

6" Surface Downlights



ProLED® Surface Downlights are a long life and energy efficient replacement for traditional lamps. Our 4" and 6" platforms are easy to install and are ideal for diverse mounting requirements. They deliver a maintenance-free environment for their 40,000-hour useful rated life. With its superior LED technology and performance, the ProLED Surface Downlights deliver consistent color, uniform illumination, and a low-profile impression for your lighting design. Applications include: home, office, lobby, hospitality, conference room. ProLED Surface Downlights are backed by a 5-year warranty.

Performance Specifications

CRI	80	Min. Start Temp.	-30°C (-22°F)
Rated Life	40,000 hours	Max. Operating Temp.	40°C (104°F)
Watt	11/15W	Power Factor	>98%
Lumens	920/1250lm	Warranty	5-Year
Lumens per Watt (LPW)	84	Control	Dimmable to 10%
Input Line Voltage	120V	Weight	0.48 lb
Input Line Frequency	60 Hz		

Energy Savings

Traditional Incandescent	Replacement LED	Energy Savings
65W	11W	83%

Construction

- 40,000 hour life results in lower maintenance costs over time
- Lamp is UL approved for wet locations
- Rated for indoor use only
- RoHS Compliant
- Dimmable to 10%

Installation

- Mounts to standard junction box with easy to install snap-fit bracket
- Mounts in 5" and 6" recessed housings with optional housing mounting springs (included)
- Pre-wired E26 socket assembly included, GU24 adapter available

Electrical

- 120V Input
- 50/60 Hz Input frequency
- Dimmable to 10%
- Power Factor >98%

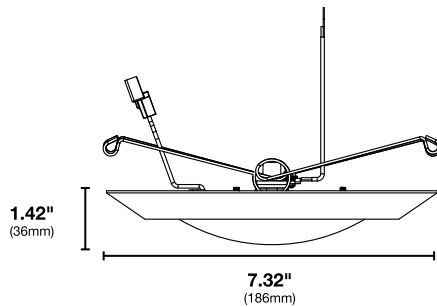
Ordering Information



Watt	Product #	Product Code	Volts	Color Temp.	CRI	Lumen Output	Useful Life*	Dimmable	Aperture Size	Equivalent Wattage
11	99871	SDL6FR11/827/LED2	120	920	80	920	40,000	Yes	6"	65
11	99872	SDL6FR11/830/LED2	120	920	80	920	40,000	Yes	6"	65
11	99873	SDL6FR11/840/LED2	120	920	80	920	40,000	Yes	6"	65
11	99874	SDL6FR11/850/LED2	120	920	80	920	40,000	Yes	6"	65
15	99881	SDL6FR15/827/LED2	120	1250	80	1250	40,000	Yes	6"	120
15	99882	SDL6FR15/830/LED2	120	1250	80	1250	40,000	Yes	6"	120
15	99883	SDL6FR15/840/LED2	120	1250	80	1250	40,000	Yes	6"	120
15	99884	SDL6FR15/850/LED2	120	1250	80	1250	40,000	Yes	6"	120

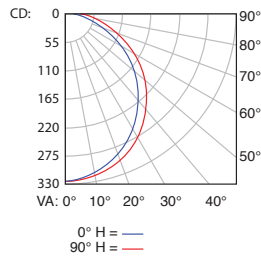
* Useful Life is defined as the point in time at which the lamp will maintain at least 70% of its initial lumens.

Dimensions



Photometrics

99871, SDL6FR11/827/LED2



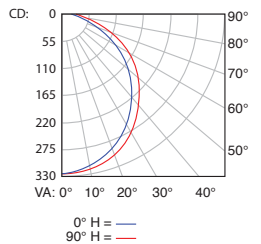
LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	30.6	3.3%	90-100	7.8	0.8%
10-20	87.2	9.4%	100-110	0.2	0%
20-30	130.8	14.2%	110-120	0.000	0%
30-40	155.8	16.9%	120-130	0.000	0%
40-50	159.7	17.3%	130-140	0.000	0%
50-60	143.1	15.5%	140-150	0.000	0%
60-70	109.8	11.9%	150-160	0.000	0%
70-80	68.0	7.4%	160-170	0.000	0%
80-90	30.8	3.3%	170-180	0.000	0%

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	248.7	26.9%	26.9%
0-40	404.5	43.8%	43.8%
0-60	707.3	76.6%	76.6%
60-90	208.6	22.6%	22.6%
70-100	106.5	11.5%	11.5%
90-120	7.9	0.9%	0.9%
0-90	915.9	99.1%	99.1%
90-180	7.9	0.9%	0.9%
0-180	923.9	100%	100%

