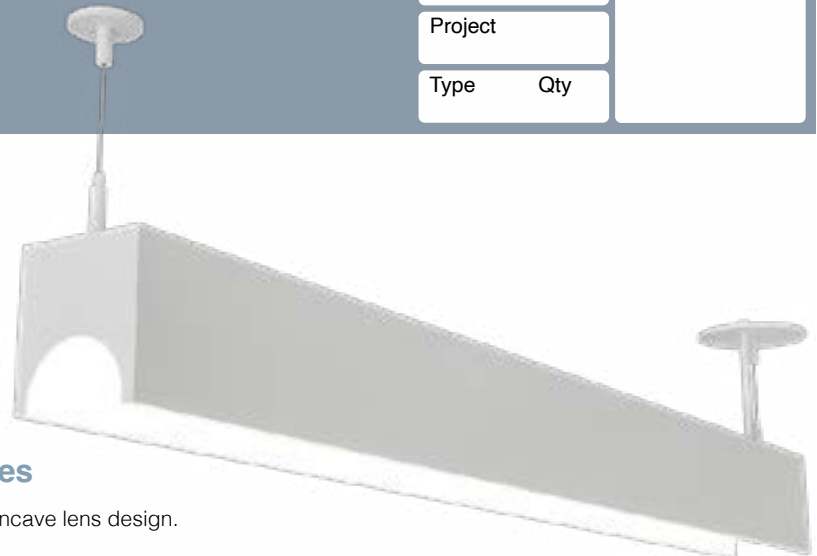
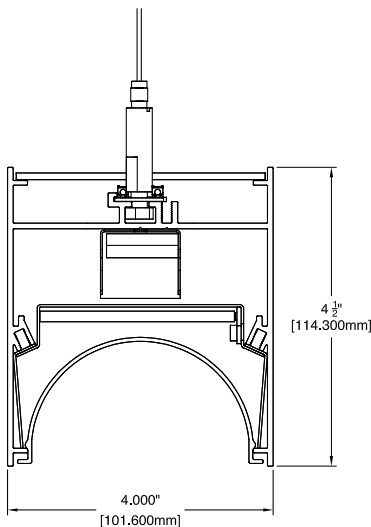




# DAY-O-LITE

## Quest Series | QSTL-44-DI

Date		Notes
Project		
Type	Qty	



### Features

- Unique concave lens design.
- High efficacy LEDs in 80 or 90 CRI.
- Backlit lens eliminates shadowing and glare.
- LED optimized optics for smooth illumination end-to-end.
- Extruded aluminum housing w/welded end-plates for a seamless finish.
- Programmable driver for custom lumen packages. 0-10V dimming to 1% standard.

### Ordering Guide

MODEL	OPTICS	CCT	LUMENS <sup>2</sup>	LENGTH <sup>3</sup>	MOUNTING	FINISH	OPTIONS
<b>QSTL-44-DI</b>							
QSTL-44-DI	<b>DIRECT LENS</b>	<b>STATIC WHITE<sup>1</sup></b>	LO = 1155/ft (9.5W/ft, 121LPW)	4 = 4 ft	AC = Aircraft Cable	W = White	<b>DIMMING DRIVERS</b>
Direct/Indirect	AL = Acrylic, snap-in	27 = 2700K	SO = 1540/ft (13W/ft, 118LPW)	6 = 6 ft	PD = Pendant Stem	CC = Custom Color	DIM10 = 0-10V (1%) - <b>Standard</b>
	<b>INDIRECT LENS</b>	30 = 3000K	HO = 1900/ft (16.3W/ft, 116LPW)	8 = 8 ft		AMW = Anti-Microbial White	DIMSR = 0-10V (5.0%) Sensor Ready
	CA = Clear Acrylic	35 = 3500K	Consult factory for custom lumen packages.	Individuals only.			DIMST = Step Dimming (40%/100%)
	<b>Standard</b>	40 = 4000K	All values nominal.				<b>LUTRON™ DIMMING DRIVERS</b>
	SI = Satin Ice Acrylic (lay-in)	50 = 5000K					LDE1 = Hi-Lume™ 1% EcoSystem™
	AS = Asymmetric (lay-in)						L3DA3W = Hi-Lume™ 1% 3-Wire
	CM = Collimating (lay-in)						<b>EMERGENCY</b>
	BW = Batwing (lay-in)						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

<sup>1</sup> CCT @ 80+CRI, 3SDCM. For 90CRI add prefix "9"; ex: 935 = 3500K, 90CRI.

<sup>2</sup> LUMENS are preliminary. Please consult factory.

<sup>3</sup> See page 2 for actual fixture lengths and mounting locations.

