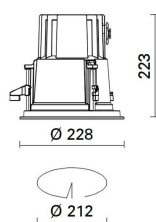


Last information update: April 2024

Product configuration: BV40

BV40: Ceiling-mounted recessed luminaire with IP66 protection rating, large body, Neutral White COB Leds, Wall Washer optic

**Product code**

BV40: Ceiling-mounted recessed luminaire with IP66 protection rating, large body, Neutral White COB Leds, Wall Washer optic

Technical description

Downlighter designed to use Neutral White COB Led lamps with a Wall Washer optic. Consists of a round optical assembly, frame, output cable, and outer casing, to be ordered separately where necessary. The optical assembly and frame are made of EN1706AC 46100LF aluminium alloy and subjected to a multi-step, pre-treatment process, in which the main phases are degreasing, fluorozirconation (a protective surface film) and sealing (with a nano-structured silane layer). The next painting stage consists of a primer and a liquid acrylic paint, cured at 150°C, with a high level of weather and UV ray resistance. The tempered sodium-calcium sealing glass is transparent, with customised serigraphy on the edge, 4mm thick, joined to the frame with silicone. Complete with monochrome Neutral White COB LED circuit and built-in electronic ballast. The wall washer optic consists of a 99.93% super-pure polished, anodised aluminium reflector and sand-blasted, sodium-calcium tempered, ribbed glass. Supplied with an output cable L=1m long. Ceiling-mounting system consists of special A2 stainless steel screws complete with black aluminium alloy and plastic coupling supports. The frame comes complete with A2 stainless steel captive screws. There is a single tool (No. 3 Allen key) for opening the frame 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, to be ordered separately. All external screws used are made of A2 stainless steel.

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)

Weight (Kg)

3.1

Mounting

ceiling recessed

Wiring

Control gear complete with electronic ballast (220÷240Vac 50/60Hz)

Notes

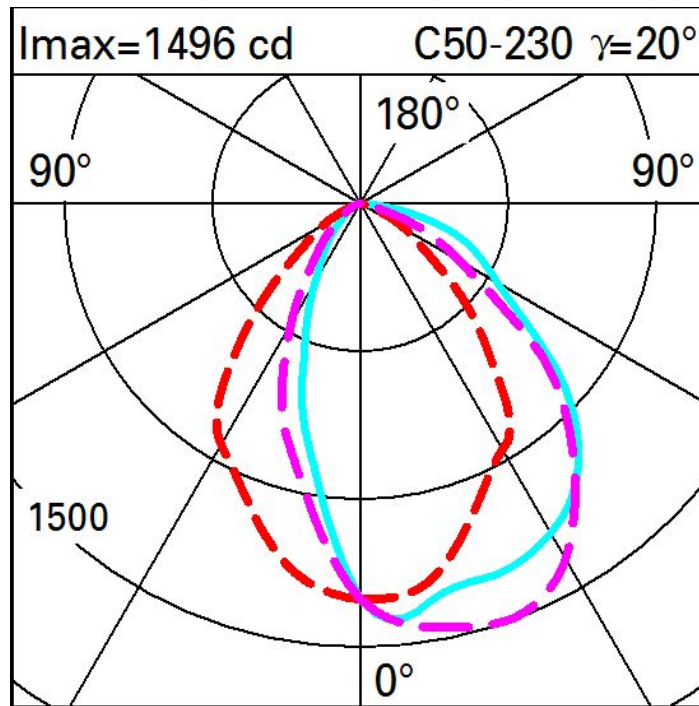
Plastic adapter disk available for flush-mounting the frame on ceilings made of concrete exposed to view (can only be used with the product with aluminium frame, without the stainless cover). Products set up for installation of a stainless steel safety kit L=2000mm.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	2324	Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)
W system:	26.2	Lamp code:	LED
Im source:	3940	Number of lamps for optical assembly:	1
W source:	23	ZVEI Code:	LED
Luminous efficiency (Im/W, real value):	88.8	Number of optical assemblies:	1
Im in emergency mode:	-	Intervallo temperatura ambiente:	from -30°C to 35°C.
Total light flux at or above an angle of 90° [Lm]:	0	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	59	Inrush current:	20 A / 275 µs
CRI (minimum):	80	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 16 luminaires B16A: 26 luminaires C10A: 27 luminaires C16A: 44 luminaires
Colour temperature [K]:	4000	Overvoltage protection:	2kV Common mode & 1kV Differential mode
MacAdam Step:	2		

Polar



Illuminances

Lux											
						Wall distance = 1m					
3	0.5	1	5	39	173	335	165	34	4	1	0.4
2	4	13	38	109	271	369	265	106	34	11	3
1	9	21	56	123	195	227	197	121	55	19	8
0	13	27	54	90	118	125	119	90	53	27	11
	15	28	42	62	71	72	71	62	42	27	14
	m	-2	-1	0	1	2	3				