

LED Luminaires

ProLED Select Commercial Downlight Series

- Wattage Selectable
- Five CCT Selectable
- 0-10V Dimming
- 90+ CRI for Superior Color Rendering
- ETL Listed for Wet Locations

Specifications



Description

The ProLED Select Commercial Downlight Series is an energy efficient, premium performing solution for commercial lighting applications. This product features an internal driver compartment, an 18 inch pre installed conduit lead and robust universal spring clips which eliminate the need for a traditional recessed housing. The ProLED Select Commercial Downlight Series are Wattage and CCT selectable, 90+ CRI and are 0-10V dimmable which makes them the ideal all-in-one solution for retrofit and new construction projects.

Performance

- Selectable color temperatures 2700K, 3000K, 3500K, 4000K, 5000K
- <99 lumens per watt
- 90+ CRI
- L70 lumen maintenance > 50,000 Hours
- 0-10V dimming
- 120-277VAC input
- 5 year limited warranty

Construction

- Aluminum housing with smooth white trim
- Diffused polycarbonate lens
- Robust universal steel spring clips
- 18 Inch pre-installed conduit lead
- 18 Inch pre-installed safety cable

Certifications

- ETL listed for wet locations
- IC rated
- ETL listed
- ENERGY STAR® certified
- Title 24 compliant

ProLED Select Commercial Downlight Series

Product Description

Ordering Logic

Series	Product Size	Wattage	CCT	Voltage
CDL = Commercial Downlight	4 = 4 Inch 6 = 6 Inch 8 = 8 Inch 10 = 10 Inch	WS = Wattage Selectable 7W, 10W, 13W 10W, 15W, 22W 12W, 20W, 30W 20W, 30W, 40W	CS = Color Selectable2 700K/3000K/3500K /4000K/5000K	U = 120-277VAC

Ordering Information

Product SKU	Product Code	Product Description
88984	CDL4-WS-CS-U	4" ProLED Select Commercial Downlight
88985	CDL6-WS-CS-U	6" ProLED Select Commercial Downlight
88986	CDL8-WS-CS-U	8" ProLED Select Commercial Downlight
88987	CDL10-WS-CS-U	10" ProLED Select Commercial Downlight

Option

Product Sku	Product Code	Product Description
90313	BBU/EM9WU	Emergency Battery Back Up 9W 120-277V 90 minute 0-10V Dimming

ProLED Select Commercial Downlight Series

Specifications Table

	CDL4-WS-CS-U	CDL6-WS-CS-U	CDL8-WS-CS-U	CDL10-WS-CS-U
Nominal Wattage	7W, 10W, 13W Selectable	10W, 15W, 22W Selectable	12W, 20W, 30W Selectable	20W, 30W, 40W Selectable
Delivered Lumens	591lm - 1170lm	822lm - 1853lm	1084lm - 2640lm	1743lm - 3157lm
Efficacy (lm/W)	82LPW - 94LPW	80LPW - 92LPW	81LPW - 99LPW	77LPW - 93LPW
CCT	2700K, 3000K, 3500K, 4000K, 5000K Selectable			
CRI	90+			
L70 Lifetime (hrs)	50,000			
Voltage	120-277VAC			
Power Factor	>0.9			
Dimming	0-10V			
Housing Material	Aluminum			
Lens	Diffused Polycarbonate			
Operating Temperature	-4°F - 104°F			
Listings	ETL, Energystar			
Environment	ETL Listed for Wet Locations			
Warranty	5 years Standard			

