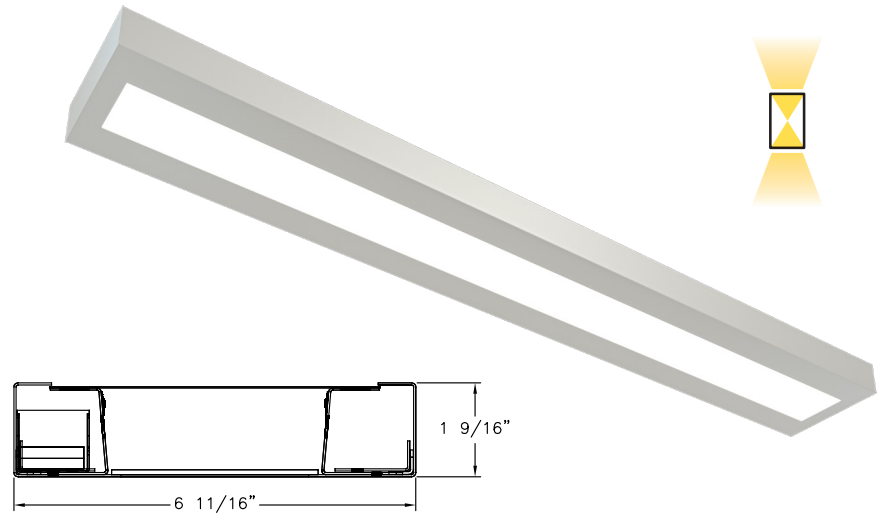


Date		Notes
Project		
Type	Qty	

### Features

- Durable steel housing w/welded end-plates.
- LED optimized optics in multiple configurations.
- 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.
- 80/90CRI, Tunable White, RGBW & RGBWW.
- Bios SkyBlue™ circadian solutions available.

**Declare** Red List Approved.



### Ordering Guide



MODEL	CCT	LUMENS / FT. <sup>2</sup>	LENGTH <sup>3</sup>	MOUNTING <sup>4</sup>	FINISH	OPTIONS
<b>ELTL-S1-D</b> 100% Direct Satin Ice Acrylic	<b>STATIC WHITE<sup>1</sup></b> 27 = 2700K 30 = 3000K 35 = 3500K 40 = 4000K 50 = 5000K	<b>ELITE-S1-D</b> LO = 1091 / 10W / 110LPW SO = 1455 / 14W / 108LPW HO = 1818 / 18W / 104LPW	4 = 4 ft 6 = 6 ft 8 = 8 ft	ACY = Aircraft Cable (Y)	W = White CC = Custom Color	<b>DIMMING DRIVERS</b> 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
<b>ELTL-S2-DI</b> 20% Indirect, 80% Direct Satin Ice Acrylic/Perf Top	<b>BIOS SkyBlue</b> Spectrally optimized circadian solutions.	<b>ELITE-S2-DI</b> LO = 1002 / 10W / 100LPW SO = 1336 / 14W / 99LPW HO = 1658 / 18W / 95LPW	For other enter row length (e.g. 48 = 48 ft)			<b>LUTRON™ DIMMING DRIVERS</b> LDE1 = Hi-Lume 1% EcoSystem LD2 = Digital 1% (DALI-2) L3DA3W = Hi-Lume 1% 3-Wire
<b>ELTL-S3-DI</b> 50% Indirect, 50% Direct Satin Ice Acrylic/White Opal Top	<b>TUNABLE WHITE</b> (2700K-6500K) 2DIM10 = for 0-10V 2DMX = for DMX 2ESN = for Philips 2CAS = for Casambi 2LUT = for Lutron	<b>ELITE-S3-DI</b> LO = 1316 / 10W / 132LPW SO = 1720 / 14W / 127LPW HO = 2106 / 18W / 120LPW				<b>SENSORS &amp; CONTROLS<sup>4</sup></b> AVO = Avi-On Sensor AWNS = Lutron Athena Sensor ESN = EasySense Sensor CAS = Casambi Wireless Control
<b>ELTL-S4-DI</b> 60% Indirect, 40% Direct Satin Ice Acrylic/White Opal Top	<b>DIM-TO-WARM</b> (2700K-6500K) DTW = Dim-to-Warm	<b>ELITE-S4-DI</b> LO = 1313 / 10W / 131LPW SO = 1716 / 14W / 127LPW HO = 4206 / 18W / 120LPW				<b>EMERGENCY<sup>5</sup></b> EMC = Emergency Circuit GTD = Generator Transfer Device EPC4 = 4W Emergency Battery EPC6 = 6.5W Emergency Battery EPC10 = 10W Emergency Battery EPC12 = 12W Emergency Battery
<b>ELTL-S5-DI</b> 70% Indirect, 30% Direct Satin Ice Acrylic/ClearAcrylic Top	<b>RGB + WHITE</b> RGB = RGB RGBW = RGBW RGBWW = RGBWW	<b>ELITE-S5-DI</b> LO = 1445 / 10W / 144LPW SO = 1888 / 14W / 140LPW HO = 2314 / 18W / 132LPW				<b>WIRING</b> TCW = Two Circuit Wiring FWH = Flexible Wiring Harness DWH = DMX Wiring Harness
<b>ELTL-S6-DI</b> 80% Indirect, 20% Direct Satin Ice Acrylic/Open Top		<b>ELITE-S6-DI</b> LO = 1494 / 10W / 149LPW SO = 1953 / 14W / 145LPW HO = 2392 / 18W / 137LPW				
<b>ELTL-S7-I</b> 100% Indirect Clear Acrylic Top		<b>ELITE-S7-I</b> LO = 1308 / 10W / 131LPW SO = 1710 / 14W / 127LPW HO = 2095 / 18W / 120LPW				
<b>ELTL-S8-I</b> 100% Indirect Open Top		<b>ELITE-S8-I</b> LO = 1392 / 10W / 139LPW SO = 1858 / 14W / 138LPW HO = 2323 / 18W / 134LPW				

