

WALL MOUNTED LIGHT BY GUARDIAN
W / TWB LED 26"
FINISH: MATTE SILVER
TEMPERATURE: 4000K LUMENS
LOCATION: BUILDING A - SEE EXTERIOR
ELEVATIONS FOR MOUNTING HEIGHTS



WALL MOUNTED LIGHT BY VISA LIGHTING
TYPE: OW1055 COLONNADE
FINISH: BRONZE MATTE
TEMPERATURE: 4000K LUMENS
LOCATION: BUILDING D - SEE EXTERIOR
ELEVATIONS FOR MOUNTING HEIGHTS
AND LOCATIONS



WALL MOUNTED LIGHT BY BEGA -
OUTPUT IN 2-WAY DIRECTION
TYPE: LED LUMINAIRE: 33 334
TEMPERATURE: 4000K LUMENS
LOCATION: BUILDINGS B & C -
SEE EXTERIOR ELEVATIONS FOR
MOUNTING HEIGHTS AND LOCATIONS.



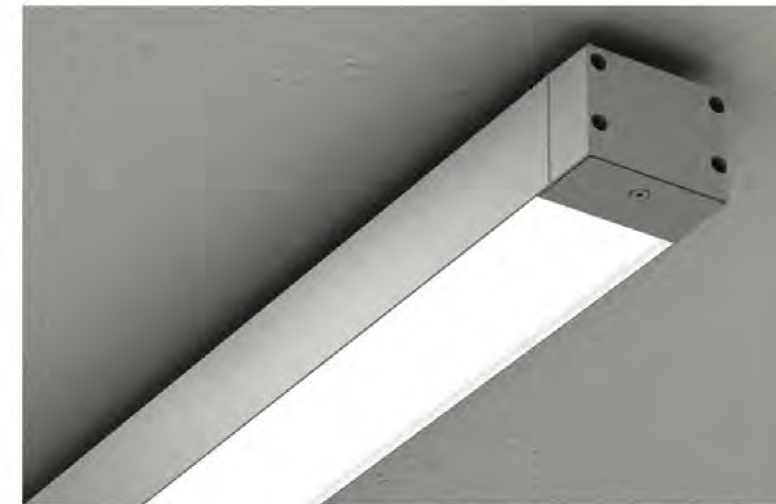
WALL MOUNTED LIGHT BY LUMINIS
TYPE: CL315 SERIES
FINISH: STAINLESS STEEL
TEMPERATURE: 4000K LUMENS
LOCATION: BUILDINGS B & C AND THE
GYM BUILDING
SEE EXTERIOR ELEVATIONS FOR
MOUNTING HEIGHTS AND LOCATIONS



RECESSED CAN LIGHT BY LITHONIA
TYPE: LDN6 - 6" DIAMETER
TEMPERATURE: 4000K LUMENS
LOCATION: BUILDINGS A - D WHERE SOFFITS
AND CEILINGS OCCUR AT POPOUT ENTRIES
AND CANOPY AREAS. ALSO AT THE GYM
BUILDING LOWER LEVEL HARD-LID SOFFIT
CEILINGS.



ROPE LIGHTING BY LUMINII
TYPE: KURBA HORIZONTAL RGB & RGBW FLEXIBLE
LED STRIP - 24 VDC
GIVES COLORED LIGHTING AS WELL AS WHITE LIGHT
- OPTION BY OWNER.
LOCATION: BUILDINGS B AND C AT UPPER DECK
AREAS. AND ACCENT WALL / SOFFIT LIGHTING IN
SOME AREAS.



SURFACE MOUNTED LED BY AXIS LIGHTING
TYPE: WBS LED WET BEAM 4-LED
TEMPERATURE: 2700K LUMENS (WARM)
LOCATION: BUILDINGS A & D - MOUNT TO
BEAM LOCATIONS AT UPPER DECK AREAS



SURFACE MOUNTED LED BY PINNACLE
ARCHITECTURAL LIGHTING
TYPE: 6" DIRECT LINEAR LED WET (EDGE EX6WET)
TEMPERATURE: 4000K LUMENS
LOCATION: GYM BUILDING - UNDERSIDE OF EXTE-
RIOR CANOPY STRUCTURES



PENDANT LIGHT
TYPE: SILENE CLASSIC 4156B-JMJ
MATERIAL: FROSTED RIBBED GLASS
MANUFACTURER: EUREKA LIGHTING
TEMPERATURE: 3000K LUMENS
LOCATION: BUILDING A UPPER DECK



PENDANT LIGHT
TYPE: CUSTOM FIXTURE
MATERIAL: ACRYLIC WHITE LENS WITH
POWDER COATED STEMS
MANUFACTURER: DEL TORO LIGHTING
TEMPERATURE: 4000K LUMENS
LOCATION: BUILDINGS B & C UPPER DECK



Shown for linear straight installation

ACCENT PEDESTRIAN LIGHTING AT BRIDGE RAILINGS
TYPE: MICROLINI STRAND - SMALL PROFILE LINEAR
LED
TEMPERATURE: 4000K LUMENS
MANUFACTURER: DURA LAMP (A BRAND OF
TARGETTI)
LOCATION: BRIDGE PIER RAILINGS


PENDANT LIGHT
TYPE: STR8
FINISH: GUN METAL - POWDER COAT PAINT
MANUFACTURER: IMPACT ARCHITECTURAL
LIGHTING
TEMPERATURE: 3000K LUMENS
LOCATION: BUILDING A UPPER DECK




LINEAR LED STRIP LIGHT
BY LUMINII
TYPE: LINE LED RGB & RGBW (WET)
GIVES COLORED LIGHTING AS
WELL AS WHITE LIGHT
LOCATION: GYM UPPER AND
LOWER SOFFITS


Lighting Cut Sheet Index Cannon Beach

Bridge Area


 Duralamp_Microlini-080420 for lighting rails at bridge


Building A

 guardian-w-twb-26-led


 ldn6 inch can lights


Upper Deck


 4156B-JMJ - smaller pendant areas


 str8.LED_P7500 r031020 - larger pendant areas

Building B and C


 33334_BEGA_Spec

 kbm-rgb_08


 ldn6 inch can lights


 SPECS-LUMISTIK-CL315 LED


Upper Deck:


 RCL-9220 Bowl Pendant fixture


Building D

 kbm-rgb_08


 L60W_SS 2 inch Outdoor Beam Locations


 ldn6 inch can lights


 OW1055 Colonnade_SPEC 20inch height


 WBS.LED-B3.SPEC 4inch - Outdoor Beam Locations

Gym

 EX6WET_LED_SPEC

 ldn6 inch can lights

 lineledx18wet-t-rgb & rgbw-specifications

 SPECS-LUMISTIK-CL315 LED

MICROLINI STRAND

SMALL PROFILE LINEAR LED

KEY FEATURES

- Extruded aluminum anodized round body with opal polycarbonate lens cover with aluminum end caps included.
- Flexible segmented strand system - Each array can be bent horizontally up to 180° and 45° vertically from the next module for complex cove and niches applications.
- Multiple dimming options available



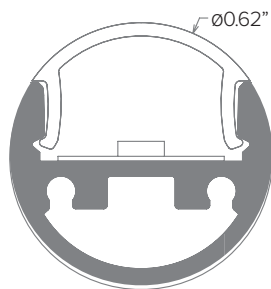
Shown for curved installation



Shown for linear straight installation



DIMENSIONAL DRAWINGS



DETAILS

Module	2.25" segmented modules on strand at 3" O.C. spacing
LEDs	6 LED's per module, 4 modules/ft
Wattage	4W/ft
Color Temp	2700°K / 3000°K / 3500°K
Color Consistency	Advanced LED binning with +/- 2-step MacAdam ellipse
CRI	+95 High CRI
Max run length	20ft per linear run, sold in 12" increments of 4 modules
End Prep	Standard with 3" lead wire at both ends of 20ft lengths. Optional with input /output male/female connectors for specified lengths, see page 2.
Mounting	Required mounting brackets, see page 2. Four different tilt angles can be achieved with bracket mounting at 0°, 15°, 30°, or 45°.
Installation	Segment strand wire is field cuttable and can be interconnected with standard UL connectors, provided by others.
Voltage	24V DC
Power Supply	Listed Class 2 output, 24V DC power supply required
IP Rating	IP40
Certification	cETLus Class 2 Listed Tested in accordance with LM-79-08 Energy efficient for California installations.
Compliance	ROHS compliant
Warranty	5 year warranty

DESIGN INSTALLATION EXAMPLES



Cove



Under Counter
Task



Under Counter
Directional Task

FIXTURE DATA

Kelvin	Efficacy*	Lm/Module	W/ Module	Lm/Ft	W/Ft
3000°K	80	80	1.0W	320	4.0W

* Meets Title 24 High efficacy rating.

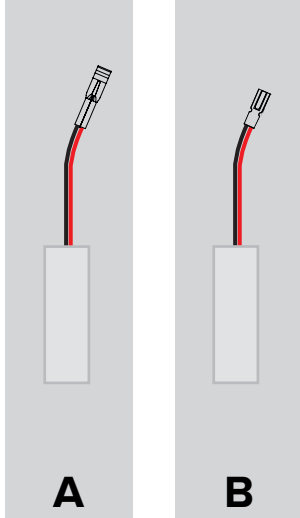
LED DATA

Wt/Model	Viewing Angle	Lifespan at 90% drive
1.0W	150°	50,000hrs

* LEDs operating at 90% of LED manufacturers maximum current rating.

PRODUCT CODE	TYPE	WATTAGE	COLOR TEMP	VOLTAGE		MOUNTING		POWER SUPPLY
MCL — MICROLINI	SS — Segmented Strand	04 — 4.0W	27 — 2700°K 30 — 3000°K 35 — 3500°K	24 — 24 VDC	+		+	

END PREPS AND CONNECTORS (REQUIRED) - Choose 1



Required end preps:
(One required for each run of tape)

A

MCLCONNM

Factory attached male connector with 2" lead wire.

B

MCLCONNf

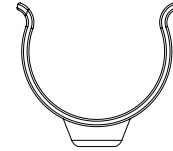
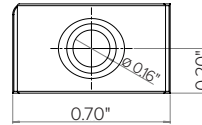
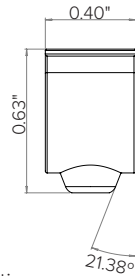
Factory attached female connector with 2" lead wire.

Mounting (REQUIRED)



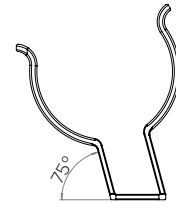
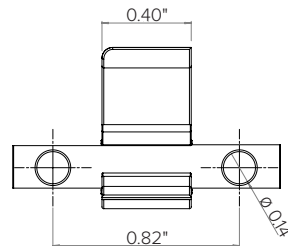
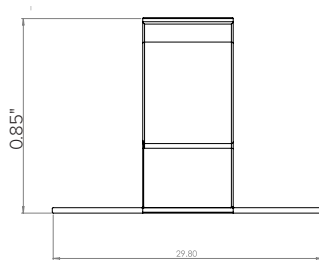
MCL-A-CL

Stainless steel fixed rotational mounting bracket at 0° vertical. Package of 10pcs, one recommended per fixture module. #8 countersink screws not included.



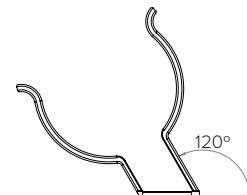
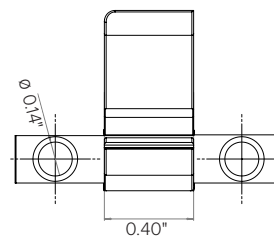
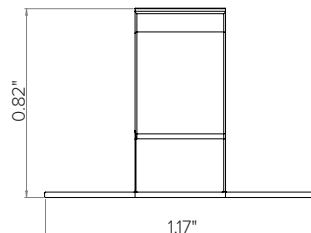
MCL-A-CL15

Stainless steel fixed rotational mounting bracket at 15°. Package of 10pcs, one recommended per fixture module. #8 countersink screws not included.



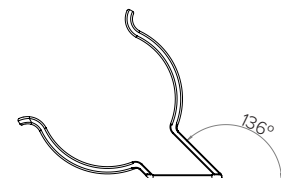
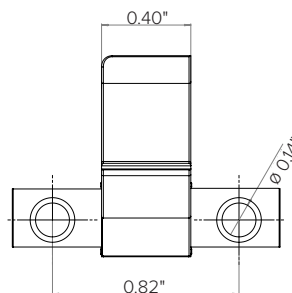
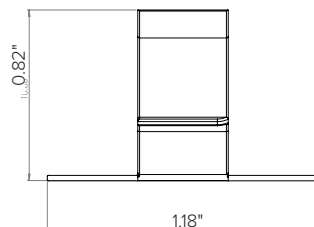
MCL-A-CL30

Stainless steel fixed rotational mounting bracket at 30°. Package of 10pcs, one recommended per fixture module. #8 countersink screws not included.



MCL-A-CL45

Stainless steel fixed rotational mounting bracket at 45°. Package of 10pcs, one recommended per fixture module. #8 countersink screws not included.





MICROLINI STRAND

SMALL PROFILE LINEAR LED

Mounting (REQUIRED) Cont.



KTMCLBKTADJ

Stainless steel adjustable mounting bracket.
Package of 2pcs, one recommended per fixture
module. #8 countersink screws not included.



a brand of TARGETTI

MICROLINI STRAND

SMALL PROFILE LINEAR LED

Power Supply (REQUIRED)	Type	Wattage	Input/Output Voltage	Dimmable	IP Rating	Output	Dimensions
DMLV40124D	MAGNETIC LOW VOLTAGE TRANSFORMER	40W	120V / 24V	MLV DIMMING 10%	NEMA3R ENCLOSURE	UL CLASS 2	8.13" x 3.93" x 1.59" ¹
DMLV60124D	MAGNETIC LOW VOLTAGE TRANSFORMER	60W	120V / 24V	MLV DIMMING 10%	NEMA3R ENCLOSURE	UL CLASS 2	8.13" x 3.93" x 1.59" ¹
DMLV96124D	MAGNETIC LOW VOLTAGE TRANSFORMER	96W	120V / 24V	MLV DIMMING 10%	NEMA3R ENCLOSURE	UL CLASS 2	8.13" x 3.93" x 1.59" ¹
DMLV192224D	MAGNETIC LOW VOLTAGE TRANSFORMER	192W	120V / 24V	MLV DIMMING 10%	NEMA3R ENCLOSURE	UL CLASS 2	8.00" x 4.15" x 3.41" ¹
DELV30124DJBX	MAGNITUDE SOLIDRIVE ELECTRONIC DRIVER WITH BUILT-IN JUNCTION BOX.	30W	120-277V / 24V	0-10V 1%	IP66	UL CLASS 2	12.1" X 2.36" X 1.4"
DELV30124D	MAGNITUDE SOLIDRIVE ELECTRONIC STANDALONE DRIVER. UL LISTED ENCLOSURE PROVIDED BY OTHERS.	30W	120-277V / 24V	0-10V 1%	IP66	UR CLASS 2	7.5" X 2.36" X 1.4"
DELV60124DJBX	MAGNITUDE SOLIDRIVE ELECTRONIC DRIVER WITH BUILT-IN JUNCTION BOX.	60W	120-277V / 24V	0-10V 1%	IP66	UL CLASS 2	12.1" X 2.36" X 1.4"
DELV60124D	MAGNITUDE SOLIDRIVE ELECTRONIC STANDALONE DRIVER. UL LISTED ENCLOSURE PROVIDED BY OTHERS.	60W	120-277V / 24V	0-10V 1%	IP66	UR CLASS 2	7.5" X 2.36" X 1.4"
DELV96124DJBX	MAGNITUDE SOLIDRIVE ELECTRONIC DRIVER WITH BUILT-IN JUNCTION BOX.	96W	120-277V / 24V	0-10V DIMMING 1%	IP66	UL CLASS 2	12.1" X 2.36" X 1.4"
DELV96124D	MAGNITUDE SOLIDRIVE ELECTRONIC STANDALONE DRIVER. UL LISTED ENCLOSURE PROVIDED BY OTHERS.	96W	120-277V / 24V	0-10V DIMMING 1%	IP66	UR CLASS 2	7.5" X 2.36" X 1.4"
DEL60PWM	ELECTRONIC PWM DRIVER STANDALONE, UL LISTED ENCLOSURE PROVIDED BY OTHERS	60W	120-277V / 24V	0-10V/PWM 10%	IP67	UR CLASS 2	5.9" X 2.09" X 1.38"
DEL90PWM	ELECTRONIC PWM DRIVER STANDALONE, UL LISTED ENCLOSURE PROVIDED BY OTHERS	90W	120-277V / 24V	0-10V/PWM 10%	IP67	UR CLASS 2	6.73" X 2.48" X 1.48"
DELI601241CPWM	ELECTRONIC PWM DRIVER	60W	120-277V / 24V	0-10V/PWM 10%	NEMA1 ENCLOSURE	UL CLASS 2	10" x 10" x 4" ¹
DELI901241CPWM	ELECTRONIC PWM DRIVER	90W	120-277V / 24V	0-10V/PWM 10%	NEMA1 ENCLOSURE	UL CLASS 2	10" x 10" x 4" ¹
DELI1802242CPWM	ELECTRONIC PWM DRIVER	2X90W	120-277V / 24V	0-10V/PWM 10%	NEMA1 ENCLOSURE	UL CLASS 2	12" x 12" x 4" ¹
DELI2703243CPWM	ELECTRONIC PWM DRIVER	3X90W	120-277V / 24V	0-10V/PWM 10%	NEMA1 ENCLOSURE	UL CLASS 2	12" x 12" x 4" ¹

¹ Dimensions include enclosure with mounting bracket.

* Constant voltage drivers 50/60HZ, voltage regulated with short circuit protection. Operating temperature -40 C- 80° C

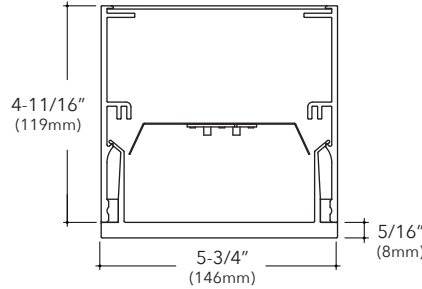
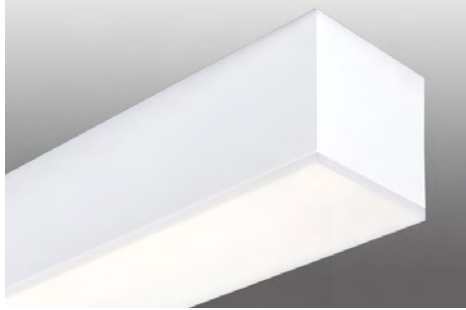
* Installation of power supply must be compliant to Class 2 installation standards. Refer to NEC and local building code requirements.

* Consult factory for additional driver options (ie: DMX, DALI, wattage, size, shape, Lutron, ELDO, or others).

MAXIMUM INTERCONNECTED TAPE LENGTH PER DRIVER

Fixture Wattage	Driver Wattage							
	4W	40W	60W	96W	90W	2X90W	3X90W	100W
		8FT	12FT	19FT	18FT	(2) 18FT	(3) 18FT	20FT
								(2) 20FT

Max continuous run length is 20ft.
Multiple runs can be connected to the same driver per the lengths shown.



EDGE EX6WET

6" Suspended Direct Linear WET

Key Features

- Approved for wet location unless otherwise noted. IP65 and IK10 rated
- Fixture is built using corrosion resistant materials
- 6063-T5 Extruded aluminum housing
- Highly reflective die-formed white painted reflector
- All-inclusive module houses all LED system components in one compact unit
- Unit easily releases from the housing for room-side maintenance
- Wiring access available through bottom of housing
- 5-year limited warranty covers LED, driver and fixture
- UL and cUL listed
- Buy American Act compliant



Example Part #: EX6-WET-N-830HO-8'-IND-PP18JB-U-OL2-1-0-W

EX6 - **WET** - **N** - **CRI, CCT & OUTPUT** - **LENGTH** - **MOUNTING** - **VOLTAGE** - **DRIVER** - **CIRCUITING** - **BATTERY & EMERGENCY** - **FINISH** - **FIXTURE OPTIONS**

WET	N	-----	----	
DIRECT SHIELDING	INDIRECT SHIELDING	CRI, CCT & OUTPUT	LENGTH ¹	
WET - Satine Wet Lens <i>Shielding pg. 2</i>	N - None <i>Shielding pg. 2</i>	27 __ - 2700K 30 __ - 3000K 35 __ - 3500K 40 __ - 4000K CL ____ - Custom Lumens CW ____ - Custom Watts <i>Lumen Output pg. 2</i> <i>Example: 830HO is 8 = 80 CRI; 30 = 3000K; HO = High Output; Blank = Standard Output</i>	__ - Individual Fixture <i>Length pg. 2</i>	
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POSITION ²	MOUNTING ³	VOLTAGE	DRIVER	
IND - Individual Fixture BOR - Beginning of Row MOR - Middle of Row EOR - End of Row <i>Position pg. 3</i>	PP __ JB - Pendant to J Box PP __ ST - Pendant to Structure WA - Wall Mount S - Surface Mount <i>Mounting pg. 3</i>	U - Universal (<i>120 thru 277V</i>) 1 - 120V 2 - 277V 3 - 347V <i>Voltage pg. 3</i>	OL2 - Osram (<i>1%, 0-10v, standard</i>) OL3 - Osram 347v (<i>10%, 0-10v</i>) EE1 - eldoLED ECOdrive (<i>1%, 0-10v</i>) ES1 - eldoLED SOLOdrive (<i>0%, 0-10v</i>) LH1 - Lutron Hi-lume (<i>1%, EcoSystem</i>) L51 - Lutron 5-Series (<i>5%, EcoSystem</i>) PL2 - Advance Xitanium (<i>1%, 0-10v</i>) PS1 - Advance Xitanium (<i>50%/100%</i>) ND - Non-Dimming <i>Driver pg. 3</i>	
-	---	--	----	
CIRCUITING	BATTERY & EMERGENCY ⁴	FINISH	FIXTURE OPTIONS	CONTROLS
1 - Single Circuit M - Multi Circuit E - Emergency (<i>entire fixture</i>) N - Night Light (<i>entire fixture</i>) <i>Circuiting pg. 4</i>	0 - None P - Bodine 10W I - Iota 10W Integral IC - Iota 10W Integral <i>CEC Listed</i> E - Emergency Section N - Night Light Section L - Life Safety Section G - Bodine GTD <i>Battery and Emergency pg. 4</i>	W - White S - Metallic Silver BL - Textured Black BR - Bronze GR - Graphite CC - Custom Color <i>Finish pg. 4</i>	GLR - Internal Fast Blow Fuse EPF - End Power Feed <i>Fixture Options pg. 5</i>	<i>Pinnacle is able to accommodate different control solutions from different manufacturers. Consult Factory for more information.</i>

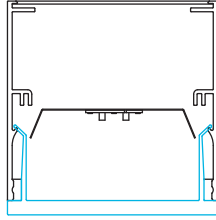
¹ Individual fixtures come in nominal 2', 3', 4', 5', 6', 7', & 8' lengths, see pg. 2 for actual lengths. ² Specify position of fixture. Use IND for an individual fixture, use BOR, MOR, or EOR for building connected rows. ³ Specify pendant length of either 12", 18" or 24". ⁴ Enter quantity for Battery and Emergency, Example 2P.

Specifications and dimensions subject to change without notice. Specification sheets that appear on pinnacle-ltg.com are the most recent version and supersede all other previously printed or electronic versions.



Direct Shielding

WET
Satine Wet Lens



Indirect Shielding

N
None

Output

- Specify either 80 or 90 CRI
- Longer lead-time may apply for 90 CRI. Consult factory
- 80 CRI = R9≥19 and 90 CRI = R9≥61

Custom Output- Lumens OR Wattage

CL _____ Specify CRI, CCT and desired lumens (i.e. CL835500) *Specify lumens between standard offering listed below. Lumens are specified per color temp*

CW _____ Specify CRI, CCT and desired wattage (i.e. CW9407) *Specify watts between standard offering listed below*

80 CRI

	Color	Output	Watts per foot	Shielding WET Satine Wet Lumens/ft	LPW
830	3000K	Standard	4.6	366	79.6
830HO	3000K	High	8.6	678	78.6
835	3500K	Standard	4.6	377	82.0
835HO	3500K	High	8.6	698	80.9
840	4000K	Standard	4.6	384	83.5
840HO	4000K	High	8.6	711	82.4

90 CRI

927	2700K	Standard	4.6	289	62.8
927HO	2700K	High	8.6	536	62.1
930	3000K	Standard	4.6	338	73.5
930HO	3000K	High	8.6	625	72.5
935	3500K	Standard	4.6	339	73.7
935HO	3500K	High	8.6	628	72.8
940	4000K	Standard	4.6	343	74.6
940HO	4000K	High	8.6	635	73.6

Length

2	3	4	5	6	7	8
Individual Fixture	Individual Fixture	Individual Fixture	Individual Fixture	Individual Fixture	Individual Fixture	Individual Fixture
27-1/8" (689mm)						
	39" (991mm)					
		50-3/4" (1289mm)				
			62-5/8" (1591mm)			
				74-5/8" (1895mm)		
					86-1/2" (2197mm)	
						98-3/8" (2499mm)



Position

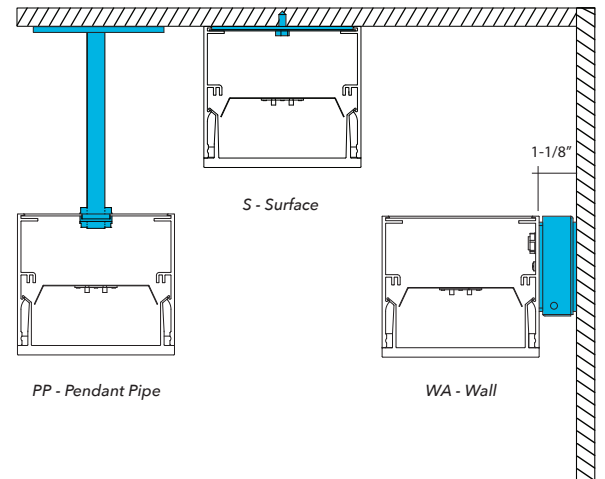
- When making rows with EDGE Wet, the rows must be ordered as individual units with a position specified
- Positions can either be "BOR" - Beginning of Row, "MOR" - Middle of Row, or "EOR" - End of Row
- The connection between fixtures is less than 1/8"
- For single, non-connected units, specify as "IND" for individual

IND	BOR	MOR	EOR
Individual Fixture	Beginning of Row	Middle of Row	End of Row

Mounting

- 1/2" diameter rigid stem pendant and wall mount available
- Specify overall pendant length of 12", 18" or 24"
- Specify pendant length in ordering code (PP12JB)
- Utilize Surface Mount for in-wall application. Building surface waterproofing by others
- End trims and power cord attached at factory
- Canopies and pendants match fixture finish, see Finish section for additional details
- Approved for wet location unless otherwise noted
- Refer to installation instructions during installation at the jobsite
- Fixtures may only be installed with the direct lens facing down. For an in-wall application with the lens facing outward, please see the EDGE Wet Recessed Spec Sheet.

PP_JB	Pendant Pipe to J-Box
PP_ST	Pendant Pipe to Structure
WA	Wall Mount
S	Surface



Voltage

- Some EDGE Wet configurations will not accommodate all voltage options; consult with factory

U	Universal
1	120 volt
2	277 volt
3	347 volt

Driver

- Standard Driver Option = OL2
- Driver Lifetime: 50,000 hours at 25°C ambient operating conditions
- For more driver options see Pinnacle Resource Guide
- Some EDGE Wet configurations will not accommodate all driver options; consult with factory

OL2	Osram Optotronic 1%, 0-10v, nominal 1% dimming range
OL3	Osram Optotronic 347v 10%, 0-10v, requires 347v option
EE1	eldoLED ECOdrive 1%, 0-10v Logarithmic
EE2	eldoLED ECOdrive 1%, 0-10v Linear
ES1	eldoLED SOLOdrive 0%, 0-10v Logarithmic
ES2	eldoLED SOLOdrive 0%, 0-10v Linear
LH1	Lutron Hi-lume Soft-on, Fade-to-black 1%, EcoSystem, LDE1
L51	Lutron 5-Series 5%, EcoSystem, LDE5
PL2	Advance Xitanium 1%, 0-10v
PS1	Advance Xitanium Step Dimming 50%/100%
ND	Non-Dimming



How to specify Circuiting, Battery and Emergency

- 1**
- Select fixture circuiting from options below
 - Some EDGE WET configurations will not accommodate all circuiting options, consult with factory

Circuiting

1	Single Circuit
M	Multi Circuit
E	Emergency Circuit only
N	Night Light Circuit only

- 2** + **3**
- Battery and emergency section options are available in addition to fixture circuit
 - Select battery and emergency section options below; factory shop drawing required
 - Some EDGE WET configurations will not accommodate all circuiting options, consult with factory

Battery and/or Emergency If Required

0	No battery or specific emergency section required
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Battery

- Select battery section type if required, indicate total QTY. *Example 2P*
- 90 minute battery runtime; test button is integral to fixture
- No battery option available for 2' lengths
- Entire direct fixture housing is on battery for lengths up to 5'
- Half of direct fixture is on battery for 6', 7' or 8' housing lengths
- For more battery options available, see Pinnacle Resource Guide

0	No battery
_P	Bodine 10w Integral
_I	Iota 10w Integral
_IC	Iota 10w Integral <i>CEC Listed</i>

For Approximate Battery Lumen Output

- Multiply battery wattage X fixture LPW shown on Lumen Table
- 92.3 (LPW) x 10 (watts) = 923 battery lumen output

Battery OR Emergency Ordering Examples

- | | |
|--|---------------------|
| • Single circuit, 10w Integral Battery | Ordering Code: 1-1P |
| • Emergency only, 10w Integral Battery | Ordering Code: E-1P |
| • Single circuit, GTD required | Ordering Code: 1-1G |

Emergency

- Select emergency section type if required, indicate total QTY. *Example 1E*
- Combine battery and emergency section ordering codes if both options are selected

_E	Emergency circuit section
_N	Night Light circuit section
_L	Life Safety circuit section NO THROUGH WIRE
_G	Bodine GTD, Generator Transfer Device section

Combination Section Ordering Examples

- | | |
|--|-----------------------|
| • Single circuit, (1) 10w battery, (1) emergency section | Ordering Code: 1-1P1E |
| • Multi circuit, (2) 10w battery, (2) emergency sections | Ordering Code: M-2P2E |
| • Single circuit, (1) night light section | Ordering Code: 1-1N |

Finish

- Standard powder-coat textured white, metallic silver, textured black, graphite or bronze painted finish; consult factory for chip of standard paint finishes
- Selecting a fixture finish other than white may impact lumen output; consult factory for more information

W	White (<i>white pendant & canopy</i>)
S	Metallic Silver (<i>silver pendant & canopy</i>)
BL	Textured Black (<i>black pendant & canopy</i>)
BR	Bronze (<i>bronze pendant & canopy</i>)
GR	Graphite (<i>graphite pendant & canopy</i>)
CC	Custom Color (<i>color match pendant & canopy</i>)



Fixture Options

- Specify CC-C or CC-P to match housing. If not specified, canopy will be standard matte white.

GLR	Internal Fast Blow Fuse
AM	Antimicrobial
EPF	End Power Feed

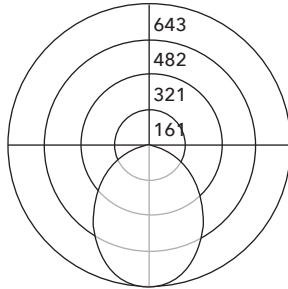
Controls

- Pinnacle is able to accommodate different control solutions from different manufacturers. Consult Factory for more information.

Photometrics

Satine Wet Lens

Test #	ITL86503
Catalog #	EX6-WET-N-840-4
Lumens	1536 lm
Watts	18.4 W
Efficacy	83 LPW



Candela Distribution

Vert Angle	Horizontal Angle	0	22.5	45	67.5	90
0		643	643	643	643	643
5		638	638	638	637	637
10		626	625	624	623	622
15		605	601	600	598	594
20		578	571	570	565	560
25		541	532	531	523	518
30		499	490	487	477	472
35		452	444	439	428	422
40		404	396	388	377	371
45		353	346	338	326	321
50		302	298	289	278	273
55		253	250	243	232	227
60		206	204	198	190	185
65		162	160	156	150	147
70		120	120	118	114	112
75		82	83	84	82	81
80		49	51	53	54	54
85		22	25	29	31	32
90		1	5	10	14	15

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	2685	2484	2330
55	2366	2156	1989
65	2050	1828	1681
75	1668	1504	1396
85	1302	1183	1201

For all available IES files, please visit our website at pinnacle-ltg.com. Photometry testing in accordance to IESNA-LM-79-08 at an NVLAP accredited testing laboratory. Testing conducted at 25°C ambient conditions

Applications & Certificates

Construction 6063-T5 extruded aluminum housing with welded ends. Internal lens gaskets seal housing to prevent moisture and debris from entering the fixture. Pressure equalizing vent allows fixture to "breathe" preventing condensation.

Shielding Solid acrylic diffuse snap-in lens with matte finish with an EPDM gasketed for complete wet seal.

Mounting Fixtures can be installed individually or connected for a continuous run appearance. IND fixtures are individual fixtures and have no joining holes. IND fixtures cannot be joined. BOR fixtures are used for beginning of row and have joining holes on non-power end of fixture. MOR fixtures are used for middle of row and have joining holes on both ends of fixture. EOR fixtures are used for the end of a row and have no joining holes on power end of fixture. Consult factory for detailed installation instructions.

LED 25°C test environment. Lumen output/wattage has a margin of +/- 5%; 2' or 3' lengths may have a greater wattage deviation. All luminaire configurations tested in accordance with IES LM-79. Diodes tested in accordance with IES LM-80. Lifetime calculated using IES TM-21. Minimum lifetime greater than 60,000 hours. Lifetime Projection L70 = 136,200 hours and L90 = 41,100 hours. MacAdam 3-Step Ellipses. Not all products are Lighting Facts listed. For all available IES files, please visit our website at pinnacle-ltg.com.

CRI, CCT & Lumen Output Two lumen packages available. Standard and High (HO). Custom outputs are available. Specify custom lumens or watts between standard offering listed on CRI, CCT & Output page. 80 CRI is available for 3000K, 3500K, and 4000K. 90 CRI is available for 2700K, 3000K, 3500K, and 4000K. 80 CRI = R9≥19 and 90 CRI = R9≥61.

Voltage Universal (U), 120 volt (1), 277 volt (2) and 347 volt (3) options available. Must specify OL3 in Driver section when 347 volt (3) is selected. Some EDGE Wet configurations will not accommodate all voltage options; consult with factory.

tions will not accommodate all voltage options; consult with factory.

Driver Standard Driver Option is Osram 0-10V, 1% = OL2. Electronic driver, Power factor is >0.9 with a THD <20%. Driver Lifetime: 50,000 hours at 25°C ambient operating conditions. Ambient operating range: -20°F/-30°C to 92°F/34°C. For more driver options, see Pinnacle Resource Guide. Some EDGE Wet configurations will not accommodate all driver options.

Circuiting Select from single circuit (1), Multi circuit - For multiple circuiting and zone control, requires factory shop drawing (M), Emergency circuit (E) or Night Light circuit (N). For emergency circuiting situations that require no through wire or circuit separation, Life Safety Circuit should be selected. This will provide a separate power feed and only the Life Safety Circuit in that section. Some EDGE Wet configurations will not accommodate all circuiting options; consult with factory.

Battery & Emergency Select battery or emergency options if required. If battery or emergency option is not required, enter 0. Battery duration is 90 minutes as standard. Test button is integral to fixture. For more Battery options, see Pinnacle Resource Guide.

Finish Standard powder-coat textured white, metallic silver, textured black, graphite or bronze painted finish; consult factory for chip of standard paint finishes or for additional custom color and finish options.

Controls Consult Factory

Labels UL and cUL Listed, approved for wet location unless otherwise noted. IP65 and IK10 rated.

Buy American Act Compliant

Warranty EDGE Wet LED offered with a 5-year limited warranty. Covers LED, driver and fixture.

