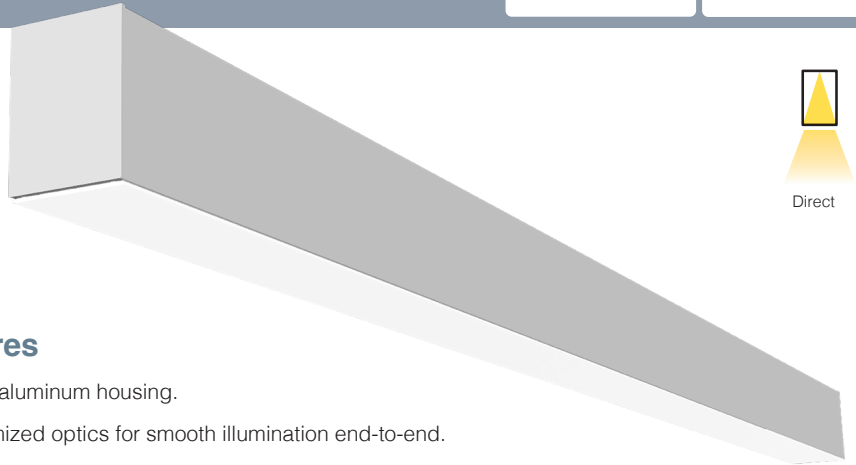
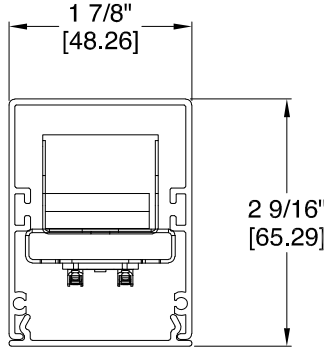


Date	Notes
Project	
Type Qty	



Features

- Extruded aluminum housing.
- LED optimized optics for smooth illumination end-to-end.
- PRFL-22-D/I may be assembled as a suspended direct or indirect fixture.
- High efficiency programmable driver for custom lumen packages. 0-10V dimming to 1% standard.
- High efficacy LEDs in 80 or 90 CRI; static white or, two channel tunable white.

Ordering Guide

MODEL	OPTICS	CCT ¹	LUMENS ²	LENGTH ³	MOUNTING	FINISH	OPTIONS
PRFL-22-D							
PRFL-22-D Direct	FL = Frosted Acrylic (snap-in)	27 = 2700K 80CRI 30 = 3000K 80CRI 35 = 3500K 80CRI 40 = 4000K 80CRI 50 = 5000K 80CRI 90 CRI add *9' Ex: 940 = 4000K @ 90 CRI TUNABLE WHITE & COLOR¹ <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 on Options. Not all are integral to PRFL-22.	LO = 525/ft (6W/ft, 88LPW) SO = 700/ft (8W/ft, 88LPW) Consult factory for additional lumen packages. All values nominal.	2 = 2 ft 3 = 3 ft 4 = 4 ft 5 = 5 ft 6 = 6 ft 7 = 7 ft 8 = 8 ft For other enter row length (e.g. 48 = 48 ft)	AC = Aircraft Cable PD = Pendant Stem S = Surface	W = White CC = Custom Color AMW = Anti-Microbial White	DIMMING DRIVERS DIM10 = 0-10V (1.0%) - 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 Consult factory on Options. Not all are integral to PRFL-22.

¹Tunable white, RGB, RGBW and RGBWW options detailed on page 5. Not all drivers integral to PRFL-22. Consult factory.

²Delivered Lumens are Standard Output (SO) and Low Output (LO) at 80+CRI 4000K CCT. Use 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 4 for photometry.

