



S Q U A R E S H O E B O X

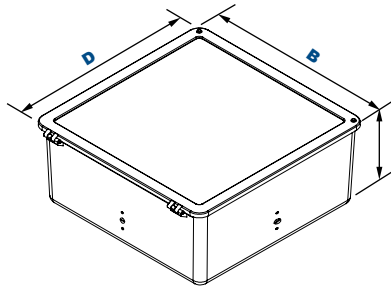
L70
25°C 385,000 Hours



Shown with Pole Mounted FLEM

Dimensions

Width (D)	12½" (318mm)
Length (B)	12½" (318mm)
Height (A)	5¾" (137mm)



Quick Ship option for Standard heights & colors only

Pemco's PAL50Q luminaire is available in a wide choice of mounting configurations and optical distributions designed to replace HID lighting systems up to 250w MH or HPS. Typical applications include general area, parking, flood, security, and accent lighting for retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 12 to 20 feet can be used based on light level and uniformity requirements.

Specifications and Features:

Housing:

Die Cast Aluminum Housing & Hinged Front Frame, ½" Coin Plugs for Conduit & Photocell.

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 or Tempered Clear Flat Prismatic Glass Lens

Mounting Options:

Mount with Two-Piece Swivel Bracket, Adjustable Slipfitter, 6", 10" or 12" Extruded Mounting Arm.

EasyLED LED:

Aluminum Boards

Wattage:

Array: 55.8w, System: 62w; (250w 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.

Controls:

Fixtures Ordered with Factory-Installed Photocell or Motion Sensor Controls are Internally Wired for Switching and/or 1-10V Dimming Within the Housing. Remote Direct Wired Interface of 1-10V Dimming is Not Implied and May Not Be Available, Please Consult Factory. Fixtures are Tested with LEPC Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

Warranty:

5-Year Warranty for -40°C to +40°C Environment.

Order Information Example:

PAL50QF1X56U5KCZEM6RSP

PAL50Q	1X56	5K						
Model	Optics	Wattage	Driver	CCT	Lens	Color	Mounting	Options
PAL50Q=12" Square Shoebox	C=Type III F=Type V	1X56=56w	U=120-277V H=347-480V	5K=5000K	C=Tempered Clear Flat Glass Lens P=Tempered Clear Flat Prismatic Glass Lens* *Use with F Optic Only.	Z=Bronze C=Custom (Consult Factory)	BR=Two-Piece Swivel Bracket SF=Slipfitter EM6*=6" Aluminum Extruded Mounting Arm, EM10*=10" Aluminum Extruded Mounting Arm, EM12=12" Aluminum Extruded Mounting Arm *Add R for Round Pole Mounting, Fits 4" & 5" Diameter Poles.	SF=Single Fuse (120-277V Only) DF=Double Fuse (120-277V Only) SP=Surge Protection R3=3-Pin 480V Twist Lock Photocell Receptacle with P18132 Shorting cap R5=5-Pin Twist Lock Photocell Receptacle R7=7-Pin ANSI C136.41—2013 Twist Lock Photocell Receptacle BU=Battery Backup, 90 Minutes





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Mounting Options:



PAL50Q w/ External Mount Slipfitter (SF)

External Mount Die-Cast Adjustable Slipfitter for 2 3/4" Tenons, Bronze Powdercoat Finish, Includes Hardware.



PAL50Q w/ Two-Piece Swivel Bracket (BR)

Two-Piece Stamped Steel Adjustable Bracket, Bronze Powdercoat Finish, Includes Hardware.



PAL50Q w/ FLEM (EM)

Aluminum Extruded Mounting Arm, Bronze Powdercoat Finish, Gasket & Hardware.

Accessories & Replacement Parts:



PTASUNVZ



FLEMWMZ



FL50GSZ

Mounting Accessories (Order Separately, Field Installed)

PTASUNVZ Square Pole Tenon Adaptor Allows Installation of Up to 4 Fixtures, Fits 2 3/4" Vertical Tenon, Bronze Powdercoat Finish. Use with Extruded Mounting Arms.

FLEMWMZ Stamped Heavy-Duty Steel Wall Bracket for Extruded Mounting Arms, Bronze Powdercoat Finish.

Accessories (Order Separately, Field Installed)

P18131 Twist Lock Non-Shorting (Open) Cap Disconnects Service to Fixture for Temporary or Permanent Disabling (Fixture Always Off). IP65, 480V Maximum.

P18132 Twist Lock Shorting Cap Provides Fixed Service to Fixture (Fixture Always On). IP65, Rated Load 7200w Tungsten.

P18140 110-120VAC Instant Twist Lock Photocell

P18150 120VAC Time Delay Twist Lock Photocell

P18152 277VAC Time Delay Twist Lock Photocell

P18154 480VAC Time Delay Twist Lock Photocell. For 480V use only.

P18156 120-277VAC Universal Twist Lock Photocell

FL50GSZ Aluminum House Side Shield, Bronze Powdercoat Finish, Includes Hardware.

Replacement Parts (Order Separately, Field Installed)

FL73SFZX External Mount Die-Cast Adjustable Slipfitter for 2 3/4" Tenons, Bronze Powdercoat Finish, Includes Hardware.

FL73BRZ Two-Piece Stamped Steel Adjustable Bracket, Bronze Powdercoat Finish, Includes Hardware.

FLEM60Z 6" Extruded Aluminum Mounting Arm, Bronze Powdercoat Finish, Includes Hardware. Fits Square Poles. Mounts at 3° tilt.

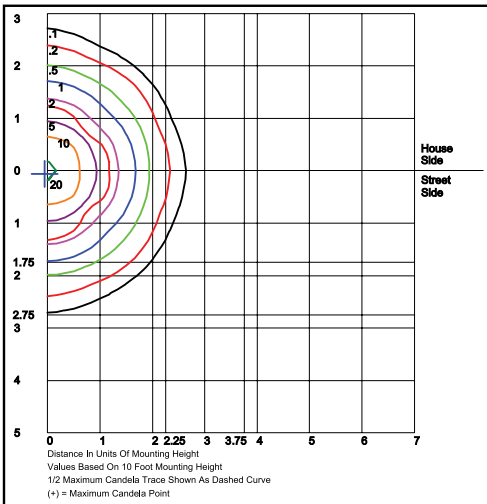
FLEM100Z 10" Extruded Aluminum Mounting Arm, Bronze Powdercoat Finish, Includes Hardware. Fits Square Poles. Mounts at 3° tilt.

FLEM12Z 12" Extruded Aluminum Mounting Arm, Bronze Powdercoat Finish, Includes Hardware. Fits Square Poles. Mounts at 3° tilt.

∅Add R for Round Pole Mounting, Fits 4" & 5" Diameter Poles.

For Replacement Battery Backup, see the LEPCG LED Battery Backup Specification Sheet.

Photometric Data



PAL50QF1X56U5KC
Type V

Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	5000 CCT 80 CRI				
				Lumens	LPW	B	U	G
EasyLED 56w	525	62	F Type V	5,023	81	2	1	0