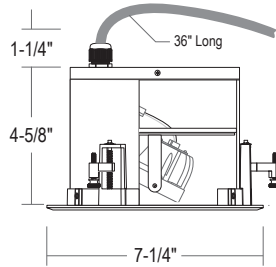
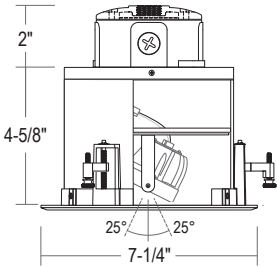


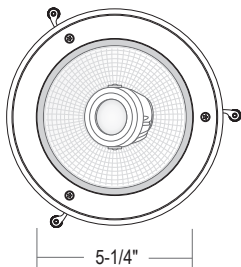
DL36JR2 : 6" ROUND VANDAL RESISTANT RECESSED ADJUSTABLE DOWNLIGHT (IP65/IP67) 700LM (10W)



Shown with **Junction Box Option (-JB)**

Ceiling Cut-Out: 6-1/2"
 Ceiling Thickness: 1-1/4" Max with thumb screws
 1-1/2" Max without thumb screws

Supplied with 36" Long Power Cord,
 Other Lengths Available, Consult Factory



- Remote Emergency Available
- IP65 Standard, IP67 Rated Option
- Tamper Resistant Fasteners
- IK08 option available with Polycarbonate Lens
- Multiple Wireless Control Options
- Integral J-Box Option
- Anti-Ligature

ORDERING : DL36JR2W-B60-T30

Finish	Beam Spread	Control	Color Temperature	Emergency Options	Options
Finish		Control	Color Temperature	Emergency Options	Options
White	DL36JR2W	Non-Dimming (120V)	Blank	2700K (80CRI) -T27	None Blank
Silver	DL36JR2S²	UniDim™ (120V/277V)	UE-DUN	3000K (80CRI) -T30	Cold Weather -CW³
Basic Bronze	DL36JR2BZ²	0-10V (120V/277V)	UE-D10	3500K (80CRI) -T35	Marine Grade Finish -MGD²
Black	DL36JR2B	Incandescent (120V)	-DIN	4000K (80CRI) -T40	IK08 Impact Rated -IK08¹
Light Silver	DL36JR2LS²	0-10V 1% (120V/277V)	UE-D10P1	Emergency Options	Polycarbonate Lens
Dark Grey	DL36JR2DG²	UniSense - Integral Motion/ Photosensor (120V)	SUN-INT^{1,4}	None Blank	Integral Junction Box -JB
Metallic Gold	DL36JR2MG²	UniSense - Integral Motion/ Photosensor (120V/277V)	SUN-INT-1227^{1,4}	Remote Location -EMAC⁵	Surge Protector -SRG
Metallic Black	DL36JR2MB²	Casambi Wireless Dimming (120V/277V)	-DCSM¹	Emergency Inverter	72" Long Power Cord -CRD72
		BubblyNet Wireless System (120V/277V)	-DBNT¹		IP67 Rated -IP67¹
		SimplySnap Wireless System (120V/277V)	-DSYN^{1,4}		
Beam Spread					
Flood	-B45				
Wide Flood	-B60				

¹ Special order. Minimum Order, Extended lead time may apply. Consult Factory.
² Special 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.
³ Starting temperature for -CW option -40°C/-40°F; see pg. 7.
⁴ Must be ordered with (-JB).
⁵ (-EMAC) is not compatible with (-CW) option.

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

Architectural-grade recessed LED downlight housing for medium to high ceilings combines energy efficiency with powerful lumen output. Perfect for atriums, churches, lobbies, and airports that have high ceilings.

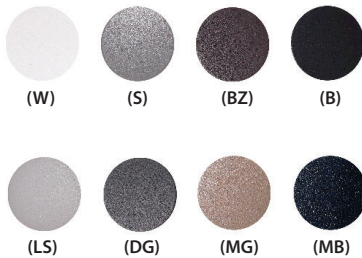
Housing

Housing is constructed from a round one piece high grade aluminum extrusion. (Alloy 6061 <04% Cu). Faceplate (with a tempered glass lens) and top cap are of a robust die-cast aluminum alloy and seal the housing (top and bottom) using silicone gaskets

Mounting:

Housing suitable for existing or new construction installation. Supplied with screw down mounting clips, designed to secure the fixture to an existing flat surface. Mounting Pan with hanger bars are available. Consult Factory.

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)

Marine Grade:

The fixture features a marine-grade textured powder coat finish engineered to withstand extreme environmental conditions, including prolonged exposure to UV radiation, salt air, and moisture, which are prevalent in coastal and high-humidity environments.

A multi-stage surface preparation, finishing, and curing process ensures maximum adhesion, durability, and corrosion resistance. The coating system undergoes rigorous salt spray (ASTM B117) testing, overbake resistance verification, and pencil hardness testing to validate its robustness against degradation.

The marine-grade powder coat is applied as a 30–50 µm bottom layer, providing a strong anti-corrosion foundation. This is further enhanced by a surface coat using a standard architectural-grade powder application with a total thickness of 80–120 µm, ensuring superior resistance to wear, impact, and environmental stressors.

Certifications and Listings:



ETL / cETL Listed to UL1598 and UL8750 standards.

