

CLS G1

LED Architectural Cylinder Downlight

Due to continuous product improvements, specification and/or equipment updates may change without notice.

Project:
Catalog #:
Fixture Type:
Notes:

DESIGN XP

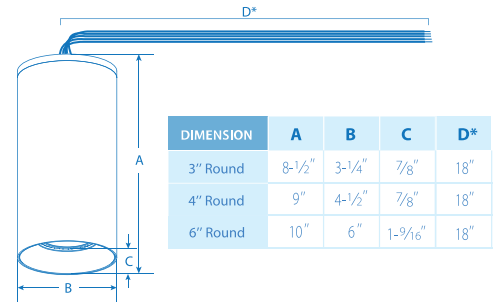


CLS Series

3"/4"/6" - Black/Silver/White - Selectable Distribution
(Images are shown for illustration purposes only)



Pendant Mount - Surface Mount - Design Focused



*5-Wire leads (Black, White, Green, Pink, Purple)

ORDERING GUIDE

Example: CLS 6R LS40 SD G1 9FSK W

Fixture Type	Size & Shape	Selectable Lumen Output	Distribution	Generation	Voltage	Dimming	CCT	Finish
• CLS LED Selectable Cylinder Downlight	• 3R 3" Round	• LS15 500 Lm / 5 W 950 Lm / 10 W 1,400 Lm / 15 W	• SD Selectable Distribution - 25° - 80°	• G1 First Generation	• BLANK 120-277 V	• BLANK 0-10V, TRIAC & ELV	• 9FSK 2700K 3000K 3500K 4000K 5000K -90 CRI	• B Black • W White • SG Silver Gray
	• 4R 4" Round	• LS25 1,000 Lm / 10 W 2,000 Lm / 20 W 2,500 Lm / 25 W	• SD Selectable Distribution - 30° - 60°					
	• 6R 6" Round	• LS40 2,000 Lm / 20 W 3,000 Lm / 30 W 4,000 Lm / 40 W	• SD Selectable Distribution - 35° - 60°					

Cylinders ship w/o mounting and un-sheathed 5 wire leads. Power feed accessory is required for all pendant mounting and all stem-pendant mounting over 1' in length.

SURFACE MOUNT

Surface mount to recessed j-box

- CLS-SM-RJ-B - Black surface mount kit to recessed J-Box
- CLS-SM-RJ-W - White surface mount kit to recessed J-Box
- CLS-SM-RJ-SG - Silver gray surface mount kit to recessed J-Box

Surface mount to surface j-box

- CLS-SM-SJ-B - Black surface mount kit to surface J-Box
- CLS-SM-SJ-W - White surface mount kit to surface J-Box
- CLS-SM-SJ-SG - Silver gray surface mount kit to surface J-Box

PENDANT MOUNT

Power cable

- CLS-SJT-185-B-12FT
SJT Power Cable 18AWG/3C, 22AWG,2C, 300V, Black, 12 ft
- CLS-SJT-185-W-12FT
SJT Power Cable 18AWG/3C, 22AWG,2C, 300V, White, 12 ft
- CLS-SJT-185-B-7FT
SJT Power Cable 18AWG/3C, 22AWG,2C, 300V, Black, 7 ft
- CLS-SJT-185-W-7FT
SJT Power Cable 18AWG/3C, 22AWG,2C, 300V, White, 7 ft

Pendant mount to recessed j-box

- CLS-PM-RJ-B - Black pendant mount for recessed J-Box
- CLS-PM-RJ-W - White pendant mount for recessed J-Box
- CLS-PM-RJ-SG - Silver gray pendant mount for recessed J-Box

Pendant mount to surface j-box

- CLS-PM-SJ-B - Black pendant mount kit for surface J-Box
- CLS-PM-SJ-W - White pendant mount kit for surface J-Box
- CLS-PM-SJ-SG - Silver gray pendant mount kit for surface J-Box

Stem**

- CLS-STEM-B-1FT - Black, 1 ft. stem for pendant mount
- CLS-STEM-W-1FT - White, 1 ft. stem for pendant mount
- CLS-STEM-SG-1FT - Silver gray, 1 ft. stem for pendant mount

**Stems are 1' pieces that link together. Multiple stems are needed based on pendant length needed.
Example: 6' stem pendant length would require a 7' power cable, a pendant mounting kit, and 6 stems.

