

# TETRA HBL-22 500W



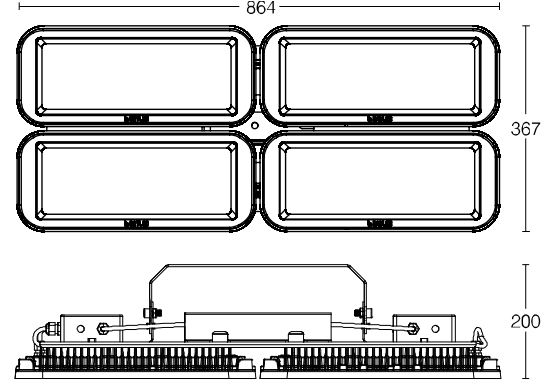
HIGH BAY LUMINAIRES

IP66

IK09



EN60598 CE



## PRODUCT DATA

### General Information

|                            |   |
|----------------------------|---|
| Number of light source     | 1152 pcs  |
| LED module                 | Mid Power LED's on alu-PCB                          |
| Light distribution         | 22°- 30°- 60°- 90°                                  |
| 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 <sup>2</sup>                               |
| Protection class IEC       | Safety class I                                      |
| CE mark                    | CE mark   |
| ENEC mark                  | -   |
| Warranty period            | 5 years   |
| Optic type                 | Symmetric   |
| 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               | 80-05-500-1152-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      | 2273 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            | 0,32m <sup>2</sup> |
| Colour                              | Grey               |
| Dimensions (height x width x depth) | 367 x 864 x 200 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     | 87952 lm (4000K) / 85456 lm (3000K) |
| Luminaire luminous flux  | 80036 lm (4000K) / 77804 lm (3000K) |
| LED luminaire efficiency | 160 lm (4000K) / 155 lm (3000K)     |
| Colour Temperature       | 4000K / 3000K                       |
|                          | 6500K also available up on request. |
| Colour rendering index   | >70                                 |
| Rated LED power          | 455W                                |
| Rated luminaire power    | 500W                                |

### Application Conditions

|                           |                |
|---------------------------|----------------|
| Ambient temperature range | -25°C to +55°C |
| Maximum dimming level     | -              |
| Net weight (piece)        | 23 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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