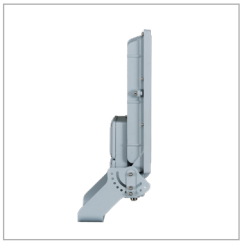
WARRIOR LED
Heavy Industrial SPI High Power Floodlight

CE











Ease of Maintenance

A unique modular design means key components can be accessed easily and replaced independently, simplifying servicing in the field.

Multiple Beam Patterns

15 optic choices, the widest range on the market, for precise light distribution across any area.

Outstanding Performance

Up to 45,000 lumens with best-in-class efficacy of 168 lm/W, delivering powerful output with lower energy costs.

Robust & Durable

Marine-grade aluminium with Raytec's CX-rated coating system, engineered to withstand the most corrosive environments across extreme temperatures.

5 YEAR WARRANTY

All Raytec luminaires are provided with an industry leading 5 year warranty and have an expected useful life in excess of 10 years. See Warranty Statement for details.

5 YEAR WARRANTY

Raytec Global (excluding Americas): +44 (0) 1670 520055 • sales@raytecled.com
Raytec Americas: +1 613 270 9990 • ushazsales@raytecled.com

Technical Specifications

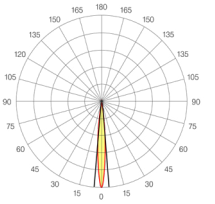
Electrical	HPFL100	HPFL200	HPFL300	HPFL400
Input	150-264V 50/60Hz AC/DC 110V version available (Contact Raytec)			
Power	167W	200W	240W	290W
Termination	Incoming terminal block suitable for looping 4 core 4mm² cable (Other options available. Please contact Raytec)			
Power Factor	>0.95			
Cable Entries	2xM20 gland entries as standard (other options available) Supplied with 1 approved stopper plug			
DALI	Dimming Protocol DALI 2.0 as standard			

Optical	HPFL100	HPFL200	HPFL300	HPFL400
Beam Patterns	Multiple symmetrical and assymetrical beam patterns available. See light distribution graphs below			
Lumen Output	See lumen output table below			
LED Type	Platinum Elite SMT LEDs			
Number of LEDs	384			
CRI	80+			
Colour Temperature	6,500K			

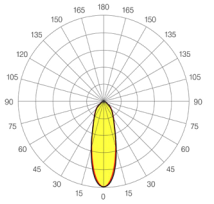
Mechanical	HPFL100	HPFL200	HPFL300	HPFL400
Burning Position	Universal			
IP Rating	IP66/IP67			
IK Rating	IK09			
Temperature Range	-40°C to+70°C (-40°F to+158°F)	-40°C to+65°C (-40°F to+149°F)	-40°C to+60°C (-40°F to+140°F)	-40°C to+50°C (-40°F to+122°F)
Weight	18.5kg (40.8lbs)			
Enclosure	Marine grade aluminium enclosure with CX Shield protective coating system. All external fasteners and brackets are marine grade stainless steel			
Corrosion Class	CX in accordance with ISO 12944-9:2018			
Unit Colour	Silver (RAL 9006)			
Installation Instructions	Please see document number 1050-D-00036 at raytecled.com			
Spare Part Availability	For detailed information on spare part availability please contact Raytec			
Dimensions	See dimensional sketches			
Mounting	Stirrup bracket (see dimension drawings)			