Specifications

Construction

Aluminum housing and heat-sink with matte finish.

Efficacy

Up to 100 Lm/W.

Wattage

Field Selectable:

LS15: 5 - 15 W

LS25: 10 - 25 W

LS40: 20 - 40 W

Lumen Range

Field Selectable:

LS15: 500 - 1400 Lm

LS25: 1,000 - 2,500 Lm

LS40: 2,000 - 4,000 Lm

Ambient Operating Temperature

-25°C (-13°F) to 40°C (104°F).

Mounting

Surface, stem pendant, or cord pendant mounting.

CRI

90 CRI

Dimming and Range

Universal: 0-10V, TRIAC, & ELV Dim off (0.75V), 10-100%

Lifespan

L70 > 50,000 hrs @ 25°

Distribution

Selectable Distribution:

LS15: 25° - 80°

LS25: 30° - 60°

LS40: 35° - 60°

Electrical

PF > 0.9

THD < 25%

Flicker free < 30%

Low noise < 22dB

Colors

Matte White (RAL9003)

Matte Black (RAL9004)

Silver Gray (RAL9006)

Warranty

5-year limited warranty.

Comprehensive warranty terms can be located on www.slgus.com.

Certifications/Listings

Suitable for damp locations. Energy

Star listed, FCC part 15 Class B, CA

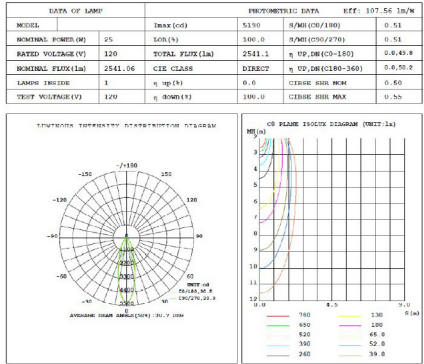
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Performance Information

Series Number	Lumens	Wattage	
CLS 3R LS15	500 Lm	5 W	2700K/ 3000K/ 3500K 4000K/5000K
	950 Lm	10 W	
	1,400 Lm	15 W	
Series Number	Lumens	Wattage	CCT
CLS 4R LS25	1,000 Lm	10 W	2700K/ 3000K/ 3500K 4000K/5000K
	2,000 Lm	20 W	
	2,500 Lm	25 W	
Series Number	Lumens	Wattage	CCT
CLS 6R LS40	2,000 Lm	20 W	2700K/ 3000K/ 3500K 4000K/5000K
	3,000 Lm	30 W	
	4,000 Lm	40 W	

Photometrics

CLS 4R-27FSK - 30° Angle

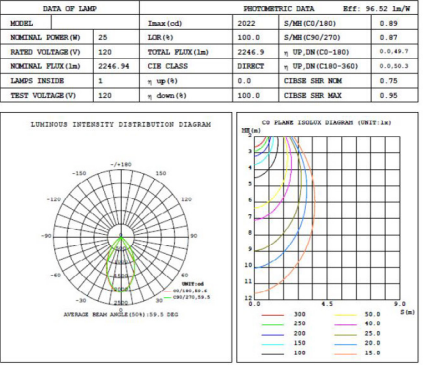


Dimmer Compatibility

No.	Brand	Model No.	Interface
1	Leviton	IP710-DLZ	0-10V
2	Lithonia/Synergy	ISD BC 120/277 WH	0-10V
3	Cooper	SF10P-W	0-10V
4	Lutron	DVSTV-WH	0-10V
5	HUBBELL	PSD710	0-10V
6	HUBBELL	RSD710Z	0-10V

Brand	Model No.	Wattage	Interface
Lutron	CTCL-153P-WH	150W	TRIAC
Lutron	S2-LH	300W	TRIAC
Lutron	DVCL-153P	150W	TRIAC
Legrand	HCL453PTCCCV6	450W	TRIAC
Synergy/Leviton	ISD 600 1 120 / IPI06	600W	TRIAC
Leviton	6633-PA	600W	TRIAC
Leviton	6631-PLW	600W	TRIAC
Leviton	IPL06-10Z	600W	Universal
Leviton	6674-POW	600W	Universal
Lutron	DVELV-300P-AL	300W	ELV
Lutron	NTELV-300-WH	300W	ELV
Lutron	SELV-300P	300W	ELV
Insteon	2477D	600W	ELV
HUBBELL	RSDE06	600W	ELV
Lutron	PD-5NE	150W	Wireless