FEATURES & SPECIFICATIONS

INTENDED USE — Typical applications include corridors, lobbies, conference rooms and private offices.

CONSTRUCTION — Galvanized steel mounting/plaster frame; galvanized steel junction box with bottom-hinged access covers and spring latches. Reflectors are retained by torsion springs.

Vertically adjustable mounting brackets with commercial bar hangers provide 3-3/4" total adjustment. Two combination 1/2"-3/4" and four 1/2" knockouts for straight-through conduit runs. Capacity: 8 (4 in, 4 out). No. 12 AWG conductors, rated for 90°C.

Accommodates 12"-24" joist spacing.

Passive cooling thermal management for 25°C standard; high ambient (40°C) option available. Light engine and drivers are accessible from above or below ceiling.

Max ceiling thickness 1-1/2".

OPTICS — LEDs are binned to a 3-step SDCM; 80 CRI minimum. 90 CRI optional.

LED light source concealed with diffusing optical lens.

General illumination lighting with 1.0 S/MH and 55° cutoff to source and source image.

Self-flanged anodized reflectors in specular, semi-specular, or matte diffuse finishes. Also available in white and black painted reflectors.

ELECTRICAL — Multi-volt (120-277V, 50/60Hz) 0-10V dimming drivers mounted to junction box, 10% or 1% minimum dimming level available.

0-10V dimming fixture requires two (2) additional low-voltage wires to be pulled.

70% lumen maintenance at 60,000 hours.

LISTINGS — Certified to US and Canadian safety standards. Wet location standard (covered ceiling).

IP55 rated. ENERGY STAR® certified product.

WARRANTY — 5-year limited warranty. Complete warranty terms located at:

www.acuitybrands.com/support/customer-support/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.



A+ Capable options indicated by this color background.

Catalog Number
Notes
Type



LDN6

**6" Open and WallWash LED
Non-IC**

New Construction Downlight



ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: LDN6 35/15 L06AR LSS MVOLT EZ10

LDN6					
Series	Color temperature	Lumens ¹	Aperture/Trim Color	Finish	Voltage
LDN6 6" round	27/ 2700K 30/ 3000K 35/ 3500K 40/ 4000K 50/ 5000K	05 500 lumens 07 750 lumens 10 1000 lumens 15 1500 lumens 20 2000 lumens	25 2500 lumens 30 3000 lumens 40 4000 lumens 50 5000 lumens	L06 Downlight LW6 Wallwash AR Clear WR ² White BR ² Black	LSS Semi-specular LD Matte diffuse LS Specular MVOLT Multi-volt 120 120V 277 277V 347 ³ 347V

Driver	Options
GZ10 0-10V driver dims to 10%	SF ⁴ Single fuse
GZ1 0-10V driver dims to 1%	TRW ⁵ White painted flange
EZ10 0-10V eldoLED driver with smooth and flicker-free deep dimming performance down to 10%	TRBL ⁵ Black painted flange
EZ1 0-10V eldoLED driver with smooth and flicker-free deep dimming performance down to 1%	EL ⁶ Emergency battery pack with integral test switch. 10W Constant Power, Not Certified in CA Title 20 MAEDBS
DALI10 DALI driver dims to 10%	ELR ⁶ Emergency battery pack with remote test switch. 10W Constant Power, Not Certified in CA Title 20 MAEDBS
DALI1 DALI driver dims to 1%	ELSD ⁶ Emergency battery pack with self-diagnostics, integral test switch. 10W Constant Power, Not Certified in CA Title 20 MAEDBS
	ELRSD ⁶ Emergency battery pack with self-diagnostics, remote test switch. 10W Constant Power, Not Certified in CA Title 20 MAEDBS
	E10WCP ⁶ Emergency battery pack, 10W Constant Power with integral test switch. Certified in CA Title 20 MAEDB
	E10WCPR ⁶ Emergency battery pack, 10W Constant Power with remote test switch. Certified in CA Title 20 MAEDB
	NPP16D ⁷ nLight® network power/relay pack with 0-10V dimming for non-eldoLED drivers (GZ10, GZ1).
	NPP16DER ⁷ nLight® network power/relay pack with 0-10V dimming for non-eldoLED drivers (GZ10, GZ1). ER controls fixtures on emergency circuit.
	N80 ⁸ nLight™ Lumen Compensation
	JOT ¹³ Wireless room control with "Just One Touch" pairing
	NPS80EZ ⁷ nLight® dimming pack controls 0-10V eldoLED drivers (EZ10, EZ1).
	NPS80EZER ⁷ nLight® dimming pack controls 0-10V eldoLED drivers (EZ10, EZ1). ER controls fixtures on emergency circuit.
	HAO ¹¹ High ambient option
	CP ¹² Chicago Plenum
	RRL ¹² RELOC®-ready luminaire connectors enable a simple and consistent factory installed option across all ABL luminaire brands. Available only in RRLA, RRLB, RRLAE, and RRLC12S. Refer to RRL spec sheet on www.acuitybrands.com for the RELOC product specifications.
	NLTAIR2 ^{9,10} nLight® Air enabled
	NLTAIRER2 ^{9,10} nLight® AIR Dimming Pack Wireless Controls. Controls fixtures on emergency circuit, not available with battery pack options
	NLTAIREM2 ^{9,10} nLight® AIR Dimming Pack Wireless Controls. UL924 Emergency Operation, via power interrupt detection. Available with battery pack options.
	USPOM US point of manufacture
	90CRI High CRI (90+)

Accessories: Order as separate catalog number.	
PS1055CP	FMC Power Sentry battery pack, T20 compliant, field installable, 10W constant power
EAC ISSM 375	Compact interruptible emergency AC power system
EAC ISSM 125	Compact interruptible emergency AC power system
GRA68 JZ	Oversized trim ring with 8" outside diameter ¹
SCA6	Sloped ceiling adapter. Refer to TECH-SCA for more options.

Notes

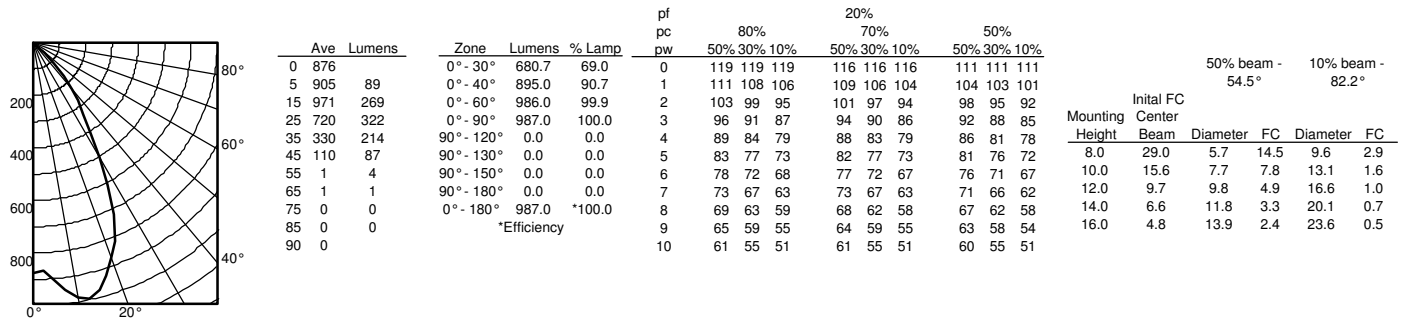
- Overall height varies based on lumen package; refer to dimensional chart on page 3.
- Not available with finishes.
- Not available with emergency options.
- Must specify voltage 120V or 277V.
- Available with clear (AR) reflector only.
- 12.5" of plenum depth or top access required for battery pack maintenance.
- Specify voltage. ER for use with generator supply EM power. Will require an emergency hot feed and normal hot feed.
- Fixture begins at 80% light level. Must be specified with NP-S80EZ or NPS80EZ ER. Only available with EZ10 and EZ1 drivers.
- Not available with CP, NPS80EZ, NPS80EZER, NPP16D, NPP-16DER or N80 options.
- NLTAIR2, NLTAIRER2 and NLTAIREM2 not recommended for metal ceiling installations.
- Fixture height is 6.5" for all lumen packages with HAO.
- Must specify voltage for 3000lm and above. 5000lm with marked spacing 24 L x 24 W x 14 H. Not available with emergency battery pack option.
- Must specify DALI driver. Not available with nLight options. Not available with CP. Not recommended for metal ceiling installation.

LDN6

PHOTOMETRY

Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance Data at 30" Above Floor for a Single Luminaire
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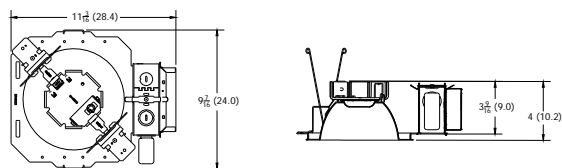
LDN6 35/10 L06AR, input watts: 10.44, delivered lumens: 987.10, LM/W = 94.54, spacing criterion at 0= 1.02, test no. ISF 30716P262.



LDN6

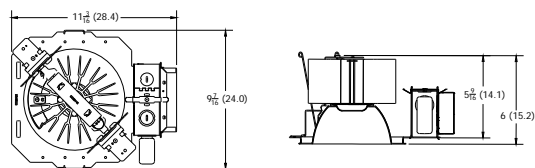
* All dimensions are inches (centimeters) unless otherwise noted.

LDN6 500 - 1500 LUMENS



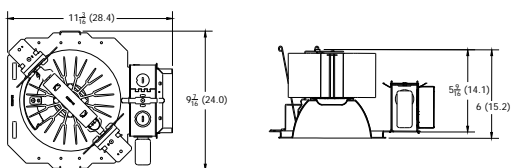
Aperture: 6-1/4 (15.9)
Ceiling Opening: 7-1/8 (18.1)
Overlap Trim: 7-1/2 (19.1)

LDN6 2000 - 3000 LUMENS



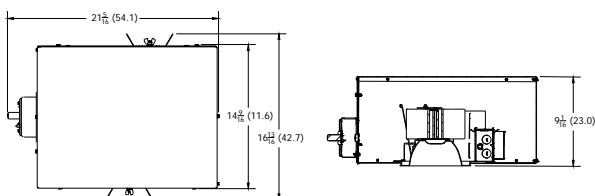
Aperture: 6-1/4 (15.9)
Ceiling Opening: 7-1/8 (18.1)
Overlap Trim: 7-1/2 (19.1)

LDN6 4000 - 5000 LUMENS



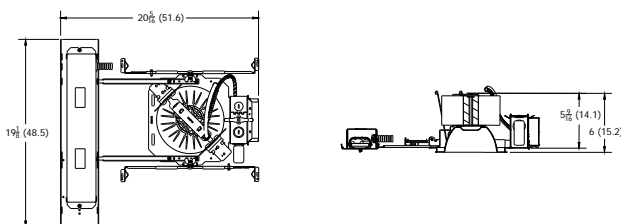
Marked Spacing: 24 x 24 x 10
Aperture: 6-1/4 (15.9)
Ceiling Opening: 7-1/8 (18.1)
Overlap Trim: 7-1/2 (19.1)

LDN6 CP



Aperture: 6-1/4 (15.9)
Ceiling Opening: 7-1/8 (18.1)
Overlap Trim: 7-1/2 (19.1)

LDN6 EL



Marked Spacing above 3000 Lumens: 24 x 24 x 10
Aperture: 6-1/4 (15.9)
Ceiling Opening: 7-1/8 (18.1)
Overlap Trim: 7-1/2 (19.1)

LDN6			
Nominal Lumens	Lumens	Wattage	Lm/W
500	527.9	5.8	90.5
750	758.1	8.9	85.1
1000	950.1	10.4	91.0
1500	1514	17.5	86.4
2000	2006	22.5	89.1
2500	2504	28.3	88.6
3000	3021	34.8	86.9
4000	4008	44.3	90.6
5000	4975	57.7	86.3

HOW TO ESTIMATE DELIVERED LUMENS IN EMERGENCY MODE

Use the formula below to estimate the delivered lumens in emergency mode

$$\text{Delivered Lumens} = 1.25 \times P \times \text{LPW}$$

P = Output power of emergency driver. P = 10W for PS1055CP

LPW = Lumen per watt rating of the luminaire. This information is available on the ABL luminaire spec sheet.

The LPW rating is also available at Designlight Consortium.

LUMEN OUTPUT MULTIPLIERS - FINISH			
	Clear (AR)	White (WR)	Black (BR)
Specular (LS)	1.0	N/A	N/A
Semi-specular (LSS)	0.950	N/A	N/A
Matte diffuse (LD)	0.85	N/A	N/A
Painted	N/A	0.87	0.73

LUMEN OUTPUT MULTIPLIERS - CCT					
	2700K	3000K	3500K	4000K	5000K
80CRI	0.950	0.966	1.000	1.025	1.101

Notes

- Tested in accordance with IESNA LM-79-08.
- Tested to current IES and NEMA standards under stabilized laboratory conditions.
- CRI: 80 typical.

ADDITIONAL DATA



The Sensor Switch JOT enabled solution offers a wireless, app-free approach to single room lighting control. JOT enabled products use Bluetooth® Low Energy (BLE) technology to enable wireless dimming and switching.

Diagram



LDN6 Series

Sensor Switch
WSXA JOT

- 1. Power:** Install JOT enabled fixtures and controls as instructed.
- 2. Pair:** Insert the pairing tool into the pinhole on the wall switch; press and hold any button for 6 seconds.
- 3. Play:** Once paired, each fixture will individually dim down to 10% brightness. All products will be fully functional.

COMPATIBLE 0-10V WALL-MOUNT DIMMERS

MANUFACTURER	PART NO.	POWER BOOSTER AVAILABLE
Lutron®	Diva® DDTV	
	Diva® DVSCCTV	
	Nova T® NTFTV	
	Nova® NDTV	
Leviton®	AWSMT-7DW	CN100
	AWSMG-7DW	PE300
	AMRMG-7DW	
	Leviton Centura Fluorescent Control System	
	IllumaTech® IP7 Series	
Synergy®	ISD BC	RDMFC
	SLD LPCS	
	Digital Equinox (DEQ BC)	
Douglas Lighting Controls	WPC-5721	
Entertainment Technology	Tap Glide TG600FAM120 (120V)	
	Tap Glide Heatsink TGH1500FAM120 (120V)	
	Oasis OA2000FAMU	
Honeywell	EL7315A1019	EL7305A1010 (optional)
	EL7315A1009	
HUNT Dimming	Preset slide: PS-010-IV and PS-010-WH	
	Preset slide: PS-010-3W-IV and PS-010-3W-WH	
	Preset slide, controls FD-010: PS-IFC-010-IV and PS-IFC-010-WH-120/277V	
	Preset slide, controls FD-010: PS-IFC-010-3W-IV and PS-IFC-010-3W-WH-120/277V	
	Remote mounted unit: FD-010	
Lehigh Electronic Products	Solitaire	PBX
PDM Electrical Products	WPC-5721	
Starfield Controls	TR61 with DALI interface port	RT03 DALInet Router
WattStopper®	LS-4 used with LCD-101 and LCD-103	

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® control networks when ordered with drivers marked by a shaded background*
- This luminaire is part of an A+ Certified solution for nLight control networks, providing advanced control functionality at the luminaire level, when selection includes driver and control options marked by a shaded background*

To learn more about A+, visit www.acuitybrands.com/aplus.

*See ordering tree for details

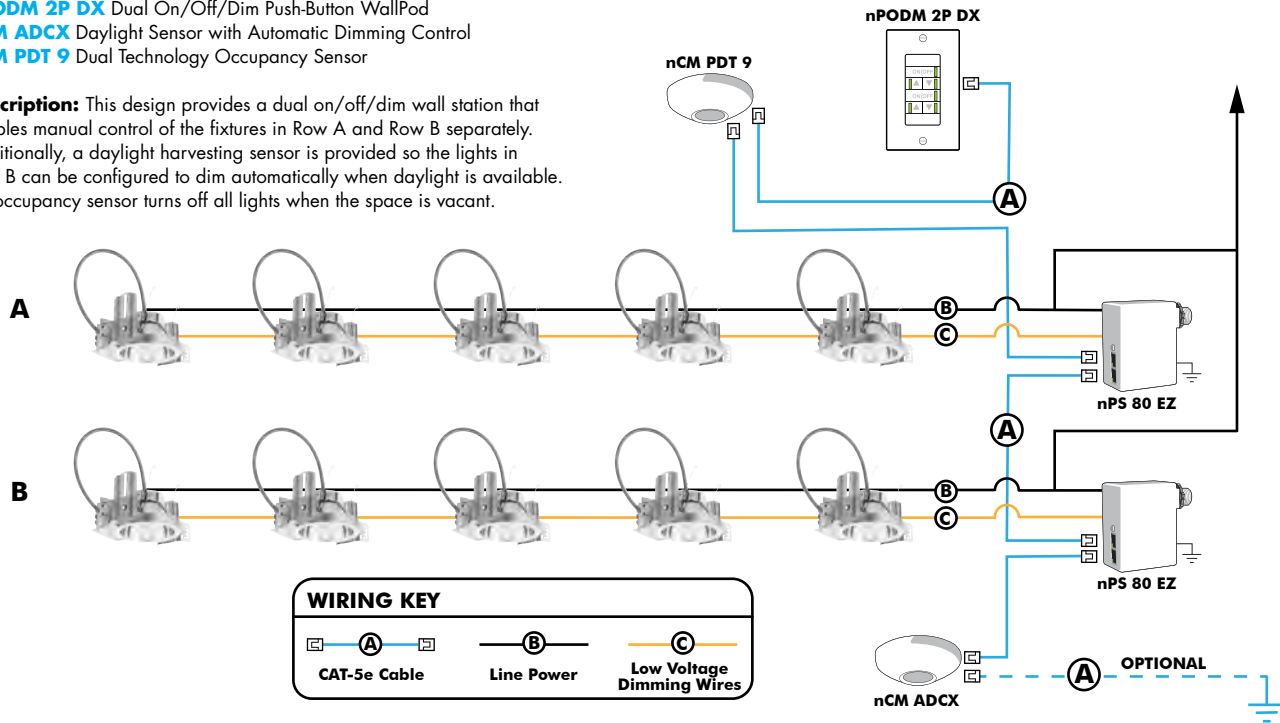
EXAMPLE

Group Fixture Control*

*Application diagram applies for fixtures with eldoLED drivers only.

nPS 80 EZ Dimming/Control Pack (qty: 2 required)**nPODM 2P DX** Dual On/Off/Dim Push-Button WallPod**nCM ADCX** Daylight Sensor with Automatic Dimming Control**nCM PDT 9** Dual Technology Occupancy Sensor

Description: This design provides a dual on/off/dim wall station that enables manual control of the fixtures in Row A and Row B separately. Additionally, a daylight harvesting sensor is provided so the lights in Row B can be configured to dim automatically when daylight is available. An occupancy sensor turns off all lights when the space is vacant.

**Choose Wall Controls**

nLight offers multiple styles of wall controls - each with varying features and user experience.

**Push-Button Wallpod**

Traditional tactile buttons and LED user feedback

**Graphic Wallpod**

Full color touch screen provides a sophisticated look and feel

nLight® Wired Controls Accessories:

Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlight for complete listing of nLight controls.

WallPod Stations	Model number	Occupancy sensors	Model Number
On/Off	nPODM (Color)	Small motion 360°, ceiling (PIR/dual Tech)	nCM 9 / nCM PDT 9
On/Off & Raise/Lower	nPOD DX (Color)	Large motion 360°, ceiling (PIR/dual tech)	nCM 10 / nCM PDT 10
Graphic Touchscreen	nPOD GFX (Color)	Wide View (PIR/dual tech)	nWV 16 / nWV PDT 16
Photocell controls	Model Number	Wall Switch w/ Raise/Lower (PIR/dual tech)	nWSX LV DX / nWSX PDT LV DX
Dimming	nCM ADCX	Cat-5 cables (plenum rated)	Model Number
		10', CAT5 10FT	CAT5 10FT J1
		15', CAT5 15FT	CAT5 15FT J1

nLight AIR

nLight AIR is the ideal solution for retrofit or new construction spaces where adding communication is cost prohibitive. The integrated nLight AIR rPP20 Power Pack is part of each Lithonia LDN Luminaire. These individually addressable controls offer the ultimate in flexibility during initial setup and for space repurposing.

**Simple as 1,2,3**

1. Install the nLight® AIR fixtures with embedded smart sensor
2. Install the wireless battery-powered wall switch
3. With CLAIRITY app, pair the fixtures with the wall switch and if desired, customize the sensor settings for the desired outcome

**nLight® AIR Control Accessories:**

Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlightair.

Wall switches	Model number
On/Off single pole	rPODB [color]
On/Off two pole	rPODB 2P [color]
On/Off & raise/lower single pole	rPODB DX [color]
On/Off & raise/lower two pole	rPODB 2P DX [color]
On/Off & raise/lower single pole	rPODBZ DX WH ¹

Notes

- 1 Can only be ordered with the RES7Z zone control sensor version.

LineLED RGB & RGBW Series Wet Tube

IP65 & IP68 rated Linear LED strip

**NOTE: to be used at the
GYM recessed strip linear fixtures at the
upper soffits exterior. comes in
both white or rgb colors**



LineLED RGB & RGBW Wet Tube is a new small profile, more energy efficient LED strip for wet locations. The LineLED RGB & RGBW Wet Tube has superior light output, a durable but flexible circuit board and it is very easy to install.

Due to the sealing bond needed to guarantee the wet-rating, exact lengths are required to order the LineLED Wet Tube. Extending and turning corners in the field require custom production.

Mounting

LED strip is equipped with 3M™ VHB™ adhesive transfer tape.

Approvals

IP65 & IP68 rated

Beam Angle

120°

Operating voltage

24 VDC

Average life

50,000 hours

Warranty

3 years



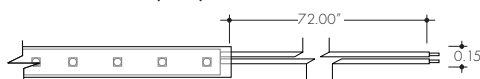
Applications: outdoor / wet location, above cabinet, cove lighting, counter accent, architectural accents, under banisters, decks, gazebos, barbeque stations and wet bars.

Technical information

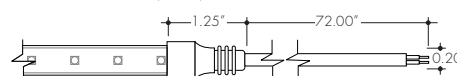
MODEL	RGB	RGBW
LEDs/ft	18	18
Light output	161 lum/ft	230 lum/ft
Average power consumption (for 15' section)	3.9 W/ft	4.9 W/ft
Amperage load at maximum run	4.0 A	4.0 A
Cutting increment	4.00"	4.00"
Maximum run length (in series)	30 ft	20 ft
Profile Dimensions W/ connector dimensions, see line drawing	0.47" W 0.24" H	0.52" W 0.24" H

SECTION START/END OPTIONS

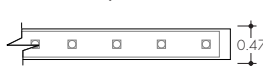
72" Soldered leads (SL65)



72" Soldered leads (SL68)



No connector (NC) IP65 model only



No connector (NC) IP68 model only



Ordering code

MODEL	ENCLOSURE	COLOR	SECTION START	SECTION END	LENGTH
LLX18WET	T	RGB	SL68	NC	
LLX18WET	T - Tube	RGB - Red, Green, & Blue RGBW - Red, Green, Blue, & White	SL65 - IP65 Soldered lead wires (72") SL68 - IP68 Soldered lead wires (72") F - Female connector M - Male connector NC - No connector	SL65 - IP65 Soldered lead wires (72") SL68 - IP68 Soldered lead wires (72") F - Female connector M - Male connector NC - No connector	view table above for increment options and maximum run limits

LineLED RGB & RGBW Series Wet Tube

IP65 & IP68 rated Linear LED strip



Power consumption per linear foot*

* with all 4 circuits at full brightness

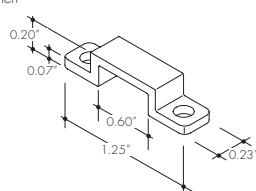
RGB					
Length of Strip (LF)	W/ft	Total wattage	Length of Strip (LF)	W/ft	Total wattage
1	4.60	4.60	21	3.55	74.55
2	4.55	9.10	22	3.45	75.90
3	4.50	13.50	23	3.40	78.20
4	4.45	17.80	24	3.35	80.40
5	4.40	22.00	25	3.30	82.50
6	4.35	26.10	26	3.25	84.50
7	4.30	30.10	27	3.15	85.05
8	4.25	34.00	28	3.10	86.80
9	4.20	37.80	29	3.05	88.45
10	4.15	41.50	30	3.00	90.00
11	4.10	45.10			
12	4.05	48.60			
13	4.00	52.00			
14	3.95	55.30			
15	3.90	58.50			
16	3.85	61.60			
17	3.75	63.75			
18	3.70	66.60			
19	3.65	69.35			
20	3.60	72.00			

RGBW		
Length of Strip (LF)	W/ft	Total wattage
1	5.65	5.65
2	5.65	11.30
3	5.65	16.95
4	5.60	22.40
5	5.50	27.50
6	5.45	32.70
7	5.35	37.45
8	5.30	42.40
9	5.25	47.25
10	5.20	52.00
11	5.15	56.65
12	5.10	61.20
13	5.05	65.65
14	4.95	69.30
15	4.85	72.75
16	4.75	76.00
17	4.60	78.20
18	4.50	81.00
19	4.40	83.60
20	4.30	86.00

Accessories

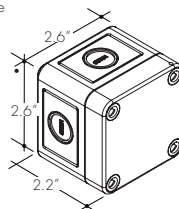
Mounting clip:
recommended at every 12" when
LineLED strip is facing down.

Part # CL-2



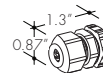
Splice Box:
Wet rated, low voltage
splice box, gray

Part # LVSP-WET



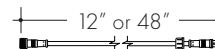
Connector:
Low voltage splice box wet cable
management gray

Part # LVSP-WET-CM



Male/Female Joiner:
Linking and extension cable in 12" or 48"

Part # IP68-RGB-12
IP68-RGB-48



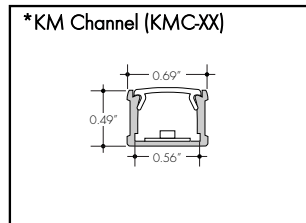
LineLED RGB & RGBW Series Wet Tube

IP65 & IP68 rated Linear LED strip

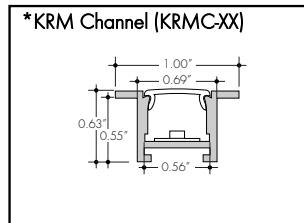


Lens options / light transmission percentage per lens

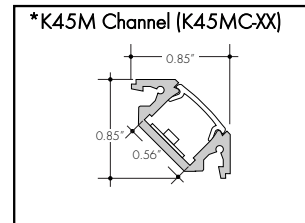
C Clear	HF Half (50%) Frosted	G Graze	SI Satin Ice	S Square Frosted	Q Rounded Square Frosted
F Frosted	M Medium beam frosted	R Raised	C36 Clear 36° beam angle	C10 Clear 10° beam angle	



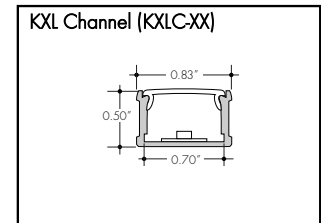
C	F	HF	C10	R
71%	42%	58%	67%	39%



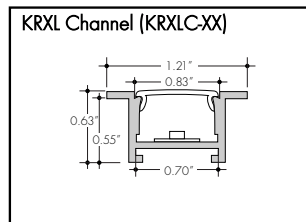
C	F	HF
71%	42%	58%



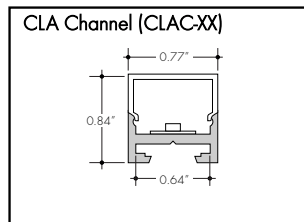
C	F	HF	C10
71%	42%	58%	67%



C	F	HF
74%	46%	61%



C	F	HF
74%	46%	61%



S	Q
62%	63%

*Not compatible with IP68 connectors

Discontinued Extrusion Reference Link

<https://www.luminii.com/media/4351/extrusion-update.pdf>

LineLED RGB & RGBW Series Wet Tube

IP65 & IP68 rated Linear LED strip

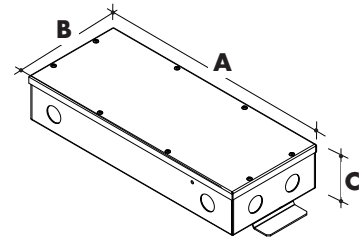


Power supply

See fixture and power supply instructions & spec sheet for wiring information. Dimming possible in select models - view luminii website for list of compatible dimmers.

Non-Dimming Power Supply

MODEL	POWER	OUTPUT	DIMMING	LOCATION
PSV	96	24	U2ND	D
PSV - PSV Series	96 - 96 Watt	24 - 24 VDC	U2ND - Non Dimming	D - Dry Location



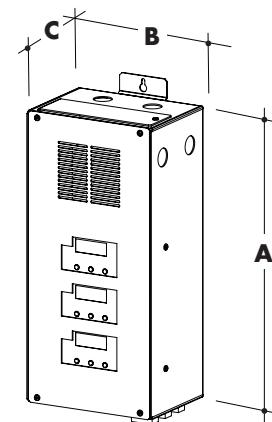
MODELS	96W
A Length	14.40"
B Width	5.20"
C Depth	2.60"

DMX

MODEL	POWER	OUTPUT
PSDMX	96	24
PSDMX - DMX Power Supply	96 - 96 Watt 3X96 - 3 X 96 Watt	24 - 24 VDC

Features eldoLED's LINEARdrive configurable dimmable drivers

MODELS	96W	3 x 96W
A Length	14.40"	15.75"
B Width	5.20"	6.60"
C Depth	2.60"	4.80"

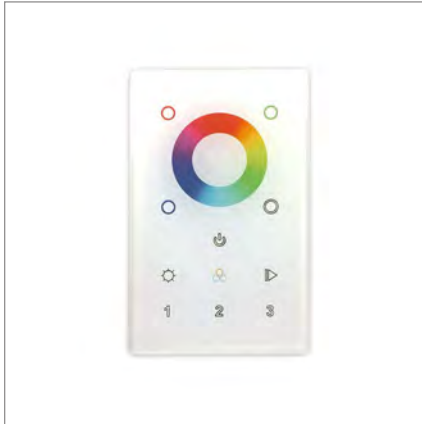


LineLED RGB & RGBW Series Wet Tube

IP65 & IP68 rated Linear LED strip

DMX-3Z-RGBW

RGBW LED 1 or 3 Zone Controller



ORDERING CODE

MODEL	ZONES	COLOR
DMX	3Z	RGBW
DMX - DMX Controller	3Z - Three Zone 1Z - One Zone	RGBW - Red, Green, Blue, & White

DMX /Wireless RGB-W wall-mount controller controls DMX lighting fixtures, wireless control of RGB-W lighting fixture or use both simultaneously. Fits in any standard US switch box. Includes all the outputs in the back of the controller.

Control brightness levels with a single touch, personalize and memorize 3 different scenes, and even create 3 variations of white.

Features

- 2 in 1 in-Wall Controller: DMX Control or Wireless RGB-W
- 65,000 Color Options, Dimming and Speed Control
- Memory Function
- 50 Foot Wireless Range
- Easily Fits Standard US Switch Boxes
- Touch Sensitive Glass Surface
- Includes 10 Built in Programs, or Create and Play Your Own

Operating voltage

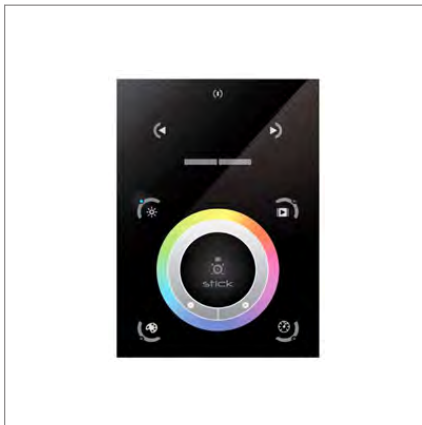
12 - 24V DC

Color parameters

- Brightness
- Saturation
- Primary colors
- Fading
- Color changing speed

Touch DMX Controller

Touchscreen digital LED controller



ORDERING CODE

MODEL
TSDMX-E

TSDMX-E - Touchscreen DMX controller

Programmable advanced DMX512 lighting controller featuring a touch-screen interface. Operates as stand alone controller or integrated with most architectural lighting control systems. Can controller endless DMX512 enabled devices.

Mounts to standard single or dual gang wall box with the included power supply inside the junction box. Terminal block design for power and data connections.

Features

- Sleek glass design which sits 0.43" from the wall
- Graphical color display to show selected environment
- Color/dimmer/speed palette
- Color temperature mixing
- Touch sensitive buttons. No mechanical parts
- Touch sensitive wheel allows for accurate color selection
- Multi-zone microSD memory
- Multi-room control with 500 scenes, 10 zones
- 1024 DMX channels. Control 340 RGB fixtures
- USB & Ethernet connectivity for programming and control

Power supply

7 VDC (included)

Programmability

PC, Mac, Tablet, Smartphone

Output signal

DMX512 (1024 channels)

Color parameters

- Brightness
- Saturation
- Speed of color changing sequence
- Fading / dimming / brightness

LineLED RGB & RGBW Series Wet Tube

IP65 & IP68 rated Linear LED strip



DMX decoder

DMX signal to RGBW decoder (required to operate DMX controller)



Translates controller DMX512 programs for RGB and white LED strips.

Unique DMX address for the decoder can be set easily and displayed by the numeric display on the case. Changing and resetting the DMX address requires manual input.

Use power repeater to expand output.

Operating voltage

12-36 VDC

Power capacity

up to 96W at 24V

Operating temperature range

from -4°F to +122°F in case

ORDERING CODE

MODEL

DDMX-RGBW

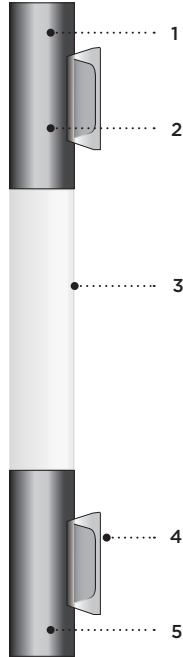
DDMX-RGBW - DMX decoder

LUMINIS®

CL315/CL325/CL345 SERIES
LumiSTIK - LED
3" WALL

USE THIS ONE

TYPE: _____	QUANTITY: _____	PROJECT: _____					
CATALOG NUMBER: _____	FIXTURE _____	WATTAGE _____	VOLTAGE _____	FINISH _____	OPTION _____	OPTION _____	OPTION _____



ADA Compliant

- 1- Optional uplight component with sealed optics.
- 2- Ø 3" (76mm) seamless extruded aluminum housing for electrical components.
- 3- Ø 3" (76mm) white translucent high impact UV stabilized acrylic lens.
- 4- Cast aluminum mounting box.
- 5- Optional downlight component with sealed optics.

All stainless steel hardware.

CL315/CL325/CL345



MATERIALS

LumiSTIK wall is made of seamless extruded corrosion resistant 356 aluminum alloy with a copper (CU) content of less than 0.1%. LED is contained in a white translucent high impact UV stabilized acrylic sealed lens. The assembly is designed to provide a uniform illumination.

ELECTRICAL

DRIVER Standard driver is 0-10V dimming-ready (dims to 10%) with: 120-277 multi-volt compatibility (50-60Hz), operating temperatures of -30°C/-22°F to 60°C/140°F, output over voltage protection, output over current protection, output short circuit protection with auto-recovery.

LED Standard 4000K CCT/80 CRI. Optional 3000K & 3500K.

LIFE

50,000hrs L85B50 (based on IESNA TM-21 Test Method and LM-80 data).

FINISH

Five-stage preparation process including preheating of cast aluminum parts for air extraction, and an environmentally friendly alloy sealant. Polyester powder coating is applied through an electrostatic process and oven cured for long term finish.

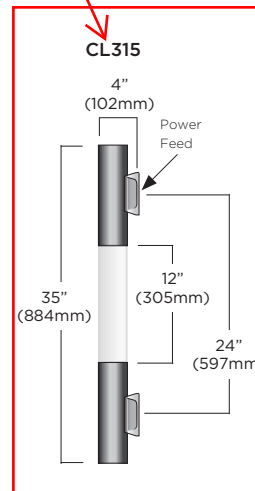
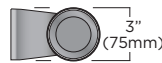
MOUNTING

Weight: CL315: 7.8 lbs (3.5 kg), CL325: 8.7 lbs (4 kg), CL345: 10.4 lbs (4.7 kg)
The mounting plate is designed to fit on a 2X4" (51x102mm) rectangular electrical box using 3.156" (80mm) C/C mounting holes. Optional trimming plate for octagonal jbox (option MT4).

