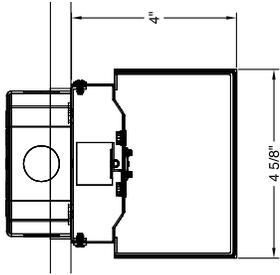


Date		Notes
Project		
Type	Qty	



Direct/Indirect



J-box by others



Horizontal or Vertical Mounting



Features

- Mount vertically or horizontally to any wall.
- Durable prefinished steel housing and end caps.
- LED optimized optics for smooth, continuous illumination.
- Programmable driver for custom lumen packages. 0-10V Standard.
- High efficacy LEDs in 80 or 90 CRI; tunable white and tunable color.
- A Declare Red List Approved product.**

Ordering Guide

MODEL	OPTICS	CCT ¹	LUMENS ⁴	SIZE ⁵	MOUNTING ⁶	FINISH	OPTIONS
IRSL-DI	WOA						
IRSL Direct/Indirect	WOA = White Opal Acrylic	<p>ALL SIZES:</p> <p>STATIC WHITE¹ 27 = 2700K 30 = 3000K 35 = 3500K 40 = 4000K 50 = 5000K</p> <p>3' & 4' ONLY:</p> <p>BIOS SkyBlue² Spectrally optimized circadian solutions.</p> <p>TUNABLE WHITE³ (2700K-6500K) 2DIM10 = for 0-10V 2CAS = for Casambi</p>	<p>2'</p> <p>LO = 1414 (10W, 141LPW) SO = 1885 (13W, 145LPW) HO = 2355 (16W, 147LPW)</p> <p>3'</p> <p>LO = 1793 (13W, 138LPW) SO = 2856 (19W, 150LPW) HO = 3571 (24W, 149LPW)</p> <p>4'</p> <p>LO = 2877 (20W, 144LPW) SO = 3835 (26W, 146LPW) HO = 4793 (32W, 150LPW)</p>	<p>2 = 2'</p> <p>3 = 3'</p> <p>4 = 4'</p>	<p>WM = Wall Mount</p>	<p>W = White</p> <p>CC = Custom Color</p> <p>End caps maybe be different finish than housing. Consult factory for details.</p>	<p>DIMMING DRIVERS DIM10 = 0-10V (1%) - Standard DIMST* = Step Dimming 40%/100% *Available in 3' & 4' sizes only</p> <p>LUTRON™ DRIVERS & SENSORS LDE1* = Hi-Lume™ 1% EcoSystem™ L3DA3W* = Hi-Lume™ 1% 3-Wire *Available in 3' & 4' sizes only</p> <p>EMERGENCY CIRCUIT EMC = Emergency Circuit</p> <p>BATTERY BACK-UP PACK EPC4 = 4W Emergency Battery Pack EPC7* = 7W Emergency Battery Pack EPC10* = 10W Emergency Battery Pack EPC12* = 12W Emergency Battery Pack *Available in 4' size only</p> <p>Not all options available in all sizes. Please consult factory.</p>

¹ CCT @ 80CRI, 3SDCM. For 90CRI add prefix "9"; ex: 935 = 3500K, 90CRI.

² BIOS SkyBlue Biological Static & Dynamic page 3.

³ Tunable White, RGB +White and Advanced Color ordering codes page 2.

⁴ Lumens @ 80CRI, WOA lens. Photometrics page 4.

⁵ Actual dimensions page 4.

⁶ Mounting details page 4.



BIOS SkyBlue

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.

BIOS Biological Static - Daytime Solution

BIOS Biological Static solutions are designed for daytime applications. BIOS Static Biological LED features key BIOS SkyBlue™ (490nm) for maximum daytime circadian impact. BIOS Static Biological LED Light Engines are available in 3000K, 3500K, and 4000K. Lighting controls are easy; simply switch the lights on/off or the lights can be dimmed using a single-channel constant current (CC) LED driver with any standard dimming interface.

