

LED FLOOD/SHOEBOX

150W Replaces MH400W

STANDARD



The LEDGFXL 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 58,000 hours of operation with at least 70% of initial lumen output (L_{70}).
- Type III models deliver 18,303 lumens & 120 lumens per watt (LPW) at 5000k.
- Universal 120-277 AC voltage (50-60Hz) is standard.
- 0-10vdc dimming capability 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.
- Wireway enclosure is sealed with a water-tight, silicon rubber gasket.
- Effective projected areas (EPA's) are:
 - Front = 0.38 square feet
 - Side = 0.30 square feet
 - Face = 1.04 square feet
- Threaded receptacle ($\frac{1}{2}$ " 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. Special order only, 2-6 weeks.

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



Shown with standard trunnion mount



Shown with optional yoke mount

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 (6kV).
- 5-year warranty on all electronics and housing.

MOUNTING OPTIONS

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



BRKT= Steel Arm Mount Option

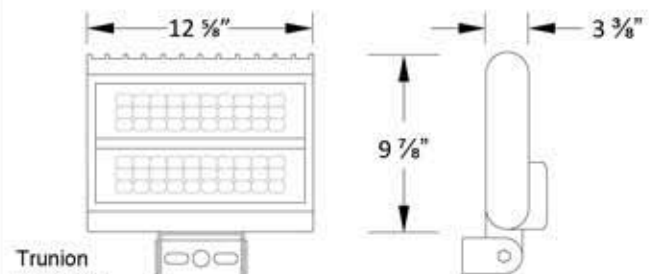


SF= Slip-Fitter Mount Option



Yoke Mount Option

DIMENSIONS



Trunnion Mounting
Bracket is standard.

Weight: 9.6 lb.

ORDERING INFORMATION

Model	Mounting Type	Luminaire Watts	Color Temp.	Distribution Type**	Luminaire Lumens	Lumens / Watt	Additional Mounting Options* (Order Separately)
LEDGFXL150UNV-50K	Trunnion= standard mounting	100W	5K = 5000k	T3 = Type III	18,303	120	Slip-Fitter = LEDGFXL150UNV-50K-SF Steel Arm = LEDGFXL150UNV-50K-BRKT Note: These Mounting Options are not compatible with yoke-mounted models. Slip-fitters and arms use the same mounting hardware as trunnion-mounted models.
	SF=Slip Fitter	150W					
	BRKT=Bracket						

* Note: For Slip-Fitter or Steel Arm mounting, order a luminaire with the standard Trunnion mount installed (LEDGFXL150), and either the Slip-Fitter (LEDGFXL150UNV-SF) or Steel Arm (LEDGFXL150UNV-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: Type III distribution is standard, and requires no order suffix

*** Note: DLC 4.2 listing is pending.

ELECTRICAL DATA

LED Flood/Shoebox/Area Light

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			
LEDGFXL150UNV-50K	5000k	> 80	18,303	153	120	120-277	1.28	0.64	0.55	> 90%	< 20%	58,000

¹ Color rendering index.

² All 50-60Hz.

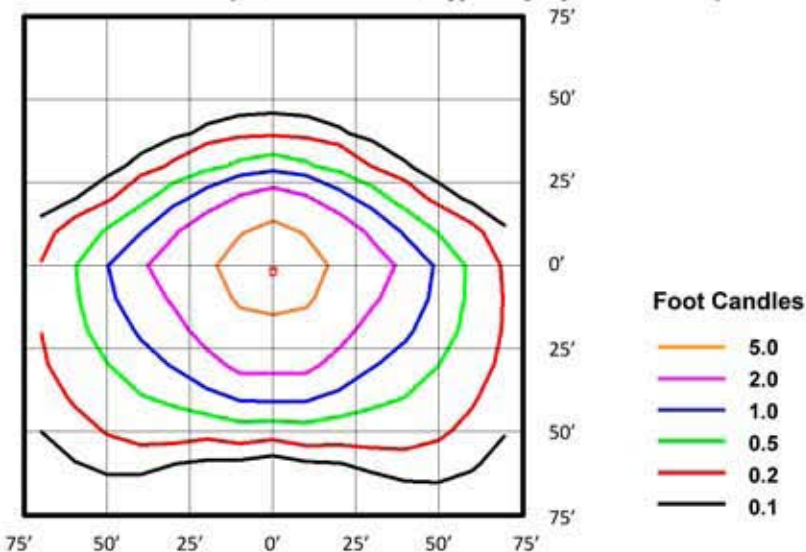
³ Total harmonic distortion.

