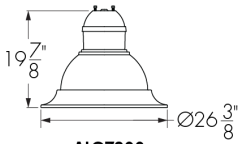
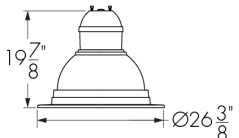
Project Name _____ **Qty** _____

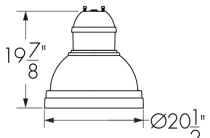
Type _____ **Catalog / Part Number** _____



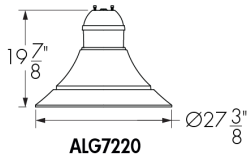
ALG7200



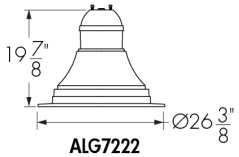
ALG7202



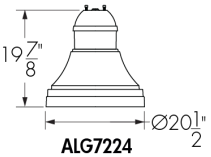
ALG7204



ALG7220

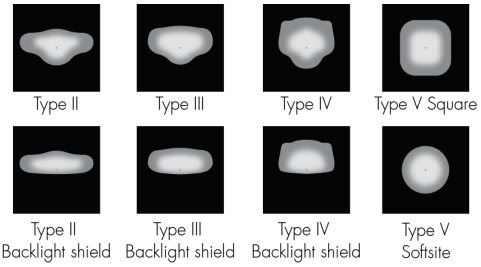


ALG7222



ALG7224

Distributions



Colors and Color Temperatures

Control

ON/OFF 0-10V

Rating

IP66 (optical chamber)

Certifications

Description

The Allegra Medium is a durable, stylish luminaire for urban lighting applications, including pedestrian plazas, residential streets and collector roads. Offering a choice of outputs, color temperatures, and distributions, the Allegra Medium is elegance personified.

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
Option	Corrosion-resistant Coating for Hostile Environments Surge Protector
Mounting Options	Pendant Medium (4-Bolt Tenon Adaptor), Side Internal (2 3/8 in Tenon)
Warranty	5-year limited warranty

Performance

Output (Nominal Lumens)	Minimum 3000lm / Maximum 17000lm
Color Rendering	3 SDCM for CRI 70+ and 2 SDCM for CRI 80+
Lumen Maintenance	TM-21 L70 527,000 hrs (projected, Ta 77 °F), 36,000 hrs (reported, Ta 77 °F)
DarkSky	DarkSky Approved (2200K, 2700K and 3000K color temperatures, BUG rating of U0)

Physical

Housing Material	Die cast low copper 360 aluminum alloy
Lens Material	Optical tempered clear glass (Clearsite lens), Optical tempered opal glass (Softsite lens)
Weight	Up to 35 lbs

EPA	Up to 1.13 ft²
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).

Electrical and Control

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

Environmental

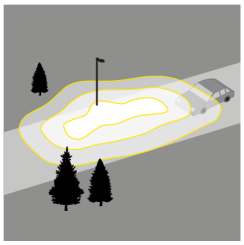
Storage Temperature	-40 °F to 122 °F (device must reach start-up temperature value before operating)
Start-up Temperature	-40 °F to 104 °F (-13 °F to 104 °F for 120V combined with M80, L170, L30 Softsite, L50 Softsite or L70 Softsite output)
Operating Temperature	-40 °F to 104 °F (-13 °F to 104 °F for 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	Pendant-Mount Decorative Arm: P4-Pendant Medium (4-Bolt Tenon Adaptor) Luminaire Mounting Option with DT6, CS2, CS4, CS6, CS12, CS13 and MC5 Arm Style., Side-Mount Decorative Arm: SI2-Side Internal (2 3/8 in Tenon) Luminaire Mounting Option with PU2, PU4, PU5, PU8, CS12 and CS13 Arm Style.

