

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

WLTDS-1W

1.4W LED Asymmetric Wall Light, Square Recessed Lighting

Features

Body Construction

The body is constructed from machined aluminum which acts as a heat sink for the 1.4W LED. Fixture can be rotated 360° to a fixed position for directional asymmetrical lighting. Provided with toolless push in connector allows for daisy chain option, to be used with 18-2 AWG LVT cable (not provided). Suitable for indoor use only, dry and damp locations.

Housing

The LED asymmetric wall light is installed in an aluminum housing which allow for enclosed wiring and the fixture to be installed where insulation is present. Housing includes a strain relief to secure electrical cables and two torsion clips for enhanced rigidity to recessed surface.

Power Consumption

This fixture operate on 24V constant voltage. Remote power supply required (See back for driver options).

Voltage Drop

Contact your Liteline representative for voltage drop calculation guidelines.

Light Output

This recessed light outputs a warm white (3000K) colour temperature which provides 51 lumens.

Beam Spread

The fixture LED provides lighting with 45 degree beam spread.

Installation

When installing WLFDS-1W in an insulated wall a vapour barrier (WL-VBE sold separately) and a pre-mounting plate (P-1750 sold separately) is required.

Applications

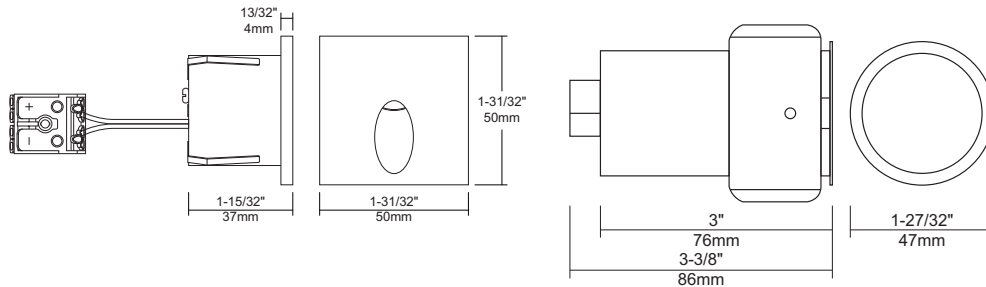
With the added directional control, this allows for multiple corridor/hallway sidewall recess lighting, in addition adding essential accent illumination for under cabinet, display and wall washing environments.

SPECIFICATION	
Approved Location	Damp
Beam Angle	45°
CCT	3000K
Certification	cETLus
CRI	80+
Cut-hole	1-3/4" (44mm)
Dimming	No
Insulation Contact	Yes
Lumen	51
Lumens per Watt	36.4
Material	Aluminum
Max. Temp.	40°C
Min. Start Temp.	-20°C
Power Supply Type	Constant Voltage
Primary Voltage	24
Projected Lumen Maintenance	70% @ 50,000 hrs
Warranty	3 Years
Watt	1.4






Description

This 1.4W asymmetric light provides quality illumination for ambient accent lighting in hallways, corridors, stairs and entrances. Powered by a 24V constant voltage power supply (sold separately). Fixture is IC rated, suitable for indoor use only.



Notes: Accessories should be ordered 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

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WLTDS-1W30K-ABK
 LED Tear Drop Square Wall Light, Anodized Black, 1.4W, 45° beam spread, 3000K.
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WLTDS-1W30K-AL
 LED Tear Drop Square Wall Light, Brushed Aluminum, 1.4W, 45° beam spread, 3000K.
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WLTDS-1W30K-FWH
 LED Tear Drop Square Wall Light, Flat White, 1.4W, 45° beam spread, 3000K.

Accessories



WL-VBE
LED Wall Light Vapour Barrier.



P-1750
1 1/4" LED Wall Light Pre-mounting Plate.



LED-HWB-DC21-6-PF
LED Wall Light Power Feed, female DC2.1 to bare leads.



LED-HWB-24V-24W
LED 24V, 24W Hard wire Box. Links up to 14 LED wall lights.



LED-HWB-24V-36W
LED 24V, 36W Hard wire Box. Links up to 21 LED wall lights.



LED-HWB-24V-60W
LED 24V, 60W Hard wire Box. Links up to 34 LED wall lights.



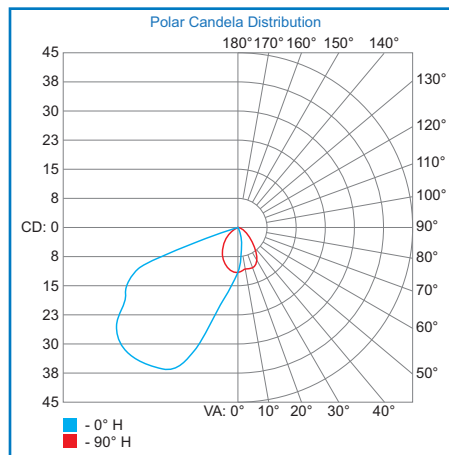
LED-HWB-24V-98W
LED 24V, 98W Hard wire Box. Links up to 56 LED wall lights.

Photometry

WLTDS-1W30K : LED tear drop square wall light, 1.4W, 3000K

Zonal Lumen Summary

Zone	Lumens %	Lamp %	Luminaire
0-30	11.0	21.8%	21.8%
0-40	20.1	39.8%	39.8%
0-60	39.2	77.5%	77.4%
60-90	11.5	22.6%	22.6%
0-90	50.6	100.1%	100%



Wiring Diagram

