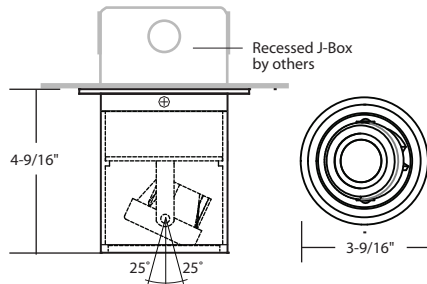


DL340J: 4" ROUND

ADJUSTABLE CEILING DOWNLIGHT (IP65) 700LM (9W)



- Energy efficient, low glare LED Chip-On-Board light engine
- Beam spreads include FL, and WFL
- Emergency back up available
- Integral Surface J-Box Option
- ±25° Tilt
- 5-Year Limited Warranty

ORDERING : DL340JB-L15-B45UE-DUN-EMAC-T27

DL340J

Fixture Finish Optics Dimming Emergency Options LED Options

Finish		Optics	Dimming ⁴	LED
White (RAL 9003)	W	<i>Standard Beams</i>	Non-Dimming (120V)	Blank
Silver (RAL 7037)	S	Flood	UniDim™ (120V/277V)	UE-DUN⁵
Basic Bronze (RAL 8019)	BZ	Wide Flood	0-10V (120V/277V)	UE-D10
Black (RAL 9005)	B		0-10V 1% Dimming (120V/277V)	UE-D10P1
Light Silver (RAL 7036)	LS²		Emergency Options	
Dark Grey (RAL 7015)	DG²		None	Blank
Metallic Gold (RAL 1001)	MG²		Remote Location Emergency System	-EMAC
Metallic Black (RAL 7021)	MB²		Emergency in Canopy for Surface Mounted Fixture	-EMA⁶
				Options
				None
				Hex-Cell Louver
				Photocell Sensor
				Integral Junction Box 1-Outlet
				Surge Protector
				Glare Shield

¹ -EMA for 15W max.

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

³ Must be ordered with Pendant mount accessory (LPCMDL4).

⁴ 347V Input with 0-10V Dimming available. Consult factory for lead times.

⁵ See p. 4 for breakdown of -JB option. Not available for UniDim™ (UE-DUN).

⁶ Standard option only available for Black (B), and White (W) finish. For alternate finishes; contact factory for pricing. Extended lead time may apply.

COMPLEMENTARY ITEMS (Click for more Information)



2-DIRECTION WALL

1-DIRECTION WALL

ADJUSTABLE 1-DIRECTION WALL

SPECIFICATION

Application

This DL series covered ceiling mount adjustable downlight can be used for surface ceiling or pendant mount in both interior and outdoor settings. Typical locations are in commercial and retail spaces that require lighting from above. Dark sky compliant.

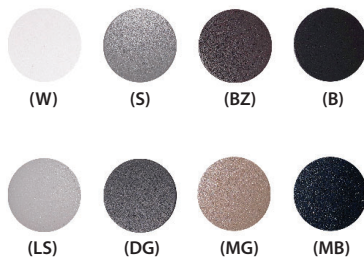
Housing

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 are secured to the housing with (4) socket head tamper resistant stainless steel screws and seal the housing (top and bottom) using silicone gaskets.

Mounting:

A mounting bracket attaches to or over a recessed J-Box (by others) and has through holes to accept (4) four countersunk phillips head screws in the top edge of the fixture housing.

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)
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.

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.

SPECIFICATION (Continued)

Optics

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

Standard Beam:

Used for maximum light output and visible field angle.

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:

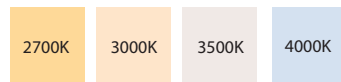
Lumen Maintenance is a minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results.

Lumen Options (Nominal):

700lm (9W)

Color Temperature:

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



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

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.

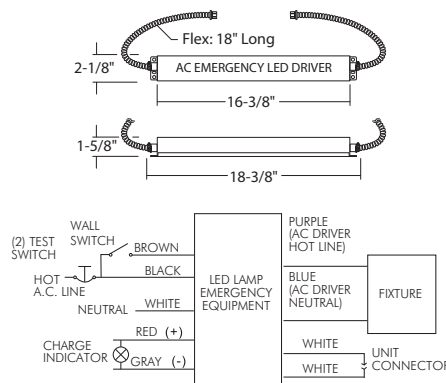
Remote Emergency Back Up (-EMAC):

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.

