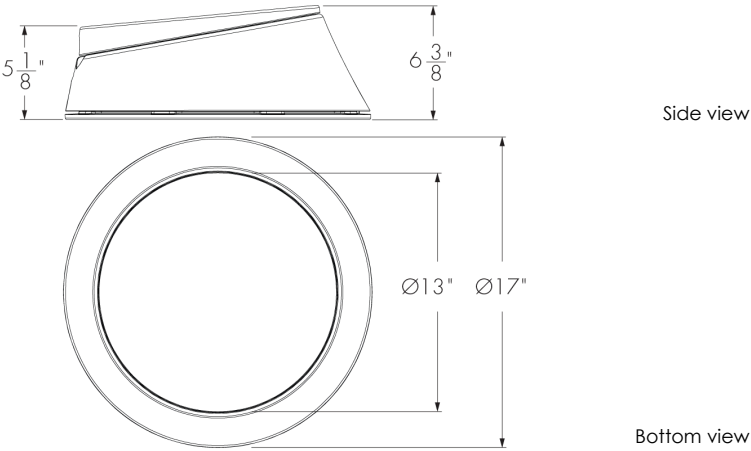


Project Name

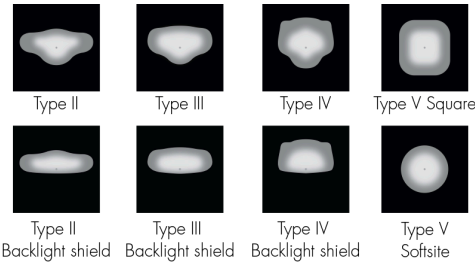
Qty

Type

Catalog / Part Number



Distributions



Colors and Color Temperatures



Control

ON/OFF 0-10V

Rating

IP66 (optical chamber)

Lumencycle™ Program



Certifications



Description

The Lumenicon Area Medium creates a consistent aesthetic while illuminating city streets, local roads, residential streets, parking lots and laneways. An innovative, toolless opening system makes the plug-and-play components easy to access. IP66 rated with phenomenal heat dissipation; the Lumenicon Area Medium is ready to take it to the streets (or parking lots, or building sides, or onramps, or...).

Features

Color and Color Temperature	2200K, 2700K, 3000K, 3500K, 4000K, 5700K
Distributions	Type II, Type III or Type IV (with or without backlight shield), Type 5 square and Type V Softsite
3G Vibration Rated	Meets 3G ANSI C136.31-2010 vibration standard for bridge applications
Options	Corrosion-Resistant Coating for Hostile Environments, Surge Protector, 5-Pin Receptacle With or Without Shorting Cap, 7-Pin Receptacle With or Without Shorting Cap
Mounting Options	Side Overlap (2 3/8 in Tenon)
Warranty	5-year limited warranty
Performance	
Output (Nominal Lumens)	Minimum 3000lm / Maximum 20000lm
Color Rendering	3 SDCM for CRI 70+ and 2 SDCM for CRI 80+
Lumen Maintenance	TM-21 L70 > 145,000 hrs (reported, Ta 25 - 50 °C [77 - 122 °F])
DarkSky	DarkSky compliant (2200K, 2700K and 3000K color temperatures, BUG rating of U0)

Physical

Housing Material	Die cast low copper 360 aluminum alloy
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Lens Material	Optical Tempered Clear Glass (Clearsite Lens), Optical tempered opal glass (Softsite lens)
Dual-Color Option	Black Sandtex Fixture/Silver Sandtex Cap and Ring, Silver Sandtex Fixture/Black Sandtex Cap and Ring
Closure system	Magnetic closure
Installation system	Bubble level , U-Clamps for 2 3/8 in tenon, Adjustment scale -4.5° to 4.5° (1.5° increments)
Weight	32 lbs
EPA	0.43 ft²

Electrical and Control

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

Environmental

Storage Temperature	-40 °F to 122 °F (device must reach start-up temperature value before operating)
Start-up Temperature	-40 °F to 104 °F (-13 °F to 104 °F for 120V combined with M80, L170, L30 Softsite, L50 Softsite or L70 Softsite output)
Operating Temperature	-40 °F to 104 °F (-13 °F to 104 °F for 120V combined with M80, L170, L30 Softsite, L50 Softsite or L70 Softsite output)
Ingress Protection Rating	IP66 (optical chamber)
Environment	Dry/damp/wet location