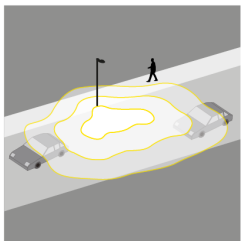
Photometric Information

Type II, 4000K, CRI 70+



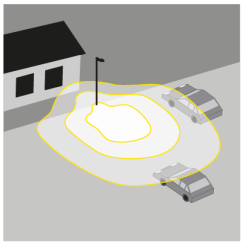
	Nominal output [lm]	Typical delivered output [lm]	Efficiency (lm/W)	BUG Rating B	U	G	Typical maximum power 120/277V (W)
S40	3,376	109	1	0	1	31
S60	5,204	95	1	0	1	55
M80	6,892	108	2	0	1	64
M110	9,423	102	2	0	2	92
M150	12,518	95	2	0	2	132
L170	14,023*	96	3*	0*	2*	146

Type III, 4000K, CRI 70+



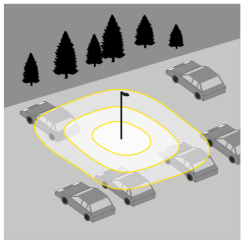
	Nominal output [lm]	Typical delivered output [lm]	Efficiency (lm/W)	BUG Rating B	U	G	Typical maximum power 120/277V (W)
S40	3,801	123	1	0	1	31
S60	5,861	107	1	0	1	55
M80	7,761	121	2	0	2	64
M110	10,612	115	2	0	2	92
M150	14,097	107	3	0	2	132
L170	15,792*	108	3*	0*	2*	146

Type IV, 4000K, CRI 70+



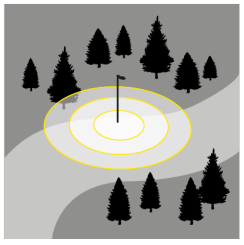
	Nominal output [lm]	Typical delivered output [lm]	Efficiency (lm/W)	BUG Rating B	U	G	Typical maximum power 120/277V (W)
S40	3,529	114	1	0	1	31
S60	5,441	99	1	0	1	55
M80	7,205	113	2	0	2	64
M110	9,852	107	2	0	2	92
M150	13,087	99	3	0	3	132
L170	14,662*	100	3*	0*	3*	146

Type V square, 4000K, CRI 70+



	Nominal output [lm]	Typical delivered output [lm]	Efficiency (lm/W)	BUG Rating B	U	G	Typical maximum power 120/277V (W)
S40	3,844	124	2	0	1	31
S60	5,927	108	3	0	1	55
M80	7,849	123	3	0	1	64
M110	10,733	117	3	0	2	92
M150	14,257	108	4	0	2	132
L170	15,980*	110	4*	0*	2*	146

Type V Softsite, 4000K, CRI 70+



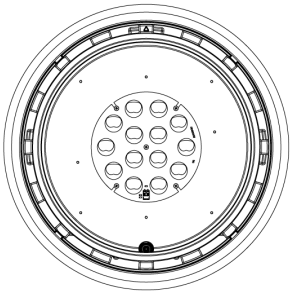
	Nominal output [lm]	Typical delivered output [lm]	Efficiency (lm/W)	BUG Rating B	U	G	Typical maximum power 120/277V (W)
L30	2,647	58	1	0	1	46
L50	5,134	53	2	0	1	97
L70	6,979	48	2	0	1	146

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

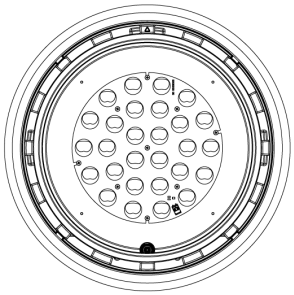
Optical System

LED board size

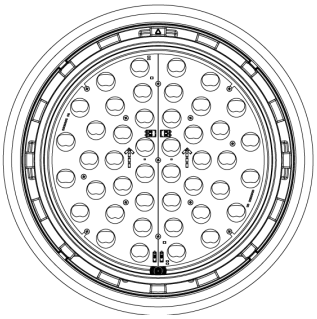
Small (4000lm to 6000lm)



Medium (8000lm to 15000lm)



Large (17000lm)



