



Specifications

55W - DC

LED Lighting

Fixture specifications

- DC Electrical Connection: Industry standard Deutsch plug with a 30 cm silicone cable, resin potted and sealed into casting. (Optional 316 stainless steel gland and silicone flex and tail with IP67 inline connector available on request)
- IP Rating: IP69K
- Impact Rating: IK10
- Operation Temperature range: -30 ~ +50°C
- Expected Life Span: SLB15-55w 66.500 hours to 80% brightness, LM80 Fitting and Lens Frame Construction: High pressure cast marine grade aluminium, (conversion coating = 2 layers titanium-based E-coating)
- Mounting Bracket Material: 316 Stainless steel
- Fitting Lens Material: Replaceable UV coated polycarbonate. Optional lens toughened glass (impact rating IK09) Fitting Lens Gasket: One piece moulded silicone
- Powder Coat Colour: 2 layers of E-coat Titanium grey
- Available Fitting Beam Angle: 14°, 38°, 70° and 14° x 46°
- Optical Lens: High Grade Lenses that are interchangeable for different beam distributions
- LED Colour Temperature: White 5,000 Kelvin (stocked) optional neutral white 4000K & warm white 2700K
- CRI Colour Rendering: 70
- Light Source: High Power Cree LED's

Weight and Packaging

- Gross Weight: 3.1kg
- Product Dimensions: 150 x 122 x 115mm Packaging Dimensions: 170 x 170 x 160mm
- Warranty: Warranty 3 Years

Product Features

Piranha X – Glare specifically designed to maximise illumination and increase driver safety. The Piranha has four interchangeable beam distributions to ensure the perfect optic is used for each application, while minimising unwanted glare for driver safety. There are no harsh interreflection with the new X-Glare technology.

The Piranha Series is one of the toughest low voltage anti-vibration LED light fittings in the world. It is purpose built for mining equipment that experience the harshest conditions, both above and below ground. Mechanically and electronically it is the toughest in its class. The Piranha has eight levels of electrical protection to handle the worst conditions.

The fitting is installed on Haul Trucks, Dozers, Graders, Drill Rigs, Jumbos and Bidders.

The Piranha is Dutch engineered and purpose built with the highest-grade components, sourced internationally. Germany, Japan and US for silicon gaskets, connectors, thread sealants, and hardware. USA for LED's, Europe, Japan, USA & South Korea for electronic components. Switzerland for titanium e-coat paint.

Eight Levels of Protection

- 1) Cross polarity protection.
- 2) Over voltage protection.
- 3) Thermal management protection. In a 50°C ambient the light will begin to dim and not turn off. If there is a 70°C ambient it will dim down to 50% light output. At 70°C ambient the electronic components are 40°C under their maximum operating temperature, this ensures longevity of the electronic components.
- 4) 8,000W dump load transient protection.
- 5) 6,000 or 10,000A surge protection.
- 6) Inrush current protection / limiter.
- 7) Short circuit protection.
- 8) Secondary active voltage clamping and dump load protection..

Specifications Continued

Further specifications**Piranha X-Glare SLB15-55B
SLB15 - 24 Volt Models (Stocked in 14°, 38°, 70° and 14° x 46°)**

- Fixture Lu- mens 5,800 lumens
- Power Consumption: 55W
- Nominal Voltage: 24V
- Voltage Range: 20~35V

**Piranha X-Glare SLB15-55A
SLB15 - 12 Volt Models (Not Stocked Available on Request)**

- Fixture Lumens: 6,000 lumens
- Power Consumption: 55W
- Nominal Voltage: 12V
- Voltage Range: 9~23V

Diagram & Fitting Images



Application Images



MODEL	NUMBER	WATT (W)	VOLT AC/DC	LENS BEAM ANGLE	COLOUR TEMP. COOL WHITE 5K*	LENS COVER GLASS OR POLY CARBONATE	<u>ORDERING CODE</u>
Piranha	SLB15 5	5w 2	4	14°	CW P		SLB15552414CWG
Piranha	SLB15 5	5w 2	4	38°	CW P		SLB15552438CWG
Piranha	SLB15 5	5w 2	4	70°	CW P		SLB15552470CWG
Piranha	SLB15 5	5w 2	4	14° x 46°	CW P		SLB15552414x46CWG

- Mounting = Fully adjustable trunnion mount bracket with stainless steel triple lock bolts.
- Integral drivers on copper heat sink PCB in fixture.
- Light Distribution* = angle of main beam 14°, 38°, 70° and 14° x 46°.
- 5K* = Colour Temperature = Kelvin.
- 12 Volt option available on request.

