

Project:	
Type:	
Catalog #:	



Shown with
standard
trunnion
mount



STANDARD



LEDGFXL300 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 LEDGFXL a versatile luminaire for flood lighting, pole-, ground- and wall-mounted area lighting, and other outdoor lighting requirements.

FEATURES

- Available in 5000K
- Long-life LEDs provide 57,000 hours of operation with at least 70% of initial lumen output (L_{70}).
- Type III models deliver 36,888 lumens & 121 lumens per watt (LPW) at 5000k.*
- Universal 120-277 AC voltage (50-60Hz) is standard. 480V is also available.
- 0-10vdc dimming capability is standard.
- Power factor > 0.90.
- Total harmonic distortion < 20%.
- Color rendering index > 80.
- Optional full glare shields, half glare shields & wire guards are available. Special order.
- Die cast aluminum housing with durable, dark bronze powder coat finish, and a heat-resistant polycarbonate lens.
- Wireway enclosure is sealed with a water-tight, silicon rubber gasket.
- Effective projected areas (EPA's) are:
 - Front = 0.37 square feet
 - Side = 0.51 square feet
 - Face = 1.74 square feet
- Threaded receptacle (1/2" NPS) for photocell. Optional arms and slip-fitters provide additional photocell mounting options.
- 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.

WARRANTY & LISTINGS

- cULus listed for wet locations (-30°C to 40°C / -22°F to 104°F)
- IP65 rated.
- DLC standard approved (except as noted below).
- Complies with FCC Part 15, Class B.
- Complies with EN61000-4-5, surge immunity (2kV).
- 5-year warranty on all electronics and housing.

MOUNTING OPTIONS

- Trunnion mount is standard.
- Slip-fitter mount provides attachment to poles (2 3/8" O.D. tenon).
- Steel arm mount provides secure attachment to flat surfaces.
- Yoke mount models are available by special order.



Steel Arm
Mount Option

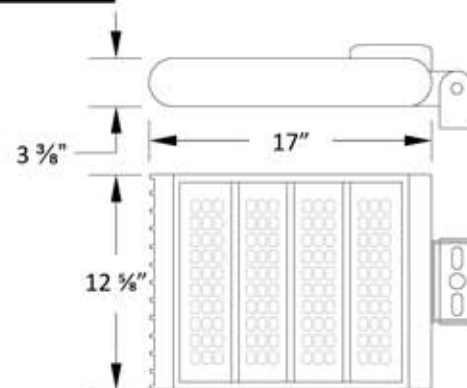


Slip-Fitter
Mount Option



Yoke Mount
Option

DIMENSIONS



Weight: 17.3 lb.

ORDERING INFORMATION

(Standard with trunnion, no additional letters) LEDGFXL300UNV or 480-50K

Examples: (Slip-Fitter, Type III): LEDGFXL300UNV or 480-50K-SF

(Yoke, Type V):

(Arm, NEMA 7H x 7V) LEDGFXL300UNV or 480-50K-BRKT

Model	Mounting Type	Luminaire Watts	Color Temp.	Distribution Type**	Luminaire Lumens	Lumens / Watt	Options* (Order Separately)
LEDGFXL300	Trunnion*	304	5K = 5000k	T3 = Type III***	36,888	121	SF = Slip-Fitter Mount BRKT = Steel Arm Mount FGS = Full Glare Shield HGS = Half Glare Shield WG = Wire Guard

* Note: For Slip-Fitter or Steel Arm mounting, order a luminaire with the standard Trunnion mount installed (No letters), and either the Slip-Fitter (SF) or Steel Arm (BRKT). The Slip-Fitter and Steel Arm mounts are shipped in separate cartons than the luminaire, and are field-installed after removing the standard Trunnion mount.

*** Note: DLC 4.2 listing is pending.

ELECTRICAL DATA

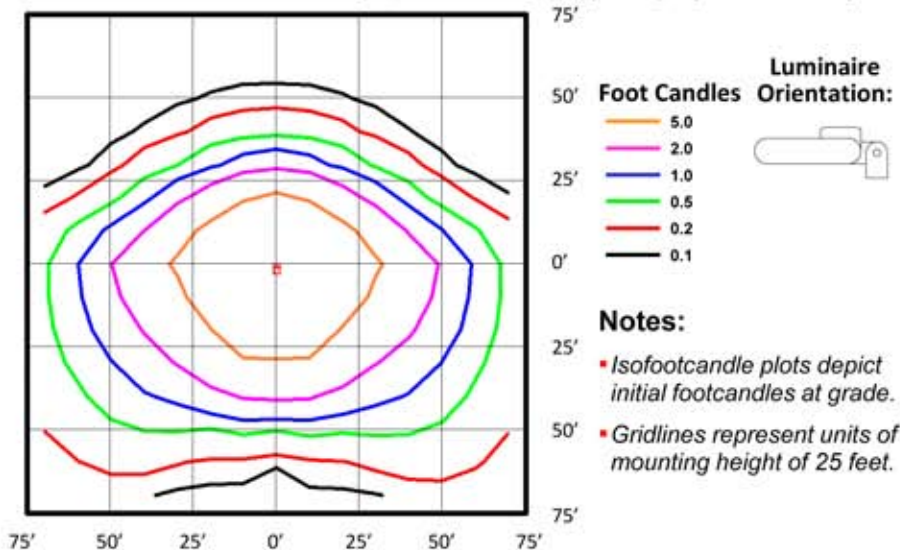


Model	Color Temperature	CRI ¹	Luminaire Lumens	Luminaire Watts	Lumens Per Watt	Input Voltage ²	Input Current (A)			Power Factor	THD ³	L ₇₀ Hours ⁴
							120V	240V	277V			
LEDGFXL300UNV-50K	5000k	> 80	36,888	304	121	120-277	2.53	1.27	1.10	> 90%	< 20%	57,000
LEDGFXL300-480-50K						480V / 67A				> 90%	< 20%	57,000

