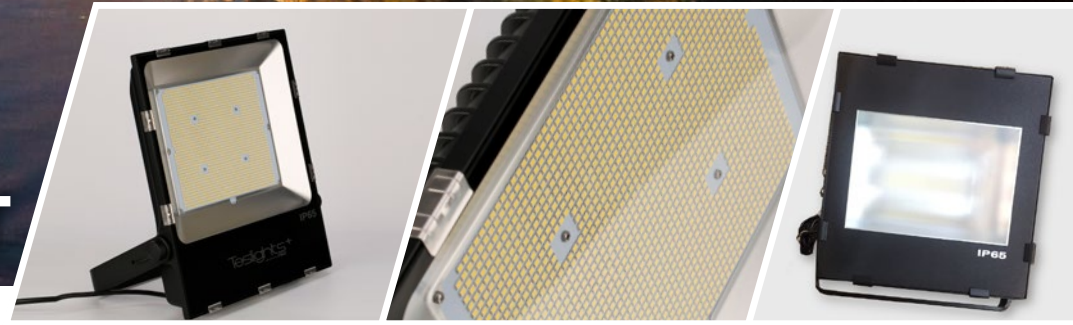# Teslights
Marine Lighting

SMART LED
FLOODLIGHT

The images are merely illustrative, some technical features and accessories may be changed without notice.

MARINE

For additional information, please contact us
www.teslights.com - info@teslights.com

DACROMET® MEAN WELL cETLus Intertek S REPUBLICA ARGENTINA CE RoHS Compliant ISO 9001 SGS UKAS QUALITY MANAGEMENT

(i) Product Description

Durable and bright, Teslights LED Flood light are a superior direct replacement for antiquated incandescent fixtures. Our flood Lights feature powerful beams that shine with quality and efficiency.

These lamps are easily adjustable by level, and angle of illumination making this choice today's best technology for lighting large areas such as boat decks, engine rooms, fabrication shops, warehouses, dry docks, parking lots and work yards.

These industry leading Flood Lights feature a high efficient driver, Dacromet® coating for corrosion protection, a stainless steel bracket, a modular manufacturing process, a waterproof quick disconnect, and no rewiring of the fixture minimizing replacement and maintenance costs.

Key Features

- **High efficient driver**
- **Dacromet® coating for corrosion protection**
- **Stainless Steel Bracket**
- **Modular manufacturing process**
- **5 year factory warranty**
- **No rewiring of fixture, minimizing replacement and maintenance costs**

Product Specifications

Floodlight A

LED package:	SMD 2835
Power consumption:	10 - 200W ±5%
Input voltage:	100~277V AC 50/60Hz
Efficacy:	Up to 150 lm/W
THD:	<18%
P.F.:	>0.99
CRI:	>80
Dimming:	(0-10V)
Material:	6030 aluminum base and reinforced glass cover with Dacromet® coating
Beam angle:	120°
IP rating:	IP65
Fire rating:	94V0
Operating temperature:	-25°C ~ + 50°C

Floodlight N

LED package:	SMD 3535
Power consumption:	400 - 1000W ±5%
Input voltage:	100~277V AC 50/60Hz
Efficacy:	Up to 100 lm/W
THD:	<18%
P.F.:	>0.95
CRI:	>80
Dimming:	(0-10V)
Material:	6030 aluminum base and reinforced glass cover with Dacromet® coating
Beam angle:	30*90° / 60*90° / 50*90°
IP rating:	IP65
Fire rating:	94V0
Operating temperature:	-25°C ~ + 50°C

Product Measurement

Floodlight A
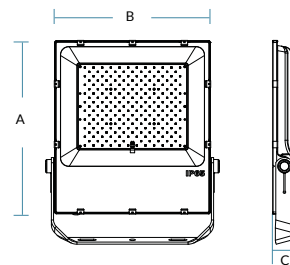
Model	Measures (AxBxC)
FLA 50W	265 x 220 x 50 mm
FLA 70W	300 x 245 x 55 mm
FLA 100W	345 x 295 x 60 mm
FLA 150W	365 x 330 x 60 mm
FLA 200W	400 x 360 x 60 mm

Floodlight N
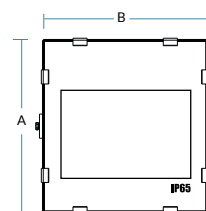
Model	Measures (AxBxC)
FLN 400W-500W-1000W	431.8 x 406.4 x 310.1 mm

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Ordering Guide

Example: FLAP200M150C50-Q

Type	Dim or non-dim		Watts		Driver/Voltage		Efficiency		Cover		CCT		Quick Disconnect		Beam Angle	
FLA	P		200		M		150		C		50		-Q			
FLA	S P	Non-dimmable Dimmable	050 070 100 150 200	50 W 70 W 100 W 150 W 200 W	M	Internal 100-277V 50/60Hz	100 150	100 lm/W 150 lm/W	C	Clear	50	5000 K	-Q	Quick Disconnect / 6-foot lenght cable			
FLN	S P	Non-dimmable Dimmable	400 500	400 W 500 W	M	Internal 100-277V 50/60Hz	100	100 lm/W	C	Clear	50	5000 K	-Q	Quick Disconnect / 6-foot lenght cable		-30*90 -60*90	30*90° 60*90°
			1000	1000 W												-50*90	50*90°

Note: We can also produce FLA and FLN in different Wattages, lumens variations, and color temperatures.
For more information contact your account manager.
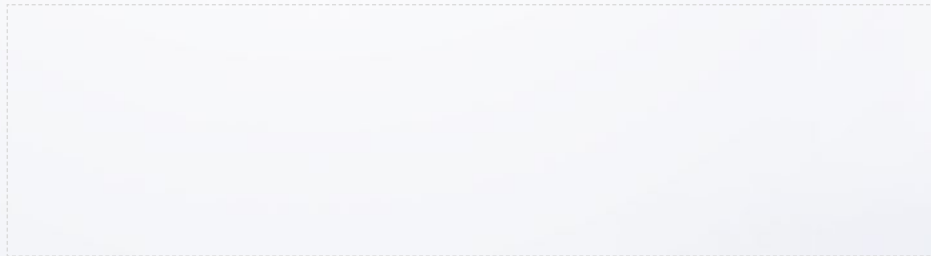
Installation

1. Turn off power of fixture
2. Determine the position you will be placing the equipment. You can either put it on the floor or hang it from the ceiling or a column depending on the case. Please note that the equipment has 3 different wires: yellow (earth), blue (neutral), red (line).
3. Connect the wires to a electric dice or to the power supply.
4. Turn on power of fixture

NOTE: Reference **www.teslights.com/products** for detailed installation instructions

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