

RATIO WALL
RWR10W2 LED WALLPACK

DATE: _____ LOCATION: _____
TYPE: _____ PROJECT: _____
CATALOG #:

FEATURES

- Low profile LED wall luminaire with a variety of BS distributions for lighting applications such as walkways and industrial building lighting.
- Featuring Motion Sensor Options which maximize energy efficiency with motion sensors at the base of the wall-mounted light fixture.
- Meets current standards.
- Control systems including photo controlled occupancy sensing, DALI Dimmable, 0-10V Dimming, and 0-10V Dimming with 0-10V Dimming.
- Battery Backup options available for emergency code compliance.
- Quick-mount design allows easy installation in most applications.
- 30V and 480V versions for industrial applications and code.
- Stock versions available in 3000K and 5000K color temperatures.

RELATED PRODUCTS

Ratio-Farm # Ratio-Base # Ratio-Cast

CONTROL TECHNOLOGY

SiteSign® **NX DISTRIBUTED INTELLIGENCE** wISCAPe™

SPECIFICATIONS

CONSTRUCTION

- Die cast housing with hidden vent heat sink for optimal heat dissipation while keeping a clean smooth water surface.
- Corrosion resistant die cast aluminum housing with powder coat finish.
- Powder paint finish provides excellent UV and corrosion resistance.
- Total weight is approximately 1.5 lbs.

OPTICS

- Clear optical polycarbonate lenses to create a large luminous surface area resulting in clear beam distribution with no hot spots.
- 40° or 50° beam spread.
- 3000K or 5000K (CIE) CRI > 90.
- Zero-voltage start.
- LED chips made by Epistar, S, and InV. Distribution type only available in 30V configuration.

INSTALLATION

- Clear-mount design provides easy installation to wall or to recessed junction boxes (RJ) using provided hardware.
- Integral back box centers 1/2" from hole.
- Integral back box standard with Dual Drive, Dual Feed, and DC Voltage and Battery Backup versions for RWL1 and RWL2.

ELECTRICAL

- 30V and 480V versions available for code compliance.
- 30V and 480V compatible driver options for code compliance.

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ORDERING GUIDE

Example: RWL1-48-44-48-18-180V-2-10V-BS-1

ORDERING INFORMATION

Model	Height	Width	Depth	Mounting	Color	Temp	Options
RWL1	10"	48"	18"	48"	48"	3000K	10V-BS-1
RWL2	10"	48"	18"	48"	48"	3000K	10V-BS-1

CONTROL SYSTEMS

Control System: _____
Control System: _____

STOCK ORDERING INFORMATION

Model	Height	Width	Depth	Mounting	Color	Temp	Options
RWL1	10"	48"	18"	48"	48"	3000K	10V-BS-1
RWL2	10"	48"	18"	48"	48"	3000K	10V-BS-1

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PERFORMANCE DATA

Model	Height	Width	Depth	Mounting	Color	Temp	Options
RWL1	10"	48"	18"	48"	48"	3000K	10V-BS-1
RWL2	10"	48"	18"	48"	48"	3000K	10V-BS-1

ACCESSORIES AND REPLACEMENT PARTS - MADE TO ORDER

Part Number: _____
Description: _____

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LUMINAIRE AMBIENT TEMPERATURE FACTOR (LATF)

Ambient Temperature	Latf
0°C	1.0
10°C	1.0
20°C	1.0
30°C	0.9
40°C	0.8
50°C	0.7

PROJECTED LUMEN MAINTENANCE

Ambient Temperature	Operating Hours	Lumen Maintenance
0°C	25,000	100%
10°C	50,000	95%
20°C	75,000	90%
30°C	100,000	85%
40°C	125,000	80%
50°C	150,000	75%

ELECTRICAL DATA

F.C.P. LEDS	Nominal Voltage	Input Current	Open Current	System Power	F.C.P. LEDS	Nominal Voltage	Input Current	Open Current	System Power
10	10V	0.08	0.08	0.8	10	10V	0.08	0.08	0.8
15	15V	0.12	0.12	1.2	15	15V	0.12	0.12	1.2
20	20V	0.16	0.16	1.6	20	20V	0.16	0.16	1.6
25	25V	0.20	0.20	2.0	25	25V	0.20	0.20	2.0
30	30V	0.24	0.24	2.4	30	30V	0.24	0.24	2.4
35	35V	0.28	0.28	2.8	35	35V	0.28	0.28	2.8
40	40V	0.32	0.32	3.2	40	40V	0.32	0.32	3.2
45	45V	0.36	0.36	3.6	45	45V	0.36	0.36	3.6

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PHOTOMETRY

Mounting Height: 30ft

Type II

DIMENSIONS

RWL1

RWL2

RWL1 with Integral Back Box

RWL2 with Integral Back Box

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DIMENSIONS (CONTINUED)

Back Box Accessory

ADDITIONAL INFORMATION

NOSP-MP

NOSP-SP

SCP-SP

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SCP-20E

SITING 7 PIN MODULE

SiteSign®

• Standoff fixture in a new form.
• Available as an accessory for new construction or retrofit applications (see ordering 7 pin module).