<sup>1</sup>All LED, BIOS, Tunable White, DTW, and RGB/W options and Ordering Codes page 2.

<sup>2</sup>Lumens at 80CRI, 4000K, SI lens. Photometry page 4.

<sup>3</sup>See page 5 for mounting option details.

<sup>4</sup>All Sensor & Control options page 2.

<sup>5</sup>EPC6 is standard unless otherwise specified. EPC not for DMX drivers.

**BAA** letter of compliance available at [www.dayolite.com](http://www.dayolite.com).

## LED, BIOS, Sensor &amp; 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<sup>1</sup>  
(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<sup>2</sup>

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

RGB/W<sup>3</sup>

(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<sup>4</sup>

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

## 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](http://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 &amp; 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  
 WVW = 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.

<sup>1</sup>Tunable white may be controlled by a number of dimming protocols as shown.

<sup>2</sup>Dim-to-Warm mimics incandescent dimming by warming the CCT from 6500K to 2700K as light levels are dimmed.

<sup>3</sup>All RGB, RGBW and RGBWW options for DMX control (by others).

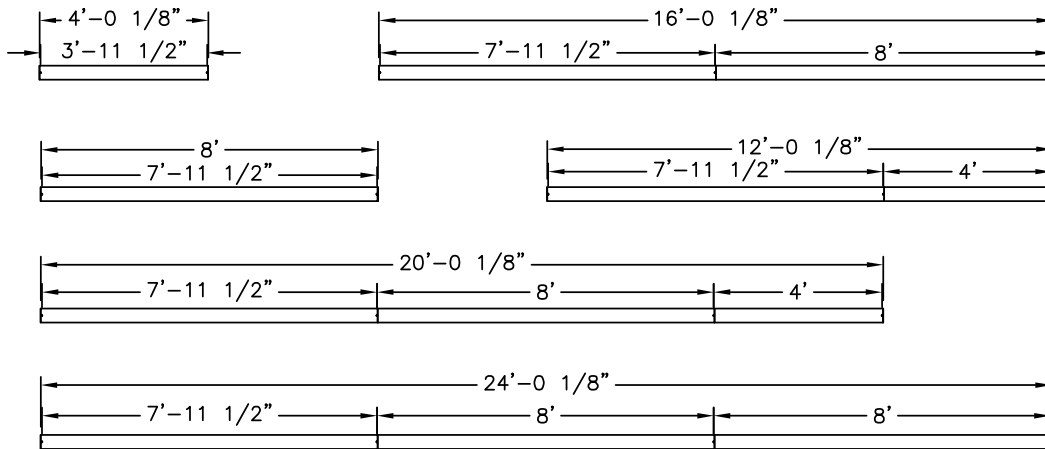
<sup>4</sup>Single colors are constant voltage LEDs. Dimming requires ELV controller (by others).

### Individual Fixtures & Continuous Rows

NOMINAL LENGTH	ACTUAL LENGTH	SUSP. 1 O.C.	SUSP. 2 O.C.	SUSP. 3 O.C.
4'	4' 1/8"	3'-11 1/2"		
8'	8' 1/8"	7'-11 1/2"	4'	
12'	12' 1/8"	7'-11 1/2"	8'	
16'	16' 1/8"	7'-11 1/2"	8'	4'
20'	20' 1/8"	7'-11 1/2"	8'	4'
24'	24' 1/8"	7'-11 1/2"	8'	8'

Individual fixtures up to 8' nominal and continuous rows up to 24' nominal and suspension centers are dimensioned as shown below. Continuous rows longer than 8' and patterns including EPC/EMC and sensor locations must be approved prior to manufacturing.

