Date	Notes
Project	
Type Qty	

Satin Ice (SI) Flat Lens and
5° vertical tilt shown.
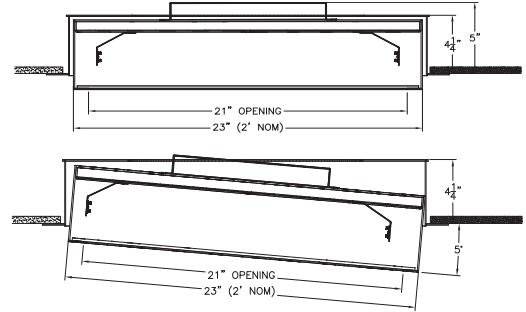
Features

Durable spun aluminum housing 5" deep for smooth illumination.

LED optimized optics for even illumination across entire lens surface.

Installs 360° horizontally in any direction and 0° or 5° vertically for directional control.

High efficiency programmable driver for custom lumen packages. 0-10V dimming to 1% standard.

Declare Red List Approved.

Ordering Guide

Declare. BAA — made in USA — cETLus LISTED — CSA

MODEL	OPTICS	CCT[1]	LUMENS[2]	DIAMETER	MOUNTING[3]	FINISH	OPTIONS
EQL-SR-D				**2**			
EQL-SR-D Direct	SI = Satin Ice Acrylic (Flat) CX = Opal Acrylic (Convex)	27 = 2700K 80CRI 30 = 3000K 80CRI 35 = 3500K 80CRI 40 = 4000K 80CRI 50 = 5000K 80CRI **BIOS SkyBlue** Spectrally optimized circadian solutions. **TUNABLE WHITE** (2700K-6500K) 2DIM10 = for 0-10V 2DMX = for DMX 2ESN = for Philips 2CAS = for Casambi 2LUT = for Lutron **DIM-TO-WARM** (2700K-6500K) DTW = Dim-to-Warm **RGB + WHITE** RGB = RGB RGBW = RGBW RGBWW = RGBWW	**SI LENS (Flat)** LO = 2952 (32W, 92LPW) SO = 4054 (42W, 97LPW) HO = 5021 (53W, 95LPW) **CX LENS (Convex)** LO = 2922 (32W, 91LPW SO = 4021 (42W, 96LPW) HO = 4974 (53W, 94LPW) **CUSTOM** Specify < HO.	2 = 2 ft	F = Flange	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**[4] AVO = Avi-On Sensor AWNS = Lutron Athena Sensor ESN = EasySense Sensor CAS = Casambi Wireless Control **EMERGENCY**[5] 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 DWH = DMX Wiring Harness

[1]All LED, BIOS, Tunable White, DTW, and RGB/W options and Ordering Codes page 2.

[2]Lumens at 80CRI, 4000K, SI lens. Photometry page 3.

[3]See page 3 for mounting option details.

[4]All Sensor & Control options page 2.

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

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

LED, BIOS, Sensor & Control Ordering Codes

LED

Static White

30 = 3000K 80 CRI
35 = 3500K 80 CRI
40 = 4000K 80 CRI
50 = 5000K 80 CRI

927 = 2700K 90 CRI
930 = 3000K 90 CRI
935 = 3500K 90 CRI
940 = 4000K 90 CRI

Tunable White[1]
(2700K-6500K)

2DIM10 = 0-10V 80 CRI
2DMX = DMX 80 CRI
2CAS = Casambi Wireless 80 CRI
2ESN = Philips EasySense 80 CRI
2LUT = Lutron (LD2) 80 CRI

92DIM10 = 0-10V 90 CRI
92DMX = DMX 90 CRI
92CAS = Casambi Wireless 90 CRI
92ESN = Philips EasySense 90 CRI
92LUT = Lutron (LD2) 90 CRI

Dim-to-Warm[2]

DTW = 6500K-2700K 80 CRI
9DTW = 5000K-3000K 90 CRI

RGB/W[3]

(80 CRI, Consult factory for 90 CRI)

RGB = RGB only
RGB27 = RGB w/2700K
RGB30 = RGB w/3000K
RGB35 = RGB W/3500K
RGB40 = RGB w/4000K
RGB50 = RGB w/5000K
RGBWW = RGB w/2700K-6500K

Single Color[4]

RED = Red
BLU = Blue
GRN = Green
AMB = Amber

BIOS SkyBlue

bios
ILLUMINATED

BIOS SkyBlue biological technology brings the benefits of blue skies inside. BIOS SkyBlue is the only spectrally optimized circadian solution to pinpoint the region that drives wellness benefits including: increased alertness, enhanced productivity, better mood, and better sleep. More information may be found at www.bioslighting.com or by contacting Day-O-Lite directly. All options for 0-10V control.

