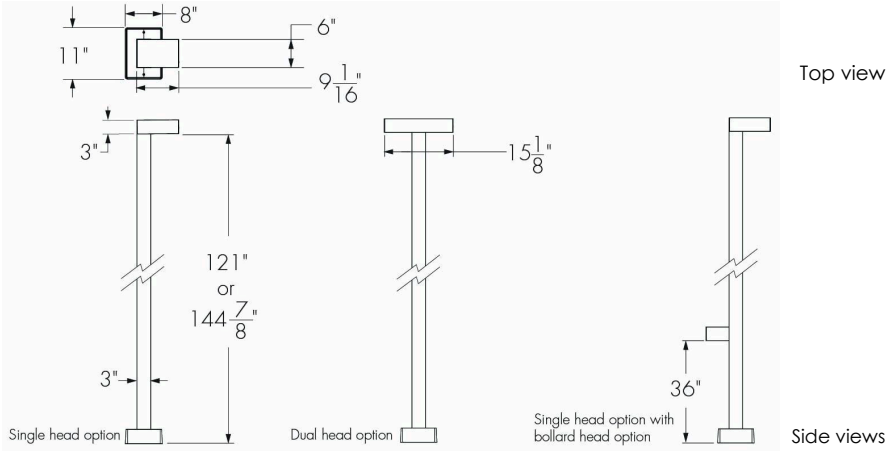


Project Name _____

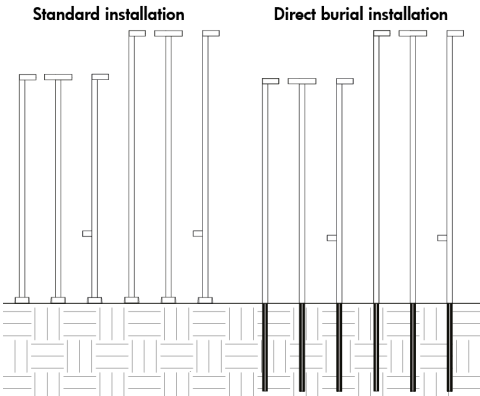
Qty _____

Type _____

Catalog / Part Number _____



Configurations



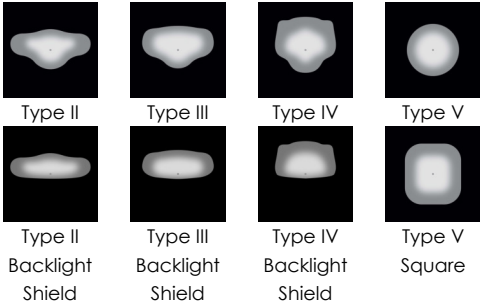
Description

The Lumenpulse Lumenblade Column is an outdoor LED luminaire that uses a rectilinear version of the Lumencentro light engine to create a continuous line of light. Options include: heights of either 10 feet or 12 feet, with a Single or Dual head. Its seen-but-not-seen, minimalist design is sustainable, blends with both contemporary and heritage architectures, provides a high level of security, and is sensitive to the natural environment with DarkSky approval, low outputs, and with a BUG rating of 0.

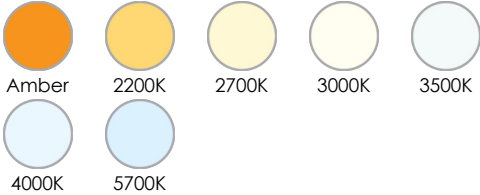
Features

Mounting	Single head, Dual head
Height	10 ft, 12 ft
Distributions	Type II, Type III or Type IV (with or without backlight shield), Type V, Type V square
Optical Option (factory installed)	Louver
Color and Color Temperature	True Amber 585nm-595nm (Turtle-Friendly), 2200K, 2700K, 3000K, 3500K, 4000K, 5700K
Vibration Rating	Meets ANSI C136.31-2018 vibration rating for Bridge & Overpass applications
Options	Vibration Rated for Bridge and Overpass, Corrosion-Resistant Coating for Hostile Environments, Surge Protector, Photoelectric Cell Button Type, Ground Fault Duplex Receptacle, Duplex Receptacle with USB A and USB C, 3-Pin Receptacle With or Without Shorting Cap, 5-Pin Receptacle With or Without Shorting Cap, 7-Pin Receptacle With or Without Shorting Cap, Motion detector, Direct Burial
Warranty	5-year limited warranty

Distributions



Color and Color Temperature



Control

ON/OFF 0-10V LT

Ratings

IP66 (optical chamber) IK06 (lens)
IK10* (housing)
*IK10 polycarbonate lens option available, consult factory.

Motion Detector Options



Lumencycle™ Program



Certifications



Performance

Output (Nominal Lumens)	Minimum 300lm (single head)/ 200lm for bollard head option, Maximum 5000lm (dual head)
Efficacy	Up to 106 lm/W (XS10 lumen output, 4000K, CRI 70+, Type III)
Color Rendering	3 SDCM for CRI 70+, 2 SDCM for CRI 80+ and CRI 90+
Lumen Maintenance	TM-21 L70 > 145,000 hrs (reported, Ta 25 - 50 °C [77 - 122 °F])
DarkSky	DarkSky Approved (2200K, 2700K, 3000K and Amber color temperatures, BUG rating of U0)

Physical

Head Option	Bollard Head, Column Head
Head Option Height	3 ft
Housing Material	Extruded aluminium 6000 alloy series
Lens Material	Optical tempered clear glass (Clearsite lens), Optical tempered frosted glass (Frostsight lens), Optical tempered half-frosted glass (Half-Frostsight lens)
Surface Finish	Super durable resistant exterior polyester powder coating meets AAMA 2604-98 requirements (5-years Florida exposure). A corrosion resistant finish (CRC) pre-finish is available to meet ASTM B-117 & ASTM D-1654 (salt spray resistance) and ASTM D-2247 requirements (humidity resistance).
Weight	22.5 lbs for single head option (10 ft fixture)

Electrical and Control

Voltage	120 Volts, 208 Volts, 240 Volts, 277 Volts, 347 Volts, 480 Volts
Control	On/Off Control, 0-10V Dimming, Lumentalk

Environmental

Storage Temperature	-40°C to 50°C [-40°F to 122°F] (device must reach start-up temperature value before operating)
Operating Temperature	-40°C to 50°C [-40°F to 122°F]
Start-up Temperature	-25°C [-13 °F] to 50°C [122 °F]
Ingress Protection Rating	IP66 (optical chamber) Wet location rated
Impact Resistance Rating	IK06 (glass lens) IK10 (housing) *IK10 polycarbonate lens option available, consult factory
Environment	Dry/damp/wet location

Important

Virtual Patent Marking Notice

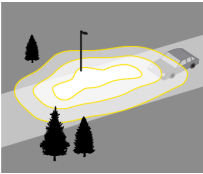
This website (<https://www.lmpg.com/patents-trademarks>) is provided to satisfy the virtual patent marking provisions of applicable jurisdictions. Some products listed may be covered by additional patents not referenced here.

