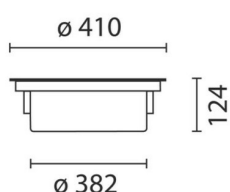
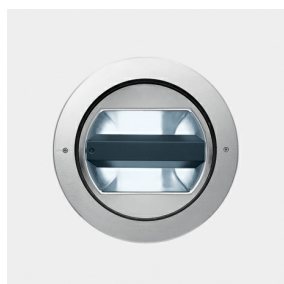


Last information update: May 2024

Product configuration: B020+1765

B020: Metal-halide/Sodium-vapour projector 70 W HIT-DE/HST-DE - wall-washer optic

**Product code**B020: Metal-halide/Sodium-vapour projector 70 W HIT-DE/HST-DE - wall-washer optic **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/sodium-vapour lamps with wall-washer 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 a hardened sodium-lime intermediate glass (thickness 4 mm). 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 85°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 385 mm, a lower diameter of 495 mm, and is 126 mm high.

Colour

Steel (13)

Mounting

ground recessed

Wiring

Control gear inside the body of the fitting.

Notes

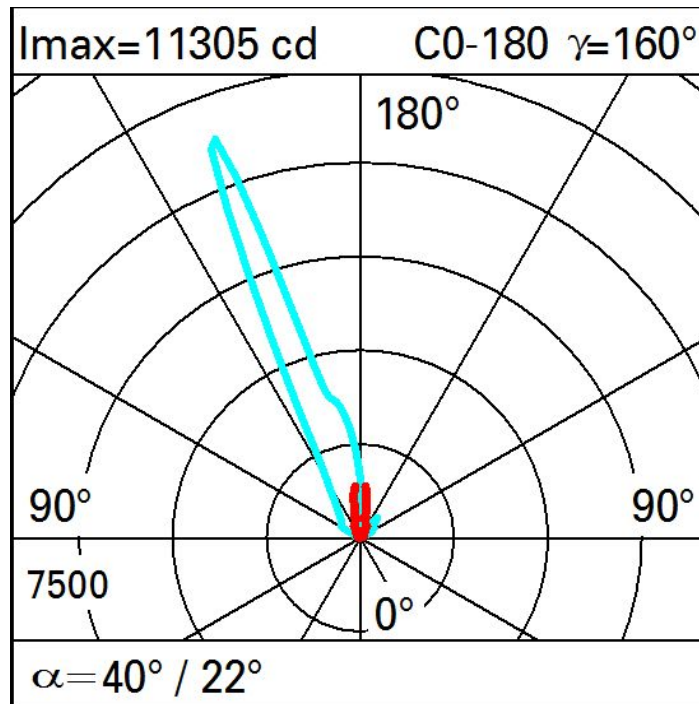
Available accessories: outer casing, coloured filters, suction cup and end cap for the outer casing. Version with antislip glass supplied upon request.

Complies with EN60598-1 and pertinent regulations

**Technical data**

lm system:	3138	Colour temperature [K]:	2000
W system:	82	Voltage [Vin]:	230
lm source:	7000	Lamp code:	1765
W source:	70	Socket:	Rx7s
Luminous efficiency (lm/W, real value):	38.3	Number of lamps for optical assembly:	1
lm in emergency mode:	-	ZVEI Code:	HST-DE
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	45	Intervalllo temperatura ambiente:	from -20°C to +35°C.
CRI:	20		

Polar



Illuminances

Lux													Wall distance = 1m		
3															
	19	48	131	248	432	486	432	248	131	48	19				
2	12	33	92	159	258	246	258	159	92	33	12				
	7	20	56	122	186	218	186	122	56	20	7				
1	0.8	9	37	97	200	263	200	97	37	9	0.8				
	0.2	0.5	1	7	212	60	212	7	1	0.5	0.2				
0															
	m	-2	-1	0	1	2	3								