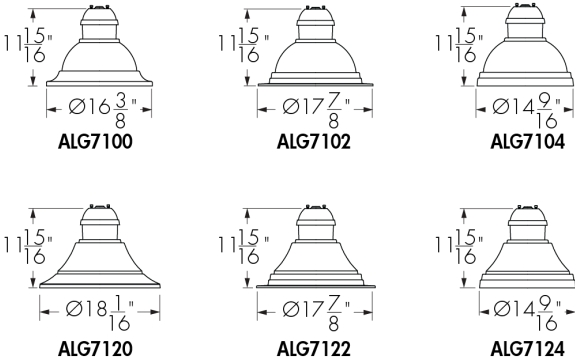


Project Name

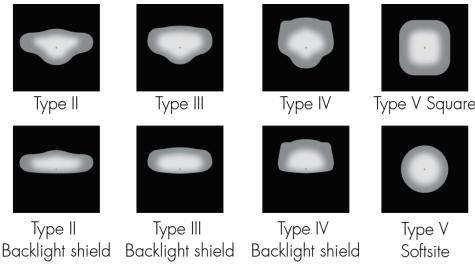
Qty

Type

Catalog / Part Number



Distribution



Colors and Color Temperatures



Control

ON/OFF 0-10V

Rating

IP66 (optical chamber)

Lumencycle™ Program



Certifications



Description

The Allegra Small is a durable, stylish luminaire for urban lighting applications, including pedestrian plazas, residential streets and collector roads. Offering a choice of outputs, colour temperatures, and distributions, the Allegra Small 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 Small (3-Bolt Tenon Adapter)
Warranty	5-year limited warranty

Performance

Output (Nominal Lumens)	Minimum 3000lm / Maximum 8000lm
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
Lens Material	Optical Tempered Clear Glass (Clearsite Lens), Optical tempered opal glass (Softsite lens)
Weight	Up to 14 lbs
EPA	0.5 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).
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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 and L30 Softsite)
Operating Temperature	-40 °F to 104 °F (-13 °F to 104 °F for 120V combined with M80 and L30 Softsite)
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: P3-Pendant Small (3-Bolt Tenon Adapter) Luminaire Mounting Option with CM0, DM0, DT6, CS2, CS4, CS6, CS12, CS13 and MC5 Arm Style.
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Important

Virtual Patent Marking Notice

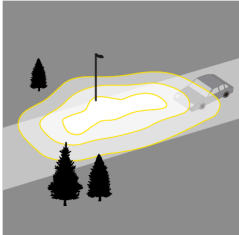
This website (<https://www.lmpg.com/patents-trademarks>) is provided to satisfy the virtual patent marking provisions of applicable jurisdictions. Some products listed may be covered by additional patents not referenced here.

Lumencycle™ Program

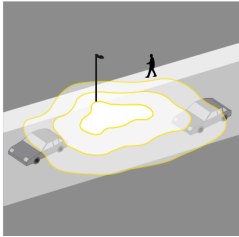
Lumencycle is a comprehensive program designed to maximize the life of Lumenpulse fixtures while preserving their performance, quality, and design intent. Built around three pillars—Repair, Restore, and Recycle—the program provides clear pathways to maintain existing installations, restore fixtures,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

Photometric Information

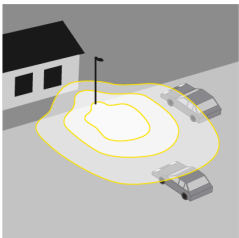
Type II, 4000K, CRI 70+

	Nominal output [lm]	Typical delivered output [lm]	Efficiency (lm/W)	BUG Rating			Typical maximum power 220/277V (W)
	B	U	G				
	S40	3,235	104	1	0	1	31
	S60	5,063	92	1	0	1	55
	M80	6,610	103	2	0	1	64

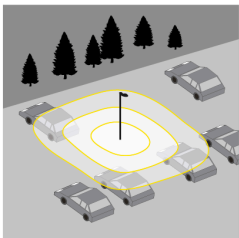
Type III, 4000K, CRI 70+

	Nominal output [lm]	Typical delivered output [lm]	Efficiency (lm/W)	BUG Rating			Typical maximum power 220/277V (W)
	B	U	G				
	S40	3,643	118	1	0	1	31
	S60	5,702	104	1	0	1	55
	M80	7,444	116	2	0	2	64

