

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

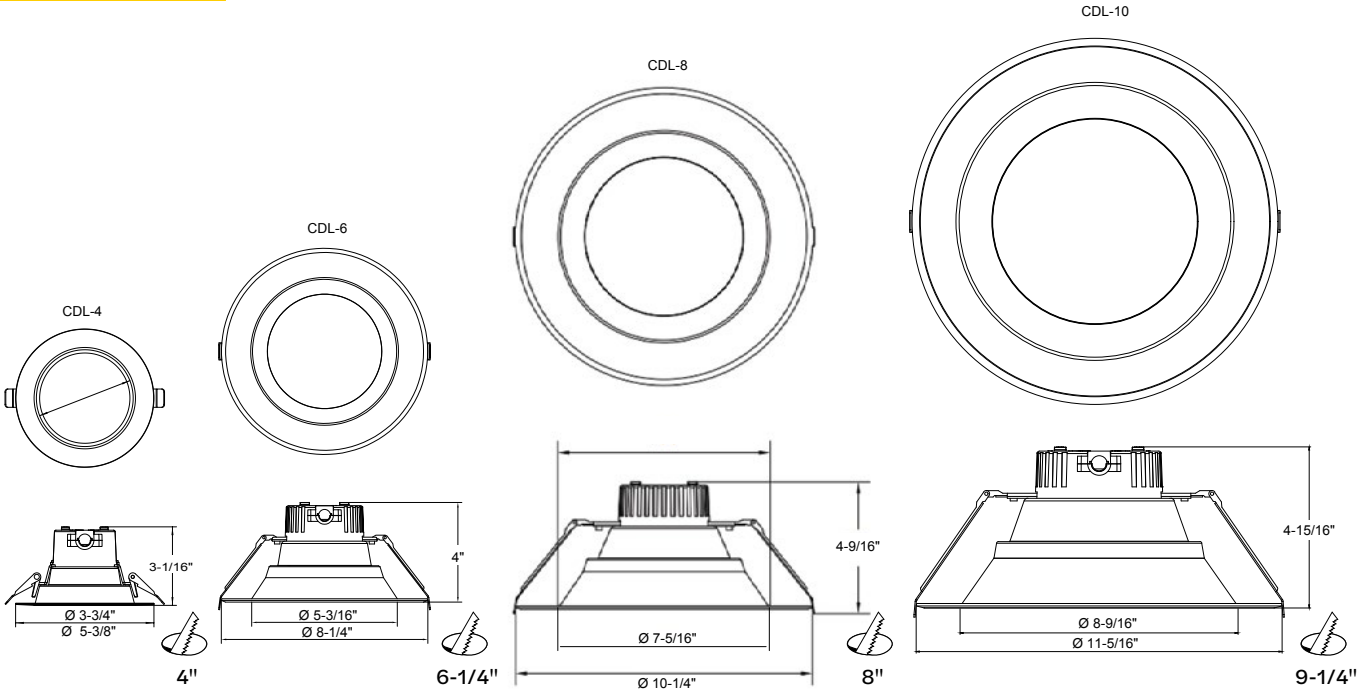
### Performance Table

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

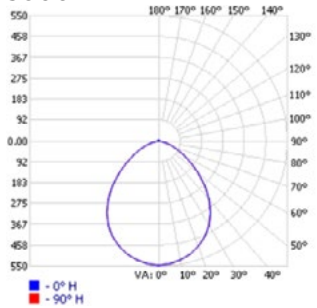
## ProLED Select Commercial Downlight Series

### Dimensions



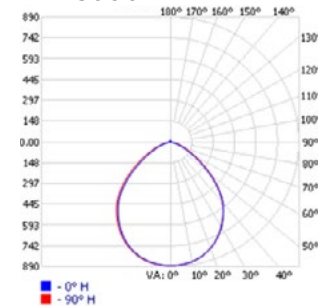
### Photometrics

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



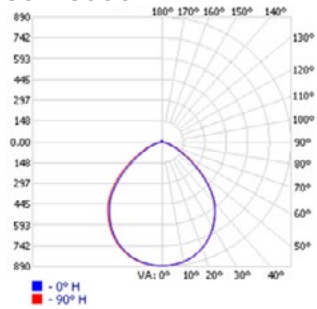
Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Luminaires
0-30	409.5	35.3%	35.3%
0-40	649.4	55.9%	56%
0-60	1,016.1	87.5%	87.7%
60-90	130.9	11.3%	11.3%
70-100	44.1	3.8%	3.8%
90-120	3.1	0.3%	0.3%
0-90	1,147.0	98.8%	99%
90-180	11.9	1%	1%

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



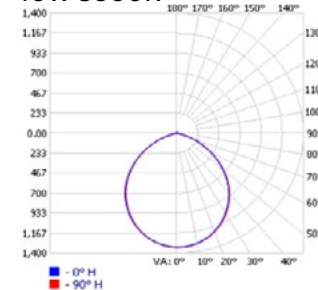
Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Luminaires
0-30	670.7	36.2%	36.2%
0-40	1,067.8	57.6%	57.6%
0-60	1,670.5	90.1%	90.1%
60-90	166.1	9%	9%
70-100	47.2	2.5%	2.5%
90-120	3.8	0.2%	0.2%
0-90	1,836.6	99.1%	99.1%
90-180	17.0	0.9%	0.9%

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



Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Luminaires
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	% Luminaires
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%