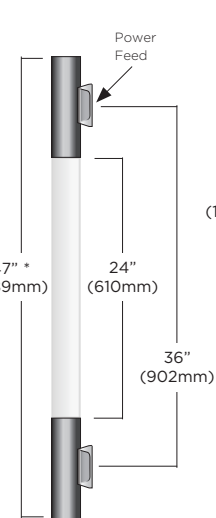
CERTIFICATION

Tested to UL1598 and CSA 22.2 #250. ETL listed wet location. Rated IP66.

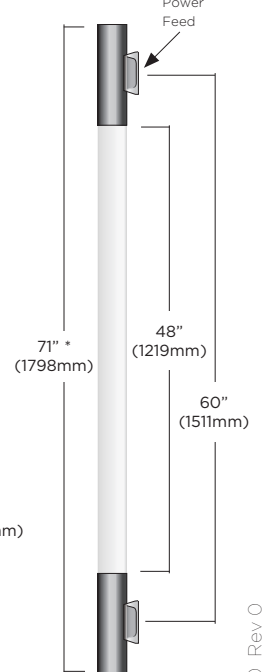
USE THIS ONE



CL325



CL345



*OAH increases when UDL option is selected. See Note #4 on pg2.

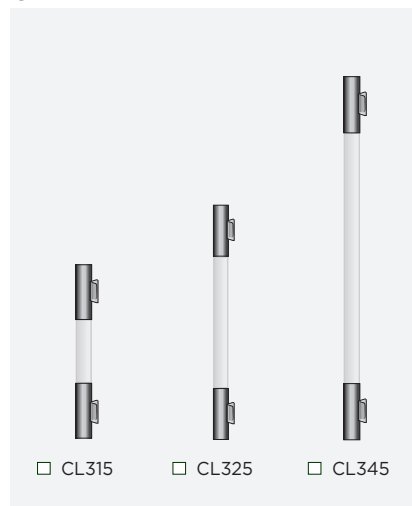
CL315/CL325/CL345 SERIES

LumiSTIK - LED

ADA Compliant

LUMINAIRE SELECTION

1 MODEL#



2 LED LIGHT SELECTION (4000K/80CRI)

	SUFFIX	INPUT WATTS	DELIVERED LUMENS
CL315	<input type="checkbox"/> L56W10	10W	830
	SUFFIX	INPUT WATTS	DELIVERED LUMENS
CL325	<input type="checkbox"/> L112W10	10W	830
	<input type="checkbox"/> L112W20	20W	1640
	<input type="checkbox"/> L112W30	30W	2250
	SUFFIX	INPUT WATTS	DELIVERED LUMENS
CL345	<input type="checkbox"/> L224W20	20W	1660
	<input type="checkbox"/> L224W40	40W	3240

3 VOLTAGE¹

- ☐ 120V
☐ 277V

4 FINISH

STANDARD COLORS

- ☐ WHT Snow white
☐ BKT Jet black
☐ BZT Bronze
☐ MST Matte silver
☐ GRT Titanium gray
☐ DGT Gun metal
☐ CHT Champagne
☐ SGT Steel gray
☐ BGT English cream

(Refer to color chart)

OPTIONAL COLORS

- ☐ CS Custom color
☐ RAL RAL# color

OPTIONS

ELECTRICAL

- ☐ FS Fuse
☐ REML2-50 7W remote emergency battery backup for LED, 90 min.
Remote mount 50ft - 12" square enclosure with access cover²

MOUNTING

- ☐ MT4 Trim panel for octagonal box
☐ SWK Adaptor box for surface 3/4" conduit feed

LIGHT & OPTICS

Alternate CCT °K LED (LCF: Lumen conversion factor)

- ☐ K3 3000K CCT 80 CRI (LCF: 0.94)
☐ K35 3500K CCT 80 CRI (LCF: 0.983)

NOTE: Other CCT & higher CRI available, please consult factory.

REFLECTORS & UP/DOWN LIGHT COMPONENT³

Alternate reflector optics (26° Standard reflector) Reflector/spread lens combinations can be selected independently for up/down light. Select both reflector type by adding U & D to the suffix. (i.e. R40U R26D is 40° up and 26° down)

- ☐ R26 26° reflector optics (standard reflector)
☐ R40 40° flood optic
☐ UL Uplight (12W, 1078 delivered lumens)
☐ DL Downlight (12W, 1078 delivered lumens)
☐ UDL Uplight and downlight (24W, 2156 delivered lumens)⁴

NOTES

- 1- If no voltage is specified, luminaires are factory prewired by default for 120V. For other voltages, please specify with catalog number, or consult factory.
- 2- The remote enclosure must be interior. When DL (downlight component) is selected, battery powers the DL module unless otherwise specified.
- 3- Must select downlight component and reflector (otherwise 26° reflector optics will be offered by default). Uplight and downlight CCT will match CCT selected for fixture.
- 4- UDL option increases OAH for the following models: CL325-L112W20/L112W30 (OAH=54.5"), CL345-L224W20/L224W40 (OAH=78.5")

Please visit our web site www.luminis.com for complete I.E.S. formatted download data.

LUMINIS

LUMINIS | Toll free: 866.586.4647 Fax: 514.683.8872 Email: info@luminis.com
260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

Luminaires may be altered for design improvement or discontinued without prior notice.

LUMINIS.COM

Mar 2020 Rev 0



Kurba Horizontal RGB & RGBW is a direct view, small profile, energy efficient and flexible LED strip suitable for wet locations capable of horizontal bends up to 2.5" radius. Built with robust factory made power feeds or joiners, Kurba Horizontal mounts to a specifically designed aluminum extruded channel.

Operating voltage
24 VDC

Operating temperature
-4°F to 113°F
(-20°C to 45°C)

Average life
50,000 hours

Approvals
Class 2 wet listed, IP67

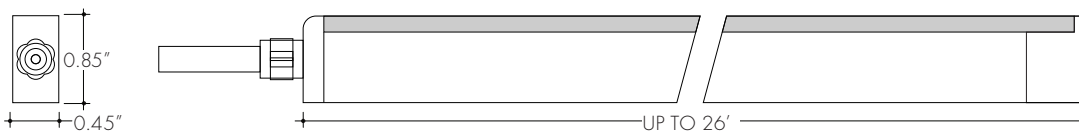
Warranty
3 years

Applications:
Outdoor wet location



NOTE: can be used as rope lighting that can be white color or different RGB values. and also can be applied in straight runs to highlight towers and accent walls too

Kurba dimensions

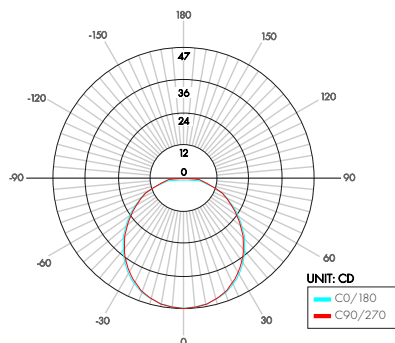


Technical information

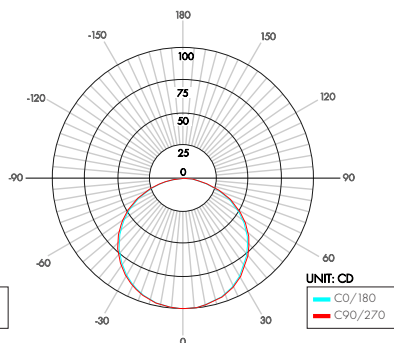
MODEL	RGB	RGBW (4000K)
LEDS/ft	18	18
Light output	Red: 6 lm/ft Green: 23 lm/ft Blue: 6 lm/ft All on: 34 lm/ft	Red: 12 lm/ft Green: 37 lm/ft Blue: 8 lm/ft White: 38 lm/ft All on: 95 lm/ft
Average power consumption at 4'	3.65 W/ft	4.57 W/ft
Ordering increment	3.93"	3.93"
Maximum run length (in series)	26 ft	20 ft

CANDLE POWER DISTRIBUTION

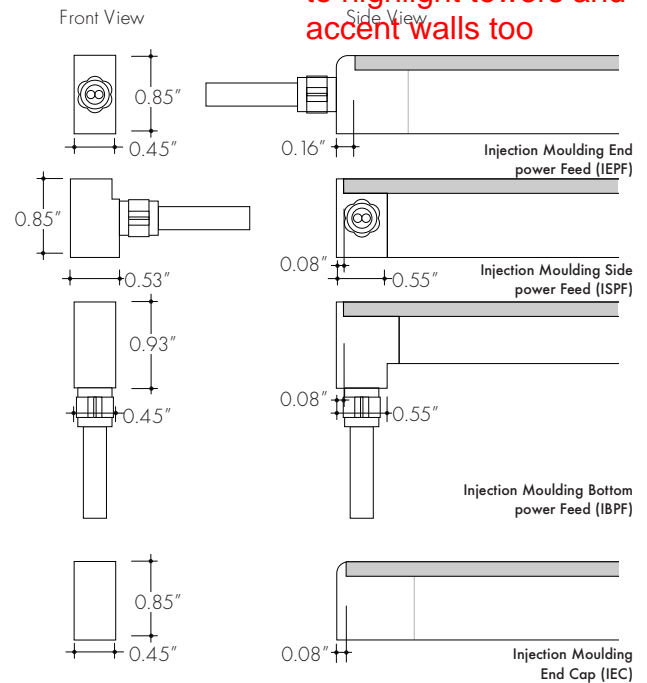
KBM-RGB-XX



KBM-RGBW-XX



Section Start/End Powerfeed option



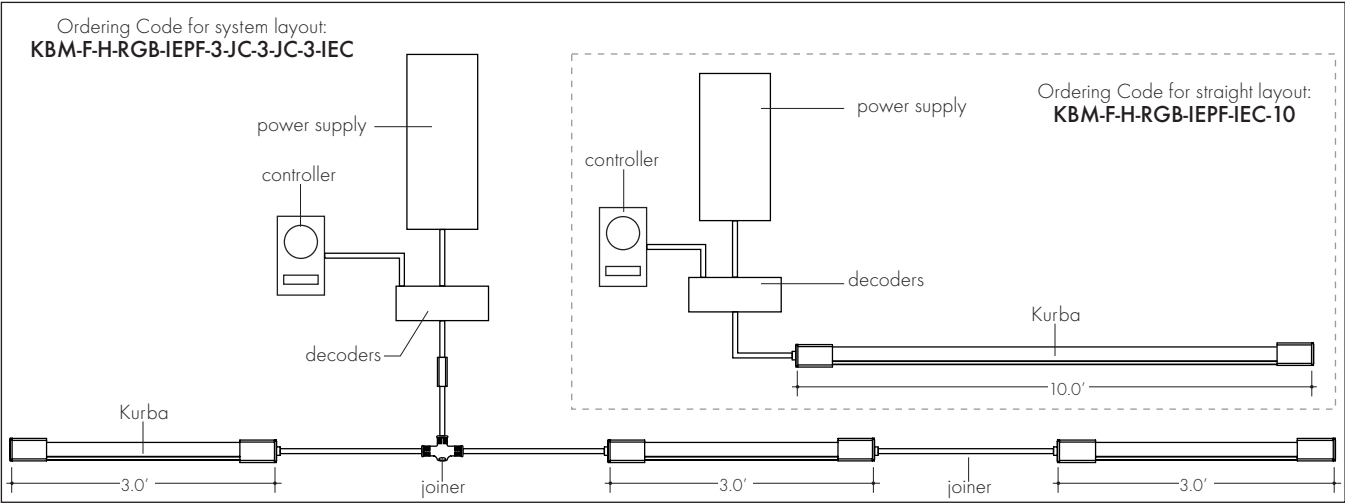
additional details on 3

Ordering code for straight run

MODEL	COLOR	SECTION START	SECTION END	LENGTH
KBM-F-H	RGB	IEPF	IEC	
KBM - Kurba medium, flat horizontal	RGB - Red, Green, & Blue RGBW - Red, Green, Blue, & White (4000K)	IEPF - Injection Moulding End power feed (72" wire lead) IBPF - Injection Moulding Bottom power feed (72" wire lead) ISPF - Side power feed (72" wire lead)	IEC - Injection Moulding End cap IEPF - Injection Moulding End power feed (72" wire lead) IBPF - Injection Moulding Bottom power feed (72" wire lead) ISPF - Side power feed (72" wire lead)	view table above for ordering increment, for additional information reference page 3

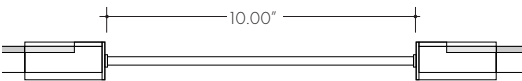
Kurba System Run

Sample layout



SECTION START/END OPTIONS

Joiner (JC)

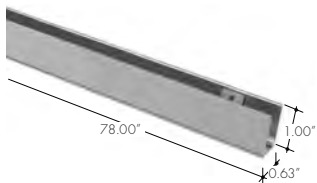


MODEL	COLOR	SECTION START	FIXTURE LENGTH	JOINER TYPE	FIXTURE LENGTH	SECTION END
KBM-F-H	RGB	IEPF		JC		IEC
KBM - Kurba medium, flat horizontal	RGB - Red, Green, & Blue RGBW - Red, Green, Blue, & White (4000K)	IEPF - Injection Moulding End power feed (72" wire lead) IBPF - Injection Moulding Bottom power feed (72" wire lead) ISPF - Side power feed (72" wire lead)	view table on page 1 for ordering increment	JC - Joiner	reference page 3 for actual measurements	IEPF - Injection Moulding End power feed (72" wire lead) IBPF - Injection Moulding Bottom power feed (72" wire lead) ISPF - Side power feed (72" wire lead)

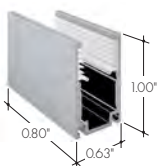
Each system run must be kept under power supply max wattage. Refer to page 4 for power supply information. Additional runs can be added to system, by continuing the same ordering code logic reference sample above.

Mounting Accessories & Optional Connectors

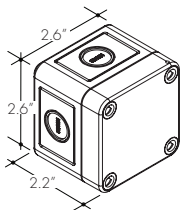
aluminum channel
Part # MC-KBM-F-H-78



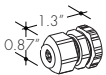
mounting bracket,
recommended every 8 inches
Part # MB-KBM-F-H-ST



Splice Box: Wet rated, low voltage splice box, gray
Part # LVSP-WVET



Connector: Low voltage splice box wet cable management gray
Part # LVSP-WET-CM



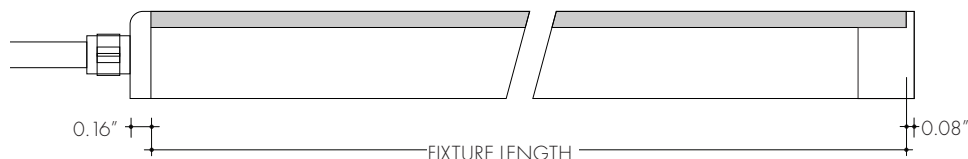
Power consumption per fixture length

Based on operation with PSD series of power supplies.

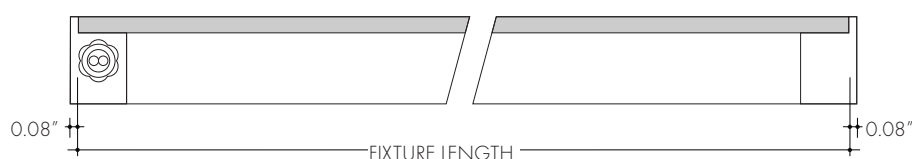
	RGB (max 26')	RGBW (max 20')							
Nominal Length	Total wattage	Total wattage	Cut Increment (3.93")	Actual Length (in)	Cut Increment (3.93")	Actual Length (in)	Cut Increment (3.93")	Actual Length (in)	Cut Increment (3.93")
1'	3.65	4.57	1	3.93"	26	102.36"	51 (17 FT)	200.79"	76 (25 FT)
2'	6.40	8.00	2	7.87"	27 (9 FT)	106.30"	52	204.72"	77
3'	9.90	12.38	3 (1 FT)	11.81"	28	110.24"	53	208.66"	78
4'	13.70	17.13	4	15.75"	29	114.17"	54 (18 FT)	212.60"	79 (26 FT)
5'	16.40	20.50	5	19.69"	30 (10 FT)	118.11"	55	216.54"	
6'	20.10	25.13	6 (2 FT)	23.62"	31	122.05"	56	220.47"	
7'	23.80	29.75	7	27.56"	32	125.98"	57 (19 FT)	224.41"	
8'	26.50	33.13	8	31.50"	33 (11 FT)	129.92"	58	228.35"	
9'	30.40	38.00	9 (3 FT)	35.43"	34	133.86"	59	232.28"	
10'	34.10	42.63	10	39.37"	35	137.80"	60 (20 FT)	236.22"	
11'	36.80	46.00	11	43.31"	36 (12 FT)	141.73"	61	240.16"	
12'	40.10	50.13	12 (4 FT)	47.24"	37	145.67"	62	244.09"	
13'	44.00	55.00	13	51.18"	38	149.60"	63	248.03"	
14'	46.70	58.38	14	55.12"	39 (13 FT)	153.54"	64 (21 FT)	251.97"	
15'	50.50	63.13	15 (5 FT)	59.06"	40	157.48"	65	255.91"	
16'	53.90	67.38	16	62.99"	41	161.42"	66	259.84"	
17'	56.50	70.63	17	66.93"	42 (14 FT)	165.35"	67 (22 FT)	263.78"	
18'	60.40	75.50	18 (6 FT)	70.87"	43	169.29"	68	267.72"	
19'	63.80	79.75	19	74.80"	44	173.23"	69	271.65"	
20'	66.70	83.38	20	78.74"	45 (15 FT)	177.17"	70 (23 FT)	275.59"	
21'	70.00		21 (7 FT)	82.68"	46	181.10"	71	279.53"	
22'	73.40		22	86.61"	47	185.04"	72	283.46"	
23'	76.00		23	90.55"	48 (16 FT)	188.98"	73 (24 FT)	287.40"	
24'	79.50		24 (8 FT)	94.49"	49	192.91"	74	291.34"	
25'	82.10		25	98.43"	50	196.85"	75	295.28"	
26'	85.30								tolerance +/- 0.25"

Must take into consideration endcap (reference below) for complete length

Injection Moulding Model (End feed)



Injection Moulding Model (Side & Bottom feed)

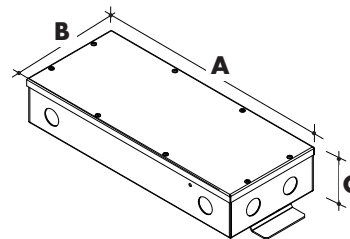


Power supply

See fixture and power supply instructions & spec sheet for wiring information. Dimming possible in select models - view luminii website for list of compatible dimmers.

Non-Dimming Power Supply

MODEL	POWER	OUTPUT	DIMMING	LOCATION
PSV	96	24	U2ND	D
PSV - PSV Series	96 - 96 Watt	24 - 24 VDC	U2ND - Non Dimming	D - Dry Location



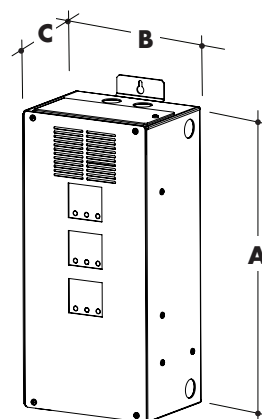
MODELS	96W
A Length	14.40"
B Width	5.20"
C Depth	2.60"

DMX Dimming Power Supplies

MODEL	POWER	OUTPUT
PSDMX	96	24
PSD - DMX Power Supply	96 - 96 Watt 3X96 - 3 X 96 Watt	24 - 24 VDC

Features eldoLED's LINEARdrive configurable dimmable drivers

MODELS	96	3X96
A Length	14.40"	15.75"
B Width	5.20"	6.60"
C Depth	2.60"	4.80"



DMX-3Z-RGBW

RGBW LED 1 or 3 Zone Controller



DMX /Wireless RGB-W wall-mount controller controls DMX lighting fixtures, wireless control of RGB-W lighting fixture or use both simultaneously. Fits in any standard US switch box. Includes all the outputs in the back of the controller.

Control brightness levels with a single touch, personalize and memorize 3 different scenes, and even create 3 variations of white.

ORDERING CODE

Model	Zones	Color
DMX	3Z	RGBW
DMX - DMX controller	3Z - Three Zone 1Z - One Zone	RGBW - Red, Green, Blue & White

Operating voltage
12 - 24V DC

Features

- 2 in 1 in-Wall Controller: DMX Control or Wireless RGB-W
- 65,000 Color Options, Dimming and Speed Control
- Memory Function
- 50 Foot Wireless Range
- Easily Fits Standard US Switch Boxes
- Touch Sensitive Glass Surface
- Includes 10 Built in Programs, or Create and Play Your Own

Color parameters

- Brightness
- Saturation
- Primary colors
- Fading
- Color changing speed

Touch DMX Controller

Touchscreen digital LED controller



ORDERING CODE

Model

TSDMX-E

TSDMX-E - Touchscreen DMX controller

Programmable advanced DMX512 lighting controller featuring a touch-screen interface. Operates as stand alone controller or integrated with most architectural lighting control systems. Can controller endless DMX512 enabled devices.

Mounts to standard single or dual gang wall box with the included power supply inside the junction box. Terminal block design for power and data connections.

Power supply

7 VDC (included)

Programmability

PC, Mac, Tablet, Smartphone

Output signal

DMX512 (1024 channels)

Color parameters

- Brightness
- Saturation
- Speed of color changing sequence
- Fading / dimming / brightness

Key Features

- Sleek glass design which sits 0.43" from the wall
- Graphical color display to show selected environment
- Color/dimmer/speed palette
- Color temperature mixing
- Touch sensitive buttons. No mechanical parts
- Touch sensitive wheel allows for accurate color selection
- Multi-zone microSD memory
- Multi-room control with 500 scenes, 10 zones
- 1024 DMX channels. Control 340 RGB fixtures
- USB & Ethernet connectivity for

DMX decoder

DMX signal to RGBW decoder (required to operate DMX controller)



Translates controller DMX512 programs for RGB and white LED strips.

Unique DMX address for the decoder can be set easily and displayed by the numeric display on the case. Changing and resetting the DMX address requires manual input.

Use power repeater to expand output.

Operating voltage

12-36 VDC

Power capacity

up to 96W at 24V

Operating temperature range

from -4 °F to +122 °F in case

ORDERING CODE

Model

DDMX-RGBW

DDMX-RGBW - DMX decoder

Date: _____ Customer: _____

Project: _____

Type: _____ Qty: _____

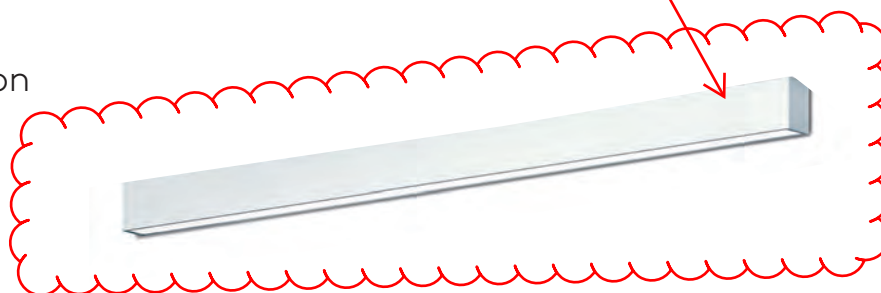
selux

**THIS IS THE 2 INCH OPTION
IF THE 4 INCH DOESN'T FIT
WITHIN WIDEFLANGE
BEAMS AT THE DECKS**

M60

LED Direct

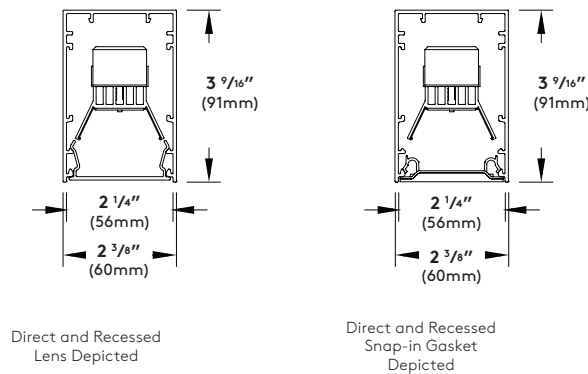
Wet Location



**Use 2700k to
get a warmness
glow**

Order Code: L60W - - - - -

L60W	Series	L60W M60 LED Direct Wet Location												
Light Engine		1C45 ^{1,2,3} 80CRI-1018lm 90CRI-855lm 11.1W per foot		1C40 ^{1,2,3} 80CRI-954lm 90CRI-802lm 9.9W per foot		1C35 ¹ 80CRI-834lm 90CRI-701lm 8.7W per foot		1C30 ^{1,2} 80CRI-746lm 90CRI-627lm 7.3W per foot		1C25 ^{1,2} 80CRI-594lm 90CRI-500lm 6.1W per foot		1C20 ^{1,2} 80CRI-494lm 90CRI-415lm 4.9W per foot		¹ Values calculated from a 4' fixture at 90 CRI, 4000K using LW Shielding and DIM driver. For additional information please see page 2. ² Available starting at 2' and up. ³ Not available with Lutron.
CCT		927 2700K 90+ CRI	930 3000K 90+ CRI	935 3500K 90+ CRI	940 4000K 90+ CRI	827 ⁴ 2700K 80+ CRI	830 ⁴ 3000K 80+ CRI	835 ⁴ 3500K 80+ CRI	840 ⁴ 4000K 80+ CRI	RGBW (consult factory)	⁴ Consult factory for lead times			
Shielding		LW LED Optimized white lens	MI ⁵ Clear Lens with Microprism	NB ⁵ LMO Symmetric	A2 ⁵ LMO Asymmetric 20° Wall Washer	A5 ⁵ LMO Asymmetric 5° Wall Grazer	BW ⁵ LMO Batwing		⁵ See page 2 for details.					
Mounting		RS Rigid Stem Mount	W Wall Mount	F Surface Mount										
Nominal Fixture Length		01* 1 ft.	02 2 ft.	03 3 ft.	04 4 ft.	05 5 ft.	06 6 ft.	07 7 ft.	08 8 ft.	09 9 ft.	10 10 ft.	11 11 ft.	12 12 ft.	XX Runs (over 12') round up to the nearest foot and replace the 'xx' with the # (i.e. 13=13' nominal)
		^{*1'} fixture only available with 1C35 light engine. Individual fixtures and Runs are supplied in nominal lengths to ensure full, even, illumination. See pages 2 through 6 for additional details.												
Finish		WH White	BK Black	BL Semi-Matte Black	SV Silver	SP Specify Premium Color	[*] Custom colors are available, Please consult factory							
Voltage		1 120 Volt	2 277 Volt	U 120 through 277 50/60hz capable	3 347V (consult factory)									
Driver		DIM ⁶ 0-10V 1% (Linear)	DIL ^{6,7} eldoLED 1% ECOdrive 0-10V (Logarithmic)	DED ^{6,7} eldoLED 1% ECOdrive DALI (Logarithmic)	D01 ⁶ eldoLED 0.1% SOLOdrive 0-10V (Linear)	DL01 ^{6,7} eldoLED 0.1% SOLOdrive 0-10V 2-Wire (Linear)	DC2 ^{6,7,8} Lutron 1%	DE1 ^{6,7} Lutron 1% EcoSystem	DC5 Lutron 5% 5-Series (consult factory)	⁶ See page 7 for full details ⁷ Not available for 1' length ⁸ 120V only				
Fixture Options		FS ⁹ In-line Fuse	SS ⁹ Separate Switching	TR ⁹ Tamper Resistant 1/4" End Cap	EFC 1/2" Conduit End Feed	⁹ See page 8 for full details and restrictions								
Emergency Options		EC ^{10,11} Emergency Circuit Wiring	EMR Remote Micro Inverter (consult factory)	EM ^{10,11,12} Integral EM battery pack	¹⁰ See page 8 for full details and restrictions ¹¹ For EM with sensors please consult factory ¹² 4' available with DIM driver only. ≥6' available with all driver options. ¹³ Minimum 32°F									



Construction:

Housing - Continuous, low copper 6063-T6 extruded aluminum profile with aluminum endcaps, available as Individual fixtures (up to 12') or Runs.

Geartray - Low copper 6063-T6 extruded aluminum profile.

Shielding - Extruded, impact resistant acrylic lens:

- LED Optimized White Lens (LW)
- Clear Lens with Microprism (MI)

* Please note that the snap-in cover is a frosted acrylic, and will not match the visual appearance of the MI Lens.

"LMO" refers to the Selux proprietary LED optical system - Light modulation optics. These lenses are offered in M60 behind a Satine Lens for even illumination and comfortable lit appearance.

- "LMO" Symmetric lens (NB)
- "LMO" Asymmetric 20° Wall Washer (A2)
- "LMO" Asymmetric 5° Wall Grazer (A5)
- "LMO" Batwing (BW)

Gasketing - Frosted acrylic snap-in cover at ends and each joint, combined with transmissive gasket ensures ease of installation and a clean, illuminated surface.

*Housings other than White may have additional shadowing at the cover plates.

Tamper Resistant - Aluminum plates with gasket and tamper-resistant hardware replaces the snap-in cover at ends and joints. Painted housing color by default.

Mounting(s) - Ø5/8" Rigid Steel Stem (RS), Wall Bracket (W), Surface mount (F), See pages 3 through 5 for details.

** Stem and Wall mountings may not be symmetrical for Runs due to the use of modular housing lengths. If symmetrical suspensions are required please consult the factory.

Standard Luminaire lengths - All standard luminaires are supplied in nominal lengths to ensure full, even, illumination. Runs are available in approximately 1/4" increments starting at the nominal 12' fixture length.

** Individual luminaires are not joinable in the field.

Exact Luminaire lengths - Individual luminaires and Runs are available in exact lengths to meet your project needs. Please consult factory with your requirements.
** Lens luminance may soften at the very ends of the straight sections for exact length luminaires.

L60W Joiner(s) - Runs are supplied in multiple housings that are joined together in the field using the supplied L60W Joiner System. This allows ease of installation and ensures a uniform appearance (see page 8 for detail).

Weight: 2.4 lb. per foot.

Electrical/Performance:

LED Light Engine - Brand-name mid-power LEDs create a high efficiency LED light engine able to provide a lumen maintenance of 95% at 25,000 hours and 90% at 60,000 hours at 25°C per TM-21 reports. Reported L70 greater than 60,000 hours.

Photometrics - Consult website or factory for IES Files. Independent photometric lumen measurement complies with IES LM-79-08 testing procedures. Due to the LED manufacturer's tolerances, the listed output has a ±5% tolerance. For outputs based on different optics or CCT, please see pages 9-11 for details.

CCT - Available in 2700K, 3000K, 3500K and 4000K, tolerance within a 3-step MacAdam ellipse.

CRI - 90+ and 80+ CRI. Consult factory for lead times of 80 CRI.

All Drivers - High efficiency, constant current, soft start, Electronic Class 2 with a PFC>0.90. For more detailed information on the available drivers please see page 6.

Emergency - There are multiple emergency options available - emergency circuit, remote micro inverter, and integral battery pack. All options compliant with UL 924 listed emergency luminaire. Please consult factory for use of sensors with emergency options. For more details on EC and EM options, see page 8.

Thermal Performance:

Ambient Operating Temperature - Luminaires suitable for maximum ambient temperature of 35°C (95°F) for all drivers.

Luminaires are suitable for minimum ambient temperatures of -40°C (-40°F) for DIM, DIL, DED, D01, and DL01 drivers. 0°C (32°F) for DC2 and DE1 drivers.

Luminaire Finish:

Powder Coat - All Selux luminaires are finished in high quality polyester powder coating in our Tiger Drylac certified facility and are tested in accordance with test specifications for coatings from ASTM and PCI.

All products undergo a five stage intensive pretreatment process where product is thoroughly cleaned, phosphated, and sealed. Selux powder coated products provide excellent salt and humidity resistance as well as ultra violet resistance for color retention.

Standard interior colors are White (WH), Black (BK), Semi-Matte Black (BL), and Silver (SV). Selux premium colors (SP) are available, please specify from your Selux color selection guide. Housing colors other than White may have additional shadowing at the cover plates.

Warranty:

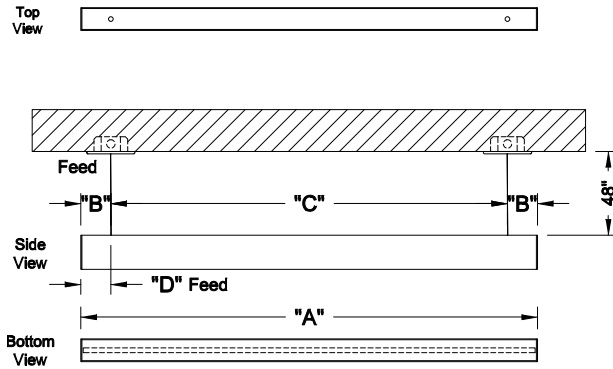
5 Year Limited LED Luminaire Warranty - Selux offers a 5 Year Limited Warranty to the original purchaser that the M60 series LED luminaire shall be free from defects in material and workmanship for up to five (5) years from date of shipment. This limited warranty covers the LED driver and LED light engine when installed according to Selux instructions and operated within the Ambient Temperature. For additional details and exclusions, see "Selux Terms and Condition of Sale."

Certifications and Compliance:

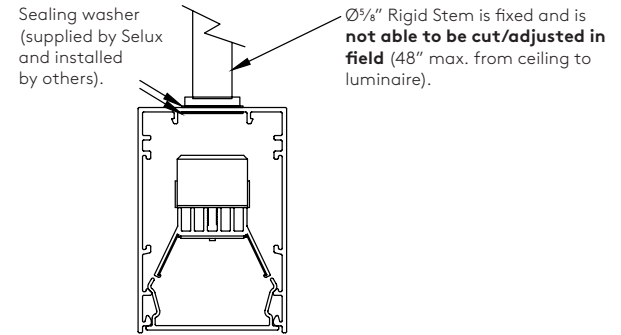
NRTL - For Dry, Damp, and Wet location (I.E. cULus; cCSAus)
Suitable for stem mount, and ceiling surface mount or direct horizontal wall mount locations

ADA Compliant
ARRA Compliant
RoHS Compliant

Rigid Stem Mounting (RS)



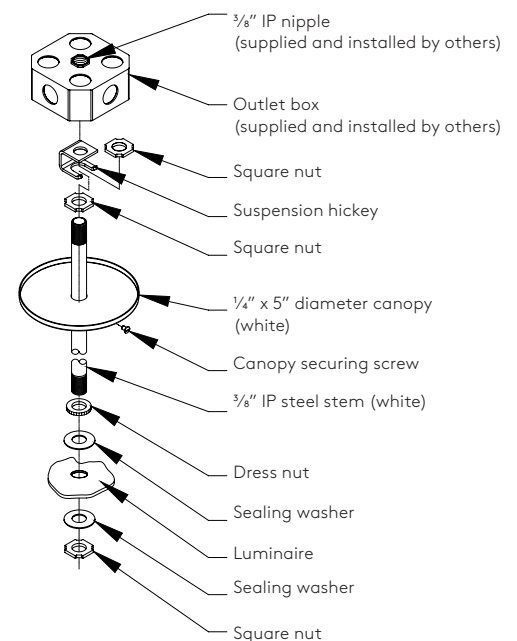
Rigid Stem Mounting (RS)



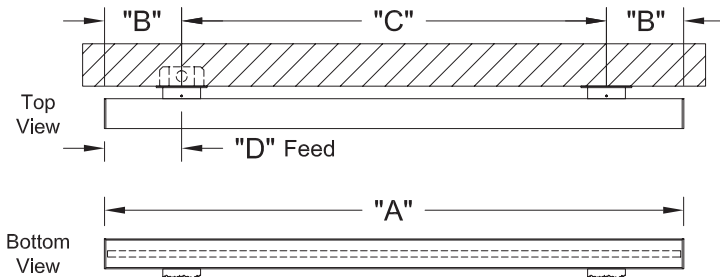
Rigid Stem (RS) Mountings - Dimensions								
Nominal Length	"A" Housing Length		* "B" (Ref.) End Suspensions		"C" Mid. Suspension		"D" Feed Location	
	Feet/Inch	MM	Feet/Inch	MM	Feet/Inch	MM	Feet/Inch	MM
01 (1 ft.)	1' - 1/4"	311	2 1/8"	54	0' - 8"	203	0' - 2 1/8"	54
02 (2 ft.)	2' - 1/4"	616	2 1/8"	54	1' - 8"	508	0' - 2 1/8"	54
03 (3 ft.)	3' - 1/4"	921	3 1/8"	79	2' - 6"	813	0' - 3 1/8"	79
04 (4 ft.)	4' - 1/4"	1225	3 1/8"	79	3' - 6"	1117	0' - 3 1/8"	79
05 (5 ft.)	5' - 1/4"	1530	3 1/8"	79	4' - 6"	1422	0' - 3 1/8"	79
06 (6 ft.)	6' - 1/4"	1835	3 1/8"	79	5' - 6"	1727	0' - 3 1/8"	79
07 (7 ft.)	7' - 1/4"	2140	3 1/8"	79	6' - 6"	2032	0' - 3 1/8"	79
08 (8 ft.)	8' - 1/4"	2445	3 1/8"	79	7' - 6"	2337	0' - 3 1/8"	79
09 (9 ft.)	9' - 1/4"	2749	3 1/8"	79	8' - 6"	2641	0' - 3 1/8"	79
10 (10 ft.)	10' - 1/4"	3054	3 1/8"	79	9' - 6"	2946	0' - 3 1/8"	79
11 (11 ft.)	11' - 1/4"	3359	3 1/8"	79	10' - 6"	3251	0' - 3 1/8"	79
12 (12 ft.)	12' - 1/4"	3664	3 1/8"	79	11' - 6"	3556	0' - 3 1/8"	79

*Dimension(s) rounded to the nearest 1/16" with a ± 1/16" (1mm) tolerance.