Standard Suspension Locations shown. Available with a variable spacing mounting option for precise vertical alignment of suspension cables. Consult factory for details.

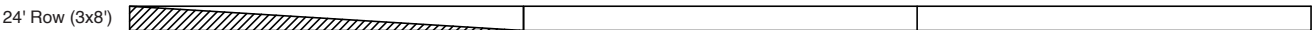


### Emergency & Sensor Locations

EPC will control entire length of individual fixtures. Individual fixtures of differing lengths will deliver the same lumens under EPC power (a 4' fixture will deliver the same total lumens over half the length of an 8' fixture). EMC controlled individual fixtures will deliver lumens per foot as originally specified, unless dimmed at time of power loss. Consult factory for EMC dimming override device.



For individual fixtures to 8' EPC/EMC will power entire fixture.



For continuous rows longer than 8' one EPC/EMC will be located in the feed section (end-left) of the row as shown below.



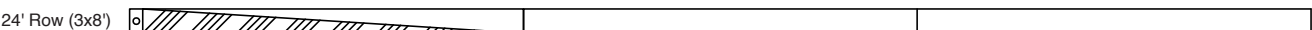
If two EPC/EMC's are required their default locations will be in the feed section (end-left) and last section (end-right) as below.



Custom placement of one or more EPC/EMC's must be clearly identified during ordering.



SENSORS (Integral) for individual fixtures will control entire length of fixture and will be located on feed end of fixture.

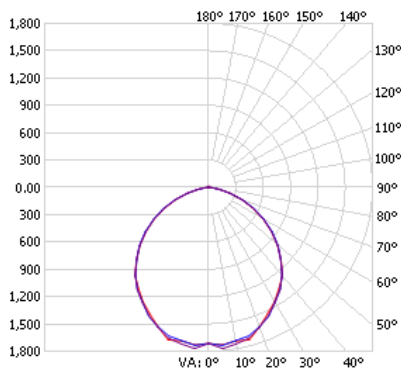


SENSORS for rows by default will control the feed section (end-left) of the row. Sensors can control more than an 8' section within a row. Consult factory for sensor/section options, or for multiple sensors in a continuous row.

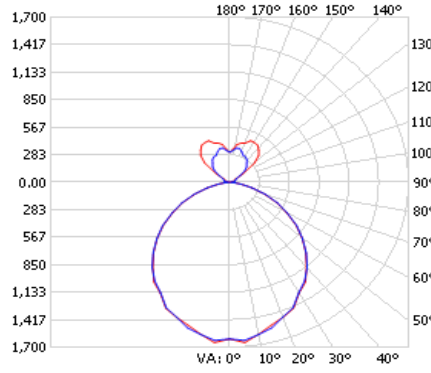
Photometrics

MODEL	DISTRIBUTION	SIZE	LO LUMENS	LO WATTS	LO LPW	SO LUMENS	SO WATTS	SO LPW	HO LUMENS	HO WATTS	HO LPW
ELTL-S1	Direct	4'	4364	40	110	5819	54	108	7270	70	104
ELTL-S2	20/80 Indirect/Direct	4'	4008	40	100	5344	54	99	6680	70	95
ELTL-S3	50/50 Indirect/Direct	4'	5262	40	132	6879	54	127	8427	70	120
ELTL-S4	60/40 Indirect/Direct	4'	5252	40	131	6866	54	127	8411	70	120
ELTL-S5	70/30 Indirect/Direct	4'	5780	40	144	7555	54	140	9255	70	132
ELTL-S6	80/20 Indirect/Direct	4'	5975	40	149	7810	54	145	9567	70	137
ELTL-S7	Indirect	4'	5232	40	131	6839	54	127	8378	70	120
ELTL-S8	Indirect	4'	5567	40	139	7431	54	138	9286	70	134

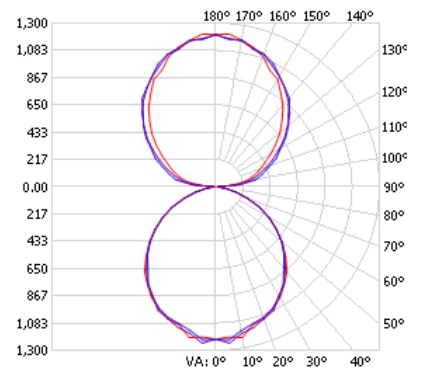
3500K @ 80CRI data shown (download IES files @ [www.dayolite.com](http://www.dayolite.com))