99872, SDL6FR11/830/LED2



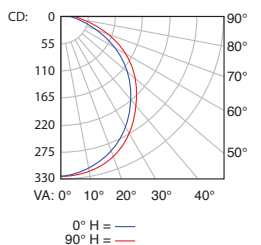
LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	30.6	3.3%	90-100	7.8	0.8%
10-20	87.2	9.4%	100-110	0.2	0%
20-30	130.8	14.2%	110-120	0.000	0%
30-40	155.8	16.9%	120-130	0.000	0%
40-50	159.7	17.3%	130-140	0.000	0%
50-60	143.1	15.5%	140-150	0.000	0%
60-70	109.8	11.9%	150-160	0.000	0%
70-80	68.0	7.4%	160-170	0.000	0%
80-90	30.8	3.3%	170-180	0.000	0%

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	248.7	26.9%	26.9%
0-40	404.5	43.8%	43.8%
0-60	707.3	76.6%	76.6%
60-90	208.6	22.6%	22.6%
70-100	106.5	11.5%	11.5%
90-120	7.9	0.9%	0.9%
0-90	915.9	99.1%	99.1%
90-180	7.9	0.9%	0.9%
0-180	923.9	100%	100%

99873, SDL6FR11/840/LED2



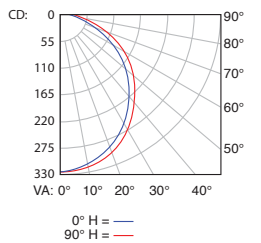
LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	30.6	3.3%	90-100	7.8	0.8%
10-20	87.2	9.4%	100-110	0.2	0%
20-30	130.8	14.2%	110-120	0.000	0%
30-40	155.8	16.9%	120-130	0.000	0%
40-50	159.7	17.3%	130-140	0.000	0%
50-60	143.1	15.5%	140-150	0.000	0%
60-70	109.8	11.9%	150-160	0.000	0%
70-80	68.0	7.4%	160-170	0.000	0%
80-90	30.8	3.3%	170-180	0.000	0%

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	248.7	26.9%	26.9%
0-40	404.5	43.8%	43.8%
0-60	707.3	76.6%	76.6%
60-90	208.6	22.6%	22.6%
70-100	106.5	11.5%	11.5%
90-120	7.9	0.9%	0.9%
0-90	915.9	99.1%	99.1%
90-180	7.9	0.9%	0.9%
0-180	923.9	100%	100%

99874, SDL6FR11/850/LED2



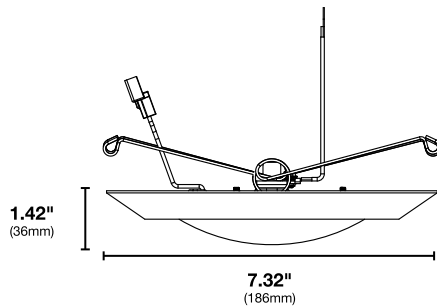
LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	30.6	3.3%	90-100	7.8	0.8%
10-20	87.2	9.4%	100-110	0.2	0%
20-30	130.8	14.2%	110-120	0.000	0%
30-40	155.8	16.9%	120-130	0.000	0%
40-50	159.7	17.3%	130-140	0.000	0%
50-60	143.1	15.5%	140-150	0.000	0%
60-70	109.8	11.9%	150-160	0.000	0%
70-80	68.0	7.4%	160-170	0.000	0%
80-90	30.8	3.3%	170-180	0.000	0%

ZONAL LUMEN SUMMARY

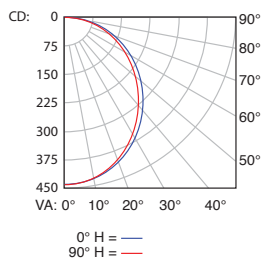
ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	248.7	26.9%	26.9%
0-40	404.5	43.8%	43.8%
0-60	707.3	76.6%	76.6%
60-90	208.6	22.6%	22.6%
70-100	106.5	11.5%	11.5%
90-120	7.9	0.9%	0.9%
0-90	915.9	99.1%	99.1%
90-180	7.9	0.9%	0.9%
0-180	923.9	100%	100%

