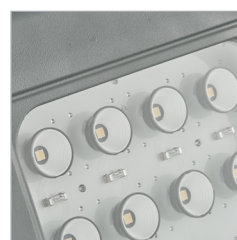
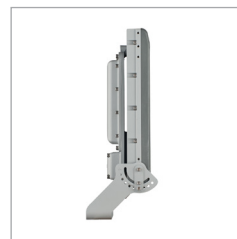


SPARTAN SPZ

LED Zone 2 High Power Floodlight



rayTEC



Power and Performance

High lumen output up to 25,000 lumens and a range of beam patterns to effectively light up large open areas such as oil rigs.



Robust and Durable

Robust and durable construction from marine grade aluminium and with a wide operating temperature for even the most challenging conditions.



Retrofittable and Modular

Designed to directly replace traditional discharge light sources up to 400W SON. The modular design allows easy access to key components and the ability to mount the PSU remotely (contact Raytec for details).



Controllable

DALI 2.0 Dimmable as standard for precise and flexible control of lighting assets.

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.

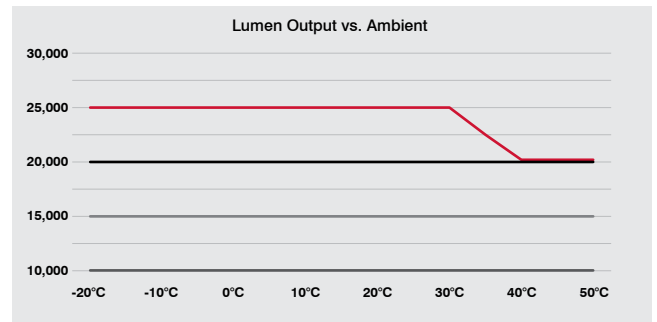


Technical Specifications

Certification

ATEX Rating	ATEX, UKEX and IEC Ex rated for Gas and Dust
Hazardous Area Rating	Zone 2 – Gas and Dust
Certificates	CML 17ATEX 4149 AND IEC Ex CML 17.0074 AND CML21UKEX4101
Gas	II 3 G D Ex ec nR IIC T4 Gc Ta= -50°C to +50°C
Dust	Ex tc IIIC T104°C Dc Ta+ -50°C to +50°C IP66
ABS Certificate #	ABS Certificate # 20-1990083-PDA

Automatic Thermal Cutback Feature



— 25K Lumens — 20K Lumens — 15K Lumens — 10K Lumens

Electrical

	10K	15K	20K	25K
Input	150-264V 50/60Hz AC/DC 110V variant available - please contact Raytec			
Power	120W	180W	240W	300W
Termination	Incoming terminal block suitable for looping 3 core 4mm ² cable			
Power Factor	>0.95	>0.95	>0.95	>0.95
Cable Entries	2xM20 as standard (other entries available upon request), dispatched complete with one ATEX/IEC Ex approved blanking plug			

