

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

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MODEL#	LED LIGHT SELECTION (4000K/5000K/6000K)				VOLTAGE: <input type="checkbox"/> 120V <input type="checkbox"/> 277V	FINISH
	SUPPLY	INCH WATT	DELIVERED LUMENS			STANDARD COLORS
Type II	<input type="checkbox"/> 13.1x2.9x2.9	10W	1231		<input type="checkbox"/> 100V	WHT Snow white
	<input type="checkbox"/> 13.1x2.9x2.9	12W	1406		<input type="checkbox"/> 277V	WHT Matte white
	<input type="checkbox"/> 13.1x2.9x2.9	32W	3231		<input type="checkbox"/> 277V	BZT Bronze
Type V	<input type="checkbox"/> 13.1x2.9x2.9	10W	1231		<input type="checkbox"/> 100V	GRY Titanium gray
	<input type="checkbox"/> 13.1x2.9x2.9	12W	1406		<input type="checkbox"/> 277V	GRY Gun gray
	<input type="checkbox"/> 13.1x2.9x2.9	36W	3146		<input type="checkbox"/> 480V	CHT Champagne
AMBER LED (A - Dark Sky Approved)						
	SUPPLY	INCH WATT	DELIVERED LUMENS			OPTIONAL COLORS
Type V	<input type="checkbox"/> 13.1x2.9x2.9	10W	420		<input type="checkbox"/> CAC	Custom color
	<input type="checkbox"/> 13.1x2.9x2.9	12W	420		<input type="checkbox"/> RAL	RAL color
	<input type="checkbox"/> 13.1x2.9x2.9	12W	406			(Refer to color chart)

<input type="checkbox"/> FS	Fuse	Alternate CCT % LDC (LFC: Lumen conversion factor)	
<input type="checkbox"/> SP	Surge protector 10KV	<input checked="" type="checkbox"/> K27	2700K CCT 80 CRI (LFC: 0.91)
<input type="checkbox"/> PH	Photocell	<input checked="" type="checkbox"/> K3	3000K CCT 80 CRI (LFC: 0.94)
<input checked="" type="checkbox"/> REM12-50	Remote mount battery backup (7W / 90 min).	<input checked="" type="checkbox"/> K35	3500K CCT 80 CRI (LFC: 0.98)
	Remote mount to 50FT. 12" square enclosure with access cover.		

<input type="checkbox"/> BLC2	Blockout shield (two sides, installed at 90°) ⁴
<input type="checkbox"/> BLC3	Blockout shield (three sides) ⁴
<input type="checkbox"/> LVR	Glare control louvers provided with a 90° lens ⁵

- 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- REML2-50 not compatible with PH (photocell).
 - 3- BLC1 installed on back side when distribution Type II is selected.
 - 4- BLC2 and BLC3 not available with distribution type II.
 - 5- LVR cannot be combined with Blackout shield option.

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Specification Sheet

lumennico
Medium
BIDM

Project Name _____

City _____

Type _____ Catalog / Part Number _____

Distributions

Colors and Color Temperatures

ON/OFF 0-10V

Motion detector options

Eating

IP66 (optical chamber)

Certifications

Description

The Lumennico Luminatec Medium is an outdoor LED luminaire that uses a rectangular version of the Lumennico light engine to create a continuous line of light. It is available with, minimalist design is customizable, blends with both contemporary and heritage architectures, provides a high level of security, and is suitable for the outdoor environment. The Luminatec Small is available in several lengths, a number of distributions and output options, and provides a variety of light that brings the night to life.

Features

Mounting	Side mounting
Color and Color Temperature	2200K, 2700K, 3000K, 3500K, 4000K, 5700K

Distributions Type I, Type II or Type III (with or without backlight shields), Type 5 square

1.9G Vibration Rated Meets 1.9G AMB (13k-31 • 2010 vibration standard for Roadway applications)

Options Corrosion-resistant coating for hostile environments, Surge protector, 5 pin receptacles with and without shoring cap, 7-pin receptacles with and without shoring cap, Motion detector

Pole Mounting Adapter Straight pole and flange pole adapter (square and round pole); 4 in Luminatec pole adapter (square and round pole); 6 in

Warranty 5-year limited warranty.

