

TITAN 400



TITAN Flood Lighting Series: LED Mast Light Replacement

Titan 400 offers an unparalleled level of illumination and durability when compared to other Heavy Duty LED flood lights. Designed for areas and environments requiring significant area lighting, the Titan 400 produces over 54,000 effective lumen. With its robust and modular anodized aluminum construction, using advanced LED diode technology for even greater power and performance,, the Titan 400 is the ultimate solution for rigorous outdoor flood lighting applications for both Industrial and Marine related applications.

TECHNICAL DATA

Model	Titan 400
Power	400W
Luminous Efficacy	160lm/W
Lumen Output	~64,000
LED Quantity	60 diodes @ 7w
Dimension	660*435*75mm / 26*17*3" 40lbs (not including bracket weight)
CCT	2700k, 4000k, 5000k
CRI	>80Ra
System Efficiency	≥90%
Beam pattern	15°, 25°, 40°, 60°, 90° (15/90° Custom option)

ELECTRICAL DETAILS

Input Voltage	AC100-277 (347V/480V-option)
Power Frequency	50-60Hz
Output Voltage	42VDC
Power Efficiency	>90%
Power Factor	≥0.95
Total Harmonic Distortion	≤15%

OTHER DETAILS

IP Rating	IP68 Marine Rated
Lifespan	LM-79, LM-80 tests and reports are performed in accordance to IESNA standards • Projected L70 ≥ 50,000 life hours per IES TM-21
Storage Temperature	-20°~65°C
Operating Temperature	-45°C to 60°C
Certification	UL1598, CSA C22.2 #250.0 IK10, IP68
Color of housing	Silver Anodized Marine Aluminum - Copper free
Bracket	3/8 thick 5086 Marine aluminum with 3" OD Slip Fitter Mount using 3, 3/8 SS locking bolts. Harp (U-shape) and other custom brackets available on request.

CERTIFICATIONS



ORDERING SHEET

PRODUCT	VOLTAGE	BEAM PATTERN	LENS	COLOR (CCT)	BRACKET	APPLICATION
Titan 400	1. 110-277VAC	1. 15° *	1. Standard	1. 2700K	1. Slip Fitter/ Pole mount 2. Flat Bracket	1. IP68 Marine App.
	2. 347/480	2. 25°		2. 5000K		2. IP66 Industrial App.
		3. 40°		3. 4000K *		
		4. 60°				
		5. 90° *				

* additional cost and lead time may apply