

LEDMPAL30

30 Watt Multi-Purpose LED Area Light



Project:	
Type:	
Catalog #:	

STANDARD



The LEDMPAL series is a group of architectural LED area luminaires designed to illuminate parking areas, pathways, building facades, loading docks, and a wide variety of other large, general site lighting applications. Multiple mounting options make the LEDMPAL a versatile luminaire for flood lighting, pole-, ground- and wall-mounted area lighting, and other outdoor lighting requirements.

FEATURES

- Available in 4000K (neutral white) and 5000K (cool white).*
- Long-life LEDs provide 69,000 hours of operation with at least 70% of initial lumen output (L_{70}).^{**}
- Delivers 2,899 lumens and 100 lumens per watt.*
- Universal 100-277 AC voltage (50-60Hz) is standard.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index > 80.
- Die cast aluminum housing with durable, dark bronze powder coat finish, and a heat-resistant polycarbonate lens.
- Effective projected areas (EPA's) are: Front = 0.09 sf; Side = 0.07 sf; and Face = 0.29 sf.
- Easy installation in new construction or retrofit applications.

* Contact factory for other color temperatures and lumen packages.

^{**} L_{70} hours are IES TM-21-11 calculated hours.



Yoke-Mount Option

Knuckle-Mount Option

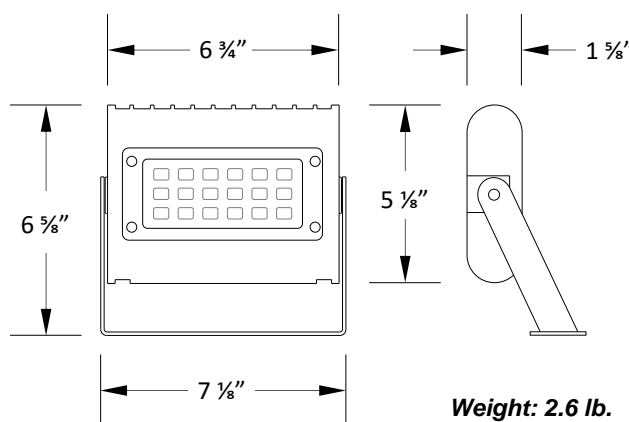
WARRANTY & LISTINGS

- cULus listed for wet locations (-30°C to 40°C / -22°F to 104°F)
- IP65 rated.
- DLC approved.
- Tested to UL 1598, UL8750 and IEC60598 safety standards.
- 5-year warranty on all electronics and housing.

MOUNTING OPTIONS

- Yoke-mount option provides secure attachment to flat surfaces.
- Aluminum die-cast knuckle-mount option is installed on a junction box. Includes 1/2" NPS stem with locking nut.

DIMENSIONS



ORDERING INFORMATION

Example: LEDMPAL30-Y-4K

Model	Luminaire Watts	Luminaire Lumens	Lumens / Watt	Mounting Options	Color Temperature
LEDMPAL30	29	2,899	100	Y = Yoke Mount K = Knuckle Mount	4K = 4000k 5K = 5000k

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ELECTRICAL DATA

Model	Color Temperature	CRI ¹	Luminaire Lumens	Luminaire Watts	Lumens Per Watt	Input Voltage	Input Current (A)			Power Factor	THD ²	L ₇₀ Hours ³
							120V	240V	277V			
LEDMPAL30-4K	4000k	> 80	2,899	29	100	120-277 (50-60Hz)	0.24	0.12	0.10	> 90%	< 20%	69,000
LEDMPAL30-5K	5000k	> 80	2,899	29	100	120-277 (50-60Hz)	0.24	0.12	0.10	> 90%	< 20%	69,000

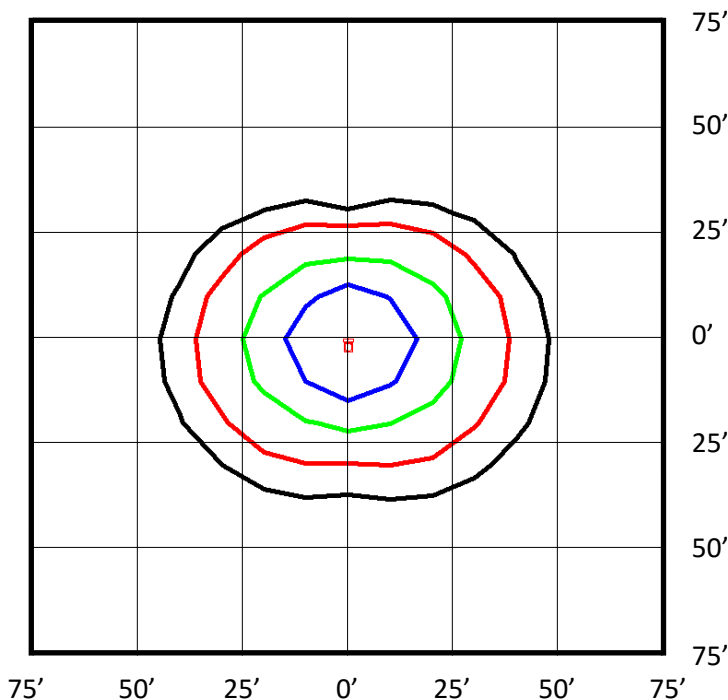
¹ Color rendering index

² Total harmonic distortion

³ L₇₀ refers to the number of hours at which lumen output declines to 70% of the initial level. L₇₀ hours are IES TM-21-11 calculated hours.

PHOTOMETRIC DATA

LEDMPAL30-4K (2,899 Lumens , Type V Distribution)



BUG Rating: B1-U1-G1

Zone	Lumens	%
FL - Front - Low (0-30)	448	15%
FM - Front - Medium (30-60)	841	29%
FH - Front - High (60-80)	266	9%
FVH - Front - Very High (80-90)	24	1%
Total Forward Light	1,578	54%
BL - Back - Low (0-30)	423	15%
BM - Back - Medium (30-60)	705	24%
BH - Back - High (60-80)	182	6%
BVH - Back - Very High (80-90)	9	0%
Total Back Light	1,318	45%
UL - Up Light - Low (90-100)	1	0%
UH - Up Light - High (100-180)	2	0%
Total Up Light	2	0%
Total Lumens	2,899	100%

Foot Candles

5.0
2.0
1.0
0.5
0.2
0.1

Notes:

- Isofootcandle plots depict initial footcandles at grade.
- Gridlines represent units of mounting height of 25 feet.