TYPE

PROJECT

CATALOG#

WD2360 : 6" ROUND 2-DIRECTION
WALL MOUNT (IP65) 2 X 1000LM-2600LM (20W/30W/45W/60W)

US Assembled · Dark Sky · IP65 · IK08 · RGB+W Option · ETL Listed Intertek
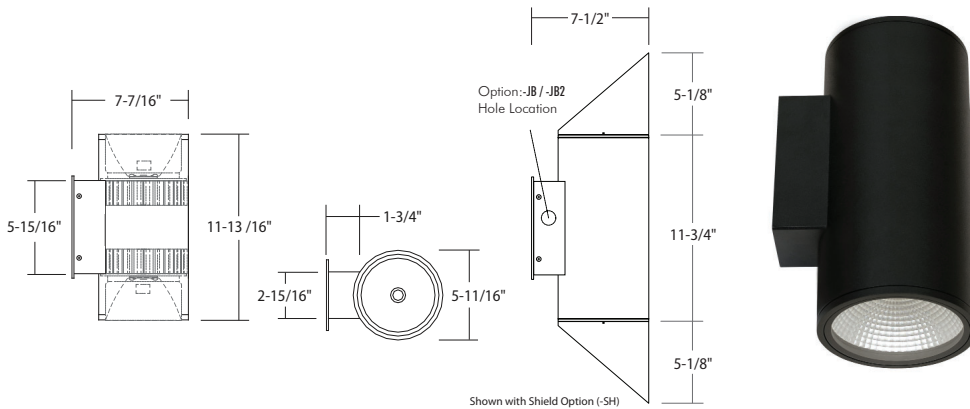
- Now with Integral Emergency Option!
- Uniform, low glare illumination
- Durable, corrosion resistant finish
- Dual COB Light Source
- 5-Year Limited Warranty
- UniDim™ option dimming with 2-Wire Incandescent, 3-Wire, ELV or 0-10V Controls
- Integral J-box Option
- Available with Type IV/Forward Throw Optics

7-7/16" · 5-15/16" · 11-13/16" · 2-15/16" · 1-3/4" · 5-11/16"

7-1/2" · 5-1/8" · 11-3/4" · 5-1/8"

Option:-JB / JB2 Hole Location

Shown with Shield Option (-SH)

ORDERING : WD2360B-BU20-BD45-DIN-EMAC-T27-SDL

LINK

WD2360

Fixture	Finish	Lumen	Optics	Dimming	Emergency Options	LED	Options

Finish

White	(RAL 9003)	**W**
Silver	(RAL 7037)	**S**
Basic Bronze	(RAL 8019)	**BZ**
Black	(RAL 9005)	**B**
Light Silver	(RAL 7036)	**LS** [3]
Dark Grey	(RAL 7015)	**DG** [3]
Metallic Gold	(RAL 1001)	**MG** [3]
Metallic Black	(RAL 7021)	**MB** [3]

Lumen [1]

2 x 1000lm (20W)	**Blank**
2 x 1500lm (30W)	**-L15**
2x2200lm (45W)	**-L20**
2x2600lm (60W)	**-L26**

Optics

ⓘBeam Up		Ⓘ Beam Down	
Standard Beams		*Standard Beams*	
Wide Flood	**Blank**	Wide Flood	**Blank**
Narrow Spot	**-BU10**	Narrow Spot	**-BD10**
Spot	**-BU20**	Spot	**-BD20**
Flood	**-BU45**	Flood	**-BD45**
CleanBeam™ Option		*CleanBeam™ Option*	
10° Pencil Beam	**-CBU10**	10° Pencil Beam	**-CBD10**
15°	**-CBU15**	15°	**-CBD15**
35°	**-CBU35**	35°	**-CBD35**
Specialty Beams		*Specialty Beams*	
Wall Wash	**-BUWW**	Wall Wash	**-BDWW**
Forward Throw (Type IV)	**-BUIV**	Forward Throw (Type IV)	**-BDIV**
Type IIVS (30° x 60°)	**-BUII**	Type IIVS (30° x 60°)	**-BDII**

Dimming

Non-Dimming (120V)	**Blank**
ELV and Triac Dimming (120V)	**-DIN** [5]
0-10V Dimming (120V/277V)	**UE-D10** [5]
UniDim™ (120V/277V)	**UE-DUN** [5]
0-10V 1% Dimming (120V)	**-D10P1**
2-Circuit	**-2CCT**
347V 0-10V Dimming	**-347-D10**