Decorative arms (Order Separately, Consult Related Specification Sheets for Details)

Compatible decorative arms	Side-Mount Decorative Arm: SO2-Side Overlap (2 3/8 in Tenon) Luminaire Mounting Option with PU2, PU4, PU5, PU8, CS12 and CS13 Arm Style.
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Important

Virtual Patent Marking Notice

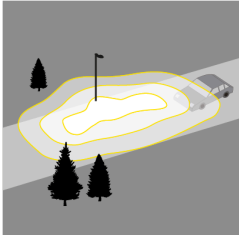
This website (<https://www.lmpg.com/patents-trademarks>) is provided to satisfy the virtual patent marking provisions of applicable jurisdictions. Some products listed may be covered by additional patents not referenced here.

Lumencycle™ Program

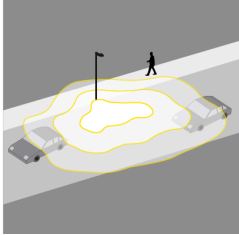
Lumencycle is a comprehensive program designed to maximize the life of Lumenpulse fixtures while preserving their performance, quality, and design intent. Built around three pillars—Repair, Restore, and Recycle—the program provides clear pathways to maintain existing installations, restore fixtures,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

Photometric Information

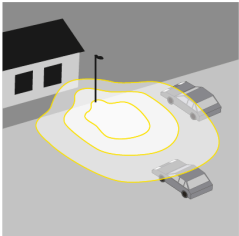
Type II, 4000K, CRI 70+

	Nominal output [lm]	Typical delivered output [lm]	Efficiency (lm/W)	BUG Rating			Typical maximum power 120/277V (W)
				B	U	G	
	S40	3868	125	1	0	1	31
	S60	5963	108	2	0	2	55
	M80	7896	123	2	0	2	64
	M110	10797	117	2	0	2	92
	M150	14342	109	3	0	3	132
	L170	16115*	110*	3*	0*	3*	146
	L200	19338	105	3	0	3	185

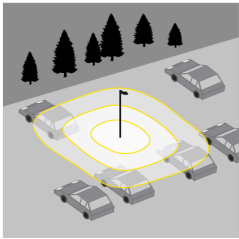
Type III, 4000K, CRI 70+

	Nominal output [lm]	Typical delivered output [lm]	Efficiency (lm/W)	BUG Rating			Typical maximum power 120/277V (W)
				B	U	G	
	S40	4046	131	1	0	1	31
	S60	6237	113	1	0	1	55
	M80	8260	129	2	0	2	64
	M110	11295	123	2	0	2	92
	M150	15004	114	3	0	3	132
	L170	16858*	115*	3*	0*	3*	146
	L200	20230	109	3	0	3	185

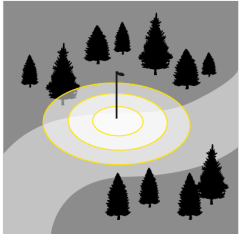
Type IV, 4000K, CRI 70+

	Nominal output [lm]	Typical delivered output [lm]	Efficiency (lm/W)	BUG Rating			Typical maximum power 120/277V (W)
				B	U	G	
	S40	3633	117	1	0	1	31
	S60	5601	102	2	0	2	55
	M80	7418	116	2	0	2	64
	M110	10142	110	3	0	3	92
	M150	13473	102	3	0	3	132
	L170	15138*	104*	3*	0*	3*	146
	L200	18166	98	3	0	3	185

Type V Square, 4000K, CRI 70+

	Nominal output [lm]	Typical delivered output [lm]	Efficiency (lm/W)	BUG Rating			Typical maximum power 120/277V (W)
				B	U	G	
	S40	3922	127	2	0	1	31
	S60	6047	110	3	0	1	55
	M80	8008	125	3	0	2	64
	M110	10949	119	3	0	2	92
	M150	14544	110	4	0	2	132
	L170	16342*	112*	4*	0*	2*	146
	L200	19610	106	4	0	2	185

Type V Softsite, 4000K, CRI 70+

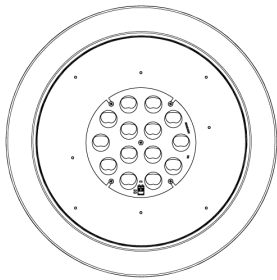
	Nominal output [lm]	Typical delivered output [lm]	Efficiency (lm/W)	BUG Rating			Typical maximum power 120/277V (W)
				B	U	G	
	L30	2,889	63	1	0	1	46
	L50	5,602	58	2	0	1	97
	L70	7,616	52	2	0	1	146

*Photometric performance is measured in compliance with IESNA LM-79-24. Due to rapid and continuous advance in LED technology, photometric information is subject to change without notice.