Lumencycle™ Program

Lumencycle is a comprehensive program designed to maximize the life of Lumenpulse fixtures while preserving their performance, quality, and design intent. Built around three pillars—Repair, Restore, and Recycle—the program provides clear pathways to maintain existing installations, restore fixtures, and responsibly manage them at end of life. For full program details, visit <https://www.lumenpulse.com/lumencycle>.

Photometric Information

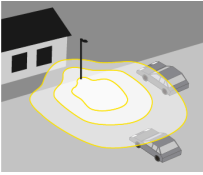
Type II, 4000K, CRI 70+, Clearsite Lens

	Nominal output [lm]	Typical delivered output [lm]	Efficiency (lm/W)	BUG Rating			Typical maximum power 120/277V (W)
				B	U	G	
	XS10	1,014	101	0	0	0	10
	XS15	1,452	85	0	0	0	17
	XS20	1,821	73	1	0	1	25
	XS25	2,305	77	1	0	1	30

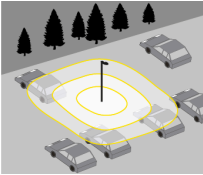
Type III, 4000K, CRI 70+, Clearsite Lens

	Nominal output [lm]	Typical delivered output [lm]	Efficiency (lm/W)	BUG Rating			Typical maximum power 120/277V (W)
				B	U	G	
	XS10	1,060	106	0	0	0	10
	XS15	1,517	89	0	0	0	17
	XS20	1,902	76	1	0	1	25
	XS25	2,408	80	1	0	1	30

Type IV, 4000K, CRI 70+, Clearsite Lens

	Nominal output [lm]	Typical delivered output [lm]	Efficiency (lm/W)	BUG Rating			Typical maximum power 120/277V (W)
				B	U	G	
	XS10	883	88	0	0	0	10
	XS15	1,265	74	0	0	1	17
	XS20	1,586	63	0	0	1	25
	XS25	2,007	67	1	0	1	30

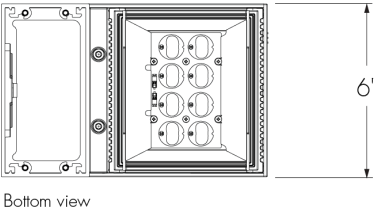
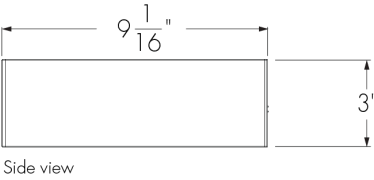
Type V Square, 4000K, CRI 70+, Clearsite Lens

	Nominal output [lm]	Typical delivered output [lm]	Efficiency (lm/W)	BUG Rating			Typical maximum power 120/277V (W)
				B	U	G	
	XS10	977	98	1	0	1	10
	XS15	1,399	82	1	0	1	17
	XS20	1,754	70	1	0	1	25
	XS25	2,220	74	1	0	1	30

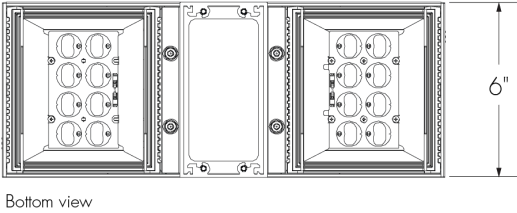
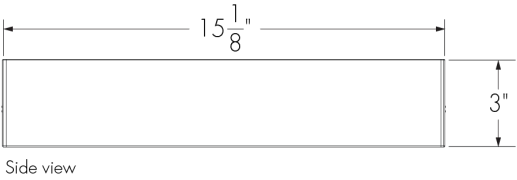
*Photometric performance is measured in compliance with IESNA LM-79-19. Due to rapid and continous advances in LED technology, photometric information is subject to change without notice.