CLS 4R-27FSK - 60° Angle

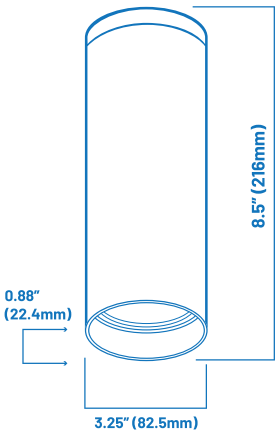


Accessories

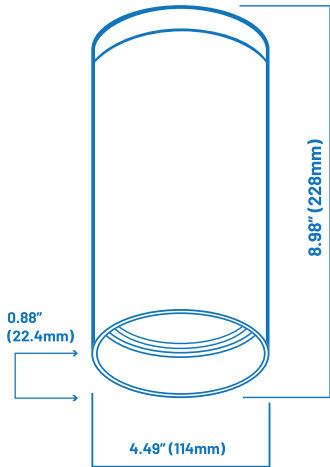


Dimensions

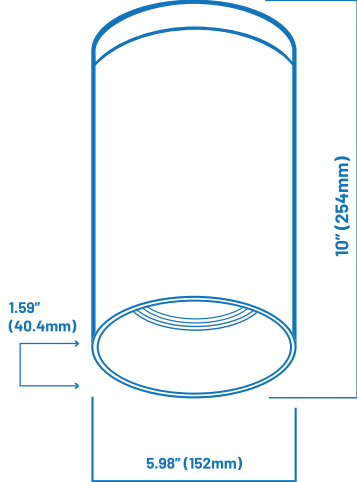
CLS 3R



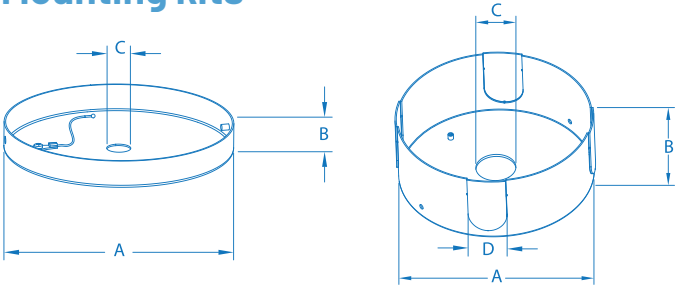
CLS 4R



CLS 6R

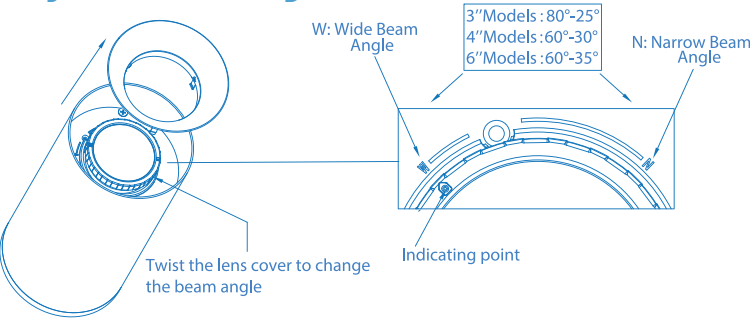


Mounting kits

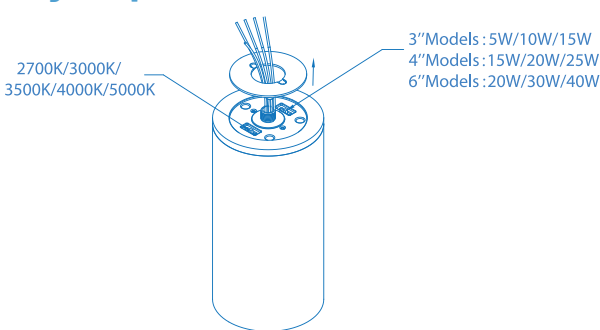


DIMENSION	A	B	C	D
Surface Mount Regular Canopy	6"	3/4"	9/16"	—
Pendant Mount Regular Canopy	6"	3/4"	1-3/16"	—
Surface Mount Deep Canopy	6"	2-1/4"	9/16"	1-3/16"
Pendant Mount Deep Canopy	6"	2-1/4"	1-3/16"	1-3/16"