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

Backlight Shield*

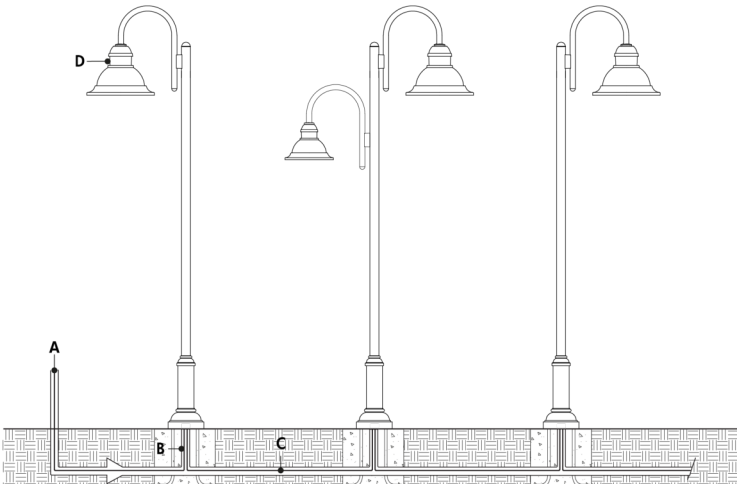
*Small, Medium and Large LED boards size have the same full coverage backlight shield pieces.
*Backlight sheild available with Type II, Type III and Type IV only.
*Backlight shield is factory installed.

Typical Wiring Diagrams

Wiring Color Code

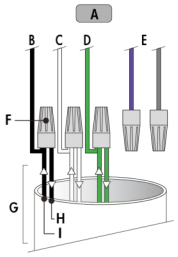
Color	Black	White	Green	Purple	Gray
Use	Line	Line/Neutral	Ground	0 -10V+	0 -10V -

On/Off Control (NO)



A - Power input (120-480V, wiring by others)
B - Conduit (by others)
C - Power wiring (by others)
D - Allegra medium

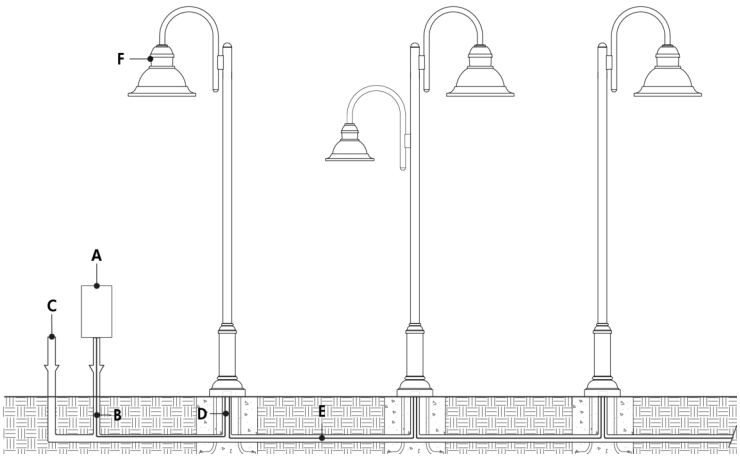
On/Off Control (NO) - Wiring Detail



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

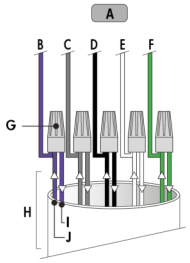
- Consult factory for specific applications and maximum fixture count/cable length recommendations.

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 - Allegra medium

0-10V Dimming (DIM) - Wiring Detail

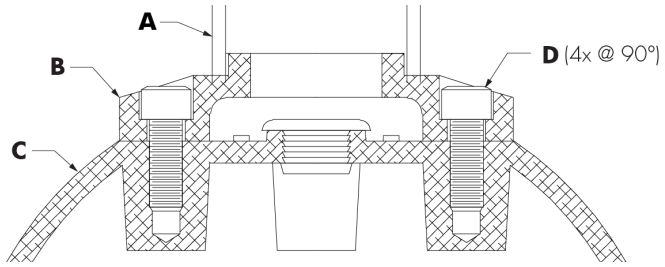


A - To fixture
B - 0-10V +
C - 0-10V -
D - Line
E - Line/Neutral
F - Ground
G - Wire-nuts (by others)
H - Conduit (by others)
I - To next fixture
J - Power input and from third party dimmer or from previous fixture

- 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.