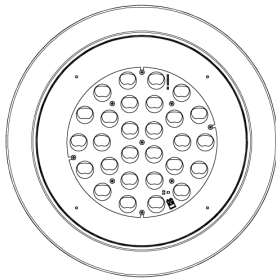
Optical System

LED board size

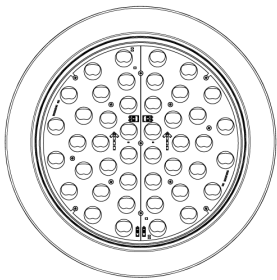
Small (4000lm to 6000lm)



Medium (8000lm to 15000lm)



Large (17000lm to 20000lm)



Type V Softsite is available with large LED board only (3000lm to 7000lm).

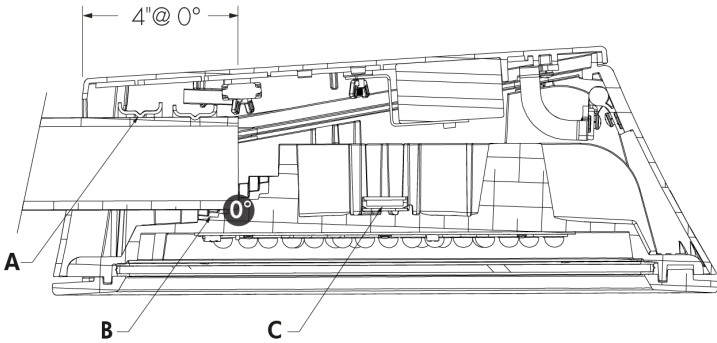
Backlight Shield*



- *Small, Medium and Large LED boards size have the same full coverage backlight shield pieces.
- *Backlight shield available with Type II, Type III and Type IV only.
- *Backlight shield is factory installed.

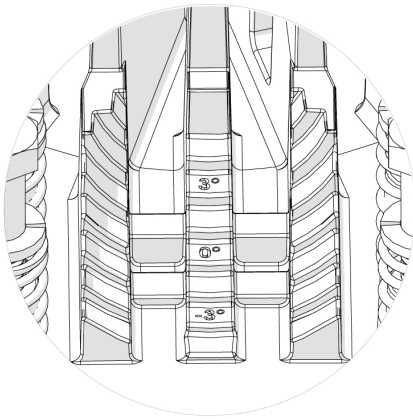
Installation System

Use Bubble Level And Adjustment Scale To Install Luminaire Parallel To The Ground



- A - U-Clamps for 2 3/8 in tenon
- B - Adjustment scale -4.5° to 4.5° (1.5° increments)
- C - Bubble level

Adjustment Scale

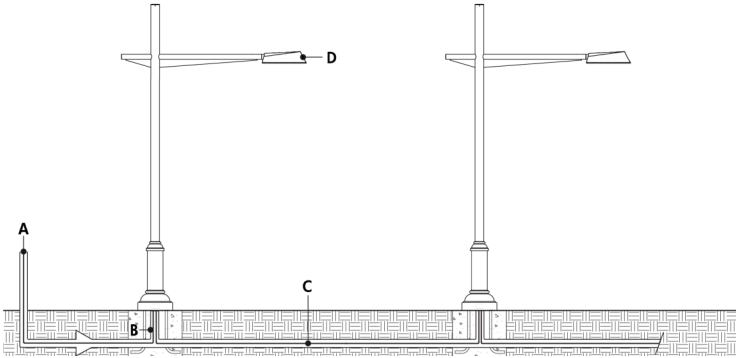


Typical Wiring Diagrams

Wiring Color Code

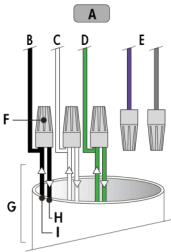
Color	Black	White	Green	Purple	Gray
Use	Line	Line/Neutral	Ground	0-10V+	0-10V-