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PERFORMANCE DATA

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RWL1	10"	48"	18"	48"	48"	3000K	10V-BS-1
RWL2	10"	48"	18"	48"	48"	3000K	10V-BS-1



6 in. Round, Motion Sensor LED Ceiling Mount Light
Fixture, 3000K Warm White, 600 Lumens
MODEL: MCL-710600W

9 WATTS ENERGY
45 WATTS EQUIV.
WARM WHITE 3000K
600 LUMENS
3/5 DIMMING
MOTION SENSOR

PRODUCT SPECIFICATIONS

MODEL	MCL-710600W
MANUFACTURER	Maxxima
LIGHT TYPE	LED Ceiling Fixture
SHAPE	Round
CITY PACK SIZE	Single
WATTS	9
WATTS EQUIVALENT	45
BRIGHTNESS	600
LIGHT COLOR	Warm White
COLOR TEMPERATURE	3000K
CRI	80
LIFETIME HOURS	50,000
DIMMABLE	No
COLOR	White
SENSOR TYPE	Motion Sensor
BEAM SPREAD	120°
ETL LISTED	Yes
SUITABLE FOR	Dry Locations

HEIGHT	1"
DIAMETER	5.7"
WEIGHT	0.28 lbs
VOLTAGE	120V AC
WARRANTY	3 Years

ADDITIONAL INFORMATION

- Material: Plastic Diffuser, Polycarbonate Cast Aluminum
- Detects Motion Up To 15 Feet, When Mounted at 10 Feet Height
- Light Remains On With Motion, Turns Off After 30 Seconds When No Motion is Detected
- Electric w/ 3 Wire Nuts and Screws Provided
- Operating Temperature: -18°C to 55°C

**PRELIMINARY
NOT FOR
CONSTRUCTION**

no.	date	description

TANGERINE

421 N HALL
MESA, AZ 85208

PROJECT NO: 22039
DATE: 04/15/2024



atmosphere architects
p.o. box 5267
mesa, az 85211

contact: Tim Boyle
email: tim@atmosarch.com
tel: 917-526-0323

**LIGHTING CUT
SHEET
A012**

SA - SITE AREA LIGHT - 15 FT MOUNTING HEIGHT

BEACON
VIPER S
SMALL VIPER LUMINAIRE

DATE: LOCATION:
TYPE: PROJECT:
CATALOG #:

FEATURES

- Small size compared to Viper Large
- Wide choice of different LED wattage configurations
- New output combinations
- Designed to replace 150W up to 400W MH/HPS
- Suitable for retrofit

CONTROL TECHNOLOGY
NX INTELLIGENCE wisCAPE energent

RELATED PRODUCTS

STRIKE

ORDERING GUIDE

Model	LED Engine	Output	Beam	Mounting	Wattage	
VIPER 24	24W LED only	3000, 3500, 4000, 5000, 7000, 9000, 12000, 15000, 20000, 25000, 30000, 35000, 40000, 45000, 50000, 60000, 70000, 80000, 90000, 100000, 110000, 120000, 130000, 140000, 150000, 160000, 170000, 180000, 190000, 200000, 210000, 220000, 230000, 240000, 250000, 260000, 270000, 280000, 290000, 300000, 310000, 320000, 330000, 340000, 350000, 360000, 370000, 380000, 390000, 400000, 410000, 420000, 430000, 440000, 450000, 460000, 470000, 480000, 490000, 500000, 510000, 520000, 530000, 540000, 550000, 560000, 570000, 580000, 590000, 600000, 610000, 620000, 630000, 640000, 650000, 660000, 670000, 680000, 690000, 700000, 710000, 720000, 730000, 740000, 750000, 760000, 770000, 780000, 790000, 800000, 810000, 820000, 830000, 840000, 850000, 860000, 870000, 880000, 890000, 900000, 910000, 920000, 930000, 940000, 950000, 960000, 970000, 980000, 990000, 1000000	15 FT	Beam, No rotate	150-270°	400-2000

