PTLX GLOBAL™

TITAN™ 240 LED MARINE FLOODLIGHT

MARINE-GRADE LIGHTING | 90-295 VAC



240 W	IP67 / IP68	90–295 VAC
38,400 lm • 160 lm/W	IK10 impact rated	ETL Listed (C/US)

The TITAN™ 240 shares the same form factor as our TITAN™ 150, but steps up to higher-wattage 10 W diodes and a higher-capacity driver for a full 240 W of output. Built for Marine, Port, Natatorium and other difficult wet location applications, it delivers 38,400 lumens at 160 lm/W from Bridgelux LEDs. Its low-copper anodized aluminum housing and 316 stainless steel bracket are made to stand up to salt air, spray and constant moisture.

When an aft deck, dock or work area needs more light, the TITAN™ 240 drops straight into the existing Aqua Signal bracket, with no remounting required.

C ETL US LISTED

IP67
DUST-TIGHT
STANDARD

IP68
SUBMERSIBLE
OPTIONAL

IK10
IMPACT RATED
20 JOULES

3-YEAR
WARRANTY
MARINE & WET LOC.

800 397 7859

SALES@PTLXGLOBAL.COM

PRODUCT OVERVIEW & ORDERING GUIDE

The TITAN™ 240 is a higher-output model in the TITAN™ family, which extends up to 1000 W. It has the same footprint and mounting as the TITAN™ 150 and produces 60% more light. To build a part number, choose the color temperature, color rendering, beam angle and ingress protection required for the job.

Option	Code	Description
Product	**TITAN 240**	240 W LED marine floodlight, 38,400 lm nominal
Input	**AC**	90–295 VAC
Color Temperature	**27K / 40K / 50K / 57K**	Standard: 2700K, 4000K, 5000K, 5700K
	22K / 65K	Custom: 2200K, 6500K (consult factory)
Color Rendering	**75**	Standard: CRI 75+
	85 / 95	Custom: CRI 85+, 95+ (consult factory)
Beam Angle	**10 / 25 / 40 / 60 / 90 / 120**	Beam angle in degrees
Ingress Protection	**IP67 / IP68**	IP67 standard; IP68 optional
Junction Box	**JB***	Optional junction box; omit for standard (no junction box)

** Upcharge applies to the junction box option. Consult factory for pricing.*

HOW TO READ A PART NUMBER

TITAN 240	AC	40K	75	40	IP67	JB*
Product	Input	Color Temp.	CRI	Beam Angle	Protection	Junction Box*

Example: **TITAN 240-AC-40K-75-40-IP67** is a 90–295 VAC TITAN 240 with 4000K color temperature, CRI 75+, a 40° beam and IP67 protection.

Add **-JB** to the end of the part number for the optional junction box* (e.g., TITAN 240-AC-40K-75-40-IP67-JB).

WHEN ORDERING, PLEASE SPECIFY

- **Part number**: product, input, CCT, CRI, beam and protection (e.g., TITAN 240-AC-40K-75-40-IP67)
- **Quantity**
- **Mounting**: 5 mm 316 stainless steel bracket (standard); custom hole pattern available
- **Retrofit**: when replacing an existing Aqua Signal fixture, note the existing bracket to the TITAN™ 240 so it drops right in
- **Custom options**: 2200K and 6500K color temperature, and CRI 85+ or 95+; consult factory for lead time
- **Junction box***: add -JB for the optional junction box; *upcharge applies

KEY FEATURES & PERFORMANCE CHARACTERISTICS

More Light, Same Footprint

The TITAN™ 240 uses the same housing and mounting as the TITAN™ 150, fitted with 10 W diodes and a higher-capacity driver. The result is 60% more output from a fixture that fits the same space and the same bracket.

Drop-In Aqua Signal Retrofit

Fits existing Aqua Signal floodlight brackets, so crews can swap out the old fixture for a TITAN™ 240 without drilling, fabricating or remounting.

Marine-Grade Construction

A low-copper anodized aluminum housing and a 5 mm 316 stainless steel bracket are made to hold up to salt air and spray. IP67 is standard, and IP68 is available where the fixture may be submerged.

Bridgelux Optics at 160 lm/W

Bridgelux LEDs produce 38,400 lumens. Six beam angles run from a 10° spot to a 120° flood, with CRI 75+ standard (85+ and 95+ custom) and four standard color temperatures.

IK10 Impact Rated

Rated IK10, the top of the IK impact scale (20 joules), for decks and docks where cargo, gear and lines are always on the move.

High-Capacity AC Driver

Sized for the 240 W LED array, the wide-range 90–295 VAC driver covers 120, 208, 240 and 277 V systems and supports operation from −40°C to +60°C (−40°F to +140°F). ETL Listed for the United States and Canada (C/US).

3-Year Warranty

Backed by a 3-year warranty in marine and severe wet location applications.

