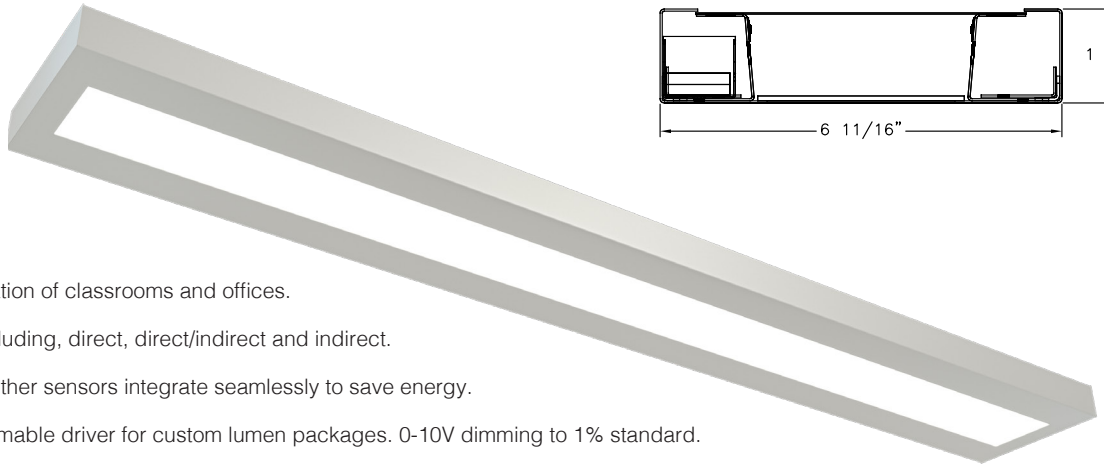
DAY-O-LITE

Elite Series | ELTL-S

Date	Notes
Project	
Type Qty	

Direct/Indirect



Features

Ideal for general illumination of classrooms and offices.

Multiple distributions including, direct, direct/indirect and indirect.

Philips EasySense and other sensors integrate seamlessly to save energy.

High efficiency programmable driver for custom lumen packages. 0-10V dimming to 1% standard.

High efficacy LEDs in 80 or 90 CRI, 3SDCM color accuracy.

A **Declare** Red List Approved product.

Ordering Guide

MODEL	CCT	LUMENS / FT.[2]	LENGTH[3]	MOUNTING[4]	FINISH	OPTIONS
ELTL-S1-D 100% Direct Satin Ice Acrylic	**STATIC WHITE**[1] 27 = 2700K 30 = 3000K 35 = 3500K 40 = 4000K 50 = 5000K	**ELITE-S1-D** LO = 1091 / 10W / 110LPW SO = 1455 / 13W / 110LPW HO = 1818 / 17W / 110LPW	4 = 4 ft 6 = 6 ft 8 = 8 ft For other enter row length (e.g. 48 = 48 ft)	ACY = Aircraft Cable (Y)	W = White CC = Custom Color	**DIMMING DRIVERS** DIM10 = 0-10V (1%) - **Standard** DIMSR = 0-10V (5.0%) Sensor Ready DIMST = Step Dimming (40%/100%) DALI = DALI (5.0%) DMX = DMX **LUTRON™ DRIVERS & SENSORS** LDE1 = Hi-Lume™ 1% EcoSystem™ L3DA3W = Hi-Lume™ 1% 3-Wire VDO = Vive Sensor by Lutron AWNR = Athena RF/Node AWNS = Athena Wireless Sensor **SENSORS & CONTROLS** ESN = PhilipsTM EasySense DAY = Daylight Harvesting OCC = Occupancy Sensor CAS = Casambi Bluetooth OTR = Other (specify) **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
ELTL-S2-DI 20% Indirect, 80% Direct Satin Ice Acrylic/Perf Top		**ELITE-S2-DI** LO = 1002 / 10W / 100LPW SO = 1336 / 13W / 100LPW HO = 1658 / 17W / 101LPW				
ELTL-S3-DI 50% Indirect, 50% Direct Satin Ice Acrylic/White Opal Top		**ELITE-S3-DI** LO = 1316 / 10W / 132LPW SO = 1720 / 13W / 130LPW HO = 2106 / 17W / 128LPW				
ELTL-S4-DI 60% Indirect, 40% Direct Satin Ice Acrylic/White Opal Top		**ELITE-S4-DI** LO = 1313 / 10W / 131LPW SO = 1716 / 13W / 130LPW HO = 4206 / 17W / 127LPW				
ELTL-S5-DI 70% IndIrect, 30% Direct Satin Ice Acrylic/ClearAcrylic Top		**ELITE-S5-DI** LO = 1445 / 10W / 144LPW SO = 1888 / 13W / 143LPW HO = 2314 / 17W / 140LPW				
ELTL-S6-DI 80% Indirect, 20% Direct Satin Ice Acrylic/Open Top		**ELITE-S6-DI** LO = 1494 / 10W / 149LPW SO = 1953 / 13W / 147LPW HO = 2392 / 17W / 145LPW				
ELTL-S7-I 100% Indirect Clear Acrylic Top		**ELITE-S7-I** LO = 1308 / 10W / 131LPW SO = 1710 / 13W / 129LPW HO = 2095 / 17W / 127LPW				
ELTL-S8-I 100% Indirect Open Top		**ELITE-S8-I** LO = 1392 / 10W / 139LPW SO = 1858 / 13W / 140LPW HO = 2323 / 17W / 140LPW				

