

SLM6

SLIMLED®

6" Round LED Slim Profile Recess Retrofit, 12W,
Wet Location
Recess Lighting

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

Features

Body

Durable airtight aluminum body with UV stable paint and white PMMA diffuser lens for low glare. Includes silicone gasket for wet location applications.

LED Characteristics

This general application light fixture features a 12 watt LED module that maintains uniform intensity producing up to 910 lumens; with a typical CRI of 90. Available in 2700 K, 3000 K, 3500 K or 4000 K color 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 hardware box with 300mA dimmable class II electronic LED driver with 100-135V AC input. Includes an 18" plenum rated FT6 wire with DC 2.1 connector 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 wet locations.
- Suitable for insulated ceiling applications.

SPECIFICATION	
Application	Ceiling Recess Mount
Approved Location	Wet / Insulated Ceilings
Beam Angle	120°
CCT	2700 K / 3000 K / 3500 K / 4000 K
Certification	cETLus
Class II	Yes
Color	BK / BN / SL / WH
CRI	90
Dimming	Yes
Dimming Tech	TRIAC/ELV
Energy Star	Yes
Hole Cut	Ø 6 3/16" (157mm)
Input	100-135V AC, 60Hz, 0.11A
LM79	Yes
LM80	Yes
Lumens	Up to 880 / 890 / 900 / 910 (based on WH)
Lumens per Watt	Up to 73 / 74 / 75 / 75 (based on WH)
Power Factor	>0.9
Projected Life	70% @ 50,000 hrs
Warranty	Lifetime
Wattage	12W

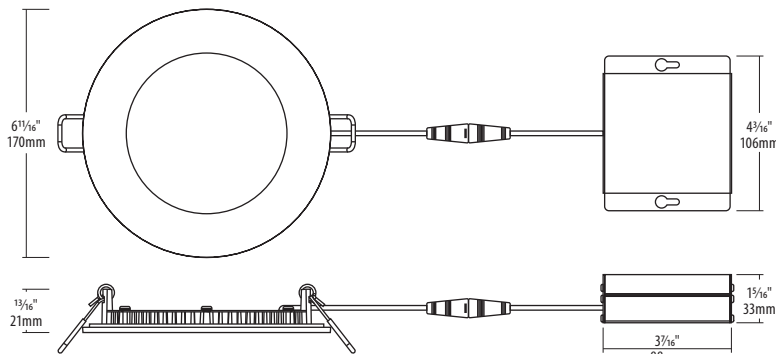


Description

The SLM6 is a 12 watt 6" slim profile light fixture for recess retrofit application. It is a high-performance, easy to install downlight solution that offers good light output, energy-efficiency and streamlined design. Suitable for wet locations.



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

Color Temperature	Driver Options	Trim Finish
SLM6 - []	[]	[]
27 : 2700 K 30 : 3000 K 35 : 3500 K 40 : 4000 K	Leave blank for standard 120V driver E : Lutron Hi-Lume® 1% (EcoSystem®) EM : Emergency Backup, 120~277V, 0-10V C : 120~347V, 0-10V	BK : Black BN : Brushed Nickel SL : Silver WH : White

Accessories



SLM-60-FC

60" Flexible connector, for use with SlimLED fixtures.



P-6020

6¼" Round pre-mounting plate with driver attachment clip, for 6" SlimLED wet location fixtures.



P-NCMK-1

Hanger bar kit. Includes hanger bars, brackets and screws.



VBE-1

Vapour barrier extender. For use in new construction applications.



VBE-3

Vapour barrier extender. For use in remodel applications.



VBE-4

Vapour barrier extender. For use in remodel applications.



SLM6-XLRING-WH

Extra large trim ring for 6" round SlimLED, plastic, white.

SLM6-3020DTW

SLIMLED®

6" Round Dim-To-Warm LED Slim Profile Recess
Retrofit, 12W, Wet Location
Recess Lighting

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

Features

Body

Durable airtight aluminum body with UV stable paint and white PMMA diffuser lens for low glare. Includes silicone gasket for wet location applications.

LED Characteristics

This general application light fixture features a 12 watt LED module that maintains uniform intensity producing up to 670 lumens; with a typical CRI of 90. Available in 3000 K color temperature.

Dimming

Color temperature dimming from 3000 K to 2000 K. 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" plenum rated FT6 wire with DC 2.1 connector from driver to fixture.

Quick Connect push-in terminals

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

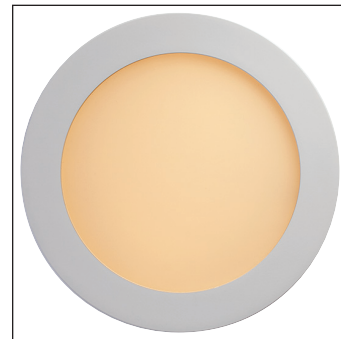
Operating Temperature

-20°C~40°C (-4°F~104°F)

Environment

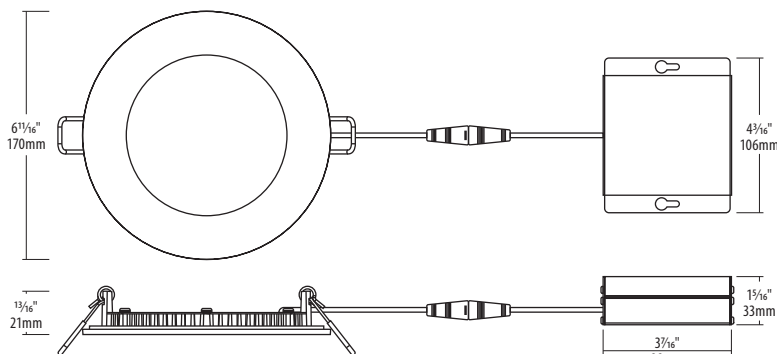
- Suitable for wet locations.
- Suitable for insulated ceiling applications.

