

LED Parking Lot/Area Light Specifications

Project	
Date	_Type

PLLD2-50K150-H3-SF







Features

- 100-277 VAC
- L70 rated 50,000 hour lifetime
- IP65 rated water resistance

Construction

These are manufactured with a durable aluminum housing and polycarbonate lenses.

Application

Easily replaces traditional metal halide shoebox area/parking lot lights. These work well to light streets, pathways, building facades, and other large areas.

Output Equivalencies

PLLD2-50K100-H3	250 W metal-halide	
PLLD2-50K150-H3	400 W metal-halide	
PLLD2-50K200-H3	750 W metal-halide	
PLLD2-50K240-H3	750 W metal-halide	
PLLD2-50K300-H3	1,000 W metal-halide	
PLLD2-50K480-H3	2,000 W metal-halide	

Warranty

Five (5) Year Warranty

Certifications and Compliances

These lights are UL Listed in compliance with UL 1598 (IFAM).



Available Configurations¹

A single area light configuration consists of (1) light and (1) mount. The "x" in the light part number represents either "40K" or "50K" denoting color temperature. The mount option appears as a suffix after the light part number. Mount and area light will ship as individual components.

<u>light</u>	CCT
☐ PLLD2-xK100-H3	☐ 40K (4000K)
☐ PLLD2-xK150-H3	☐ 50K (5000K)
☐ PLLD2-xK200-H3	<u>mount</u>
☐ PLLD2-xK240-H3	☐ -APM (adjustable pole mount PLLD2-APM)
☐ PLLD2-xK300-H3	☐ -FPM (fixed pole mount PLLD2-FPM)
☐ PLLD2-xK480-H3	SF (slipfitter mount PLLD2-SF)
	☐ -WM (wall/surface mount PLLD2-WM)

Part Number Breakdown

Example: PLLD2-50K240-H3-WM

Fan	nily	Co Tempe		Wat	tage	Lens	Туре
				100 [1	00 W]		
				150 [1	50 W]		
Б		40K [4000K]	200 [2	00 W]	н	13	
PLI	.D2	0 50K [5	-	240 [2	40 W]	[type	III-M]
			300 [3	00 W]			
				480 [4	.80 W]		

Optional Accessories

Lenses

- ☐ PLLD2-LENS-1015-4S (type IV-S lens for 100 W, 150 W, and 300 W²)
 ☐ PLLD2-LENS-1015-5S (type V-S lens for 100 W, 150 W, and 300 W²)
- $\hfill \square$ PLLD2-LENS-2024-4S (type IV-S lens for 200 W, 240 W, and 480 W²)
- ☐ PLLD2-LENS-2024-5S (type V-S lens for 200 W, 240 W, and 480 W²)

¹Contact customer service if interested in options other than those listed.

²300 W and 480 W models require two lenses per light

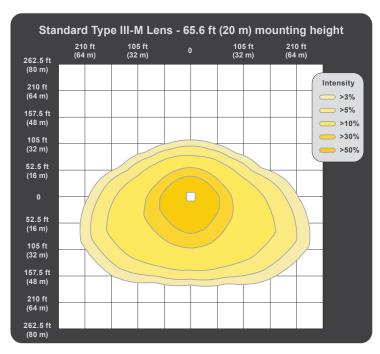


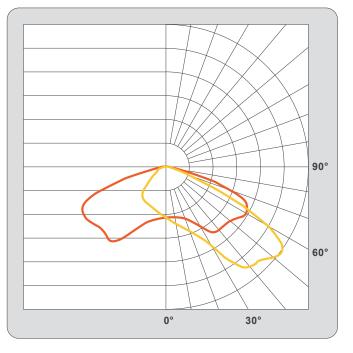
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Specifications

Model PLLD2-	xK100-H3	xK150-H3	xK200-H3	хК240-Н3	xK300-H3	хК480-Н3
Intensity	14,000 lm	20,400 lm	26,900 lm	32,200 lm	40,700 lm	67,000 lm
Operating Voltage			100-	-277 VAC		
Power Consumption	100 W	150 W	200 W	240 W	300 W	480 W
Current Draw @120 VAC	0.83 A	1.25 A	1.67 A	2 A	2.5 A	4 A
Efficacy		≥134 lm/W				
Available Color Temperature(s)	4000K or 5000K (as ordered)					
Light Distribution			Ту	pe III-M		
CRI		70+				
Dimming		1-10 V				
IP Rating	IP65					
Ambient Operating Temperature	-40°-122° F (-40°-50° C)					
Product Weight	9.15 lb (4.15 kg)³	13.4 lb	(6.1 kg) ³	17.6 lb (8 kg) ³	28.05 lb (12.7 kg) ³
Rated Life (L70)		50,000 hours				

Photometrics - Beam Angle





Additional model-specific photometric data available on site or upon request.

