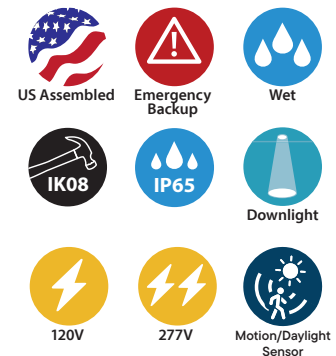
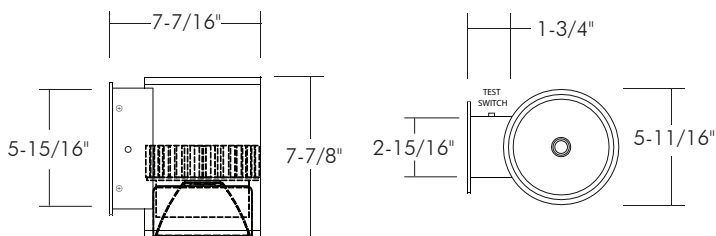


WD1362EM: 6" ROUND 1-DIRECTION

WALL EMERGENCY (IP65) 1000LM (10W)



- Illuminated Self-Diagnostic LED test switch
- Uniform, low glare illumination
- Durable, corrosion resistant finish
- Emergency back up available
- Singular COB Light Source
- 1000 lm delivered during emergency operation
- 5-year limited warranty
- IK08 Rated
- New Die-Cast Mounting Plate (-WPDC6)

ORDERING : WD1362EMW-B10UE-D10-T30-LVR

WD1362EM

Fixture	Finish	Lumen	Optics	Control	LED	Options
Finish		Optics		Control		LED
White (RAL 9003) W		<i>Standard Beams</i>		Non-Dimming (120V) Blank		4000K (90 CRI) Blank
Silver (RAL 7037) S		Wide Flood Blank		TRIAC/ELV -DIN		2700K (90 CRI) -T27
Bronze (RAL 8019) BZ		Narrow Spot -B10		Dimming (120V) UE-D10		2700K (97 CRI) -T27-C97²
Black (RAL 9005) B		Spot -B20		0-10V Dimming (120V/277V) UE-D10		3000K (90 CRI) -T30
Light Silver (RAL 7036) LS¹		Flood -B45		UniDim™ 0-10V, TRIAC/ELV Dimming (120V/277V) UE-DUN		3000K (97 CRI) -T30-C97²
Dark Grey (RAL 7015) DG¹		<i>CleanBeam™ Option</i>		1%, 0-10V Dimming (120V/277V) UE-D10P1		3500K (90 CRI) -T35
Metallic Gold (RAL 1001) MG¹		10° Pencil Beam -CB10		UniSense - Integral Motion/ Photosensor (120V) -SUN-INT⁵		5000K (90 CRI) -T50
Metallic Black (RAL 7021) MB¹		15° Clean Beam -CB15		UniSense - Integral Motion/ Photosensor (120V) -SUN-INT-1227⁵		Options
Lumen		35° Clean Beam -CB35		Casambi Wireless Dimming (120V/277V) -DCSM⁶		None Blank
1000lm (10W) Blank		<i>Specialty Beams</i>		BubblyNet Wireless System (120V/277V) -DBNT⁶		Hex-Cell Louver -LVR⁴
		Wall Wash -BWW		SimplySnap Wireless System (120V/277V) -DSYN⁶		Integral Junction Box 1-Entry -JBL, JBR³
		Forward Throw (Type IV) -BIV				Integral Junction Box 2-Entries -JB2
		Type II (110° x 40°) -BII²				Junction Box, Conduit Top Entry -JBT
						BackPack (Empty, Side Mount) -EMB-BLANK-SD
						BackPack (Empty, Face Mount) -EMB-BLANK-FC
						Glare Shield -SH
						Marine Grade Finish -MGD
						Die-Cast Oversized Mounting Plate -WPDC6

¹Special Order Finish. Minimum order quantity (MOQ) applies. Orders less than MOQ are subject to a special paint set-up fee for the quantity ordered. Extended lead times may apply. Consult Factory.
²Special Order. Minimum order quantity (MOQ), extended lead time may apply. Consult Factory.
³Must Specify Left or Right, see Page 5 for more details.
⁴(-LVR) Hex-Cell Louver is not compatible with CleanBeam Options (-CB10), (-CB15), (-CB35).
⁵(-SUN-INT) and (-SUN-INT-1227) sensor integrated into the reflector. Consult Factory for layout assistance or alternate sensor mounting.
⁶Special Order. Must be ordered with -EMB-BLANK.

Energy Efficient Chip-On-Board (COB) Singular LED Light source provides for smooth uniform light output, eliminating the multiple shadow effect seen by multiple LED source products.
 Binned with 3-Step MacAdam Ellipses as recommended by Ansi Standard. Available in 2700k, 3000k, 3500k, 4000k, 5000k, RGBW, and 590nm Amber.
 Custom RAL Color: Please note that we appreciate custom finishes. Custom finishes are subject to a special paint setup fee for the quantity ordered. Extended lead times may apply. Consult Factory.