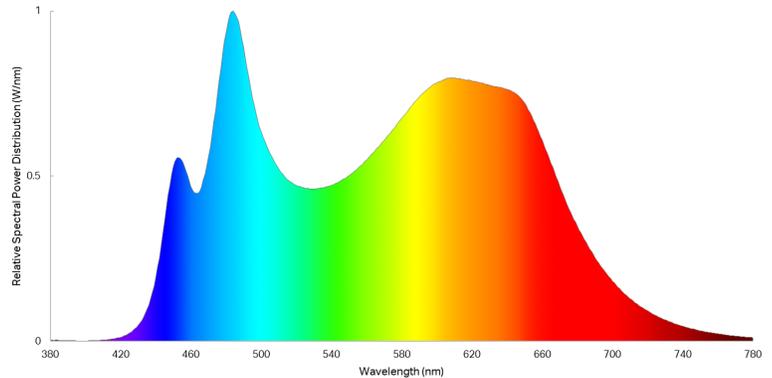
Applications:

- Spaces occupied during the daytime ~7am – 7pm
- K-12 Schools / Higher Education
- Offices
- Daytime Adult Care Facilities
- Medical Offices

BIOS Biological Static
Ordering Codes:

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

BIOS Biological Static 3500K



BIOS Biological Dynamic - Day & Night Solution A

BIOS Biological Dynamic solutions are 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™ altogether, providing a minimal circadian stimulus after hours. Available in 3000K-2700K, 3500K-3000K and 4000K-3500K. Simply dim the lights in the evening to remove the daytime SkyBlue wavelengths (490nm) and convert your lights from day mode to night mode via a single controller (0-10V, ELV, DMX, Wireless).

BIOS Biological Tunable White - Day & Night Solution B

BIOS Biological Tunable solutions are 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™ altogether, providing a minimal circadian stimulus after hours. Available in 3000K-2700K, 3500K-3000K and 4000K-3500K. Simply dim the lights in the evening to remove the daytime SkyBlue wavelengths (490nm) and convert your lights from day mode to night mode via a single controller (0-10V, ELV, DMX, Wireless).

BIOS Biological Tunable is also compatible with two-channel color tuning systems. Simply dim the lights in the evening to convert your lights from day mode to night mode via a multi-channel controller (0-10V, ELV, DMX, Wireless). 3000K, 3500K and 4000K CCTs all dim to 2700K.

Applications:

- Spaces occupied overnight (~ 7pm to 7am)
- 24-hour spaces
- Shiftwork & Hospitals
- Senior Living, Alzheimer's Dementia & Assisted Living
- Higher Education, including student and staff
- Workplace, including areas occupied after 7pm

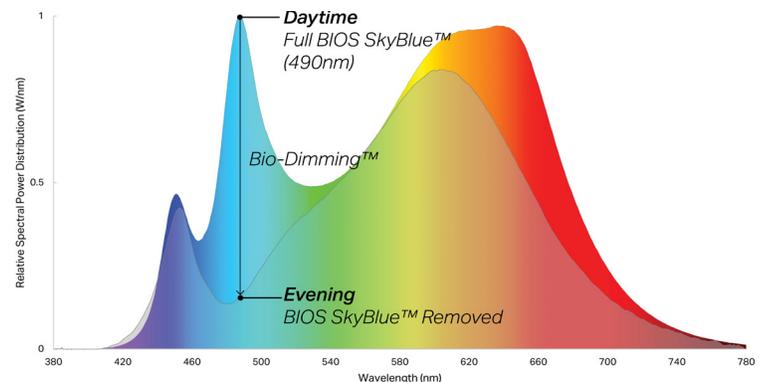
BIOS Biological
Dynamic White
Ordering Codes:

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

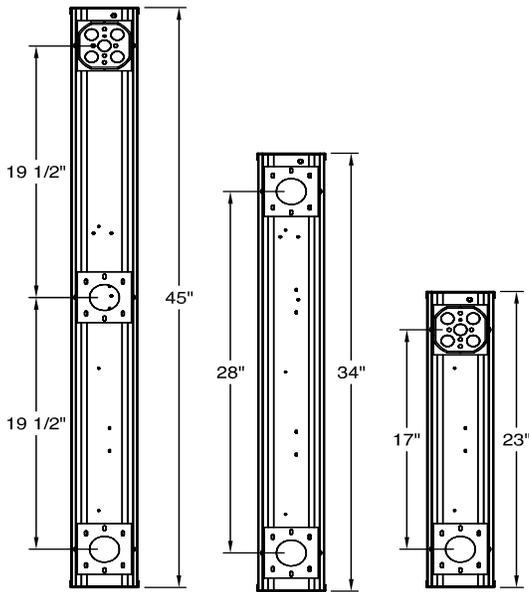
BIOS Biological
Tunable White
Ordering Codes:

