



## Equator Series | EQL-SL-D-3'

Date

Notes

Project

Type Qty

### Features

Extruded, shallow 2 1/2" aluminum housing.

LED optimized optics for smooth, efficient illumination.

Programmable driver for custom lumen packages.

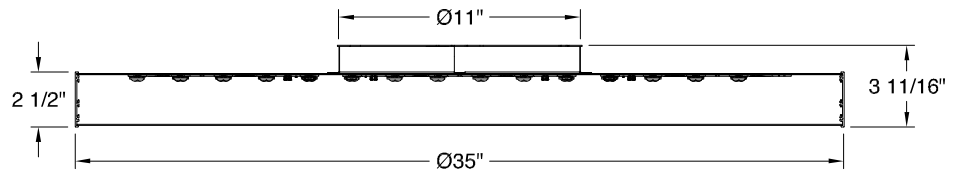
0-10V dimming to 1% standard or Dim-to-Off.

DMX, Lutron and DALI protocols also available.

Sensor Ready for wireless Smart Lighting Solutions.

ADA compliant wall mount luminaire.

**Declare** Red List Approved.



### Ordering Guide

**Declare.** BAA



MODEL	OPTICS	CCT	LUMENS <sup>1</sup>	DIAMETER	MOUNTING <sup>2</sup>	FINISH	OPTIONS
<b>EQL-SL-D</b>				<b>3</b>			
EQL-SL-D Direct	<b>STANDARD</b> SI = Satin Ice Flat Acrylic lens.	27 = 2700K 90CRI* 30 = 3000K 80CRI 35 = 3500K 80CRI 40 = 4000K 80CRI 50 = 5000K 80CRI  90 CRI add "9" Ex: 940 = 4000K @ 90 CRI. 2700K always 90 CRI	<b>SI LENS (Flat)</b> LO = 4388 (40W, 110LPW)  SO = 5680 (53W, 107LPW) HO = 6887 (66W, 104LPW)  <b>CUSTOM</b> Specify < HO. Ex: Enter 5500 for 5500 Lumens.	3 = 35"	AC = Aircraft Cable  PD = Pendant Stem  ACM = Mono- Point  S = Surface  WM = Wall Mount	W = White CC = Custom Color  AMW = Anti-Microbial White	<b>DIMMING DRIVERS</b> DIM10 = 0-10V (1%) Standard DTO = 0-10V (Dim-to-Off) DIMST = 0-10V Step Dimming DIMSR = DALI Sensor Ready (5.0%) DALI = DALI (5.0%) DMX = DMX  <b>LUTRON™ DIMMING DRIVERS</b> LDE1 = Hi-Lume 1% EcoSystem LD2 = Digital 1% (DALI-2) L3DA3W = Hi-Lume 1% 3-Wire  <b>SENSORS &amp; CONTROLS<sup>3</sup></b> AVO = Avi-On Sensor AWNS = Lutron Athena Sensor ESN = EasySense Sensor CAS = Casambi Wireless Control  <b>EMERGENCY<sup>4</sup></b> EMC = Emergency Circuit GTD = Generator Transfer Device EPC4 = 4W Emergency Battery EPC6 = 6.5W Emergency Battery EPC10 = 10W Emergency Battery EPC12 = 12W Emergency Battery  <b>WIRING</b> FWH = Flexible Wiring Harness

<sup>1</sup>Lumens at 80CRI, 4000K, SI lens. Photometry page 2.

<sup>2</sup>See page 2 for mounting option details.