TARGET APPLICATIONS

MARINE VESSELS	PORTS & DOCKS	NATATORIUMS & WET LOCATIONS
• Aft deck lighting	• Docks and piers	• Natatoriums and indoor pools
• Work and cargo decks	• Port and terminal areas	• Waterfront facilities
• Mast and rigging floodlights	• Loading and staging areas	• Other difficult wet locations

DROP-IN RETROFIT FOR AQUA SIGNAL BRACKETS



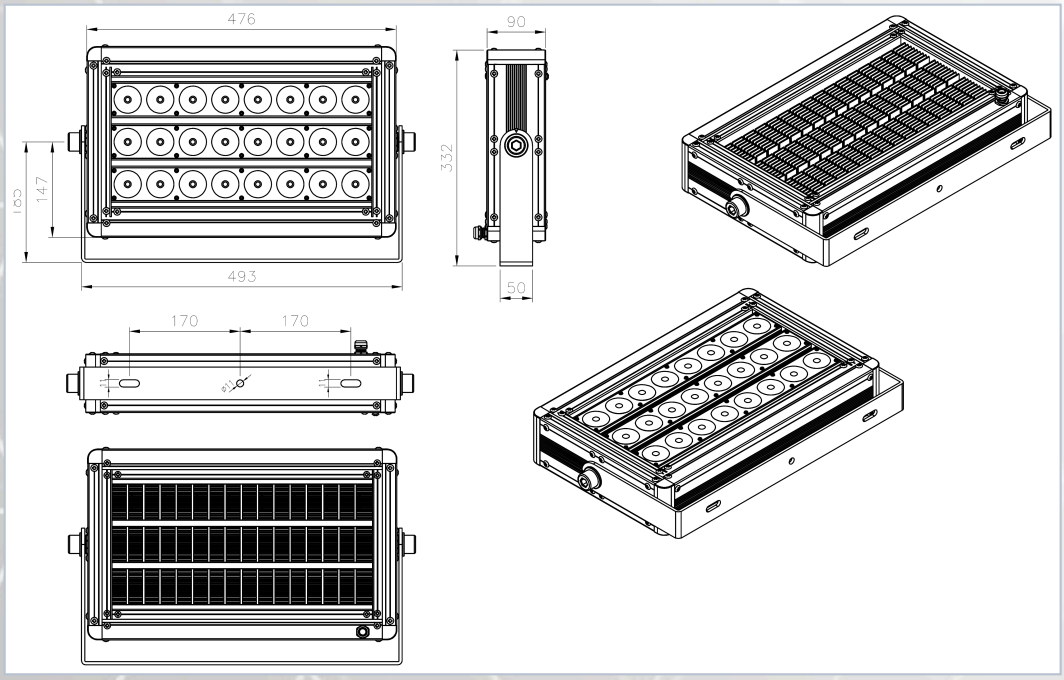
More output, same bracket

The TITAN™ 240 is designed to fit the existing Aqua Signal bracket. Remove the old Aqua Signal unit and mount the TITAN™ 240 on the same bracket to put 240 W of LED light where the original fixture was.

- Same bracket, no new holes
- Less labor and vessel downtime
- Keeps the original aiming position
- 38,400 lumens from 240 W

Shown: TITAN™ series fixture (right) installed beside an original Aqua Signal fixture (left).

MECHANICAL DIMENSIONS



Housing (W × H × D)
476 × 332 × 90 mm
(18.74 × 13.07 × 3.54 in)

Overall Width
493 mm (19.41 in)
across side mounting hubs

Bracket Holes
Ø11 mm center hole;
slots at 170 mm each side

Net Weight
12 kg (26.5 lb)

Bracket
5 mm 316 stainless steel;
custom hole pattern available

Drawing dimensions in millimeters. Verify mounting details against delivered hardware.

Aqua Signal is a trademark of its respective owner. PTLX Global is not affiliated with Aqua Signal.

TECHNICAL SPECIFICATIONS

Specification	TITAN™ 240 – AC
Model	TITAN 240-AC
Input Voltage	90–295 VAC
Input Current	2.0 A @ 120 VAC; 1.0 A @ 240 VAC
Rated Power	240 W
Luminous Flux	38,400 lm (nominal)
Luminous Efficacy	160 lm/W
LED Source	Bridgelux LED
Color Temperature	Standard: 2700K / 4000K / 5000K / 5700K; Custom: 2200K / 6500K
Color Rendering	Standard: CRI 75+; Custom: CRI 85+ / 95+
Beam Angles	10° / 25° / 40° / 60° / 90° / 120°
Ingress Protection	IP67 standard / IP68 optional
Impact Rating	IK10
Operating Ambient	−40°C to +60°C (−40°F to +140°F)
Housing	Low-copper anodized aluminum
Mounting Bracket	5 mm 316 stainless steel; custom hole pattern available; fits existing Aqua Signal brackets
Dimensions	476 × 332 × 90 mm (18.74 × 13.07 × 3.54 in); 493 mm (19.41 in) overall width across mounting hubs
Net Weight	12 kg (26.5 lb)
Options	Junction box (JB)*; *upcharge applies
Certification	ETL Listed, C/US (United States and Canada)
Warranty	3 years in marine and severe wet location applications



