

MLED

MicroLED Light with Aluminum Recessed Gimbal Plate, 24V
Cabinet, Cove, Display & Millwork

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

Gimbal Plate Features

Body Construction

The body is constructed from machined aluminum, available in painted or anodized finish.

Light Control

The tilting gimbal center provides angular positioning of the light, 30° vertical tilt and 360° horizontal rotation for directional lighting.

Mounting

The gimbal plate is provided with two (for 1-light) or four (for 2, 3 and 4-light) spring clips that pull the plate flush to the surface for a secure mounting. Suitable for recessed mount only. 3/8" maximum mounting thickness.

Fixture Features

Body Construction

The body is constructed from machined aluminum with two torsion clips. Suitable for indoor recessed applications only.

Power Consumption

This fixture operates on 24V constant voltage. See page 2 for driver option.

Light Output

This accent light is available in warm white 3000 K colour temperature or cool white 5500 K colour temperature, which provides up to 106 lumens per fixture.

Dimming

The LED lamp supports 100~1% dimmable functionality when used with dimmable driver.

LED Characteristics

Powered by 1.2 watt LED chip that maintains uniform intensity with 70% lumens at 35,000 hours average life; with a minimum CRI of 90.

Beam Spread

The fixture lens provides customized lighting with available 15, 30, 45 or 60 degree beam spreads.

Linking

Each fixture provided with 22 AWG 2-SPL wire for hardwiring to other fixtures and driver. Use wire type and gauge suitable for application to connect fixtures.

Applications

With its micro size, this fixture is suitable for use in cabinet lighting, bulkheads, furniture lighting, display case lighting and accent lighting.

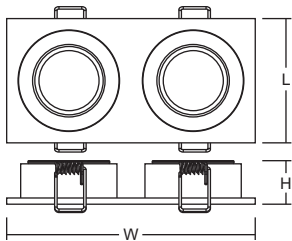


Description

This MicroLED light with aluminum recessed gimbal plate used for undercabinet applications and provides directional lighting functionality. Available in 1, 2, 3 and 4-light options.

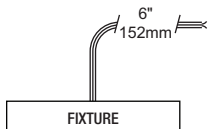


Notes: Accessories are sold separately. For additional options please consult your Liteline representative. Due to our continued efforts to improve our products, product specifications are subject to change without notice.



Gimbal Plate	Measurements			
	L	W	H	Hole Cut
MLED-1S	2 3/8" (60mm)	2 3/8" (60mm)	1 3/16" (21mm)	Ø 2 1/8" (54mm)
MLED-2L	2 3/8" (60mm)	4 7/16" (113mm)	1 3/16" (21mm)	2 1/8" x 4 1/8" (54mm x 105mm)
MLED-3L	2 3/8" (60mm)	6 1/16" (167mm)	1 3/16" (21mm)	2 1/8" x 6 1/4" (54mm x 159mm)
MLED-4L	2 3/8" (60mm)	8 1 1/16" (221mm)	1 3/16" (21mm)	2 1/8" x 8 5/16" (54mm x 211mm)
MLED-4S	4 7/16" (113mm)	4 7/16" (113mm)	1 3/16" (21mm)	4 1/8" x 4 1/8" (105mm x 105mm)

Hardwire Linking



Ordering Guide

MLED -	Plate	-	2	Beam Spread		Colour Temperature		Voltage	90	Fixture Colour	
	1S : 1 Light Square 2L : 2 Light Linear 3L : 3 Light Linear 4L : 4 Light Linear 4S : 4 Light Square			S : Spot (15°) N : Narrow (30°) M : Medium (45°) W : Wide (60°)		30 : 3000 K 55 : 5500 K		24 : 24 volts		ABK : Anodized Black AL : Brushed Aluminum FWH : Flat White	

Compatible Drivers

Non Dimming Class II

Plug-In Drivers

**LED-DVR-24V-24W**

LED 24V, 24W Plug-in Driver with DC 2.1 jack. Maximum 9 units.

LED-DVR-24V-36W

LED 24V, 36W Plug-in Driver with DC 2.1 jack. Maximum 14 units.

LED-DVR-24V-60W

LED 24V, 60W Plug-in Driver with DC 2.1 jack. Maximum 24 units.

Power feed required

**LED-HWB-DC21-6-PF**

DC 2.1 to bare leads power feed. Maximum 15' to first fixture.
* Power feed required for all drivers with DC 2.1 jack.

Hardwire Drivers

**LED-HWB-24V-24W**

LED 24V, 24W Hard wire Box LED Driver with DC 2.1 jack. Maximum 9 units.

LED-HWB-24V-36W

LED 24V, 36W Hard wire Box LED Driver with DC 2.1 jack. Maximum 14 units.

LED-HWB-24V-60W

LED 24V, 60W Hard wire Box LED Driver with DC 2.1 jack. Maximum 24 units.

Power feed required

**LED-HWB-DC21-6-PF**

DC 2.1 to bare leads power feed. Maximum 15' to first fixture.
* Power feed required for all drivers with DC 2.1 jack.

Dimming Class II

Electronic Hardwire Drivers – DC 2.1 – Powered by Lutron®

**LED-HWB-DIM2-24-40**

40W LED dimmable hardwire driver with DC 2.1 jack. 2-wire, 24V, powered by Lutron® Hi-Lume® 1% 2-wire 120V LED driver. Maximum 20 units.

LED-HWB-DIM3-24-40

40W LED dimmable hardwire driver with DC 2.1 jack. 3-wire, 24V, powered by Lutron® Hi-Lume® 1% Ecosystem/3-wire LED driver. Maximum 20 units.

Power feed required

**LED-HWB-DC21-6-PF**

DC 2.1 to bare leads power feed. Maximum 10' to first fixture.
* Power feed required for all drivers with DC 2.1 jack.

Electronic Hardwire Drivers – Hardwire

**HWB-DIM-EDC-24V-25W**

25W dimmable electronic hardwire driver, 24V. Maximum 12 units.

**HWB-DIM-EDC-24V-50W**

50W dimmable electronic hardwire driver, 24V. Maximum 25 units.

**HWB-DIM-EDC-24V-96W**

96W dimmable electronic hardwire driver, 24V. Maximum 48 units.