Emergency Options

None	**Blank**
Remote	**-EMAC** [2]
Back Pack (Side Mount)	**-EMB-SD** [9]
Back Pack (Face Mount)	**-EMB-FC** [9]
Back Pack (Empty)	**-EMB-BLANK** [9,10]

LED

4000K (90 CRI)	**Blank**
2700K (90 CRI)	**-T27**
2700K (97 CRI)	**-T27-C97** [3]
3000K (90 CRI)	**-T30**
3000K (97 CRI)	**-T30-C97** [3]
3500K (90 CRI)	**-T35**
5000K (80 CRI)	**-T50**
RGB+W Control (24VDC)	**-RGBWV24** [4]

Options

None	**Blank**
Hex-Cell Louver	**-LVR**
Photocell Sensor 120V, 277V	**-SDL**
Integral Junction Box 1-Entry	**-JBL, JBR** [8]
Integral Junction Box 2-Entry	**-JB2**
Junction Box, Conduit Top Entry	**-JBT**
Surge Protector	**-SRG**
Cold Weather Start	**-CW** [6,9]
Glare Shield (Up)	**-SHU**
Glare Shield (Down)	**-SHD**
Glare Shield (Up and Down)	**-SH**

[1] (Blank) 2x1000lm (20W) color temperature is 80CRI minimum, and is not available in 90 plus CRI (-L15) 2x1500lm (30W), (-L20) 2x2200lm (45W), and (-L26) 2x2600lm (60W) are 90CRI minimum with optional 97 CRI.
[2] (-EMAC) Emergency back up is only available for (Blank) 2x1000lm (30W).
[3] Special Order. Minimum order, extended lead time may apply. Consult factory. (Finish options 50 piece minimum. 10-12 week lead time).
[4] Remote Power Supplies and Control Gear Required, Available with Wireless Bluetooth or DMX Control. Consult Factory for Details.
[5] Standard Driver Starting Temp -10℃/14°F.
[6] Starting Temp -30℃/-22°F.
[8] Specify (JBL) left or (JBR) right entry.
[9] (-EMB) is not compatible with (-CW) option.
[10] Blank EM enclosure available for Non-EM units to provide a seamless design aesthetic when EM enabled products are installed.

347V Input with 0-10V Dimming available. Consult factory for lead times.

COMPLEMENTARY ITEMS *(Click for more Information)*

1-DIRECTION WALL · **ADJUSTABLE WALL** · **CEILING MOUNT**

2024.01.19

SPECIFICATION

Application

This WD2 series bi-directional wall mount luminaire can be used for both interior and outdoor settings. The dual reflector design can be used for both direct downward and indirect upward illumination 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 high grade aluminum extrusion (Alloy 6062<.04% Cu). Faceplates (with tempered glass lenses) are of a robust die cast aluminum alloy and seal the housing top and bottom. Faceplates have a silicone o-ring to seal the flush lenses and thread into housing. An aluminum alloy mounting plate with a U-bracket installs onto an electrical junction box and secures into the arm with two (2) fl at 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:
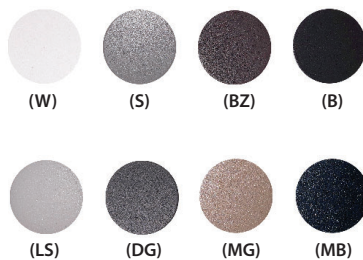
A 7-stage electrostatic, polymer process provides an outdoor textured powder coat finish that delivers outstanding durability, superior anti-aging, resistance to corrosion and UV-degradation. Consult factory for Custom Color. (More Information)

(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)

Certifications and Listings:

ETL / cETL Listed to UL1598 and UL8750 standards.

Suitable wet locations. (IP65)

Assembled in USA.

IK08 rated for impact resistance.

ETL
LISTED
Intertek

IP65

US Assembled   Dark Sky   IK08

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°C/122°F. Doing so will result in reduced lamp life and voided warranty.

Optics

Up and Down multifaceted aluminum reflectors produce 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 aminimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results.

