

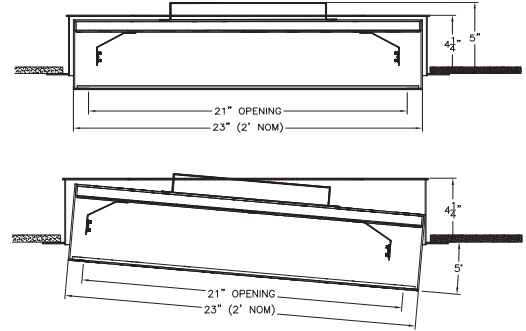


Equator Series | EQL-SR-D-2' Semi-Recessed

| | |
|---------|-------|
| 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.

High efficacy LEDs in 80 or 90 CRI; two or three channel tunable white; five channel tunable color.

Ordering Guide

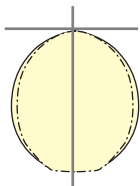
| MODEL | OPTICS | CCT ¹ | LUMENS ² | DIAMETER | MOUNTING | FINISH | OPTIONS |
|-----------------|---|--|--|----------|--|--|--|
| EQL-SR-D | | | | 2 | | | |
| EQL-SR-D Direct | SI = Satin Ice Acrylic (Flat) CX = Opal Acrylic (Convex) | 27 = 2700K 80CRI 30 = 3000K 80CRI 35 = 3500K 80CRI 40 = 4000K 80CRI 50 = 5000K 80CRI 90 CRI add *9' Ex: 940 = 4000K @ 90 CRI | 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) Consult factory for VHO and other lumen packages. All values nominal. | 2 = 2 ft | F = Flange For plaster ceilings only. | W = White CC = Custom Color AMW = Anti-Microbial White | DIMMING DRIVERS DIM10 = 0-10V (1.0%) - Standard DIMSR = 0-10V (5.0%) Sensor Ready DIMST = Step Dimming (40%/100%) DALI = DALI (5.0%) LUTRON™ DIMMING DRIVERS LDE1 = Hi-Lume™ 1% EcoSystem™ LDE5 = 5-Series 5% EcoSystem™ L3DA3W = Hi-Lume™ 1% 3-Wire LTEA2W = Hi-Lume 1% 2-Wire 120V INTEGRAL CONTROL CAS = Casambi Bluetooth control EMERGENCY EMC = Emergency Circuit GTD = Generator Transfer Device EPC4 = 4W Emergency Battery Pack EPC7 = 7W Emergency Battery Pack EPC10 = 10W Emergency Battery Pack EPC12 = 12W Emergency Battery Pack |
| | TUNABLE WHITE & COLOR¹ <u>2-Channel White</u> 2DIM10 = for 0-10V 2DALI = for DALI 2DMX = for DMX 2PSQ = for Lutron 2SNS = for Signify 2CAS = for Casambi <u>3-Channel White</u> 3DLM = for DLM <u>3-Channel Color</u> RGB <u>4-Channel Color/White</u> RGBW <u>5-Channel Color/Warm White/Cool White</u> RGBWW | | | | | | |

¹Tunable white, tunable color and RGB/W options detailed on page 3.

²Delivered Lumens are Standard Output (SO) and Low Output (LO) at 80+CRI 4000K CCT. Use multiplier to estimate delivered lumens at other CCTs: 2700K = 0.94, 3000K = 0.96, 3500K = 0.98, 5000K = 1.02.



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

Specifications

HOUSING: One-piece aluminum spinning. Installs 360° horizontally and with 0° or 5° tilt vertically for directional lighting.

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). L_{70} = 50,000 hours, 3 SDCM, 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: Recessed in plaster ceilings only.

FINISH: Fixture housing and steel components are finished in baked white enamel applied over a five-stage pretreatment process.

CERTIFICATION: Luminaires are cETLus listed conforming to UL STD. 1598 and certified to CSA STD C22.2 NO. 250.0. Dry location only. Union Made in the United States of America. I.B.E.W. RoHS compliant.

Day-O-Lite offers a variety of tunable white and tunable color options for a range of human centric applications and budgets. It is recommended that a recognized authority on the benefits and best practices of tunable white be consulted prior to specification. As a rule, fewer channels will provide a basic level of performance for budget conscious applications. Conversely, an increased number of channels, a wider CCT range, higher CRI and more precise color consistency may be more appropriate depending on the application and desired results.

HOW TO SPECIFY

Select from the various channel/control options below and insert desired **Ordering Code** into the **COLOR TEMP** column of the Ordering Guide on page 1. No need to add a dimming option as the codes include the chosen protocol.

2-CHANNEL TUNABLE WHITE OPTIONS

2700K - 6500K CCT range
 1000L/ft LED modules @ 4000K
 80+ CRI w/3SDCM color accuracy
 10W/ft. nominal power

Ordering Codes

2DIM10 for 0-10V control
2DALI for DALI control
2DMX for DMX control
2PSQ for Lutron Quantum control
2SNS for control via Signify SNS sensors
2CAS for control via Casambi BLE wireless devices

LEGRAND BLANCO MULTI-CHANNEL OPTIONS

Blanco-2

Blanco-2 mixes two channels of white LEDs to approximate the blackbody curve for tunable white applications. CCT and intensity may be adjusted with controls by others.

3000K-5000K CCT range
 1000L/ft LED modules @ 4000K
 90+ CRI w/2SDCM color accuracy
 10W/ft. nominal power

Ordering Codes

B2DLM for DLM control

Blanco-3

Blanco-3 mixes three channels of white LEDs across a wider range of color temperatures for more demanding tunable white applications. CCT and intensity may be adjusted with controls by others.

2700K-6500K CCT range
 1000L/ft. LED modules @ 4000K
 90+ CRI w/2SDCM color accuracy
 10W/ft. nominal power

Ordering Codes

B3DLM for DLM control

RGB & RGBW TUNABLE COLOR

RGB = Red, Green, Blue color mixing LEDs
 RGB/W = Red, Green, Blue + White of chosen CCT
 Dimming form 100% to 1%.
 90+ CRI w/3SDCM color accuracy
 10W/ft. nominal power

Notes:

RGB requires an RGB DMX or DALI controller (by others)

RGBW requires an RGBW DMX or DALI controller (by others)

All channels on one driver is standard, if isolating the White from the RGB channels is desired please consult factory.

RGB and RGBW are not recommended for tunable white applications.

Ordering Codes

RGB for DMX control
RGB27 for DMX control w/2700K white
RGB30 for DMX control w/3000K white
RGB35 for DMX control w/3500K white
RGB40 for DMX control w/4000K white
RGB50 for DMX control w/5000K white
RGB65 for DMX control w/6500K white
 Add Suffix **DAL** for DALI Control to codes above.

5-CHANNEL TUNABLE WHITE AND COLOR

RGBWW = Red, Green, Blue, Warm White, Cool White.
 Consult factory for RGBWW tunable white/color options.

Day-O-Lite makes no claims as to the psychological or physiological efficacy of the white color tuning options offered herein.