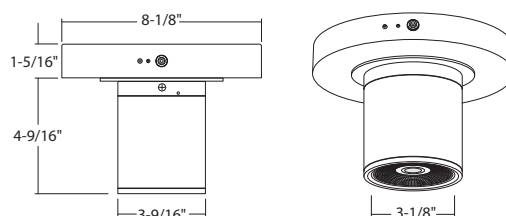
Damp location rated.



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
Maximum Lumens:	2600lm

Emergency Backpack (-EMA):

- The Emergency Backpack (-EMA) is 8" round, ceiling mount canopy, including EM components (recessed j-box by others), a test switch and is field installed to the rear of the luminaire.
- Wet location rated
- Covered Ceiling Mount
- 1500lm max.
- For non-emergency fixtures requiring visual continuity use LPCMD7R-EMA-Blank.



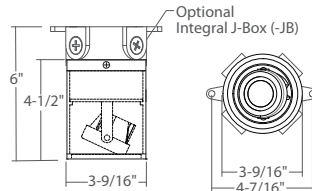
Voltage:	120-277VAC/60Hz
Wattage:	15W
Switching Time:	<1s
Charging Time:	24h
Operating Time:	90 minutes
Minimum Temperature:	0°C
Maximum Temperature:	50°C
Maximum Lumens:	1500lm

SPECIFICATION (Continued)

Additional Options

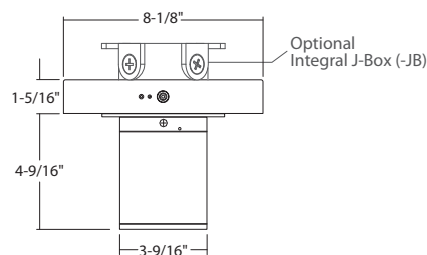
Optional J-Box (Direct Conduit Entry):

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.



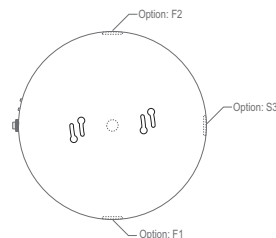
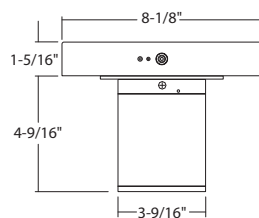
Configure as:

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



Configure as:

-EMA-JB:



Configure as:

-EMA-JB-XX:

Option:	Ø 7/8" Conduit Hole
F1	At any Direction
F1 - F2	Straight Connection
F1 - S3	L Connection
S3	T Connection

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



SPECIFICATION (Continued)

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.

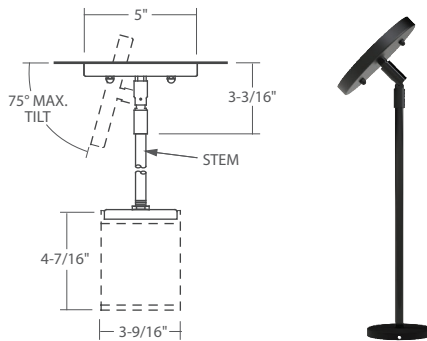
Not a warranted item.

* Sent separately.

Number of Fixtures Wired in Series per Surge Protector			
Luminaire	Wattage Range (depends on lumen packages)	@120VAC Max. Load = 450W	@120VAC Max. Load = 1000W
DL340/DLQ340/DL340J	10W - 15W	30 - 45	65 - 100
DL360/DLQ360/DL360J	10W - 30W	15 - 45	30 - 100

Pendant Mounting:

See spec sheet [LPCMDL4](#)
for details and configuration



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.

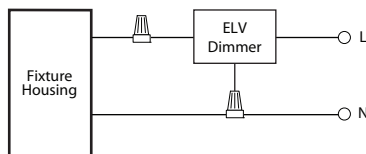
Minimum Operating Temperature:
Standard: -10°C/14°F

Dimming Options

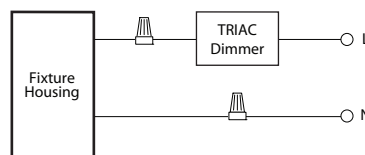
UniDim™ Driver 120V/277V (UE-DUN):

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

