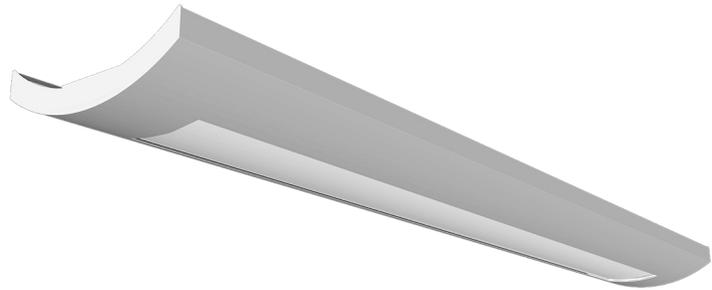
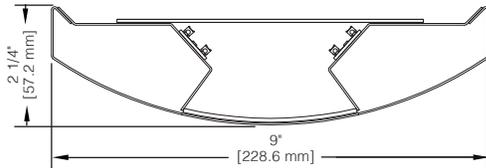




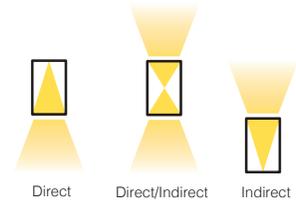
Stylite Series | STYSL

Date	Notes
Project	
Type	Qty



Features

- Die-formed steel housing w/welded end-plates.
- LED optimized optics in multiple configurations up and down.
- Direct/Indirect performance as a single circuit or individual up/down control with two circuits.
- 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	LUMENS ²	LENGTH ³	MOUNTING ⁴	FINISH	OPTIONS
STYSL-XX	WOA						
STYSL Direct/Indirect	WOA = White Opal Acrylic	27 = 2700K 80CRI 30 = 3000K 80CRI 35 = 3500K 80CRI 40 = 4000K 80CRI 50 = 5000K 80CRI	LO = 370/ft Direct 1110/ft Indirect (10W/ft, 140LPW)	4 = 4 ft 6 = 6 ft 8 = 8 ft	ACY = Aircraft Y-Cable PD = Pendant Stem	W = White CC = Custom Color AMW = Anti-Microbial White	DIMMING DRIVERS DIM10 = 0-10V (1%) - 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 SENSORS & CONTROLS ESN = Philips™ EasySense DAY = Daylight Harvesting OCC = Occupancy Sensor CAS = Casambi Bluetooth control VDO = Vive Sensor by Lutron 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
Select distribution below	w/clear acrylic dust covers on indirect if applicable.	90 CRI add *9* Ex: 940 = 4000K @ 90 CRI	SO = 470/ft Direct 1500/ft Indirect (14W/ft, 140LPW)	For other enter row length (e.g. 48 = 48 ft)			
1DI = 2R-STD		TUNABLE WHITE & COLOR¹	Above for 1DI distribution ONLY . See page 3 for all distributions and lumen packages.				
2DI = 2R-1U1D		<u>2-Channel White</u> 2DIM10 = for 0-10V 2DALI = for DALI 2DMX = for DMX 2PSQ = for Lutron 2SNS = for Signify 2CAS = for Casambi	Consult factory for additional lumen packages. All values nominal.				
3I = 1R-1U		<u>3-Channel White</u> 3DLM = for DLM					
4DI = 3R-2U1D		<u>3-Channel Color</u> RGB					
5I = 2R-2U		<u>4-Channel Color/White</u> RGBW					
6D = 2R-2D		<u>5-Channel Color/Warm White/Cool White</u> RGBWW					
7DIS = 1R-1D							
See page 3 for details of all distribution options.							

¹Tunable white, tunable color and RGB/W options detailed on page 5.

²Delivered Lumens are Standard Output (SO) and Low Output (LO) at 80+CRI 4000K CCT. Use the following multiplier to estimate delivered lumens at other CCTs: 2700K = 0.94, 3000K = 0.96, 3500K = 0.98, 5000K = 1.02. All values nominal. See page 3 and 4 for photometry.

³See page 2 for actual fixture lengths and suspension locations.