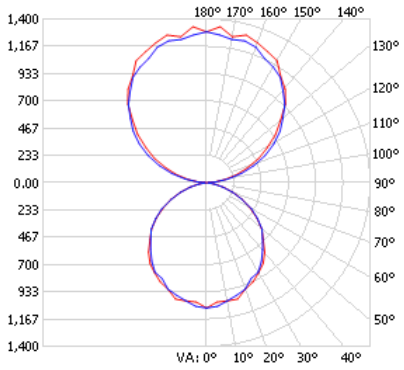
**S1** = 100% Direct  
SI Lens



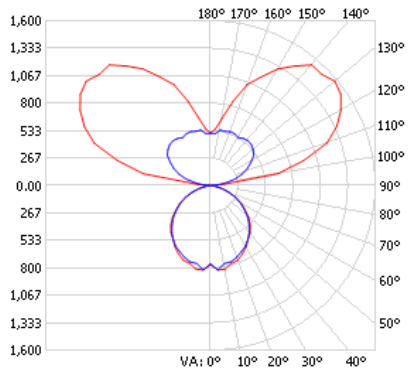
**S2** = 80% Direct, 20% Indirect  
SI Lens Direct, Perf Indirect



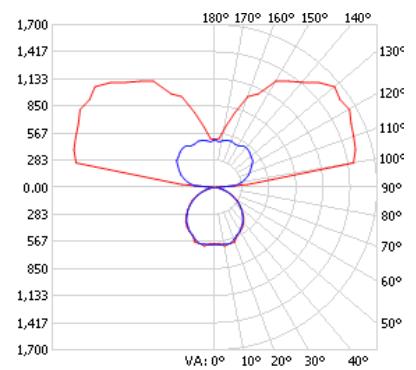
**S3** = 50% Direct, 50% Indirect  
SI Lens Direct, WOA Lens Indirect



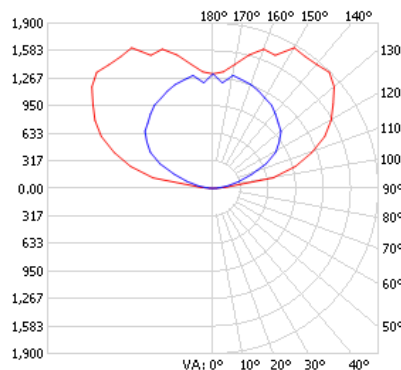
**S4** = 40% Direct, 60% Indirect  
SI Lens Direct, WOL Lens Indirect



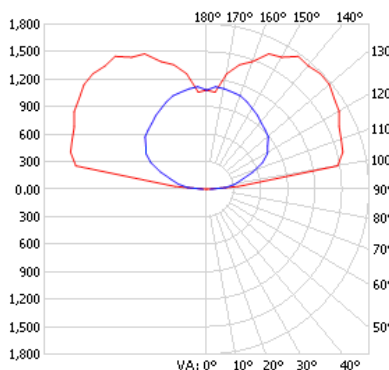
**S5** = 30% Direct, 70% Indirect  
SI Lens Direct, CA Lens Indirect



**S6** = 20% Direct, 80% Indirect  
SI Lens Direct, Open Top Indirect



**S7** = 100% Indirect  
CA Lens

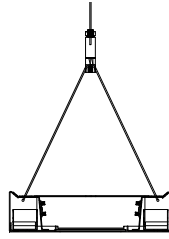


**S8** = 100% Indirect  
Open Top

## Standard Suspensions

Standard suspension is by adjustable self-locking aircraft Y-Cable assembly (ACY); 48" x 1/16" with a 5" feed canopy and 2" suspension canopies. 60" 18 gauge power and 22 gauge dimming control SJT feed is prewired at factory.

Available with a variable spacing mounting option for precise vertical alignment of suspension cables. Consult factory for details.



ACY = Aircraft Cable

## Specifications

**CONSTRUCTION:** Die-formed, 20-gauge, cold rolled steel.

**REFLECTOR:** Highly reflective, die-formed steel finished in baked white enamel is standard.

**OPTICS:** Satin Ice Acrylic (SI) direct, w/clear acrylic dust covers, white opal acrylic or white acrylic overlay indirect.

**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. Tunable White and Dim-to-Warm options available.

**DRIVER:** Standard driver is Class 2 AOC 0-10V to 1%, Dim-to-Off available. 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 (ACY). 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, prewired at factory.

**FINISH:** Fixture housing and steel components are finished in baked white enamel applied over a five-stage pretreatment process. Canopies and pendant stems are white enamel unless otherwise specified. Anti-Microbial white powder coat finish available.

**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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