On/Off Control (NO)



- A - Power input (120-480V, wiring by others)
- B - Conduit (by others)
- C - Power wiring (by others)
- D - Lumenicon Area Medium

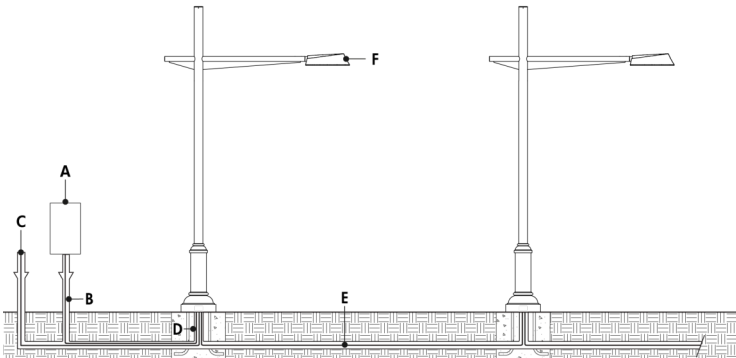
On/Off Control (NO) - Wiring Detail



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

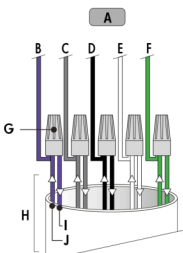
- Consult factory for specific applications and maximum fixture count/cable length recommendations.

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 - Lumenicon Area Medium

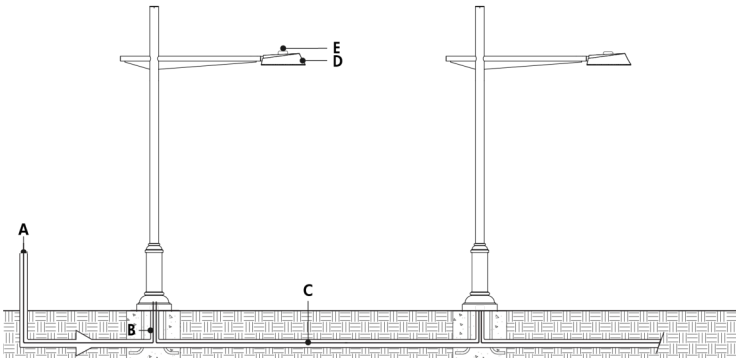
0-10V Dimming (DIM) - Wiring Detail



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

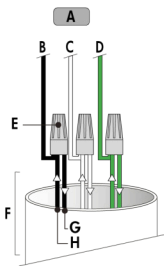
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- 0-10V mA ratings: passive dimmer (Current Sink): 3mA per fixture, active dimmer (Current Source): 0.5mA per fixture.
- 1% minimum dimming value.

5 Pins & 7Pins Receptacle Control (SPR5, SPR7)



- A - Power input (120-480V, wiring by others)
- B - Conduit (by others)
- C - Power wiring (by others)
- D - Lumenicon Area Medium
- E - Photoelectric control

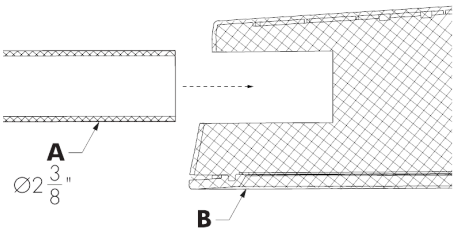
5 pins & 7pins Receptacle Control (SPR5, SPR7) - Wiring Detail



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

Mounting Options

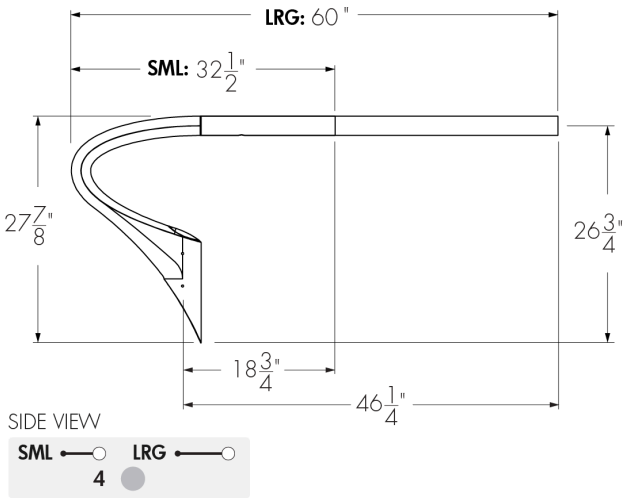
SO2 - Side Overlap (2 3/8 in Tenon)