Luminaire Head Dimensions

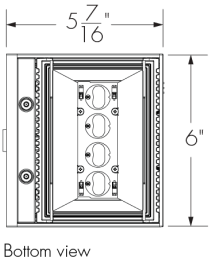
TM1 - Single Head



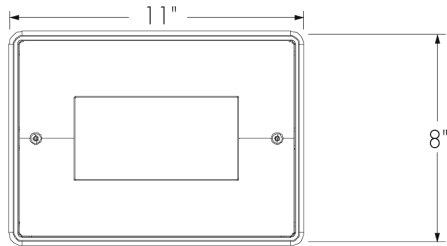
TM2 - Dual Head



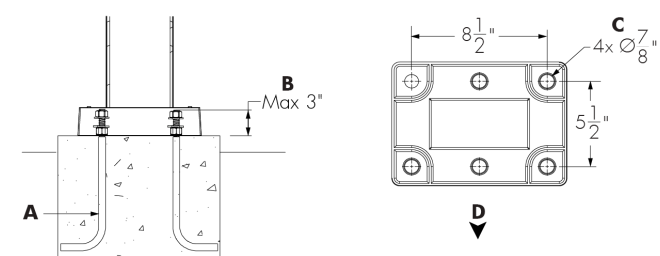
BH - Bollard Head



Base Dimensions



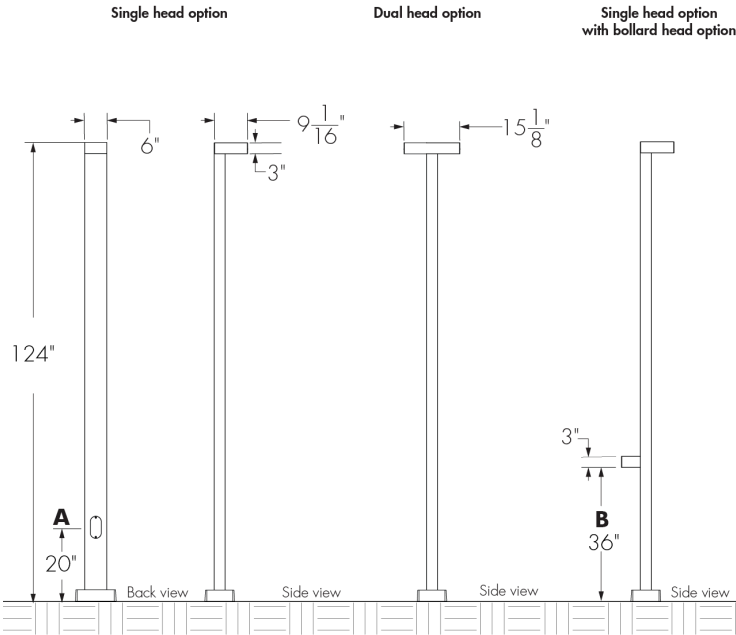
Standard Installation Assembly Details



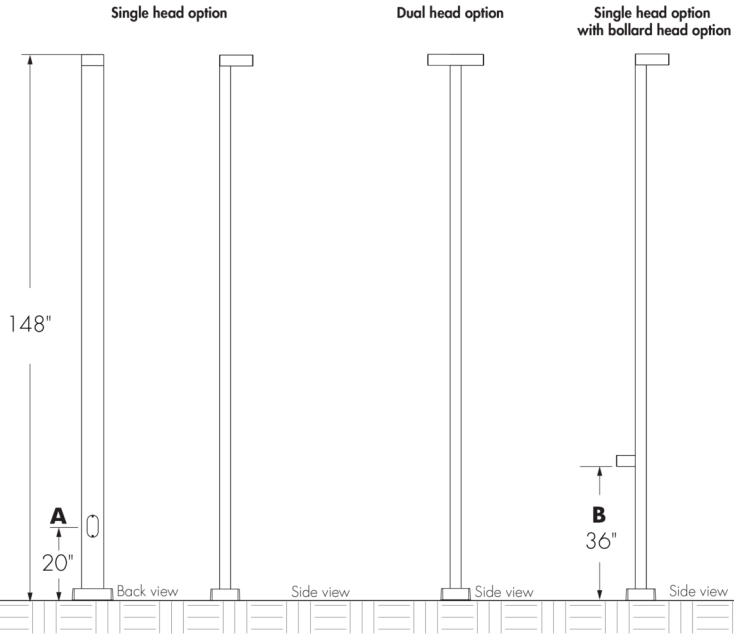
- A - (4x) Ø3/4 in by 26 in long anchor bolts with flats washers and nuts for each
- B - Between 2.5 in and 3 in of the anchor bolts must be above ground for installation
- C - Bolt circle
- D - Access door and street side

Standard Installation Dimensions

10 ft Column

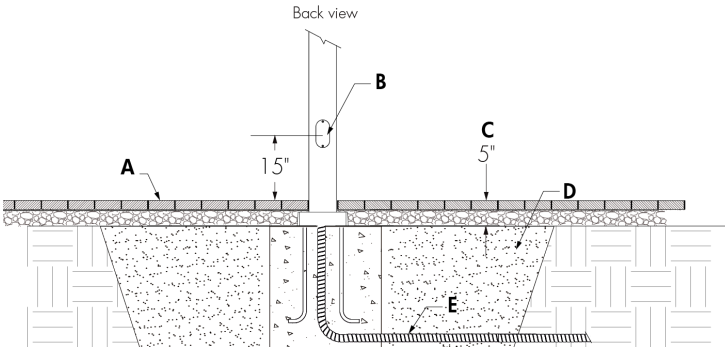


12 ft Column



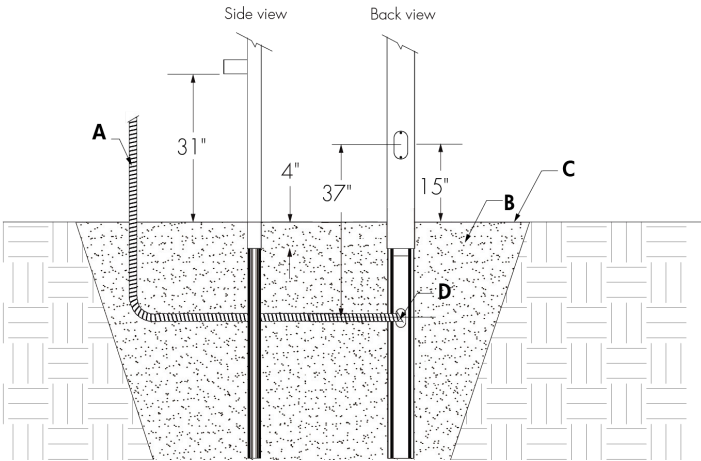
- A - Access door (distance from ground to center of access door)
- B - Bollard head option (distance from ground to bollard head)

Semi-Buried Installation Assembly Details



- A - Finished grade
- B - Access door
- C - Buried section, at least 5 in
- D - Filling
- E - Conduit (by others)

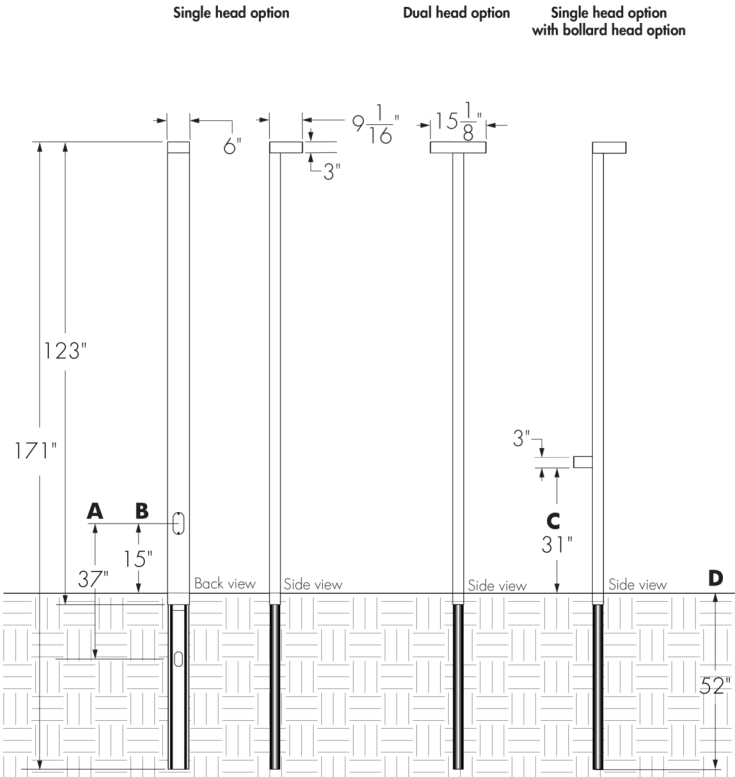
Direct Burial Installation Assembly Details



