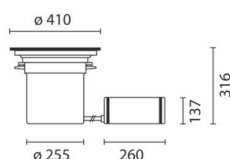
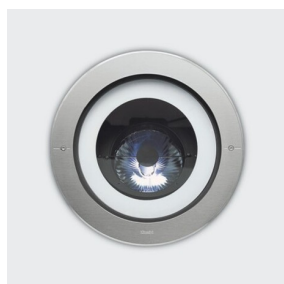


Last information update: May 2024

Product configuration: B025+1677

B025: Metal-halide projector 150 W HIT - adjustable spot optic 0°-25

**Product code**B025: Metal-halide projector 150 W HIT - adjustable spot optic 0°-25 **Attention! Code no longer in production****Technical description**

Luminaire recessed into the ground with die-cast aluminium body and outer casing; stainless-steel frame and screws; anodised polished superpure aluminium reflector. It is designed to use metal-halide lamps with adjustable spot optic. The outer casing for installation can be ordered separately from the optical assembly. Visual comfort is guaranteed by the a black steel antiglare screen. The optical assembly is closed at the top by a hardened sodium-lime glass (thickness 19 mm) with silicone gasket compressed by an AISI 304 stainless-steel frame. The optical assembly houses two hardened sodium-lime intermediate glasses (thickness 4 mm), one of which has a white silk-screen printing. The lower section houses a decompression box for cascade wiring by 6-pole terminal block and double stainless-steel cable-clamp M24x1.5. This section is connected to the optical assembly through a nickel-plated brass cable clamp M15x1. This makes it easier to open the upper glass by eliminating negative pressure inside the optical assembly and the pump effect on the supply cable. The body-optical assembly is equipped with a locking system with two stainless-steel captive screws on which two extruded aluminium supports can slide. The locking system ensures positioning and anchoring of the optical assembly to the outer casing. The acrylic painting of the body-optical assembly and outer casing guarantees protection against UV rays and the external environment. The coupling of frame, glass, optical assembly and outer casing guarantees resistance to a static load of 5000 kg. Glass surface temperature does not exceed 75°C.

Installation

Recessed into the ground by means of an outer casing. The upper rim of the installed outer casing should protrude out of the pavement by 1mm MAX. The outer casing has an upper diameter of 386 mm, a lower diameter of 837 mm, and is 350 mm high.

Colour

Steel (13)

Mounting

ground recessed

Wiring

Control gear inside painted aluminium separate box. Double stainless-steel cable clamp M24x1.5 for power supply

Notes

Available accessories: outer casing, refractor for the elliptical distribution of the light flow, coloured filters, suction cup and end cap for the outer casing. Version with antislip glass supplied upon request.

Complies with EN60598-1 and pertinent regulations

**Technical data**

| | | | |
|--|-------|---------------------------------------|----------------------|
| lm system: | 2571 | CRI: | 80 |
| W system: | 170 | Colour temperature [K]: | 3000 |
| lm source: | 13000 | Voltage [Vin]: | 230 |
| W source: | 150 | Lamp code: | 1677 |
| Luminous efficiency (lm/W, real value): | 15.1 | Socket: | G12 |
| lm in emergency mode: | - | Number of lamps for optical assembly: | 1 |
| Total light flux at or above an angle of 90° [Lm]: | 0 | ZVEI Code: | HIT |
| Light Output Ratio (L.O.R.) [%]: | 20 | Number of optical assemblies: | 1 |
| Beam angle [°]: | 8° | Intervallo temperatura ambiente: | from -20°C to +35°C. |

Polar

| Imax=92755 cd | | Lux | | | |
|---------------|------|-----|------|-----|------------------|
| | | h | d | Em | E _{max} |
| | 180° | | | | |
| | | 20 | 2.8 | 178 | 232 |
| | | 40 | 5.6 | 44 | 58 |
| | | 60 | 8.4 | 20 | 26 |
| | 0° | 80 | 11.2 | 11 | 14 |
| α = 8° | | | | | |

Isolux