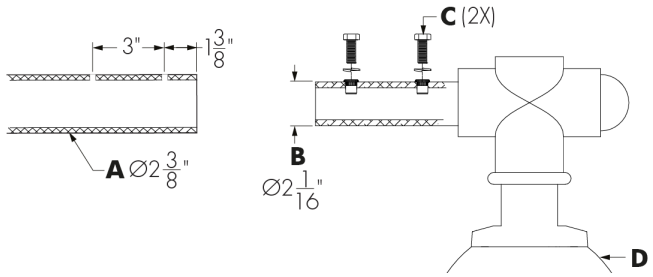
Mounting Options

P4 - Pendant Medium (4-Bolt Tenon Adaptor)



A - Decorative Arm
B - 4-Bolt Tenon Adaptor
C - Luminaire
D - (4x) Ø3/8 in x 1 in Bolt (included with luminaire).Ø3 3/4 in Bolt Circle

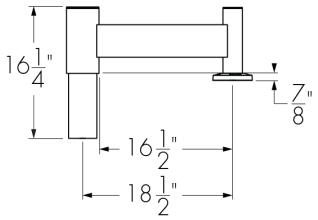
SI2 - Side Internal (2 3/8 in Tenon)



A - Decorative Arm
B - SI2 Tenon Adaptor
C- 3/8-16 Bolt and Lock Washers
D - Luminaire