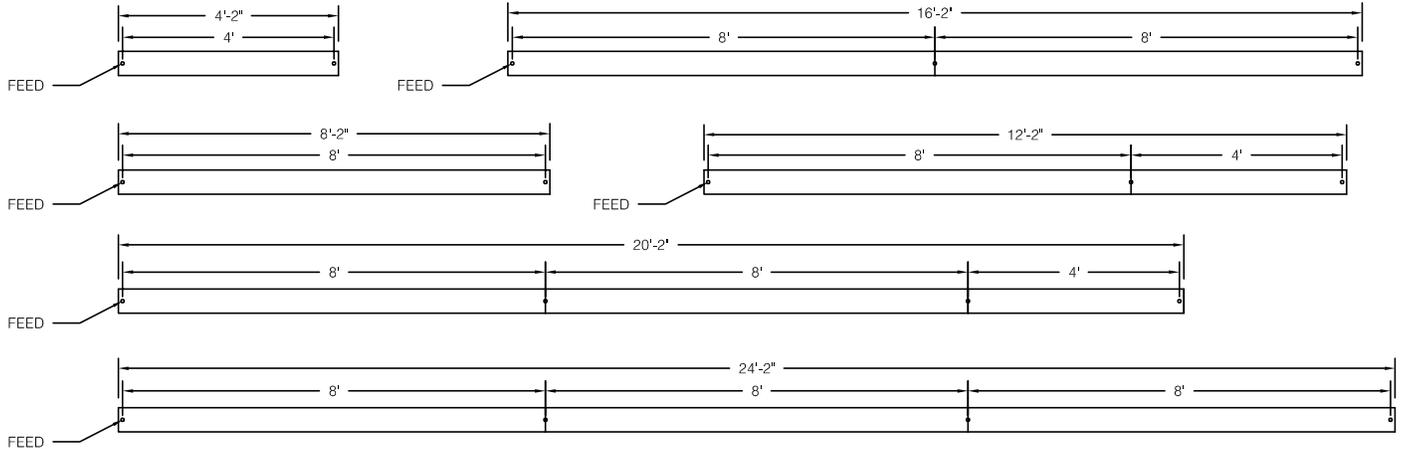
⁴See page 4 for suspension details.



Individual Fixtures & Continuous Rows

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

Power feed and suspension locations shown below. Continuous rows longer than 8' including EPC/EMC and sensor locations must be approved prior to manufacturing.



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.

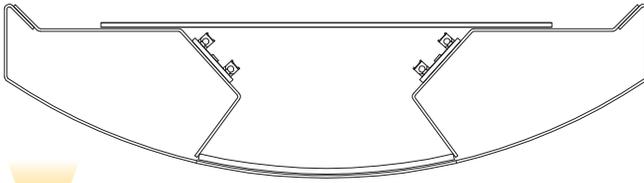


SENSORS (Integral) for individual fixtures will control entire length of fixture and will be located on feed end of fixture.



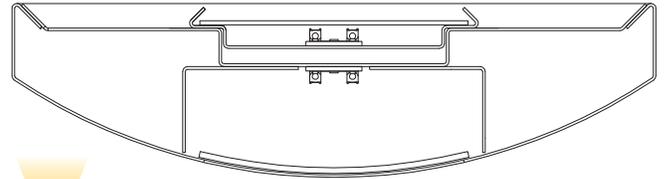
SENSORS for rows by default will control the feed section (end-left) of the row. Sensors can control more than an 8' section within a row. Consult factory for sensor/section options, or for multiple sensors in a continuous row.

Distribution Options



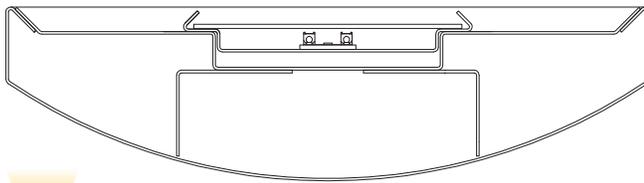
1DI = 2R (STD)
2 ROWS OF LEDS

CCT: 4000K Distribution:
 WATTS: 56 76% Indirect
 LUMENS: 7225 24% Direct
 LPW: 129



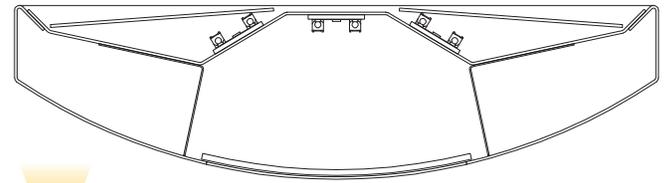
2DI = 2R
2 ROWS OF LEDS
1 UP / 1 DOWN

CCT: 4000K Distribution:
 WATTS: 56 54% Indirect
 LUMENS: 6860 46% Direct
 LPW: 122



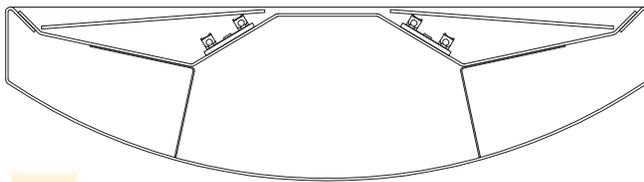
3I = 1R
1 ROW OF LEDS
1 UP

CCT: 4000K Distribution:
 WATTS: 28 100% Indirect
 LUMENS: 3689 0% Direct
 LPW: 132