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

[2] Lumens @ 80CRI. All photometrics page 5.

[3] Actual dimensions page 4.

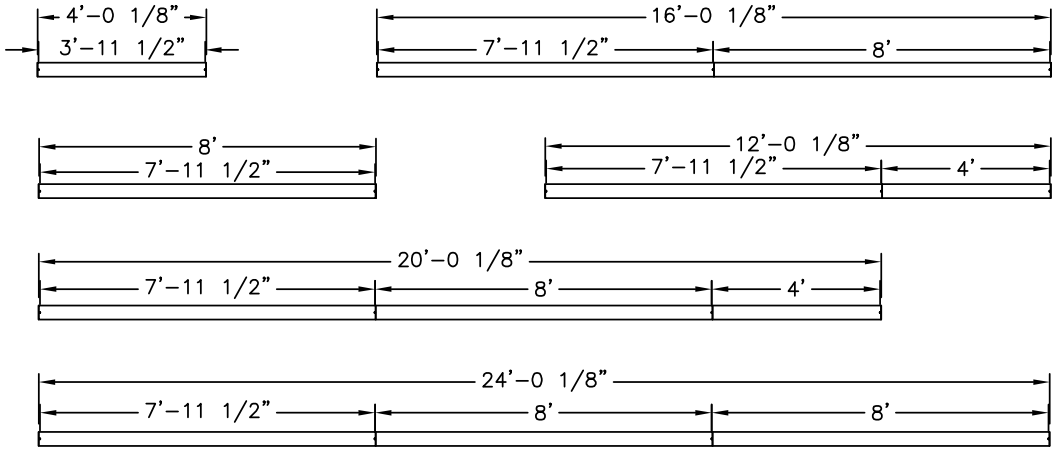
[4] Mounting details page 6.

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 ½"		
8'	8' 1/8"	7'-11 ½		
12'	12' 1/8"	7'-11 ½	4'	
16'	16' 1/8"	7'-11 ½	8'	
20'	20' 1/8"	7'-11 ½	8'	4'
24'	24' 1/8"	7'-11 ½	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.

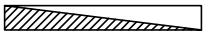
Standard Suspension Locations shown. Available with a variable spacing mounting option for precise vertical alignment of suspension cables. Constult factory for details.



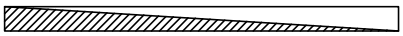
Emergency & Sensor Locations

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.

