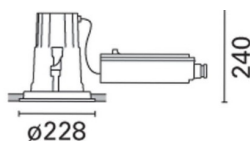


Last information update: May 2024

Product configuration: BE59+L062

BE59: Ceiling-mounted recessed luminaire with IP66 protection rating, large body, 150W HIT G12 fixed Flood

**Product code**BE59: Ceiling-mounted recessed luminaire with IP66 protection rating, large body, 150W HIT G12 fixed Flood **Attention! Code no longer in production****Technical description**

Downlighter designed to use HIT metal halide lamps with fixed Flood optic. Consists of a round optical assembly, frame, lateral component holder box and an outer casing to be ordered separately where necessary. The optical assembly and frame are made of aluminium alloy, coated with liquid acrylic paint with a high level of weather and UV ray resistance. The tempered sodium - calcium sealing glass is transparent, with customised serigraphy on the edge, 5mm thick, joined to the frame with silicone. Reflectors made of 99.96% super-pure aluminium, fixed to the assembly by quick-coupling springs. Fixed optic. Complete with a black-painted aluminium multi-groove ring. The lateral component holder box and top end cap are made of black-painted aluminium alloy, complete with a silicone internal seal to guarantee watertightness. The optical assembly and separate lateral box are connected by stainless steel threaded connectors with rubber cable glands for a watertight seal and armoured cable L=500mm. Set up for pass-through wiring using two M24x1.5 nickel-plated brass cable glands, suitable for cables with diameter 7 - 16mm. Ceiling-mounting system consists of special A2 stainless steel screws complete with black aluminium alloy and plastic coupling supports. The frame and the caps of the lateral component holder box come complete with A2 stainless steel captive screws. There is a single tool (No. 3 Allen key) for opening the frame, the lateral box cap and for the fixing system. The outer casing for concrete ceilings is made of black-painted ready-galvanised sheet aluminium complete with an end cap and threaded bar.

Installation

Recessed in false ceilings 5 - 60mm thick. Hole for preparation of false ceiling $\varnothing=212\text{mm}$. Installed on concrete ceilings using an outer casing, to be ordered separately.

Colour

Grey (15)

Mounting

ceiling surface

Wiring

Luminaire equipped with electromagnetic ballast

Notes

Plastic adapter disk available for flush-mounting the frame on ceilings made of concrete exposed to view (can only be used with the product with aluminium frame, without the stainless cover). Products set up for installation of a stainless steel safety kit L=2000mm.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	8716	CRI:	96
W system:	170	Colour temperature [K]:	4200
Im source:	12700	Voltage [Vin]:	230
W source:	150	Lamp code:	L062
Luminous efficiency (Im/W, real value):	51.3	Socket:	G12
Im 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-CE
Light Output Ratio (L.O.R.) [%]:	69	Number of optical assemblies:	1
Beam angle [°]:	47° / 48°	Intervallo temperatura ambiente:	from -20°C to +35°C.

Polar

Imax=10537 cd C90-270		Lux				
h	d1	d2	Em	Emax		
2	1.7	1.8	1949	2631		
4	3.5	3.6	487	658		
6	5.2	5.3	217	292		
8	7	7.1	122	164		

 $\alpha = 47^\circ / 48^\circ$

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	57	52	49	47	52	49	48	46	66
1.0	60	56	54	51	56	53	53	50	72
1.5	65	62	60	58	61	59	58	56	81
2.0	68	66	64	62	65	63	62	60	87
2.5	69	68	66	65	67	65	64	62	91
3.0	70	69	68	67	68	67	66	64	93
4.0	72	70	70	69	69	68	67	65	95
5.0	72	71	70	70	70	69	68	66	96

Luminance curve limit