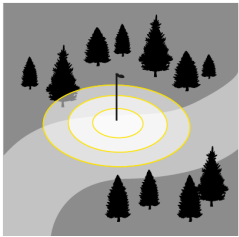
Type IV, 4000K, CRI 70+

	Nominal output [lm]	Typical delivered output [lm]	Efficiency (lm/W)	BUG Rating			Typical maximum power 220/277V (W)
	B	U	G				
	S40	3,382	109	1	0	1	31
	S60	5,294	96	1	0	1	55
	M80	6,911	108	2	0	2	64

Type V Square, 4000K, CRI 70+

	Nominal output [lm]	Typical delivered output [lm]	Efficiency (lm/W)	BUG Rating			Typical maximum power 220/277V (W)
	B	U	G				
	S40	3,684	119	2	0	1	31
	S60	5,767	105	3	0	1	55
	M80	7,529	118	3	0	1	64

Type V Softsite, 4000K, CRI 70+

	Nominal output [lm]	Typical delivered output [lm]	Efficiency (lm/W)	BUG Rating			Typical maximum power 220/277V (W)
	B	U	G				
	L30	2,487	54	1	0	0	46

*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.

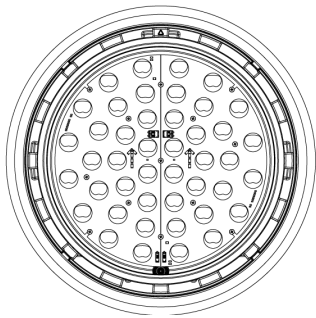
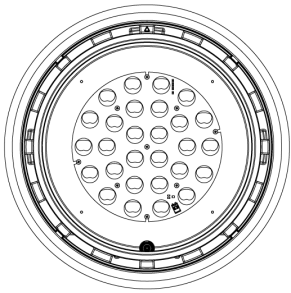
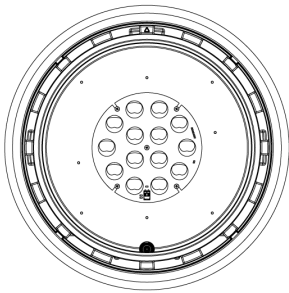
Optical System

LED Board Size

Small (4000lm to 6000lm)

Medium (8000lm)

Large (3000lm Softsite)



Backlight Shield*



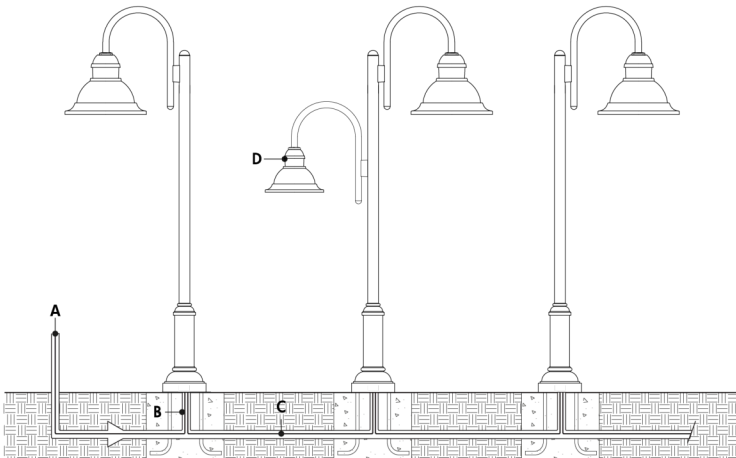
- *Small and medium boards size have the same full coverage backlight shield pieces.
- *Backlight sheild available with Type II, Type III and Type IV only.
- *Backlight shield is factory installed.

Typical Wiring Diagrams

Wiring Color Code

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

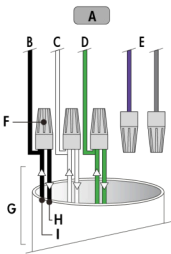
On/Off Control (NO)



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

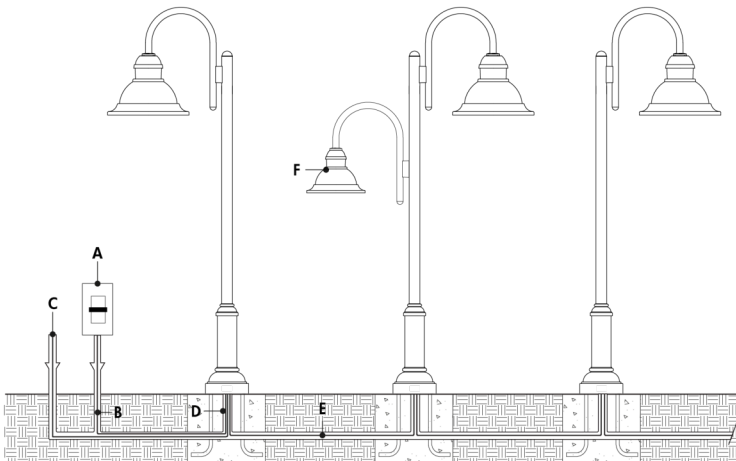
- Consult factory for specific applications and maximum fixture count/cable length recommendations.

