

MLED

MicroLED Light with Aluminum Recessed Gimbal Plate, 24V
Cove, Under Cabinet & 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 2700 K, 3000 K, 3500 K, 4000 K and 5500 K color temperatures, which provides up to 102 lumens per fixture.

Dimming

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

LED Characteristics

Powered by a 1.4 watt LED chip that maintains uniform intensity with 70% lumens at 50,000 hours average life; with a minimum CRI of 90.

Beam Spread

The fixture lens provides customized lighting with available 20, 30, 40 or 50 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, accent lighting and drywall. Approved for direct contact with insulation.

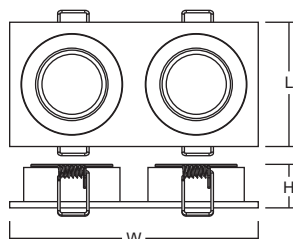
SPECIFICATION

Beam Angle	20°/30°/40°/50°
CCT (±5%)	2700 K / 3000 K / 3500 K / 4000 K / 5500 K
CRI (Typical)	90+
Dimming	Yes
Dimming Tech	As per power supply
Efficacy (Lm/W)	97
Environment	Indoor, Damp
Input Voltage	24V DC
Projected Life	50,000 hrs
Lumen (±5%)	Up to 102
Power Supply Type	Constant Voltage
Warranty	3-Year
Wattage (±5%)	1.4W



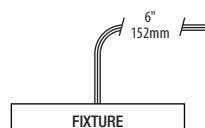
Description

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.



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 1/16" (221mm)	1 3/16" (21mm)	2 1/8" x 8 1/16" (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

Plate	Beam Spread	Color Temperature	Voltage	Fixture Color
MLED - 1			90	
1S : 1 Light Square	S : Spot (20°)	27 : 2700 K	24 : 24 volts	ABK : Anodized Black
2L : 2 Light Linear	N : Narrow (30°)	30 : 3000 K		AL : Brushed Aluminum
3L : 3 Light Linear	M : Medium (40°)	35 : 3500 K		FWH : Flat White
4L : 4 Light Linear	W : Wide (50°)	40 : 4000 K		
4S : 4 Light Square		55 : 5500 K		

Highlighted option denotes QuickShip.

Notes: Accessories are sold separately. For additional options please consult your Liteline representative.

QuickShip option is available on orders of 100 pieces or less, and will ship within 7 business days. Options must be selected from QuickShip section to qualify. Due to our continued efforts to improve our products, product specifications are subject to change without notice.

Compatible Drivers

OnCloud

OnCloud Driver Kit

**OC-HWB-60WUCP-1C**

100-240VAC, 60W, 1-Channel 24VDC OnCloud driver kit, powers and controls wireless dimming and on/off capability through WiZ app, Room Controller and smart speakers.

OnCloud Adapter

**LC-DVR-CV96W1UCP-1C**

24V, 1-Channel OnCloud adapter, controls dimming and on/off capability through WiZ app, Room Controller and smart speakers.

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.

Non Dimming Class II

Plug-In Drivers

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

LED 24V, 24W Plug-in Driver with DC 2.1 jack. Maximum 6 units.

LED-DVR-24V-36W

LED 24V, 36W Plug-in Driver with DC 2.1 jack. Maximum 8 units.

LED-DVR-24V-60W

LED 24V, 60W Plug-in Driver with DC 2.1 jack. Maximum 15 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 6 units.

LED-HWB-24V-36W

LED 24V, 36W Hard wire Box LED Driver with DC 2.1 jack. Maximum 9 units.

LED-HWB-24V-60W

LED 24V, 60W Hard wire Box LED Driver with DC 2.1 jack. Maximum 16 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.

Accessories

**LED-DIM 24V**

LED touch dimmer, 24V, for use with non-dimming drivers.

**LED-SP-4**

Optional harness for up to 4 runs, 24V.

Dimming Class II

Electronic Hardwire Drivers – Hardwire

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

25W dimmable electronic hardwire driver, 24V. Maximum 8 units.

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

50W dimmable electronic hardwire driver, 24V. Maximum 16 units.

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

96W dimmable electronic hardwire driver, 24V. Maximum 30 units.

Accessories

**LED-SP-4**

Optional harness for up to 4 runs, 24V.

**LC-CRTL-3WAY-1**

OnCloud Smart 3-Way Switch, 2.4GHz.

**LC-CRTL-DIM-1**

OnCloud Smart Control with Dimmer, 2.4GHz.