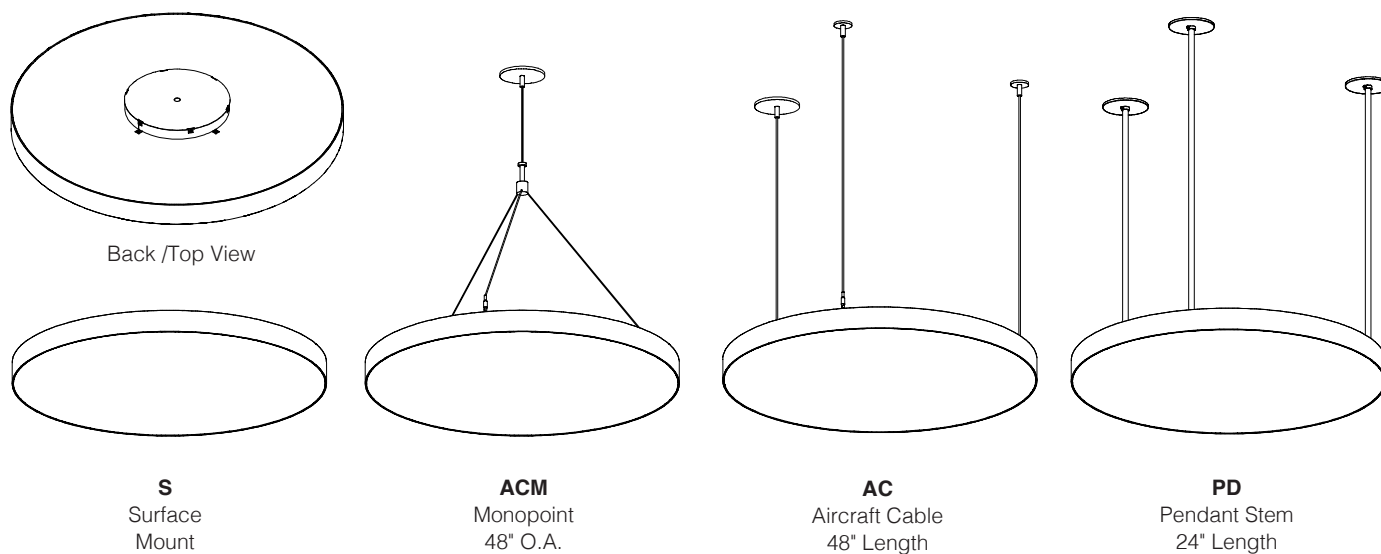
<sup>3</sup>All sensors remote mount only.

<sup>4</sup>EPC6 is standard unless otherwise specified. EPC not for DMX drivers.

**BAA** letter of compliance available at [www.dayolite.com](http://www.dayolite.com).

## Suspensions

Standard suspension options include adjustable self-locking aircraft cables (AC), a 3-into-1 monopoint (ACM) and rigid pendant stems (PD). AC assembly is 48" x 1/16" with a 5" feed canopy and 2" suspension canopies. 60" 18 gauge power and 22 gauge dimming control SJT feed. PD assemblies are 5/8" dia. (or 3/8" IP) hollow stem for power feed by others, 24" is standard.



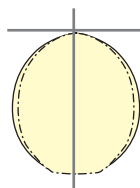
Consult factory for longer ACM, AC and PD suspension lengths.

See page 4 for number of AC & PD suspension points per diameter..

All feed canopies 5" dia., all non-feed canopies 2" dia.

All canopies white unless requested otherwise.

## Photometry



### EQL-SL-D-SI-40-**LO**-3

4000K CCT  
WATTS: 40  
LUMENS: 4388  
LPW: 110  
Distribution:  
100% Direct

### EQL-SL-D-SI-40-**SO**-3

4000K CCT  
WATTS: 53  
LUMENS: 5680  
LPW: 107  
Distribution:  
100% Direct

### EQL-SL-D-SI-40-**HO**-3

4000K CCT  
WATTS: 66  
LUMENS: 6887  
LPW: 104  
Distribution:  
100% Direct

4000K @ 80CRI, SI lens.

Use the following multipliers for other CCTs: 2700K x 0.94, 3000K x 0.96, 3500K x 0.98, 5000K x 1.02. IES files @ [www.dayolite.com](http://www.dayolite.com)

## Specifications

**HOUSING:** One-piece aluminum spinning for a clean seamless appearance.

**REFLECTOR:** Die-formed, 20-gauge, cold rolled steel in high gloss baked white enamel.

**OPTICS:** Satin Ice Acrylic flat lens standard.

**LEDS:** LED modules in 27/30/35/40 & 50K CCT, 80 CRI (90CRI available). Lumen maintenance minimum  $L_{70}$  = 50,000 hours. 3 SDCM color consistency. Zhaga compliant (Book 7). Field replaceable.

**DRIVER:** Standard driver is Class 2 AOC 0-10V to 1%, 120/277V input, PF > 90%, THD < 20 @ 120V. Additional dimming protocols available. All drivers prewired from factory for connection to control system (by others). Field replaceable.

**MOUNTING:** Standard options include adjustable self-locking aircraft cables (AC), monopoint (ACM) and rigid pendant stems (PD). AC assembly is 48" x 1/16" with a 5" feed canopy and 2" suspension canopies. 18 gauge power and 22 gauge dimming control SJT feed. A 3-into-1 monopoint is also available.

**FINISH:** Housing and components finished in baked white enamel. Canopies and pendant stems are white enamel unless otherwise specified. 5" Feed canopy w/2" Suspension canopies.

**CERTIFICATION:** Luminaires are cETLus listed conforming to UL STD. 1598 and certified to CSA STD C22.2 NO. 250.0. Suitable for dry & damp locations. Union Made in the United States of America. I.B.E.W., BAA compliant, Declare Red List Approved.

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