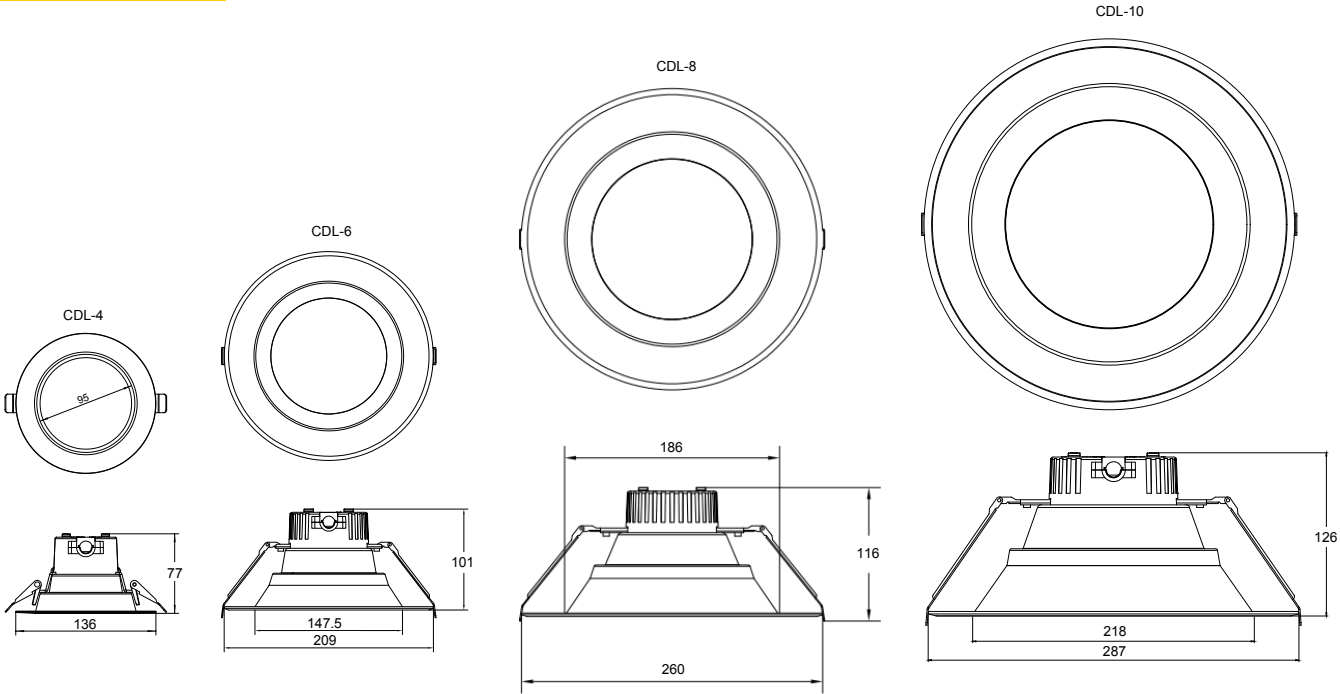
Performance Table

Product Code	Selectable Wattage	2700K	3000K	3500K	4000K	5000K
		Lumen Output (lm)	Lumen Output (lm)	Lumen Output (lm)	Lumen Output (lm)	Lumen Output (lm)
CDL4-WS-CS-U	7W	591	621	640	645	656
	10W	847	882	910	923	918
	13W	1063	1118	1161	1170	1159
CDL6-WS-CS-U	10W	822	833	842	833	924
	15W	1219	1227	1242	1243	1384
	22W	1769	1811	1853	1812	1822
CDL8-WS-CS-U	12W	1084	1119	1160	1177	1189
	20W	1707	1765	1853	1851	1818
	30W	2440	2514	2630	2640	2538
CDL10-WS-CS-U	20W	1743	1771	1832	1851	1837
	30W	2316	2371	2469	2483	2427
	40W	3068	3157	3146	3143	3019

LED Luminaires

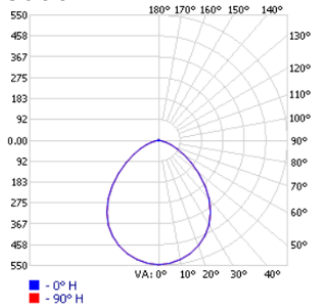
ProLED Select Commercial Downlight Series

Dimensions



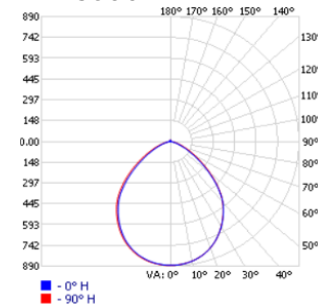
Photometrics

CDL4-WS-CS-U - Set to 13W 3500K



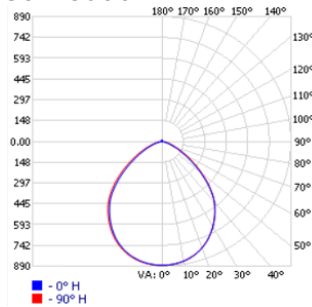
Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Luminaire
0-30	409.5	35.3%	35.3%
0-40	649.4	55.9%	56%
0-60	1,016.1	87.5%	87.7%
60-90	130.9	11.3%	11.3%
70-100	44.1	3.8%	3.8%
90-120	3.1	0.3%	0.3%
0-90	1,147.0	98.8%	99%
90-180	11.9	1%	1%

CDL6-WS-CS-U - Set to 22W 3500K



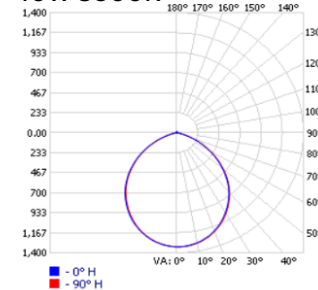
Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Luminaire
0-30	670.7	36.2%	36.2%
0-40	1,067.8	57.6%	57.6%
0-60	1,670.5	90.1%	90.1%
60-90	166.1	9%	9%
70-100	47.2	2.5%	2.5%
90-120	3.8	0.2%	0.2%
0-90	1,836.6	99.1%	99.1%
90-180	17.0	0.9%	0.9%

CDL8-WS-CS-U - Set to 30W 3500K



Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Luminaire
0-30	670.7	36.2%	36.2%
0-40	1,067.8	57.6%	57.6%
0-60	1,670.5	90.1%	90.1%
60-90	166.1	9%	9%
70-100	47.2	2.5%	2.5%
90-120	3.8	0.2%	0.2%
0-90	1,836.6	99.1%	99.1%
90-180	17.0	0.9%	0.9%

CDL10-WS-CS-U - Set to 40W 3500K



Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Luminaire
0-30	1,009.1	32.1%	32.1%
0-40	1,624.4	51.6%	51.6%
0-60	2,714.5	86.3%	86.3%
60-90	402.9	12.8%	12.8%
70-100	110.6	3.5%	3.5%
90-120	7.6	0.2%	0.2%
0-90	3,117.4	99.1%	99.1%
90-180	28.8	0.9%	0.9%