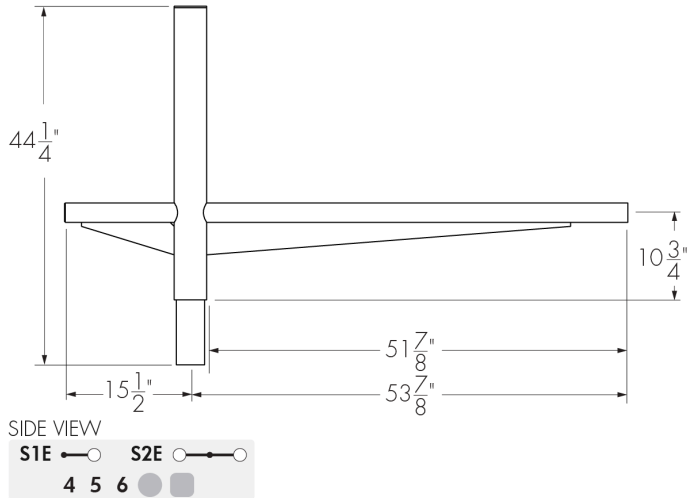
- A - Decorative Arm
- B - Luminaire

SO2 - Side Overlap (2 3/8 in Tenon) Arm Style Dimensions

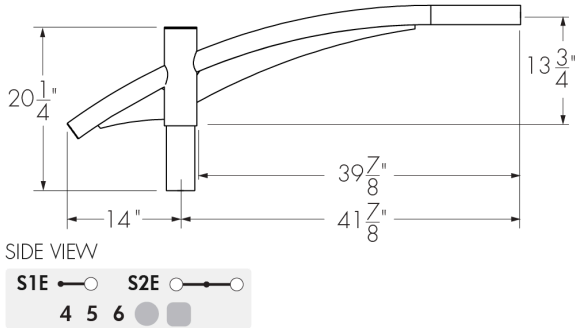
PU2 Arm Style



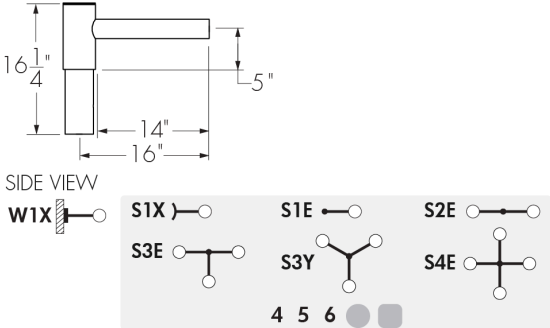
PU4 Arm Style



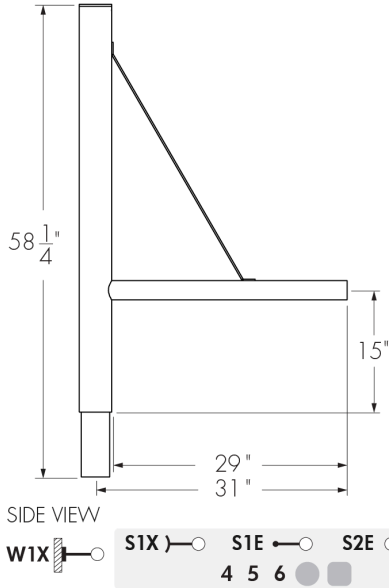
PU5 Arm Style



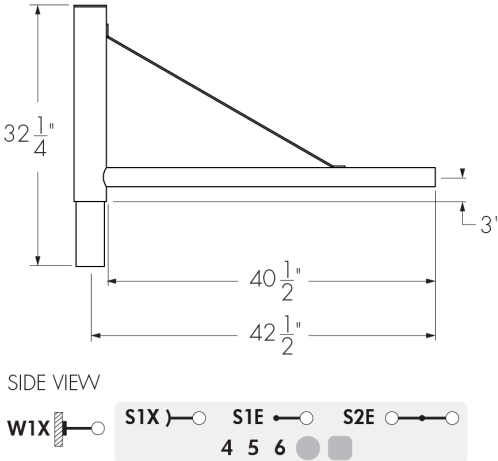
PU8 Arm Style



CS12 Arm Style



CS13 Arm Style



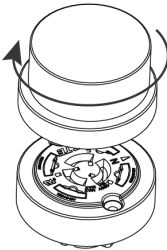
- Mid-pole/mid-luminaire distance is based on 4 in pole (add 1/2 in for 5 in pole and 1 in for 6 in pole).

