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**Dimensions**


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|                         |            |
|-------------------------|------------|
| Product dimensions (mm) | ø279 x 187 |
| Net weight (g)          | 4000       |
| Gross weight (Kg)       | 4,7        |

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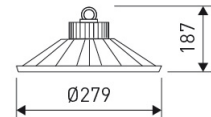


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**Scheme**


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Scheme




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**Product**


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|                             |                    |
|-----------------------------|--------------------|
| Real power (W)              | 100                |
| Real luminous flux (Lm)     | 11498              |
| Luminous efficiency (Lm/W)  | 114,9              |
| Beam angle (°)              | 90                 |
| Life time (h)               | 50000              |
| IP                          | 65                 |
| IK                          | 08                 |
| Electrical class insulation | Class 1            |
| Operating temperature       | from -20°C to 40°C |
| Electrical feeding          | 220..240V, 50/60Hz |
| Colour                      | Grey               |
| Energy efficiency class     | A+                 |

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**Control gear**


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|                       |  |
|-----------------------|--|
| Control gear included | Yes                                    |
| Control gear          | 1-10V Dimmable Electronic Control Gear |
| Factor de potencia    | 0,99                                   |

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**Light source**


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|                            |       |
|----------------------------|-------|
| Light source included      | Yes   |
| Light source               | Led   |
| Nominal power (W)          | 90    |
| Nominal luminous flux (Lm) | 13000 |
| Average life time (h)      | 50000 |
| Colour temperature (K)     | 5000  |
| Colour consistency (SDCM)  | 3     |
| CRI                        | 80    |

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**Photometry**


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

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## Industrial highbay luminaire from the TROLL family Astrea.

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**DESCRIPTION**

Industrial highbay luminaire from the TROLL family Astrea setting an advanced and innovative thermal balance system through passive dissipation with stable colour temperature of 4000° K (neutral white) optimised to be used as general lighting of warehouses, supermarkets, exhibition pavilions and other indoor industrial areas. Designed for Ceiling suspended installation. Body built in die-cast aluminium and polycarbonate finished in grey. Luminaire is IP65. Luminaire built-in an independent lens system for each led with an angle beam of 90°. Luminaire sets a 100 W LED source with CRI higher than 80 % and a chromatic dispersion lower than 3 SMCD. Fixture has a luminous flux of 11498 Lm, with an efficiency of 114,9 Lm/W and a total consumption of 100 W. The average life for the luminaire is 50000 h (stabilised at a minimum flux of 70 % from the original). Luminaire built-in an auxiliary gear Dimmable 1-10V fed at 220-240V; 50/60 Hz.

|                           |   |
|---------------------------|---|
| Item code                 | 11.1607.4852.21   |
| Product type              | IN  |
| Category                  | Industrial  |
| Family                    | Highbays  |
| Subfamily                 | Astrea  |
| Materials                 | Body built in die-cast aluminium and polycarbonate.   |
| Optical system            | Luminaire built-in a independent lens system for each led.  |
| Installation instructions | Luminaire designed for Ceiling suspended installation.  |
| Pictograms                |    |

Photometry