Performance

Output (nominal lumens) Minimum 4000lm (1 board) / Minimum 20000lm (4 boards)

Efficiency Up to 107 lm/W (Type 5 square, 4000K, AMB lumens)

Color Rendering 3 SDCM for CRI 70+ and 2 SDCM for CRI 80+

Lumen Maintenance T80: L90 57,000 hrs (expected, To 25 °C [77 °F])
L70 > 120,000 hrs (projected, To 25 °C [77 °F])

Photometric information

Type 6 - 4000K, CB 70+

Nominal output [lm]	Typical delivered output [lm]	Efficiency [lm/W]	BUG Rating B U G	Typical maximum power 120/277V [W]
540	7,236	90	1 0 1	36
M100	4,729	87	1 0 1	55
M100	7,423	95	2 0 2	78
M100	9,827	86	2 0 2	115
I120	11,029	96	2 0 2	120
I140	12,561	90	3 0 3	140
I160	14,874	79	3 0 3	160
XL180	17,800	87	3 0 3	205
XL200	19,032	78	3* 0* 3*	240

Type 8 - 4000K, CB 70+

Nominal output [lm]	Typical delivered output [lm]	Efficiency [lm/W]	BUG Rating B U G	Typical maximum power 120/277V [W]
540	3,494	97	1 0 1	36
M100	5,141	94	1 0 1	55
M100	8,319	103	2 0 2	78
M100	10,693	92	2 0 2	115
I120	11,918	96	2 0 2	120
I140	13,571	97	3 0 3	140
I160	15,422	86	3 0 3	160
XL180	19,329	94	3 0 3	205
XL200	20,563	86	3* 0* 3*	240

Type IV - 4000K, CB 70+

Nominal output [lm]	Typical delivered output [lm]	Efficiency [lm/W]	BUG Rating B U G	Typical maximum power 120/277V [W]
540	2,989	88	1 0 1	36
M100	4,395	80	1 0 1	55
M100	6,858	88	2 0 2	78
I120	9,144	80	2 0 2	115
I120	10,199	85	2 0 2	120
I140	11,656	83	3 0 3	140
I160	13,189	79	3 0 3	160
XL180	16,530	81	3 0 3	205
XL200	17,547	72	3* 0* 3*	240

Nominal output power	typical delivered output power	Efficiency (typical)	BUG rating	typical maximum power	
W	W	(%)	B, U, C, A	W (277V)	
400	5,530	101	2	0	1
1400	5,530	97	3	0	1
4000	5,530	107	2	0	2
M1000	11,104	107	3	0	2
11000	11,104	103	4	0	2
11000	12,885	103	4	0	2
11400	15,054	101	4	0	2
11900	16,016	89	4	0	2
21100	20,073	98	4	0	2
30300	21,354*	89	3	0	3*

*Photometric performance is measured in compliance with IESNA LM-79-08. Due to rapid and continuous advance in LED technology, photometric information is subject to change without notice.

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APA and fixture weight tables

*Fixture weights are estimated.

Standard fixture

			S40/S60 1 board	M80/M100 2 boards	L120/L140/L160 3 boards	X1180/X1200 4 boards
APA	S1E	→	0.69	1.03	1.46	1.90
Weight	S1E	→	1.94	2.06	2.92	3.8
Weight	S2E	→	12.5	16	21	28
Weight	S2E	→	25	32	42	50

Dimensions

S40 and S60 (1 board)

M80 and M100 (2 boards)

L120, L140 and L160 (3 boards)

X1180 and X1200 (4 boards)