Beam Patterns - Circular

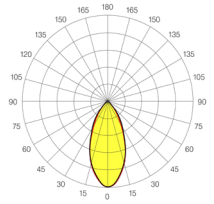
10° x 10°



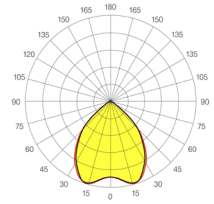
30° x 30°



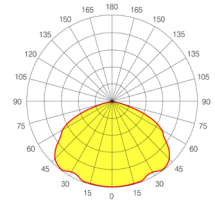
60° x 60°



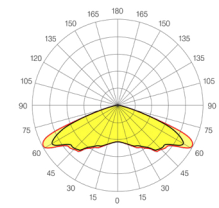
90° x 90°



120° x 120°

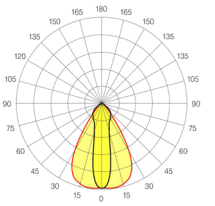


140° x 140°

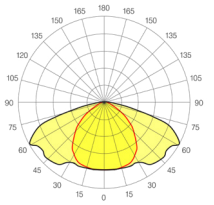


Beam Patterns – Elliptical

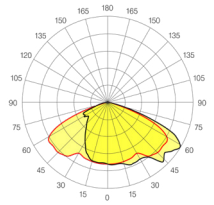
80° x 30°



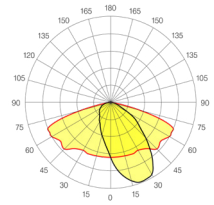
120° x 50°



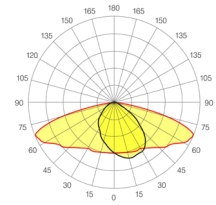
AR1



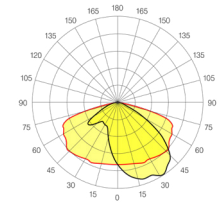
PP1



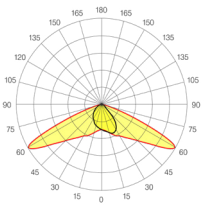
PP2



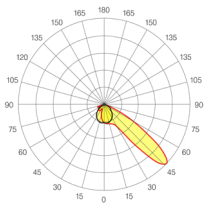
PP3



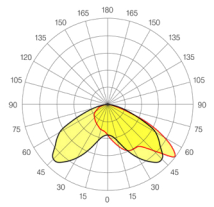
WB



FN



FW



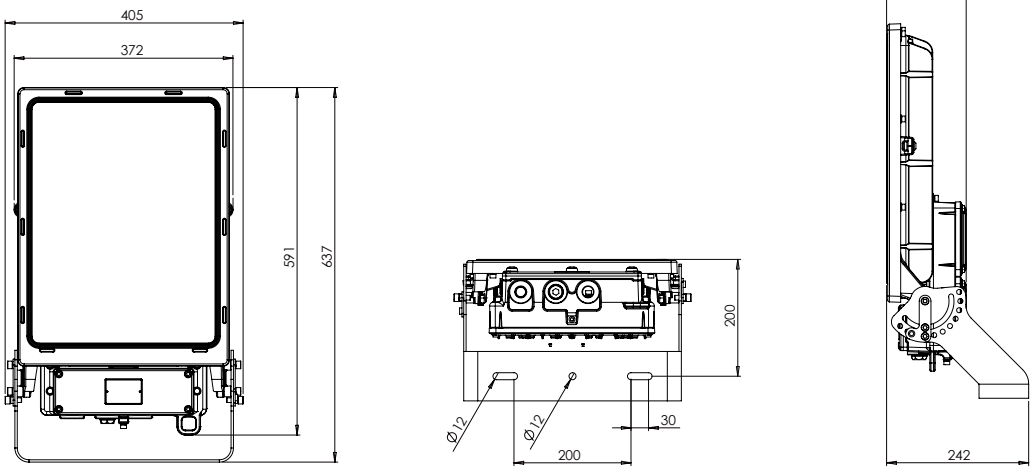
Lumen Output by Beam Pattern

Lumen Output on Mains

Variant	10x10	30x30	60x60	90x90	120x50	140x140	AR1	PP1	PP2	PP3	80x30	FN	FW	120x120	WB
HPFL100	23585	25628	28056	27704	24180	24620	23944	25644	24792	24768	26941	26415	21318	24180	25475
HPFL200	27909	30326	33200	32783	28613	29134	28334	30346	29337	29309	31880	31258	25227	28613	30145
HPFL300	32482	35296	38640	38155	33302	33908	32977	35319	34144	34111	37104	36379	29360	33302	35085
HPFL400	37754	41024	44911	44348	38707	39412	38329	41051	39686	39647	43126	42284	34125	38707	40779

For more information on Lumen Outputs please contact Raytec.
Other beam patterns also available. Please contact Raytec for more information.

Product Dimensions



Part Code Builder

WARRIOR High Power Flood

Example - SPI-HPFL300-W-9090					
Family	Model	Light Type	Optics	CCT	Entry
SPI	HPFL100	W- White Light	1010	Not Stated - 6500K	Not Stated - M20
	HPFL200		3030	4K - 4000K	M25
	HPFL300		6060		
	HPFL400		9090		
			120120		
			140140		
			12050		
			AR1		
			PP1		
			PP2		
			PP3		
			8030		
			FN		
			FW		
			WB		

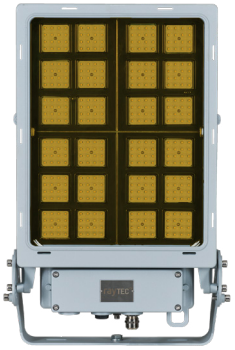
WARRIOR High Power Bespoke Options

Wildlife Friendly

Minimises disruption to wildlife with a specialist light spectrum designed for sensitive environments.

Example ordering code: SPI-HPFL100-A-9090

Other LED colours and wavelengths are available - talk to us about your requirements at **sales@raytecled.com**.



Wildlife-Friendly Variant

Remote Mount

Enables the driver and light source to be remotely mounted for greater installation flexibility and easier maintenance.

Disclaimer

The information provided in this document was accurate at the time of its creation. However, due to the evolving nature of our products and continuous improvements, there may be changes or updates that occur after its publication. For the most current and detailed information about our products, please contact our sales team at sales@raytecled.com.