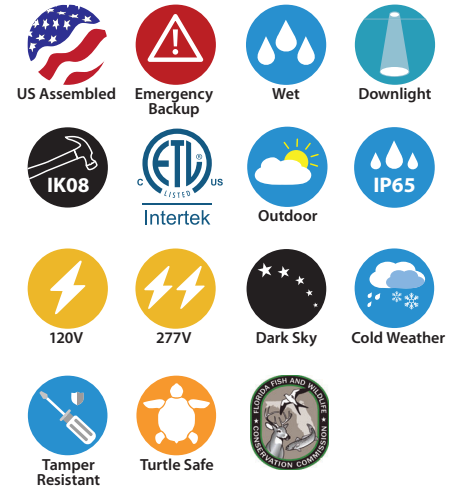
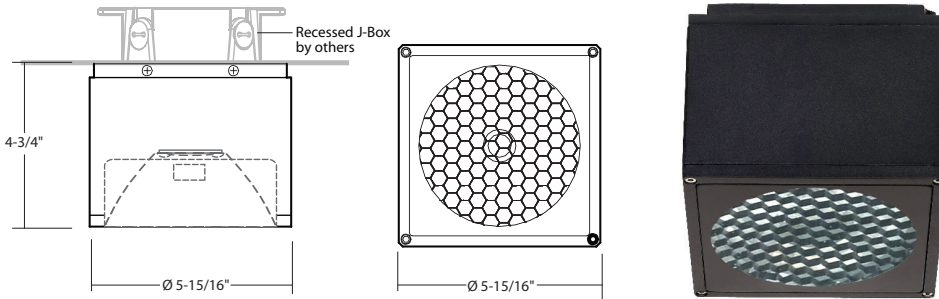


DLQ360 : 6" SQUARE

CEILING DOWNLIGHT (IP65) AMBER (TURTLE SAFE) 250LM (22W)



- 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
- IK08 Rated

ORDERING : DLQ360BUE-DUN-TAM-LVR

DLQ360

Fixture Finish Control Emergency Options LED Options

Finish		Control		Emergency Options		LED	
White	(RAL 9003) W	Non-Dimming (120V)	Blank	None	Blank	Amber - Limited Wavelength - 590nm	-TAM-LVR
Silver	(RAL 7037) S	UniDim™ 0-10V, ELV, Triac Dimming (120V/277V)	UE-DUN	Remote Location Emergency System	-EMAC		
Bronze	(RAL 8019) BZ	0-10V 1% Dimming (120V/277V)	UE-D10P1	Emergency integral to fixture	-EMA^{3,4}		
Black	(RAL 9005) B	347V 0-10V Dimming (347V)	-347-D10			Options	
Light Silver	(RAL 7036) LS¹	Casambi Wireless Dimming (120V/277V)	-DCSM⁵			None	Blank
Dark Grey	(RAL 7015) DG¹	BubblyNet Wireless System (120V/277V)	-DBNT⁵			Photocell Sensor	-SDL
Metallic Gold	(RAL 1001) MG¹	SimplySnap Wireless System (120V/277V)	-DSYN⁶			Integral Junction Box 1-Outlet	-JB
Metallic Black	(RAL 7021) MB¹					Surge Protector	-SRG
						Cold Weather	-CW^{2,4}
						Marine Grade Finish	-MGD¹

¹ 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.
² Starting temperature -30°C/-22°F; see pg. 6.
³ (-EMA) is only compatible with Non-Dimming and (UE-D10P1) control options.
⁴ (-EMA) is not compatible with (-CW) option.
⁵ Special Order.
⁶ Special Order. Sent with surface mount JBOX to allow for direct-conduit entry.

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 DL series covered ceiling mount 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.

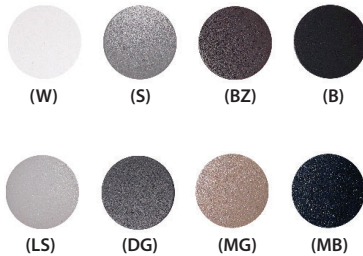
Housing

Housing is constructed from a square 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)
 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.

Certified by the Florida Fish and Wildlife Conservation Commission as Wildlife Lighting Approved.

SPECIFICATION (Continued)

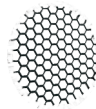
Caution: LITON recommends use of surge protectors on the power entering LED Housings. Surge damage is not covered by warranty. (See option SRG)

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

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.

