DAY-O-LITE

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.

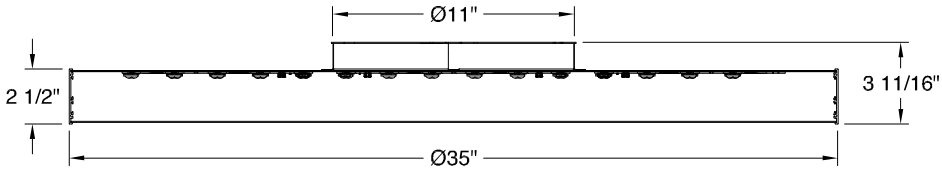
0-10V dimming to 1% standard or Dim-to-Off.

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

MODEL	OPTICS	CCT	LUMENS[1]	DIAMETER	MOUNTING[2]	FINISH	OPTIONS
EQL-SL-D				**3**			
EQL-SL-D Direct	**STANDARD** 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	**SI LENS (Flat)** LO = 4454 (42W, 106LPW) SO = 5860 (56W, 105LPW) HO = 7266 (70W, 104LPW) **CUSTOM** Specify < HO. Ex: Enter 6500 for 6500 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	**DIMMING DRIVERS** 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 **LUTRON™ DIMMING DRIVERS** LDE1 = Hi-Lume 1% EcoSystem LD2 = Digital 1% (DALI-2) L3DA3W = Hi-Lume 1% 3-Wire **SENSORS & CONTROLS**[3] AVO = Avi-On Sensor AWNS = Lutron Athena Sensor ESN = EasySense Sensor CAS = Casambi Wireless Control **EMERGENCY**[4] EMC = Emergency Circuit GTD = Generator Transfer Device EPC4 = 4W Emergency Battery EPC6 = 6.5W Emergency Battery EPC10 = 10W Emergency Battery EPC12 = 12W Emergency Battery **WIRING** FWH = Flexible Wiring Harness

[1]Lumens at 80CRI, 4000K, SI lens. Photometry page 2.

[2]See page 2 for mounting option details.

[3]All sensors remote mount only.

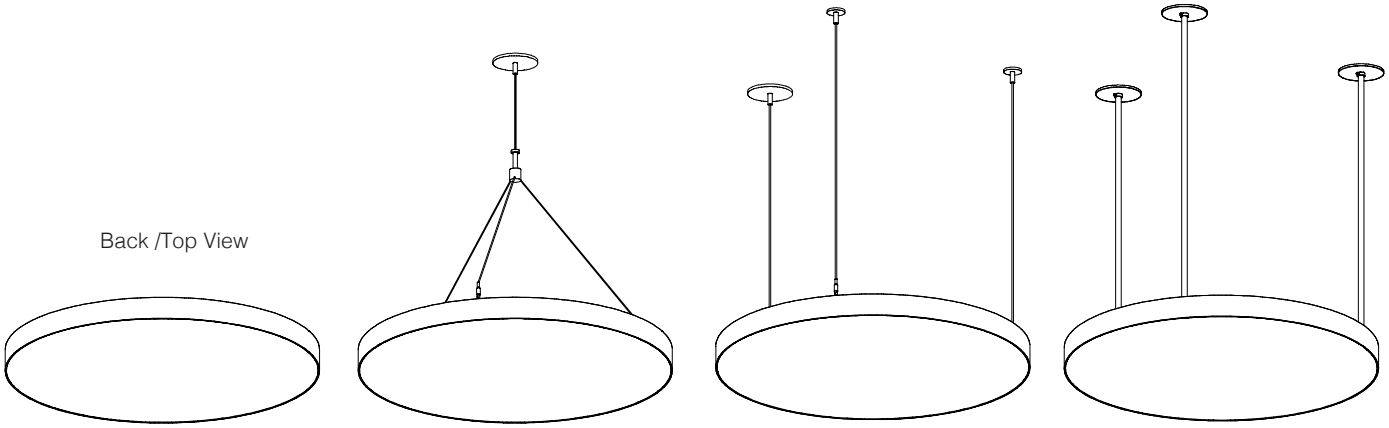
[4]EPC6 is standard unless otherwise specified. EPC not for DMX drivers.

BAA letter of compliance available at 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.



S
Surface
Mount

ACM
Monopoint
48" O.A.

AC
Aircraft Cable
48" Length

PD
Pendant Stem
24" Length

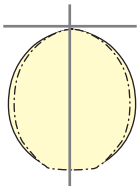
Consult factory for longer ACM, AC and PD suspension lengths.

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: 42
LUMENS: 4454
LPW: 106
Distribution:
100% Direct

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

4000K CCT
WATTS: 56
LUMENS: 5860
LPW: 105
Distribution:
100% Direct

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

4000K CCT
WATTS: 109
LUMENS: 7266
LPW: 104
Distribution:
100% Direct

40000K @ 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

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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