



**L70**  
25°C **646,000 Hours**



**QDS-3101 Wall Mount**

Weight 29 lbs.

**DarkSky Approved**

- Full Cutoff – BUG Rating U=0
- LED Array cannot be adjusted to tilt from horizontal
- Warm Color CCT 3000°K



**FEATURES**

**Housing:**

Die Cast Aluminum Housing with Full Cutoff Front Frame, Integral Heat Sinking and Driver Compartment. Twist-Lock Photocell/Smart Controls Adaptable. Nickel-Plated Stainless Steel Hardware.

**Listing & Ratings:**

ETL: Listed for Wet Locations, ANSI/UL 1598, 8750; IP66 Sealed LED Compartment.

**Finish:**

Textured Architectural Bronze Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

**Lens:**

Clear One-Piece Molded Type IV UV-Stabilized Polycarbonate Lens.

**Mounting Options:**

Mount Directly Over a 4 Recessed Outlet Box, Includes Easy-Hang “Two Hands Free” Wall Mounting Bracket with Built-In Level. Optional Trim Plate is Available for Use in Retrofit Applications to Cover Wall Surface Blemishes.

**LED Array:**

Aluminum Boards

**Wattage:**

- 17w: Array: 16.57w, System: 19.4w (100w HID Equivalent)
- 25w: Array: 24.9w, System: 28.4w (100w HID Equivalent)
- 37w: Array: 37.3w, System: 41.8w (175w HID Equivalent)
- 81w: Array: 80.8w, System: 83.7w (175w HID Equivalent)

**Driver:**

Electronic Driver, 120-277V, 50/60Hz or 347-480V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection is 2kV for 25w, 6kV for 37 and 81w. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

**Controls:**

Fixtures Ordered with Factory-Installed Photocell or Motion Sensor Controls are Internally Wired for Switching and/or 1-10V Dimming Within the Housing. Remote Direct Wired Interface of 1-10V Dimming is Not Implied and May Not Be Available, Please Consult Factory. Fixtures are Tested with LEDALUX Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

**Warranty:**

5-Year Warranty for -40°C to +50°C Environment.

**ORDERING INFORMATION**

EXAMPLE: QDS-3101-D-1X81-U-5K-C-Z-SP



Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
QDS-3101 = LED Small Full Cutoff Wall Mount	D=Type IV	1X17 =17w 1X25 =25w 1X37 =37w 1X81 =81w	U=120-277V H=347/480V	3K =3000K	C=Clear UV-Stabilized Polycarbonate Array Lens	Z=Bronze C=Custom (Consult Factory)	SF =Single Fuse* DF =Double Fuse* SP =Surge Protection R3 =3-Pin Twist Lock Photocell Receptacle R5 =5-Pin Twist Lock Photocell Receptacle R7 =7-Pin ANSI C136.41—2013 Twist Lock Photocell Receptacle PC3 =Photocell, 120-277VAC S23 =Internal Microwave Sensor with Dimming for Mounting Heights of 25' or Less.* S43 =Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19'.* BU =Battery Backup, 90 Minutes (17w, 25w, 37w & 81w)* BUC =Cold Start Battery Backup, -20°C, 90 Minutes (17w, 25w, 37w & 81w)*  *120-277V Models Only.

**ACCESSORIES & REPLACEMENT PARTS**

Accessories (Order Separately, Field Installed)	
P18131	Twist Lock Non-Shorting (Open) Cap Disconnects Service to Fixture for Temporary or Permanent Disabling (Fixture Always Off). IP65, 480V Maximum.
P18132	Twist Lock Shorting Cap Provides Fixed Service to Fixture (Fixture Always on). IP65, Rated Load 7200w Tungsten.
P18140	110-120VAC Instant Twist Lock Photocell
P18152	277VAC Time Delay Twist Lock Photocell
P18156	120-277VAC Universal Twist Lock Photocell
WPC44TPB	Aluminum Two-Piece Trim Plate, Black Powdercoat Finish, 13"W x 9"H
SSBS	Stainless Steel Bird Spikes

**WPC44TPZ\***    **P18131**    **P18132**    **P18140**  
**P18152**    **P18156**

**\*Shown Mounted.**

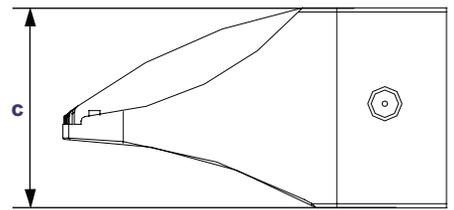
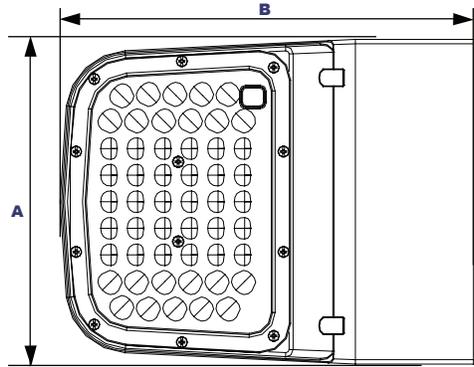
Replacement Parts (Order Separately, Field Installed)	
ACCHSG3	Bronze UV-Stabilized Polycarbonate Housing for Installing Sensors, Includes Sensor Bracket and Gasket.
P18103	120-277VAC Photocell
P17117	Internal Microwave Sensor with Dimming for Mounting Heights of 8 to 40'. 120-277VAC, 50/60Hz
P17123	Internally Mounted Microwave On/Off Motion Sensor for Mounting Heights of 8' to 19', 120-277VAC, 50/60Hz

For Replacement Battery Backup, see the LED Battery Backup Specification Sheet.