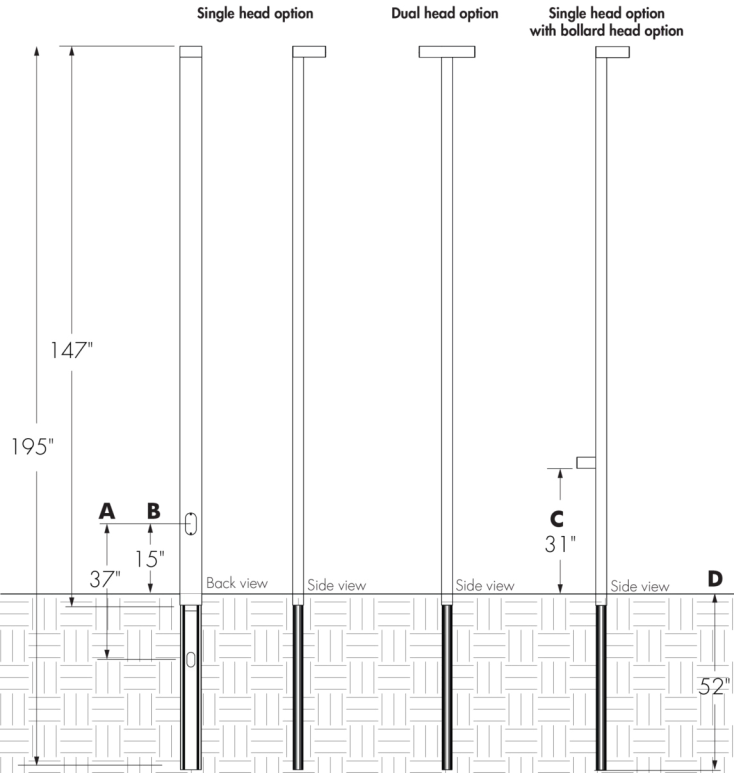
- A - Conduit (by others)
- B - Filling
- C - Finished grade
- D - Opening for conduit

Direct Burial Installation Dimensions

10 ft Direct Burial Column



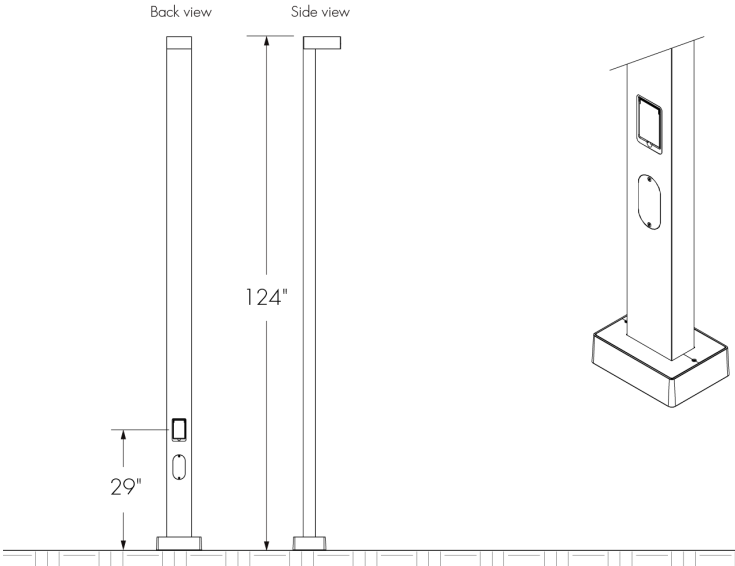
12 ft Direct Burial Column



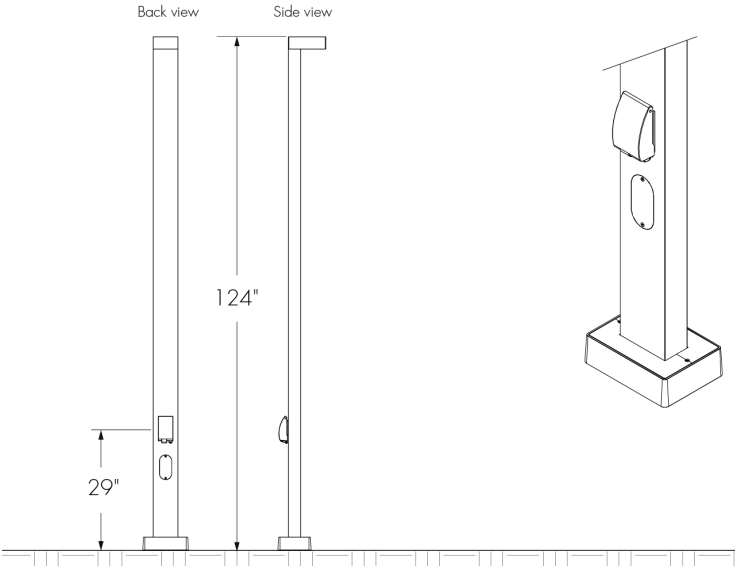
- A - Distance from center of access door to opening for conduit
- B - Access door (distance from ground to center of access door)
- C - Bollard head option (distance from ground to bollard head)
- D - Buried section

Duplex Receptacle Installation Dimensions

DRG - Ground Fault Duplex Receptacle
USB - Duplex Receptacle with USB A and USB C



DRG IU - Ground Fault Duplex Receptacle (While in Use)
USB IU - Duplex Receptacle with USB A and USB C (While In Use)