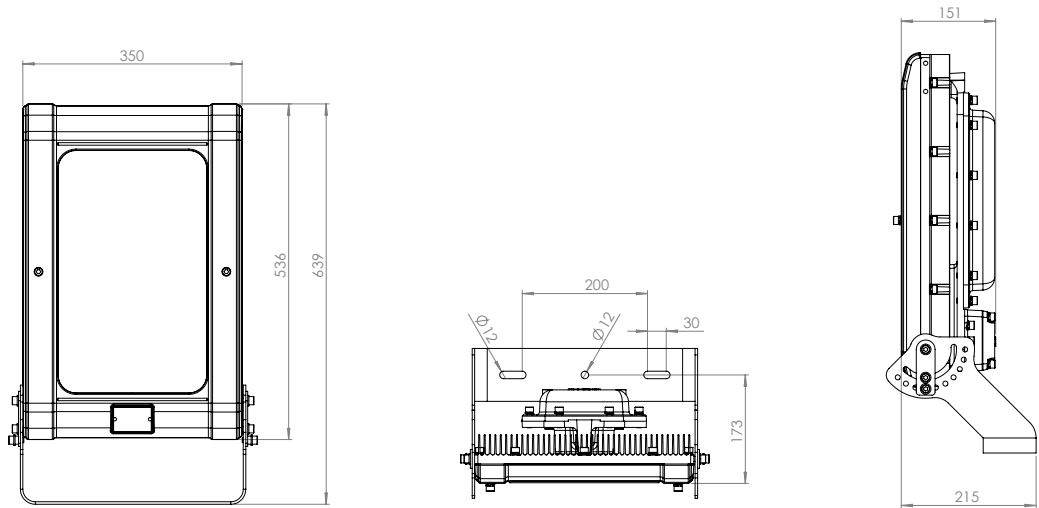
Optical

	10K	15K	20K	25K
Beam Patterns	30° x 30° or 60° x 60° or 90° x 90°			
Lumen Output	10,000lm	15,000lm	20,000lm	25,000lm
LED Type	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs
Number of LEDs	12	24	24	24
CRI	70+	70+	70+	70+
Colour Temperature	5,700K	5,700K	5,700K	5,700K
Automatic Thermal Cutback Feature	Refer to the graph above	Refer to the graph above	Refer to the graph above	Refer to the graph above

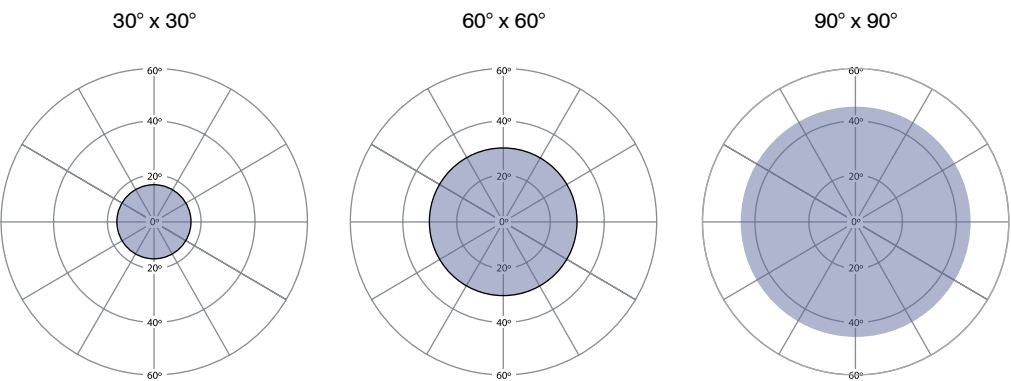
Mechanical

	10K	15K	20K	25K
Burning Position	Universal	Universal	Universal	Universal
IP Rating	IP66 & IP67	IP66 & IP67	IP66 & IP67	IP66 & IP67
Temperature Range	-50°C to +50°C	-50°C to +50°C	-50°C to +50°C	-50°C to +50°C
Weight	23.5kg (51.8lbs)	23.5kg (51.8lbs)	23.5kg (51.8lbs)	23.5kg (51.8lbs)
Enclosure	Marine grade aluminium epoxy powder coated, toughened glass, all external fasteners and brackets are marine grade stainless steel			
Unit Colour	Front - Dark Grey (RAL 7012) Back - Silver (RAL 9006)			
Installation Instructions	Please see document 1050-D-000006 at www.raytecled.com			
Dimensions	639 x 350 x 215mm (25.2 x 13.8 x 8.5")			
Mounting	Stirrup bracket (see dimension drawings on Page 3)			

Product Dimensions



Beam patterns - Circular



Part Code Builder

SPARTAN High Power Flood

Example - SPZ-HPFL15K-W-9090					
Family	Model	Light Type	Optics	Power	Entry
SPZ	HPFL10K	W- White Light	3030	Not Stated - 150-264ac	Not Stated - M20
	HPFL15K		6060	110 - 110V-277Vac	M25
	HPFL20K		9090		
	HPFL25K				