CONTROLS

CONTROLS CONTINUE

WARRANTY

KEY DATA

Model	Beam	Mounting	Wattage
VIPER 24	Beam, No rotate	150-270°	400-2000

BEACON
VIPER S
SMALL VIPER LUMINAIRE

DATE: LOCATION:
TYPE: PROJECT:
CATALOG #:

ORDERING GUIDE

Model	LED Engine	Output	Beam	Mounting	Wattage	
VIPER 24	24W LED only	3000, 3500, 4000, 5000, 7000, 9000, 12000, 15000, 20000, 25000, 30000, 35000, 40000, 45000, 50000, 60000, 70000, 80000, 90000, 100000, 110000, 120000, 130000, 140000, 150000, 160000, 170000, 180000, 190000, 200000, 210000, 220000, 230000, 240000, 250000, 260000, 270000, 280000, 290000, 300000, 310000, 320000, 330000, 340000, 350000, 360000, 370000, 380000, 390000, 400000, 410000, 420000, 430000, 440000, 450000, 460000, 470000, 480000, 490000, 500000, 510000, 520000, 530000, 540000, 550000, 560000, 570000, 580000, 590000, 600000, 610000, 620000, 630000, 640000, 650000, 660000, 670000, 680000, 690000, 700000, 710000, 720000, 730000, 740000, 750000, 760000, 770000, 780000, 790000, 800000, 810000, 820000, 830000, 840000, 850000, 860000, 870000, 880000, 890000, 900000, 910000, 920000, 930000, 940000, 950000, 960000, 970000, 980000, 990000, 1000000	15 FT	Beam, No rotate	150-270°	400-2000

CONTROLS

CONTROLS CONTINUE

WARRANTY

KEY DATA

Model	Beam	Mounting	Wattage
VIPER 24	Beam, No rotate	150-270°	400-2000

BEACON
VIPER S
SMALL VIPER LUMINAIRE

DATE: LOCATION:
TYPE: PROJECT:
CATALOG #:

CONTROLS

CONTROLS CONTINUE

WARRANTY

KEY DATA

Model	Beam	Mounting	Wattage
VIPER 24	Beam, No rotate	150-270°	400-2000

BEACON
VIPER S
SMALL VIPER LUMINAIRE

DATE: LOCATION:
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CATALOG #:

DELIVERED LUMENS

# of LEDs	DRIVE CURRENT (mA)	SYSTEM WATTS	DISTRIBUTION TYPE	3000K (lm)	3500K (lm)	4000K (lm)	5000K (lm)	7000K (lm)	9000K (lm)	12000K (lm)	15000K (lm)	20000K (lm)	25000K (lm)	30000K (lm)	35000K (lm)	40000K (lm)	45000K (lm)	50000K (lm)	60000K (lm)	70000K (lm)	80000K (lm)	90000K (lm)	100000K (lm)	110000K (lm)	120000K (lm)	130000K (lm)	140000K (lm)	150000K (lm)	160000K (lm)	170000K (lm)	180000K (lm)	190000K (lm)	200000K (lm)
24	500mA	10W	Beam	3000	3500	4000	5000	7000	9000	12000	15000	20000	25000	30000	35000	40000	45000	50000	60000	70000	80000	90000	100000	110000	120000	130000	140000	150000	160000	170000	180000	190000	200000

INSTALLATION

ELECTRICAL

WARRANTY

KEY DATA

Model	Beam	Mounting	Wattage
VIPER 24	Beam, No rotate	150-270°	400-2000

BEACON
VIPER S
SMALL VIPER LUMINAIRE

DATE: LOCATION:
TYPE: PROJECT:
CATALOG #:

DIMENSIONS

ADJUSTABLE KNUCKLE (K) (BATTERY PKZ)

WALL BRACKET (WB)

ADJ DESTRUCTIVE ARM

WARRANTY

KEY DATA

Model	Beam	Mounting	Wattage
VIPER 24	Beam, No rotate	150-270°	400-2000

BEACON
VIPER S
SMALL VIPER LUMINAIRE

DATE: LOCATION:
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CATALOG #:

PHOTOMETRY

WARRANTY

KEY DATA

Model	Beam	Mounting	Wattage
VIPER 24	Beam, No rotate	150-270°	400-2000

BEACON
VIPER S
SMALL VIPER LUMINAIRE

DATE: LOCATION:
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ELECTRICAL DATA