Options

SPR5 and SPR7 - 5-Pin and 7-Pin Receptacles



SPR5 SC and SPR7 SC - 5-Pin and 7-Pin Receptacles with Shorting Cap



- Dimming receptacle meets ANSI C136.41 Standard.

How to Order

Housing ⁽¹⁾	Voltage	Lens	Output (Nominal Lumens)	Color and Color Temperature ⁽⁷⁾	Color Rendering	Distributions	Finish	Dual-Color Option	Dual-Color Finish Option ⁽¹⁴⁾	Control	Option
LIAM Lumenicon Area Medium	120 120 Volts	CSL Clearsite Lens ^{(2) (3)}	\$40 4000lm ⁽⁴⁾	22K 2200K ⁽⁸⁾	CRI 70 CRI 70+ ⁽⁹⁾	2 Type II	BK Black Sandtex®	c Dual-Color	BK Silver Sandtex® fixture with Black Sandtex® top cover and ring ⁽¹⁵⁾	DIM 0-10V Dimming ⁽¹⁸⁾	CRC Corrosion- Resistant Coating ⁽¹⁹⁾ SP Surge Protector SPR5 5-Pin Receptacle ⁽²¹⁾ SPR5 SC 5-Pin Receptacle with Shorting Cap ⁽²¹⁾ SPR7 7-Pin Receptacle ⁽²¹⁾ SPR7 SC 7-Pin Receptacle with Shorting Cap ⁽²¹⁾
	208 208 Volts	SSL Softsite lens ^{(4) (5)}	\$60 6000lm	27K 2700K ⁽⁸⁾	CRI 80 CRI 80+ ⁽¹⁰⁾	2BLS Type II Backlight Shield	BRZ Bronze Sandtex®				
	240 240 Volts		M80 8000lm	30K 3000K		3 Type III	SI Silver Sandtex®				
	277 277 Volts		M110 11 000lm	35K 3500K		3BLS Type III Backlight Shield	BKTX Textured Black				
	347 347 Volts		M150 15 000lm	40K 4000K		4 Type IV	BRZTX Textured Bronze Non- Metallic				
	480 480 Volts		L170 17 000lm	57K 5700K		4BLS Type IV Backlight Shield	GRATX Textured Medium Gray				
			L200 20 000lm			5S Type V Square	GRNTX Textured Green				
			L30 3000lm Softsite ⁽⁵⁾			5 Type V Softsite ⁽⁴⁾	WHTX Textured White				
			L50 5000lm Softsite ⁽⁵⁾				CC Custom Color & Finish ^{(11) (12) (13)}				
			L70 7000lm Softsite ⁽⁵⁾								

Notes:

1. Consult Related Products section on webpage for a selection of compatible decorative arms, decorative poles (sold separately).

2. Available with \$40, \$60, M80, M110, M150, L170 and L200 output options only.

3. Available with types 2, 2BLS, 3, 3BLS, 4, 4BLS and 5S distribution only.

4. Available with L30, L50 and L70 output options only.

5. Available with type 5 distribution only.

6. Available up to 277V.

7. Consult factory for more color temperature options.

8. Available for CRI 80 only.

9. Binning within a 3-step MacAdam ellipse, with the exception of 2200K and 5700K.

10. Binning within a 2-step MacAdam ellipse, with the exception of 5700K.
11. 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.

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

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

14. Required only if Dual-Color Option is specified.

15. Available with SI finish option only.

16. Available with BK finish option only.

17. Available with CC finish option only.

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

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

20. Setup charges apply. Consult factory for details.

21. Only one receptacle can be specified per fixture.

How to Order

Mounting Options
S02 Side Overlap (2 3/8 in Tenon)