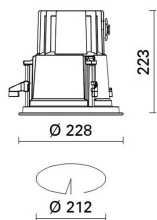


Last information update: March 2025

**Product configuration: BV41**

BV41: Ceiling-mounted recessed luminaire with IP66 protection rating, large body, Warm White COB Leds, Wall Washer optic

**Product code**

BV41: Ceiling-mounted recessed luminaire with IP66 protection rating, large body, Warm White COB Leds, Wall Washer optic

**Technical description**

Downlighter designed to use Warm 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 Warm 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**

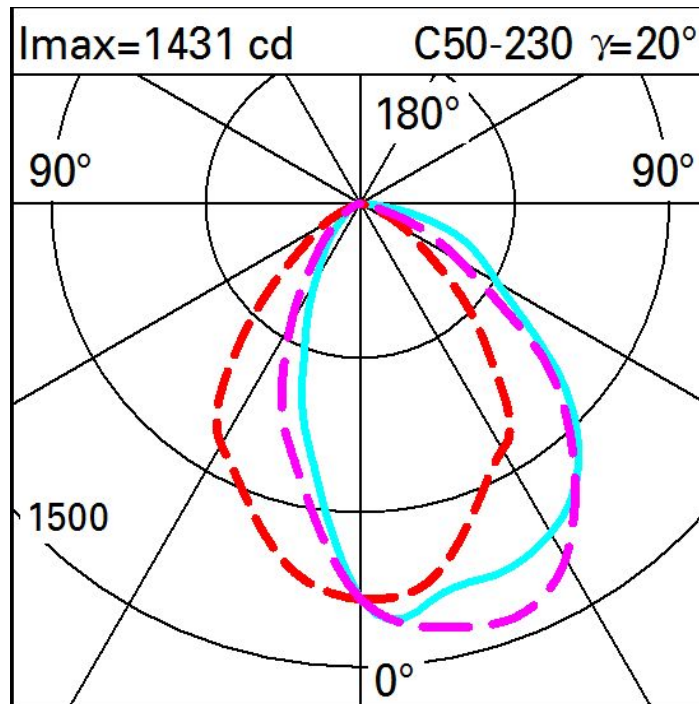
Plastic adapter disk available for flush-mounting the frame on ceilings made of concrete exposed to view (can only be used with the product with aluminium frame, without the stainless cover). Products set up for installation of a stainless steel safety kit L=2000mm.

Complies with EN60598-1 and pertinent regulations

**Technical data**

Im system:	2224	Colour temperature [K]:	3000
W system:	26.2	MacAdam Step:	2
Im source:	3770	Life Time LED 1:	100,000h - L90 - B10 (Ta 25°C)
W source:	23	Lamp code:	LED
Luminous efficiency (Im/W, real value):	84.9	Number of lamps for optical assembly:	1
Im in emergency mode:	-	ZVEI Code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	59	Intervallo temperatura ambiente:	from -30°C to 35°C.
CRI (minimum):	80		

Polar



Illuminances

Lux													Wall distance = 1m	
3														
	0.4	1	5	38	165	321	158	33	4	1.0	0.4			
2	3	12	36	104	259	353	254	101	33	10	3			
	9	20	54	117	187	217	189	116	52	19	7			
1	12	26	52	86	113	119	114	86	50	25	11			
	14	26	41	59	68	69	68	59	40	25	13			
0														
	m	-2	-1	0	1	2	3							