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

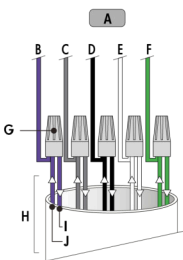
0-10V Dimming (DIM)



- 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 small

- 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.

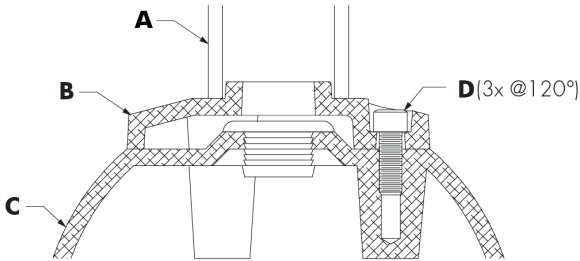
0-10V Dimming (DIM) - Wiring Detail



- 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

Mounting Options

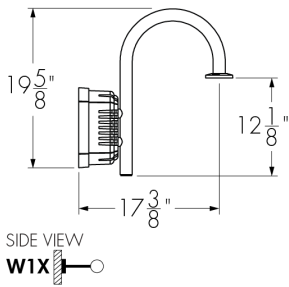
P3 - Pendant Small (3-Bolt Tenon Adaptor)



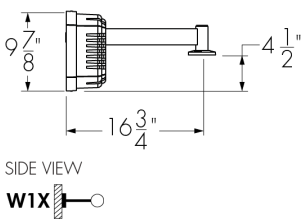
- A - Decorative Arm
- B - 3-Bolt Tenon Adaptor
- C - Luminaire
- D - (3x) Ø1/2 in x 1 in Bolt (included with luminaire). Ø2 1/2 in Bolt Circle