P4 - Pendant Medium (4-Bolt Tenon Adaptor) Arm Style Dimensions

DT6 Arm Style

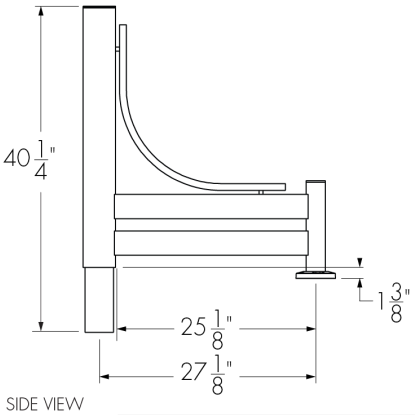


SIDE VIEW

W1X | S1X | S1E | S2E

4 5 6

CS2 Arm Style

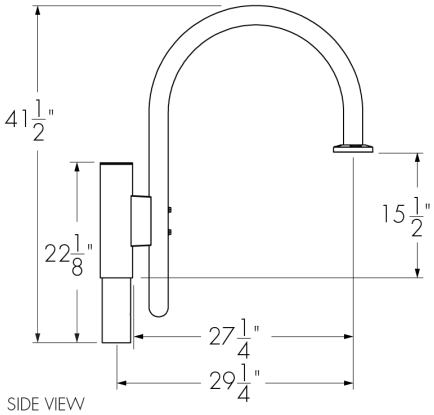


SIDE VIEW

W1X | S1X | S1E | S2E

4 5 6

CS4 Arm Style

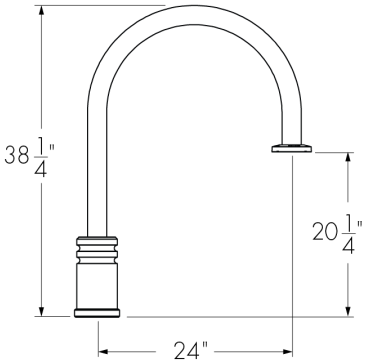


SIDE VIEW

W1X | S1X | S1E | S2E

4 5 6

CS6 Arm Style

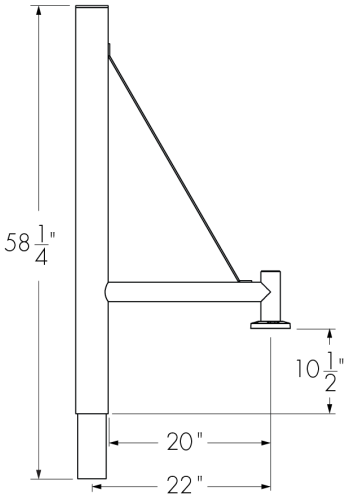


SIDE VIEW

S1E | S2E

4 5

CS12 Arm Style

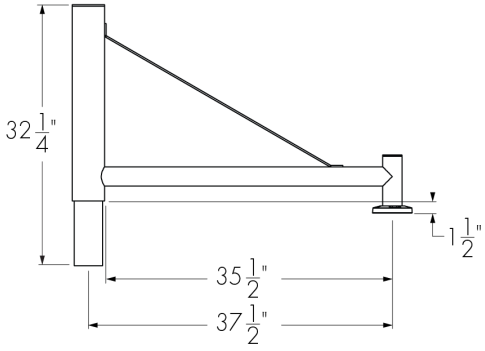


SIDE VIEW

W1X | S1X | S1E | S2E

4 5 6

CS13 Arm Style

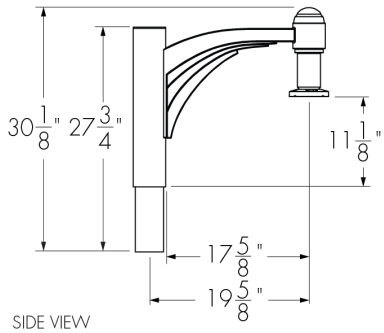


SIDE VIEW

W1X | S1X | S1E | S2E

4 5 6

MC5 Arm Style



SIDE VIEW

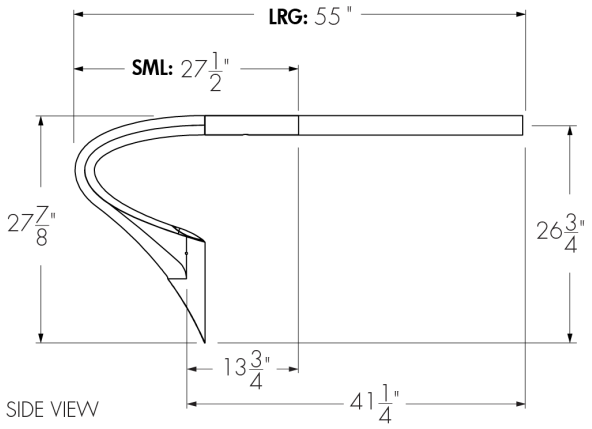
W1X | S1X | S1E | S2E

4 5 6

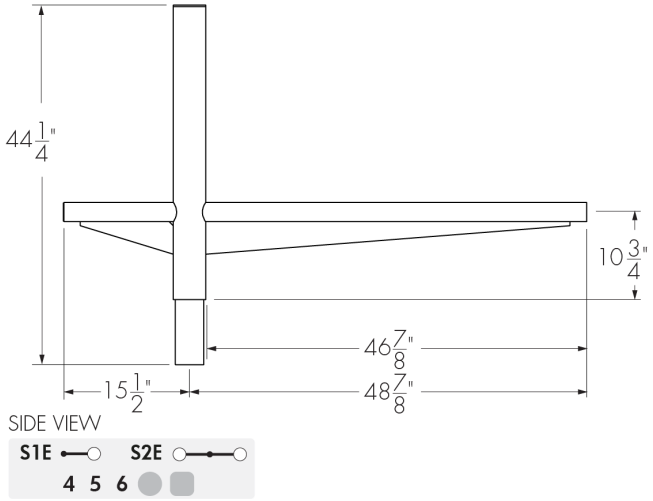
- Mid-pole/mid-luminaire distance is bases on 4 in pole (add 1/2 in for 5 in pole and 1 in for 6 in pole).

