LiTON OUTDOOR

TYPE		PROJECT	
CATALOG#			

WD1360 : 6" ROUND 1-DIRECTION
WALL MOUNT (IP65) AMBER (TURTLE SAFE) 250LM (22W)

US Assembled · Dark Sky · IP65 · IK08 · ETL Intertek · Turtle Safe · Florida Fish and Wildlife Conservation Commission

Option: -JB/-JB2
Hole Location

Dimensions: 7-7/16", 5-15/16", 7-7/8", 1-3/4", 2-15/16", 5-11/16"
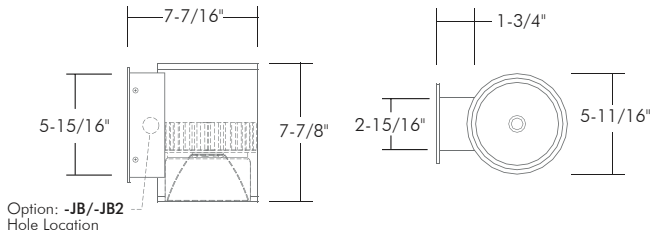
- WIldlife Lighting Approved
- Energy efficient, low glare LED Chip-On-Board light engine
- True Amber Narrow Wavelength 590nm LED
- Emergency back up available
- Integral Surface J-Box Option
- 5-Year Limited Warranty

ORDERING – WD1360BUE-DUN-TAM-LVR EMAC-SDL

WD1360

Fixture	Finish	Dimming	LED	Emergency Options	Options

Finish

White	(RAL 9003)	**W**
Silver	(RAL 7037)	**S**
Basic Bronze	(RAL 8019)	**BZ**
Black	(RAL 9005)	**B**
Light Silver	(RAL 7036)	**LS** [2]
Dark Grey	(RAL 7015)	**DG** [2]
Metallic Gold	(RAL 1001)	**MG** [2]
Metallic Black	(RAL 7021)	**MB** [2]

Dimming

Non-Dimming (120V)	**Blank**
UniDim™ (120V/277V)	**UE-DUN**
0-10V 1% Dimming (120V)	**-D10P1**

LED

590mm AMBER	**-TAM-LVR**

Emergency Options

None	**Blank**
Remote	**-EMAC**
Back Pack (Side Mount)	**-EMB-SD** [5,7]
Back Pack (Face Mount)	**-EMB-FC** [5,7]
Empty Back Pack (Face Mount)	**-EMB-BLANK** [5,7]

Options

None	**Blank**
Photocell Sensor	**-SDL**
Integral Junction Box 1-Entry	**-JBL, JBR** [6]
Integral Junction Box 2-Entries	**-JB2**
Junction Box, Conduit Top Entry	**-JBT**
Surge Protector	**-SRG**
Cold Weather	**-CW** [3,7]
Glare Shield	**-SH**

---

[2] Special Order. Minimum order, extended lead time may apply. Consult factory. (Finish options 50 piece minimum. 10-12 week lead time).

[3] Starting temperature -30°C/-22°F; see pg. 6.

[5] White (W) finish is standard. Black (B), and Silver (S) finish available. Contact factory for pricing.

[6] Select left or right entry.

[7] (-EMB-XX) is not compatible with (-CW) option.

COMPLEMENTARY ITEMS *(Click for more Information)*

CEILING DOWNLIGHT | SCOOP WALL | TRAPEZOID WALL

2023.12.13

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 is constructed from a round one piece high grade aluminum extrusion with a rectangular extrusion arm. Extrusions are 6061 alloy; <04% Cu. Faceplate (with a tempered glass lens) and end caps are die-cast aluminum (Alloy A360; <.6% Cu) and seal the housing (top and bottom) using silicone o-rings. 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 6" high x 4-1/2" wide rectangular mounting plate with U-bracket installs onto a 4" octagonal electrical junction box. For other junction box sizes see installation instructions.