L60W Rigid Stem (RS) Suspension Detail (feed wires through stem supplied by others)



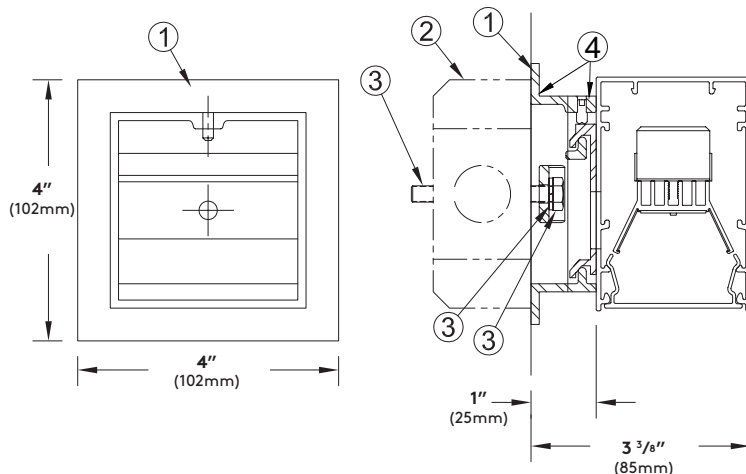
Wall Mounting (W)



Wall Mounting (W) - Dimensions								
Nominal Length	"A" Housing Length		* "B" (Ref.) End Suspensions		"C" Mid. Suspension		"D" Feed Location	
	Feet/Inch	MM	Feet/Inch	MM	Feet/Inch	MM	Feet/Inch	MM
01 (1 ft.)	1' - 1/4"	311	0' - 6 1/8"	156	N/A		0' - 6 1/8"	156
02 (2 ft.)	2' - 1/4"	616	0' - 3 1/8"	79	1' - 6"	458	0' - 3 1/8"	79
03 (3 ft.)	3' - 1/4"	921	0' - 6 1/8"	156	2' - 0"	610	0' - 6 1/8"	156
04 (4 ft.)	4' - 1/4"	1226	0' - 6 1/8"	156	3' - 0"	914	0' - 6 1/8"	156
05 (5 ft.)	5' - 1/4"	1530	0' - 6 1/8"	156	4' - 0"	1219	0' - 6 1/8"	156
06 (6 ft.)	6' - 1/4"	1835	0' - 6 1/8"	156	5' - 0"	1524	0' - 6 1/8"	156
07 (7 ft.)	7' - 1/4"	2140	0' - 6 1/8"	156	6' - 0"	1829	0' - 6 1/8"	156
08 (8 ft.)	8' - 1/4"	2445	0' - 6 1/8"	156	7' - 0"	2134	0' - 6 1/8"	156
09 (9 ft.)	9' - 1/4"	2750	0' - 6 1/8"	156	8' - 0"	2438	0' - 6 1/8"	156
10 (10 ft.)	10' - 1/4"	3054	0' - 6 1/8"	156	9' - 0"	2743	0' - 6 1/8"	156
11 (11 ft.)	11' - 1/4"	3359	0' - 6 1/8"	156	10' - 0"	3048	0' - 6 1/8"	156
12 (12 ft.)	12' - 1/4"	3664	0' - 6 1/8"	156	11' - 0"	3353	0' - 6 1/8"	156

*Dimension(s) rounded to the nearest 1/16" with a $\pm 1/16$ " (1mm) tolerance.

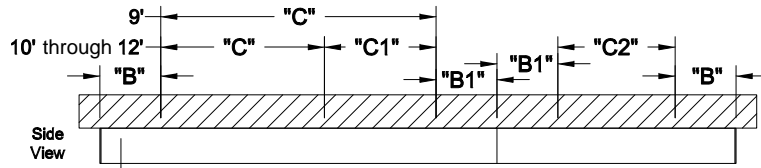
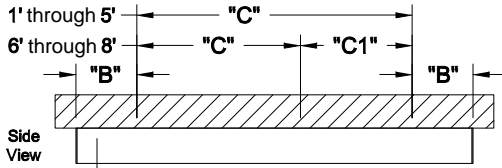
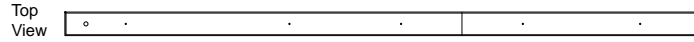
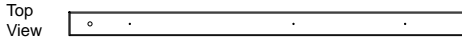
Wall Mounting (W) (Covers a 4x4 or 2x4 J-Box)



1. Aluminum wall bracket (by Selux)
2. 4"x4" or 2"x4" J-Box at feed location (supplied and installed by others).
3. 1/4"-20 Threaded rod, 1/4"-20 lock washer and 1/4"-20 nut required to anchor the wall bracket. Mounting hardware supplied and installed to code by others.
4. Black sealing gasket (by Selux).

Surface Mounting (F) - 1' to 8'

Surface Mounting (F) - Over 9' to 12'

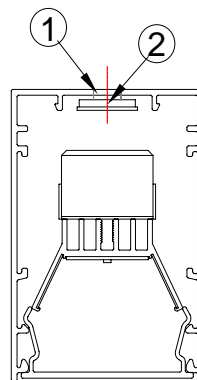


Surface Mount (FF, F2, & F4) - Dimensions

Nominal Length	"A" Housing Length		* "B" (Ref.) End Suspensions		* "B1" End Suspensions		"C" Mid. Suspension		"C1" Mid. Suspension		"C2" Mid. Suspension		"D" Feed Location	
	Feet/Inch	MM	Feet/Inch	MM	Feet/Inch	MM	Feet/Inch	MM	Feet/Inch	MM	Feet/Inch	MM	Feet/Inch	MM
01 (1 ft.)	1' - 1/4"	311	1 5/8"	41	N/A		0' - 9"	229	N/A		N/A		0' - 4 1/8"	105
02 (2 ft.)	2' - 1/4"	616	1 5/8"	41	N/A		1' - 9"	533	N/A		N/A		0' - 4 1/8"	105
03 (3 ft.)	3' - 1/4"	921	6 1/8"	156	N/A		2' - 0"	610	N/A		N/A		0' - 2 1/8"	54
04 (4 ft.)	4' - 1/4"	1226	6 1/8"	156	N/A		3' - 0"	914	N/A		N/A		0' - 2 1/8"	54
05 (5 ft.)	5' - 1/4"	1530	6 1/8"	156	N/A		4' - 0"	1219	N/A		N/A		0' - 2 1/8"	54
06 (6 ft.)	6' - 1/4"	1835	6 1/8"	156	N/A		3' - 0"	914	2' - 0"	610	N/A		0' - 2 1/8"	54
07 (7 ft.)	7' - 1/4"	2140	6 1/8"	156	N/A		3' - 0"	914	3' - 0"	914	N/A		0' - 2 1/8"	54
08 (8 ft.)	8' - 1/4"	2445	6 1/8"	156	N/A		3' - 0"	914	4' - 0"	1219	N/A		0' - 2 1/8"	54
09 (9 ft.)	9' - 1/4"	2750	6 1/8"	156	6"	152	4' - 0"	1219	N/A		3'	914	0' - 2 1/8"	54
10 (10 ft.)	10' - 1/4"	3054	6 1/8"	156	6"	152	3' - 0"	914	2' - 0"	610	3'	914	0' - 2 1/8"	54
11 (11 ft.)	11' - 1/4"	3359	6 1/8"	156	6"	152	3' - 0"	914	3' - 0"	914	3'	914	0' - 2 1/8"	54
12 (12 ft.)	12' - 1/4"	3664	6 1/8"	156	6"	152	3' - 0"	914	4' - 0"	1219	3'	914	0' - 2 1/8"	54

*Dimension(s) rounded to the nearest 1/16" with a ± 1/16" (1mm) tolerance.

Surface Mount (F)



1. Ø5/16" Mounting hole drilled at the factory (mounting hardware to code by others).
2. 1/4"-20 sealing washer (supplied by Selux, installed by others).

*Please note: Fixture does not cover a 4x4 J-box
For Horizontal Mounting only

Drivers:

0-10V linear dimming (DIM)

Luminaires supplied with drivers offering the capability of either normal switched operation of 0-10V dimming for linear dimming curve. Fixtures ship wired for dimming. For on/off functionality, simply cap the dimming leads. Minimum dimming level preset at factory to 1%. (Due to size constraints, 1' side length luminaires are supplied with a driver from a different manufacturer than 2' and above luminaires. For details, please consult factory).

0-10V logarithmic eldoLED ECOdrive dimming (DIL)

Luminaires supplied with drivers offering the capability of either normal switched operation of 0-10V dimming for logarithmic dimming curve, Fixtures shipped wired for dimming. For on/off functionality, simply cap the dimming leads. Minimum dimming level preset at factory to 1%.

eldoLED ECOdrive DALI dimming (DED)

Luminaires supplied with ECOdrive DALI dimming driver with logarithmic dimming curve. Minimum dimming level preset at factory to 1%. For "dim to dark" (down to 0.1%), please consult factory.

eldoLED SOLOdrive 0-10V linear dimming (D01)

Luminaires supplied with SOLOdrive 0-10V dimming driver with linear dimming curve. Minimum dimming level preset at factory to 0.1% and "dim to dark".

eldoLED SOLOdrive 0-10V logarithmic dimming (DL01)

Luminaires supplied with SOLOdrive 0-10V dimming driver with logarithmic dimming curve. Minimum dimming level preset at factory to 0.1% and "dim to dark".

LUTRON 2-wire dimming (DC2)

Luminaires supplied with Hi-Lume 2-wire dimming driver (120V only) programmed for Constant Current Reduction (CCR). For Pulse Width Modulation (PWM) dimming, please consult factory. Minimum dimming level down to 1%.

LUTRON EcoSystem dimming (DE1/DC5)

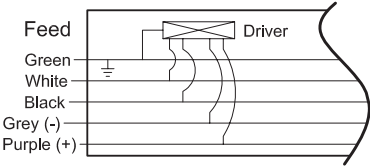
Luminaires supplied with Hi-Lume EcoSystem (4 wire, digital link) dimming driver programmed for Constant Current Reduction (CCR). Minimum dimming level down to 1% (DE1) with SoftOn/FadeToBlack or 5% (DC5).

* For control recommendations, please contact driver manufacturer.

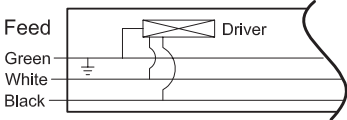
Driver Quantity													
Light Engine	Dimming Code	Length											
		1ft	2ft	3ft	4ft	5ft	6ft	7ft	8ft	9ft	10ft	11ft	12ft
1C20	DIM/DIL	N/A	1							2	2	1	
	D01/DL01/DED									3		2	2
	DE1/DC5		3	3	2								
	DC2		1							2	2	1	
DIM/DIL	2									3	3	2	
D01/DL01/DED			1							2	2	2	
DE1/DC5	3									3	3	2	
DC2			1							2	2	2	
DIM/DIL	2									3	3	3	
D01/DL01/DED			1							2	2	2	
DE1/DC5	3									3	3	3	
DC2			1							2	2	2	
DIM/DIL	2									3	3	3	
D01/DL01/DED			1							2	2	2	
DE1/DC5	3									3	3	3	
DC2			1							2	2	2	
DIM/DIL	2									3	3	3	
D01/DL01/DED			1							2	2	2	
DE1/DC5	3									3	3	3	
DC2			1							2	2	2	
DIM/DIL	2									3	3	3	
D01/DL01/DED			1							2	2	2	
DE1/DC5	3									3	3	3	
DC2			1							2	2	2	
DIM/DIL	2									3	3	3	
D01/DL01/DED			1							2	2	2	
DE1/DC5	3									3	3	3	
DC2			1							2	2	2	
DIM/DIL	2									3	3	3	
D01/DL01/DED			1							2	2	2	
DE1/DC5	3									3	3	3	
DC2			1							2	2	2	
DIM/DIL	2									3	3	3	
D01/DL01/DED			1							2	2	2	
DE1/DC5	3									3	3	3	
DC2			1							2	2	2	
DIM/DIL	2									3	3	3	
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DE1/DC5	3									3	3	3	
DC2			1							2	2	2	
DIM/DIL	2									3	3	3	
D01/DL01/DED			1							2	2	2	
DE1/DC5	3									3	3	3	
DC2			1							2	2	2	
DIM/DIL	2									3	3	3	
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DE1/DC5	3									3	3	3	
DC2			1							2	2	2	
DIM/DIL	2									3	3	3	
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D01/DL01/DED			1							2	2	2	
DE1/DC5	3									3	3	3	
DC2			1							2	2	2	
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D01/DL01/DED			1							2	2	2	
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DC2			1							2	2	2	
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D01/DL01/DED			1							2	2	2	
DE1/DC5	3									3	3	3	
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DIM/DIL	2									3	3	3	
D01/DL01/DED			1							2	2	2	
DE1/DC5	3									3	3	3	
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DC2			1							2	2	2	
DIM/DIL	2									3	3	3	
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DE1/DC5	3									3	3	3	
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D01/DL01/DED			1							2	2	2	
DE1/DC5	3									3	3	3	
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D01/DL01/DED			1							2	2	2	
DE1/DC5	3									3	3	3	
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DIM/DIL	2									3	3	3	
D01/DL01/DED			1							2	2	2	
DE1/DC5	3									3	3	3	
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D01/DL01/DED			1							2	2	2	
DE1/DC5	3									3	3	3	
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DIM/DIL	2									3	3	3	
D01/DL01/DED			1							2	2	2	
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DE1/DC5	3									3	3	3	
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DE1/DC5	3									3	3	3	
DC2			1							2	2	2	
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DE1/DC5	3									3	3	3	
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DIM/DIL	2									3	3	3	
D01/DL01/DED			1							2	2	2	
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DC2			1							2	2	2	
DIM/DIL	2									3	3	3	
D01/DL01/DED			1							2	2	2	
DE1/DC5	3									3	3	3	
DC2			1							2	2	2	
DIM/DIL	2									3	3	3	
D01/DL01/DED			1							2	2	2	
DE1/DC5	3									3	3	3	
DC2			1							2	2	2	
DIM/DIL	2									3	3	3	
D01/DL01/DED			1							2	2	2	
DE1/DC5	3									3	3	3</	

Wiring Diagrams

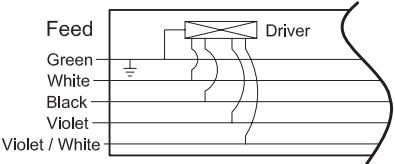
0-10V linear (DIM)
0-10V logarithmic eldoLED ECOdrive (DIL)
DALI logarithmic eldoLED ECOdrive (DED)
0-10V linear eldoLED SOLOdrive (D01)
0-10V logarithmic eldoLED SOLOdrive (DL01)



Lutron 2-Wire (DC2)



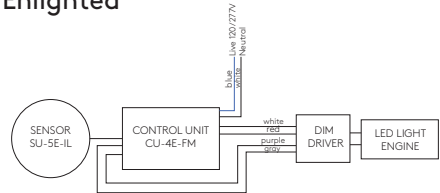
Lutron EcoSystem (DE1)
Lutron 5-Series (DC5)



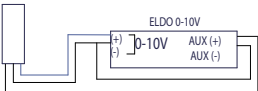
Standard Wiring supplied for all drivers.	Green = Ground White = Neutral Black = Hot
- The following wire(s) are in addition to the standard above -	
DIM, DIL, DED D01, DL01	Gray = (-) DALI or 0-10V Dimming Control Purple = (+) DALI or 0-10V Dimming Control
DC2	No additional wires
DE1, DC5	Violet = "E1" Digital Link Dimming Control Violet/White = "E2" Digital Link Dimming Control

Sensor Wiring Diagrams

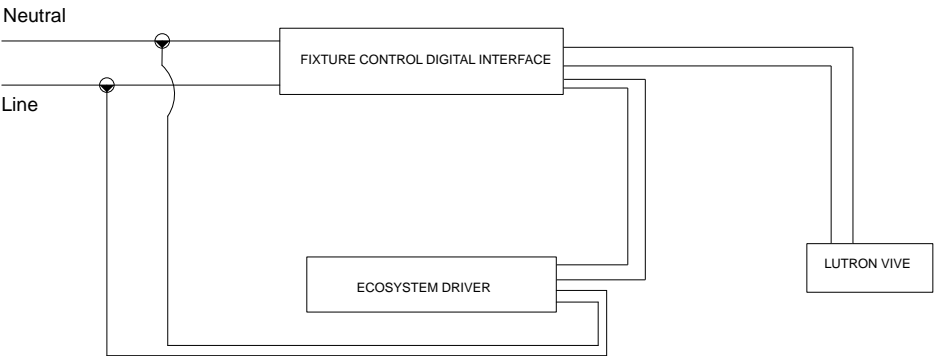
Enlighted



Sensor Switch



Lutron Vive



Fuse (FS) - Fusing, luminaires supplied with a in-line fuse located on the hot wire for each feed. (supplied with an 8A slow burn fuse).

Separate Switching (SS) - Luminaires available with separately switched 4' (nominal) sections starting at 7' and up. Luminaire is intended to be wired to the same panel/breaker (not intended for Emergency use).

- To specify this option, the number of separately switched sections and locations of these sections must be provided at time of order.

* If the project requires different separate switching than outlined above please consult the factory.

Emergency Wiring (EC) - luminaires with (EC) option are compliant to UL 924 listed emergency luminaire. EC luminaires are intended to be wired to separate panels/breakers for emergency use. See install instructions for proper wiring.

For 1' to 6' nominal luminaires, the entire fixture is wired for operation on emergency circuit.

For 7' and up nominal luminaires, the first 4' nominal length is wired for operation by a separate EM circuit by default to meet the required "Life Safety Code" (NFPA 101).

If a different configuration is needed, please consult factory.

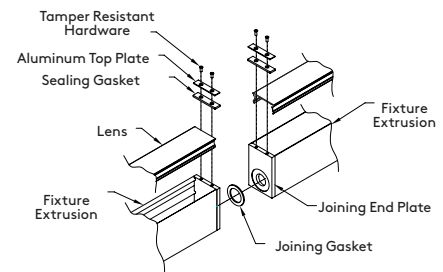
Note: Wiring may vary slightly due to on-site conditions or local codes. Please follow all safety installation protocols contained within install instructions when installing luminaire.

Emergency Battery (EM) - luminaires with emergency battery (EM) option are compliant to UL 924 listed emergency luminaire. The EM battery is located integral to fixture and is factory pre-wired. See install instructions for proper wiring.

In the event of an emergency, EM battery will illuminate a 4' section at 12 watts (constant) for 90 minutes at 25°C. Recharge time is 24 hours.

Tamper Resistant (TR)

Direct Only



Direct fixtures are available for Emergency Battery use in 4' and ≥6. Due to size constraints, EM is not available in 5' fixtures.

For individual fixtures, emergency option will illuminate the first 4' section of fixture. For continuous runs, please consult factory to advise on 4' section intended for emergency use.

For fixtures >12' or if a different configuration is needed, please consult factory.

Emergency test switch and plate is a non-illuminated 3" blank section located adjacent to the length of fixture wired for emergency.

* Emergency battery option is UNV for use with 120V or 277V and is not available for 347V.

* Please note battery pack requires an unswitched hot.

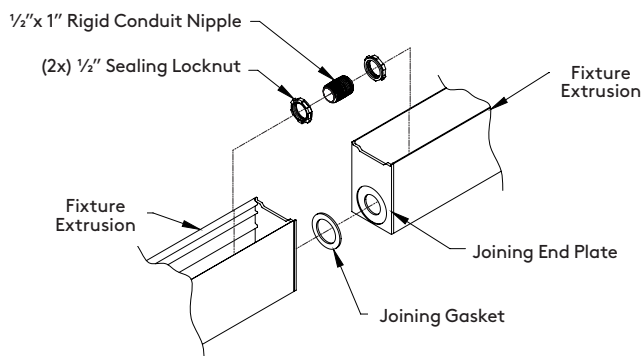
* For EM with sensors, please consult factory.

* If a different configuration is needed, please consult factory.

Note: Wiring may vary slightly due to on-site conditions or local codes. Please follow all safety installation protocols contained within install instructions when installing luminaire.

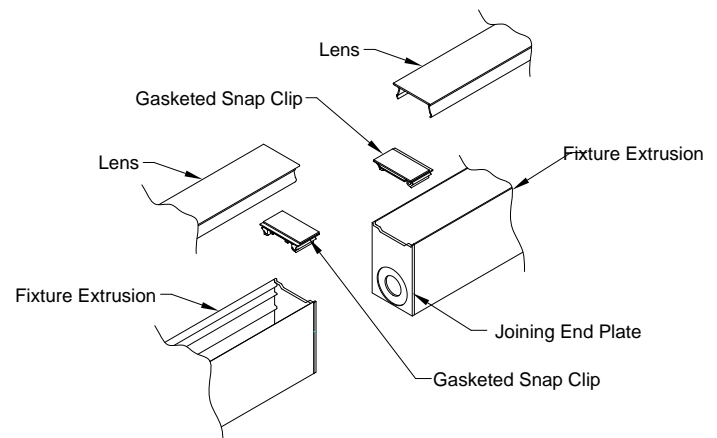
Joiner System - standard for Runs

L60W Joining Detail



Snap-In Cover and Gasket

L60W Lens and Gasketed Snap Clip Detail

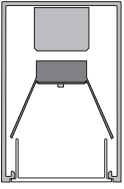


M60
LED Direct
Wet Location

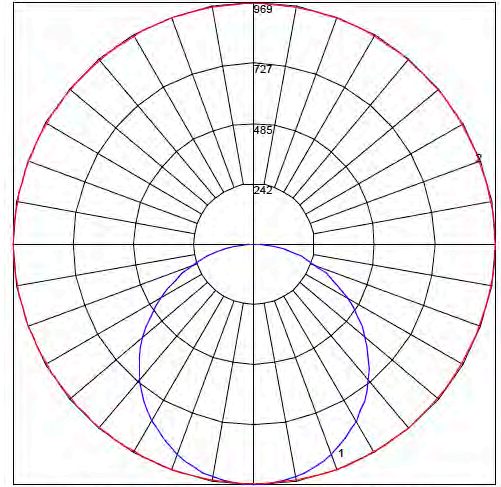
selux

Photometry

LW Optics / 35W LED / 3500K CCT

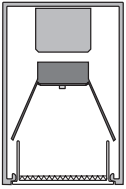


Catalog #: L60W-1C35-935-LW-X-04-XX-U
Report #: 11685012.01
Delivered Lumens: 2804
Input Watts: 35.3
Efficacy: 79lm/W
CCT: 3500K
CRI: 93

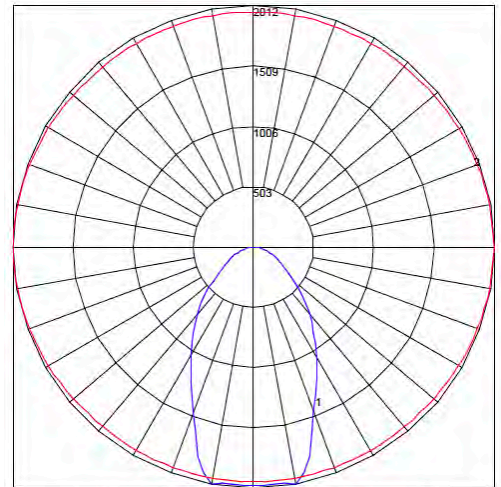


Maximum Candela = 969.085 Located At Horizontal Angle = 0, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

MI Optics / 35W LED / 3500K CCT

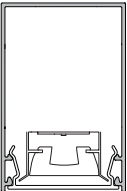


Catalog #: L60W-1C35-935-MI-X-04-XX-U
Report #: 11685012.05
Delivered Lumens: 3251
Input Watts: 35.3
Efficacy: 92lm/W
CCT: 3500K
CRI: 93

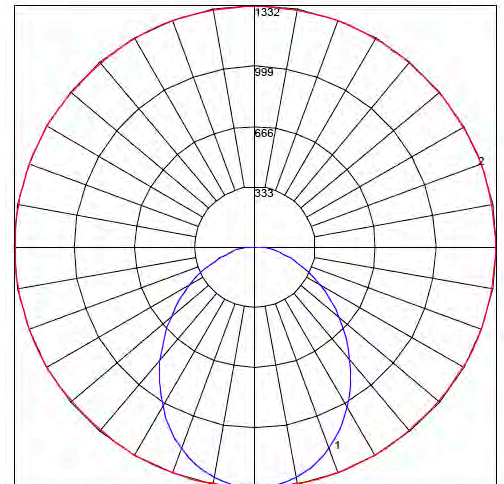


Maximum Candela = 2011.613 Located At Horizontal Angle = 0, Vertical Angle = 10
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (10) (Through Max. Cd.)

NB Optics / 35W LED / 3500K CCT



Catalog #: L60W-1C35-935-NB-X-04-XX-U
Report #: 12650529.09
Delivered Lumens: 3002
Input Watts: 35.3
Efficacy: 85lm/W
CCT: 3500K
CRI: 93



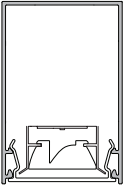
Maximum Candela = 1331.998 Located At Horizontal Angle = 67.5, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (67.5 - 247.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

M60
LED Direct
Wet Location

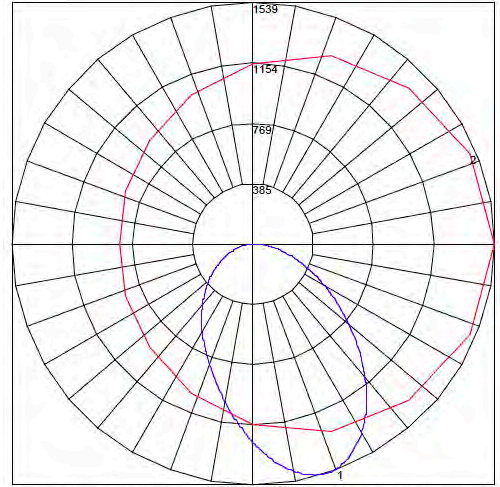
selux

Photometry

A2 Optics / 35W LED / 3500K CCT

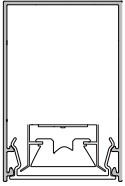


Catalog #: L60W-1C35-935-A2-X-04-XX-U
Report #: 12650529.10
Delivered Lumens: 3030
Input Watts: 35.3
Efficacy: 86lm/W
CCT: 3500K
CRI: 93

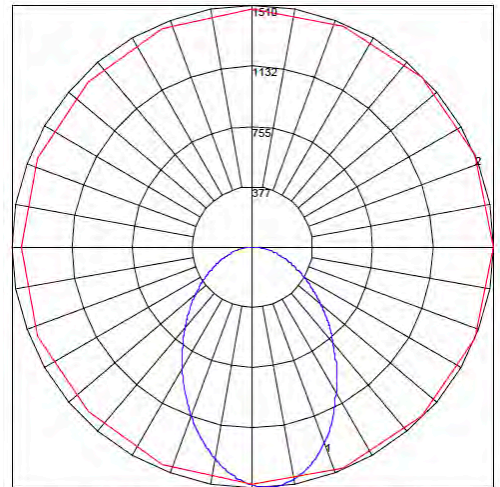


Maximum Candela = 1538.909 Located At Horizontal Angle = 0, Vertical Angle = 18
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (18) (Through Max. Cd.)

A5 Optics / 35W LED / 3500K CCT

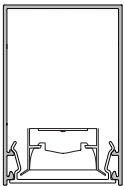


Catalog #: L60W-1C35-935-A5-X-04-XX-U
Report #: 12650529.11
Delivered Lumens: 3082
Input Watts: 35.3
Efficacy: 87lm/W
CCT: 3500K
CRI: 93

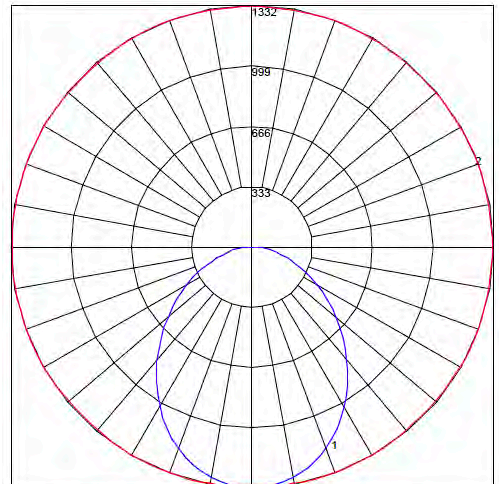


Maximum Candela = 1509.74 Located At Horizontal Angle = 0, Vertical Angle = 4
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (4) (Through Max. Cd.)

BW Optics / 35W LED / 3500K CCT



Catalog #: L60W-1C35-935-BW-X-04-XX-U
Report #: 12650529.12
Delivered Lumens: 2807
Input Watts: 35.3
Efficacy: 79lm/W
CCT: 3500K
CRI: 93



Maximum Candela = 1331.998 Located At Horizontal Angle = 67.5, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (67.5 - 247.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

Photometry

M60 Wet Direct	
CCT Multiplier	
4000K	1.05
3500K	1.00
3000K	0.96
2700K	0.92
CRI Multiplier	
90+ CRI	1.00
80+ CRI	1.19
Lens Multiplier	
LW	1.00
MI	1.16
NB	1.07
A2	1.08
A5	1.10
BW	1.00

CCT multipliers apply to the photometry, IES files, and per foot values listed on page 1 (light engine).

Light engine and lens multiplier supplied for per foot values listed on page 1 (light engine).

FEATURES & SPECIFICATIONS

INTENDED USE — Typical applications include corridors, lobbies, conference rooms and private offices.

CONSTRUCTION — Galvanized steel mounting/plaster frame; galvanized steel junction box with bottom-hinged access covers and spring latches. Reflectors are retained by torsion springs.

Vertically adjustable mounting brackets with commercial bar hangers provide 3-3/4" total adjustment. Two combination 1/2"-3/4" and four 1/2" knockouts for straight-through conduit runs. Capacity: 8 (4 in, 4 out). No. 12 AWG conductors, rated for 90°C.

Accommodates 12"-24" joist spacing.

Passive cooling thermal management for 25°C standard; high ambient (40°C) option available. Light engine and drivers are accessible from above or below ceiling.

Max ceiling thickness 1-1/2".

OPTICS — LEDs are binned to a 3-step SDCM; 80 CRI minimum. 90 CRI optional.

LED light source concealed with diffusing optical lens.

General illumination lighting with 1.0 S/MH and 55° cutoff to source and source image.

Self-flanged anodized reflectors in specular, semi-specular, or matte diffuse finishes. Also available in white and black painted reflectors.

ELECTRICAL — Multi-volt (120-277V, 50/60Hz) 0-10V dimming drivers mounted to junction box, 10% or 1% minimum dimming level available.

0-10V dimming fixture requires two (2) additional low-voltage wires to be pulled.

70% lumen maintenance at 60,000 hours.

LISTINGS — Certified to US and Canadian safety standards. Wet location standard (covered ceiling).

IP55 rated. ENERGY STAR® certified product.

WARRANTY — 5-year limited warranty. Complete warranty terms located at:

www.acuitybrands.com/support/customer-support/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.

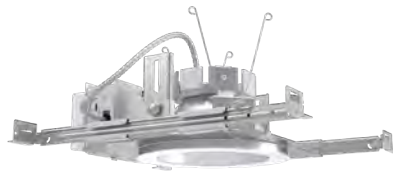
All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.



A+ Capable options indicated by this color background.

Catalog Number
Notes
Type



LDN6

**6" Open and WallWash LED
Non-IC**

New Construction Downlight



ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: LDN6 35/15 L06AR LSS MVOLT EZ10

LDN6					
Series	Color temperature	Lumens ¹	Aperture/Trim Color	Finish	Voltage
LDN6 6" round	27/ 2700K 30/ 3000K 35/ 3500K 40/ 4000K 50/ 5000K	05 500 lumens 07 750 lumens 10 1000 lumens 15 1500 lumens 20 2000 lumens	25 2500 lumens 30 3000 lumens 40 4000 lumens 50 5000 lumens	L06 Downlight LW6 Wallwash AR Clear WR ² White BR ² Black	LSS Semi-specular LD Matte diffuse LS Specular MVOLT Multi-volt 120 120V 277 277V 347 ³ 347V

Driver	Options
GZ10 0-10V driver dims to 10%	SF ⁴ Single fuse
GZ1 0-10V driver dims to 1%	TRW ⁵ White painted flange
EZ10 0-10V eldoLED driver with smooth and flicker-free deep dimming performance down to 10%	TRBL ⁵ Black painted flange
EZ1 0-10V eldoLED driver with smooth and flicker-free deep dimming performance down to 1%	EL ⁶ Emergency battery pack with integral test switch. 10W Constant Power, Not Certified in CA Title 20 MAEDBS
DALI10 DALI driver dims to 10%	ELR ⁶ Emergency battery pack with remote test switch. 10W Constant Power, Not Certified in CA Title 20 MAEDBS
DALI1 DALI driver dims to 1%	ELSD ⁶ Emergency battery pack with self-diagnostics, integral test switch. 10W Constant Power, Not Certified in CA Title 20 MAEDBS
	ELRSD ⁶ Emergency battery pack with self-diagnostics, remote test switch. 10W Constant Power, Not Certified in CA Title 20 MAEDBS
	E10WCP ⁶ Emergency battery pack, 10W Constant Power with integral test switch. Certified in CA Title 20 MAEDB
	E10WCPR ⁶ Emergency battery pack, 10W Constant Power with remote test switch. Certified in CA Title 20 MAEDB
	NPP16D ⁷ nLight® network power/relay pack with 0-10V dimming for non-eldoLED drivers (GZ10, GZ1).
	NPP16DER ⁷ nLight® network power/relay pack with 0-10V dimming for non-eldoLED drivers (GZ10, GZ1). ER controls fixtures on emergency circuit.
	N80 ⁸ nLight™ Lumen Compensation
	JOT ¹³ Wireless room control with "Just One Touch" pairing
	NPS80EZ ⁷ nLight® dimming pack controls 0-10V eldoLED drivers (EZ10, EZ1).
	NPS80EZER ⁷ nLight® dimming pack controls 0-10V eldoLED drivers (EZ10, EZ1). ER controls fixtures on emergency circuit.
	HAO ¹¹ High ambient option
	CP ¹² Chicago Plenum
	RRL RELOC®-ready luminaire connectors enable a simple and consistent factory installed option across all ABL luminaire brands. Available only in RRLA, RRLB, RRLAE, and RRLC12S. Refer to RRL spec sheet on www.acuitybrands.com for the RELOC product specifications.
	NLTAIR2 ^{9,10} nLight® Air enabled
	NLTAIRER2 ^{9,10} nLight® AIR Dimming Pack Wireless Controls. Controls fixtures on emergency circuit, not available with battery pack options
	NLTAIREM2 ^{9,10} nLight® AIR Dimming Pack Wireless Controls. UL924 Emergency Operation, via power interrupt detection. Available with battery pack options.
	USPOM US point of manufacture
	90CRI High CRI (90+)

Accessories: Order as separate catalog number.	
PS1055CP	FMC Power Sentry battery pack, T20 compliant, field installable, 10W constant power
EAC ISSM 375	Compact interruptible emergency AC power system
EAC ISSM 125	Compact interruptible emergency AC power system
GRA68 JZ	Oversized trim ring with 8" outside diameter ¹
SCA6	Sloped ceiling adapter. Refer to TECH-SCA for more options.