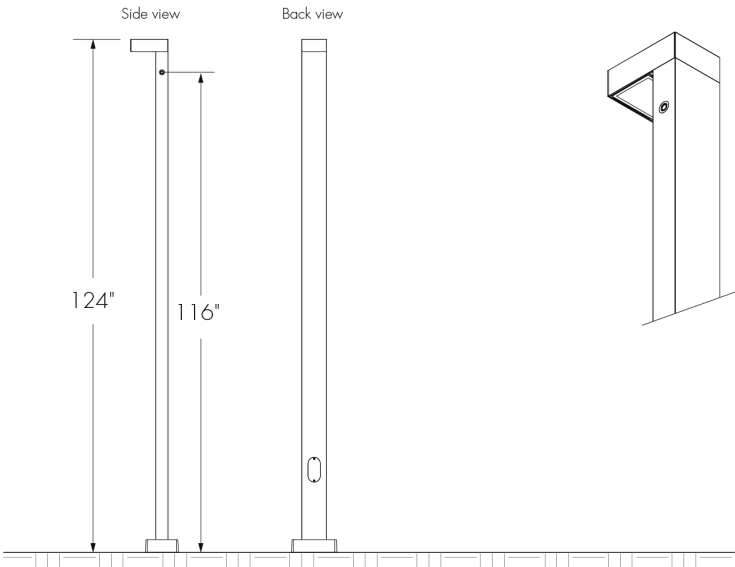


DRG and USB options are not suitable under the Canadian Electrical Code (CEC) for product installations in Canada. Only the DRG IU or USB IU are suitable for products installed in Canada.

The duplex receptacle must be installed in accordance with applicable national and local electrical and construction codes by a person familiar with the construction and operation of the product and the hazards involved. Refer to national and local electrical codes before selecting a duplex receptacle to ensure all requirements are met.

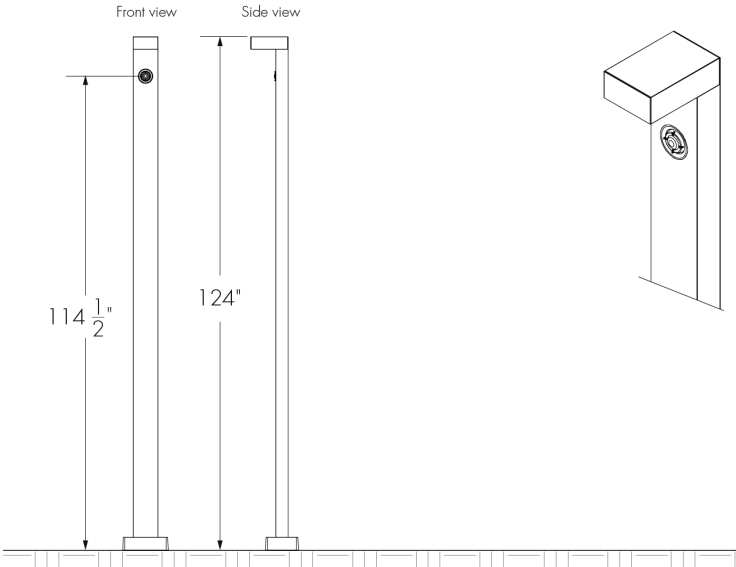
Button Type Photoelectric Cell Installation Dimensions

PB - Button Type Photoelectric Cell



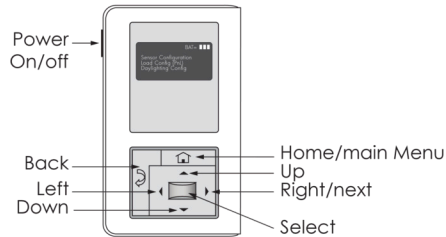
Motion Detector Installation Dimensions

Motion Detector (MD10N, MD30N, MD50N, MDNL And MDPN)



Remote (Order Separately)

MDRC001 - Remote to Program Motion Detector on Site



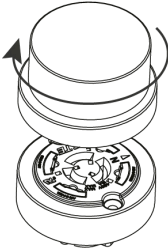
- Compatible with all motion detector options.

3-Pin, 5-Pin And 7-Pin Receptacles Options

SPR3, SPR5 And SPR7 - 3-Pin, 5-Pin And 7-Pin Receptacles



SPR3 SC, SPR5 SC And SPR7 SC - 3-Pin, 5-Pin And 7-Pin Receptacles With Shorting Cap



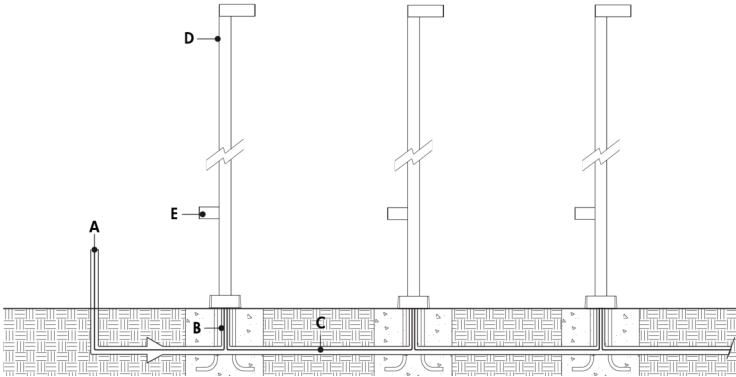
- Dimming receptacle meets ANSI C136.41 Standard.

Typical Wiring Diagrams

Wiring Color Code

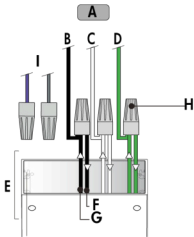
Color	Black	White	Green	Purple	Gray
Use	Line	Line/Neutral	Ground	0-10V+	0-10V-

On/Off Control (NO)



- A - Power input (120-480V)
- B - Conduit (by others)
- C - Power wiring (by others)
- D - Lumenblade Column
- E - Bollard head option

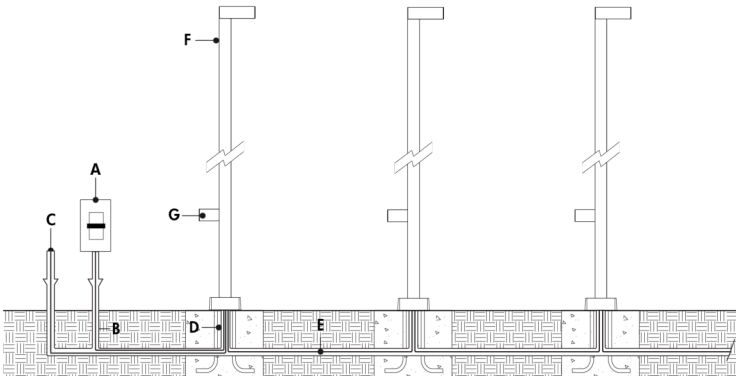
On/Off Control (NO) - Wiring Detail



- A - To fixture
- B - Line
- C - Line/Neutral
- D - Ground
- E - Conduit (by others)
- F - To next fixture
- G - Power input or from previous fixture
- H - Wire-nuts (by others)
- I - Not required

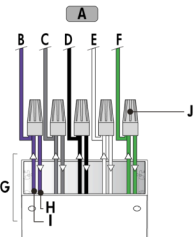
- Consult factory for specific applications and maximum fixture count/cable length recommendations.