SPECIFICATION	
Application	Ceiling Recess Mount
Approved Location	Wet / Insulated Ceilings
Beam Angle	120°
CCT	3000 K~2000 K
Certification	cETLus
Class II	Yes
Color	BK / BN / WH
CRI	90
Dimming	Yes
Dimming Tech	TRIAC/ELV
Hole Cut	Ø 6 3/16" (157mm)
Input	100-135V AC, 60Hz, 0.11A
LM79	Yes
LM80	Yes
Lumens	Up to 670
Lumens per Watt	Up to 60
Power Factor	>0.9
Projected Life	70% @ 50,000 hrs
Warranty	Lifetime
Wattage	12W



Description

The SLM6-3020DTW is a 12 watt 6" dim-to-warm slim profile light fixture for recess retrofit application. It is a high-performance, easy to install downlight solution that offers good light output, energy-efficiency and streamlined design. Suitable for wet locations.



JA8
TITLE 24



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

Driver Options	Trim Finish
SLM6-3020DTW - []	[]
Leave blank for standard 120V driver	BK : Black
E : Lutron Hi-Lume® 1% (EcoSystem®)	BN : Brushed Nickel
EM : Emergency Backup, 120~277V, 0-10V	WH : White
C : 120~347V, 0-10V	

Accessories



SLM-60-FC

60" Flexible connector, for use with SlimLED fixtures.



P-6020

6¼" Round pre-mounting plate with driver attachment clip, for 6" SlimLED wet location fixtures.



P-NCMK-1

Hanger bar kit. Includes hanger bars, brackets and screws.



VBE-1

Vapour barrier extender. For use in new construction applications.



VBE-3

Vapour barrier extender. For use in remodel applications.



VBE-4

Vapour barrier extender. For use in remodel applications.



SLM6-XLRING-WH

Extra large trim ring for 6" round SlimLED, plastic, white.

SLM6F

SLIMLED™

6" Round LED Slim Profile Recess Retrofit Fixture,
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. Includes a DC 2.1 twist-and-lock connector.

LED Characteristics

This general application light fixture features a 12 watt LED module that maintains uniform intensity producing up to 840 lumens; with a typical CRI of 82. Available in 3000°K or 4000°K colour temperature.

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.

Operating Temperature

-20°C~40°C (-4°F~104°F)

Environment

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

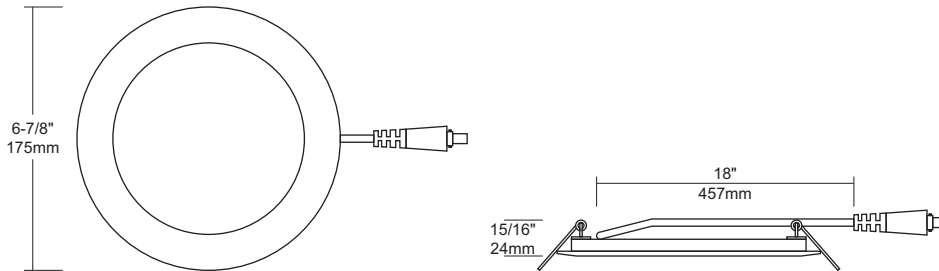
SPECIFICATION

Application	Ceiling Recess Mount
Approved Location	Damp
Beam Angle	120°
CCT	3000°K / 4000°K
Certification	cETLus
Colour	BK / BN / WH
Compatible Driver	SLM-DVR-12W
CRI	82
Dimming	Yes
Energy Star	Yes
Hole Cut	Ø 6-3/16" (157mm)
LM79	Yes
LM80	Yes
Lumens	Up to 820 / 840 (based on WH)
Lumens per Watt	Up to 67.7 / 69.4 (based on WH)
Projected Life	70% @ 50,000 hrs
Warranty	Lifetime
Wattage	12W



Description

The SLM6 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.



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

Colour Temperature	Trim Finish
SLM6F-12W	
30K : 3000°K 40K : 4000°K	BK : Black BN : Brushed Nickel WH : White

* Requires 12W LED hardwire box (SLM-DVR-12W) – sold separately.

Accessories



SLM-60-FC
60" Flexible connector, for use with SlimLED fixtures.



P-NCMK-1
New construction mounting kit. Includes hanger bars, brackets and screws.



VBE-4
Vapour barrier extender. For use in remodel applications.



SLM-DVR-12W
12W LED hardwire box, required for use with SLM6F series.



VBE-1
Vapour barrier extender. For use in new construction applications.



SLM6-XLRING-WH
Extra large trim ring for 6" round SlimLED, plastic, white.



P-6020
6-1/4" Round pre-mounting plate with driver attachment clip, for 6" SlimLED round fixtures.

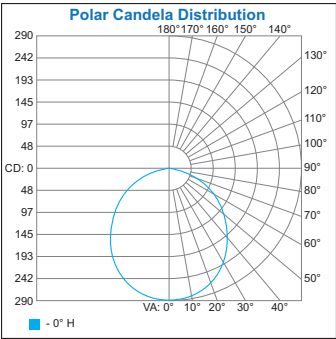


VBE-3
Vapour barrier extender. For use in remodel applications.

Photometry

SLM6F-30 : 6" Round 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%



Illuminance at a Distance		
Center Beam FC	Beam Width	
3.3ft	26.5 fc	8.7ft
6.7ft	6.44 fc	17.7ft
10.0ft	2.89 fc	26.4ft
13.3ft	1.63 fc	35.1ft
16.7ft	1.04 fc	44.0ft
20.0ft	0.72 fc	52.7ft

■ Vert. Spread: 105.6°