SPECIFICATION

Application

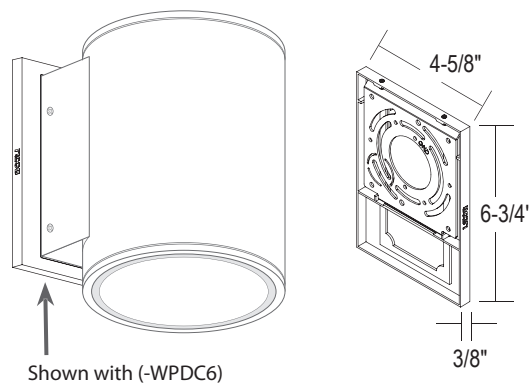
This WD1 series single direction wall mount luminaire can be used for both interior and outdoor locations. The single reflector design can be used for direct illumination downward or indirect illumination upward for new construction or retrofit installations. Typical locations are in residential, commercial, and architectural facades and retail spaces that contain walls and/or columns.

Housing/Arm

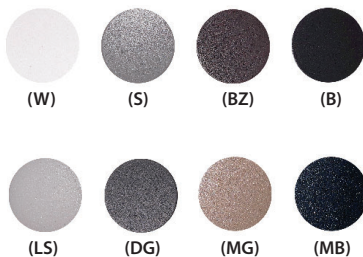
Housing and Arm are constructed of one piece rectilinear high grade aluminum extrusions (Alloy 6061 <.04% Cu). Faceplate (with flush mounted tempered glass lens) and end caps are of a robust die cast aluminum alloy sealing the housing (top and bottom) using silicone gaskets. An aluminum alloy mounting plate with a U-bracket installs onto an electrical junction box and secures into the arm with two (2) flat head countersunk phillips head stainless steel screws.

Mounting:

The standard mounting plate is a 6" high x 4-1/2" plate with a U-Bracket that installs directly onto 3-1/2" or 4" octagonal electrical junction box. (-WPDC6) is a die-cast oversized 6-3/4" high x 4-5/8" plate with a flat bracket designed to mount directly onto a 4" square junction box or a 3-1/2" or 4" octagonal electrical box.



Finish:



A 7-stage electrostatic, polymer process provides an outdoor textured powder coat finish that delivers outstanding durability, superior anti-aging, resistance to corrosion and UV-degradation. Consult factory for Custom Color. (More Information)

Standard Finishes:

White: RAL 9003 (W)
 Silver: RAL 7037 (S)
 Bronze: RAL 8019 (BZ)
 Black: RAL 9005 (B)

Special Order Finishes:

Light Silver: RAL 7036 (LS)
 Dark Gray: RAL 7015 (DG)
 Metallic Gold: RAL 1001 (MG)
 Metallic Black: RAL 7021 (MB)

SPECIFICATION (Continued)

Certifications and Listings:



ETL / cETL Listed to UL1598 and UL8750 standards.

Suitable wet locations. (IP65)

Assembled in USA.

IK08 rated for impact resistance.

Caution:

LITON recommends use of surge protectors on the power entering LED Housings.
Surge damage is not covered by warranty.

Warranty

Covered by a 5-Year Warranty to be free of defects in materials and craftsmanship.
Recommended for applications where ambient temperatures do not exceed 35°C,
installations exceeding this temperature will result in reduced LED lamp life and a voided warranty.

Optics

Multifaceted aluminum reflector produces low glare illumination with multiple light control options.

Standard Beam:

Used for maximum light output and visible field angle.

CleanBeam™ :

Used for a direct uniform light output with minimized field angle and to enhance building aesthetics.

LED

COB (Chip on Board) singular LED light source provides for smooth, uniform light output, eliminating the imaging produced by multiple LED source optics.

Lumen Maintenance:

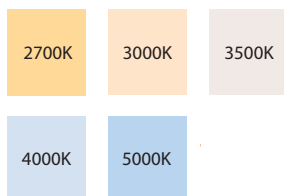
Lumen Maintenance is minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results.

Lumen Options (Nominal):

1000lm (10W) (Blank)

Color Temperature:

Binned with 4-step MacAdam ellipses as per ANSI Standard recommendation.



COLOR TEMP:	2700K	3000K	3500K	4000K	5000K
CRI:	90, 97	90, 97	90	90	90

SPECIFICATION (Continued)

Control Options

ELV and TRIAC Driver 120V (-DIN):

Compatible with electronic low voltage, and 2-Wire incandescent dimmers. Also known as leading edge, Reverse Phase, Forward Phase dimming. Allows smooth dimming down to 5% depending upon the dimmer's limitations.

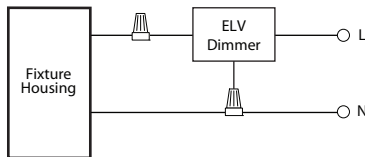
0-10V Driver 120V/277V (UE-D10):

Compatible with most existing 0-10V systems. Also known as fluorescent or 5-Wire dimming. Allows smooth dimming down to 5% depending upon the dimmer's limitations. Compatible with daylight harvesting controls.