P3 - Pendant Small (3-Bolt Tenon Adaptor) Arm Style Dimensions

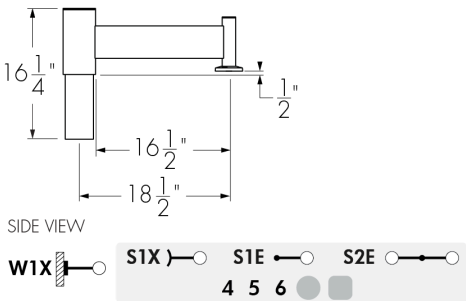
CM0 Arm Style



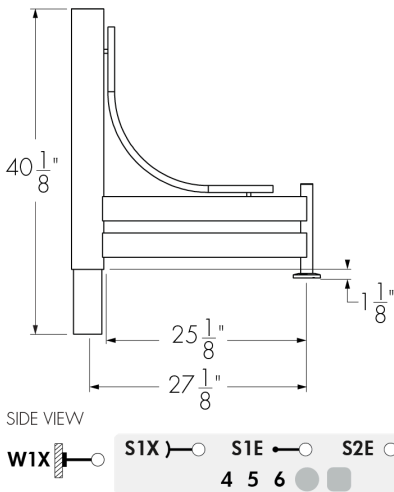
DM0 Arm Style



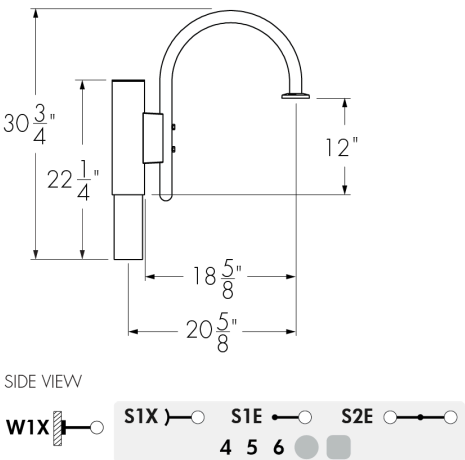
DT6 Arm Style



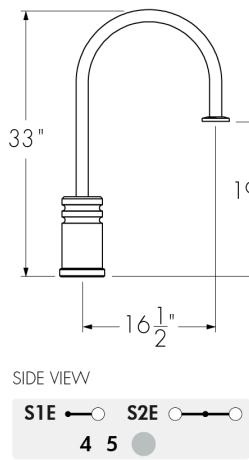
CS2 Arm Style



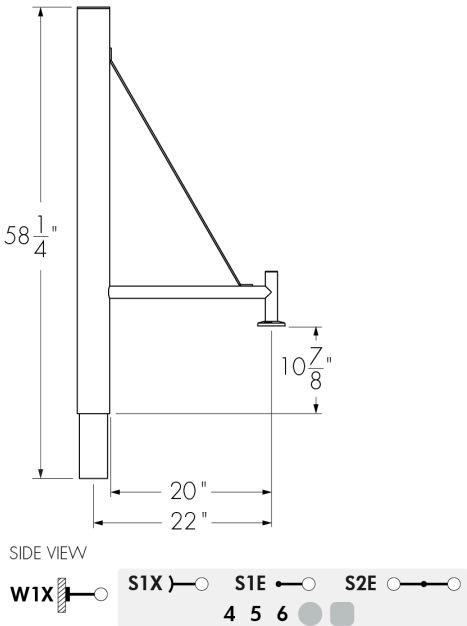
CS4 Arm Style



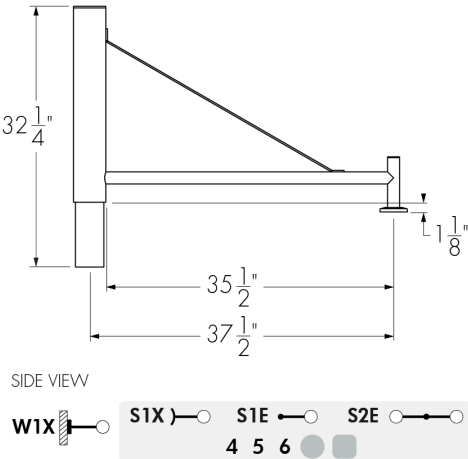
CS6 Arm Style



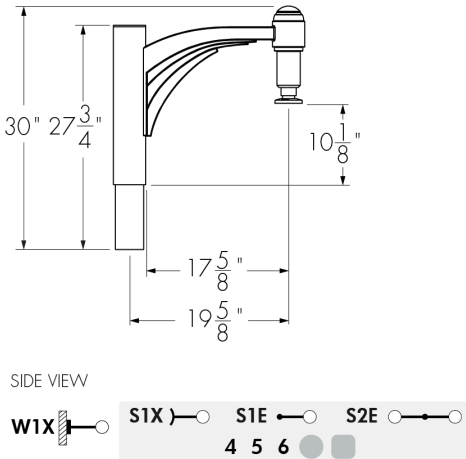
CS12 Arm Style



CS13 Arm Style



MC5 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).

How to Order

Housing ⁽¹⁾	Voltage	Lens	Output (Nominal Lumens)	Color and Color Temperature ⁽⁷⁾	Color Rendering	Distributions	Finish	Control	Option	Mounting Options
ALG7100 Allegra 7100	120 120 Volts	CSL Clearsite Lens ^{(2) (3)}	S40 4000lm ⁽⁴⁾	22K 2200K ⁽⁸⁾	CRI 70 CRI 70+ ⁽⁹⁾	2 Type II	BK Black Sandtex®	DIM 0-10V Dimming ⁽¹⁴⁾	CRC Corrosion- Resistant Coating ⁽¹⁵⁾ ⁽¹⁶⁾	P3 Pendant Small (3-Bolt Tenon Adapter)
ALG7102 Allegra 7102	208 208 Volts	SSL Softsite lens ^{(4) (5)}	S60 6000lm ⁽⁴⁾	27K 2700K ⁽⁸⁾	CRI 80 CRI 80+ ⁽¹⁰⁾	2BLS Type II Backlight Shield	BRZ Bronze Sandtex®		SP Surge Protector	
ALG7104 Allegra 7104	240 240 Volts		M80 8000lm	30K 3000K		3 Type III	SI Silver Sandtex®			
ALG7120 Allegra 7120	277 277 Volts		L30 3000lm Softsite ⁽⁵⁾	35K 3500K		3BLS Type III Backlight Shield	BKTX Textured Black			
ALG7122 Allegra 7122	347 347 Volts			40K 4000K		4 Type IV	BRZTX Textured Bronze Non- Metallic			
ALG7124 Allegra 7124	480 480 Volts			57K 5700K		4BLS Type IV Backlight Shield	GRATX Textured Medium Gray			
						5S Type V Square	GRNTX Textured Green			
						5 Type V Softsite ⁽⁴⁾	WHTX Textured White			
							CC Custom Color & Finish ^{(11) (12) (13)}			

Notes:

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

2. Available with S40, S60 and M80 output options only.

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

4. Available with L30 output option 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 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. Longer lead times can be expected for custom RAL color finishes.

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

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.