Suitable wet locations. (IP5 Standard, IP67 Option Available)

Assembled in USA.

IK08 rated for impact resistance..

SPECIFICATION (Continued)

Caution: LITON recommends use of surge protectors on the power entering light fixture.

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.

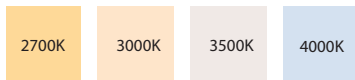
LED

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

Lumen Options (Nominal): 700lm (10W) (Blank)

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



COLOR TEMP: 2700K 3000K 3500K 4000K
CRI: 80+

SPECIFICATION (Continued)

Emergency Options

Emergency LED Battery Back-up available, remotely mounted adjacently by the installer. 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).

FULL POWER EMERGENCY INVERTER (-EMAC: 10W)

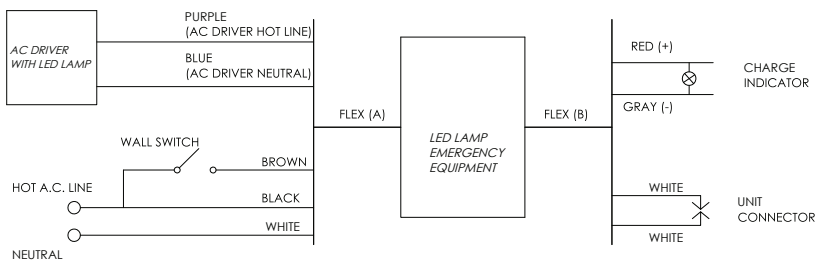
- Must be installed in Dry Locations
- Wattage package will determine if 25W or 40W battery gets sent; corresponding wiring diagrams below
- 170 VDC output to AC DRIVER during EM mode

Not rated for outdoor mounting. Damp location rated.

-EMAC Lumen Data (Battery)

Fixture/Trim	DL36JR2
Fixture Wattage:	10W
Fixture Lumens:	700lm
EM Lumens:	700lm

<25W LOAD

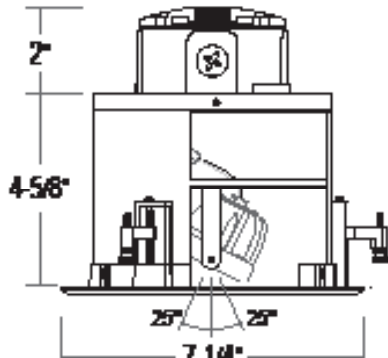


Input Voltage:	120-277VAC/60Hz
Output Voltage:	170VDC (120VAC Equivalent)
Wattage:	25W
Switching Time:	<1s
Charging Time:	24h
Operating Time:	90 minutes
Minimum Temperature:	0°C
Maximum Temperature:	50°C
Self-Diagnostic:	No

SPECIFICATION (Continued)

Additional Options

Optional J-Box (Direct Conduit Entry):



For use with mounting locations without a recessed junction box.

Factory installed outlet box with five (5) 1/2 NPSM trade conduit holes and plugs (1 top, 4 sides) for 1/2 in. trade conduit and wire entry.

Configure as:

-JB: (5) conduit entry from left or right looking at fixture

Surge Suppressor (/SRG):



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

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 warranted 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
Cold Weather Option: (-CW) -40°C/-40°F

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.

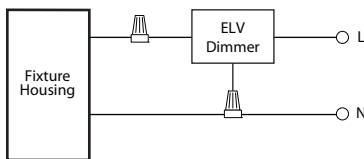
0-10V Driver 120V/277V (UE-D10):

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.

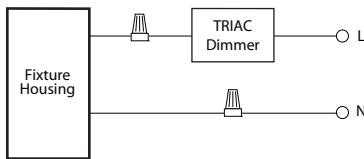
UniDim™ Driver 120V/277V (UE-DUN):

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.

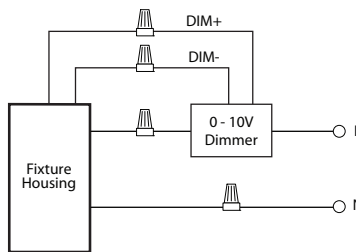
Incandescent/Phase Wiring
ELV



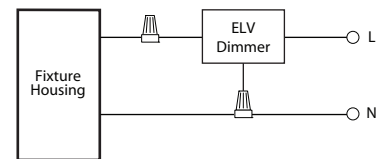
TRIAC



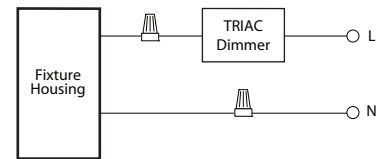
0 - 10V Wiring



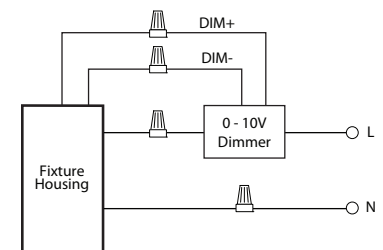
Incandescent/Phase Wiring
ELV



TRIAC



0 - 10V Wiring



SPECIFICATION (Continued)

Unisense[™] PROGRAMMABLE MOTION + DAYLIGHT (-SUN-INT, -SUN-INT-1227)

- Microwave and PIR (Passive Infrared) sensors depending on option
- Daylight harvesting
- Dusk/dawn sensing capabilities
- Motion Sensor

