

## Features

90 degree adjustable cove light with locking mechanism.

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.

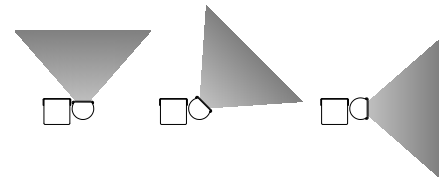
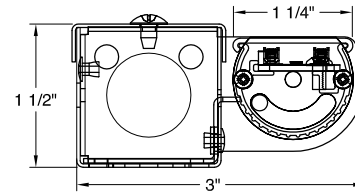
80/90CRI, Tunable White, RGBW & RGBWW.

Bios SkyBlue™ circadian solutions available.

Compatible with Armstrong® ceiling systems.

Decorative Sky Panel lenses available.

**Declare** Red List Approved.



90 Degree Adjustability

## Ordering Guide

MODEL	OPTICS	CCT <sup>1</sup>	LUMENS <sup>2</sup>	SIZE	MOUNTING <sup>3</sup>	FINISH	OPTIONS
<b>TRPL-13-I</b>	<b>SI</b>				<b>CS</b>		
TRPL-13-I Cove Indirect	SI = Satin Ice Acrylic (snap-on)	27 = 2700K 80CRI 30 = 3000K 80CRI 35 = 3500K 80CRI 40 = 4000K 80CRI 50 = 5000K 80CRI  90 CRI add '9' Ex: 940 = 4000K @ 90 CRI  <b>TUNABLE WHITE &amp; COLOR<sup>1</sup></b> (2700K-6500K CCT)  2DIM10 = for 0-10V 2DALI = for DALI  <b>DIM-to-WARM</b> (2700K-6500K CCT)  D2W = Dim-to-Warm	LO = 640/ft (5W/ft, 128LPW)  SO = 850/ft (7W/ft, 126LPW)  HO = 1060/ft (9W/ft, 121LPW)  <b>CUSTOM</b> For custom lumens specify value < HO	1 = 1ft 2 = 2ft 3 = 3ft 4 = 4ft 5 = 5ft 6 = 6ft 7 = 7ft 8 = 8ft  For other enter row length (e.g. 48 = 48 ft)	CS = Concealed	STD = Extruded aluminum LED tray w/white housing  AMW = Anti- Microbial White	<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>LUTRON™ DIMMING DRIVERS</b> LDE1 = Hi-Lume 1% EcoSystem LD2 = Digital 1% (DALI-2) L3DA3W = Hi-Lume 1% 3-Wire  <b>SENSORS &amp; CONTROLS<sup>4</sup></b> AVO = Avi-On Sensor AWNS = Lutron Athena Sensor ESN = EasySense Sensor CAS = Casambi Wireless Control  <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>WIRING &amp; OTHER</b> FWH = Flexible Wiring Harness DWH = DMX Wiring Harness

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

<sup>2</sup>Lumens at 80CRI, 4000K, SI lens. Photometry page 3.

<sup>3</sup>See page 4 for all mounting options.

<sup>4</sup>All Sensor & Control options page 2. All sensor options remote mount only.

<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 & 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 = 6500K-2700K 90 CRI

#### Single Color

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 target 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 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 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 for remote mount only.

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.

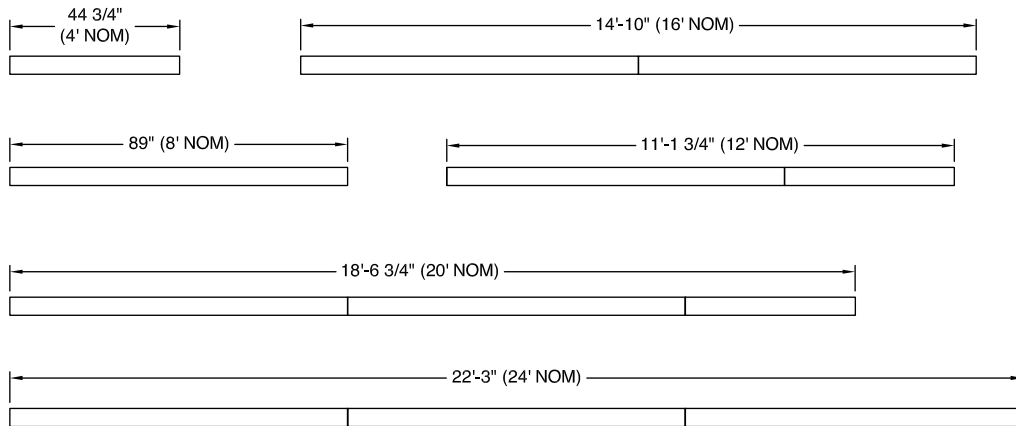
<sup>3</sup>All RGB, RGBW and RGBWW options for DMX control (by others). 80 CRI standard.

## Individual Fixtures & Continuous Rows

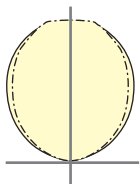
NOMINAL LENGTH	ACTUAL LENGTH
4'	44 3/4"
8'	89"
12'	11'-1 3/4"
16'	14' 10"
20'	18' 6-3/4"
24'	22' 3"

Individual fixtures may be combined into continuous rows by field joining ends through KO's on end plates. All fixtures are continuously illuminated.

Individual fixtures up to 8' nominal and continuous rows up to 24' nominal are dimensioned as shown below. Continuous rows longer than 24' EPC/EMC locations must be approved prior to manufacturing. EPC remote mount only.



## Photometry



TRPL-13-I-SI-40-**LO**-4

4000K CCT  
WATTS: 20  
LUMENS: 2560  
LPW: 128

TRPL-13-I-SI-40-**SO**-4

4000K CCT  
WATTS: 27  
LUMENS: 3413  
LPW: 126

TRPL-13-I-SI-40-**HO**-4

4000K CCT  
WATTS: 35  
LUMENS: 4240  
LPW: 121

4000K @ 80CRI, SI lens. DLC @ 3500K & 400K.

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](http://www.dayolite.com)

## Specifications

**HOUSING:** Die-formed steel and extruded aluminum (90 degree adjustability)

**REFLECTOR:** Die-formed steel finished in highly reflective baked white enamel.

**OPTICS:** Snap-on high efficiency Satin Ice (SI) acrylic lens.

**LEDS:** LED modules in 27/30/35/40 & 50K CCT, 80 CRI (90CRI available).  $L_{70}$  = 50,000 hours. 3 SDCM color consistency; 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:** All housings are supplied with 7/8" knockouts. Typical mounting is in a concealed cove.

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

**CERTIFICATION:** 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.

**LEGAL:** Day-O-Lite, a division of SCW Corporation. All rights reserved. The Day-O-Lite logo is a registered trademark of SCW Corporation. Day-O-Lite reserves the right to change specifications without notice for product improvement.