

# MicroLED

1.4 Watt, 102 lumens, 24V  
Cove, Under Cabinet & Millwork

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

## Features

### Body Construction

Constructed from Machined Aluminum, these fixtures are designed to be surface or recessed mounted. For indoor use only.

### Power Consumption

This fixture operates on 24V DC. (See page 2 for driver option)

### Light Output

This accent light available in 2700 K, 3000 K, 3500 K, 4000 K and 5500 K color temperatures, providing up to 102 lumens.

### 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

Hardwire: 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 the 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.

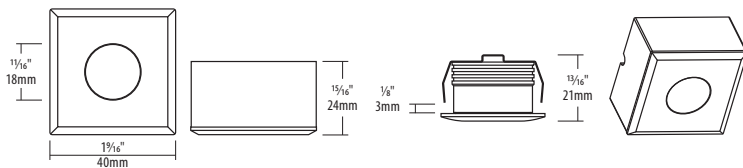
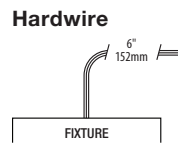
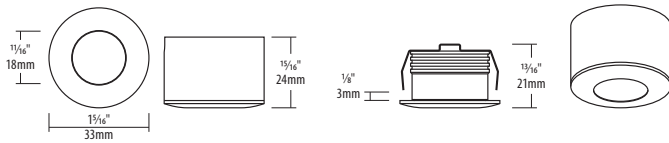
**NOTE:** For recessed mounting, minimum material thickness must be 9.5mm (3/8").

| 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 provides high quality LED illumination, with efficient accent lighting for commercial and residential decors. Ideal for surface and recessed mounting applications. Powered by 24V constant voltage power supply (sold separately).



## Ordering Guide

| Fixture Shape                         | Beam Spread  | Color Temperature  | Voltage              | Fixture Color  |
|---------------------------------------|--|--|----------------------|--|
| <b>MLED1 - 1</b>                      |  |  |                      |  |
| <b>R</b> : Round<br><b>S</b> : Square | <b>N</b> : Narrow (30°)<br><b>M</b> : Medium (40°)<br><b>S</b> : Spot (20°)<br><b>W</b> : Wide (50°) | <b>27</b> : 2700 K<br><b>30</b> : 3000 K<br><b>35</b> : 3500 K<br><b>40</b> : 4000 K<br><b>55</b> : 5500 K | <b>24</b> : 24 volts | <b>ABK</b> : Anodized Black<br><b>AL</b> : Brushed Aluminum<br><b>FWH</b> : Flat White |



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 2 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.

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## 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-CDC-24V-30W

30W dimmable electronic hardwire driver, 24V. Maximum 8 units.



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

60W dimmable electronic hardwire driver, 24V. Maximum 16 units.



##### HWB-DIM-CDC-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.