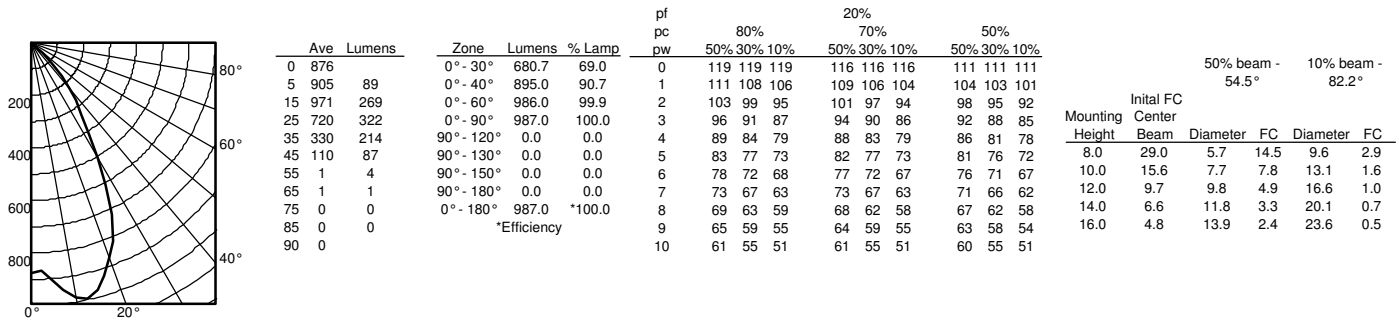
Notes

- Overall height varies based on lumen package; refer to dimensional chart on page 3.
- Not available with finishes.
- Not available with emergency options.
- Must specify voltage 120V or 277V.
- Available with clear (AR) reflector only.
- 12.5" of plenum depth or top access required for battery pack maintenance.
- Specify voltage. ER for use with generator supply EM power. Will require an emergency hot feed and normal hot feed.
- Fixture begins at 80% light level. Must be specified with NP-S80EZ or NPS80EZ ER. Only available with EZ10 and EZ1 drivers.
- Not available with CP, NPS80EZ, NPS80EZER, NPP16D, NPP-16DER or N80 options.
- NLTAIR2, NLTAIRER2 and NLTAIREM2 not recommended for metal ceiling installations.
- Fixture height is 6.5" for all lumen packages with HAO.
- Must specify voltage for 3000lm and above. 5000lm with marked spacing 24 L x 24 W x 14 H. Not available with emergency battery pack option.
- Must specify DALI driver. Not available with nLight options. Not available with CP. Not recommended for metal ceiling installation.

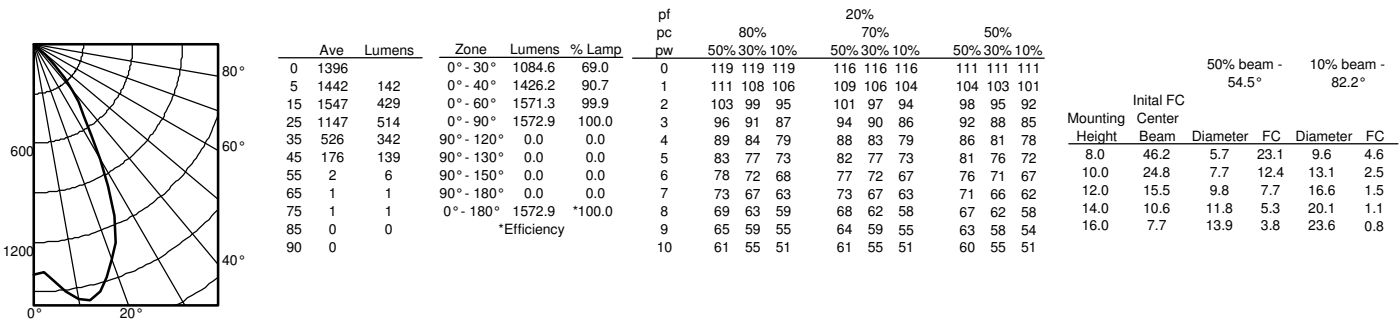
PHOTOMETRY

Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance Data at 30" Above Floor for a Single Luminaire
--------------------	-------------------	-------------	----------------------------	--

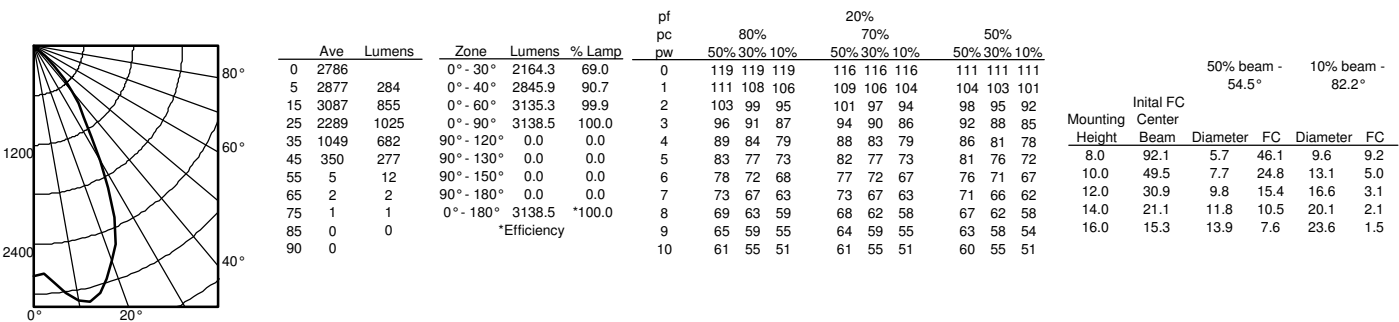
LDN6 35/10 L06AR, input watts: 10.44, delivered lumens: 987.10, LM/W = 94.54, spacing criterion at 0= 1.02, test no. ISF 30716P262.



LDN6 35/15 L06AR, input watts: 17.52, delivered lumens: 1572.9, LM/W = 89.77, spacing criterion at 0= 1.02, test no. ISF 30716P265.



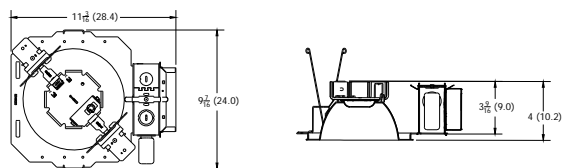
LDN6 35/30 L06AR, input watts: 34.75, delivered lumens: 3138.5, LM/W = 90.31, spacing criterion at 0= 1.02, test no. ISF 30716P274.



LDN6

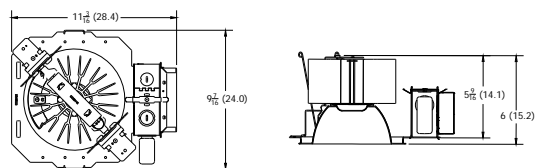
* All dimensions are inches (centimeters) unless otherwise noted.

LDN6 500 - 1500 LUMENS



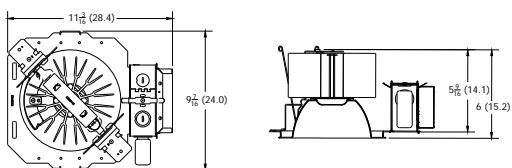
Aperture: 6-1/4 (15.9)
Ceiling Opening: 7-1/8 (18.1)
Overlap Trim: 7-1/2 (19.1)

LDN6 2000 - 3000 LUMENS



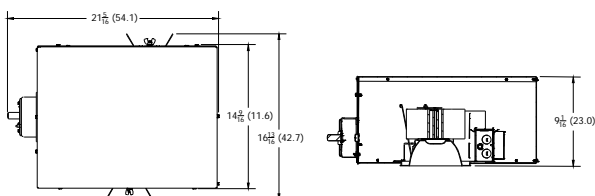
Aperture: 6-1/4 (15.9)
Ceiling Opening: 7-1/8 (18.1)
Overlap Trim: 7-1/2 (19.1)

LDN6 4000 - 5000 LUMENS



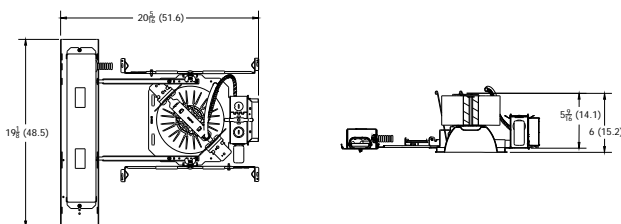
Marked Spacing: 24 x 24 x 10
Aperture: 6-1/4 (15.9)
Ceiling Opening: 7-1/8 (18.1)
Overlap Trim: 7-1/2 (19.1)

LDN6 CP



Aperture: 6-1/4 (15.9)
Ceiling Opening: 7-1/8 (18.1)
Overlap Trim: 7-1/2 (19.1)

LDN6 EL



Marked Spacing above 3000 Lumens: 24 x 24 x 10
Aperture: 6-1/4 (15.9)
Ceiling Opening: 7-1/8 (18.1)
Overlap Trim: 7-1/2 (19.1)

LDN6			
Nominal Lumens	Lumens	Wattage	Lm/W
500	527.9	5.8	90.5
750	758.1	8.9	85.1
1000	950.1	10.4	91.0
1500	1514	17.5	86.4
2000	2006	22.5	89.1
2500	2504	28.3	88.6
3000	3021	34.8	86.9
4000	4008	44.3	90.6
5000	4975	57.7	86.3

HOW TO ESTIMATE DELIVERED LUMENS IN EMERGENCY MODE

Use the formula below to estimate the delivered lumens in emergency mode

$$\text{Delivered Lumens} = 1.25 \times P \times \text{LPW}$$

P = Output power of emergency driver. P = 10W for PS1055CP

LPW = Lumen per watt rating of the luminaire. This information is available on the ABL luminaire spec sheet.

The LPW rating is also available at Designlight Consortium.

LUMEN OUTPUT MULTIPLIERS - FINISH			
	Clear (AR)	White (WR)	Black (BR)
Specular (LS)	1.0	N/A	N/A
Semi-specular (LSS)	0.950	N/A	N/A
Matte diffuse (LD)	0.85	N/A	N/A
Painted	N/A	0.87	0.73

LUMEN OUTPUT MULTIPLIERS - CCT					
	2700K	3000K	3500K	4000K	5000K
80CRI	0.950	0.966	1.000	1.025	1.101

Notes

- Tested in accordance with IESNA LM-79-08.
- Tested to current IES and NEMA standards under stabilized laboratory conditions.
- CRI: 80 typical.

ADDITIONAL DATA



The Sensor Switch JOT enabled solution offers a wireless, app-free approach to single room lighting control. JOT enabled products use Bluetooth® Low Energy (BLE) technology to enable wireless dimming and switching.

Diagram



LDN6 Series

Sensor Switch
WSXA JOT

- 1. Power:** Install JOT enabled fixtures and controls as instructed.
- 2. Pair:** Insert the pairing tool into the pinhole on the wall switch; press and hold any button for 6 seconds.
- 3. Play:** Once paired, each fixture will individually dim down to 10% brightness. All products will be fully functional.

COMPATIBLE 0-10V WALL-MOUNT DIMMERS

MANUFACTURER	PART NO.	POWER BOOSTER AVAILABLE
Lutron®	Diva® DDTV	
	Diva® DVSCCTV	
	Nova T® NTFTV	
	Nova® NDTV	
Leviton®	AWSMT-7DW	CN100
	AWSMG-7DW	PE300
	AMRMG-7DW	
	Leviton Centura Fluorescent Control System	
	IllumaTech® IP7 Series	
Synergy®	ISD BC	RDMFC
	SLD LPCS	
	Digital Equinox (DEQ BC)	
Douglas Lighting Controls	WPC-5721	
Entertainment Technology	Tap Glide TG600FAM120 (120V)	
	Tap Glide Heatsink TGH1500FAM120 (120V)	
	Oasis OA2000FAMU	
Honeywell	EL7315A1019	EL7305A1010 (optional)
	EL7315A1009	
HUNT Dimming	Preset slide: PS-010-IV and PS-010-WH	
	Preset slide: PS-010-3W-IV and PS-010-3W-WH	
	Preset slide, controls FD-010: PS-IFC-010-IV and PS-IFC-010-WH-120/277V	
	Preset slide, controls FD-010: PS-IFC-010-3W-IV and PS-IFC-010-3W-WH-120/277V	
	Remote mounted unit: FD-010	
Lehigh Electronic Products	Solitaire	PBX
PDM Electrical Products	WPC-5721	
Starfield Controls	TR61 with DALI interface port	RT03 DALInet Router
WattStopper®	LS-4 used with LCD-101 and LCD-103	

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® control networks when ordered with drivers marked by a shaded background*
- This luminaire is part of an A+ Certified solution for nLight control networks, providing advanced control functionality at the luminaire level, when selection includes driver and control options marked by a shaded background*

To learn more about A+, visit www.acuitybrands.com/aplus.

*See ordering tree for details

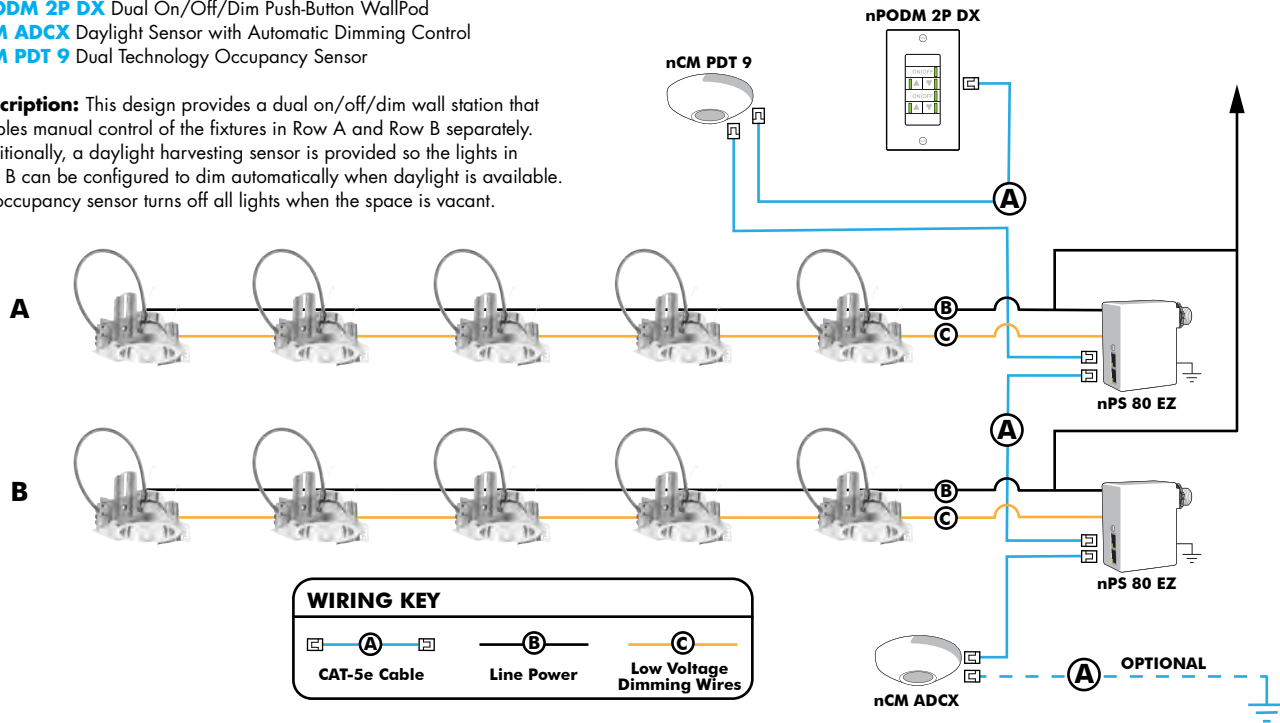
EXAMPLE

Group Fixture Control*

*Application diagram applies for fixtures with eldoLED drivers only.

nPS 80 EZ Dimming/Control Pack (qty: 2 required)**nPODM 2P DX** Dual On/Off/Dim Push-Button WallPod**nCM ADCX** Daylight Sensor with Automatic Dimming Control**nCM PDT 9** Dual Technology Occupancy Sensor

Description: This design provides a dual on/off/dim wall station that enables manual control of the fixtures in Row A and Row B separately. Additionally, a daylight harvesting sensor is provided so the lights in Row B can be configured to dim automatically when daylight is available. An occupancy sensor turns off all lights when the space is vacant.

**Choose Wall Controls**

nLight offers multiple styles of wall controls - each with varying features and user experience.

**Push-Button Wallpod**

Traditional tactile buttons and LED user feedback

**Graphic Wallpod**

Full color touch screen provides a sophisticated look and feel

nLight® Wired Controls Accessories:

Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlight for complete listing of nLight controls.

WallPod Stations	Model number	Occupancy sensors	Model Number
On/Off	nPODM (Color)	Small motion 360°, ceiling (PIR/dual Tech)	nCM 9 / nCM PDT 9
On/Off & Raise/Lower	nPOD DX (Color)	Large motion 360°, ceiling (PIR/dual tech)	nCM 10 / nCM PDT 10
Graphic Touchscreen	nPOD GFX (Color)	Wide View (PIR/dual tech)	nWV 16 / nWV PDT 16
Photocell controls	Model Number	Wall Switch w/ Raise/Lower (PIR/dual tech)	nWSX LV DX / nWSX PDT LV DX
Dimming	nCM ADCX	Cat-5 cables (plenum rated)	Model Number
		10', CAT5 10FT	CAT5 10FT J1
		15', CAT5 15FT	CAT5 15FT J1

nLight AIR

nLight AIR is the ideal solution for retrofit or new construction spaces where adding communication is cost prohibitive. The integrated nLight AIR rPP20 Power Pack is part of each Lithonia LDN Luminaire. These individually addressable controls offer the ultimate in flexibility during initial setup and for space repurposing.

**Simple as 1,2,3**

1. Install the nLight® AIR fixtures with embedded smart sensor
2. Install the wireless battery-powered wall switch
3. With CLAIRITY app, pair the fixtures with the wall switch and if desired, customize the sensor settings for the desired outcome

**nLight® AIR Control Accessories:**

Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlightair.

Wall switches	Model number
On/Off single pole	rPODB [color]
On/Off two pole	rPODB 2P [color]
On/Off & raise/lower single pole	rPODB DX [color]
On/Off & raise/lower two pole	rPODB 2P DX [color]
On/Off & raise/lower single pole	rPODBZ DX WH ¹

Notes

- 1 Can only be ordered with the RES7Z zone control sensor version.

OW1055 – COLONNADE™

Outdoor only



Type:

Project:

VisaLighting.com/products/Colonnade
Order Code: **OW1055**

MODEL

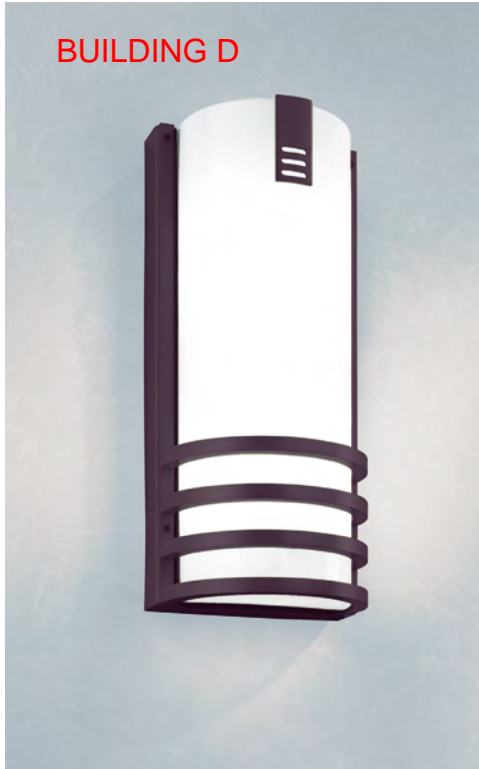
A SOURCE

MVOLT

VOLTAGE

B FINISH**C** OPTION

Fill in shaded boxes using information listed below

**BUILDING D**

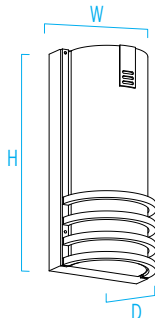
The Colonnade family features an iconic design that exhibits a clean, architectural look. Available in 16 standard paint finish choices and multiple trims and sizes.

DIMENSIONS

Depth is measured from wall to front of fixture

W = Width H = Height D = Depth

W 9-3/8" (238 mm)
H 20-1/4" (514 mm)
D 5-1/2" (140 mm)

**A** SOURCE (Select One) and VOLTAGE

MVOLT fixture accepts 120 through 277 input voltage
LED sources are 83CRI, within 3-step MacAdam and are dimmable 0-10V to 1%

	LED Sources	CCT	Delivered Lumens	Power (Watts)	Voltage
●	L30K-L	3000K	1100	12	MVOLT
	L35K-L	3500K			
●	L40K-L	4000K			
●	L30K-H	3000K	1600	19	
	L35K-H	3500K			
●	L40K-H	4000K			

B FINISHES (Select one)

See page 2 for color chart

Powder Coat Painted Finishes (Standard)

AG7038	Agate Grey	CVBL	Cove Blue	GW9002	Grey White	PB1035	Pearl Beige
BMAT	Bronze Matte	CW9001	Cream	HTHR	Heather	RUST	Rust
BRNZ	Bronze	GLIM	Glimmer	JB9005	Jet Black	SUNG	Sungold
BSIL	Blade Silver	GSIL	Graphite Silver	OBRZ	Old Bronze	TW9016	Traffic White

C OPTION

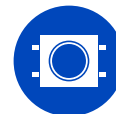
⚠ Option availability may be interdependent with Voltage, Source or Other Options

XPS Express 10 day shipping. Items marked with a bullet (•) are not available with XPS

USE BRONZE
MATTE FINISH



XPS



LED



ETL Listed



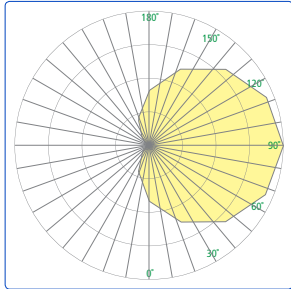
5 Year Warranty

OW1055 – COLONNADE

Outdoor only



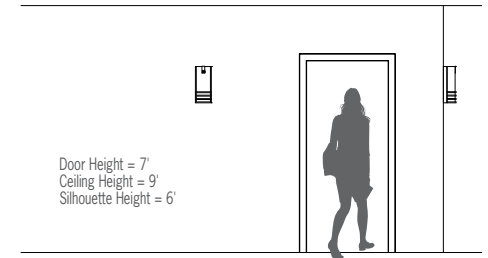
Photometrics



Technical Information

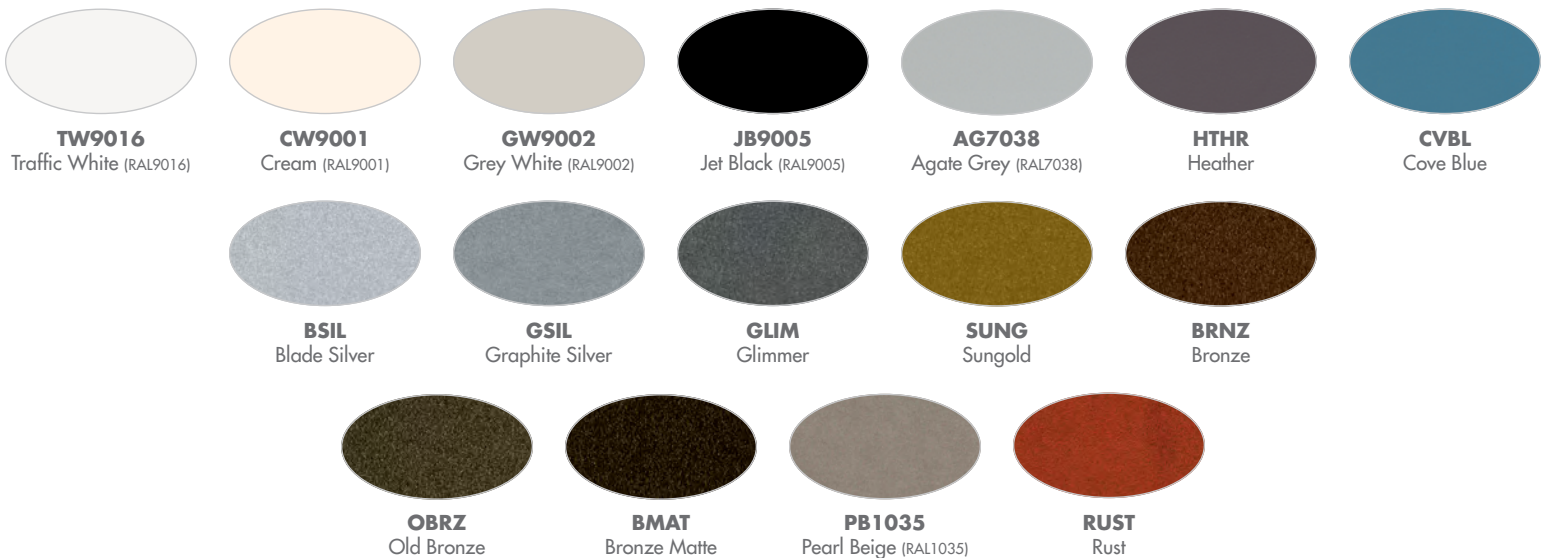
- Integral power supply
- Modular design for replacement of LED source and power supply
- Mounts to standard electrical junction box (by others) with provided hardware
- Solid metal accent bars; sealed and gasketed construction
- 1/8" thick white acrylic diffuser
 - ◆ F1 rated, UV stable
 - ◆ UL-94 HB Flame Class rated
- No VOC powder coat paint finish
- ETL Listed for wet location mounting 4' above grade

Relative Scale Drawing

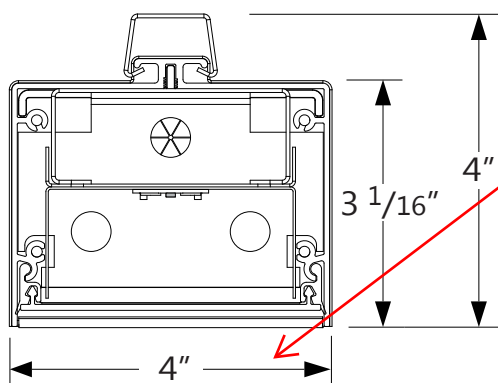


Specify color code when ordering. For accurate color matching, individual paint and finish samples are [available upon request](#).
For additional information see VisaLighting.com/materials-finishes

Painted Finishes (Standard)



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Project _____

Type _____

Notes _____

THESE LINEAR FIXTURES ARE INTENDED TO BE PLACED AT THE OPEN BEAM STRUCTURE SYSTEMS AT UPPER DECKS OF BUILDING D. BUT NEED TO VERIFY THESE WILL FIT, IF NOT, WE WILL NEED TO SELECT THE 2" OPTION.

PERFOR

NOMIN

Please co

Use 2700k to get a warmness glow



cULus Listed
Type I.C.



Ordering Guide

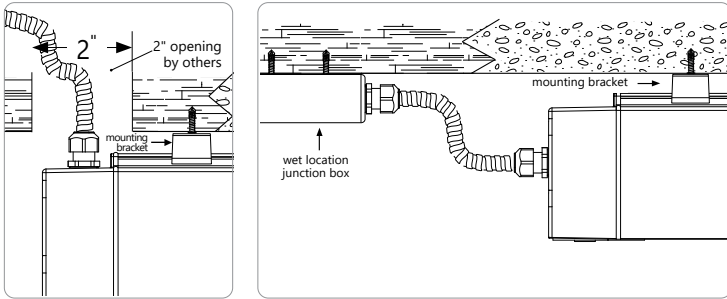
WBSLED								S			
PRODUCT ID		NOM.LUMENS/FT		CRI		COLOR TEMP.		SHIELDING		LENGTH (FT)	
WBSLED	Surface LED	500	500 lm/ft - Min.	80	80 CRI	27	2700 K	S	satin lens	2	2'
		900	900 lm/ft - Max.	90	90 CRI	30	3000 K			3	3'
						35	3500 K			4	4'
						40	4000 K			5	5'
										8	8'
										S#	system run
		Outputs between listed min and max are available. Consult factory for outputs outside of the listed range.									

FINISH		VOLTAGE		DRIVER		CIRCUITS		MOUNTING/SUSPENSION	
AP	aluminum paint	120	120 V	DP	dimming (0-10V) 1%	1	1 circuit	SC	surface solid ceiling
W	white	277	277 V	LT(#)	Lutron *	2	2 circuits		
BLK	black	347	347 V	BI	bi-level dimming	+E(#)	emergency circuit ⁽³⁾		
C	custom	UNV	universal	O(#)	other **	+NL(#)	night light circuit ⁽³⁾		
		DC	low voltage*	POE(#)	POE drivers*	+GTD(#)	generator transfer device ⁽³⁾		
		* Only available with POE drivers.		*Operating up to -20°C; Specify system ** Please consult factory; see page 2		(3) Specify quantity			

BATTERY (OPTIONAL)		OTHER (OPTIONAL)		IC CONTROLS (OPTIONAL)		CUSTOM (OPTIONAL)	
B#	battery pack (integral)	F	fuse ⁽⁴⁾	OS#	occupancy sensor	C	custom
		EF	end feed*	EN	Enlighted integral	N	natatorium finish
				WC#	wireless control dimming		
Not available with 347V Please consult factory		(4) Requires 120V or 277V; * See page 2 for more details.		See integrated controls guide for further details Please consult factory		Please specify	

● MOUNTING OPTIONS

SC SURFACE SOLID CEILING



Power top feed

Power end feed

● OTHER MOUNTING OPTIONS

WET BEAM 4 LED is available with recessed horizontal, recessed vertical, pendant, and wall mounted options.

● CONSTRUCTION

Housing	Extruded Aluminum (0.062" nominal) Up to 70% Recycled Content
End Cap	Die Cast Zinc (0.070" nominal)
Interior Brackets	Die Formed Sheet Steel (16 gauge)
Gaskets	Moulded Elastomer (0.100" nominal)
Lens Gaskets	Extruded Elastomer (0.045" nominal)
Satin Lens	Extruded Polycarbonate

● ELECTRICAL

Lutron driver*	LDE1 - Hi-lume 1% EcoSystem with Soft-on, Fade-to-Black LDE5 - 5-Series EcoSystem LTEA - Hi-lume 1% 2-wire (120V forward phase only) *Consult factory
Other drivers**	DALI - Digital Addressable Lighting Interface DMX - Digital Multiplex LV - line voltage - Advance Mark 10 Xitanium SR - For wireless sensor
Power over Ethernet POE drivers*	MOLEX IGOR O - Other (Consult factory)
Emergency	Integral emergency battery pack or emergency circuit optional.
Input Voltage	120V, 277V, 347V, UNV.

i Incorporating these components may have limitations or affect the length of the luminaire. Please contact factory for more details.

● LED SYSTEM

CRI	Minimum 80 or 90 color rendering index.
CCT	Choice of 2700K, 3000K, 3500K and 4000K color temperature with a great color consistency (within 3-step MacAdam ellipse). Both within fixture and fixture to fixture.
LED life	Minimum 50,000h with 85% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.
Thermal Management	Aluminum housing acting as the heat sink to maximize life.

i Row configuration, specification sheets and mounting spacing guides are available for download at: www.axislighting.com

● OPTICS



SATIN LENS
Extruded Polycarbonate

S satin lens

● WEIGHT

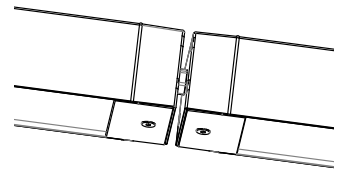
Surface 4 ft	12.8 lbs / 5.8 kg
Surface 8 ft	24.5 lbs / 11.1 kg

● GASKETTED FIXTURE

With its gasketed end cap and lens the Wet BEAM 4 LED is made for wet locations, and is ideal for exterior soffits and canopies of malls, hospitals and other institutions.

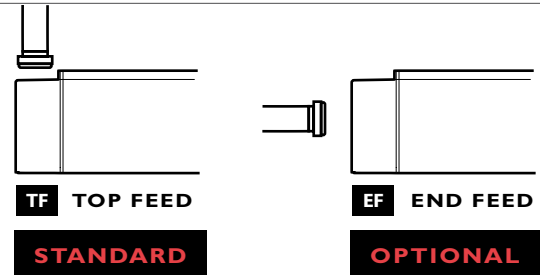
● JOINER SYSTEM

Wet BEAM 4 modular system consists of smaller modules joined and gasketed together allowing for system runs in lengths of 4' and 8' as well as custom lengths up to 12'.



* For continuous rows allow 2" for connectors between each fixture.

● POWER FEED



* Not available with 347 V.

● FINISH

Powder coated and custom finishes are also available.

● APPROVALS

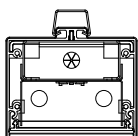
Certified wet locations to UL and CSA standards

● WARRANTY

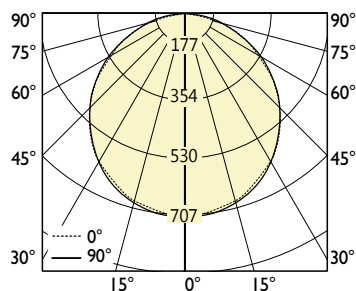
Axis Lighting will warrant defective LEDs, boards, and drivers for 5 years from date of purchase. Warranty is valid if luminaire is installed and used according to specifications. If defective, Axis will send replacement boards or drivers at no cost along with detailed replacement instructions and instructions on how to return defective components to Axis.

