Halco LIGHTING TECHNOLOGIES

DATE: | LOCATION:

TYPE: | PROJECT:

CATALOG #:

LED Luminaires

ProLED Select Surface Downlight Series

- Five CCT selectable
- Surface mount directly to J-box
- Dimmable to 10%
- 90+ CRI for superior color rendering
- ETL listed for wet location

Specifications

Description

The ProLED Select Surface Mount Downlight features an efficient, installer friendly design that provides a modern look in any application. These Downlights are CCT Selectable, 90 CRI and ETL listed for wet locations to make this product one of the most versatile fixtures on the market. This ProLED Select Surface Mount Downlight provides an extremely easy install for both new construction and retrofit projects.

Performance

- Selectable color temperatures 2700K, 3000K, 3500K, 4500K, 5000K
- <86 lumens per watt
- 90+ CRI
- L70 lumen maintenance > 50,000 Hours
- Triac dimming
- 120VAC input
- 5 Year limited warranty

Certifications

- ETL listed for wet locations
- IC rated
- Energy Star certified
- Title 24 compliant
- Suitable for use in closets when installed in accordance with NFPA 70, NEC section 410.16 (A)(3) and 410.16 (C)(5)

Construction

- Steel housing with smooth white trim
- Diffused polycarbonate lens
- Low profile housing

PIR Motion Sensor

- PIR motion sensor features easy to adjust stand by intervals of 1 min, 5 min and 10 min.
- Motion Sensor product is non-dimmable
- The motion sensor can detect motion up to 13ft diameter when mounted at 8ft

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ProLED Select Surface Downlight Series

Product Description

Ordering Logic: Ex: SDL6-15-CS-MS

Series	-	Product Size	-	Wattage	-	CCT	-	Options
SDL = Surface Downlight		**4** = 4 Inch **6** = 6 Inch **8** = 8 Inch		**10** = 10 Watts **15** = 15 Watts **20** = 20 Watts		**CS** = Color Selectable 2700K/3000K/3500K/ 4000K/5000K		**MS** = Motion Sensor (available on 6 Inch product)

Ordering Information

Stock SKU's		
Product SKU	**Product Code**	**Product Description**
82993	SDL4-10-CS	ProLED Select Surface Downlight 4" 10W 650lm CCT Selectable
82994	SDL6-15-CS	ProLED Select Surface Downlight 6" 15W 1050lm CCT Selectable
82995	SDL8-20-CS	ProLED Select Surface Downlight 8" 20W 1500lm CCT Selectable
82996	SDL6-15-CS-MS	ProLED Select Surface Downlight 6" 15W 1050lm CCT Selectable with Motion Sensor

Performance Table

		2700K	3000K	3500K	4000K	5000K
Product Code	**Selectable Wattage**	**Lumen Output (lm)**	**Lumen Output (lm)**	**Lumen Output (lm)**	**Lumen Output (lm)**	**Lumen Output (lm)**
SDL4-10-CS	10W	612	721	744	733	677
SDL6-15-CS	15W	1188	1255	1270	1290	1274
SDL8-20-CS	20W	1507	1618	1636	1665	1644
SDL6-15-CS-MS	15W	1052	1121	1136	1149	1134

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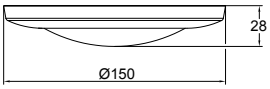
ProLED Select Surface Downlight Series

Specifications Table

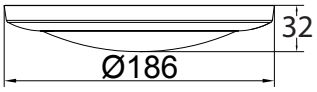
	SDL4-10-CS	SDL6-15-CS	SDL8-20-CS	SDL6-15-CS-MS
Nominal Wattage	10W	15W	20W	15W
Delivered Lumens	612lm - 744lm	1188lm - 1290lm	1507lm - 1665lm	1052lm - 1159lm
Efficacy (lm/W)	61LPW - 75LPW	79LPW - 86LPW	75LPW - 83LPW	70LPW - 77LPW
CCT	2700K, 3000K, 3500K, 4000K, 5000K Selectable			
CRI	90+			
L70 Lifetime (hrs)	50,000			
Voltage	120VAC			
Power Factor	>0.9			
Dimming	Triac Dimming (Motion Sensor product is non-dimmable)			
Housing Material	Steel			
Lens	Diffused Polycarbonate			
Operating Temperature	-4°F - 104°F			
Listings	ETL, Energystar			
Environment	ETL Listed for Wet Locations			
Warranty	5 years Standard			