SI2 - Side Internal (2 3/8 in Tenon) Arm Style Dimensions

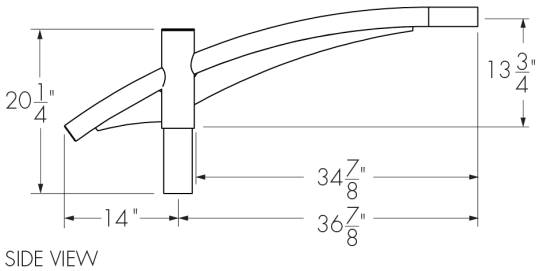
PU2 Arm Style



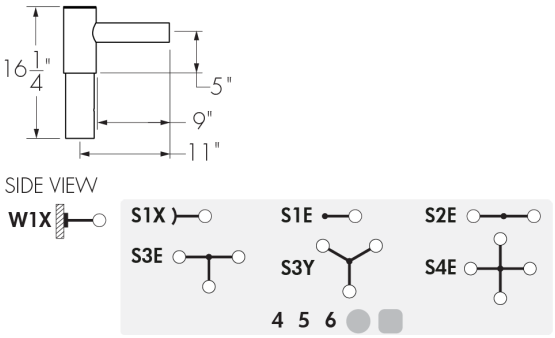
PU4 Arm Style



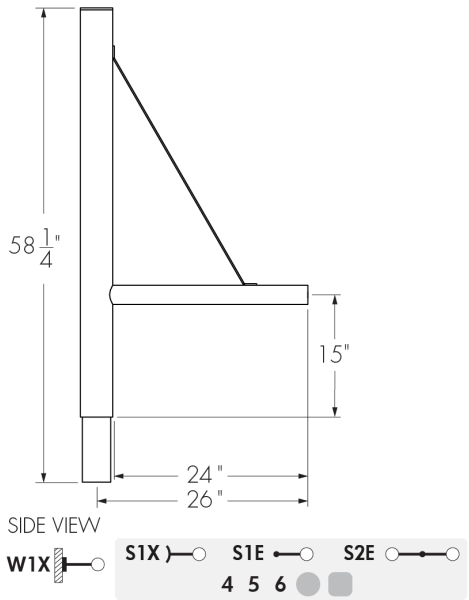
PU5 Arm Style



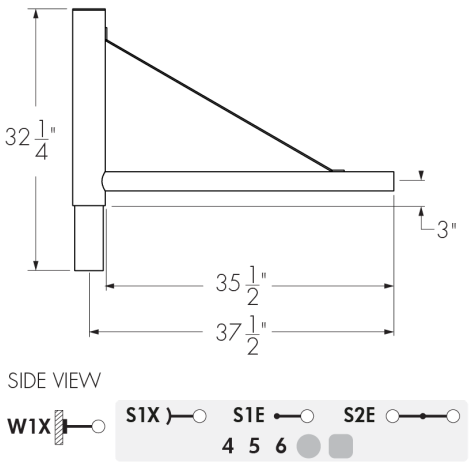
PU8 Arm Style



CS12 Arm Style



CS13 Arm Style



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

How to Order

Housing [1]	Voltage	Lens	Output (Nominal Lumens)	Color and Color Temperature [7]	Color Rendering	Distributions	Finish	Control	Option	Mounting Options
ALG7200 Allegra 7200 **ALG7202** Allegra 7202 **ALG7204** Allegra 7204 **ALG7220** Allegra 7220 **ALG7222** Allegra 7222 **ALG7224** Allegra 7224	**120** 120 Volts **208** 208 volts **240** 240 volts **277** 277 Volts **347** 347 volts **480** 480 volts	**CSL** Clearsite Lens [2] [3] **SSL** Softsite lens [4] [5]	**S40** 4000lm [6] **S60** 6000lm **M80** 8000lm **M110** 11 000lm **M150** 15 000lm **L170** 17 000lm **L30** 3000lm Softsite [5] **L50** 5000lm Softsite [5] **L70** 7000lm Softsite [5]	**22K** 2200K [8] **27K** 2700K [8] **30K** 3000K **35K** 3500K **40K** 4000K **57K** 5700K	**CRI 70** CRI 70+ [9] **CRI 80** CRI 80+ [10]	**2** Type II **2BLS** Type II Backlight Shield **3** Type III **3BLS** Type III Backlight Shield **4** Type IV **4BLS** Type IV Backlight Shield **5S** Type V Square **5** Type V Softsite [4]	**BK** Black Sandtex® **BRZ** Bronze Sandtex® **SI** Silver Sandtex® **BKTX** Textured Black **BRZTX** Textured Bronze Non-Metallic **GRATX** Textured Medium Gray **GRNTX** Textured Green **WHTX** Textured White **CC** Custom Color & Finish [11] [12] [13]	**DIM** 0-10V Dimming [14]	**CRC** Corrosion-resistant coating [15] [16] **SP** Surge Protector	**P4** Pendant Medium (4-Bolt Tenon Adaptor) **SI2** Side Internal (2 3/8 in Tenon)

Notes:

1. Consult Related Products section on webpage for a selection of compatible decorative arms, decorative poles (sold separately).
2. Available with S40, S60, M80, M110, M150 and L170 output option 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 McAdam ellipse, with the exception of 5700K.
10. Binning within a 2-step MacAdam ellipse, with the exception of 2200K and 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. DIM control can be used as NO (On/Off control) if no data is required.
15. Use only when exposed to salt spray. This option is not required for normal outdoor exposure.
16. Setup charges apply. Consult factory for details.