**ACCHSG3**    **P18103**    **P17117**    **P17123**

**DIMENSIONS**

<b>Width (A)</b>	8¾" (220mm)
<b>Length (B)</b>	11" (280mm)
<b>Height (C)</b>	5¼" (146mm)



**PHOTOMETRIC PERFORMANCE**

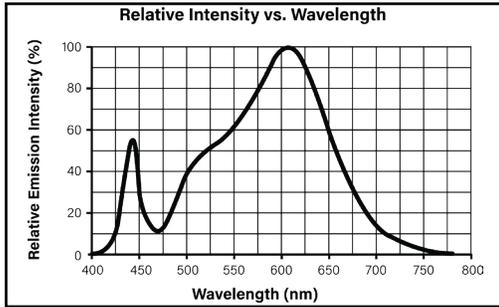
LUMEN OUTPUT FOR 3000K WITH CLEAR PC LENS

Wattage (Catalog Logic)	17w (1X17)	25w (1X25)	37w (1X37)	81w (1X81)	
Input Watts	19	28	42	84	
Optic	CCT				
Type IV (4)	3000°K (3K)	2,151	3,167	4,259	8,582
	BUG Rating	B1-U0-G1	B1-U0-G1	B1-U0-G1	B2-U0-G2

Please refer to the fixture's IES file for detailed information. Subject to change.

**SPECTRAL CHARTS**

3000° K



**PROJECTED LUMEN MAINTENANCE**

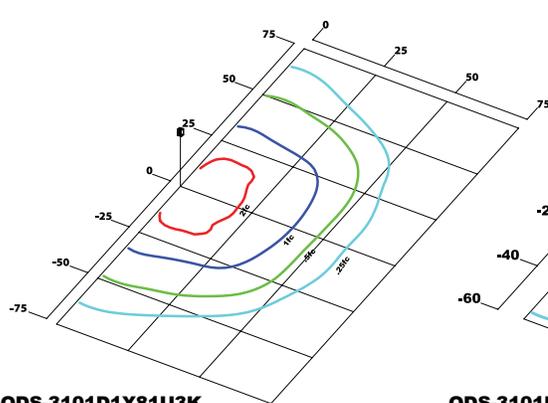
Data shown for 3000 CCT

Compare to MH

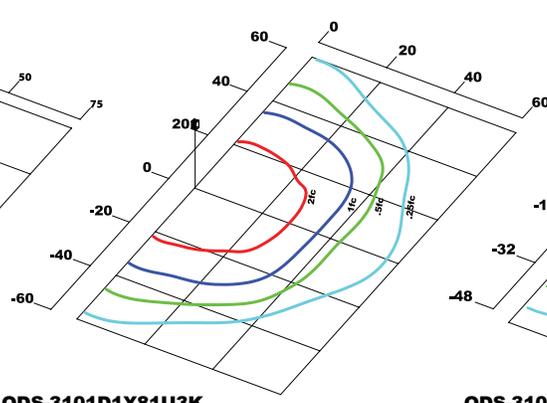
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated LED Life
<b>L70 Lumen Maintenance @ 25°C / 77°F</b>	All wattages up to and including 84w	1.00	0.99	0.98	0.95	646,000
<b>L70 Lumen Maintenance @ 50°C / 122°F</b>		1.00	0.98	0.97	0.93	455,000
<b>L80 Lumen Maintenance @ 40°C / 104°F</b>		1.00	0.98	0.97	0.94	320,000

- NOTES:**
1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
  2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.

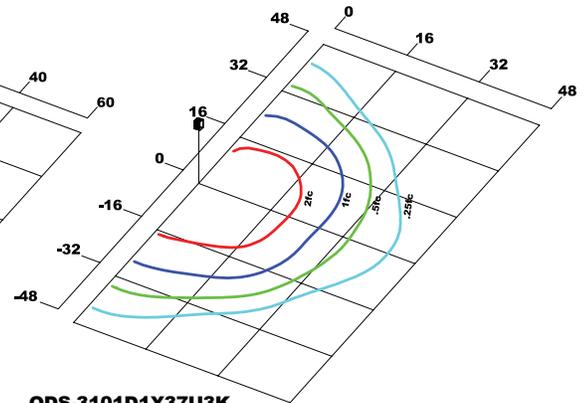
**PHOTOMETRIC DATA**



**QDS-3101D1X81U3K**  
**Type IV**  
Grid in MH  
MH=25 Feet



**QDS-3101D1X81U3K**  
**Type IV**  
Grid in MH  
MH=20 Feet



**QDS-3101D1X37U3K**  
**Type IV**  
Grid in MH  
MH=16 Feet