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

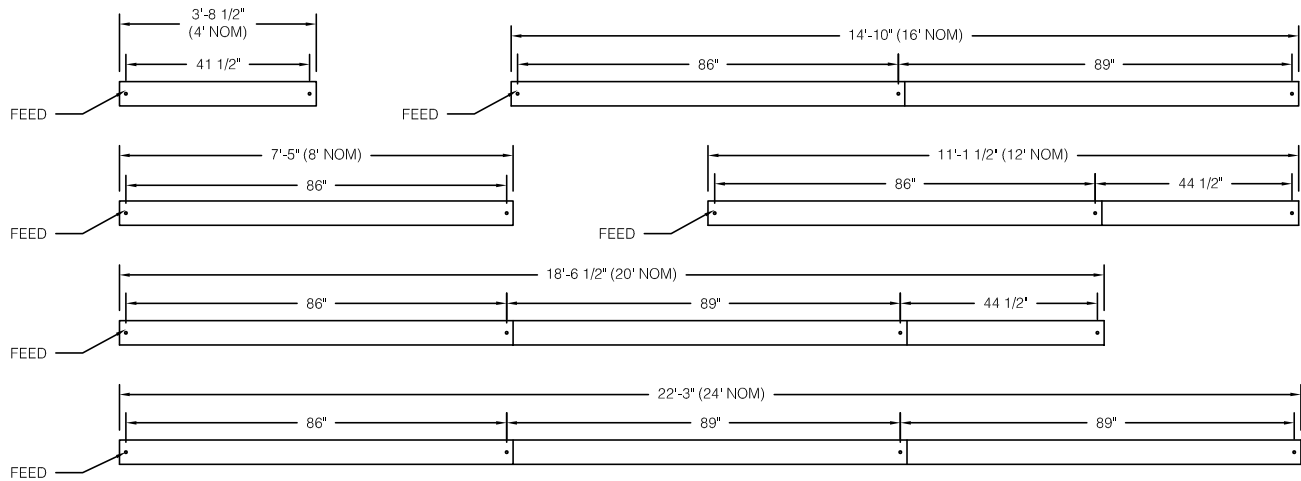


Individual Fixtures & Continuous Rows

NOMINAL LENGTH	ACTUAL LENGTH	SUSP. 1 O.C.	SUSP. 2 O.C.	SUSP. 3 O.C.
4'	3' 8-1/2"	41 1/2"		
8'	7' 5"	86"		
12'	11' 1-1/2"	86"	44 1/2"	
16'	14' 10"	86"	89"	
20'	18' 6-1/2"	86"	89"	44 1/2"
24'	22' 3"	86"	89"	89"

Individual fixtures and rows are continuously illuminated and joined with included aligner brackets and hardware. Power feed locations and mounting locations are shown below.

Continuous rows longer than 8' and patterns, including EPC/EMC and sensor locations must be approved prior to manufacturing. See following page to specify patterns.

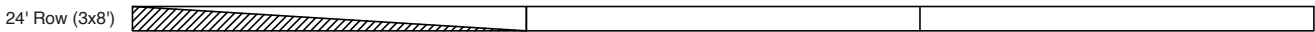


Emergency & Sensor Locations

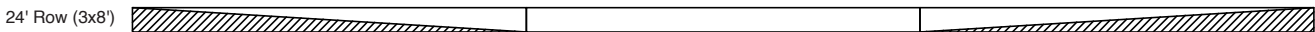
EPC will control entire length of individual fixtures. Individual fixtures of differing lengths will deliver the same lumens under EPC power (a 4' fixture will deliver the same total lumens over half the length of an 8' fixture). EMC controlled individual fixtures will deliver lumens per foot as originally 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.

Pattern Guide

Profile may be specified in patterns of virtually any configuration. All patterns and corners are continuously illuminated and joined with included aligner brackets and joining hardware. See examples below for pattern suggestions. Day-O-Lite's custom manufacturing capabilities allow the specification of custom angled connectors to make arbitrary patterns possible. (See ILX example below).

