

SLM6S

SLIMLED™

6" Square LED Slim Profile Recess Retrofit, 12W,
Airtight
Recess Lighting

Job Information		
Project Name		Type
Location		
Quantity		Date
Contact/Phone		
Notes		

Features

Body

Durable airtight aluminum body with etched white polycarbonate diffuser lens for low glare.

LED Characteristics

This general application light fixture features a 12.1 watt LED module that maintains uniform intensity producing up to 670 lumens; with a typical CRI of 82. Available in 3000°K or 4000°K colour temperature.

Dimming

100%-10% dimming capability. This fixture is compatible with industry standard TRIAC/ELV dimmers (contact factory for listing of compatible dimmers).

Beam Spread

The fixture lens provides 120° beam spread.

Mounting

Includes two spring loaded clips to attached to any ceiling material. The slim profile allows to be mounted under joists or duct work.

LED Driver

Extruded aluminum hardwire box with 300mA dimmable class II electronic LED driver with 100-135V AC input. Includes an 18" cable from driver to fixture.

Quick Connect push-in terminals

Three "Quick connect" push-in terminals for fast and easy wiring.

Operating Temperature

-20°C~40°C (-4°F~104°F)

Environment

- Suitable for damp locations.
- Suitable for insulated ceiling applications.

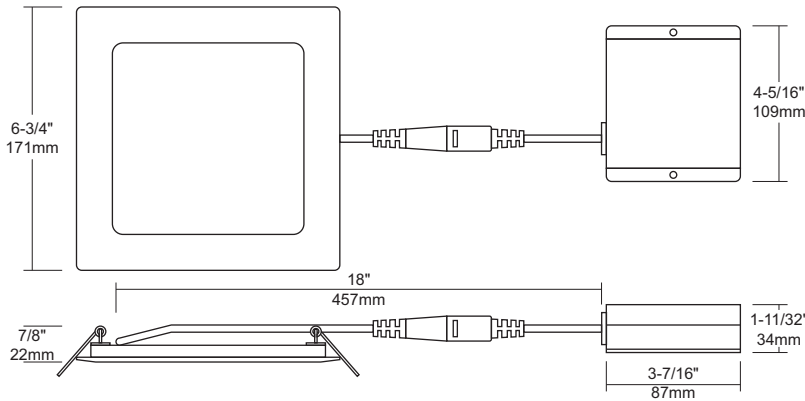
SPECIFICATION

Application	Ceiling Recess Mount
Approved Location	Damp
Beam Angle	120°
CCT	3000°K / 4000°K
Certification	cETLus
Class II	Yes
Colour	BK / BN / WH
CRI	82
Dimming	Yes
Dimming Tech	TRIAC/ELV
Energy Star	Yes
Input	100-135V AC, 60Hz, 0.11A
LM79	Yes
LM80	Yes
Lumens	670
Lumens per Watt	55.2
Power Factor	>0.9
Projected Life	70% @ 50,000 hrs
Warranty	Lifetime
Wattage	12.1W



Description

The SLM6S is a 12 watt 6" slim profile light fixture for recess retrofit application. It is a high-performance, easy to install residential grade downlight solution that offers good light output, energy-efficiency and streamlined design. Suitable for damp locations. For use in soffits.



Notes: Accessories are sold separately. For additional options please consult your Liteline representative. Due to our continued efforts to improve our products, product specifications are subject to change without notice.

Ordering Guide

SLM6S -	Colour Temperature	Trim Finish
	<input type="text"/> 30 : 3000°K 40 : 4000°K	<input type="text"/> BK : Black BN : Brushed Nickel WH : White

Accessories



SLM-60-FC

60" Flexible connector, for use with SlimLED fixtures.



P-6020S

6-1/4" Square pre-mounting plate for SlimLED square fixtures.

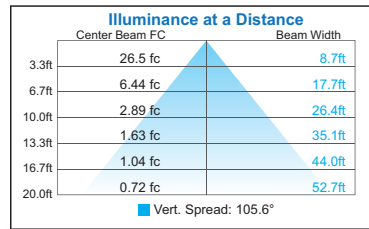
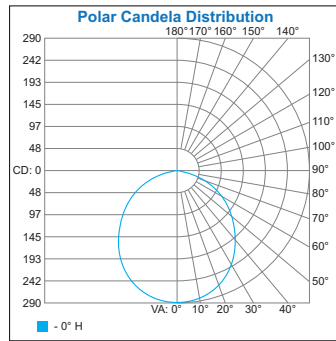


Photometry

SLM6S-30 : 4" SlimLED, 3000°K.

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	222.0	29%
0-40	358.7	46.9%
0-60	616.6	80.6%
60-90	148.7	19.4%
70-100	60.3	7.9%
90-120	0	0%
0-90	765.3	100%
90-180	0	0%
0-180	765.3	100%



Compatible Dimmers

Brand	Model	Maximum Number of Fixtures per Dimmer
Lutron	DVELV-300P	24
	SELV-300P	24
	NTELV-300	24
	NTELV-600	48
	MAELV-600	48
	MRF2-6ND-120	12
	DV600	8
	D-600P	8
	HxD-6ND	
	SZ-6ND	
PHPM-PA with Grafik Eye QS Main Unit		
Leviton	VPE04	12
	6615	22
	VPE06	45
	VRE06	45
	6672	4
	6674	4
Cooper	IPE04	10
	SAL06P-W-K	10
Pass & Seymour	HCL453PTC	30
	HCL453PW	30
	H703-PTU set to f	7
	H703-PTU set to R	50