● **PHOTOMETRIC DATA**

500 lm/ft



PHOTOMETRIC CURVE



Luminaire Lumens: 500 lm/ft
Input Watts: 5.5 W/ft
Efficacy: 91 lm/W
IES FILE: WBSLED-500-80-35-S.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	704	704	704	704	704
5	697	701	700	703	706
15	672	677	677	679	682
25	623	626	627	628	631
35	552	555	555	554	555
45	465	466	466	465	465
55	363	365	364	362	361
65	249	250	249	246	244
75	129	130	126	123	121
85	29	25	20	17	16
90	0	0	0	0	0

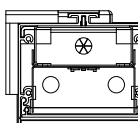
ZONAL LUMENS

Zone	Lumens
0	
0-10	67
10-20	191
20-30	289
30-40	347
40-50	359
50-60	324
60-70	245
70-80	133
80-90	28
90	

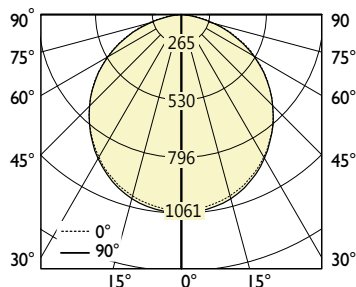
LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	5567	5579	5567
55	5357	5372	5328
65	4987	4987	4887
75	4219	4121	3957
85	2817	1942	1554

750 lm/ft



PHOTOMETRIC CURVE



Luminaire Lumens: 750 lm/ft
Input Watts: 8.3 W/ft
Efficacy: 90 lm/W
IES FILE: WBSLED-750-80-35-S.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1056	1056	1056	1056	1056
5	1046	1052	1050	1055	1059
15	1008	1016	1016	1019	1023
25	935	939	941	942	947
35	828	833	833	831	833
45	698	699	699	698	698
55	545	548	546	543	542
65	374	375	374	369	366
75	194	195	189	185	182
85	44	38	30	26	24
90	0	0	0	0	0

ZONAL LUMENS

Zone	Lumens
0	
0-10	100
10-20	287
20-30	433
30-40	520
40-50	539
50-60	486
60-70	368
70-80	200
80-90	43
90	

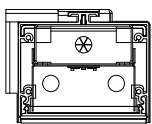
LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	8350	8368	8350
55	8036	8058	7992
65	7481	7481	7331
75	6329	6181	5936
85	4225	2914	2331

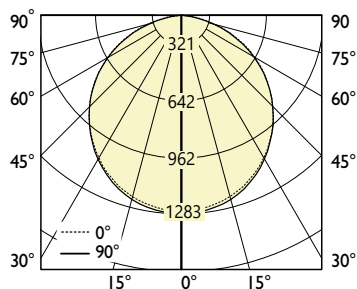
i All IES files are available for download at: www.axislighting.com

● **PHOTOMETRIC DATA**

900 lm/ft



PHOTOMETRIC CURVE



Luminaire Lumens: 900 lm/ft

Input Watts: 9.9 W/ft

Efficacy: 91 lm/W

IES FILE: WBSLED-900-80-35-S.IES

TESTED ACCORDING TO IES LM-79-2008

CANDELA DISTRIBUTION

Vertical Angle	Horizontal Angles				
	0	22.5	45	67.5	90
0	1278	1278	1278	1278	1278
5	1265	1272	1271	1276	1281
15	1220	1229	1229	1232	1238
25	1131	1136	1138	1140	1145
35	1002	1007	1007	1006	1007
45	844	846	846	844	844
55	659	662	661	657	655
65	452	454	452	446	443
75	234	236	229	223	220
85	53	45	36	31	29
90	0	0	0	0	0

ZONAL LUMENS

Zone	Lumens
0	
0-10	121
10-20	347
20-30	524
30-40	629
40-50	652
50-60	589
60-70	445
70-80	242
80-90	52
90	

LUMINANCE DATA (cd/m²)

Vertical Angle	Horizontal Angles		
	0	45	90
45	10104	10125	10104
55	9723	9750	9670
65	9052	9052	8870
75	7658	7480	7183
85	5112	3526	2821

i All IES files are available for download at: www.axislighting.com

GUARDIAN W TWB LED 26"

Architectural Outdoor



BUILDING A

PROJECT:

TYPE:

PO#:

QTY:

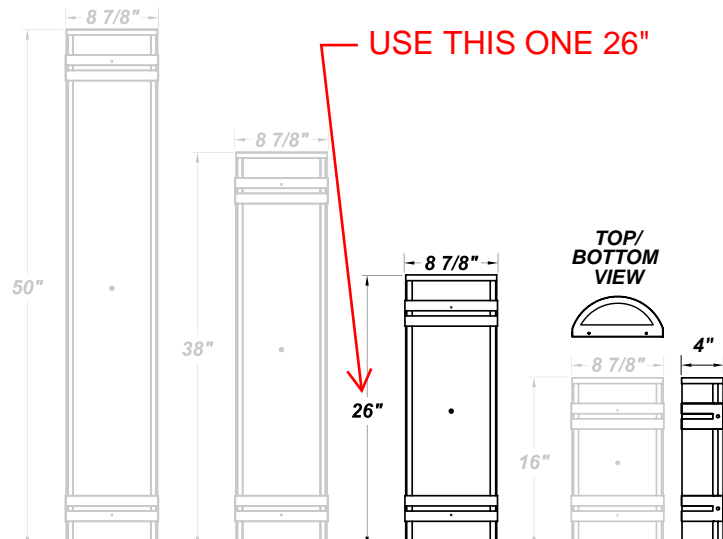
COMMENTS:

FEATURES

- 120V - 277V, Plus 347V For Selected Wattages
- Aluminum Fascia w/ Matte Silver Polyester Powder Coat Finish
- Aluminum Reflector w/ Hi-Reflectance White Powder Coat Finish
- CSA Listed Wet Location
- Die Cast Aluminum End Caps w/ Matte Silver Polyester Powder Coat Finish
- Emergency Battery Available
- Extruded Aluminum Housing w/ Matte Silver Polyester Powder Coat Finish
- Fixture Mounts Directly to Surface w/ Two Wall Anchors (Not Included)
- High Impact White Acrylic Diffuser (50% DR Acrylic)
- LED Light Fixture
- Over-Voltage, Over-Current, and Short-Circuit Protection w/ Auto Recovery
- Recessed Steel Screws
- Surge Protector
- Vandal Resistant

LINE DRAWING

LINE DRAWING NOT TO SCALE



MATTE SILVER FINISH

FINISHES

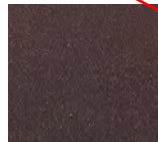
Antique
Copper



Antique
Silver



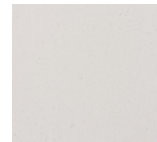
Bronze
Mist



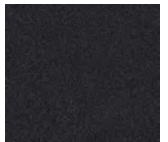
Matte
Silver



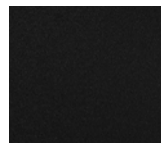
Sand



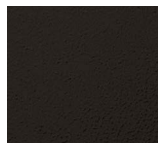
Swedish
Steel



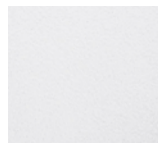
Textured
Black



Textured
Bronze



Textured
White



For RAL Colors
& Custom
Match -
**Contact Teron
Lighting Inc.**

GUARDIAN W TWB LED 26"

Architectural Outdoor



Fixture Core

PROJECT:

TYPE:

PO#:

QTY:

COMMENTS:

PRODUCT CODE	SOURCE/WATTAGE	VOLTAGE	DIMMING DRIVER
GRDW24 - Guardian W 26"	L18.0-TE500 - 18W @ 500mA ELV Dimming Driver L18.0-LE500 - 18W @ 500mA 2-Wire Dimming Driver (120V Only) L18.0-ZE500 - 18W @ Line Voltage 4-Wire Dimming Driver (Dimmable 0 - 10V)	120 - 277V 347V Available For L36.5 Only	Not Applicable
ORDER INFO			
GRDW24	L18.0-TE500	120 - 277V	Not Applicable

Example ^ (may not represent a manufacturable product)

Aesthetics & Options

TRIM	FINISH	COLOR TEMP	OPTIONS
TWB	AC - Antique Copper AS - Antique Silver BT - Bronze Mist SM - Matte Silver (Standard) SN - Sand SW - Swedish Steel TB - Textured Black BZ - Textured Bronze TW - Textured White	30K - 3000K Color Temp 35K - 3500K Color Temp 40K - 4000K Color Temp 50K - 5000K Color Temp	OEL - Single End Window TEL - Twin End Windows (Both Ends) EB12 - Keystone KT-EMER-LED-12-1200 Integral 12W LED Driver MSI - Steinel HFLUM2-WR Internal Motion Sensor
ORDER INFO			
TWB	AC	30K	OEL

Example ^ (may not represent a manufacturable product)

PROD	SOURCE	30K SPECS				
GRDW24	L18.0	<ul style="list-style-type: none">80 CRI Typ.30K - 3000K Color Temp2711 LED Source Lumens150.6 LED Source Lumens Per Watt				

REPLACEMENT PART	PART NO	NOTES
2' Acrylic LED Lens Assembly	38216	(L18.0 is Dimmable From 120 - 230V)
		Don't see the configuration you are looking for? Call us today at (513) 858-6004



TERONLIGHTING.COM
33 DONALD DR, FAIRFIELD, OH 45014
P: 513.858.6004 F: 513.858.6038
E: SALES@TERONLIGHT.COM



We reserve the right to revise the design components of any product due to parts availability or change in UL standards, without assuming any obligation or liability to modify any products previously manufactured, and without notice.

GUARDIAN W TWB LED 26"

Architectural Outdoor



Fixture Core

PRODUCT CODE	SOURCE/WATTAGE	VOLTAGE	DIMMING DRIVER
GRDW24 - Guardian W 26"	L36.5-ZE1050 - 36.5W @ Line Voltage 4-Wire Dimming Driver (Dimmable 0 - 10V) L46.5-ZE1100 - 46.5W @ Line Voltage 4-Wire Dimming Driver (Dimmable 0 - 10V) L49.5-ZE1150 - 49.5W @ Line Voltage 4-Wire Dimming Driver (Dimmable 0 - 10V)	120 - 277V 347V Available For L36.5 Only	Not Applicable
ORDER INFO			

GRDW24	L36.5-ZE1050	120 - 277V	Not Applicable
Example ^ (may not represent a manufacturable product)			

Aesthetics & Options

TRIM	FINISH	COLOR TEMP	OPTIONS
TWB	AC - Antique Copper AS - Antique Silver BT - Bronze Mist SM - Matte Silver (Standard) SN - Sand SW - Swedish Steel TB - Textured Black BZ - Textured Bronze TW - Textured White	30K - 3000K Color Temp 35K - 3500K Color Temp 40K - 4000K Color Temp 50K - 5000K Color Temp	OEL - Single End Window TEL - Twin End Windows (Both Ends) EB12 - Keystone KT-EMER-LED-12-1200 Integral 12W LED Driver MSI - Steinel HFLUM2-WR Internal Motion Sensor
ORDER INFO			

TWB	AC	30K	OEL
Example ^ (may not represent a manufacturable product)			

PROD	SOURCE	30K SPECS				
GRDW24	L36.5	<ul style="list-style-type: none">80 CRI Typ.30K - 3000K Color Temp5993 LED Source Lumens156 LED Source Lumens Per Watt				
	L46.5	<ul style="list-style-type: none">80 CRI Typ.30K - 3000K Color Temp5963 LED Source Lumens128.2 LED Source Lumens Per Watt				
	L49.5	<ul style="list-style-type: none">80 CRI Typ.30K - 3000K Color Temp6234 LED Source Lumens126 LED Source Lumens Per Watt				

REPLACEMENT PART	PART NO	NOTES
2' Acrylic LED Lens Assembly	38216	(L18.0 is Dimmable From 120 - 230V)
		Don't see the configuration you are looking for? Call us today at (513) 858-6004



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33 DONALD DR, FAIRFIELD, OH 45014
P: 513.858.6004 F: 513.858.6038
E: SALES@TERONLIGHT.COM

PROJECT:

TYPE:

PO#:

QTY:

COMMENTS:



We reserve the right to revise the design components of any product due to parts availability or change in UL standards, without assuming any obligation or liability to modify any products previously manufactured, and without notice.

FEATURES & SPECIFICATIONS

INTENDED USE — Typical applications include corridors, lobbies, conference rooms and private offices.

CONSTRUCTION — Galvanized steel mounting/plaster frame; galvanized steel junction box with bottom-hinged access covers and spring latches. Reflectors are retained by torsion springs.

Vertically adjustable mounting brackets with commercial bar hangers provide 3-3/4" total adjustment. Two combination 1/2"-3/4" and four 1/2" knockouts for straight-through conduit runs. Capacity: 8 (4 in, 4 out). No. 12 AWG conductors, rated for 90°C.

Accommodates 12"-24" joist spacing.

Passive cooling thermal management for 25°C standard; high ambient (40°C) option available. Light engine and drivers are accessible from above or below ceiling.

Max ceiling thickness 1-1/2".

OPTICS — LEDs are binned to a 3-step SDCM; 80 CRI minimum. 90 CRI optional.

LED light source concealed with diffusing optical lens.

General illumination lighting with 1.0 S/MH and 55° cutoff to source and source image.

Self-flanged anodized reflectors in specular, semi-specular, or matte diffuse finishes. Also available in white and black painted reflectors.

ELECTRICAL — Multi-volt (120-277V, 50/60Hz) 0-10V dimming drivers mounted to junction box, 10% or 1% minimum dimming level available.

0-10V dimming fixture requires two (2) additional low-voltage wires to be pulled.

70% lumen maintenance at 60,000 hours.

LISTINGS — Certified to US and Canadian safety standards. Wet location standard (covered ceiling).

IP55 rated. ENERGY STAR® certified product.

WARRANTY — 5-year limited warranty. Complete warranty terms located at:

www.acuitybrands.com/support/customer-support/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.



A+ Capable options indicated by this color background.

4000K lumens should be good



LDN6

**6" Open and WallWash LED
Non-IC
New Construction Downlight**



ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: LDN6 35/15 L06AR LSS MVOLT EZ10

LDN6									
Series	Color temperature	Lumens ¹			Aperture/Trim Color	Finish	Voltage		
LDN6 6" round	27/ 2700K 30/ 3000K 35/ 3500K 40/ 4000K 50/ 5000K	05 500 lumens 07 750 lumens 10 1000 lumens 15 1500 lumens 20 2000 lumens	25 2500 lumens 30 3000 lumens 40 4000 lumens 50 5000 lumens		L06 Downlight LW6 Wallwash	AR Clear WR ² White BR ² Black	LSS Semi-specular LD Matte diffuse LS Specular	MVOLT Multi-volt 120 120V 277 277V 347 ³ 347V	

Driver	Options		
GZ10 0-10V driver dims to 10%	SF ⁴ Single fuse	N80 ⁸ nLight™ Lumen Compensation	
GZ1 0-10V driver dims to 1%	TRW ⁵ White painted flange	JOT ¹³ Wireless room control with "Just One Touch" pairing	
EZ10 0-10V eldoLED driver with smooth and flicker-free deep dimming performance down to 10%	TRBL ⁵ Black painted flange	NPS80EZ ⁷ nLight® dimming pack controls 0-10V eldoLED drivers (EZ10, EZ1).	
EZ1 0-10V eldoLED driver with smooth and flicker-free deep dimming performance down to 1%	EL ⁶ Emergency battery pack with integral test switch. 10W Constant Power, Not Certified in CA Title 20 MAEDBS	NPS80EZER ⁷ nLight® dimming pack controls 0-10V eldoLED drivers (EZ10, EZ1). ER controls fixtures on emergency circuit.	
	ELR ⁶ Emergency battery pack with remote test switch. 10W Constant Power, Not Certified in CA Title 20 MAEDBS	HAO ¹¹ High ambient option	
	ELSD ⁶ Emergency battery pack with self-diagnostics, integral test switch. 10W Constant Power, Not Certified in CA Title 20 MAEDBS	CP ¹² Chicago Plenum	
	ELRSD ⁶ Emergency battery pack with self-diagnostics, remote test switch. 10W Constant Power, Not Certified in CA Title 20 MAEDBS	RRL ^{___} RELOC®-ready luminaire connectors enable a simple and consistent factory installed option across all ABL luminaire brands. Available only in RRLA, RRLB, RRLAE, and RRLC12S. Refer to RRL spec sheet on www.acuitybrands.com for the RELOC product specifications.	
	E10WCP ⁶ Emergency battery pack, 10W Constant Power with integral test switch. Certified in CA Title 20 MAEDB	NLTAIR2 ^{9,10} nLight® Air enabled	
	E10WCPR ⁶ Emergency battery pack, 10W Constant Power with remote test switch. Certified in CA Title 20 MAEDB	NLTAIRER2 ^{9,10} nLight® AIR Dimming Pack Wireless Controls. Controls fixtures on emergency circuit, not available with battery pack options	
DALI10 DALI driver dims to 10%	NPP16D ⁷ nLight® network power/relay pack with 0-10V dimming for non-elidoLED drivers (GZ10, GZ1).	NLTAIREM2 ^{9,10} nLight® AIR Dimming Pack Wireless Controls. UL924 Emergency Operation, via power interrupt detection. Available with battery pack options.	
DALI1 DALI driver dims to 1%	NPP16DER ⁷ nLight® network power/relay pack with 0-10V dimming for non-elidoLED drivers (GZ10, GZ1). ER controls fixtures on emergency circuit.	USPOM US point of manufacture	
		90CRI High CRI (90+)	

Accessories: Order as separate catalog number.	
PS1055CP	FMC Power Sentry battery pack, T20 compliant, field installable, 10W constant power
EAC ISSM 375	Compact interruptible emergency AC power system
EAC ISSM 125	Compact interruptible emergency AC power system
GRA68 JZ	Oversized trim ring with 8" outside diameter ¹
SCA6	Sloped ceiling adapter. Refer to TECH-SCA for more options.

Notes

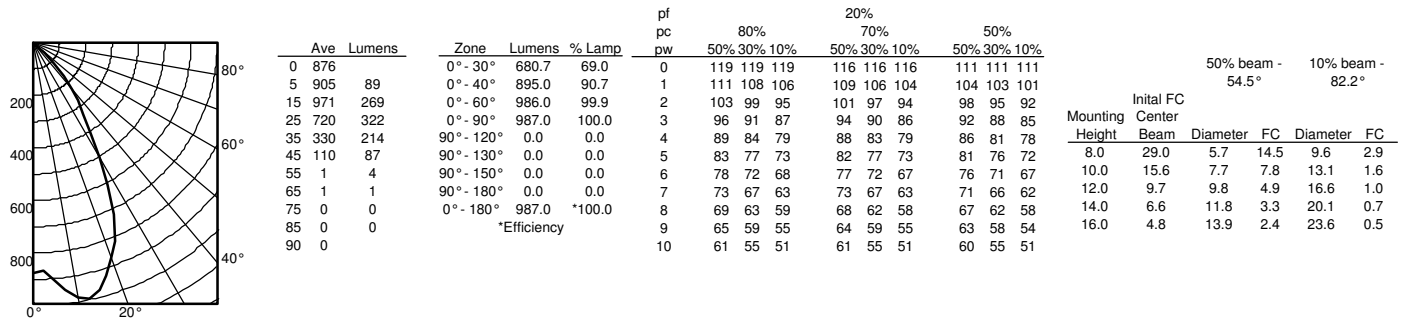
- Overall height varies based on lumen package; refer to dimensional chart on page 3.
- Not available with finishes.
- Not available with emergency options.
- Must specify voltage 120V or 277V.
- Available with clear (AR) reflector only.
- 12.5" of plenum depth or top access required for battery pack maintenance.
- Specify voltage. ER for use with generator supply EM power. Will require an emergency hot feed and normal hot feed.
- Fixture begins at 80% light level. Must be specified with NP-S80EZ or NPS80EZ ER. Only available with EZ10 and EZ1 drivers.
- Not available with CP, NPS80EZ, NPS80EZER, NPP16D, NPP-16DER or N80 options.
- NLTAIR2, NLTAIRER2 and NLTAIREM2 not recommended for metal ceiling installations.
- Fixture height is 6.5" for all lumen packages with HAO.
- Must specify voltage for 3000lm and above. 5000lm with marked spacing 24 L x 24 W x 14 H. Not available with emergency battery pack option.
- Must specify DALI driver. Not available with nLight options. Not available with CP. Not recommended for metal ceiling installation.

LDN6

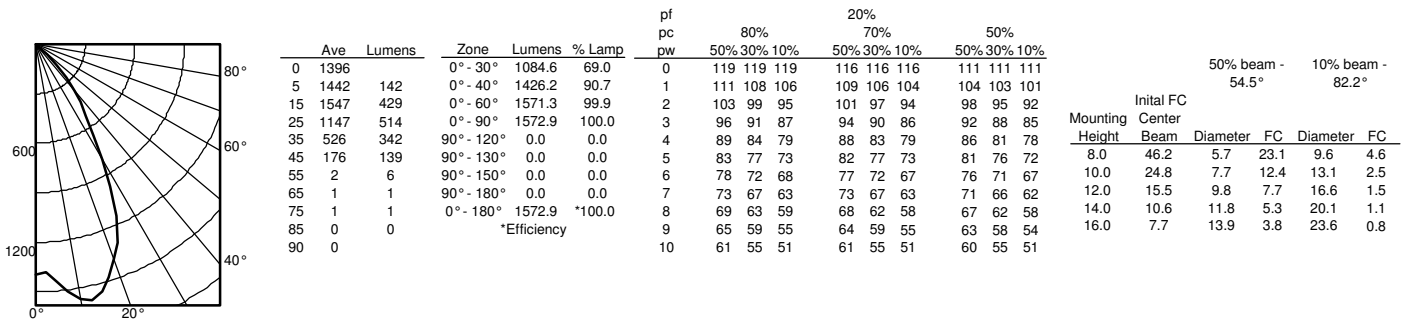
PHOTOMETRY

Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance Data at 30" Above Floor for a Single Luminaire
--------------------	-------------------	-------------	----------------------------	--

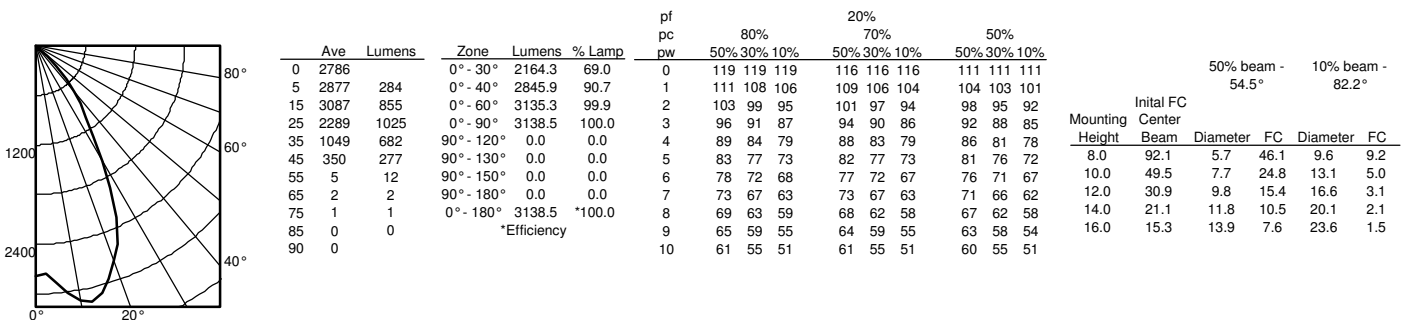
LDN6 35/10 L06AR, input watts: 10.44, delivered lumens: 987.10, LM/W = 94.54, spacing criterion at 0= 1.02, test no. ISF 30716P262.



LDN6 35/15 L06AR, input watts: 17.52, delivered lumens: 1572.9, LM/W = 89.77, spacing criterion at 0= 1.02, test no. ISF 30716P265.



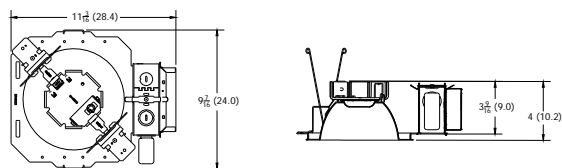
LDN6 35/30 L06AR, input watts: 34.75, delivered lumens: 3138.5, LM/W = 90.31, spacing criterion at 0= 1.02, test no. ISF 30716P274.



LDN6

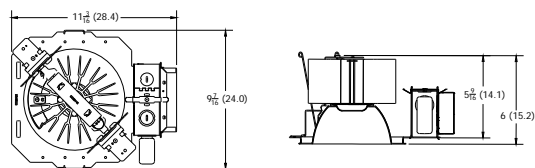
* All dimensions are inches (centimeters) unless otherwise noted.

LDN6 500 - 1500 LUMENS



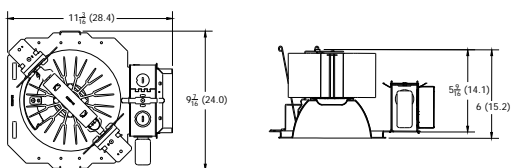
Aperture: 6-1/4 (15.9)
Ceiling Opening: 7-1/8 (18.1)
Overlap Trim: 7-1/2 (19.1)

LDN6 2000 - 3000 LUMENS



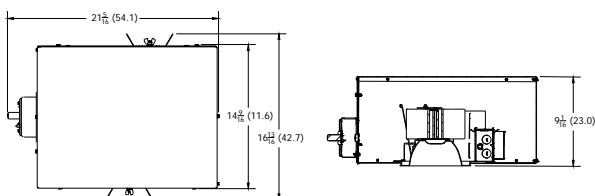
Aperture: 6-1/4 (15.9)
Ceiling Opening: 7-1/8 (18.1)
Overlap Trim: 7-1/2 (19.1)

LDN6 4000 - 5000 LUMENS



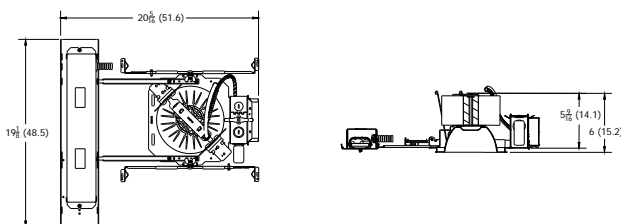
Marked Spacing: 24 x 24 x 10
Aperture: 6-1/4 (15.9)
Ceiling Opening: 7-1/8 (18.1)
Overlap Trim: 7-1/2 (19.1)

LDN6 CP



Aperture: 6-1/4 (15.9)
Ceiling Opening: 7-1/8 (18.1)
Overlap Trim: 7-1/2 (19.1)

LDN6 EL



Marked Spacing above 3000 Lumens: 24 x 24 x 10
Aperture: 6-1/4 (15.9)
Ceiling Opening: 7-1/8 (18.1)
Overlap Trim: 7-1/2 (19.1)

LDN6			
Nominal Lumens	Lumens	Wattage	Lm/W
500	527.9	5.8	90.5
750	758.1	8.9	85.1
1000	950.1	10.4	91.0
1500	1514	17.5	86.4
2000	2006	22.5	89.1
2500	2504	28.3	88.6
3000	3021	34.8	86.9
4000	4008	44.3	90.6
5000	4975	57.7	86.3

HOW TO ESTIMATE DELIVERED LUMENS IN EMERGENCY MODE

Use the formula below to estimate the delivered lumens in emergency mode

$$\text{Delivered Lumens} = 1.25 \times P \times \text{LPW}$$

P = Output power of emergency driver. P = 10W for PS1055CP

LPW = Lumen per watt rating of the luminaire. This information is available on the ABL luminaire spec sheet.

The LPW rating is also available at Designlight Consortium.

LUMEN OUTPUT MULTIPLIERS - FINISH			
	Clear (AR)	White (WR)	Black (BR)
Specular (LS)	1.0	N/A	N/A
Semi-specular (LSS)	0.950	N/A	N/A
Matte diffuse (LD)	0.85	N/A	N/A
Painted	N/A	0.87	0.73

LUMEN OUTPUT MULTIPLIERS - CCT					
	2700K	3000K	3500K	4000K	5000K
80CRI	0.950	0.966	1.000	1.025	1.101

Notes

- Tested in accordance with IESNA LM-79-08.
- Tested to current IES and NEMA standards under stabilized laboratory conditions.
- CRI: 80 typical.

ADDITIONAL DATA



The Sensor Switch JOT enabled solution offers a wireless, app-free approach to single room lighting control. JOT enabled products use Bluetooth® Low Energy (BLE) technology to enable wireless dimming and switching.

Diagram



LDN6 Series

Sensor Switch
WSXA JOT

- 1. Power:** Install JOT enabled fixtures and controls as instructed.
- 2. Pair:** Insert the pairing tool into the pinhole on the wall switch; press and hold any button for 6 seconds.
- 3. Play:** Once paired, each fixture will individually dim down to 10% brightness. All products will be fully functional.

COMPATIBLE 0-10V WALL-MOUNT DIMMERS

MANUFACTURER	PART NO.	POWER BOOSTER AVAILABLE
Lutron®	Diva® DDTV	
	Diva® DVSCCTV	
	Nova T® NTFTV	
	Nova® NDTV	
Leviton®	AWSMT-7DW	CN100
	AWSMG-7DW	PE300
	AMRMG-7DW	
	Leviton Centura Fluorescent Control System	
	IllumaTech® IP7 Series	
Synergy®	ISD BC	RDMFC
	SLD LPCS	
	Digital Equinox (DEQ BC)	
Douglas Lighting Controls	WPC-5721	
Entertainment Technology	Tap Glide TG600FAM120 (120V)	
	Tap Glide Heatsink TGH1500FAM120 (120V)	
	Oasis OA2000FAMU	
Honeywell	EL7315A1019	EL7305A1010 (optional)
	EL7315A1009	
HUNT Dimming	Preset slide: PS-010-IV and PS-010-WH	
	Preset slide: PS-010-3W-IV and PS-010-3W-WH	
	Preset slide, controls FD-010: PS-IFC-010-IV and PS-IFC-010-WH-120/277V	
	Preset slide, controls FD-010: PS-IFC-010-3W-IV and PS-IFC-010-3W-WH-120/277V	
	Remote mounted unit: FD-010	
Lehigh Electronic Products	Solitaire	PBX
PDM Electrical Products	WPC-5721	
Starfield Controls	TR61 with DALI interface port	RT03 DALInet Router
WattStopper®	LS-4 used with LCD-101 and LCD-103	

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® control networks when ordered with drivers marked by a shaded background*
- This luminaire is part of an A+ Certified solution for nLight control networks, providing advanced control functionality at the luminaire level, when selection includes driver and control options marked by a shaded background*

To learn more about A+, visit www.acuitybrands.com/aplus.

*See ordering tree for details

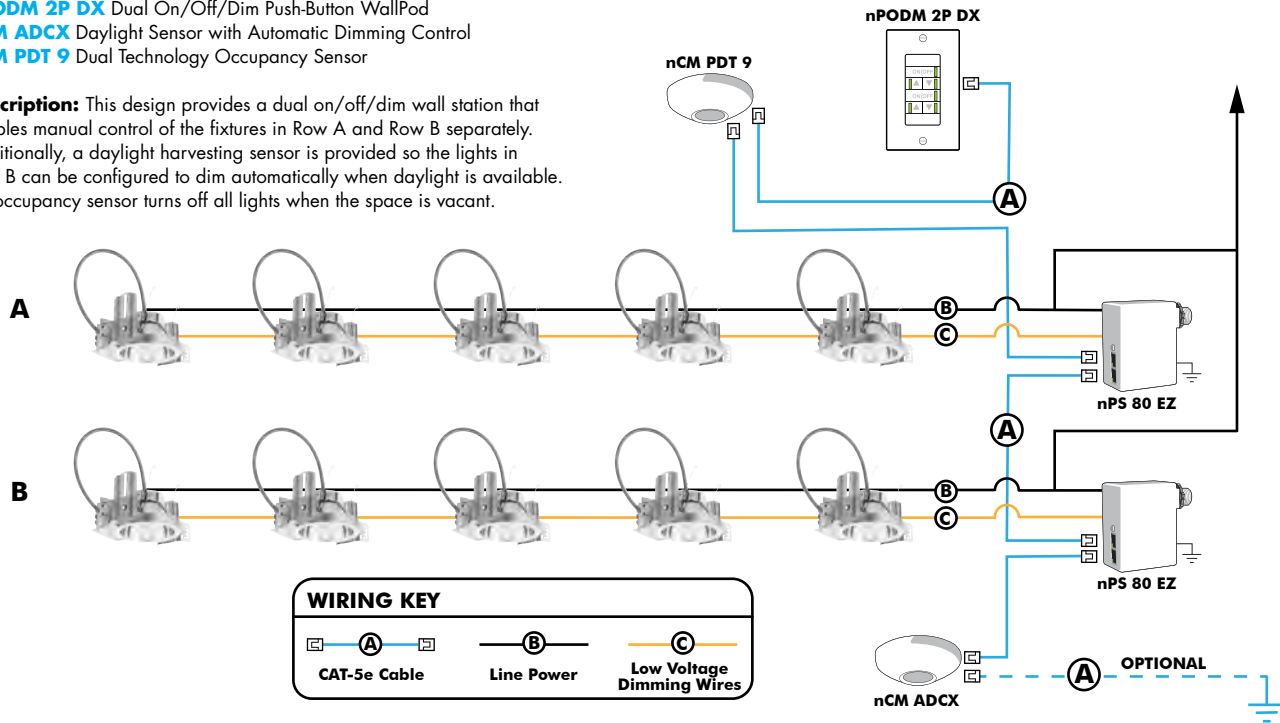
EXAMPLE

Group Fixture Control*

*Application diagram applies for fixtures with eldoLED drivers only.

nPS 80 EZ Dimming/Control Pack (qty: 2 required)**nPODM 2P DX** Dual On/Off/Dim Push-Button WallPod**nCM ADCX** Daylight Sensor with Automatic Dimming Control**nCM PDT 9** Dual Technology Occupancy Sensor

Description: This design provides a dual on/off/dim wall station that enables manual control of the fixtures in Row A and Row B separately. Additionally, a daylight harvesting sensor is provided so the lights in Row B can be configured to dim automatically when daylight is available. An occupancy sensor turns off all lights when the space is vacant.

**Choose Wall Controls**

nLight offers multiple styles of wall controls - each with varying features and user experience.



Push-Button Wallpod
Traditional tactile buttons and LED user feedback



Graphic Wallpod
Full color touch screen provides a sophisticated look and feel

nLight® Wired Controls Accessories:

Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlight for complete listing of nLight controls.

WallPod Stations	Model number	Occupancy sensors	Model Number
On/Off	nPODM (Color)	Small motion 360°, ceiling (PIR/dual Tech)	nCM 9 / nCM PDT 9
On/Off & Raise/Lower	nPOD DX (Color)	Large motion 360°, ceiling (PIR/dual tech)	nCM 10 / nCM PDT 10
Graphic Touchscreen	nPOD GFX (Color)	Wide View (PIR/dual tech)	nWV 16 / nWV PDT 16
Photocell controls	Model Number	Wall Switch w/ Raise/Lower (PIR/dual tech)	nWSX LV DX / nWSX PDT LV DX
Dimming	nCM ADCX	Cat-5 cables (plenum rated)	Model Number
		10', CAT5 10FT	CAT5 10FT J1
		15', CAT5 15FT	CAT5 15FT J1

nLight AIR

nLight AIR is the ideal solution for retrofit or new construction spaces where adding communication is cost prohibitive. The integrated nLight AIR rPP20 Power Pack is part of each Lithonia LDN Luminaire. These individually addressable controls offer the ultimate in flexibility during initial setup and for space repurposing.

**Simple as 1,2,3**

1. Install the nLight® AIR fixtures with embedded smart sensor
2. Install the wireless battery-powered wall switch
3. With CLAIRITY app, pair the fixtures with the wall switch and if desired, customize the sensor settings for the desired outcome

**nLight® AIR Control Accessories:**

Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlightair.

Wall switches	Model number
On/Off single pole	rPODB [color]
On/Off two pole	rPODB 2P [color]
On/Off & raise/lower single pole	rPODB DX [color]
On/Off & raise/lower two pole	rPODB 2P DX [color]
On/Off & raise/lower single pole	rPODBZ DX WH ¹

Notes

- 1 Can only be ordered with the RES7Z zone control sensor version.

