

NEPTUN FLOOD LIGHT / NLFLH



GENERAL DESCRIPTION

Neptun's Flood Light "DARK SKY" Range is the standard of outstanding light quality with high performance and low light pollution. The high power and high lumen 120W to 1200W luminaire fittings are commonly used in sports arenas, high masts and large areas for security.

Furthermore, a choice of 15 high quality optics for flexible lighting design and compliance with international sports broadcasting standards. The external driver box supports separate use at a distance from the floodlight and pre-fixed onto the fixture as well.

STRUCTURE, MATERIALS, & FEATURES

The proprietary thermal efficiency design with passive cooling maximizes heat dissipation to ensure safe operation and good lifetime performance of the luminaire in high temperature environments with limit the light pollution

The impacts of glare should generally be reduced. Glare typically impacts larger areas as pole mounted luminaires may be visible from long distances. The use of luminaires that incorporate internal and/or external shielding (visors) to limit direct view of light sources help reduce glare.

It is essential to consider the wind resistance of the flood lights and their suitability for existing or proposed installation in the outdoors.

Please note that flood lights mounted horizontally on the ground, such as asymmetrical distribution help to reduce wind resistance and allow better control of spill light.

APPLICATION

- Sport Stadium
- Play Area
- Parking Garage Lighting
- Area Light
- Fence Security Lighting



ORDERING INFORMATION

Series	Wattage	Voltage	Options	Color Temp	Accessories	Color
NLFLH	120-1200W	120-277 VAC 347V = 347 VAC 480V = 480 VAC 24VDC = 24 VDC 220-240 VAC	10-0VDIM = 10-0V Dimming BL-DIM = Bi-Level Dimming * DALI OPTION	3000 = 830K 4000K = 840K 5700K = 857K 6000K = 860K 6500K = 865K	Multi Mounting Brackets	Gray / Bronze

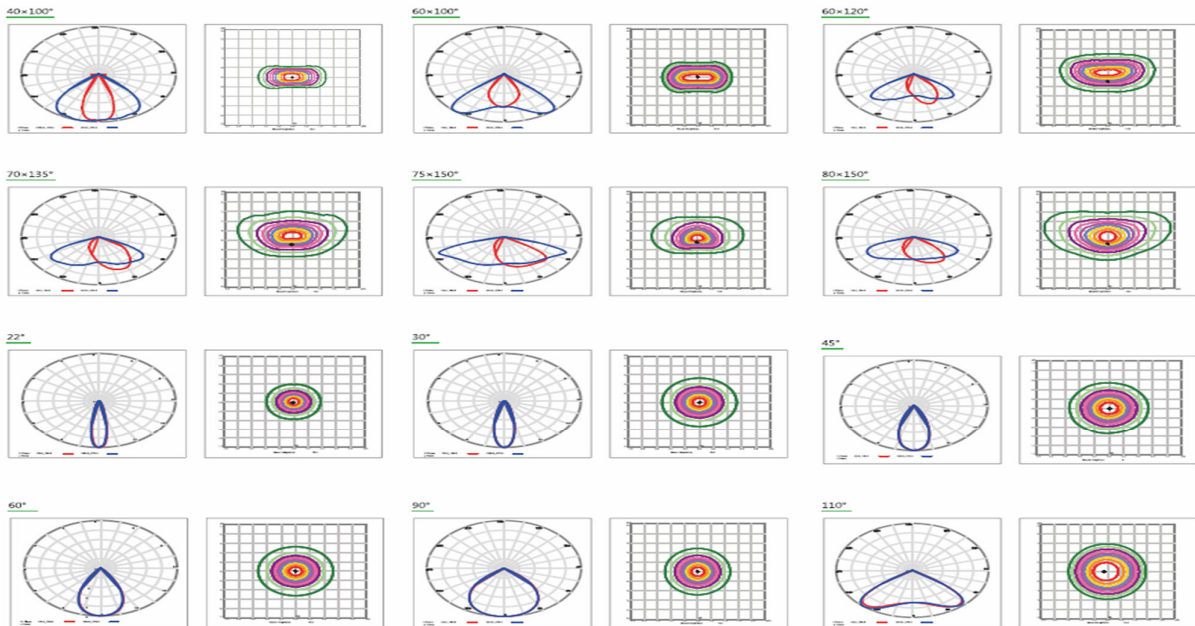
PRODUCT INFORMATION

Model No.	Description	Rated Watts	Voltage	Color Temp.	IP Rate	Efficacy	CRI	Ambient Temp.
NLFLH-D	Flood Light 200W (Dark Sky)	200W	120-277V	3000K	IP66	165 Lm/W	>80	-45°C to +60°C

SPECIFICATIONS

LED Driver	_____	Constant Current	Color Rendering Index (CRI)	_____	> 80
Input Line Voltage	_____	120-277V	Minimum Starting Temperature	_____	-45C°
Color Temperature	_____	3000K	Maximum Starting Temperature	_____	+60C°
IK Rate	_____	IK 10	Lumens per Watt	_____	> 165
Dimension (mm)	_____	446x370x175	Shock / Vibration Resistant	_____	Yes
Line Frequency	_____	50 / 60Hz	Power Factor	_____	> 0.96
Weight	_____	6.5Kg	Housing IP Rating	_____	IP 66
Lumen Package	_____	33000Lum	Humidity Rating	_____	5% to 95%
Warranty	_____	5 Years			

PHOTOMETRIC



MOUNTING OPTIONS