0-10V Dimming (DIM)



- A - Dimmer (by others)
- B - Data wiring (by others)
- C - Power input (120-480V, wiring by others)
- D - Conduit (by others)
- E - Power and data wiring (by others)
- F - Lumenblade Column
- G - Bollard head option

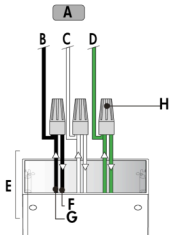
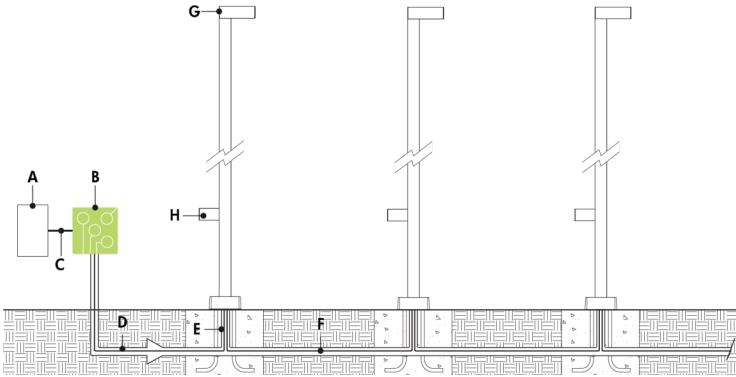
0-10V Dimming (DIM) - Wiring Detail



- A - To fixture
- B - 0-10V +
- C - 0-10V -
- D - Line
- E - Neutral
- F - Ground
- G - Conduit (by others)
- H - To next fixture
- I - Power input or from previous fixture
- J - Wire-nuts (by others)

- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- 0-10V mA ratings: passive dimmer (Current Sink): 3mA per fixture, active dimmer (Current Source): 0.5mA per fixture.
- 1% minimum dimming value.

Lumentalk (LT)



- A - Third party dimmer/controller
- B - Lumentranslator (LTL-010)
- C - Data wiring (by others)
- D - Power line (120-277V, wiring by others)
- E - Conduit (by others)
- F - Power wiring (by others)
- G - Lumenblade Column
- H - Bollard head option

- A - To fixture
- B - Line
- C - Line/Neutral
- D - Ground
- E - Conduit (by others)
- F - To next fixture
- G - Power input or from previous fixture
- H - Wire-nuts (by others)

- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Lumentalk enabled fixtures must be commissioned using LumentalkID software and a LID-LT. Consult factory for details.
- Maximum of 1 transmitter (Lumentranslator or Lumenlink) per system.
- No third party fixtures allowed on the same circuit.
- DRG or USB option must be on a separated circuit.

Motion Detector Options

Programming

	MD10N - Narrow lens, 10% dimming level	MD30N - Narrow lens, 30% dimming level	MD50N - Narrow lens, 50% dimming level	MDPN - Narrow lens, programmable	How to provide code:	
	100% (10V)	10% (1V)	100% (10V)	30% (3V)	100% (10V)	50% (5V)
High mode ¹	10V	10V	10V	• 5V - 10V (Increment: 0.2V)	10V	
Low mode ²	1V	3V	5V	• Off	2.6V	
Time delay ³	5 min	5 min	5 min	• 0V - 9.8V (Increment: 0.2V)		
Cut off ⁴	1 hr	1 hr	1 hr	• 1 min - 30min (Increment: 30 seconds)	10 min	
Set point ⁵	Dis	Dis	Dis	• Disable		
				• 1 min - 59min (Increment: 30 seconds)	3 hr	
				• 1 hr - 5hr (Increment: 1 hour)		
				• Disable		
				• Auto	Auto	
				• 1fc - 250fc (Increment: 1fc)		
Sensitivity ⁶	Max	Max	Max	• On-Fix		
				• Off-Fix	Med	
				• Low		
				• Med		
				• Max		
Ramp up ⁷ time	3 sec	3 sec	3 sec	• Disable		
Fade down ⁸ time	3 sec	3 sec	3 sec	• 1 sec - 60sec (Increment: 1 second)	10 sec	
Photocell ⁹ On/Off	Dis	Dis	Dis	• Disable	10 sec	
				• 1 sec - 60sec (Increment: 1 second)		
				• Disable	Dis	
				• 1fc - 250fc (Increment: 1fc)		

¹ When the sensor detects motion, the dimming control output ramps up to the selected HIGH light level.

² After the sensor stops detecting motion and the time delay expires, the dimming control output fades down to the selected LOW light level.

³ The selected time period that must elapse after the last time the sensor detects motion for the electric lights to fade to LOW mode.

⁴ The time period that must elapse after the lights fade to LOW mode, and the sensor detects no motion for the electric lights to turn OFF.

⁵ When enabled, the selectable ambient light level threshold that will hold the electric lights off or at LOW level when the sensor detects motion.

⁶ The response of the PIR detector to motion within the sensor's coverage area.

⁷ Time period for light level to increase from LOW to HIGH.

⁸ Time period for light level to decrease from HIGH to LOW.

⁹ When enabled, the sensor will force the load OFF after the light level has exceeded the selected photocell setpoint PRIOR SAVE SEND for at least a minute. It will also force the load ON when the light level goes below the setpoint, even if no motion is detected.

¹⁰ The motion detector programming can be modified on site. A remote is required, order separately. See Remote section in the specification sheet for details.

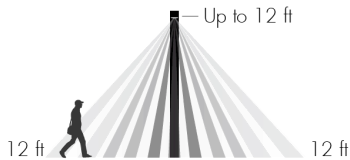
Dimming: When motion is detected within the sensor's coverage area, the sensor sends a signal to ramp the load up to the selectable High Mode level unless the ambient light level is higher than the selected setpoint. When no motion is detected for the duration of the time delay setting, the lights will go to the selectable Low Mode level based on the signal from the sensor. If desired, a cut off time delay will trigger to eventually turn the lights OFF.