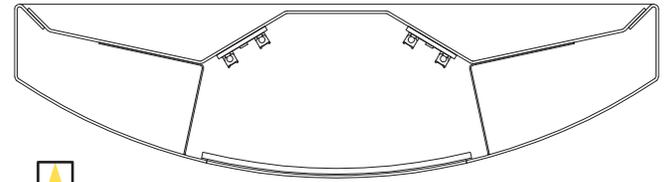
4DI = 3R
3 ROWS OF LEDS
2 UP / 1 DOWN

CCT: 4000K Distribution:
 WATTS: 84 72% Indirect
 LUMENS: 10,532 28% Direct
 LPW: 125



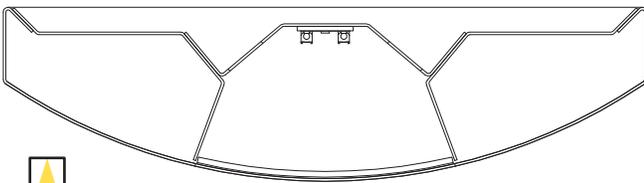
5I = 2R
2 ROWS OF LED
2 UP

CCT: 4000K Distribution:
 WATTS: 56 100% Indirect
 LUMENS: 7568 0% Direct
 LPW: 135



6D = 2R
2 ROWS OF LED
2 DOWN

CCT: 4000K Distribution:
 WATTS: 56 0% Indirect
 LUMENS: 5612 100% Direct
 LPW: 100



7DIS = 1R
1 ROW OF LEDS
1 DOWN

CCT: 4000K Distribution:
 WATTS: 28 21% Indirect
 LUMENS: 3362 79% Direct
 LPW: 120

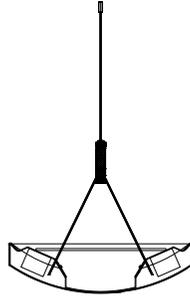
NOTES

- 1) Performance shown at 4000K CCT for nominal 4' fixture.
- 2) Standard Output (SO) shown above. Low Output (LO) = SO x 0.75.
- 3) See STYSL @ www.dayolite.com for all IES files.
- 4) Contact Day-O-Lite for additional information.

Standard Suspensions

Standard suspension options include adjustable self-locking aircraft cables (AC) and rigid pendant stems (PD). AC assembly is 48" x 1/16" with a 5" feed canopy and 2" suspension canopies. 60" 18 gauge power and 22 gauge dimming control SJT feed.

PD assemblies are 5/8" dia. (or 3/8" IP) hollow stem for power feed by others, 24" is standard. Consult factory for longer suspension lengths and other mounting options.



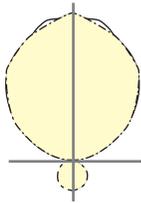
ACY = Aircraft Cable



PD = Pendant Stem

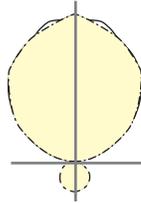
Photometry

STYSL-1DI-WOA-40-LO
White Opal Acrylic Lens (WOA)



4000K CCT
WATTS: 42
LUMENS: 5921
LPW: 140
Distribution:
24% Direct
76% Indirect

STYSL-1DI-WOA-40-SO
White Opal Acrylic Lens (WOA)



4000K CCT
WATTS: 56
LUMENS: 7895
LPW: 140
Distribution:
24% Direct
76% Indirect

Standard 1DI option shown. See dayolite.com
for IES files for all other distributions

Specifications

HOUSING: One-piece, die-formed, 20-gauge, cold rolled steel welded construction forming a 2 1/4" x 9" curved profile. Finished end caps are laser cut cold rolled steel.

REFLECTOR: Highly reflective, die-formed steel finished in baked white enamel is standard. Consult factory for high efficiency options.

SHIELDING: Clear acrylic dust covers standard indirect shielding. Sating Ice acrylic also available.

LEDS: LED modules in 30/35/40 & 50K CCT, 80+ CRI (90 CRI available). $L_{70} = 50,000$ hours @ 25 C° ambient temperature. 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 Standard options include adjustable self-locking aircraft cables (AC), and rigid pendant stems (PD). 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.

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.

CERTIFICATION: Luminaires are cETLus listed conforming to UL STD. 1598 and certified to CSA STD C22.2 NO. 250.0. Suitable for dry locations; consult factory for damp locations. 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.