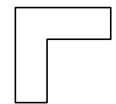
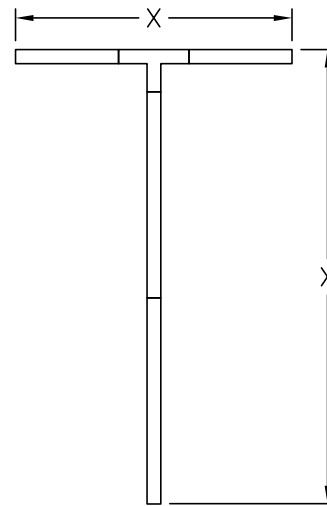
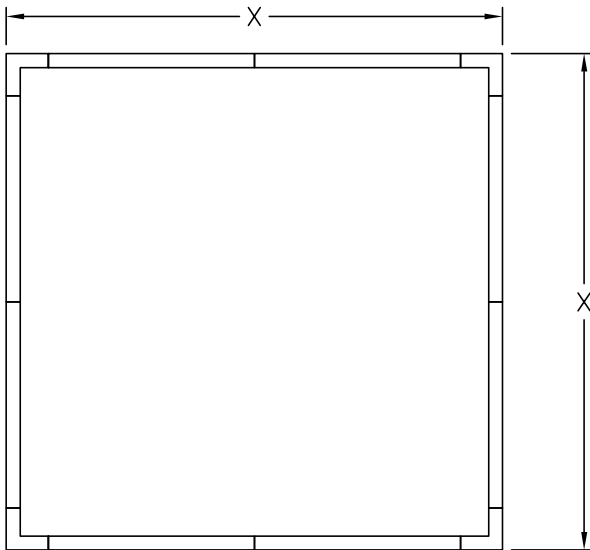
All corners and connectors are fully welded to ensure correct dimensions and "square" joinery when assembled.

How to Specify

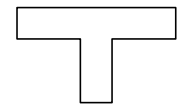
1. Submit your pattern to Day-O-Lite in dimensioned CAD file or submit a fully dimensioned PDF file.
2. If EPC/EMC or Sensors are to be included their location needs to be clearly noted.
3. Day-O-Lite will design your pattern to as close as is nominally possible given standard LED module lengths, including connectors.
4. Day-O-Lite will supply a detailed drawing for approval with final dimensions. All patterns must be approved prior to manufacture.

Pattern Examples

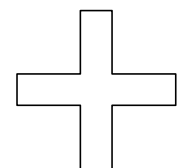
Illuminated Connectors



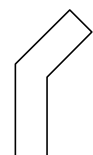
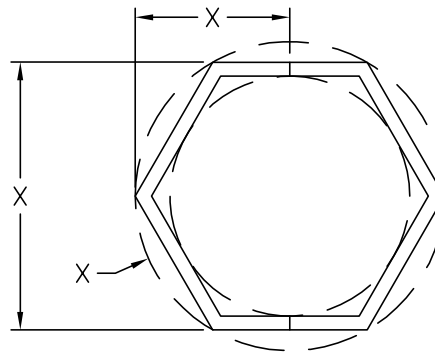
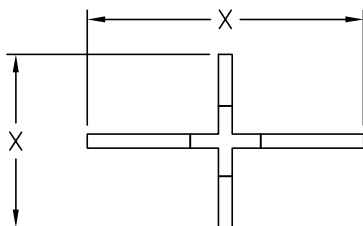
ILC2 = 90° Corner



ILC3 = 90° Tee



ILC4 = 90° Cross

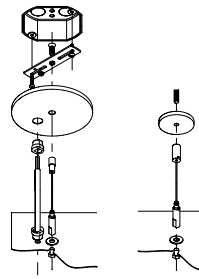


ILCX = X° Custom

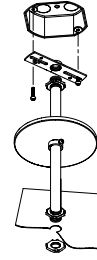
Standard Suspensions

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.



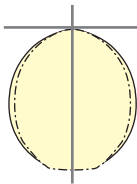
AC = Aircraft Cable



PD = Pendant Stem

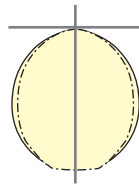
Photometry

PRFL-22-D-ACR-40-LO-4



4000K CCT
WATTS: 24
LUMENS: 2100
LPW: 88
Distribution:
100% Direct

PRFL-22-D-ACR-40-SO-4



4000K CCT
WATTS: 32
LUMENS: 2800
LPW: 88
Distribution:
100% Indirect

Specifications

CONSTRUCTION: Extruded aluminum housing.

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

OPTICS: LED optimized Acrylic (ACR) lens is standard. Clear Acrylic (CA) dust covers also available for indirect applications.

LEDS: LED modules in 30/35/40 & 50K CCT, 80/90CRI. $L_{70} = 1000,000$ 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 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: 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 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