4' Individual

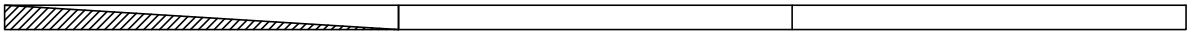


8' Individual



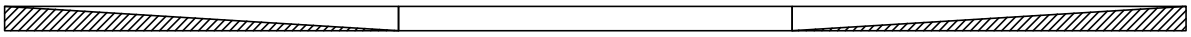
For individual fixtures to 8' EPC/EMC will power entire fixture.

24' Row (3x8')



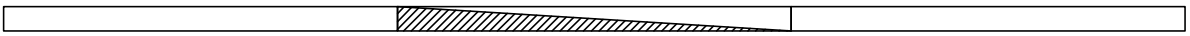
For continuous rows longer than 8' one EPC/EMC will be located in the feed section (end-left) of the row as shown below.

24' Row (3x8')



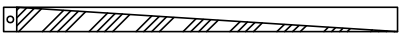
If two EPC/EMC's are required their default locations will be in the feed section (end-left) and last section (end-right) as below.

24' Row (3x8')



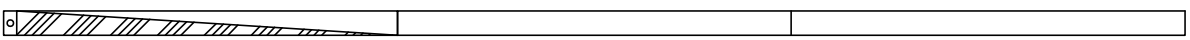
Custom placement of one or more EPC/EMC's must be clearly identified during ordering.

8' Individual



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

24' Row (3x8')

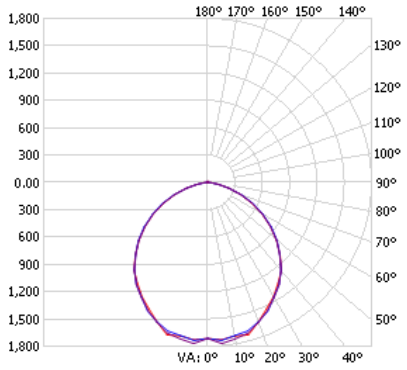


SENSORS for rows by default will control the feed section (end-left) of the row. Sensors can control more than an 8' section within a row. Consult factory for sensor/section options, or for multiple sensors in a continuous row.

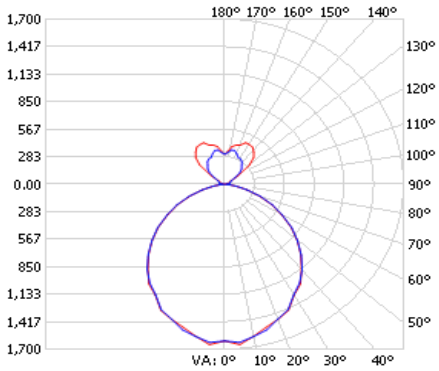
Photometrics

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	53	110	7270	66	110
ELTL-S2	20/80 Indirect/Direct	4'	4008	40	100	5344	53	100	6680	66	101
ELTL-S3	50/50 Indirect/Direct	4'	5262	40	132	6879	53	130	8427	66	128
ELTL-S4	60/40 Indirect/Direct	4'	5252	40	131	6866	53	130	8411	66	127
ELTL-S5	70/30 Indirect/Direct	4'	5780	40	144	7555	53	143	9255	66	140
ELTL-S6	80/20 Indirect/Direct	4'	5975	40	149	7810	53	147	9567	66	145
ELTL-S7	Indirect	4'	5232	40	131	6839	53	129	8378	66	127
ELTL-S8	Indirect	4'	5567	40	139	7431	53	140	9286	66	140

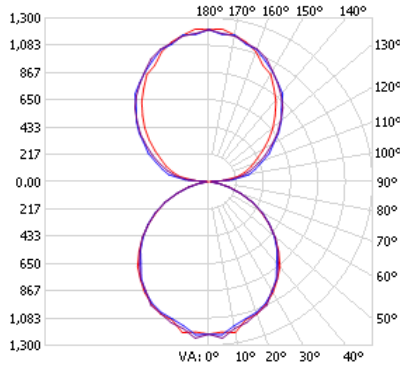
3500K @ 80CRI data shown (download IES files @ www.dayolite.com)