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)

(W)   (S)   (BZ)   (B)

(LS)   (DG)   (MG)   (MB)
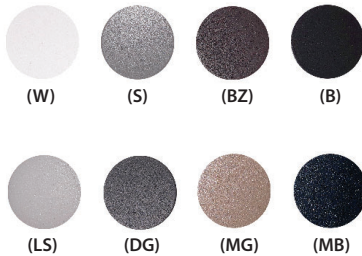
Standard Finishes:

White:	RAL 9003	(W)
Silver:	RAL 7037	(S)
Basic 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)

US Assembled   Dark Sky   IP65

IK08   Intertek   Turtle Safe

## SPECIFICATION (Continued)

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. Fixture should not be installed in applications with ambient temperature above 50℃/122°F. Doing so will result in reduced lamp life and voided warranty.

Optics

Multifaceted aluminum reflector produces low glare illumination. Additional beam control provides cutoff of illumination above 45°, 3 mm /.125" (size of the cells) - matte black finish.
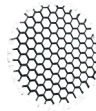
45° cutoff louver included with optic.

LED

COB (Chip on Board) singular LED light source provides for smooth, uniform light output, eliminating the imaging produced by multiple LED source optics.
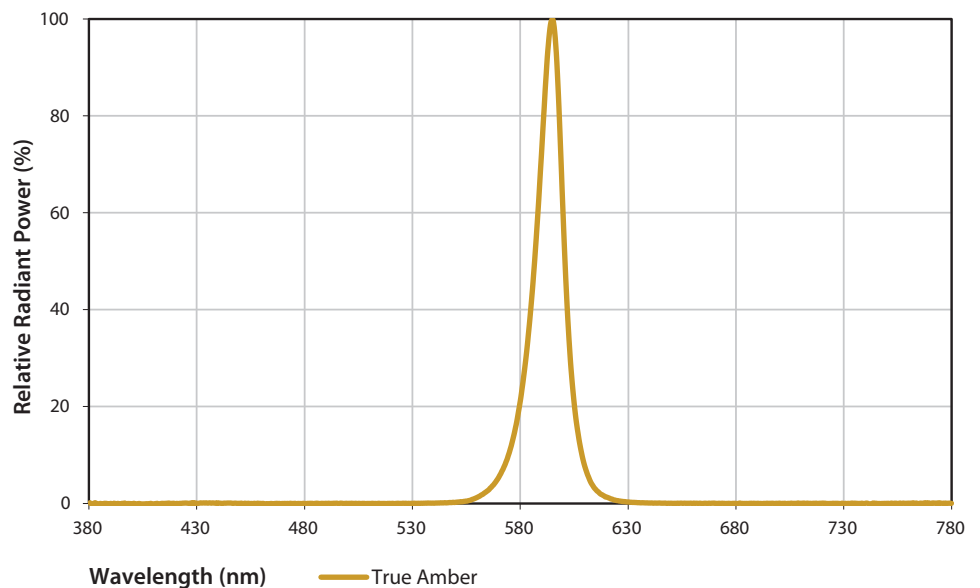
Lumen Maintenance:	Lumen Maintenance is aminimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results.
Lumen Options (Nominal):	250lm (22W)
Color Temperature:	Binned with 4-step MacAdam ellipses as per ANSI Standard recommendation.

Amber

True Amber - Narrow Band LEDs centered at 590nm with no spectral content below 560nm are supplied.

SPECIFICATION (Continued)

Emergency Options

When AC power fails, provides 90 minutes of power to the luminaire. In the event of a power failure, the LED Emergency backup switches to the emergency mode and operates the existing fixture for 90 minutes. .
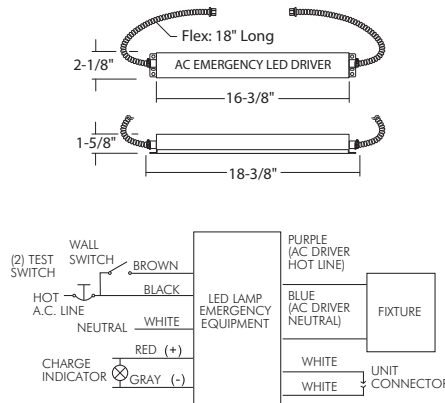
Remote Emergency Back Up (-EMAC):

