

LED Commercial Downlight

Selectable 5 Wattage and 5 Color Temperature (CCT)



■ Plaster Frame Ver.



■ Architectural Frame Ver.



■ Architectural Remodel Frame Ver.



QUICK FEATURES

- Selectable 5 Wattage & 5 CCT LED Commercial Recessed Downlight
- Three types of LED Commercial frame
- 4, 6, 8 and 10 inch Commercial frame & reflector sizes
- Connectors allow easy connection between Driver and Light module
- Dimmable to 10% with most standard 0-10V dimmers
- Wet location / Non-IC / cUL listed / Energy Star certified
- Lifetime of 50,000 hours / 5 year warranty

PERFORMANCE DATA

Input Voltage	120-277V
Frequency	50 / 60Hz
T Ambient	-30°C ~ 40°C (-22°F ~ 104°F)

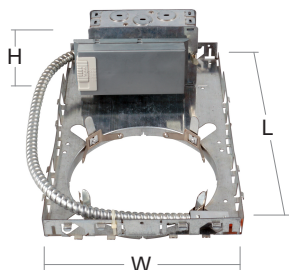
(all values at 25°C without a dimming control in circuit)

DIMMER LIST _ 0-10V Dimming

Mfr	Model #	Dimming Rate
Lutron	NFTV	10 - 100%
Lutron	NTSTV-DV	10 - 100%
Legrand	CD4FBLW	10 - 100%
Leviton	1P710-DL	10 - 100%

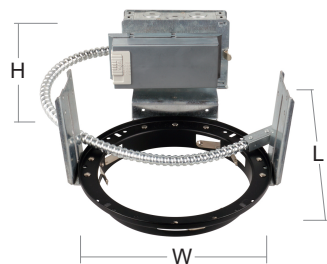
FRAME with DRIVER

Plaster frame



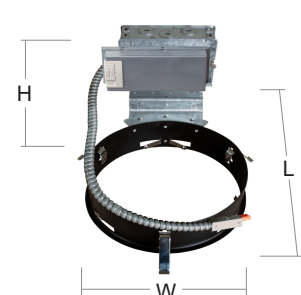
Inch	Model NO.	Dimension (L x W x H)
4 inch	CLED4P-5WT	12-1/8" x 7-5/8" x 3-3/4"
6 inch	CLED6P-5WT	12-1/8" x 7-5/8" x 3-3/4"
8 inch	CLED8P-5WT	12-1/2" x 9" x 3-3/4"
10 inch	CLED10P-5WT	13-5/8" x 13-1/8" x 3-3/4"

Architectural frame



Inch	Model NO.	Dimension (L x W x H)
4 inch	CLED4A-5WT	12-1/8" x 12-1/4" x 5-5/8"
6 inch	CLED6A-5WT	12-1/8" x 11-3/4" x 5-3/8"
8 inch	CLED8A-5WT	13-1/4" x 13" x 5-3/8"
10 inch	CLED10A-5WT	14-1/4" x 14" x 5-7/8"

Architectural Remodel frame



Inch	Model NO.	Dimension (L x W x H)
4 inch	CLED4AR-5WT	12-1/4" x 4-1/2" x 6-1/2"
6 inch	CLED6AR-5WT	11" x 6-1/4" x 6-7/8"
8 inch	CLED8AR-5WT	12-3/4" x 7-3/4" x 6-7/8"

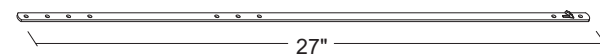
Features

- Consisted of Galvanized steel
- Selectable 5 wattage with built-in switch on the driver
- Junction box is mounted on the frame for easy wire access and driver installation and replacement
- Architectural frame is with C channel and flat hanger bars (ordered separately) for tie down to ceiling grids

Hanger Bar Options

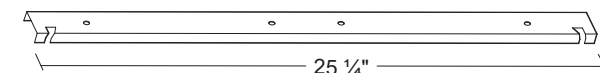
1. Flat Hanger Bar

- For use with CLED-#A architectural frame in T-bar, grid of concealed spline ceilings
- Spans 24" ceiling grid, Actual length : 27"
- Set of two Hanger bars for commercial frames



2. C-Channel Hanger Bar

- For use with CLED-#A architectural frame in grid ceiling
- Provides firm, no-sag installation with 24" spacing (actual length 25-1/4")
- Notched for placement on inverted T-bar ceilings
- Set of two Hanger bars for commercial frames



Driver

- 4 inch Frame with Driver Kit : 27W, 23W, 17W, 11W, 08W
- 6 inch Frame with Driver Kit : 47W, 41W, 30W, 19W, 14W
- 8 inch Frame with Driver Kit : 53W, 44W, 33W, 21W, 16W
- 10 inch Frame with Driver Kit : 64W, 56W, 42W, 27W, 20W