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

BIOS Biological Dynamic 3500K

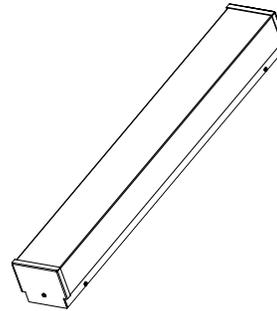


Dimensions



NOMINAL LENGTH	ACTUAL LENGTH	MTNG. 1 O.C.	MTNG. 2 O.C.
2'	23"	17"	
3'	34"	28"	
4'	45"	19-1/2"	19-1/2"

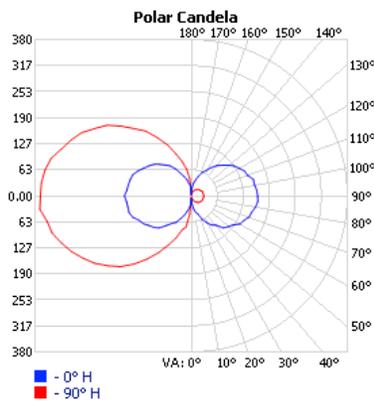
MOUNTING: Standard installation is wall mount (vertical or horizontal) with included mounting brackets and hardware. Requires single-gang j-box supplied by others.



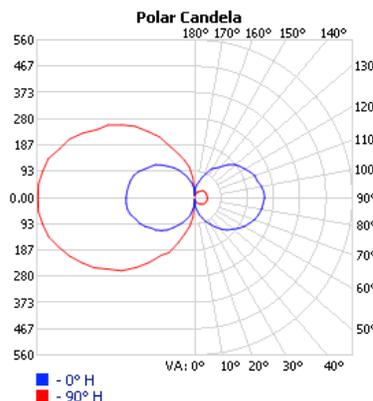
Photometry

SIZE	LO LUMENS	LO WATTS	LO LPW	SO LUMENS	SO WATTS	SO LPW	HO LUMENS	HO WATTS	HO LPW
2'	1413	10	141	1885	13	145	2355	16	147
3'	1793	13	138	2856	19	150	3571	24	149
4'	2877	20	144	3835	26	146	4792	32	150

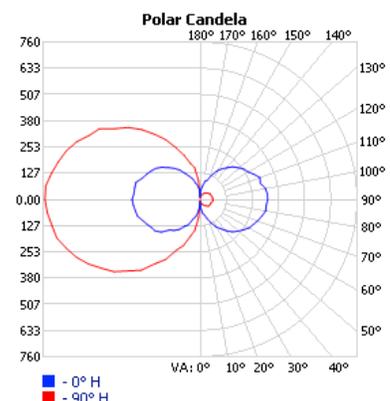
3500K @ 80CRI, vertical mounting (download IES files @ www.dayolite.com)



2' = 95% Direct, 5% Indirect



3' = 95% Direct, 5% Indirect



4' = 95% Direct, 5% Indirect

Specifications

CONSTRUCTION: 20 gauge CRS housing and internal components.

REFLECTOR Die-formed steel finished in highly reflective baked white enamel with pre-finished reflective LED tray.

OPTICS LED optimized snap-in opal white opal acrylic lens is standard.

LED Static white LED modules in 30/35/40 & 50K CCT, 80/90CRI. Lumen maintenance minimum L_{70} = 50,000 hours. 3 SDCM color consistency. BIOS SkyBlue and Tunable White options available. 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. Drivers prewired from factory for connection to control system (by others); field replaceable.

MOUNTING: Standard installation is wall mount with included mounting brackets and hardware. Requires single-gang j-box supplied by others.

FINISH Housing and components finished in baked white enamel. Canopies and pendant stems are white enamel unless otherwise specified.

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. RoHS compliant. DLC V5.1 listed. Declare Red List Approved.