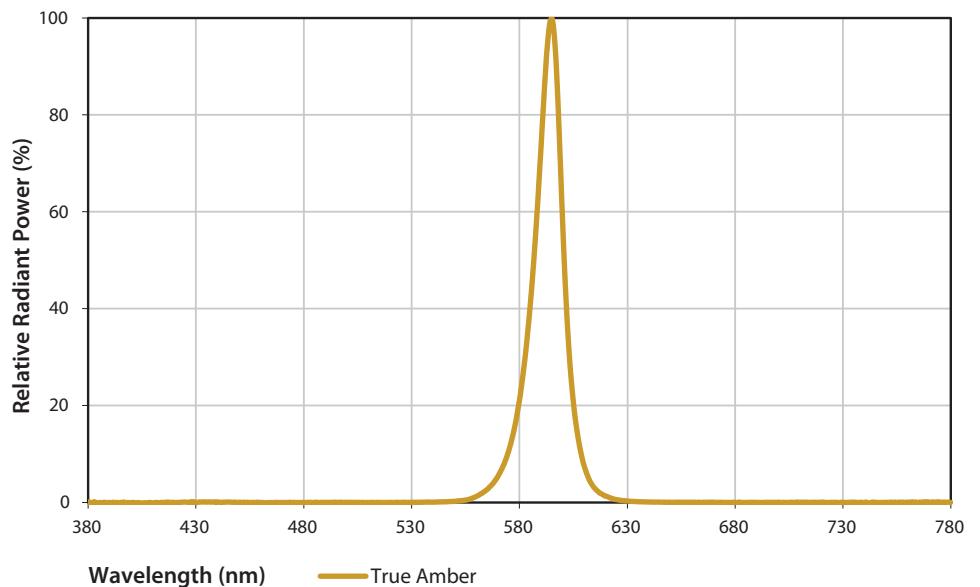
LED

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 a minimum 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.



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

SPECIFICATION (Continued)

Emergency Options

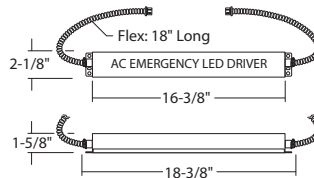
When AC power fails, provides 90 minutes of power to the luminaire. In the event of a power failure, the LED Emergency backup switches to the emergency mode and operates the existing fixture for 90 minutes.

Remote Emergency Back Up (-EMAC):

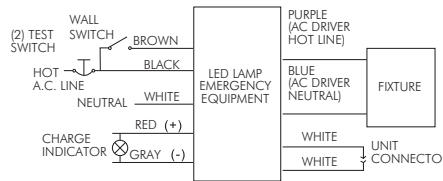
For installation away from the surface of the building in remote hidden location.

- Hidden Emergency Equipment
- Must be installed in Dry Locations

Not rated for outdoor mounting.
Damp location rated.

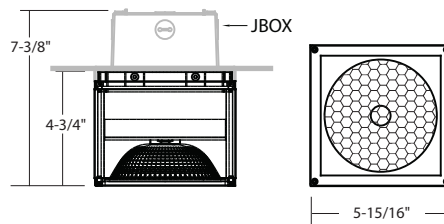


Input Voltage:	120-277VAC/60Hz
Output Voltage:	170VDC (120VAC Equivalent)
Wattage:	30W
Switching Time:	<1s
Charging Time:	24h
Operating Time:	90 minutes
Minimum Temperature:	0°C
Maximum Temperature:	50°C
Maximum Lumens:	2600lm



Integral Emergency System (-EMA):

- The Integral Emergency System (-EMA) is installed in the fixture housing and includes a test switch.
- Wet location rated
- Covered Ceiling Mount
- May be pendant mounted using LPCMDLQ6.

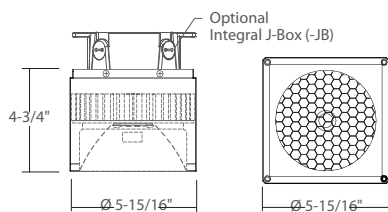


Voltage:	120-277VAC/60H
Wattage:	15W
Switching Time :	<1s
Charging Time:	24h
Operating Time:	90 minutes
Minimum Temperature:	-20°C
Maximum Temperature:	45°C
Maximum Lumens :	1500lm

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

SPECIFICATION (Continued)

Photocell (-SDL):



Sensor enables automatic on/off operation based on ambient light levels, providing dusk-to-dawn functionality.

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 (-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.

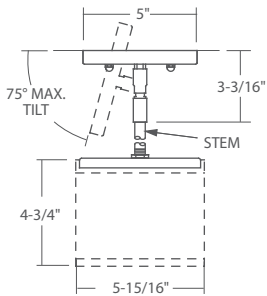
Surge suppressor is a perishable device requiring periodic replacement.

Not a warranted item.

Additional Options - Pendant Mounting

Adjustable Pendant Accessory:

See spec sheet [LPCMDLQ6](#) for details and configuration



Aircraft Cable Pendant Mount Accessory Kit:

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



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.

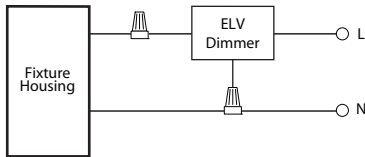
Minimum Operating Temperature:

Standard: -10°C/14°F

Cold Weather Option: (-CW) -30°C/-22°F

Control Options

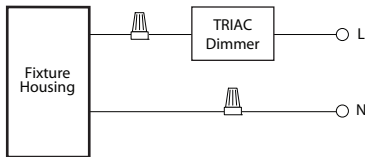
Incandescent/Phase Wiring
ELV



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.

TRIAC



0 - 10V Wiring