¹ Color rendering index.² All 50-60Hz.³ Total harmonic distortion.⁴ 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

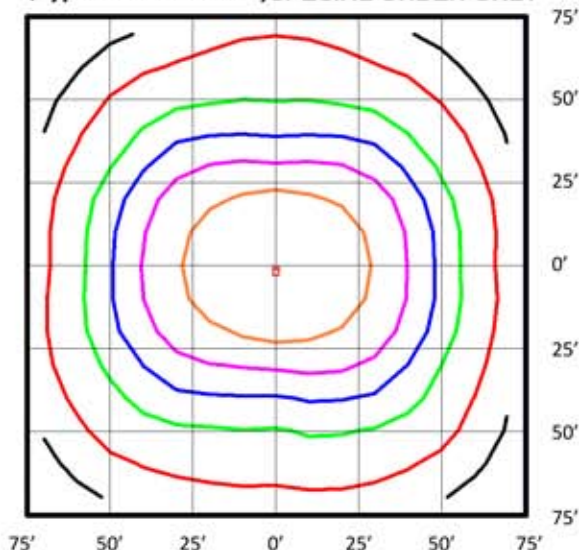
LEDGFXL300UNV or 480V-50K (36,888 Lumens, Type III [T3] Distribution)



BUG Rating: B4-U3-G3

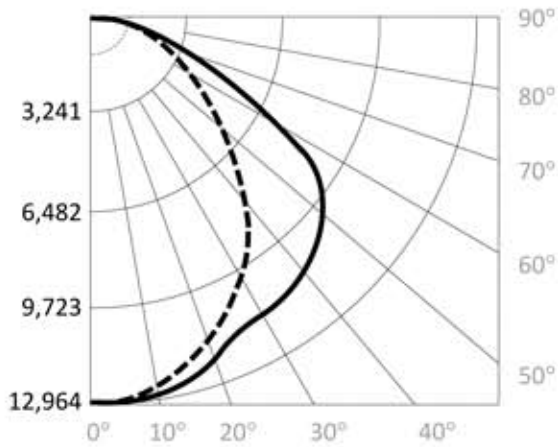
Zone	Lumens	%
FL - Front - Low (0-30)	4,254	12%
FM - Front - Medium (30-60)	12,518	34%
FH - Front - High (60-80)	5,719	16%
FVH - Front - Very High (80-90)	283	1%
Total Forward Light	22,774	62%
BL - Back - Low (0-30)	4,171	11%
BM - Back - Medium (30-60)	8,041	22%
BH - Back - High (60-80)	1,739	5%
BVH - Back - Very High (80-90)	74	0%
Total Back Light	14,025	38%
UL - Up Light - Low (90-100)	5	0%
UH - Up Light - High (100-180)	84	0%
Total Up Light	89	0%
Total Lumens	36,888	100%

(Type V Distribution) SPECIAL ORDER ONLY



BUG Rating: B5-U3-G3

Zone	Lumens	%
FL - Front - Low (0-30)	4,949	13%
FM - Front - Medium (30-60)	10,244	27%
FH - Front - High (60-80)	3,821	10%
FVH - Front - Very High (80-90)	409	1%
Total Forward Light	19,423	51%
BL - Back - Low (0-30)	4,755	12%
BM - Back - Medium (30-60)	10,039	26%
BH - Back - High (60-80)	3,424	9%
BVH - Back - Very High (80-90)	376	1%
Total Back Light	18,595	49%
UL - Up Light - Low (90-100)	8	0%
UH - Up Light - High (100-180)	96	0%
Total Up Light	104	0%
Total Lumens	38,122	100%



Maximum Candela = 12,964

— Horizontal
- - - Vertical

NEMA Floodlight Type Data

Field Angles:

- Horizontal 160°
- Vertical 166°

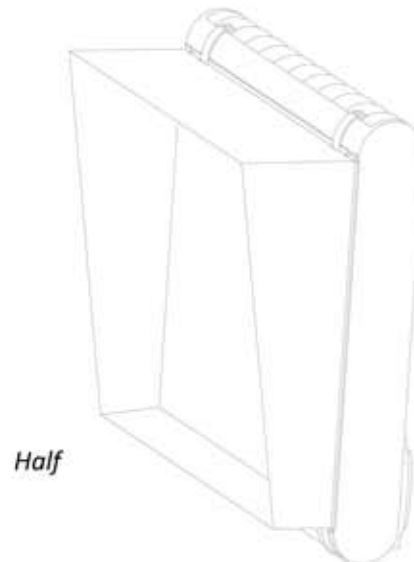
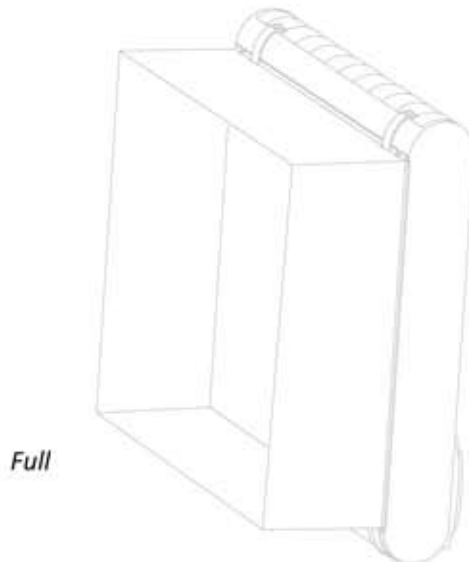
NEMA Type:

- Horizontal 7H
- Vertical 7V

Luminaire Orientation:



Shields



Wire Guards