Lumen Options (Nominal):

2 x 1000lm (30W) (Blank)
2 x 1500lm (45W) (-L15)
2 x 2200lm (45W) (-L20)
2 x 2600lm (64W) (-L26)

Color Temperature:

Binned with 4-step MacAdam ellipses as per ANSI Standard recommendation.
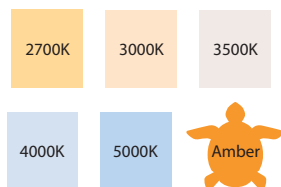
COLOR TEMP:	2700K	3000K	3500K	4000K	5000K
CRI:	90, 97	90, 97	90	90	80, 90

Amber: 590nm

2700K 3000K 3500K
4000K 5000K Amber

RGB+W:

15W RGBW LED Module Illuminates surfaces up to 10 feet away.Used for applications desiring a dynamic color changing effect. RGB+W design allows fine-tuned pastel colors and saturated hues without sacrificing illumination brightness. Can be set for static colors or dynamic shows. Multiple control options available with either Wireless Bluetooth control or DMX 512 remote mounted decoders.

On-site commissioning and programing available.

Consult Factory for Layout Assistance and Lead Times.

RGB+W   DMX 512   Bluetooth

LITON OUTDOOR

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. The unit contains a battery, charger, and converter circuit in a single enclosure. (-EMB-SD/FC/BLANK) not for use with -CW (Cold Weather) option. Consult factory.
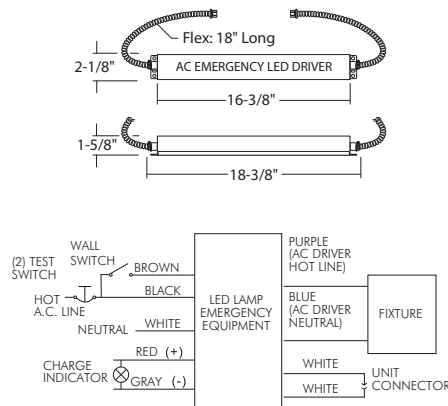
Remote Emergency Back Up (-EMAC):

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
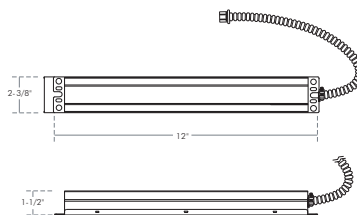
Input Voltage:	120-277VAC/60Hz
Output Voltage:	170VDC (120VAC Equivalent)
Wattage:	40W
Switching Time:	<1s
Charging Time:	24h
Operating Time:	90 minutes
Minimum Temperature:	0°C
Maximum Temperature:	50°C
Maximum Lumens:	3500lm

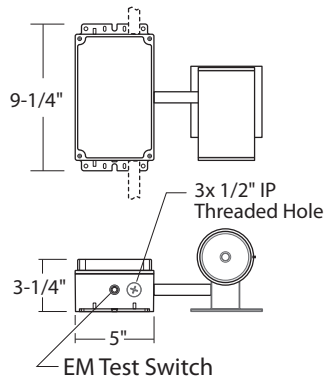**<40W LOAD**

(40W - 300W)
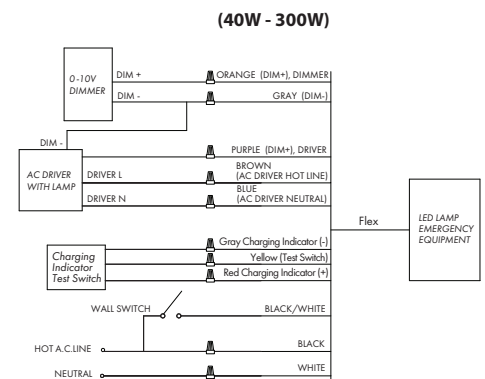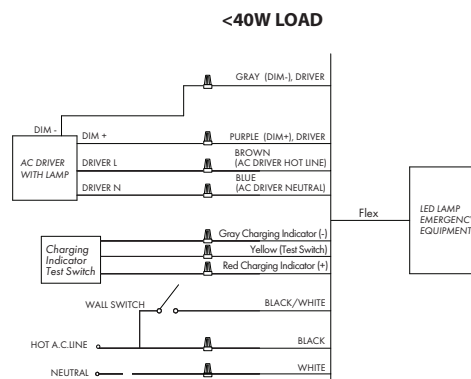
SPECIFICATION (Continued)
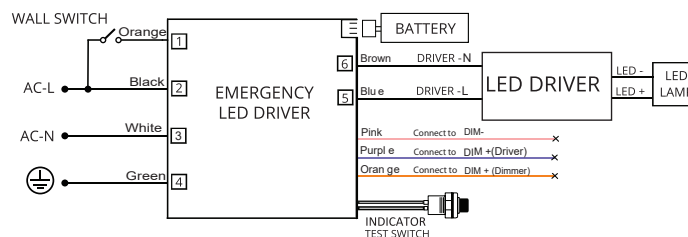
BackPack Side Mount (-EMB-SD/FC):

