



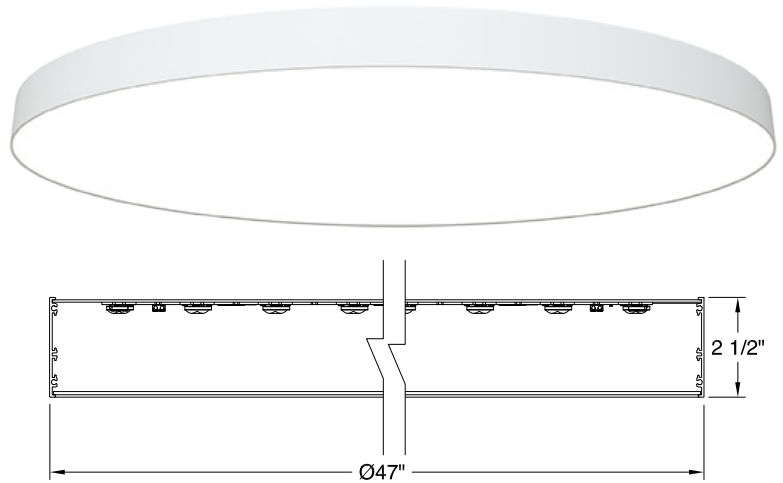
Equator Series | EQL-SL-D-4'

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				4			
EQL-SL-D Direct	<p>STANDARD</p> <p>SI = Satin Ice Flat Acrylic lens.</p> <p>OPTIONAL</p> <p>CX = Opal Acrylic Convex lens.</p> <p>SP = Satin Ice Acrylic flat lens with Indirect decorative Spill Light</p> <p>(For surface mounting)</p>	<p>27 = 2700K 90CRI*</p> <p>30 = 3000K 80CRI</p> <p>35 = 3500K 80CRI</p> <p>40 = 4000K 80CRI</p> <p>50 = 5000K 80CRI</p> <p>90 CRI add *9" Ex: 940 = 4000K @ 90 CRI. 2700K always 90 CRI</p>	<p>SI LENS (Flat)</p> <p>LO = 2952 (62W, 99LPW)</p> <p>SO = 4054 (83W, 98LPW)</p> <p>HO = 5021 (105W, 97LPW)</p> <p>CX LENS (Convex)</p> <p>LO = 2922 (62W, 104LPW)</p> <p>SO = 4021 (83W, 103LPW)</p> <p>HO = 4974 (105W, 102LPW)</p> <p>CUSTOM</p> <p>Specify < HO.</p>	4 = 47"	<p>AC = Aircraft Cable</p> <p>PD = Pendant Stem</p> <p>ACM = Mono-Point</p> <p>S = Surface</p> <p>WM = Wall Mount</p>	<p>W = White</p> <p>CC = Custom Color</p> <p>AMW = Anti Microbial White</p>	<p>DIMMING DRIVERS</p> <p>DIM10 = 0-10V (1%) Standard</p> <p>DTO = 0-10V (Dim-to-Off)</p> <p>DIMST = 0-10V Step Dimming</p> <p>DIMSR = DALI Sensor Ready (5.0%)</p> <p>DALI = DALI (5.0%)</p> <p>DMX = DMX</p> <p>LUTRON™ DIMMING DRIVERS</p> <p>LDE1 = Hi-Lume 1% EcoSystem</p> <p>LD2 = Digital 1% (DALI-2)</p> <p>L3DA3W = Hi-Lume 1% 3-Wire</p> <p>SENSORS & CONTROLS³</p> <p>AVO = Avi-On Sensor</p> <p>AWNS = Lutron Athena Sensor</p> <p>ESN = EasySense Sensor</p> <p>CAS = Casambi Wireless Control</p> <p>EMERGENCY⁴</p> <p>EMC = Emergency Circuit</p> <p>GTD = Generator Transfer Device</p> <p>EPC4 = 4W Emergency Battery</p> <p>EPC6 = 6.5W Emergency Battery</p> <p>EPC10 = 10W Emergency Battery</p> <p>EPC12 = 12W Emergency Battery</p> <p>WIRING</p> <p>FWH = Flexible Wiring Harness</p> <p>DWH = DMX Wiring Harness</p>

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

²See page 2 for mounting option details.