Fixture with motion detector option

			S40/S60 1 board	M80/M100 2 boards	L120/L140/L160 3 boards	X1180/X1200 4 boards
APA	S1E	→	0.92	1.25	1.69	2.13
Weight	S1E	→	1.84	2.5	3.38	4.25
Weight	S2E	→	15	18.5	22.5	27.5
Weight	S2E	→	30	37	47	55

S40 and S60 (1 board) - Motion detector option

M80 and M100 (2 boards) - Motion detector option

L120, L140 and L160 (3 boards) - Motion detector option

X1180 and X1200 (4 boards) - Motion detector option

Typical wiring diagrams

Wiring color code

Color	Black	White	Green	Purple	Gray
Use	Line	Line/Neutral	Ground	0-10V+	0-10V-

On/Off control (NO)

- A - Power input (120-480V, wiring by other)
- B - Conduit (by other)
- C - Power wiring (by other)
- D - Lumen/blade

- Consult factory for specific applications and maximum fixture count/cable length recommendations.

0-10V dimming (DM)

On/Off control (NO) - terminal connector wiring detail

- A - To driver
- B - Power input or from previous fixture
- C - Terminal connector
- D - Line
- E - Line/Neutral
- F - Ground
- G - 0-10V+
- H - 0-10V-
- I - Not required

0-10V dimming (DM) - terminal connector wiring detail

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HUME LED

IP66 HUME LED

DATE: _____ PROJECT: _____

CATALOG NUMBER LOGIC:

*220V only

CATALOG NUMBER LOGIC

Example: HU - LED - TR - x13 - FL - BLP - 12 - 11 - A - 2 - INC - MT

MATERIAL

Aluminum

SERIES

HU - Hume Floodlight

SOURCE

LED - Cold Phosphor Technology

HOUSING

TR - Integral Driver

LED TYPE

Available with Narrow Spot Optic

Available with NFL, FL, and WFL Optics

x105 - 36W/2.7K/80CRI x09 - 36W/2.7K/80CRI x13 - 34W/2.7K/80CRI x17 - 34W/2.7K/90CRI

x105 - 36W/3K/80CRI x107 - 36W/3K/90CRI x14 - 34W/3K/80CRI x18 - 34W/3K/90CRI

x107 - 36W/3.5K/80CRI x11 - 36W/3.5K/90CRI x15 - 34W/3.5K/80CRI x19 - 34W/3.5K/90CRI

x108 - 36W/4K/80CRI x12 - 36W/4K/90CRI x16 - 34W/4K/80CRI x20 - 34W/4K/90CRI

OPTICS

NS - Narrow Spot (11°) NFL - Narrow Flood (25°) FL - Flood (40°) WFL - Wide Flood (55°)

Finish (See page 2 for full-color swatches)

Standard Finishes (BZF, BZW, BLP, BLK, WHP, WHW, SAP, VER)

Premium Finish (BPP, AMG, AZG, BCM, BGE, BPP, CAP, CMG, CRI, CRM, HUG, MDS, NBP, OCP, RMG, SDS, SMG, TWC, WCF, WIR)

Also available in RAL Finishes

LENS TYPE

9 - Clear (Standard) 12 - Soft Focus 13 - Rectilinear

SHIELDING

11 - Honeycomb Baffle

CAP STYLE

A - 45°

B - 90°

C - Flush

D - 45° Less Weephole (Interior use only)

E - 90° Less Weephole (Interior use only)

KNUCKLE OPTIONS

1 - Rear Knuckle

2 - Side Knuckle

CONTROL TYPE

ELV - Dimming Driver (For use with Electronic Low Voltage Dimmer)*

INC - Dimming Driver (For use with Incandescent Dimmer)*


010 - 0-10V Dimming Driver (Dimming 1 - 100%)