BIOS Biological Static
For daytime applications. BIOS Static Biological LED features key BIOS SkyBlue (490nm) for maximum daytime circadian impact.

B30 = 3000K
B35 = 3500K
B40 = 4000K

BIOS Biological Dynamic White
Designed to transition from daytime to evening in a dim-to-warm protocol. The daytime CCT includes full BIOS SkyBlue (490nm) for maximum daytime circadian impact, while the evening spectrum removes BIOS SkyBlue for a minimal circadian stimulus after hours.

B30D = 3000K-2700K
B35D = 3500K-3000K
B40D = 4000K-3500K

BIOS Biological Tunable White
Designed to transition from daytime to evening in a tunable white protocol. The daytime CCT includes full BIOS SkyBlue (490nm) for maximum daytime circadian impact, while the evening spectrum removes BIOS SkyBlue for a minimal circadian stimulus after hours.

B30T = 3000K-2700K
B35T = 3500K-2700K
B40T = 4000K-2700K

Sensors & Controls

Sensors

AVO = Avi-On Occ/Day
AVM = Avi-On Occ (Microwave)
BNV = BubblyNet Occ/Day
ENC = Encelium Occ/Day
ENL = EnLighted Occ/Day/Temp
LEG = Legrand Occ/Day
ANW = Lutron Athena Occ/Day
VIVE = Lutron Vive Occ/Day
NLT = Acuity nLight Occ/Day
NXC = Current NX Occ/Day
ESN = Philips EasySense Occ/Day
WVL = Cooper WaveLinx Occ/Day

Wireless Control

CAS = Casambi

Sensors and control options to be commissioned wirelessly in the field by qualified controls personnel with applicable apps (by others).

Other Options

Other sensor and wireless control options are available. Contact factory for details.
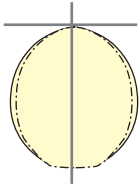
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[1]Tunable white may be controlled by a number of dimming protocols as shown.

[2]Dim-to-Warm mimics incandescent dimming by warming the CCT from 6500K to 2700K as light levels are dimmed.

[3]All RGB, RGBW and RGBWW options for DMX control (by others).

[4]Single colors are constant voltage LEDs. Dimming requires ELV controller (by others).

Photometry

SI LENS (Flat)

EQL-SR-D-SI-40-**LO**-2

4000K CCT
WATTS: 32
LUMENS: 2952
LPW: 92
Distribution:
100% Direct

SI LENS (Flat)

EQL-SR-D-SI-40-**SO**-2

4000K CCT
WATTS: 42
LUMENS: 4054
LPW: 97
Distribution:
100% Direct

SI LENS (Flat)

EQL-SR-D-SI-40-**HO**-2

4000K CCT
WATTS: 53
LUMENS: 5021
LPW: 95
Distribution:
100% Direct

CX LENS (Convex)

EQL-SR-D-CX-40-**LO**-2

4000K CCT
WATTS: 32
LUMENS: 2922
LPW: 91
Distribution:
100% Direct

CX LENS (Convex)

EQL-SR-D-CX-40-**SO**-2

4000K CCT
WATTS: 42
LUMENS: 4021
LPW: 96
Distribution:
100% Direct

SI LCX LENS (Convex)

EQL-CX-D-SI-40-**HO**-2

4000K CCT
WATTS: 53
LUMENS: 4974
LPW: 94
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 or opal acrylic convex lenses available.

LED: Static white LED modules in 27/30/35/40 & 50K CCT, 80/90CRI. Lumen maintenance minimum L_{70}= 50,000 hours. 3 SDCM color consistency. BIOS SkyBlue, RGB, RGBW, RGBWW, Advanced Color, Tunable White and Dim-to-Warm options available; field replaceable.

DRIVER: Standard driver is Class 2 AOC 0-10V to 1%, Dim-to-Off available. 120/277V input, PF > 90%, THD < 20 @ 120V. DMX, DALI & Lutron protocols available. All drivers prewired for connection to control system (by others), field replaceable.

MOUNTING: Semi-recessed installation in plaster, drywall or wood ceilings.

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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