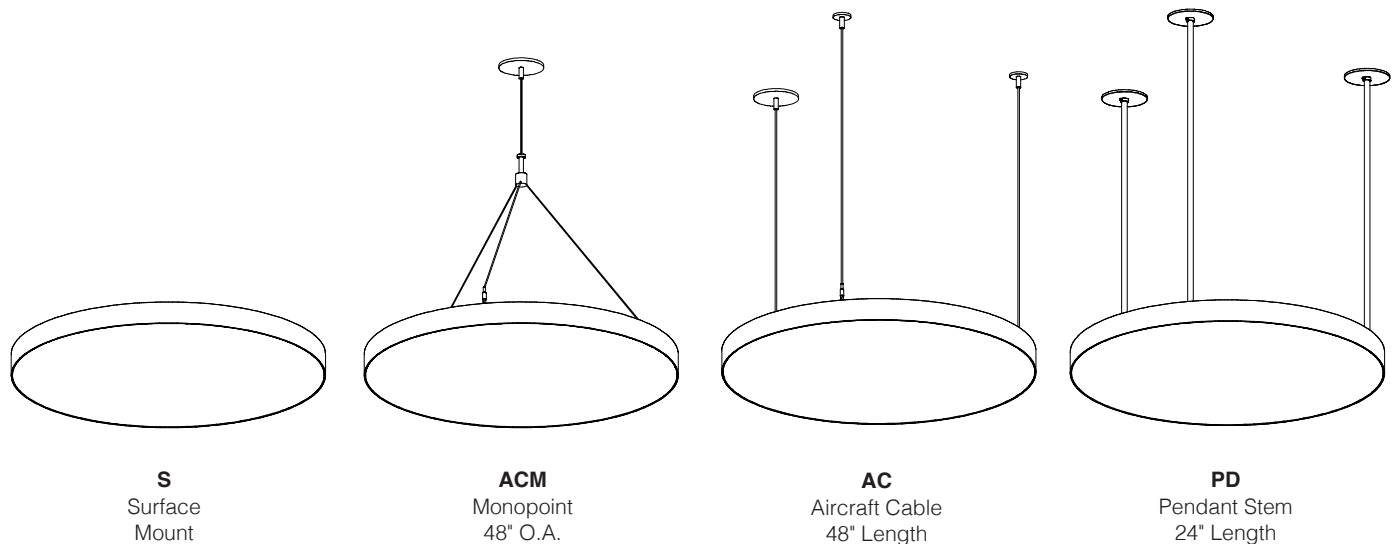
³All sensors remote mount only.

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

BAA letter of compliance available at www.dayolite.com.

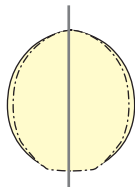
Suspensions

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.



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



FLAT LENS

EQL-SL-D-SI-40-LO-4
 4000K CCT
 WATTS: 62
 LUMENS: 6145
 LPW: 99
 Distribution:
 100% Direct

EQL-SL-D-SI-40-SO-4
 4000K CCT
 WATTS: 83
 LUMENS: 8194
 LPW: 98
 Distribution:
 100% Direct

EQL-SL-D-SI-40-HO-4
 4000K CCT
 WATTS: 105
 LUMENS: 10,242
 LPW: 97
 Distribution:
 100% Direct

CONVEX LENS

EQL-SL-D-CX-40-LO-4
 4000K CCT
 WATTS: 62
 LUMENS: 6458
 LPW: 104
 Distribution:
 100% Direct

EQL-SL-D-CX-40-SO-4
 4000K CCT
 WATTS: 83
 LUMENS: 8611
 LPW: 103
 Distribution:
 100% Direct

EQL-SL-D-CX-40-HO-4
 4000K CCT
 WATTS: 105
 LUMENS: 10,763
 LPW: 102
 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

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 (SI) lens or opal acrylic convex (CX) lenses available.

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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