# OF LEDs	NUMBER OF DRIVERS	DRIVE CURRENT (mA)	INPUT VOLTAGE (V)	SYSTEM WATTS (W)	CURRENT (Amps)
24	1	500	100	10	0.1
24	1	700	100	14	0.14
36	1	525	100	13.5	0.135
48	1	700	100	14	0.14
60	1	700	100	14	0.14

PROJECTED LUMEN PERFORMANCE

Beam Type	Beam Angle	System Watts	THM @ 60000°	THM @ 90000°	THM @ 120000°
Beam	150-270°	10	0.01	0.01	0.01

LIFESHIELD CIRCUIT

ADDITIONAL INFORMATION

ROBUSTION OPTIONS

USE OF TRADEMARKS AND TRADE NAMES

BEACON
VIPER S
SMALL VIPER LUMINAIRE

DATE: LOCATION:
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CATALOG #:

ADDITIONAL INFORMATION (CONTINUED)

DRILL PATTERN

RECTANGULAR ARM (R)

ADJUSTABLE KNUCKLE (K)

WARRANTY

KEY DATA

Model	Beam	Mounting	Wattage
VIPER 24	Beam, No rotate	150-270°	400-2000

BEACON
VIPER S
SMALL VIPER LUMINAIRE

DATE: LOCATION:
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ADDITIONAL INFORMATION (CONTINUED)

AD ARM MOUNTING INSTRUCTIONS

DESTRUCTIVE ARM (AD)

WARRANTY

KEY DATA

Model	Beam	Mounting	Wattage
VIPER 24	Beam, No rotate	150-270°	400-2000

SB - SITE AREA LIGHT - 10 FT MOUNTING HEIGHT

BEACON
SLIDE Series
ARCHITECTURAL AREA LUMINAIRE

DATE: LOCATION:
TYPE: PROJECT:
CATALOG #:

FEATURES

- Versatile, recessed design for use in a variety of applications
- Wide choice of different LED wattage configurations
- New output combinations
- Designed to replace 150W up to 400W MH/HPS
- Suitable for retrofit

CONTROL TECHNOLOGY
NX INTELLIGENCE wisCAPE energent

RELATED PRODUCTS

ORDERING GUIDE

Model	LED Engine	Output	Beam	Mounting	Wattage	
SLIDE 24	24W LED only	3000, 3500, 4000, 5000, 7000, 9000, 12000, 15000, 20000, 25000, 30000, 35000, 40000, 45000, 50000, 60000, 70000, 80000, 90000, 100000, 110000, 120000, 130000, 140000, 150000, 160000, 170000, 180000, 190000, 200000, 210000, 220000, 230000, 240000, 250000, 260000, 270000, 280000, 290000, 300000, 310000, 320000, 330000, 340000, 350000, 360000, 370000, 380000, 390000, 400000, 410000, 420000, 430000, 440000, 450000, 460000, 470000, 480000, 490000, 500000, 510000, 520000, 530000, 540000, 550000, 560000, 570000, 580000, 590000, 600000, 610000, 620000, 630000, 640000, 650000, 660000, 670000, 680000, 690000, 700000, 710000, 720000, 730000, 740000, 750000, 760000, 770000, 780000, 790000, 800000, 810000, 820000, 830000, 840000, 850000, 860000, 870000, 880000, 890000, 900000, 910000, 920000, 930000, 940000, 950000, 960000, 970000, 980000, 990000, 1000000	10 FT	Beam, No rotate	150-270°	400-2000

CONTROLS

CONTROLS CONTINUE

WARRANTY

KEY DATA

Model	Beam	Mounting	Wattage
SLIDE 24	Beam, No rotate	150-270°	400-2000

BEACON
SLIDE Series
ARCHITECTURAL AREA LUMINAIRE

DATE: LOCATION:
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PHOTOMETRY

WARRANTY

KEY DATA

Model	Beam	Mounting	Wattage
SLIDE 24	Beam, No rotate	150-270°	400-2000

BEACON
SLIDE Series
ARCHITECTURAL AREA LUMINAIRE

DATE: LOCATION:
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PERFORMANCE DATA

# OF LEDs	Normal Wattage	System Watts	THM @ 60000°	THM @ 90000°	THM @ 120000°
24	10W	10	0.01	0.01	0.01

ADDITIONAL INFORMATION

ROBUSTION OPTIONS

USE OF TRADEMARKS AND TRADE NAMES

PRELIMINARY
NOT FOR
CONSTRUCTION

no.	date	description

TANGERINE

421 N HALL
MESA, AZ 85208

PROJECT NO: 22039
DATE: 04/15/2024



atmosphere architects
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mesa, az 85211
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tel: 917-526-0323

LIGHTING CUT
SHEET
A011