Adjust beam angle



Adjust power/CCT



Mounting kits

Fig. A

Surface Mount Regular Canopy Kit CLS-SM-RJ-B/SG/W

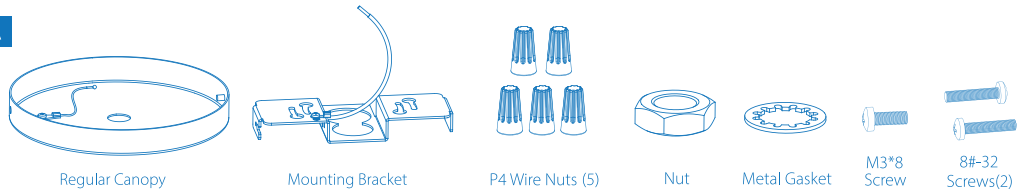


Fig. B

Surface Mount Deep Canopy Kit CLS-SM-SJ-B/SG/W

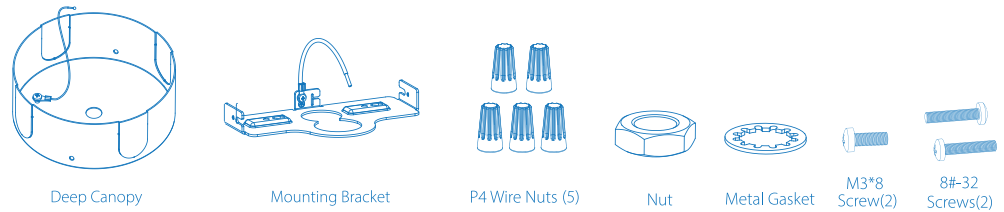


Fig. C

Pendant Mount Regular Canopy Kit CLS-PM-RJ-B/SG/W

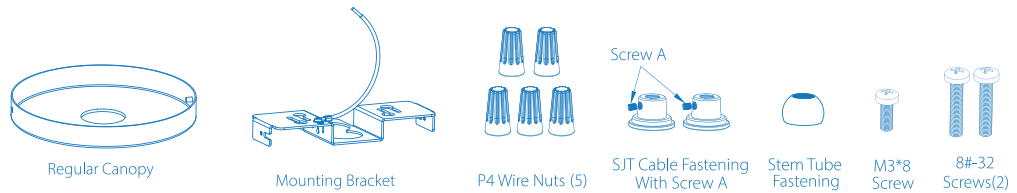


Fig. D

Pendant Mount Deeper Canopy Kit CLS-PM-SJ-B/SG/W

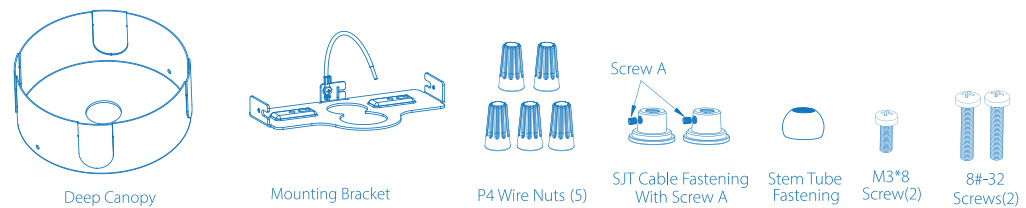


Fig. E

Pendant Stem CLS-STEM-B/SG/W-1FT

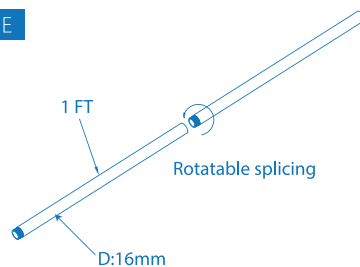


Fig. F

Pendant SJT Cord CLS-SJT-185-B/W-7FT CLS-SJT-185-B/W-12FT