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.

• **150W=MH400W replacement**

PHOTOMETRIC DATA

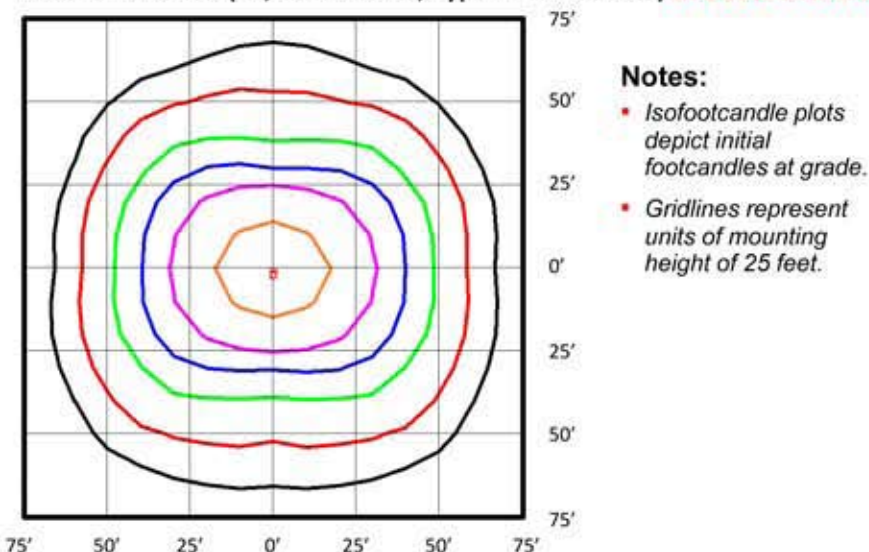
LEDGFXL150UNV (18,303 Lumens , Type III [T3] Distribution)



BUG Rating: B3-U2-G2

Zone	Lumens	%
FL - Front - Low (0-30)	2,111	12%
FM - Front - Medium (30-60)	6,330	35%
FH - Front - High (60-80)	2,860	16%
FVH - Front - Very High (80-90)	127	1%
Total Forward Light	11,428	62%
BL - Back - Low (0-30)	2,072	11%
BM - Back - Medium (30-60)	3,927	21%
BH - Back - High (60-80)	801	4%
BVH - Back - Very High (80-90)	32	0%
Total Back Light	6,833	37%
UL - Up Light - Low (90-100)	2	0%
UH - Up Light - High (100-180)	40	0%
Total Up Light	42	0%
Total Lumens	18,303	100%

LEDGFXL150UNV (18,752 Lumens , Type V Distribution) **SPECIAL ORDER !**



BUG Rating: B3-U2-G2

Zone	Lumens	%
FL - Front - Low (0-30)	2,427	13%
FM - Front - Medium (30-60)	5,077	27%
FH - Front - High (60-80)	1,832	10%
FVH - Front - Very High (80-90)	186	1%
Total Forward Light	9,522	51%
BL - Back - Low (0-30)	2,338	12%
BM - Back - Medium (30-60)	4,982	27%
BH - Back - High (60-80)	1,693	9%
BVH - Back - Very High (80-90)	170	1%
Total Back Light	9,182	49%
UL - Up Light - Low (90-100)	3	0%
UH - Up Light - High (100-180)	45	0%
Total Up Light	48	0%
Total Lumens	18,752	100%