



**NEPTUNE FFL-E™**

**Marine Flanking Light**

**DESCRIPTION**

LED flanking luminaires by TGS Marine incorporate the highest quality components with purpose-built design and an anti-corrosive coating designed for marine environments. Ideal for use on barges, tugboats, ferries, and other marine applications, a selection of beam angles from 15 degrees to 120 degrees provides ideal illumination options for safe waterway navigation. High efficacy OSRAM LEDs provide clean, uniform, long-lasting illumination.

**APPLICATIONS**

Marine, Outdoor, Wet location

**NEPTUNE FFL-E™**

100W (13,000 lm)  
150W (19,500 lm)



**FEATURES**

**Construction**

Rugged, die-cast housing with advanced thermal management system ensures reliability and durability. Available in Black and White Finish. Follows corrosion standards according to ISO 9227:2012.

**Electrical**

Luminaire utilizes high-efficiency LED packages maintained at cool temperatures for long life, high efficacy. Input voltage (100-277V) for convenient installation. 3.75kV surge protector included. 3 ft power cord comes standard.

Projected L70: 54,000 hours  
Warranty: 5 Years  
Efficacy: 130 LpW  
1-10V Dimming

**Optical System**

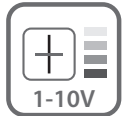
Wide selection of beam angles:  
15°, 60°, 90°, 120°

**Installation/ Mounting**

Trunnion Mounted



IP65



1-10V Dimming

**Warranty**

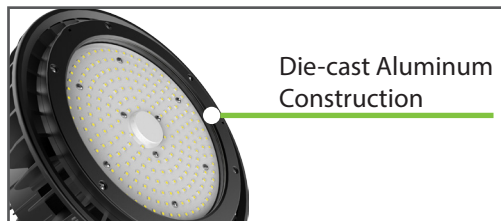
5 Year Warranty.  
See warranty documentation for more information.

**Controls/Dimming**

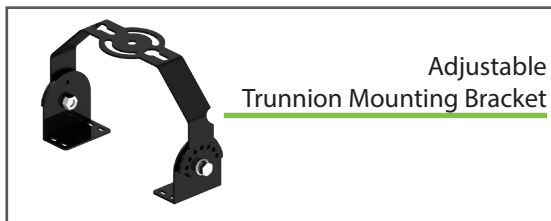
1-10V Dimming comes standard. Suitable for use with LED dimmers.



Anti-Corrosion



Die-cast Aluminum Construction



Adjustable Trunnion Mounting Bracket

**Ordering Information**

**EXAMPLE: FFL-E-100W-50K-WD-U-D-TM-B**

LED Flank	Wattage	CCT	Beam Angle	Input Voltage	Dimming	Mounting Option	Body Finish
FFL-E	100 - 100W 150 - 150W	50 - 5000K 40 - 4000K *30 - 3000K *22 - 2200K	WD - 120° MD - 90° NF - 60° NS - 15°	U - 100-277VAC	D - 1-10V Dimming	TM - Trunnion Mount	B - Black (Standard) *W - White (Optional)

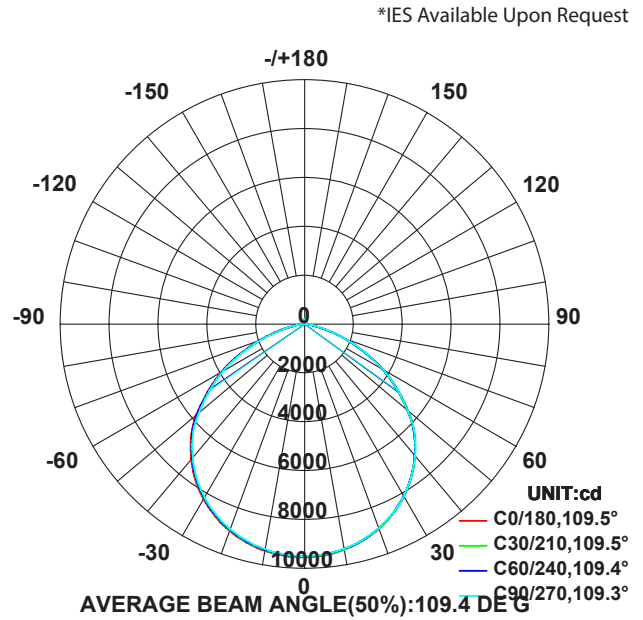
Specifications and Dimensions subject to change without notice.

\*MOQ and longer lead times may apply, please contact customer service for more information.

## Performance Information

Input Voltage	100-277VAC
Input Frequency	50/60Hz
Wattage	See Performance Table
Delivered Lumens	See Performance Table
Efficacy	See Performance Table
CRI	>75+
Available CCT	2200K, 3000K, 4000K, 5000K
Projected L70	54,000+ hours
Power Factor	>0.9
THD	<20%
Dimming	1-10V
Operating Temp.	-22°~122°F
IP Rating	IP65

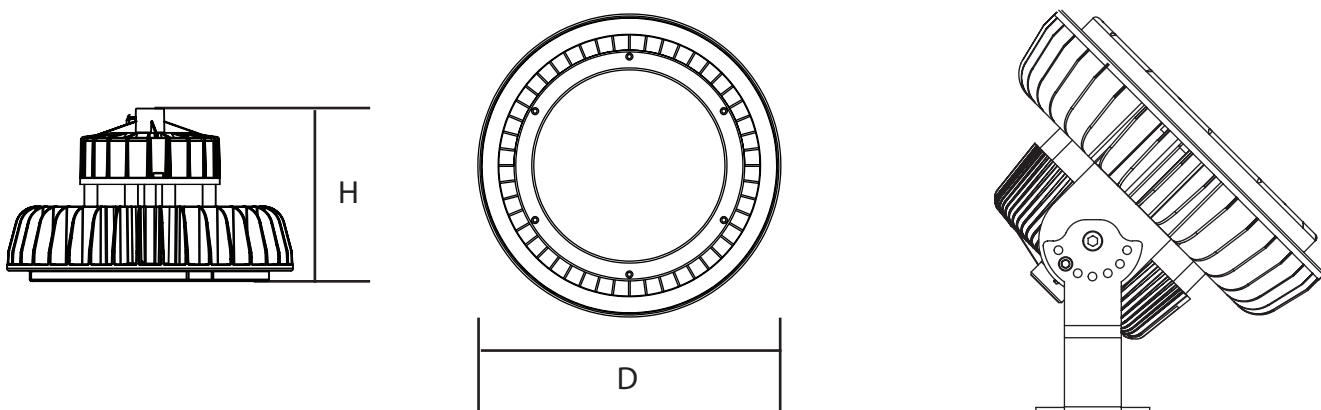
## Photometric Data



## Performance Table

SKU	Wattage (W)	5000K	
		Delivered Lumens (lm)	Efficacy (lm/W)
FFL-E-100-50-WD-U-D-TM-X	100	13000	130
FFL-E-150-50-WD-U-D-TM-X	150	19500	130

## Product Dimensions



SKU	H	D	Weight (lbs)
FFL-E-100-XX-WD-U-D-TM-X	6.00"	ø10.20"	6
FFL-E-150-XX-WD-U-D-TM-X	6.30"	ø10.20"	7