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.
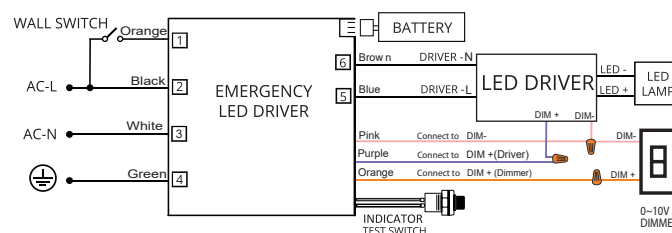• Optional -EMB-BLANK can be used to maintain a common aesthetic when -EMB-FC are used.

9-1/4"

3-1/4"

5"

3x 1/2" IP Threaded Hole

EM Test Switch

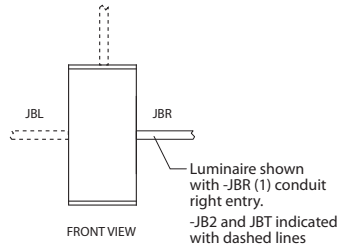|	
Output Power:	18 Watts (Max)
Input Power:	7 Watts (Max)
Emergency Operation:	≥90 minutes
Operating temp:	0°C/32°F to 50°C/122°F
Input Voltage:	120V-347 VAC
Battery:	Recyclable lithium battery
	24 Hour Recharge
	7-10 Year Life Expectancy
Charge Time:	24 hours
Max Distance:	25'
Weight:	3-3/4 lbs.
Warranty:	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.

(<18W)

WALL SWITCH

Orange
AC-L   Black
AC-N   White
Green

1
2   EMERGENCY
3   LED DRIVER
4

BATTERY

6 Brown   DRIVER -N
5 Blue   DRIVER -L

LED DRIVER

Pink   Connect to   DIM-
Purple   Connect to   DIM +(Driver)
Orange   Connect to   DIM + (Dimmer)

INDICATOR TEST SWITCH

LED -
LED +   LED LAMP

(18W-200W)

WALL SWITCH

Orange
AC-L   Black
AC-N   White
Green

1
2   EMERGENCY
3   LED DRIVER
4

BATTERY

6 Brown   DRIVER -N
5 Blue   DRIVER -L

LED DRIVER

DIM +   DIM-
Pink   Connect to   DIM-   DIM-
Purple   Connect to   DIM +(Driver)
Orange   Connect to   DIM + (Dimmer)   DIM +

INDICATOR TEST SWITCH

LED -
LED +   LED LAMP

0~10V DIMMER

SPECIFICATION (Continued)

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.

JBL   JBR

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

FRONT VIEW

-JB2 and JBT indicated
with dashed lines

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.

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
Voltage: 120V, 277V

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 (/SRG1):
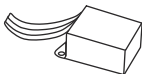
Protects driver against surges in line voltage/current
(20KV, 1.2/50µS & 10KA, 8/20µS).

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

Dimming 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.
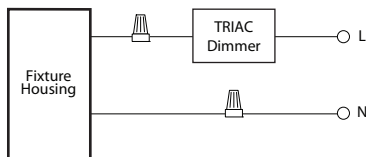
UniDim™ Driver 120V/277V (UE-DUN):

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.
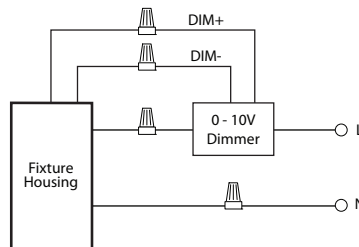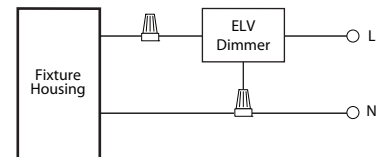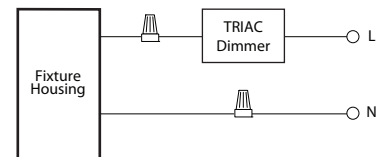
Incandescent/Phase Wiring
ELV
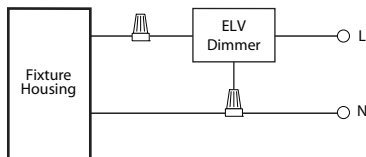
TRIAC

0 - 10V Wiring

Incandescent/Phase Wiring
ELV

TRIAC

0 - 10V Wiring