SILENE CLASSIC 4156B-JMJ

PROJECT PROJÉT
SPEC TYPE
NOTES



OVERALL HEIGHT HAUTEUR HORS TOUT

LIGHT SOURCE	HAL TRACK 1 CIRCUIT	LED TRACK 1 CIRCUIT	HAL-LED	LED DIM	CFL	CFL DIM
MOUNTING	2734	2734E	2401E	2403G	2402G	2402J
CABLE	73.20"	73.60"	73.20"	73.95"	72.95"	49.45"
STEM	48.60"	49.00"	47.60"	48.35"	48.75"	49.25"

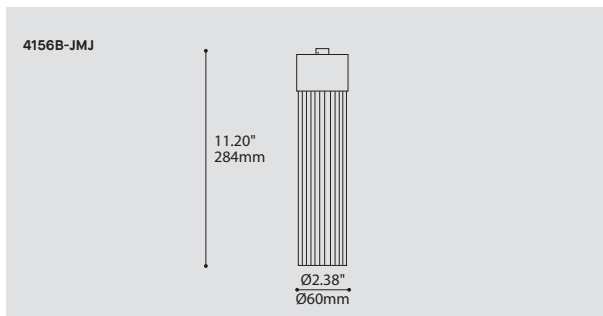
MOUNTING OPTIONS OPTIONS DE MONTAGE

2734	2734E	2401E	2403G	2402G	2402J
3.85" x 2.03" 98 x 52mm	6.15" x 2.00" 156 x 51mm	Ø4.50" x 1.00" Ø114 x 25mm	Ø4.50" x 1.75" Ø114 x 44mm	Ø5.25" x 1.75" Ø133 x 44mm	Ø5.25" x 2.25" Ø133 x 57mm








* OVERALL HEIGHT DOES NOT INCLUDE TRACK THICKNESS

STEM OR CABLE OPTIONS OPTIONS DE TIGE OU CABLE

STEM STD 36" 914mm	CABLE STD 60" 1523mm



Upper deck at Building A small pendants

ORDERING SPECIFICATION SPÉCIFICATION DE COMMANDE		CODE
MODEL MODÈLE		4156B-JMJ
4156B-JMJ	SILENE CLASSIC	
LIGHT SOURCE SOURCE LUMINEUSE		
(WATTAGE, LAMP TYPE, LAMP FORM, BASE TYPE, OTHER INFO)		
CF.D.13*		13W, CFL, DOUBLE TWIN TUBE, G24Q1 BASE
CF.D.18*		18W, CFL, DOUBLE TWIN TUBE, G24Q2 BASE
CF.D.26*		26W, CFL, DOUBLE TWIN TUBE, G24Q3 BASE
BIPIN.50		50W, HAL, BIPIN, GY6.35 BASE
LED.4		4W, LED
*NOT AVAILABLE WITH A TRACK ADAPTOR		
COLOR TEMPERATURE TEMPÉRATURE DE COULEUR		
FOR LED ONLY		
30	3000K	← yes 3000k is okay
35	3500K	
40	4000K	
VOLTAGE VOLTAGE		
120V	120 VOLT	
277V*	277 VOLT	
347V**	347 VOLT	
*NOT AVAILABLE WITH A TRACK ADAPTOR		
**ONLY AVAILABLE WITH CF.D.13, CF.D.18 AND CF.D.26 (NON-DIMMING BALLAST)		
DIMMING OPTION OPTION DE GRADATION		
AVAILABLE WITH CF.D.18 AND CF.D.26 ONLY, MAXIMUM 36" STEM / CABLE LENGTH		
DED	LUTRON ECOSYSTEM ELECTRONIC DIMMING BALLAST (ECOSYSTEM DIGITAL LINK WIRING)	
DE3	LUTRON ECOSYSTEM ELECTRONIC DIMMING BALLAST (3-WIRE WIRING)	
FOR LED ONLY		
DV*	0-10V DIMMING (120-277V)	
DP	PHASE DIMMING (120V ONLY)	
*NOT AVAILABLE WITH A TRACK ADAPTOR		
STEM OR CABLE TIGE OU CABLE		
S6	1/4" (6MM) STEM, FIELD ADJUSTABLE (NOT AVAILABLE WITH CFL LAMPS)	
S10	3/8" (10MM) STEM, NOT FIELD ADJUSTABLE (FOR CFL AND LAMPS ONLY)	
C	CLEAR CABLE, FIELD ADJUSTABLE	
STEM OR CABLE LENGTH LONGUEUR DE TIGE OU CABLE		
36	36" STEM (STD LENGTH)	
60	60" CABLE (STD LENGTH)	
**	CUSTOM STEM LENGTH (PLEASE SPECIFY)	
**	CUSTOM CABLE LENGTH (PLEASE SPECIFY)	
FOR OVERALL LENGTH PLEASE CONTACT YOUR EUREKA REPRESENTATIVE.		
MOUNTING MONTAGE		
RC		ROUND CANOPY / PAVILLON ROND FOR HAL & LED: 1.00" CANOPY (2401E) FOR CFL: 1.75" CANOPY (2402G) FOR DIMMING LED: 1.75" CANOPY (2403G) FOR DIMMING CFL: 2.25" CANOPY (2402J)
TA1		TRACK ADAPTOR / ADAPTATEUR DE RAIL 1 CIRCUIT HAL 120/12V ADAPTOR (2734) LED DIMMING & NON-DIMMING 120V ADAPTOR (2734E)
MOUNTING OPTION OPTION DE MONTAGE		
SCA*	SLOPE CEILING ADAPTOR / ADAPTATEUR DE PLAFOND EN PENTE (ROTATION: 350°, PIVOT: 90°)	
*ONLY AVAILABLE WITH A STEM		
TRACK ADAPTOR FINISH FINI ADAPTATEUR DE RAIL ^(A)		
WH	WHITE	
BLK	BLACK	
M G	METALLIC GRAY (2734 ONLY)	
^(A) FILL IN IF A TRACK ADAPTOR IS SELECTED, OTHERWISE LEAVE EMPTY		
STRUCTURE FINISH FINI STRUCTURE		
CHR	CHROME	
S C	SATIN CHROME	
CANOPY FINISH FINI PAVILLON ^(B)		
WH	WHITE	
^(B) IF NO FINISH IS SELECTED, CANOPY FINISH WILL BE THE SAME AS STRUCTURE FINISH		
DIFFUSER FINISH FINI DIFFUSEUR		
CLR	CLEAR	

WALL MOUNT 3155B-JMJ/JDJ/JDJA

SCREW MOUNT GLASS

JMJ-CLR
Extruded clear or
frosted ribbed glass

JDJ-WH/FRO
Hand blown white
triplex glass

JDJA-WH
Closed top white
acrylic shade

LED MODULE WITH
DIE-CAST ALUMINUM
HEATSINK
(DOUBLE FOR 3155B)

Black anodized for
improved thermal
management

STRUCTURE

Die-stamped steel
with plated finish

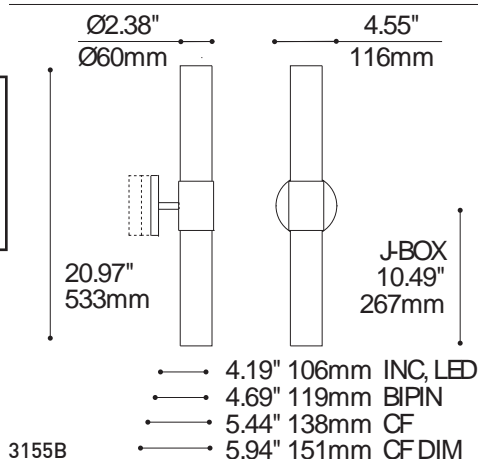
SUSPENSION 4156B-JMJ/JDJ/JDJA

WALL MOUNT 3156B-JMJ/JDJ/JDJA

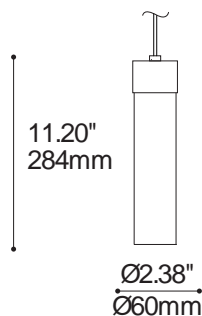
48° TOTAL BEAM ANGLE
PMMA TIR (total internal
reflecting) Ledil optic

OTHER LIGHT
SOURCES AVAILABLE

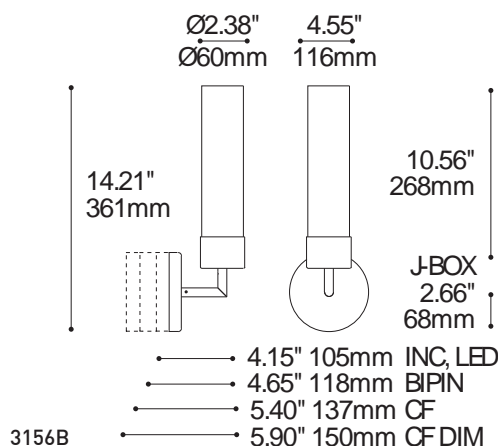
Fluorescent
Halogen (for JDJ/JMJ)
Incandescent
(for JDJ/JMJ)



3155B



4156B



3156B

SPECIFICATIONS

LIGHT SOURCE
MODULE
LUMENS (DELIVERED)
CRI
ROHS
VOLTAGE
DRIVER
DIMMING
WARRANTY
LM-79 & CERTIFICATION

3155B LED

2 x Nichia - total ±8 w
UL recognized - made in USA
880 lm (JDJ-WH) / 626 lm (JDJA-WH)
85 CRI (typical)
Compliant
120V - 277V
350 mA
Phase dimming (DP) & 0-10V Dimming (DV)
5 years (on electronic components)
On request & CSA recognized

4156B /3156B LED

1 x Nichia - total ±4 w
440 lm (JDJ-WH) / 312 lm (JDJA-WH)

SPECIFICATIONS

LIGHT SOURCE
VOLTAGE

Fluorescent

CFL 13/18/26 w (x 2 for 3155B)
120V-277V-347V, 120V for GX23
(dimming option available)

Halogen (for JDJ/JMJ)

Bipin 50 w (x 2 for 3155B)
120V-277V

Incandescent (for JDJ/JMJ)

B10/T10 100 w (x 2 for 3155B)
120V

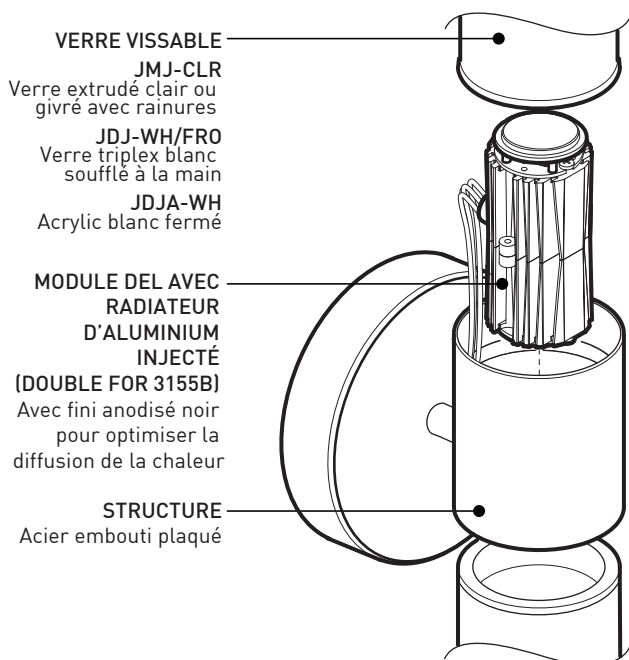


225 de Liège Ouest, Suite #200
Montréal (QC), Canada H2P 1H4
Tel : 514.385.3515 Fax : 514.385.4169
www.eurekalighting.com

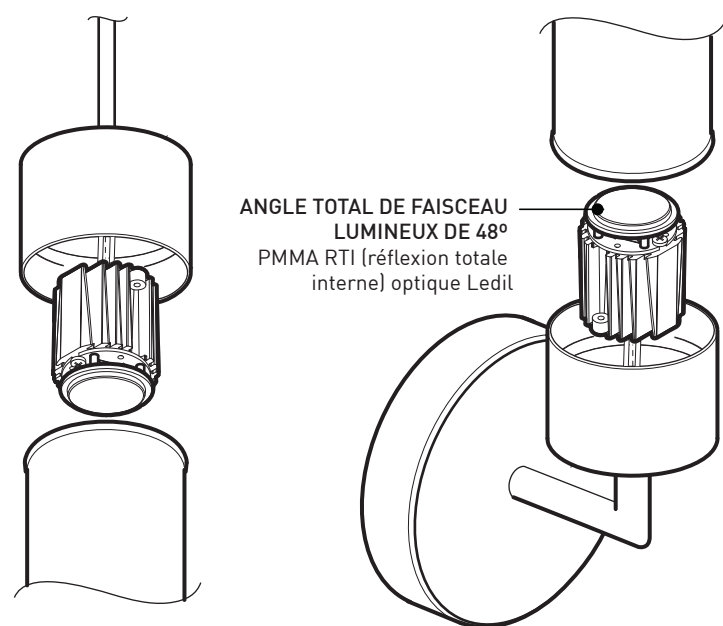


3155B 4156B
3156B

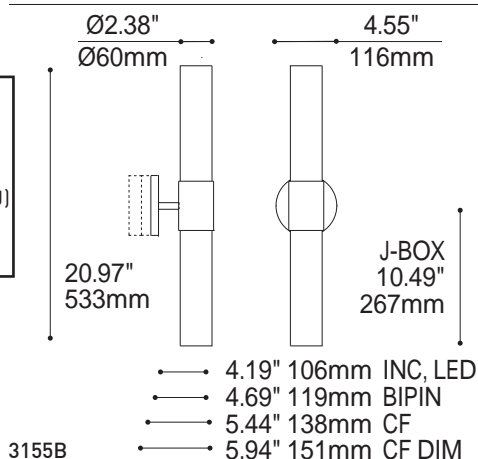
APPLIQUE MURALE 3155B-JMJ/JDJ/JDJA



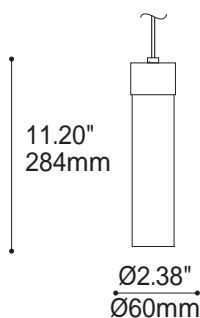
SUSPENSION 4156B-JMJ/JDJ/JDJA APPLIQUE MURALE 3156B-JMJ/JDJ/JDJA



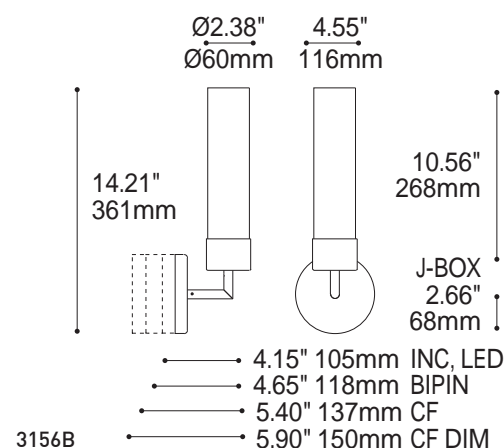
AUTRES SOURCES LUMINEUSES DISPONIBLES
Fluorescent
Halogène (pour JDJ/JMJ)
Incandescent (pour JDJ/JMJ)



3155B



4156B



3156B

SPECIFICATIONS

SOURCE LUMINEUSE
MODULE
LUMENS LIVRÉ
IRC
ROHS
VOLTAGE
PILOTE
GRADATION
GARANTIE
LM-79 & CERTIFICATION

3155B DEL

2 x Nichia - total ± 8 w
Reconnu par UL - fabriqué aux États-Unis
880 lm (JDJ-WH) / 626 lm (JDJA-WH)
85 CRI [typique]
Conforme
120V - 277V
350 mA
Gradation phase [DP] & Gradation 0-10V [DV]
5 ans (sur les composantes électroniques)
Sur demande & reconnu par CSA

4156B /3156B DEL

1 x Nichia - total ± 4 w
440 lm (JDJ-WH) / 312 lm (JDJA-WH)

SPECIFICATIONS

SOURCE LUMINEUSE
VOLTAGE

Fluorescent

CFL 13/18/26 w (x 2 pour 3155B)
120V-277V-347V, 120V pour GX23
(option de gradation disponible)

Halogène (for JDJ/JMJ)

Bipin 50 w (x 2 pour 3155B)
120V-277V

Incandescent (for JDJ/JMJ)

B10/T10 100 w (x 2 pour 3155B)
120V



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www.eurekalighting.com



3155B 4156B
3156B

Upper deck area at Building A - large pendants

job name:

type:

str8™ spec sheet3000k lumens

material
ribbed extruded aluminum outer housing in two lengths available in 2 anodized and 19 standard powder coat paint finishes listed below.

LED
COB in 2700K, 3000K, 3500K, or 4000K (80 cri standard) (90 cri optional) rated >36,000 hours L70 (6.8K) per LM-80 test data, and 71,000 hours projected life per IES TM-21.

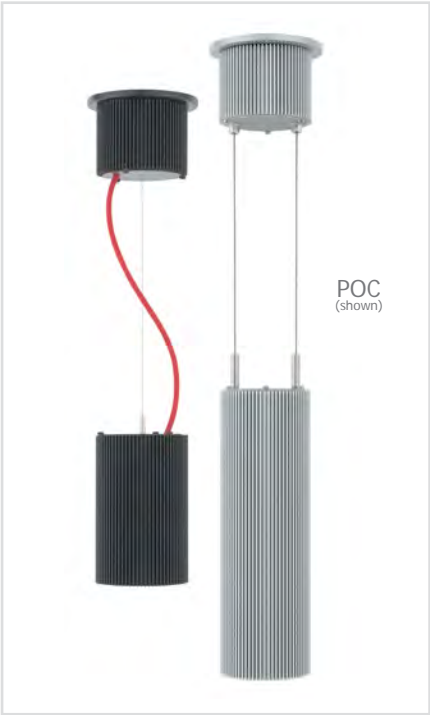
driver
in canopy, constant current, class P, class 2 power unit, class A sound rating, universal input (120-277V) programmable driver, 1% minimum dimming level, PF >0.90. protections include short circuit, input/output isolation and surge protection (3KV). wired for 0-10v dimming from factory.

mounting
extruded aluminum canopy painted to match fixture. ultrathin vertical stainless steel cable and field adjustable gripper that allow for exact AFF mounting heights. cloth-covered power cord color options listed below. cord requires special stripping tool (link).

power over cable (optional)
Class 2 LED powered suspension system that suspends and powers the fixture with thin stainless steel copper-core conductive cables, providing a clean look without the need for a separate power cord. powered suspension requires cable cutter (link) specifically designed to cut stainless steel aircraft cable from 1/32" to 1/8".

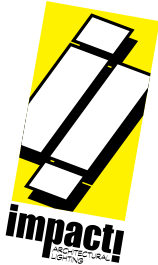
finish
select from 2 anodized and 19 standard powder coat paint finishes listed below or specify RAL# for custom colors.

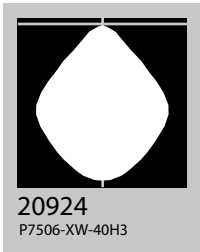
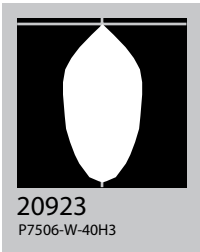
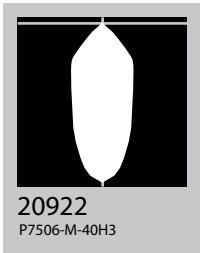
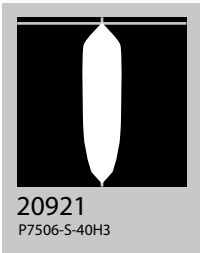
emergency
if required, recommend use of inverter (by other).



catalog number

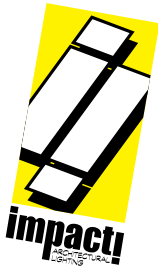
size	beam	CCT	lumens	anodized finishes	power cord	options
P7506 4"dia X 6.5"ht	S 20° spot M 30° med W 50° wide	27 2700K 30 3000K	L1 450 lm L2 800 lm	AN silver anodized ANB anodized black	BUPC blue cloth cord ORPC orange cloth cord PLPC purple cloth cord RDPC red cloth cord WGPC white & gray dot cloth cord POC power over cable	3FT 36" cables 6FT 72" cables 90CRI
P7512 4"dia X 12.75"ht	XW 90° extra wide	35 3500K 40 4000K	L3 1000 lm H1 1500 lm H2 2200 lm H3 3000 lm	painted finish BN brown BR brick red BS brass BU blue BZ bronze CP champagne GM gun metal GR green MB military blue MN mint MW matte white OR orange PL purple RD red SS satin silver TG textured gray TW textured white YO yellow		
				premium finish RAL specify RAL#		



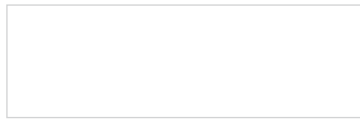


Cat No	Delivered* Lumens	Watts		Amps	
		120V / 277V	120V	277V	
L1	450	4	.03	.01	
L2	800	7	.06	.03	
L3	1000	10	.08	.04	
H1	1500	14	.12	.05	
H2	2200	20	.17	.07	
H3	3000	29	.24	.10	
	S 20° spot	M 30° med	W 50° wide	XW 90° extra	
ies file #	20921	20922	20923	20924	

*delivered lumens based on 4000K, 80+ cri (90cri multiplier .83)



Powder Coat Paint Finishes



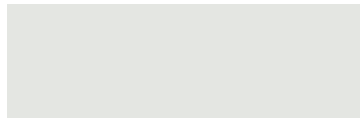
MW matte white



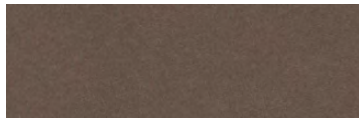
CP champagne



YO yellow 1018



TW textured white



BZ bronze



RD red 3020

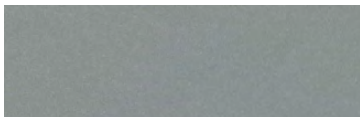
THIS COLOR



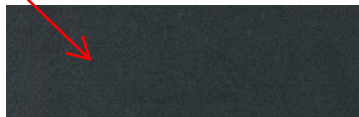
BS brass



BU blue 5017



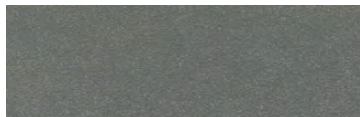
SS satin silver



GM gun metal



OR orange 2011



TG textured gray



BR brick red



MN mint 6019



BN brown 8023



GR green 6018



MB military blue



PL purple 4005

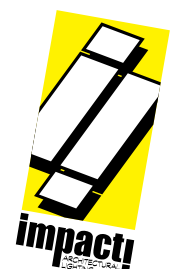
For accurate color verification, actual finish samples are available upon request.

Premium Finishes*



RAL#

*Available on select series. Consult product submittal for availability.



Application

This LED wall luminaire has a shielded light source with output in two directions. It is ideal for upward and downward lighting effects for interior and exterior locations. Arranged individually or in groups, this is a great design element for a host of lighting applications.

Materials

Luminaire housing constructed of die-cast marine grade, copper free (≤0.3% copper content) A360.0 aluminum alloy
Heavy pressed crystal glass with optical texture
High temperature silicone gasket
Mechanically captive stainless steel fasteners

NRTL listed to North American Standards, suitable for wet locations
Protection class IP 65
Weight: 4.9lbs

Electrical

Operating voltage	120-277V AC
Minimum start temperature	-30° C
LED module wattage	3.9 W
System wattage	6 W
Controllability	0-10V dimmable
Color rendering index	Ra > 80
Luminaire lumens	245 lumens (3000K)
Lifetime at Ta = 15° C	>500,000 h (L70)
Lifetime at Ta = 50° C	340,000 h (L70)

LED color temperature

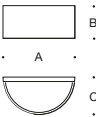
- 4000K - Product number + **K4**
- 3500K - Product number + **K35**
- 3000K - Product number + **K3**
- 2700K - Product number + **K27**

BEGA can supply you with suitable LED replacement modules for up to 20 years after the purchase of LED luminaires - see website for details

Finish

All BEGA standard finishes are matte, textured polyester powder coat with minimum 3 mil thickness.

Available colors	Black (BLK)	White (WHT)	RAL:
	Bronze (BRZ)	Silver (SLV)	CUS :



LED wall luminaire · shielded with output in two directions

	LED	A	B	C
33334	3.9 W	9 7⁄8	4 5⁄8	5 3⁄8

Type:
BEGA Product:
Project:
Modified:

**BUILDINGS B AND C
WHERE DESIGNATED
WITH A "B" NEXT TO THE
SCONCE FIXTURE**





Kurba Horizontal RGB & RGBW is a direct view, small profile, energy efficient and flexible LED strip suitable for wet locations capable of horizontal bends up to 2.5" radius. Built with robust factory made power feeds or joiners, Kurba Horizontal mounts to a specifically designed aluminum extruded channel.

Operating voltage
24 VDC

Operating temperature
-4°F to 113°F
(-20°C to 45°C)

Average life
50,000 hours

Approvals
Class 2 wet listed, IP67

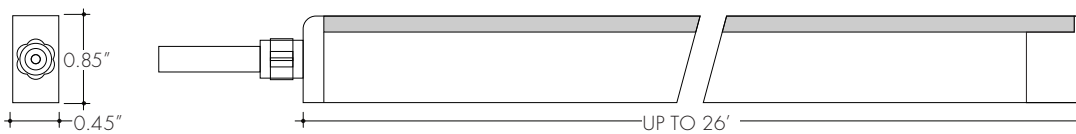
Warranty
3 years

Applications:
Outdoor wet location



NOTE: can be used as rope lighting that can be white color or different RGB values. and also can be applied in straight runs to highlight towers and accent walls too

Kurba dimensions

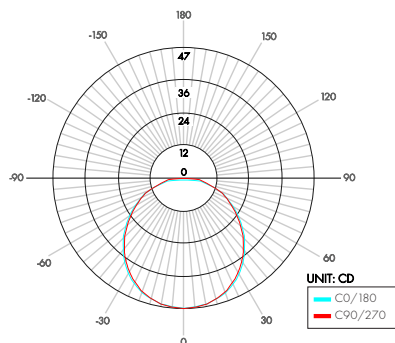


Technical information

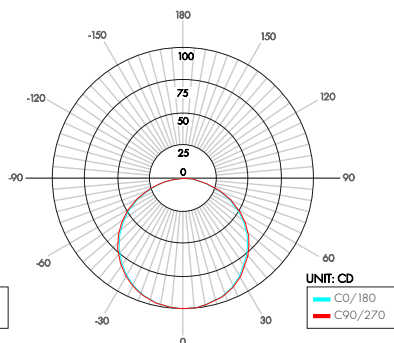
MODEL	RGB	RGBW (4000K)
LEDS/ft	18	18
Light output	Red: 6 lm/ft Green: 23 lm/ft Blue: 6 lm/ft All on: 34 lm/ft	Red: 12 lm/ft Green: 37 lm/ft Blue: 8 lm/ft White: 38 lm/ft All on: 95 lm/ft
Average power consumption at 4'	3.65 W/ft	4.57 W/ft
Ordering increment	3.93"	3.93"
Maximum run length (in series)	26 ft	20 ft

CANDLE POWER DISTRIBUTION

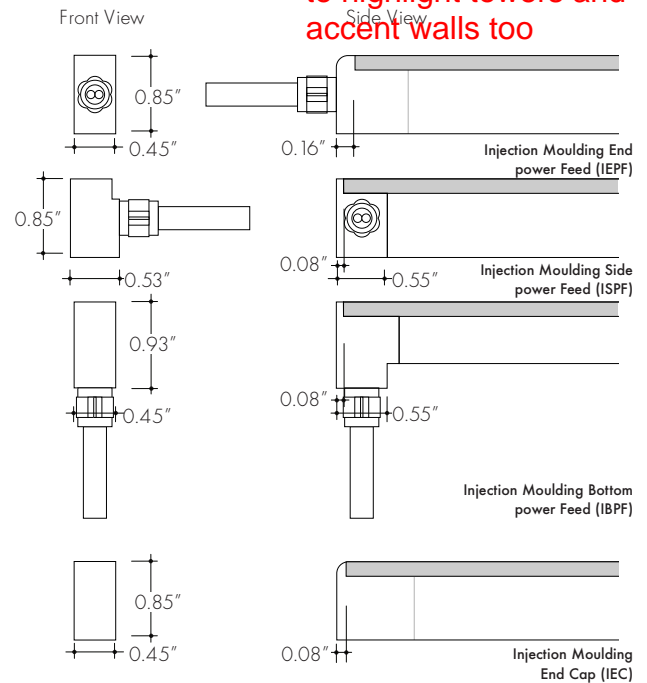
KBM-RGB-XX



KBM-RGBW-XX



Section Start/End Powerfeed option



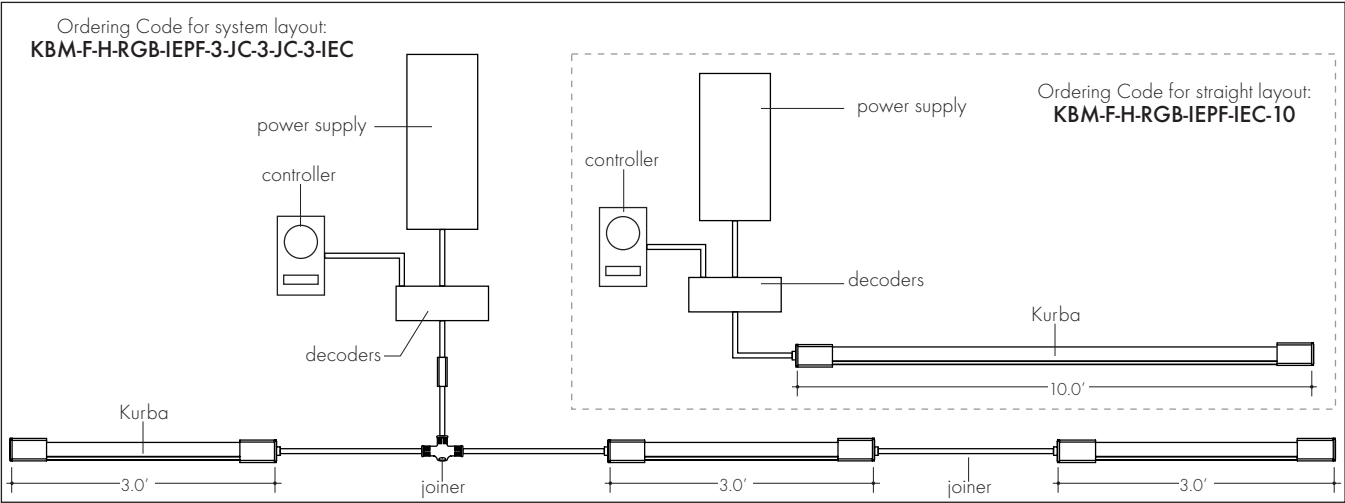
additional details on 3

Ordering code for straight run

MODEL	COLOR	SECTION START	SECTION END	LENGTH
KBM-F-H	RGB	IEPF	IEC	
KBM - Kurba medium, flat horizontal	RGB - Red, Green, & Blue RGBW - Red, Green, Blue, & White (4000K)	IEPF - Injection Moulding End power feed (72" wire lead) IBPF - Injection Moulding Bottom power feed (72" wire lead) ISPF - Side power feed (72" wire lead)	IEC - Injection Moulding End cap IEPF - Injection Moulding End power feed (72" wire lead) IBPF - Injection Moulding Bottom power feed (72" wire lead) ISPF - Side power feed (72" wire lead)	view table above for ordering increment, for additional information reference page 3

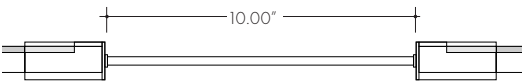
Kurba System Run

Sample layout



SECTION START/END OPTIONS

Joiner (JC)

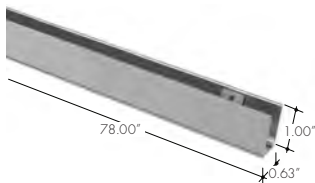


MODEL	COLOR	SECTION START	FIXTURE LENGTH	JOINER TYPE	FIXTURE LENGTH	SECTION END
KBM-F-H	RGB	IEPF		JC		IEC
KBM - Kurba medium, flat horizontal	RGB - Red, Green, & Blue RGBW - Red, Green, Blue, & White (4000K)	IEPF - Injection Moulding End power feed (72" wire lead) IBPF - Injection Moulding Bottom power feed (72" wire lead) ISPF - Side power feed (72" wire lead)	view table on page 1 for ordering increment	JC - Joiner	reference page 3 for actual measurements	IEPF - Injection Moulding End power feed (72" wire lead) IBPF - Injection Moulding Bottom power feed (72" wire lead) ISPF - Side power feed (72" wire lead)

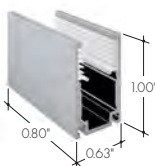
Each system run must be kept under power supply max wattage. Refer to page 4 for power supply information. Additional runs can be added to system, by continuing the same ordering code logic reference sample above.

Mounting Accessories & Optional Connectors

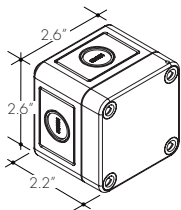
aluminum channel
Part # MC-KBM-F-H-78



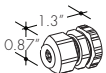
mounting bracket,
recommended every 8 inches
Part # MB-KBM-F-H-ST



Splice Box: Wet rated, low voltage splice box, gray
Part # LVSP-WVET



Connector: Low voltage splice box wet cable management gray
Part # LVSP-WET-CM



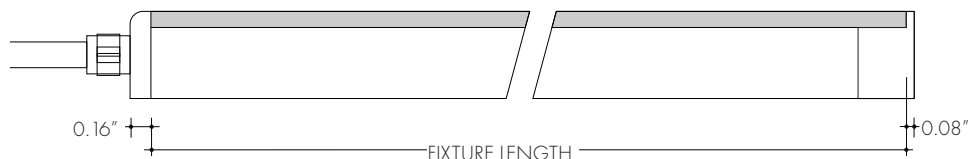
Power consumption per fixture length

Based on operation with PSD series of power supplies.

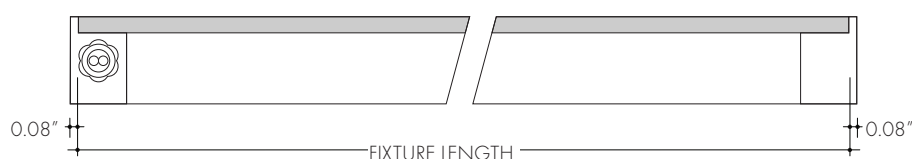
	RGB (max 26')	RGBW (max 20')							
Nominal Length	Total wattage	Total wattage	Cut Increment (3.93")	Actual Length (in)	Cut Increment (3.93")	Actual Length (in)	Cut Increment (3.93")	Actual Length (in)	Cut Increment (3.93")
1'	3.65	4.57	1	3.93"	26	102.36"	51 (17 FT)	200.79"	76 (25 FT)
2'	6.40	8.00	2	7.87"	27 (9 FT)	106.30"	52	204.72"	77
3'	9.90	12.38	3 (1 FT)	11.81"	28	110.24"	53	208.66"	78
4'	13.70	17.13	4	15.75"	29	114.17"	54 (18 FT)	212.60"	79 (26 FT)
5'	16.40	20.50	5	19.69"	30 (10 FT)	118.11"	55	216.54"	
6'	20.10	25.13	6 (2 FT)	23.62"	31	122.05"	56	220.47"	
7'	23.80	29.75	7	27.56"	32	125.98"	57 (19 FT)	224.41"	
8'	26.50	33.13	8	31.50"	33 (11 FT)	129.92"	58	228.35"	
9'	30.40	38.00	9 (3 FT)	35.43"	34	133.86"	59	232.28"	
10'	34.10	42.63	10	39.37"	35	137.80"	60 (20 FT)	236.22"	
11'	36.80	46.00	11	43.31"	36 (12 FT)	141.73"	61	240.16"	
12'	40.10	50.13	12 (4 FT)	47.24"	37	145.67"	62	244.09"	
13'	44.00	55.00	13	51.18"	38	149.60"	63	248.03"	
14'	46.70	58.38	14	55.12"	39 (13 FT)	153.54"	64 (21 FT)	251.97"	
15'	50.50	63.13	15 (5 FT)	59.06"	40	157.48"	65	255.91"	
16'	53.90	67.38	16	62.99"	41	161.42"	66	259.84"	
17'	56.50	70.63	17	66.93"	42 (14 FT)	165.35"	67 (22 FT)	263.78"	
18'	60.40	75.50	18 (6 FT)	70.87"	43	169.29"	68	267.72"	
19'	63.80	79.75	19	74.80"	44	173.23"	69	271.65"	
20'	66.70	83.38	20	78.74"	45 (15 FT)	177.17"	70 (23 FT)	275.59"	
21'	70.00		21 (7 FT)	82.68"	46	181.10"	71	279.53"	
22'	73.40		22	86.61"	47	185.04"	72	283.46"	
23'	76.00		23	90.55"	48 (16 FT)	188.98"	73 (24 FT)	287.40"	
24'	79.50		24 (8 FT)	94.49"	49	192.91"	74	291.34"	
25'	82.10		25	98.43"	50	196.85"	75	295.28"	
26'	85.30								tolerance +/- 0.25"

Must take into consideration endcap (reference below) for complete length

Injection Moulding Model (End feed)



Injection Moulding Model (Side & Bottom feed)

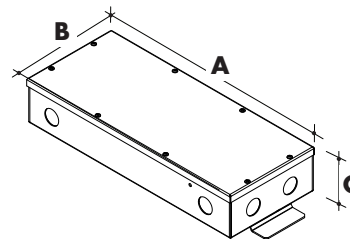


Power supply

See fixture and power supply instructions & spec sheet for wiring information. Dimming possible in select models - view luminii website for list of compatible dimmers.