LIGHT MODULE

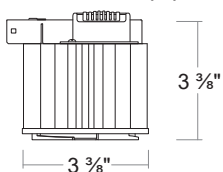


Features

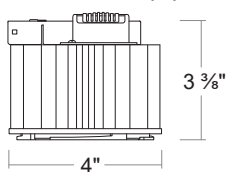
- Effective heat dissipation with aluminum heat sink
- Selectable 5 CCT with built-in switch on the connector
- Easily and securely attach to seamless integration of multiple reflectors with twist lock
- PHSL-433-5CCT Max wattage - 27W
PHSL-633-5CCT Max wattage - 47W
PHSL-833-5CCT Max wattage - 53W
PHSL-1033-5CCT Max wattage - 64W

※ Each size of light modules should be used with dedicated driver

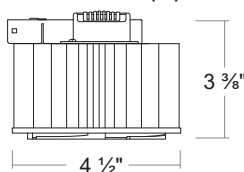
PHSL-433-5CCT (4")



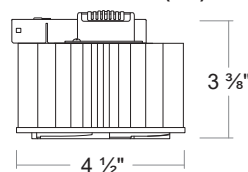
PHSL-633-5CCT (6")



PHSL-833-5CCT (8")



PHSL-1033-5CCT (10")



REFLECTOR



With spring clip

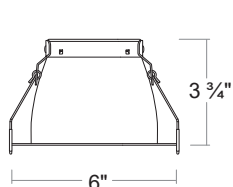


Without spring clip

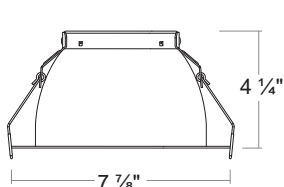
Features

- Self-flanged aluminum reflector
- Light module is assembled into the reflector by twist lock system
- Finish - HZW : Haze reflector / White ring
- HZ : Haze reflector / White ring
- WW : White reflector / White ring
- CW : Clear reflector / White ring

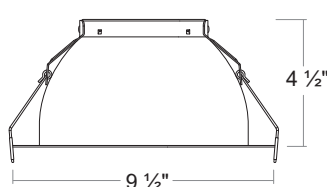
PRLK-400 (4")



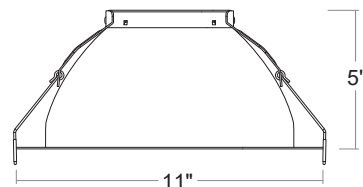
PRLK-600 (6")



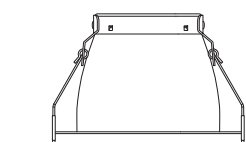
PRLK-800 (8")



PRLK-1000 (10")



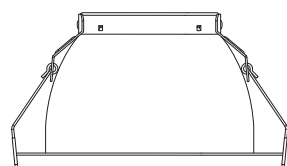
POSSIBLE COMBINATION



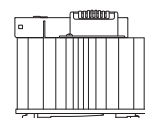
PRLK-400



PHSL-433-5CCT



PRLK-600



PHSL-633-5CCT

PRLK-800

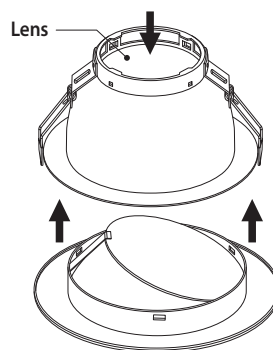


PHSL-833-5CCT

PRLK-1000

PHSL-1033-5CCT

ASSEMBLE WALL WASH



How to Install

- Pull out reflector lens as drawing
- Assemble Wall wash



LIGHT SOURCE TEST TABLE

4 inch Haze Reflector + 4 inch Light Module CRI 80

Wattage	2700 K	3000 K	3500 K	4000 K	5000 K
27 W	1770 lm	1850 lm	1940 lm	2010 lm	1980 lm
23 W	1580 lm	1630 lm	1680 lm	1720 lm	1750 lm
17 W	1270 lm	1300 lm	1330 lm	1360 lm	1380 lm
11 W	860 lm	880 lm	910 lm	930 lm	960 lm
08 W	660 lm	680 lm	700 lm	710 lm	730 lm

6 inch Haze Reflector + 6 inch Light Module CRI 80

Wattage	2700 K	3000 K	3500 K	4000 K	5000 K
47 W	3190 lm	3310 lm	3420 lm	3520 lm	3610 lm
41 W	2880 lm	3000 lm	3120 lm	3230 lm	3340 lm
30 W	2330 lm	2400 lm	2490 lm	2560 lm	2640 lm
19 W	1590 lm	1640 lm	1700 lm	1770 lm	1840 lm
14 W	1260 lm	1300 lm	1330 lm	1370 lm	1410 lm

8 inch Haze Reflector + 8 inch Light Module CRI 80

Wattage	2700 K	3000 K	3500 K	4000 K	5000 K
53 W	3370 lm	3430 lm	3470 lm	3510 lm	3510 lm
44 W	3020 lm	3070 lm	3110 lm	3120 lm	3100 lm
33 W	2480 lm	2500 lm	2510 lm	2510 lm	2480 lm
21 W	1690 lm	1710 lm	1730 lm	1740 lm	1750 lm
16 W	1330 lm	1340 lm	1340 lm	1350 lm	1350 lm