Dimensions



Photometrics

99881, SDL6FR15/827/LED2



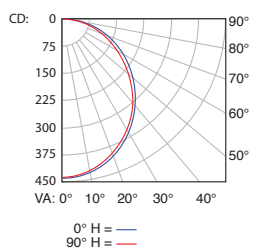
LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	41.6	3.3%	90-100	10.0	0.8%
10-20	118.6	9.4%	100-110	0.2	0%
20-30	178.0	14.2%	110-120	0.000	0%
30-40	212.1	16.9%	120-130	0.000	0%
40-50	217.4	17.3%	130-140	0.000	0%
50-60	194.9	15.5%	140-150	0.000	0%
60-70	149.6	11.9%	150-160	0.000	0%
70-80	92.3	7.3%	160-170	0.000	0%
80-90	41.3	3.3%	170-180	0.000	0%

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	338.3	26.9%	26.9%
0-40	550.4	43.8%	43.8%
0-60	962.7	76.6%	76.7%
60-90	283.1	22.5%	22.5%
70-100	143.5	11.4%	11.4%
90-120	10.1	0.8%	0.8%
0-90	1,245.9	99.2%	99.2%
90-180	10.1	0.8%	0.8%
0-180	1,256.0	100%	100%

99882, SDL6FR15/830/LED2



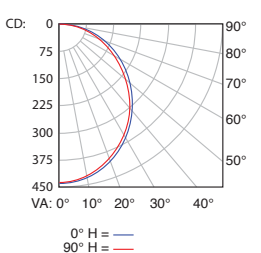
LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	41.6	3.3%	90-100	10.0	0.8%
10-20	118.6	9.4%	100-110	0.2	0%
20-30	178.0	14.2%	110-120	0.000	0%
30-40	212.1	16.9%	120-130	0.000	0%
40-50	217.4	17.3%	130-140	0.000	0%
50-60	194.9	15.5%	140-150	0.000	0%
60-70	149.6	11.9%	150-160	0.000	0%
70-80	92.3	7.3%	160-170	0.000	0%
80-90	41.3	3.3%	170-180	0.000	0%

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	338.3	26.9%	26.9%
0-40	550.4	43.8%	43.8%
0-60	962.7	76.6%	76.7%
60-90	283.1	22.5%	22.5%
70-100	143.5	11.4%	11.4%
90-120	10.1	0.8%	0.8%
0-90	1,245.9	99.2%	99.2%
90-180	10.1	0.8%	0.8%
0-180	1,256.0	100%	100%

99883, SDL6FR15/840/LED2



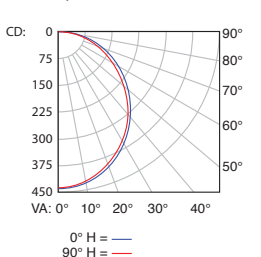
LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	41.6	3.3%	90-100	10.0	0.8%
10-20	118.6	9.4%	100-110	0.2	0%
20-30	178.0	14.2%	110-120	0.000	0%
30-40	212.1	16.9%	120-130	0.000	0%
40-50	217.4	17.3%	130-140	0.000	0%
50-60	194.9	15.5%	140-150	0.000	0%
60-70	149.6	11.9%	150-160	0.000	0%
70-80	92.3	7.3%	160-170	0.000	0%
80-90	41.3	3.3%	170-180	0.000	0%

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	338.3	26.9%	26.9%
0-40	550.4	43.8%	43.8%
0-60	962.7	76.6%	76.7%
60-90	283.1	22.5%	22.5%
70-100	143.5	11.4%	11.4%
90-120	10.1	0.8%	0.8%
0-90	1,245.9	99.2%	99.2%
90-180	10.1	0.8%	0.8%
0-180	1,256.0	100%	100%

99884, SDL6FR15/850/LED2



LUMENS PER ZONE

ZONE	LUMENS	% TOTAL	ZONE	LUMENS	% TOTAL
0-10	41.6	3.3%	90-100	10.0	0.8%
10-20	118.6	9.4%	100-110	0.2	0%
20-30	178.0	14.2%	110-120	0.000	0%
30-40	212.1	16.9%	120-130	0.000	0%
40-50	217.4	17.3%	130-140	0.000	0%
50-60	194.9	15.5%	140-150	0.000	0%
60-70	149.6	11.9%	150-160	0.000	0%
70-80	92.3	7.3%	160-170	0.000	0%
80-90	41.3	3.3%	170-180	0.000	0%

ZONAL LUMEN SUMMARY

ZONE	LUMENS	% LAMP	% LUMINAIRE
0-30	338.3	26.9%	26.9%
0-40	550.4	43.8%	43.8%
0-60	962.7	76.6%	76.7%
60-90	283.1	22.5%	22.5%
70-100	143.5	11.4%	11.4%
90-120	10.1	0.8%	0.8%
0-90	1,245.9	99.2%	99.2%
90-180	10.1	0.8%	0.8%
0-180	1,256.0	100%	100%