

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

# MLED

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

## 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. 5/8" 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 139.5 lumens per fixture.

### Dimming

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

### LED Characteristics

Powered by 2 watt LED chip that maintains uniform intensity with 70%

lumens at 50,000 hours average life; with a minimum CRI of 80.

### 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.

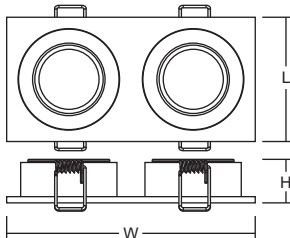


## Description

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.

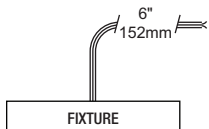


**Notes:** Accessories are sold separately. For additional options please consult your Liteline representative. Due to our continued efforts to improve our products, product specifications are subject to change without notice.



Gimbal Plate	Measurements		
	L	W	Hole Cut
MLED-1S2-3/8"	60mm	2-3/8" (60mm)	13/16" (21mm)
MLED-2L2-3/8"	60mm	4-7/16" (113mm)	13/16" (21mm)
MLED-3L2-3/8"	60mm	6-9/16" (167mm)	13/16" (21mm)
MLED-4L2-3/8"	60mm	8-11/16" (221mm)	13/16" (21mm)
MLED-4S4-7/16"	113mm	4-7/16" (113mm)	13/16" (21mm)

## Hardwire Linking



## Ordering Guide

MLED -  -  -  -  -  -

**Plate**  
 1S : 1 Light Square  
 2L : 2 Light Linear  
 3L : 3 Light Linear  
 4L : 4 Light Linear  
 4S : 4 Light Square

**Wattage**  
 2 : 2 watt

**Voltage**  
 24 : 24 volts

**Fixture**  
 S : Spot (15°)  
 N : Narrow (30°)  
 M : Medium (45°)  
 W : Wide (60°)

**Beam Spread**  
 30 : 3000°K  
 55 : 5500°K

**Colour Temperature**  
 ABK : Anodized Black  
 AL : Brushed Aluminum  
 FWH : Flat White

Example: MLED-4S-1M30-24-FWH

## Non Dimming Class II

### Plug-In Drivers



#### LED-DVR-24V-24W

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

#### LED-DVR-24V-36W

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

#### LED-DVR-24V-60W

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

#### 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.

### Hardwire Drivers



#### LED-HWB-24V-24W

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

#### LED-HWB-24V-36W

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

#### LED-HWB-24V-60W

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

#### 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.

## Dimming Class II

### Electronic Hardwire Drivers – Powered by Lutron®



#### LED-HWBDM2-24-40

40W LED dimmable hardwire driver with DC 2.1 jack. 2-wire, 24V, powered by Lutron®.

#### LED-HWBDM3-24-40

40W LED dimmable hardwire driver with DC 2.1 jack. 3-wire, 24V, powered by Lutron®.

#### 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.

### Magnetic Indoor/Outdoor Hardwire Drivers



#### HWB-DIM-MDC-24V-20W

20W LED magnetic dimmable hardwire driver, 24V.

#### HWB-DIM-MDC-24V-40W

40W LED magnetic dimmable hardwire driver, 24V.

#### HWB-DIM-MDC-24V-60W

60W LED magnetic dimmable hardwire driver, 24V.

#### HWB-DIM-MDC-24V-96W

96W LED magnetic dimmable hardwire driver, 24V.



#### HWB-DIM-MDC-24V-192W

192W LED magnetic dimmable hardwire driver, 24V.

#### Optional power feeds



#### LED-HWB-DC21-6-PF

DC 2.1 to bare leads power feed.  
Maximum 10' to first fixture.



#### LED-TP-72-PF

DC 2.1 watertight connector to bare leads power feed. Maximum 10' to first fixture.