Non-Dimming Power Supply

MODEL	POWER	OUTPUT	DIMMING	LOCATION
PSV	96	24	U2ND	D
PSV - PSV Series	96 - 96 Watt	24 - 24 VDC	U2ND - Non Dimming	D - Dry Location



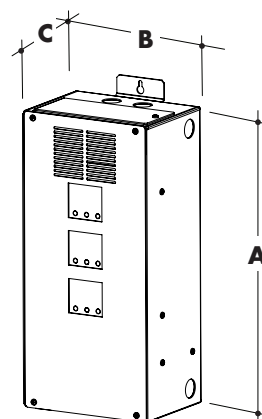
MODELS	96W
A Length	14.40"
B Width	5.20"
C Depth	2.60"

DMX Dimming Power Supplies

MODEL	POWER	OUTPUT
PSDMX	96	24
PSD - DMX Power Supply	96 - 96 Watt 3X96 - 3 X 96 Watt	24 - 24 VDC

Features eldoLED's LINEARdrive configurable dimmable drivers

MODELS	96	3X96
A Length	14.40"	15.75"
B Width	5.20"	6.60"
C Depth	2.60"	4.80"



DMX-3Z-RGBW

RGBW LED 1 or 3 Zone Controller



DMX /Wireless RGB-W wall-mount controller controls DMX lighting fixtures, wireless control of RGB-W lighting fixture or use both simultaneously. Fits in any standard US switch box. Includes all the outputs in the back of the controller.

Control brightness levels with a single touch, personalize and memorize 3 different scenes, and even create 3 variations of white.

ORDERING CODE

Model	Zones	Color
DMX	3Z	RGBW
DMX - DMX controller	3Z - Three Zone 1Z - One Zone	RGBW - Red, Green, Blue & White

Operating voltage
12 - 24V DC

Features

- 2 in 1 in-Wall Controller: DMX Control or Wireless RGB-W
- 65,000 Color Options, Dimming and Speed Control
- Memory Function
- 50 Foot Wireless Range
- Easily Fits Standard US Switch Boxes
- Touch Sensitive Glass Surface
- Includes 10 Built in Programs, or Create and Play Your Own

Color parameters

- Brightness
- Saturation
- Primary colors
- Fading
- Color changing speed

Touch DMX Controller

Touchscreen digital LED controller



ORDERING CODE

Model

TSDMX-E

TSDMX-E - Touchscreen DMX controller

Programmable advanced DMX512 lighting controller featuring a touch-screen interface. Operates as stand alone controller or integrated with most architectural lighting control systems. Can controller endless DMX512 enabled devices.

Mounts to standard single or dual gang wall box with the included power supply inside the junction box. Terminal block design for power and data connections.

Power supply

7 VDC (included)

Programmability

PC, Mac, Tablet, Smartphone

Output signal

DMX512 (1024 channels)

Color parameters

- Brightness
- Saturation
- Speed of color changing sequence
- Fading / dimming / brightness

Key Features

- Sleek glass design which sits 0.43" from the wall
- Graphical color display to show selected environment
- Color/dimmer/speed palette
- Color temperature mixing
- Touch sensitive buttons. No mechanical parts
- Touch sensitive wheel allows for accurate color selection
- Multi-zone microSD memory
- Multi-room control with 500 scenes, 10 zones
- 1024 DMX channels. Control 340 RGB fixtures
- USB & Ethernet connectivity for

DMX decoder

DMX signal to RGBW decoder (required to operate DMX controller)



Translates controller DMX512 programs for RGB and white LED strips.

Unique DMX address for the decoder can be set easily and displayed by the numeric display on the case. Changing and resetting the DMX address requires manual input.

Use power repeater to expand output.

Operating voltage

12-36 VDC

Power capacity

up to 96W at 24V

Operating temperature range

from -4 °F to +122 °F in case

ORDERING CODE

Model

DDMX-RGBW

DDMX-RGBW - DMX decoder

FEATURES & SPECIFICATIONS

INTENDED USE — Typical applications include corridors, lobbies, conference rooms and private offices.

CONSTRUCTION — Galvanized steel mounting/plaster frame; galvanized steel junction box with bottom-hinged access covers and spring latches. Reflectors are retained by torsion springs.

Vertically adjustable mounting brackets with commercial bar hangers provide 3-3/4" total adjustment. Two combination 1/2"-3/4" and four 1/2" knockouts for straight-through conduit runs. Capacity: 8 (4 in, 4 out). No. 12 AWG conductors, rated for 90°C.

Accommodates 12"-24" joist spacing.

Passive cooling thermal management for 25°C standard; high ambient (40°C) option available. Light engine and drivers are accessible from above or below ceiling.

Max ceiling thickness 1-1/2".

OPTICS — LEDs are binned to a 3-step SDCM; 80 CRI minimum. 90 CRI optional.

LED light source concealed with diffusing optical lens.

General illumination lighting with 1.0 S/MH and 55° cutoff to source and source image.

Self-flanged anodized reflectors in specular, semi-specular, or matte diffuse finishes. Also available in white and black painted reflectors.

ELECTRICAL — Multi-volt (120-277V, 50/60Hz) 0-10V dimming drivers mounted to junction box, 10% or 1% minimum dimming level available.

0-10V dimming fixture requires two (2) additional low-voltage wires to be pulled.

70% lumen maintenance at 60,000 hours.

LISTINGS — Certified to US and Canadian safety standards. Wet location standard (covered ceiling).

IP55 rated. ENERGY STAR® certified product.

WARRANTY — 5-year limited warranty. Complete warranty terms located at:

www.acuitybrands.com/support/customer-support/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.



A+ Capable options indicated by this color background.

Catalog Number
Notes
Type



LDN6

**6" Open and WallWash LED
Non-IC**

New Construction Downlight



ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: LDN6 35/15 L06AR LSS MVOLT EZ10

LDN6					
Series	Color temperature	Lumens ¹	Aperture/Trim Color	Finish	Voltage
LDN6 6" round	27/ 2700K 30/ 3000K 35/ 3500K 40/ 4000K 50/ 5000K	05 500 lumens 07 750 lumens 10 1000 lumens 15 1500 lumens 20 2000 lumens	25 2500 lumens 30 3000 lumens 40 4000 lumens 50 5000 lumens	L06 Downlight LW6 Wallwash AR Clear WR ² White BR ² Black	LSS Semi-specular LD Matte diffuse LS Specular MVOLT Multi-volt 120 120V 277 277V 347 ³ 347V

Driver	Options
GZ10 0-10V driver dims to 10%	SF ⁴ Single fuse
GZ1 0-10V driver dims to 1%	TRW ⁵ White painted flange
EZ10 0-10V eldoLED driver with smooth and flicker-free deep dimming performance down to 10%	TRBL ⁵ Black painted flange
EZ1 0-10V eldoLED driver with smooth and flicker-free deep dimming performance down to 1%	EL ⁶ Emergency battery pack with integral test switch. 10W Constant Power, Not Certified in CA Title 20 MAEDBS
	ELR ⁶ Emergency battery pack with remote test switch. 10W Constant Power, Not Certified in CA Title 20 MAEDBS
	ELSD ⁶ Emergency battery pack with self-diagnostics, integral test switch. 10W Constant Power, Not Certified in CA Title 20 MAEDBS
	ELRSD ⁶ Emergency battery pack with self-diagnostics, remote test switch. 10W Constant Power, Not Certified in CA Title 20 MAEDBS
	E10WCP ⁶ Emergency battery pack, 10W Constant Power with integral test switch. Certified in CA Title 20 MAEDB
	E10WCPR ⁶ Emergency battery pack, 10W Constant Power with remote test switch. Certified in CA Title 20 MAEDB
DALI10 DALI driver dims to 10%	NPP16D ⁷ nLight® network power/relay pack with 0-10V dimming for non-eldoLED drivers (GZ10, GZ1).
DALI1 DALI driver dims to 1%	NPP16DER ⁷ nLight® network power/relay pack with 0-10V dimming for non-eldoLED drivers (GZ10, GZ1). ER controls fixtures on emergency circuit.
	N80 ⁸ nLight™ Lumen Compensation
	JOT ¹³ Wireless room control with "Just One Touch" pairing
	NPS80EZ ⁷ nLight® dimming pack controls 0-10V eldoLED drivers (EZ10, EZ1).
	NPS80EZER ⁷ nLight® dimming pack controls 0-10V eldoLED drivers (EZ10, EZ1). ER controls fixtures on emergency circuit.
	HAO ¹¹ High ambient option
	CP ¹² Chicago Plenum
	RRL ¹² RELOC®-ready luminaire connectors enable a simple and consistent factory installed option across all ABL luminaire brands. Available only in RRLA, RRLB, RRLAE, and RRLC12S. Refer to RRL spec sheet on www.acuitybrands.com for the RELOC product specifications.
	NLTAIR2 ^{9,10} nLight® Air enabled
	NLTAIRER2 ^{9,10} nLight® AIR Dimming Pack Wireless Controls. Controls fixtures on emergency circuit, not available with battery pack options
	NLTAIREM2 ^{9,10} nLight® AIR Dimming Pack Wireless Controls. UL924 Emergency Operation, via power interrupt detection. Available with battery pack options.
	USPOM US point of manufacture
	90CRI High CRI (90+)

Accessories: Order as separate catalog number.	
PS1055CP	FMC Power Sentry battery pack, T20 compliant, field installable, 10W constant power
EAC ISSM 375	Compact interruptible emergency AC power system
EAC ISSM 125	Compact interruptible emergency AC power system
GRA68 JZ	Oversized trim ring with 8" outside diameter ¹
SCA6	Sloped ceiling adapter. Refer to TECH-SCA for more options.

Notes

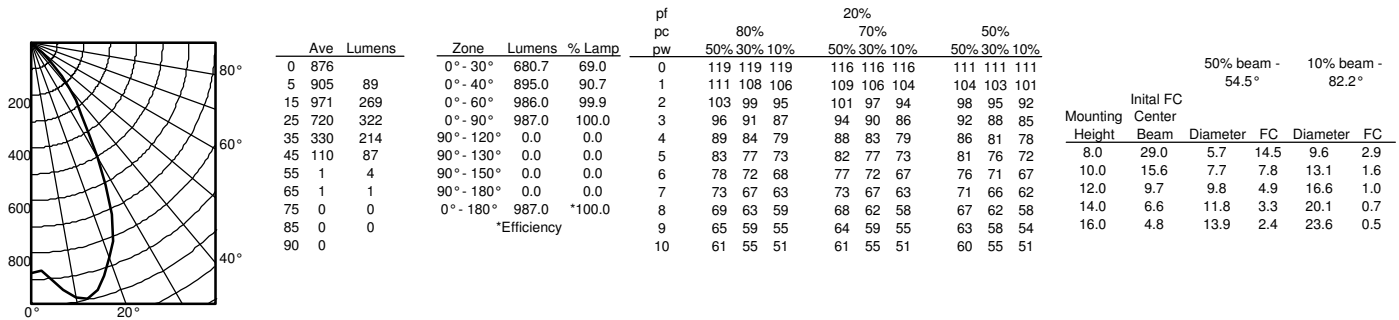
- Overall height varies based on lumen package; refer to dimensional chart on page 3.
- Not available with finishes.
- Not available with emergency options.
- Must specify voltage 120V or 277V.
- Available with clear (AR) reflector only.
- 12.5" of plenum depth or top access required for battery pack maintenance.
- Specify voltage. ER for use with generator supply EM power. Will require an emergency hot feed and normal hot feed.
- Fixture begins at 80% light level. Must be specified with NP-S80EZ or NPS80EZ ER. Only available with EZ10 and EZ1 drivers.
- Not available with CP, NPS80EZ, NPS80EZER, NPP16D, NPP-16DER or N80 options.
- NLTAIR2, NLTAIRER2 and NLTAIREM2 not recommended for metal ceiling installations.
- Fixture height is 6.5" for all lumen packages with HAO.
- Must specify voltage for 3000lm and above. 5000lm with marked spacing 24 L x 24 W x 14 H. Not available with emergency battery pack option.
- Must specify DALI driver. Not available with nLight options. Not available with CP. Not recommended for metal ceiling installation.

LDN6

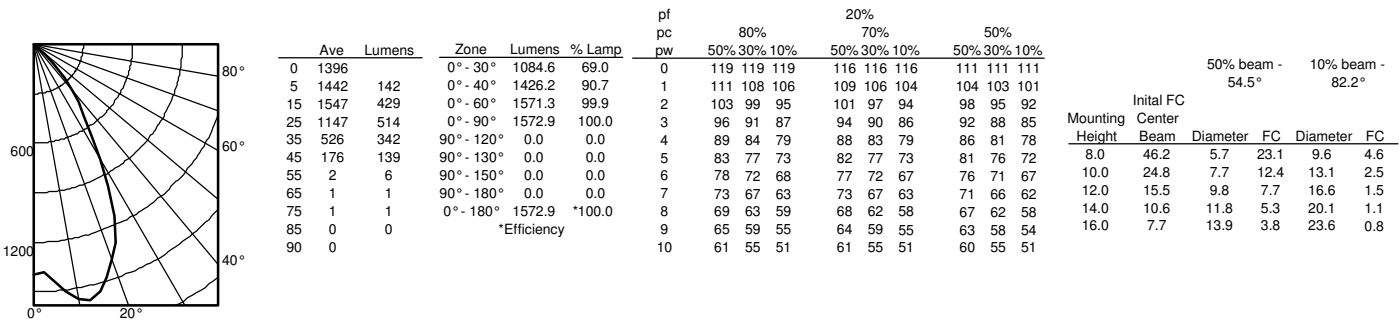
PHOTOMETRY

Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance Data at 30" Above Floor for a Single Luminaire
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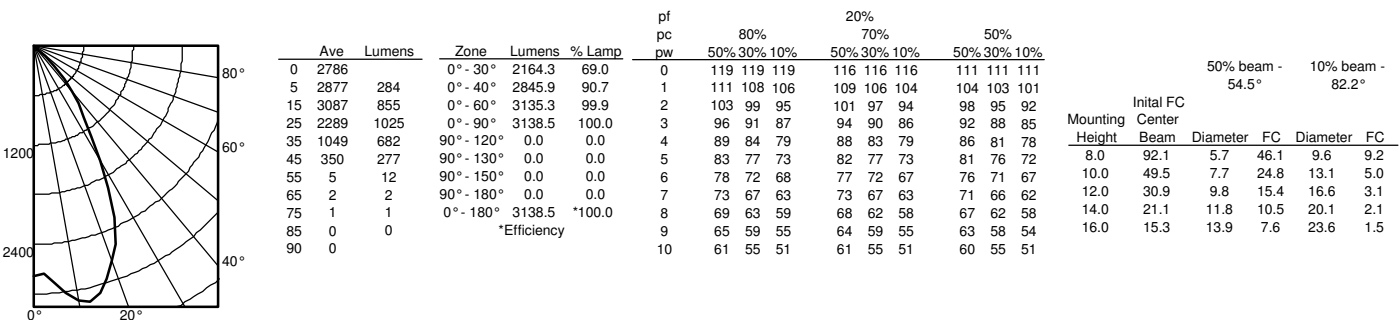
LDN6 35/10 L06AR, input watts: 10.44, delivered lumens: 987.10, LM/W = 94.54, spacing criterion at 0= 1.02, test no. ISF 30716P262.



LDN6 35/15 L06AR, input watts: 17.52, delivered lumens: 1572.9, LM/W = 89.77, spacing criterion at 0= 1.02, test no. ISF 30716P265.



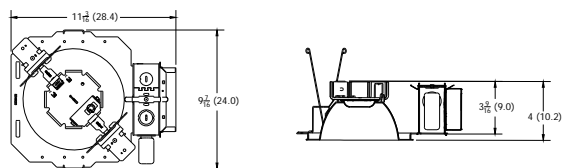
LDN6 35/30 L06AR, input watts: 34.75, delivered lumens: 3138.5, LM/W = 90.31, spacing criterion at 0= 1.02, test no. ISF 30716P274.



LDN6

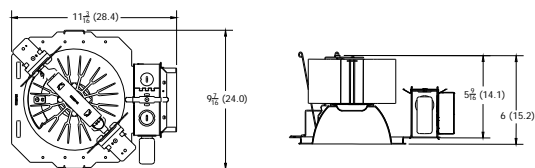
* All dimensions are inches (centimeters) unless otherwise noted.

LDN6 500 - 1500 LUMENS



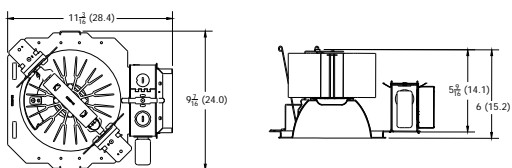
Aperture: 6-1/4 (15.9)
Ceiling Opening: 7-1/8 (18.1)
Overlap Trim: 7-1/2 (19.1)

LDN6 2000 - 3000 LUMENS



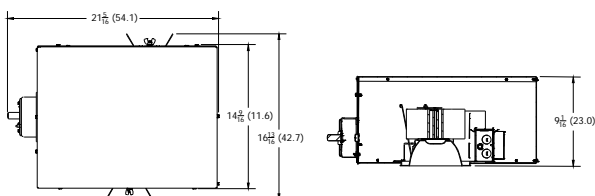
Aperture: 6-1/4 (15.9)
Ceiling Opening: 7-1/8 (18.1)
Overlap Trim: 7-1/2 (19.1)

LDN6 4000 - 5000 LUMENS



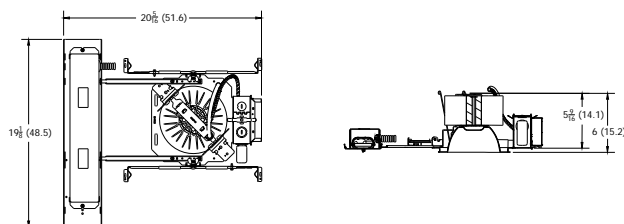
Marked Spacing: 24 x 24 x 10
Aperture: 6-1/4 (15.9)
Ceiling Opening: 7-1/8 (18.1)
Overlap Trim: 7-1/2 (19.1)

LDN6 CP



Aperture: 6-1/4 (15.9)
Ceiling Opening: 7-1/8 (18.1)
Overlap Trim: 7-1/2 (19.1)

LDN6 EL



Marked Spacing above 3000 Lumens: 24 x 24 x 10
Aperture: 6-1/4 (15.9)
Ceiling Opening: 7-1/8 (18.1)
Overlap Trim: 7-1/2 (19.1)

LDN6			
Nominal Lumens	Lumens	Wattage	Lm/W
500	527.9	5.8	90.5
750	758.1	8.9	85.1
1000	950.1	10.4	91.0
1500	1514	17.5	86.4
2000	2006	22.5	89.1
2500	2504	28.3	88.6
3000	3021	34.8	86.9
4000	4008	44.3	90.6
5000	4975	57.7	86.3

HOW TO ESTIMATE DELIVERED LUMENS IN EMERGENCY MODE

Use the formula below to estimate the delivered lumens in emergency mode

$$\text{Delivered Lumens} = 1.25 \times P \times \text{LPW}$$

P = Output power of emergency driver. P = 10W for PS1055CP

LPW = Lumen per watt rating of the luminaire. This information is available on the ABL luminaire spec sheet.

The LPW rating is also available at Designlight Consortium.

LUMEN OUTPUT MULTIPLIERS - FINISH			
	Clear (AR)	White (WR)	Black (BR)
Specular (LS)	1.0	N/A	N/A
Semi-specular (LSS)	0.950	N/A	N/A
Matte diffuse (LD)	0.85	N/A	N/A
Painted	N/A	0.87	0.73

LUMEN OUTPUT MULTIPLIERS - CCT					
	2700K	3000K	3500K	4000K	5000K
80CRI	0.950	0.966	1.000	1.025	1.101

Notes

- Tested in accordance with IESNA LM-79-08.
- Tested to current IES and NEMA standards under stabilized laboratory conditions.
- CRI: 80 typical.

ADDITIONAL DATA



The Sensor Switch JOT enabled solution offers a wireless, app-free approach to single room lighting control. JOT enabled products use Bluetooth® Low Energy (BLE) technology to enable wireless dimming and switching.

Diagram



LDN6 Series

Sensor Switch
WSXA JOT

- 1. Power:** Install JOT enabled fixtures and controls as instructed.
- 2. Pair:** Insert the pairing tool into the pinhole on the wall switch; press and hold any button for 6 seconds.
- 3. Play:** Once paired, each fixture will individually dim down to 10% brightness. All products will be fully functional.

COMPATIBLE 0-10V WALL-MOUNT DIMMERS

MANUFACTURER	PART NO.	POWER BOOSTER AVAILABLE
Lutron®	Diva® DDTV	
	Diva® DVSCCTV	
	Nova T® NTFTV	
	Nova® NDTV	
Leviton®	AWSMT-7DW	CN100
	AWSMG-7DW	PE300
	AMRMG-7DW	
	Leviton Centura Fluorescent Control System	
	IllumaTech® IP7 Series	
Synergy®	ISD BC	RDMFC
	SLD LPCS	
	Digital Equinox (DEQ BC)	
Douglas Lighting Controls	WPC-5721	
Entertainment Technology	Tap Glide TG600FAM120 (120V)	
	Tap Glide Heatsink TGH1500FAM120 (120V)	
	Oasis OA2000FAMU	
Honeywell	EL7315A1019	EL7305A1010 (optional)
	EL7315A1009	
HUNT Dimming	Preset slide: PS-010-IV and PS-010-WH	
	Preset slide: PS-010-3W-IV and PS-010-3W-WH	
	Preset slide, controls FD-010: PS-IFC-010-IV and PS-IFC-010-WH-120/277V	
	Preset slide, controls FD-010: PS-IFC-010-3W-IV and PS-IFC-010-3W-WH-120/277V	
	Remote mounted unit: FD-010	
Lehigh Electronic Products	Solitaire	PBX
PDM Electrical Products	WPC-5721	
Starfield Controls	TR61 with DALI interface port	RT03 DALInet Router
WattStopper®	LS-4 used with LCD-101 and LCD-103	

This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® control networks when ordered with drivers marked by a **shaded background***
- This luminaire is part of an A+ Certified solution for nLight control networks, providing advanced control functionality at the luminaire level, when selection includes driver and control options marked by a **shaded background***

To learn more about A+, visit www.acuitybrands.com/aplus.

*See ordering tree for details

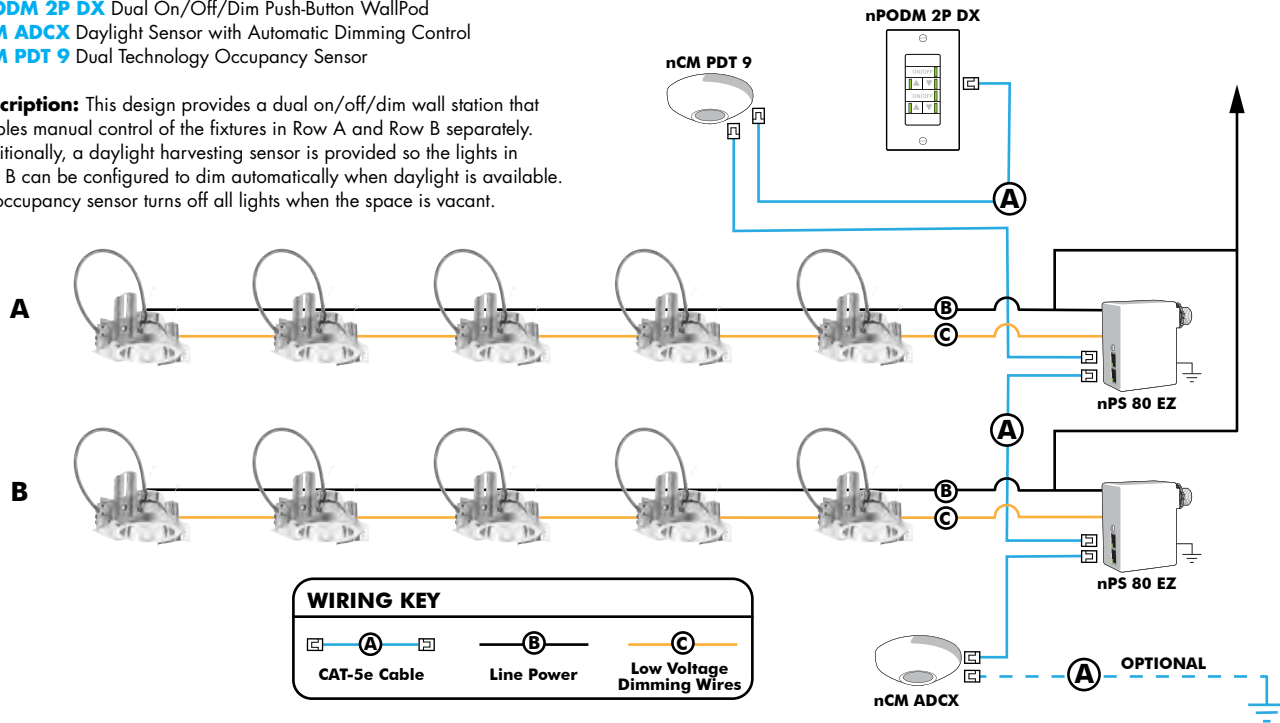
EXAMPLE

Group Fixture Control*

*Application diagram applies for fixtures with eldoLED drivers only.

nPS 80 EZ Dimming/Control Pack (qty: 2 required)**nPODM 2P DX** Dual On/Off/Dim Push-Button WallPod**nCM ADCX** Daylight Sensor with Automatic Dimming Control**nCM PDT 9** Dual Technology Occupancy Sensor

Description: This design provides a dual on/off/dim wall station that enables manual control of the fixtures in Row A and Row B separately. Additionally, a daylight harvesting sensor is provided so the lights in Row B can be configured to dim automatically when daylight is available. An occupancy sensor turns off all lights when the space is vacant.

**Choose Wall Controls**

nLight offers multiple styles of wall controls - each with varying features and user experience.

**Push-Button Wallpod**

Traditional tactile buttons and LED user feedback

**Graphic Wallpod**

Full color touch screen provides a sophisticated look and feel

nLight® Wired Controls Accessories:

Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlight for complete listing of nLight controls.

WallPod Stations	Model number	Occupancy sensors	Model Number
On/Off	nPODM (Color)	Small motion 360°, ceiling (PIR/dual Tech)	nCM 9 / nCM PDT 9
On/Off & Raise/Lower	nPOD DX (Color)	Large motion 360°, ceiling (PIR/dual tech)	nCM 10 / nCM PDT 10
Graphic Touchscreen	nPOD GFX (Color)	Wide View (PIR/dual tech)	nWV 16 / nWV PDT 16
Photocell controls	Model Number	Wall Switch w/ Raise/Lower (PIR/dual tech)	nWSX LV DX / nWSX PDT LV DX
Dimming	nCM ADCX	Cat-5 cables (plenum rated)	Model Number
		10', CAT5 10FT	CAT5 10FT J1
		15', CAT5 15FT	CAT5 15FT J1

nLight AIR

nLight AIR is the ideal solution for retrofit or new construction spaces where adding communication is cost prohibitive. The integrated nLight AIR rPP20 Power Pack is part of each Lithonia LDN Luminaire. These individually addressable controls offer the ultimate in flexibility during initial setup and for space repurposing.

**Simple as 1,2,3**

1. Install the nLight® AIR fixtures with embedded smart sensor
2. Install the wireless battery-powered wall switch
3. With CLAIRITY app, pair the fixtures with the wall switch and if desired, customize the sensor settings for the desired outcome

**nLight® AIR Control Accessories:**

Order as separate catalog number. Visit www.acuitybrands.com/products/controls/nlightair.

Wall switches	Model number
On/Off single pole	rPODB [color]
On/Off two pole	rPODB 2P [color]
On/Off & raise/lower single pole	rPODB DX [color]
On/Off & raise/lower two pole	rPODB 2P DX [color]
On/Off & raise/lower single pole	rPODBZ DX WH ¹

Notes

- 1 Can only be ordered with the RES7Z zone control sensor version.

LUMINIS®

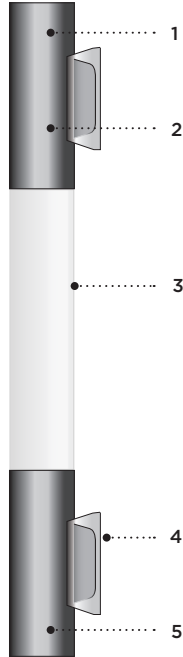
CL315/CL325/CL345 SERIES
LumiSTIK - LED
3" WALL

USE THIS ONE

TYPE: _____ QUANTITY: _____ PROJECT: _____

CATALOG NUMBER: _____

FIXTURE	WATTAGE	VOLTAGE	FINISH	OPTION	OPTION	OPTION	OPTION



ADA Compliant

- 1- Optional uplight component with sealed optics.
- 2- Ø 3" (76mm) seamless extruded aluminum housing for electrical components.
- 3- Ø 3" (76mm) white translucent high impact UV stabilized acrylic lens.
- 4- Cast aluminum mounting box.
- 5- Optional downlight component with sealed optics.

All stainless steel hardware.

CL315/CL325/CL345



MATERIALS

LumiSTIK wall is made of seamless extruded corrosion resistant 356 aluminum alloy with a copper (CU) content of less than 0.1%. LED is contained in a white translucent high impact UV stabilized acrylic sealed lens. The assembly is designed to provide a uniform illumination.

ELECTRICAL

DRIVER Standard driver is 0-10V dimming-ready (dims to 10%) with: 120-277 multi-volt compatibility (50-60Hz), operating temperatures of -30°C/-22°F to 60°C/140°F, output over voltage protection, output over current protection, output short circuit protection with auto-recovery.

LED Standard 4000K CCT/80 CRI. Optional 3000K & 3500K.

LIFE

50,000hrs L85B50 (based on IESNA TM-21 Test Method and LM-80 data).

FINISH

Five-stage preparation process including preheating of cast aluminum parts for air extraction, and an environmentally friendly alloy sealant. Polyester powder coating is applied through an electrostatic process and oven cured for long term finish.

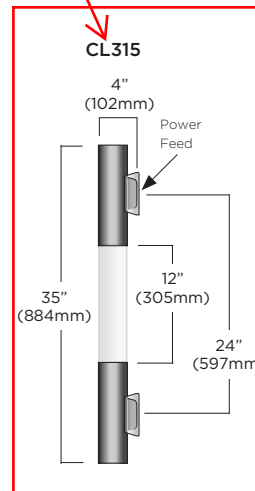
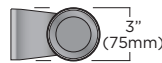
MOUNTING

Weight: CL315: 7.8 lbs (3.5 kg), CL325: 8.7 lbs (4 kg), CL345: 10.4 lbs (4.7 kg)
The mounting plate is designed to fit on a 2X4" (51x102mm) rectangular electrical box using 3.156" (80mm) C/C mounting holes. Optional trimming plate for octagonal jbox (option MT4).

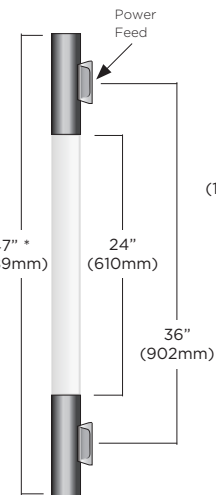
CERTIFICATION

Tested to UL1598 and CSA 22.2 #250. ETL listed wet location. Rated IP66.

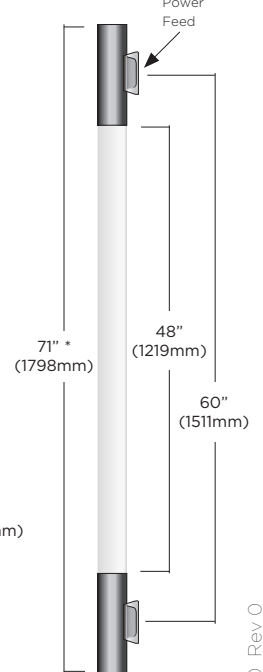
USE THIS ONE



CL325



CL345



*OAH increases when UDL option is selected. See Note #4 on pg2.

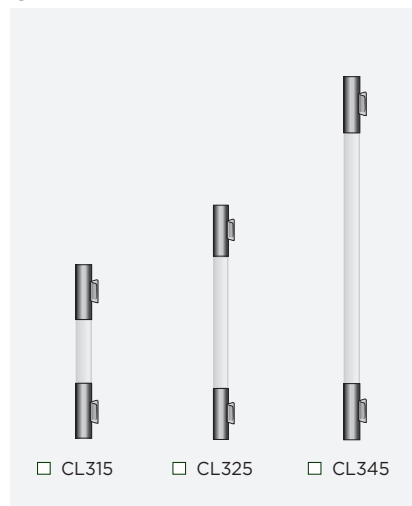
CL315/CL325/CL345 SERIES

LumiSTIK - LED

ADA Compliant

LUMINAIRE SELECTION

1 MODEL#



2 LED LIGHT SELECTION (4000K/80CRI)

	SUFFIX	INPUT WATTS	DELIVERED LUMENS
CL315	<input type="checkbox"/> L56W10	10W	830
	SUFFIX	INPUT WATTS	DELIVERED LUMENS
CL325	<input type="checkbox"/> L112W10	10W	830
	<input type="checkbox"/> L112W20	20W	1640
	<input type="checkbox"/> L112W30	30W	2250
	SUFFIX	INPUT WATTS	DELIVERED LUMENS
CL345	<input type="checkbox"/> L224W20	20W	1660
	<input type="checkbox"/> L224W40	40W	3240

3 VOLTAGE¹

- ☐ 120V
☐ 277V

4 FINISH

STANDARD COLORS

- ☐ WHT Snow white
☐ BKT Jet black
☐ BZT Bronze
☐ MST Matte silver
☐ GRT Titanium gray
☐ DGT Gun metal
☐ CHT Champagne
☐ SGT Steel gray
☐ BGT English cream

(Refer to color chart)

OPTIONAL COLORS

- ☐ CS Custom color
☐ RAL RAL# color

OPTIONS

ELECTRICAL

- ☐ FS Fuse
☐ REML2-50 7W remote emergency battery backup for LED, 90 min.
Remote mount 50ft - 12" square enclosure with access cover²

MOUNTING

- ☐ MT4 Trim panel for octagonal box
☐ SWK Adaptor box for surface 3/4" conduit feed

LIGHT & OPTICS

Alternate CCT °K LED (LCF: Lumen conversion factor)

- ☐ K3 3000K CCT 80 CRI (LCF: 0.94)
☐ K35 3500K CCT 80 CRI (LCF: 0.983)

NOTE: Other CCT & higher CRI available, please consult factory.

REFLECTORS & UP/DOWN LIGHT COMPONENT³

Alternate reflector optics (26° Standard reflector) Reflector/spread lens combinations can be selected independently for up/down light. Select both reflector type by adding U & D to the suffix. (i.e. R40U R26D is 40° up and 26° down)

- ☐ R26 26° reflector optics (standard reflector)
☐ R40 40° flood optic
☐ UL Uplight (12W, 1078 delivered lumens)
☐ DL Downlight (12W, 1078 delivered lumens)
☐ UDL Uplight and downlight (24W, 2156 delivered lumens)⁴

NOTES

- 1- If no voltage is specified, luminaires are factory prewired by default for 120V. For other voltages, please specify with catalog number, or consult factory.
- 2- The remote enclosure must be interior. When DL (downlight component) is selected, battery powers the DL module unless otherwise specified.
- 3- Must select downlight component and reflector (otherwise 26° reflector optics will be offered by default). Uplight and downlight CCT will match CCT selected for fixture.
- 4- UDL option increases OAH for the following models: CL325-L112W20/L112W30 (OAH=54.5"), CL345-L224W20/L224W40 (OAH=78.5")

Please visit our web site www.luminis.com for complete I.E.S. formatted download data.

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Luminaires may be altered for design improvement or discontinued without prior notice.

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