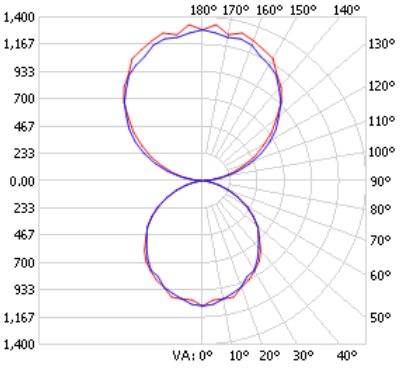
S1 = 100% Direct
SI Lens



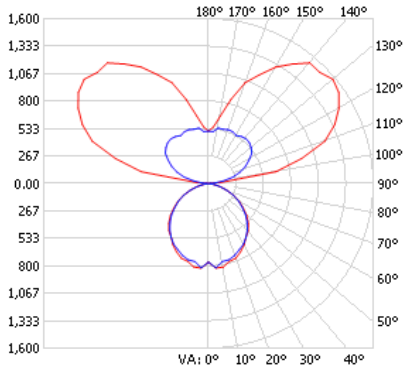
S2 = 80% Direct, 20% Indirect
SI Lens Direct, Perf Indirect



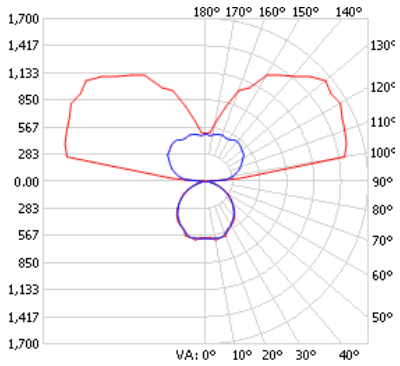
S3 = 50% Direct, 50% Indirect
SI Lens Direct, WOA Lens Indirect



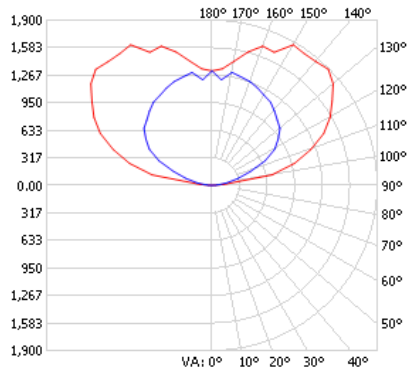
S4 = 40% Direct, 60% Indirect
SI Lens Direct, WOL Lens Indirect



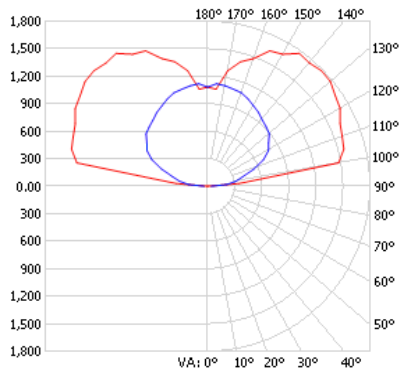
S5 = 30% Direct, 70% Indirect
SI Lens Direct, CA Lens Indirect



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



S7 = 100% Indirect
CA Lens

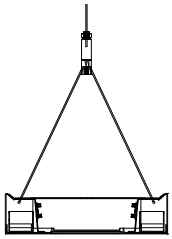


S8 = 100% Indirect
Open Top

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. Constult 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 30/35/40 & 50K CCT, 80/90CRI. Lumen maintenance minimum L_{70}= 50,000 hours. 3 SDCM color consistency. BIOS SkyBlue, RGB 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 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. RoHS compliant. DLC V5.1 listed. Declare Red List Approved.