Non dimming: When motion is detected within the sensor's coverage area, the sensor sends a signal to turn the load ON unless the ambient light level is higher than the selected setpoint. When no motion is detected for the duration of the time delay setting, the lights will go OFF based on the signal from the sensor.

Dusk to dawn control: When photocell on/off is enabled, and the ambient light falls below the photocell setpoint, the sensor ramps the load up to the selectable High Mode level. If no motion is detected for the duration of the time delay setting, the lights will go to the selectable Low Mode level. If the cut off time delay is disabled, the load will remain on, at High or Low level, based on motion detection, until the ambient light increases above the photocell setpoint.

Coverage Area

Narrow Lens (MD10N, MD30N, MD50N and MDPN)*



* Maximum 12 ft height, 24 ft diameter coverage area.

High temperatures at the covered area (above 88 °F - 91 °F) reduce the detection zone of the sensor. Consider adding more sensors if the ambient temperatures are expected to be high. Additionally, high floor level temperature may require larger movement for detection. Coverages shown in the diagrams are maximum, measured in linear feet. They represent coverage for walking motion, with no obstacles.

How to Order

Housing	Mounting	Voltage	Height	Lens ⁽⁵⁾	Output (Nominal Lumens) ⁽⁸⁾	Color and Color Temperature	Color Rendering	Distributions	Optical Option	Finish	Control
BLDC Lumenblade Column	TM1 Single head ⁽¹⁾	120 120 Volts	10FT 10 ft	CSL Clearsite Lens ⁽⁶⁾	XS03 300lm (8 LEDs) ⁽⁶⁾ ⁽⁹⁾	AMB Amber ⁽⁴⁾ ⁽¹⁰⁾	CRI 70 CRI 70+ ⁽¹⁵⁾	2 Type II	LV Louver ⁽⁴⁾ ⁽¹⁸⁾ ⁽¹⁹⁾	BK Black Sandtex®	DIM 0-10V Dimming ⁽²³⁾
		208 208 Volts	12FT 12 ft	FSL Frostsie Lens ⁽⁷⁾	XS10 1000lm (8 LEDs)	22K 2200K ⁽¹¹⁾	CRI 80 CRI 80+ ⁽¹⁴⁾	2BLS Type II Backlight Shield		BRZ Bronze Sandtex®	LT Lumentalk ⁽²⁴⁾
		240 240 Volts			XS15 1500lm (8 LEDs)	27K 2700K ⁽¹²⁾	CRI 90 CRI 90+ ⁽¹⁷⁾	3 Type III		SI Silver Sandtex®	
		277 277 Volts			XS20 2000lm (8 LEDs)	30K 3000K		3BLS Type III Backlight Shield		BKTX Textured Black	
		347 347 Volts ⁽⁴⁾			XS25 2500lm (8 LEDs)	35K 3500K ⁽¹³⁾		4 Type IV		BRZTX Textured Bronze Non- Metallic	
	TM2 Dual head ⁽²⁾ ⁽³⁾	480 480 Volts ⁽⁴⁾				40K 4000K ⁽¹³⁾		4BLS Type IV Backlight Shield		GRATX Textured Medium Gray	
						57K 5700K ⁽¹³⁾ ⁽¹⁴⁾		5 Type V		GRNTX Textured Green	
								5S Type V Square		WHTX Textured White	
										CC Custom Color & Finish ⁽²⁰⁾ ⁽²¹⁾ ⁽²²⁾	

Notes:

1. Not available with CH head option.

2. Not available with BH head option.

3. Not available with HFSL lens.

4. Not available with LT control option.

5. Standard IK06 rating for glass lens. IK10 rated polycarbonate lens available, please consult factory.

6. Not available with type 5 distribution.

7. Available with type 3 and 5 distributions only.

8. Lumen output will vary according to the lens and distribution specified for the fixture. Please consult the photometric information section of the specification sheet for more details.

9. Available with AMB color temperature only.

10. Available with column head XS03 output only.

11. Available for CRI 80 only.

12. Available for CRI 80 and CRI 90 only.

13. Not DarkSky Approved.

14. Available for CRI 70 and CRI 80 only.
15. Binning within a 3-step MacAdam ellipse, with the exception of 5700K.

16. Binning within a 2-step MacAdam ellipse, with the exception of 2200K and 5700K.

17. Binning within a 2-step MacAdam ellipse.

18. Available with CSL lens only.

19. Factory installed.

20. Specify RAL number followed by "TX" for textured finish (ex: RAL9007TX) or STX for Sandtex finish (ex: RAL9007STX). Textured or Sandtex finishes are recommended for the durability of all products. If a finish is not specified with the RAL number (ex: RAL9007), a glossy finish will be provided. Please consult factory for other RAL textures and glosses, or to match alternate color charts. Final color matching results may vary.

21. Setup charges apply for RAL colors. Consult factory for details.

22. Longer lead times can be expected for custom RAL color finishes.

23. DIM control can be used as NO (On/Off control) if no data is required.

24. Not available with PB photoelectric cell, SPR3, SPR3 SC, SPR5, SPR5 SC, SPR7 and SPR7 SC 3-Pin, 5-Pin, and 7-Pin receptacles and MD10N, MD30N, MD50N, MDPN and MDNL motion detector options.

