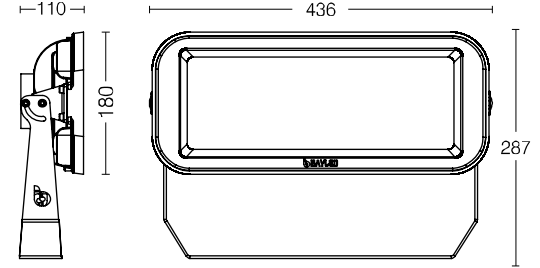


TETRA PRL-1 90W



FLOODLIGHT

IP66 IK09 EN60598 CE



PRODUCT DATA

General Information

| | |
|----------------------------|---|
| Number of light source | 128 pcs |
| LED module | Mid Power LED's on alu-PCB |
| Light distribution | 15°- 40°- 60°- 90°- 30°x96° |
| Light source colour | 3000K-4000K |
| Number of gear unit | 1 unit |
| Driver / power unit | PS (Constant current) |
| Driver included | Yes |
| Optical cover / lens type | Multi lens |
| Control interface | On/Off |
| Connection | - |
| Cable | 3x1,5 mm ² |
| Protection class IEC | Safety class I |
| CE mark | CE mark |
| ENEC mark | - |
| Warranty period | 5 years |
| Optic type | Symmetric - asymmetric |
| EU RoHS compliant | Yes |
| Light source engine type | LED |
| LDT / IES photometric file | Available |
| Life span | Estimated average 50.000 hours |
| MacAdams | CCT tolerance within a 3 step MacAdams ellipse |
| Product code | 45-10-90-128-XX-X (XX: Lens angle, X: Led colour) |

Operating and Electrical

| | |
|---------------------|--------------|
| Input Voltage | 100-305 V AC |
| Input frequency | 50 to 60 Hz |
| Inrush current | 409 mA |
| Power factor (min.) | 0.92 |

Control and Dimming

| | |
|--------------------|--------------|
| Dimmable(optional) | 1-10V - DALI |
| DMX | - |

Mechanical and Housing

| | |
|-------------------------------------|--------------------|
| Housing material | Aluminium die-cast |
| Gasket | Silicone |
| Optic material | PMMA |
| Optical cover / lens material | Glass (5mm) |
| Fixation material | Stainless steel |
| Mounting device | - |
| Effective projected area | 0,13m ² |
| Colour | Grey |
| Dimensions (height x width x depth) | 287 x 436 x 110 mm |

Approval and Application

| | |
|--|------------------------------|
| Ingress protection code | IP66 |
| Mech. impact protection code | IK09 |
| Surge protection (common/differential) | 6 KV/4KV (10KV/6KV optional) |

Initial Performance (IEC Compliant)

| | |
|--------------------------|-------------------------------------|
| Module luminous flux | 14041 lm (4000K) / 13343 lm (3000K) |
| Luminaire luminous flux | 13058 lm (4000K) / 12409 lm (3000K) |
| LED luminaire efficiency | 145 lm (4000K) / 138 lm (3000K) |
| Colour Temperature | 4000K / 3000K |
| | 6500K also available up on request. |
| Colour rendering index | ≥70 |
| Rated LED power | 82W |
| Rated luminaire power | 90W |

Application Conditions

| | |
|---------------------------|----------------|
| Ambient temperature range | -25°C to +55°C |
| Maximum dimming level | - |
| Net weight (piece) | 6 kg |

Fixture Run Length

To calculate fixture run lengths and total power consumption for your specific installation, please ask to company assistant

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