INPUT VOLTAGE

MT - 120-277 VAC

OPTIONS

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DATE	PROJECT	TYPE		
CATALOG NUMBER LOGIC				
	CATALOG NUMBER LOGIC			
	Example: YK - I - LED - A2790 - BLP - SD - B1 - BLW - 010 - MT			
	MATERIAL			
	(Blank) - Aluminum B - Brass S - Stainless Steel			
	SERIES			
	YK - Yukon Commercial Steplight			
	STYLE			
	I - Indirect			
	SOURCE			
	LED - Linear Array			
	LED TYPE			
	A2780 - 12W/2700K/80CRI A2790 - 12W/2700K/90CRI			
	A3080 - 12W/3000K/80CRI A3090 - 12W/3000K/90CRI			
	A3580 - 12W/3500K/80CRI A3590 - 12W/3500K/90CRI			
	A4080 - 12W/4000K/80CRI A4090 - 12W/4000K/90CRI			
*Yields up to 60% loss in output	FINISH (See page 2 for full-color swatches)			
	Standard Finishes (B2P, B2W, BLP, BLR, BLW, WHP, WHW, SAR, VER)			
**200 only	Premium Finish (ABP, AMG, AQW, BCG, BGE, BP5, CAP, CMG, CRI, CRM, HUG, MDS, NBP, OCP, RMO, SDS, SSM, T4X, WP1, WTR)			
Housing may be shipped ahead upon request.	Also available in RAL Finishes			
	(MAC, POL, MIT)			
Stainless Steel Finishes (MAC, POL)				
FACEPLATE				
SD - Standard LD - Louvered VR - Visor				
BACKPLATE				
B1 - Stepped (For use with SD Faceplate)				
B2 - Curved (For use with SD Faceplate)				
BACKPLATE FINISH				
(Blank) - Backplate finish matches faceplate finish				
BLW* - Black Wrinkle finish for glare reduction				
CONTROL TYPE				
ELV - 12W Dimming Driver (For use with Electronic Low Voltage Dimmer)**				
INC - 12W Dimming Driver (For use with Incandescent Dimmer)**				
010 - 12W Dimming Driver (For use with 0-10 Dimmer)				
INPUT VOLTAGE				
MT - 120-277 VAC				

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CAPUTE	PROJECT	TYPE
CATALOG NUMBER LOGIC		
	CATALOG NUMBER LOGIC	
	Example: MA - LED - C28 - FL/FL - SAP - I2 - I1/I1 - B	
	MATERIAL	
	Aluminum	
	SERIES	
	MA - Mammoth	
	SOURCE	
	LED - with Color Tuning Technology	
	LED TYPE	
	C28 - 42W LED/1650-8000K + Saturation and Hue	
OPTIONS		
	SP - Spot (16")	MFL - Medium Flood (34")
		FL - Flood (48")
FINISH (See page 2 for full-color swatches)		
Standard Finishes (BZP, BZW, BLP, BLW, WHP, WHW, SAP, VER)		
Premium Finish (AP, AMG, AQW, BCM, BGE, BPY, CAP, CMG, CRI, CRM, HUG, MDS, NBR, OCP, RAG, SOS, SMO, TWT, WCP, WHT)		
Also available in RAL Finishes		
LENS TYPE		
I2 - Soft Focus		
SHIELDING*		
I1 - Honeycomb Baffle		
CAP STYLE		
B - 90°		
C - Flush		
E - 90° Less Weephole (interior use only)		

*Accessories up to 2 shielding media. Two shielding prices required.

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DATE:	PROJECT:	TYPE:
CATALOG NUMBER LOGIC:		
		
CATALOG NUMBER LOGIC		
MC - 512 - BLP		
SERIES		
MC - McKinley		
LAMP TYPE		
0 - By Others		
510 - 6.5W/15DEG/2700K		
511 - 6.5W/25DEG/2700K		
512 - 6.5W/40DEG/2700K		
513 - 6.5W/15DEG/3000K		
514 - 6.5W/25DEG/3000K		
515 - 6.5W/40DEG/3000K		
516 - 6.5W/40DEG/4000K		
FINISH (See below for full-color swatches)		
Standard Finishes (BZP, BZW, BLP, BLV, WHP, WHW, SAP, VER)		
		
STANDARD FINISHES		

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