How to Order

Option	Anchor Bolts Option	Head Option	Head Option Height ⁽¹⁾	Head Lens ⁽⁵⁾	Head Output	Head Color and Color Temperature	Head Color Rendering	Head Distributions	Head Optical Option
VRBO Vibration Rated for Bridge and Overpass ⁽²⁵⁾ ⁽²⁶⁾ CRC Corrosion-Resistant Coating ⁽²⁷⁾ ⁽²⁸⁾ SP Surge Protector PB Photoelectric Cell Button Type ⁽⁴⁾ ⁽²⁹⁾ ⁽³⁰⁾ DRG Ground Fault Duplex Receptacle ⁽³¹⁾ ⁽³²⁾ DRG IU Ground Fault Duplex Receptacle (While in Use) ⁽³¹⁾ USB Duplex Receptacle with USB A and USB C ⁽³¹⁾ ⁽³²⁾ USB IU Duplex Receptacle with USB A and USB C (While in Use) ⁽³¹⁾ SPR3 3-Pin Receptacle ⁽⁴⁾ ⁽³³⁾ ⁽³⁴⁾ SPR3 SC 3-Pin Receptacle with Shorting Cap ⁽⁴⁾ ⁽³³⁾ ⁽³⁴⁾ SPR5 5-Pin Receptacle ⁽⁴⁾ ⁽³³⁾ ⁽³⁴⁾ SPR5 SC 5-Pin Receptacle with Shorting Cap ⁽⁴⁾ ⁽³³⁾ ⁽³⁴⁾ SPR7 7-Pin Receptacle ⁽⁴⁾ ⁽³³⁾ ⁽³⁴⁾ SPR7 SC 7-Pin Receptacle with Shorting Cap ⁽⁴⁾ ⁽³³⁾ ⁽³⁴⁾ MD10N Motion Detector 10% Factory-set Dimming Level (Narrow Lens) ⁽⁴⁾ ⁽³⁵⁾ ⁽³⁶⁾ ⁽³⁷⁾ MD30N Motion Detector 30% Factory-set Dimming Level (Narrow Lens) ⁽⁴⁾ ⁽³⁵⁾ ⁽³⁶⁾ ⁽³⁷⁾ MD50N Motion Detector 50% Factory-set Dimming Level (Narrow Lens) ⁽⁴⁾ ⁽³⁵⁾ ⁽³⁶⁾ ⁽³⁷⁾ MDNL Motion Detector, 30% Factory-Set Dimming Level (rMSOD Narrow Lens) with Dual Band External Antenna ⁽⁴⁾ ⁽³⁶⁾ ⁽³⁸⁾ ⁽³⁹⁾ ⁽⁴⁰⁾ MDPN Motion Detector Programmable, Factory-set Dimming Level (Narrow Lens) ⁽⁴⁾ ⁽³⁵⁾ ⁽³⁶⁾ ⁽³⁷⁾ ⁽⁴¹⁾ DB Direct Burial	AB Anchor Bolts ⁽⁴²⁾ CH Column Head ⁽³⁾ ⁽⁴⁴⁾	BH Bollard Head ⁽⁴³⁾ CH Column Head ⁽³⁾ ⁽⁴⁴⁾	3FT 3 ft	CSL Clearsite Lens ⁽⁴⁵⁾ FSL Frostsight Lens ⁽⁴⁶⁾ HFSL Half-Frosted Site Lens ⁽⁴⁷⁾ ⁽⁴⁸⁾	N02 200lm (4 LEDs) ⁽⁴⁾ ⁽⁴⁹⁾ N03 300lm (4 LEDs) N05 500lm (4 LEDs) N07 700lm (4 LEDs) N10 1000lm (4 LEDs) XS03 300lm (8 LEDs) ⁽⁴⁾ ⁽⁴⁹⁾ XS10 1000lm (8 LEDs) XS15 1500lm (8 LEDs) XS20 2000lm (8 LEDs) XS25 2500lm (8 LEDs)	AMB Amber ⁽⁴⁾ ⁽⁵⁰⁾ ⁽⁵¹⁾ 22K 2200K ⁽¹¹⁾ 27K 2700K ⁽¹²⁾ 30K 3000K 35K 3500K ⁽¹³⁾ 40K 4000K ⁽¹³⁾ 57K 5700K ⁽¹³⁾ ⁽¹⁴⁾	CRI 70 CRI 70+ ⁽¹⁵⁾ CRI 80 CRI 80+ ⁽¹⁶⁾ CRI 90 CRI 90+ ⁽¹⁷⁾	2 Type II 2BLS Type II Backlight Shield 3 Type III 3BLS Type III Backlight Shield 4 Type IV 4BLS Type IV Backlight Shield 5 Type V 5S Type V Square	LV Louver ⁽⁴⁾ ⁽¹⁹⁾ ⁽⁵²⁾

- Notes:
1. Not available with CH head option.

3. Not available with HFSL lens.

4. Not available with LT control option.

5. Standard IK06 rating for glass lens. IK10 rated polycarbonate lens available, please consult factory.

6. Not available with type S distribution.

11. Available for CRI 80 only.

12. Available for CRI 80 and CRI 90 only.

13. Not DarkSky Approved.

14. Available for CRI 70 and CRI 80 only.

15. Binning within a 3-step MacAdam ellipse, with the exception of 5700K.

16. Binning within a 2-step MacAdam ellipse, with the exception of 2200K and 5700K.

17. Binning within a 2-step MacAdam ellipse.

19. Factory installed.

25. Vibration tested in accordance with ANSI 136.31 2018 for bridge and overpass applications at 5Gv.

26. Specify only if a bridge or overpass application is required.

27. Use only when exposed to salt spray. This option is not required for normal outdoor exposure.

28. Setup charges apply. Consult factory for details.

29. Not available for 480V voltage option.

30. Not available with MD10N, MD30N, MD50N, MDPN and MDNL motion detector options.

31. A ground fault duplex receptacle (DRG or DRG IU) and a duplex USB receptacle (USB or USB IU) cannot be combined.

32. DRG and USB options are not suitable under the Canadian Electrical Code (CEC) for product installations in Canada. Only the DRG IU or USB IU are suitable for products installed in Canada.

33. Only one receptacle can be specified per fixture, cannot be combined with motion detector option.

34. Not available with PB option.

35. The motion detector programming can be modified on site. A remote is required, order separately. See Remote section in the specification sheet for details.

36. Only one motion detector can be specified per fixture, cannot be combined with a receptacle.

37. MD10N, MD30N, MD50N and MDPN are Wattstopper motion detectors.

38. MDNL is an N-Light motion detector.

39. Consult factory for details.

40. Not available for 347V and 480V voltage options.

41. The motion detector is programmed in the factory, as per the settings requested at the time of the order.

42. Anchor bolts provided with double nuts, washers and template. One template provided for every 5 luminaires.

43. Available for N02, N03, N05, N07 and N10 bollard head outputs only.

44. Available for XS03, XS10, XS15, XS20 and XS25 column head outputs only.

45. Not available with type S distribution when head option is specified for the Lumenblade column.

- 46.** Available with type 3 and type 5 distributions when a head option is specified for the Lumenblade column.

47. Available with type 2, type 3 and type 4 distributions when a bollard head is specified for the Lumenblade column.

48. Available for N03, N05, N07 and N10 bollard head outputs only.

49. Available with AMB head color temperature only.
- 50.** Available with N02 output when a bollard head is specified. Available with XS03 output when a second column head is specified for the Lumenblade column.

51. Not available for FSL and HFSL lens.

52. Not available for FSL lens.