**Declare.**

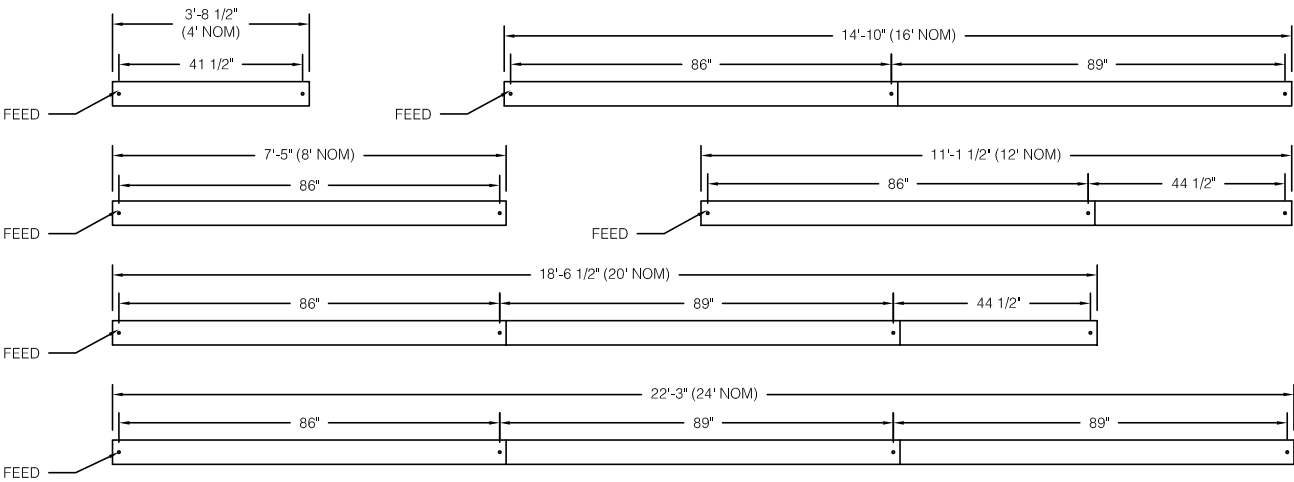


## Individual Fixtures & Continuous Rows

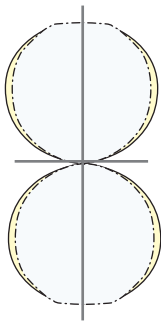
NOMINAL LENGTH	ACTUAL LENGTH	SUSP. 1 O.C.	SUSP. 2 O.C.	SUSP. 3 O.C.
4'	3' 8-1/2"	41 1/2"		
8'	7' 5"	86		
12'	11' 1-1/2"	86	44 1/2"	
16'	14' 10"	86	89	
20'	18' 6-1/2"	86	89	44 1/2"
24'	22' 3"	86	89	89

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

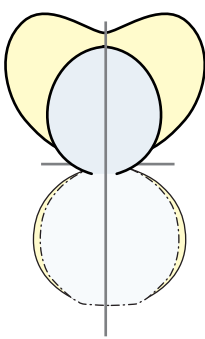
Continuous rows longer than 8' and patterns, including EPC/EMC and sensor locations must be approved prior to manufacturing. See below for specifying patterns.



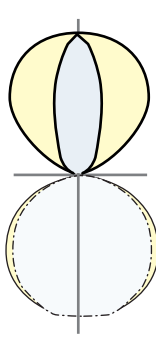
## Photometry



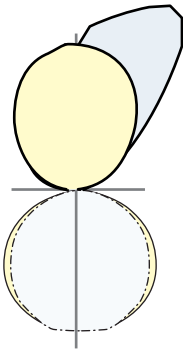
QSTL-44-DI-40-SO-4  
Acrylic/Clear Lens (AL/CA)  
4000K CCT  
WATTS: 52  
LUMENS: 6370  
LPW: 122  
Distribution:  
43% Direct, 57% Indirect



QSTL-44-DI-40-SO-4  
Bat Wing Lens (BW)



QSTL-44-DI-40-SO-4  
Collimating Lens (CM)

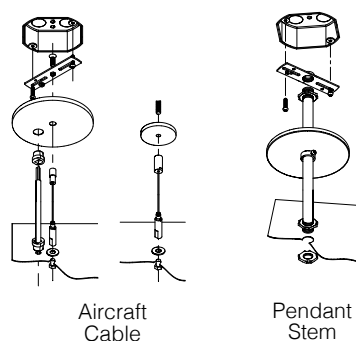


QSTL-44-DI-40-SO-4  
Asymmetrical Lens (AS)  
30 Degree offset

## 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.



## Specifications

**CONSTRUCTION** Extruded aluminum housing. 20 gauge cold rolled steel internal components.

**REFLECTOR** Die-formed steel finished in highly reflective baked white enamel with pre-finished reflective LED tray.

**OPTICS** LED optimized opal acrylic flush (FL) and opal acrylic drop (DL) lenses available. Diffuse Polycarbonate (DP) lay-in lens available for matching ARCL-24-D series.

**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.

**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** Housing and components 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 & damp locations. Union Made in the United States of America. I.B.E.W. RoHS compliant. DLC V5.1 listed.