

LED High Output Flood Light Series



APPLICATIONS:

Ideal for car dealerships, youth sports parks, golf driving ranges, façades and general area illumination, the MaxLED High Output Flood Light Series is a unique and flexible system, comprised of self-contained modular elements, representing variability in both lumen output and optics capabilities. The High Output Flood Light Series can be specified in one-, two-, or three-135-watt module configurations where each module can have one of the three available optical distributions.

FEATURES:

- High lumen output:
 - 135 watts at 11,700 lumens (320-400 watt HPS/MH equiv.)
 - 270 watts at 23,400 lumens (720-800 watt HPS/MH equiv.)
 - 405 watts at 35,100 lumens (1000-1200 watt MH equiv.)
- Modular housing design – up to three modules can be combined
- 22- and 55-degree reflectors can be specified, in addition to 120-degree open beam for various types of applications
- IP65 rated unit with IP67 rated connections
- Discreet J-Box on each frame enables easy field install
- 120-277 universal voltages with 347 and 480V available by custom order
- CRI: >70
- CCT: 5000K (nominal)
- 50,000 hour life (L70)
- Multiple circuits on each module guard against full module light outage

CONSTRUCTION:

- Die cast aluminum body with heat sinking across the full module, enabling a long fixture life
- Gray powder coat paint for durable finish
- Stainless steel bushing and adjustment plates
- Tempered glass lens
- Polished and plated optical reflectors
- 6'-18/3 shielded power feed cord included
- Yoke mount includes 270 deg. pivot base plate and integrated arm with side protractor for field aiming

PROJECT NAME
CATALOG NUMBER
NOTES
FIXTURE SCHEDULE



ELLF135U
with Wide optics*



ELLF270U
with Narrow & Wide optics*



ELLF405U
with Medium & Narrow optics*

*Each high output flood fixture module can be configured with either Narrow, Medium or Wide optics.

ORDERING MODEL LOGIC: **Typical Order Example: ELLF135UW50*****

SERIES	TECH	TYPE	WATTAGE	VOLTAGE	DISTRIBUTION	CCT
EL = High Output Flood	L = LED	F = Flood	135 = 135W; 11700 lm† 270 = 270W; 23400 lm† 405 = 405W; 35100 lm†	U = 120-277V 3** = 347V 4** = 480V	N* = Narrow 22 degrees M = Medium 55 degrees W = Wide 120 degrees	50 = 5000K

*22 degree collimator is special order only, contact MaxLite for MOQ
 **For 347V and 480V special order only, contact MaxLite for MOQ
 ***Item ordering is typically by common beam type, for applications with mixed beam angles on same carriages contact MaxLite.
 † Outputs are preliminary



Installation instructions available online: specifications are subject to change without notice

MaxLite®: 1-800-555-5629 | Fax: 973-244-7333 | Web: www.maxlite.com | E-mail: info@maxlite.com



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SPECIFICATIONS:

Item	Specification	ELLF135U	ELLF270U	ELLF405U
General Performance	Spacing Criteria	Available upon request	Available upon request	Available upon request
	Color Temperature (CCT)	5000K	5000K	5000K
	CRI	70	70	70
	Lumens Delivered	11,700†	23,400†	35,100†
	Efficacy	86.6 lumen/watt†	86.6 lumen/watt†	86.6 lumen/watt†
	Color Consistency	Proprietary binning for uniform color	Proprietary binning for uniform color	Proprietary binning for uniform color
	Lumen Maintenance (L70)	50,000 hours	50,000 hours	50,000 hours
Electrical	Power Factor	Over 90 %	Over 90 %	Over 90 %
	Input Voltage	120V-277V 50/60 Hz	120V-277V 50/60 Hz	120V-277V 50/60 Hz
	Power Consumption	135 Watts	270 Watts	405 Watts
Controls	Compatible with dusk-to-dawn photocells and motion sensors	Compatible with dusk-to-dawn photocells and motion sensors	Compatible with dusk-to-dawn photocells and motion sensors	
Physical	Dimension (W x H x D)	519mm x 188mm x 233mm (20.4" x 7.4" x 9.2")	536mm x 368mm x 348mm (21.4" x 14.5" x 13.7")	536mm x 498mm x 423mm (21.1" x 19.6" x 16.7")
	Weight	14 lbs.	26 lbs.	37 lbs.
	Housing	Die cast aluminum with powder coat paint		
	Lens	Tempered glass		
	Mounting	Module is trunnion mounted to carriage with 270 deg. pivoting bolt pattern		
	Operating Temperature	-30°C to 50°C (-22°F to 122°F)		
	Humidity	0% - 90% RH, non condensing		
Certification	Certification	cETLus / IP65		
	Material Usage	RoHS compliant; no mercury		
	Environment	Outdoor / indoor		
	Warranty	5 year		

† Outputs are preliminary

ORDERING INFORMATION:

Watts	Order Number	Model Number	Voltage	Distribution	Lamp Life (Hrs.)	Dimensions (W"xH"xD")	CCT
135	71928	ELLF135UN50	UNIVERSAL 120-277V	NARROW (22 DEG.)	50,000	20.4" X 7.4" X 9.2"	5000
135	71929	ELLF135UM50	UNIVERSAL 120-277V	MEDIUM (55 DEG.)	50,000	20.4" X 7.4" X 9.2"	5000
135	71930	ELLF135UW50	UNIVERSAL 120-277V	WIDE (120 DEG.)	50,000	20.4" X 7.4" X 9.2"	5000
270	71931	ELLF270UN50	UNIVERSAL 120-277V	NARROW (22 DEG.)	50,000	21.4" X 14.5" X 13.7"	5000
270	71932	ELLF270UM50	UNIVERSAL 120-277V	MEDIUM (55 DEG.)	50,000	21.4" X 14.5" X 13.7"	5000
270	71933	ELLF270UW50	UNIVERSAL 120-277V	WIDE (120 DEG.)	50,000	21.4" X 14.5" X 13.7"	5000
405	71934	ELLF405UN50	UNIVERSAL 120-277V	NARROW (22 DEG.)	50,000	21.1" X 19.6" X 16.7"	5000
405	71935	ELLF405UM50	UNIVERSAL 120-277V	MEDIUM (55 DEG.)	50,000	21.1" X 19.6" X 16.7"	5000
405	71936	ELLF405UW50	UNIVERSAL 120-277V	WIDE (120 DEG.)	50,000	21.1" X 19.6" X 16.7"	5000



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