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

• Hidden Emergency Equipment
• Must be installed in Dry Locations

Not rated for outdoor mounting.
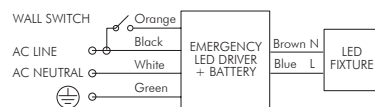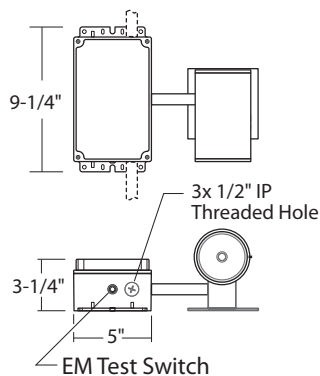**Damp location rated.**

Output Power:	25 Watts (Max)
Input Power:	6 Watts (Max)
Emergency Operation:	≥90 minutes
Operating temp:	0°C/32°F to 50°C/122°F
Input Voltage:	100-277 VAC, 50-60Hz
Battery:	High Temp Nickel-Cadmium
	48 Hour Recharge
	7-10 Year Life Expectancy
Charge Time:	24 hours
Max Distance:	25'
Weight:	3 lbs.
Warranty:	2-year
Surge Protection:	None

BackPack Side Mount (-EMD-SD/FC):

Illuminates need for long runs back to remote emergency battery location. Installs directly on building surface. Ideal for locations wanting same mounting aesthetics for Emergency and Non-Emergency fixtures without the use of remote Emergency power. Can be fed from recessed wall mounted junction box from the back of fixture or surface conduit from side of fixture.

• Wet location rated
• 120V-347V operation
• Self diagnostic
• Integral surge protector for emergency driver only.
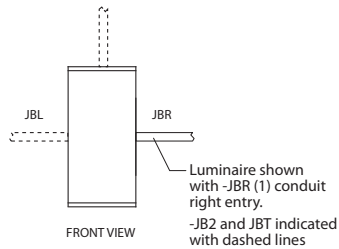• Includes (2) 1/2" NPT knock-outs

Output Power:	30 Watts (Max)
Input Power:	76 Watts (Max)
Emergency Operation:	≥90 minutes
Operating temp:	0°C/32°F to 50°C/122°F
Input Voltage:	120V-347 VAC
Battery:	Recyclable lithium battery
	24 Hour Recharge
	7-10 Year Life Expectancy
Charge Time:	24 hours
Max Distance:	25'
Weight:	3-3/4 lbs.
Warranty:	5-year
Surge Protection:	Integral 3,000V
Self-diagnostic testing:	Monthly 30 sec. test, Yearly 90 min. test to verify proper emergency operation per life safety code requirements.

SPECIFICATION (Continued)

Additional Options

Optional J-Box (Direct Conduit Entry:

FRONT VIEW

JBL   JBR

Luminaire shown
with -JBR (1) conduit
right entry.

-JB2 and JBT indicated
with dashed lines

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

Photocell (-SDL):

Allows for energy savings when illumination is not need during between dawn to dusks. Cuts off power to LED's during day time or in illuminated environments.

Power Consumption .5W

On/Off Levels: On @ 0-2fc / Off @ 2fc or more

Warranty: 2- Year / 5,000 Cycles

Sensor Size: 3/8"

Rating: UL/cUL

Surge Suppressor (-SRG):

Protects driver against surges in line voltage/current
(20KV, 1.2/50μS & 10KA, 8/20μS).

Provides a positive indication of end-of-life by opening voltage to the load.

Surge suppressor is a perishable device requiring periodic replacement.

Not a warrantied item.

SPECIFICATION (Continued)

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.
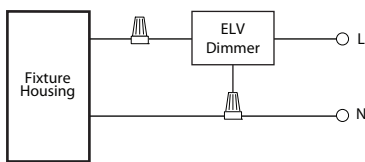
Minimum Operating Temperature:
Standard: -10°C/14°F
-CW: Cold Weather Option: -30°C/-22°F
UE-DUN: -10°C/ 14°F

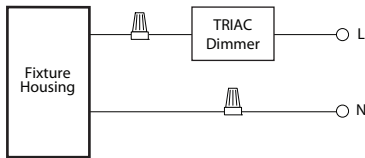### Dimming Options

Incandescent/Phase Wiring
ELV

TRIAC

0 - 10V Wiring

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.