 3 Weight is for light only. Mount adds approximately 2.6–4 lb (1.2–1.8 kg) depending on style.

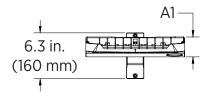


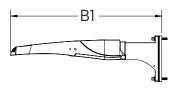


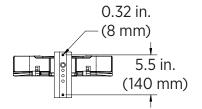
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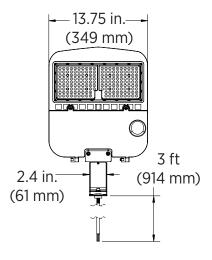
Dimensional Drawing

PLLD2-x-FPM



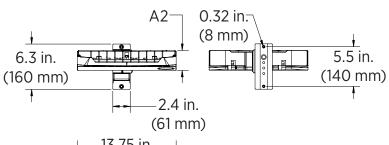




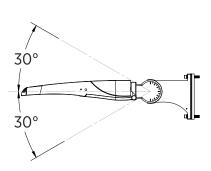


Model	Height (A1)	Length (B1)
PLLD2-50K100-H3	2.8 in.	19.6 in.
PLLD2-50K150-H3	(71 mm)	(498 mm)
PLLD2-50K200-H3	3 in.	22 in.
PLLD2-50K240-H3	(76 mm)	(559 mm)
DL L D.2 EOV.700 117	2.8 in.	27.1 in.
PLLD2-50K300-H3	(71 mm)	(688 mm)
DLL D2 F0V400 117	3.6 in.	34.8 in.
PLLD2-50K480-H3	(92 mm)	(884 mm)

PLLD2-x-APM



(914 mm)



- —13.75 in.— -		
(349 mm)		
	†	
	B2	
<u></u>		
	7	£+
		ft

Height (A2)	Length (B2)
2.8 in.	22.3 in.
(71 mm)	(566 mm)
3 in.	24.6 in.
(76 mm)	(625 mm)
2.8 in. (71 mm)	29.7 in. (754 mm)
, ,	37.5 in.
(92 mm)	(953 mm)
	2.8 in. (71 mm) 3 in. (76 mm) 2.8 in. (71 mm) 3.6 in.

T 866.811.5550 F 314.972.6202

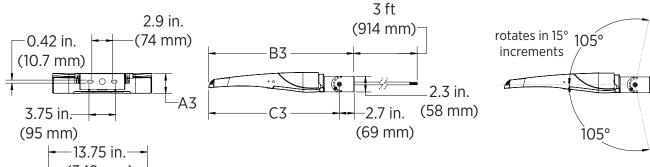


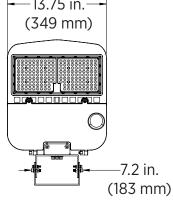


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Dimensional Drawing

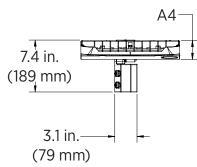
PLLD2-x-WM

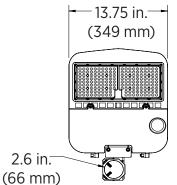


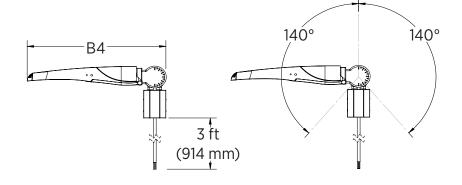


Model	Height (A3)	Length (B3)	Length (C3)
PLLD2-50K100-H3	2.8 in.	19.5 in.	16.8 in.
PLLD2-50K150-H3	(71 mm)	(495 mm)	(566 mm)
PLLD2-50K200-H3	3 in.	21.9 in.	19.2 in.
PLLD2-50K240-H3	(76 mm)	(556 mm)	(488 mm)
PLLD2-50K300-H3	2.8 in.	26.9 in.	24.2 in.
	(71 mm)	(683 mm)	(615 mm)
PLLD2-50K480-H3	3.6 in.	34.7 in.	32 in.
	(92 mm)	(881 mm)	(813 mm)









Model	Height (A4)	Length (B4)
PLLD2-50K100-H3	2.8 in.	17.4 in.
PLLD2-50K150-H3	(71 mm)	(442 mm)
PLLD2-50K200-H3	3 in.	19.8 in.
PLLD2-50K240-H3	(76 mm)	(503 mm)
PLLD2-50K300-H3	2.8 in. (71 mm)	24.9 in. (632 mm)
PLLD2-50K480-H3	3.6 in. (92 mm)	32.6 in. (828 mm)