

L70
25°C

327,000 Hours



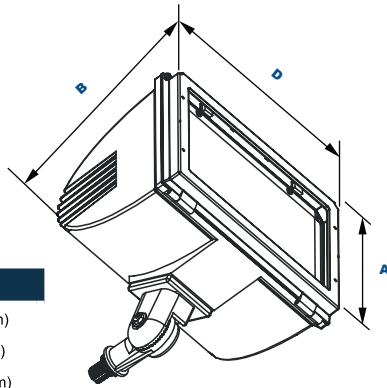
NOTES:

FITURE TYPE:

PROJECT:

Shown with "KN" Knuckle
Mounting Option.

DIMENSIONS



Dimensions

Width (D)	11" (279mm)
Length (B)	8" (203mm)
Height (A)	8½" (216mm)

PRODUCT DESCRIPTION

The FL61Q Round Back Architectural Flood light luminaire is available with a choice of knuckle or slip fitter mounting configurations, and a medium flood optical distribution designed to replace HID lighting systems up to 175w MH or HPS. Typical lighting applications include retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting can be accomplished using ground attachment accessories and to heights of 20 feet based on light level and uniformity requirements.

FEATURES

Housing:

Die-Cast Aluminum Housing & Hinged Gasketed Lens Frame. Nickel-Plated Stainless Steel Hardware.

Listing & Ratings:

CSA: Listed for Wet Locations, ANSI/UL 1598, 8750; IP65 Sealed LED Compartment.

Finish:

Textured Architectural Bronze Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

Lens:

Tempered Clear Flat Glass Lens

Mounting Options:

Adjustable Knuckle with Angle Indicators & 1/2" NPS Threads or Optional Adjustable Slipfitter with Angle Indicators.

LED:

Aluminum Boards

Wattage:

Array: 40.3w, System: 44w; (175w HID Equivalent)

Driver:

Electronic Driver, 120-277V, 50/60Hz or 347-480V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 6kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

Warranty:

5-Year Warranty for -40°C to +50°C Environment.
See Page 2 for Projected Lumen Maintenance Table.

ORDERING INFORMATION

EXAMPLE: FL61QF1X40U5KCZKNSP



Model	Beam	Wattage	Driver	CCT	Lens	Color	Mounting	Options
FL61Q =EasyLED Round Back Flood	F=Medium Flood, 110° H x 110°V, NEMA 7H x 7V	1X40 =40w	U=120-277V H=347-480V	4K =4000K 5K =5000K	C=Clear Flat Glass Lens	Z=Bronze C=Custom (Consult Factory)	KN =½" NPS Knuckle SF =Slipfitter	SF =Single Fuse (120-277V Only) DF =Double Fuse (120-277V Only) SP =Surge Protection

ACCESSORIES & REPLACEMENT PARTS



FLPTFZ

FLSTK

FL60GS*

**Mounting Accessories
(Order Separately, Field Installed)**

FLPTFZ Die-cast Post Top Fitter for 2½" to 3½" Poles, Bronze Powdercoat Finish, Three (3) ½" Coin Plugs.

FLSTK Heavy Duty Ground Stake, Built-in Wiring Compartment with ½" NPS Threaded Fitting, Black Plastic.

**Accessories
(Order Separately, Field Installed)**

FL60GSZ Glare Shield, Aluminum, Bronze Powdercoat Finish, Includes Hardware.

FL60LG Clear UV-Stabilized Polycarbonate Vandal Resistant Guard, Includes Hardware.

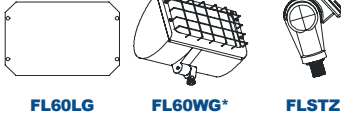
FL60WG Wire Guard, Stainless Steel, Includes Hardware.

**Replacement Parts
(Order Separately, Field Installed)**

FL60GL Tempered Clear Flat Glass Lens.

FLSTZ Die-Cast Adjustable Knuckle with ½" NPS Threads, Bronze Powdercoat Finish.

FL73SFXZ External Mount Die-Cast Adjustable Slipfitter for 2½" Tenons, Bronze Powdercoat Finish, Includes Hardware.



FL60LG

FL60WG*

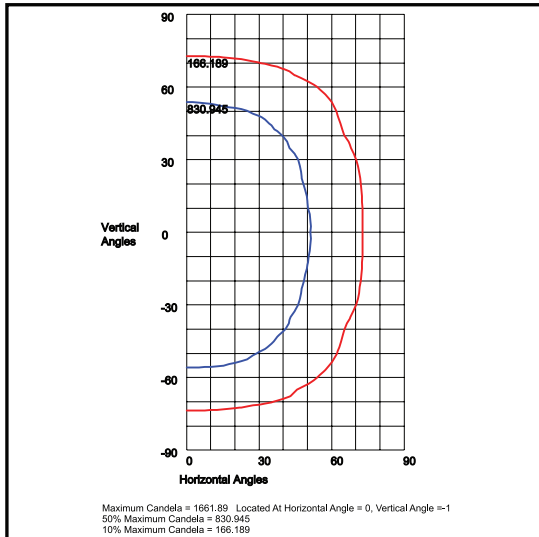
FLSTZ



FL73SFX

*Shown Mounted.

PHOTOMETRIC DATA

**FL61QF1X40U5KC****110°H x 110°V Beam, NEMA 7H x 7V**

PHOTOMETRIC PERFORMANCE

LED Board Watts	Drive Current (mA)	Input Watts		Beam	5000 CCT 80 CRI		4000 CCT 80 CRI	
					Lumens	LPW	Lumens	LPW
EasyLED 40w	525	44	F	110°H x 110°V, NEMA 7H x 7V	4,441	101	4,064	92

PHOTOMETRIC PERFORMANCE

Data shown for 5000 CCT			Compare to MH			
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 25°C
L70 Lumen Maintenance @ 25°C / 77°F	44	1.00	0.98	0.95	0.91	327,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 50°C
L70 Lumen Maintenance @ 50°C / 122°F	44	1.00	0.95	0.90	0.80	147,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L80@ 40°C
L80 Lumen Maintenance @ 40°C / 104°F	44	1.00	0.96	0.93	0.86	140,000

NOTES:

1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 525mA base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.