10 inch Haze Reflector + 10 inch Light Module CRI 80

Wattage	2700 K	3000 K	3500 K	4000 K	5000 K
64 W	4910 lm	5030 lm	5190 lm	5320 lm	5490 lm
56 W	4700 lm	4690 lm	4670 lm	4720 lm	4790 lm
42 W	3480 lm	3540 lm	3600 lm	3670 lm	3730 lm
27 W	2320 lm	2370 lm	2420 lm	2480 lm	2530 lm
20 W	1810 lm	1840 lm	1870 lm	1900 lm	1940 lm

4 inch Haze Reflector + 4 inch Light Module CRI 90

Wattage	2700 K	3000 K	3500 K	4000 K	5000 K
27 W	1390 lm	1440 lm	1490 lm	1530 lm	1580 lm
23 W	1250 lm	1290 lm	1330 lm	1370 lm	1400 lm
17 W	990 lm	1020 lm	1050 lm	1070 lm	1100 lm
11 W	670 lm	690 lm	710 lm	720 lm	740 lm
08 W	520 lm	530 lm	540 lm	550 lm	570 lm

6 inch Haze Reflector + 6 inch Light Module CRI 90

Wattage	2700 K	3000 K	3500 K	4000 K	5000 K
47 W	2620 lm	2730 lm	2840 lm	2930 lm	3090 lm
41 W	2410 lm	2490 lm	2590 lm	2670 lm	2790 lm
30 W	1890 lm	1950 lm	2010 lm	2060 lm	2130 lm
19 W	1290 lm	1320 lm	1360 lm	1390 lm	1440 lm
14 W	990 lm	1020 lm	1050 lm	1070 lm	1110 lm

8 inch Haze Reflector + 8 inch Light Module CRI 90

Wattage	2700 K	3000 K	3500 K	4000 K	5000 K
53 W	3050 lm	3100 lm	3220 lm	3320 lm	3510 lm
44 W	2690 lm	2760 lm	2860 lm	2930 lm	3030 lm
33 W	2120 lm	2170 lm	2240 lm	2300 lm	2370 lm
21 W	1450 lm	1480 lm	1520 lm	1560 lm	1610 lm
16 W	1110 lm	1140 lm	1170 lm	1190 lm	1230 lm

10 inch Haze Reflector + 10 inch Light Module CRI 90

Wattage	2700 K	3000 K	3500 K	4000 K	5000 K
64 W	4460 lm	4530 lm	4630 lm	4690 lm	4760 lm
56 W	4050 lm	4110 lm	4180 lm	4240 lm	4310 lm
42 W	3210 lm	3260 lm	3310 lm	3360 lm	3430 lm
27 W	2180 lm	2200 lm	2250 lm	2280 lm	2330 lm
20 W	1720 lm	1720 lm	1740 lm	1770 lm	1810 lm

ORDERING INFORMATION

CLED Series _LED Commercial Frame with Driver (Conduit connected to J-box director)

Series (inch)	Frame	5WT 5 Wattage Selectable Driver	Voltage	Dimming
CLED4 (4 inch)	P - Plaster	4 inch Driver - 27, 23, 17, 11, 08W	120-277V	0-10V Dimming
CLED6 (6 inch)	A - Architectural	6 inch Driver - 47, 41, 30, 19, 14W		
CLED8 (8 inch)	AR - Architectural Remodel	8 inch Driver - 53, 44, 33, 21, 16W		
CLED10 (10 inch)		10 inch Driver - 64, 56, 42, 27, 20W		

ex) CLED4P-5WT : 4" LED Commercial Plaster frame / 4" 5WT Driver - 27, 23, 17, 11, 08W / 120-277V / 0-10V Dimming / Conduit connected to J-box director

PHSL Series _Light Module (Heat sink / Twist lock)

Series (inch)	Dedicated Driver	5CCT 5 CCT Selectable Module
PHSL-433 (4 inch)	4 inch Driver	2700, 3000, 3500, 4000, 5000K
PHSL-633 (6 inch)	6 inch Driver	
PHSL-833 (8 inch)	8 inch Driver	
PHSL-1033 (10 inch)	10 inch Driver	

ex) PHSL-433-5CCT : 4" 5CCT Module / 2700, 3000, 3500, 4000, 5000K / Heat sink / Twist lock

PRLK Series _Reflector (Spring clips / Twist lock)

Series (inch)	Finish Color	Reflector Color	Ring Color
PRLK-400 (4 inch)	HW	Haze	White
PRLK-600 (6 inch)	HZ	Haze	Haze
PRLK-800 (8 inch)	WW	White	White
PRLK-1000 (10 inch)	CW	Clear	White

ex) PRLK-600CW : 6" Reflector / Clear Reflector / White Ring / Spring clips / Twist lock