Dimensions

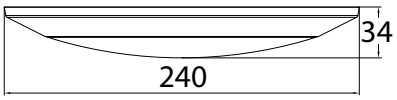
82993
SDL4-10-CS-4" 10W



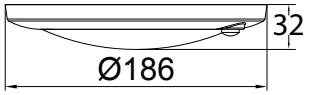
82994
SDL6-15-CS-6" 15W



82995
SDL8-20-CS-8" 20W



82996
SDL6-15-CS-MS-6" 15W



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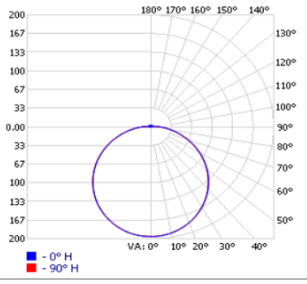
ProLED Select Surface Downlight Series

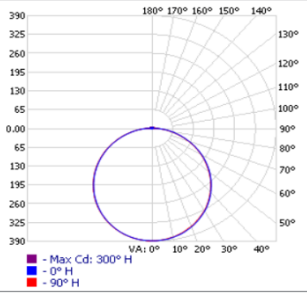
Photometrics

SDL4-10-CS - Set to 2700K



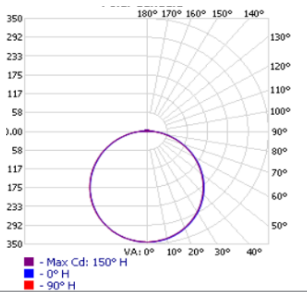
Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Luminaire
0-30	152.1	24.8%	24.8%
0-40	249.5	40.7%	40.7%
0-60	445.9	72.8%	72.8%
60-90	152.9	25%	25%
70-100	83.2	13.6%	13.6%
90-120	8.0	1.3%	1.3%
0-90	598.7	97.7%	97.7%
90-180	13.9	2.3%	2.3%
0-180	612.6	100%	100%

SDL6-15-CS - Set to 2700K



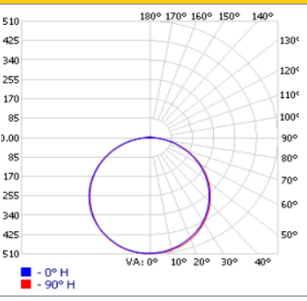
Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Luminaire
0-30	300.8	25.3%	25.3%
0-40	493.0	41.5%	41.5%
0-60	877.4	73.8%	73.8%
60-90	284.3	23.9%	23.9%
70-100	147.2	12.4%	12.4%
90-120	14.3	1.2%	1.2%
0-90	1,161.7	97.7%	97.7%
90-180	27.0	2.3%	2.3%
0-180	1,188.7	100%	100%

SDL8-20-CS - Set to 2700K



Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Luminaire
0-30	392.8	26.1%	26.1%
0-40	642.8	42.7%	42.7%
0-60	1,140.3	75.7%	75.7%
60-90	347.3	23%	23%
70-100	167.6	11.1%	11.1%
90-120	9.9	0.7%	0.7%
0-90	1,487.6	98.7%	98.7%
90-180	19.3	1.3%	1.3%
0-180	1,506.9	100%	100%

SDL6-15-CS-MS - Set to 2700K



Zonal Lumen Summary			
Zone	Lumens	% Lamp	% Luminaire
0-30	266.1	25.3%	25.3%
0-40	436.2	41.4%	41.4%
0-60	776.4	73.7%	73.8%
60-90	251.9	23.9%	23.9%
70-100	130.5	12.4%	12.4%
90-120	12.6	1.2%	1.2%
0-90	1,028.3	97.7%	97.7%
90-180	24.4	2.3%	2.3%
0-180	1,052.7	100%	100%

Dimmer Compatability List

Dimmer Brand	Dimmer Model
LUTRON	DVWCL-153PH-LA
LUTRON	CTCL-153PR-WH
LUTRON	CTCL-150H-WH
LUTRON	DVW-603PGH-WH
LUTRON	DVLV-603P-IV
LUTRON	DVCL-163P-WH
LUTRON	CT-600PR-WH
LUTRON	CT-103PR-WH
LUTRON	CT-603PGH-WH
LUTRON	CT-600PR-WH
LUTRON	SLV-600P-WH
LUTRON	S-600P
LUTRON	S-603P
LUTRON	NT-1000
LUTRON	S-600PR-WH
LUTRON	DV-600P
LEVITON	6674
LEVITON	6633-P
LEVITON	6672
LEVITON	IPL06

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