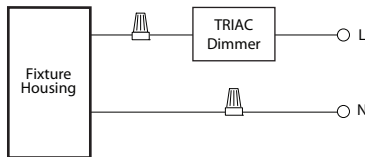
UniDim™ Driver 120V/277V (UE-DUN):

All in one ELV and TRIAC phase dimming (120V only), and 0-10V dimming (120V/277V). Works with most 3-Wire ELV, 2-Wire incandescent and 120V/277V 5-Wire 0-10V fluorescent dimmers.

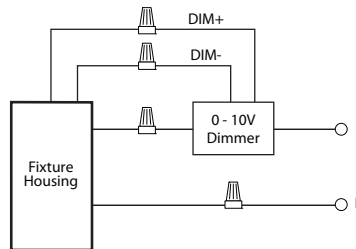
Incandescent/Phase Wiring
ELV



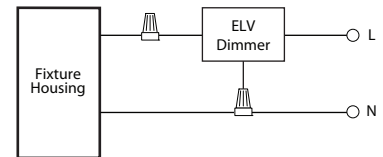
TRIAC



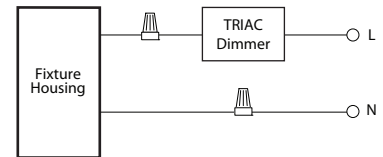
0 - 10V Wiring



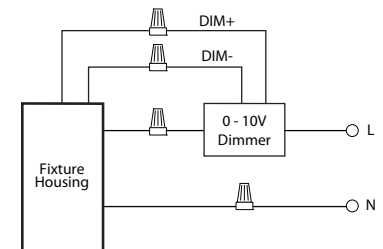
Incandescent/Phase Wiring
ELV



TRIAC



0 - 10V Wiring



Electrical

LED Driver: AC 50/60Hz Electronic Direct Current Class 2 driver integrally mounted.

Power Factor > 0.90. See Dimming Section for voltage and wiring.

-10 ° C/14 ° F Starting Temp

SPECIFICATION (Continued)

Emergency Options

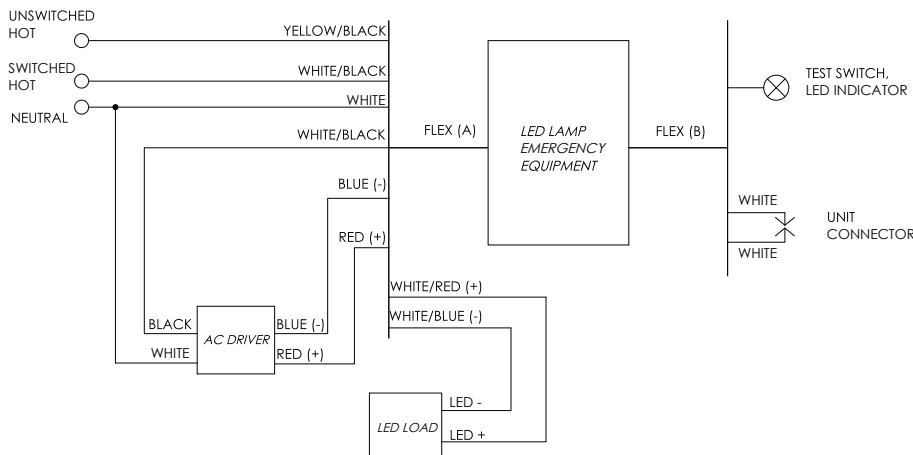
Emergency LED Battery Back-up available, integrally mounted. When AC power fails, the device immediately switches to the emergency mode, operating the LEDs for a minimum of 90 minutes. Remote test switch and plate cover included. Optional Generator Transfer Device switches the driver to auxiliary generator power during the loss of normal AC power, (recommended for applications requiring individual circuit switching).

INTEGRAL EMERGENCY BATTERY: 13W

For installation away from the surface of the building in remote hidden location.

- Hidden Emergency Equipment
- Must be installed in Dry Locations
- 10W constant output to LED lamp

Not rated for outdoor mounting. Damp location rated.



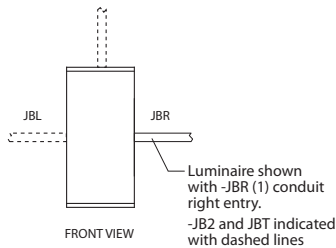
Input Voltage:	120-277VAC/60Hz
Output Voltage:	170VDC
Wattage:	10W
Switching Time:	<3s
Charging Time:	12h
Operating Time:	90 minutes
Minimum Temperature:	0°C
Maximum Temperature:	48°C
Maximum Lumens:	1000lm
Self-Diagnostic:	Yes

Additional Options

Optional J-Box (Direct Conduit Entry):

For use with mounting locations without a recessed junction box.

Allows for direct mounting to building surface. Arm may be configured for up to 3 conduit entries (1/2" total; 2 on the sides, 1 on top).



Configure as:

- JBL, JBR: (1) conduit entry from left or right looking at fixture
- JB2 (2) conduit entry on sides
- JBT (1) conduit entry on top

Hexcell Louver (-LVR):

3 mm /.125" (size of the cells) - matte black finish, 45° glare cutoff, unframed.



