Design Mario

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Product configuration: BU95

BU95: Spotlight with bracket - Warm White COB LED - Integrated dimm electronic control gear DALI - Spot optic





Product code

BU95: Spotlight with bracket - Warm White COB LED - Integrated dimm electronic control gear DALI - Spot optic

Technical description

Spotlight designed to use Warm White COB LED lamps and a 10° spot optic. Can be installed at ground level, on walls (using screw anchors) and on pole mounting systems. Consists of an optic assembly, component box, glass-holder frame and bracket. The optical assembly, component box, and glass-holder 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 4 mm thick, tempered, sodium-calcium, closing glass is colourless, transparent and a seal is included. The 50/60 Shore A silicone seal is subjected to a post-curing treatment, in an oven, for 4 hours at 220 °C. The glass unit is fixed to the frame with silicone. The product comes complete with a warm white colour, monochrome COB LED circuit, an optic with a 99.93% super-pure aluminium OPTIBEAM reflector with a polished, anodized surface and built-in electronic ballast. Zinc-coated stainless steel ballast holding plate; simplified extraordinary maintenance thanks to quick-coupling connectors between the control gear and the LED and the control gear and the wiring terminal block. Painted aluminium alloy box and rear cover, complete with spacers and captive screws. The floodlight can be adjusted by ±115° in the vertical plane using a painted steel bracket, with a graduated scale showing 10° steps and mechanical stops to guarantee stable aiming of the beam of light. Horizontal aiming is performed using the holes and slots in the bracket. Access to the optical assembly is simpler thanks to a nickel-plated brass decompression valve which eliminates the product internal vacuum. Set up for pass-through wiring using a double M24x1.5 nickelplated brass cable gland (suitable for cables with 7÷16mm diameter). All external screws used are made of A2 stainless steel and are of the captive type. The luminaire technical characteristics conform to EN60598-1 standards and particular requirements.

Installation

The luminaire can be floor, ceiling or wall-mounted using the supporting bracket fixed with screw anchors (Fisher type or similar) for concrete, cement and solid brick or various other available accessories. It can also be installed on a MultiWoody or CityWoody pole system.

Colour	V
MI-t- (04) DII- (04) O (45) D (55)	

White (01) | Black (04) | Grey (15) | Rust Brown (F5)

Weight (Kg)

4.57

Mounting

 $wall\ arm|pole\ arm|ground\ surface|wall\ surface|ground\ anchored|wall\ bracket|ceiling\ surface|u-bracket|pole-top$

Wiring

Control gear complete with DALI dimmable electronic ballast (220÷240V ac 50/60Hz) and quick-coupling terminals.

Notes

Dimming function with pushbutton (DIM PUSH): for this option consult the instructions included in the package.

Complies with EN60598-1 and pertinent regulations



IK08







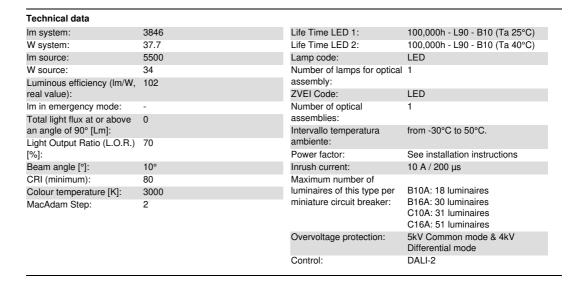








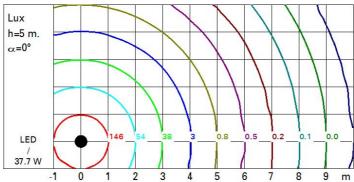




Polar

Imax=51783 cd	Lux			
90° 180° 90°	h	d	Em	Emax
	15	2.7	182	230
	30	5.4	46	58
40000	45	8.1	20	26
α=10°	60	10.8	11	14

Isolux



UGR diagram

D'Al-											
Rifle		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
ceil/cav walls work pl. Room dim		0.70	0.70	0.50	0.30	0.30	0.70	0.70	0.50	0.30	0.30
		0.20	0.30	0.20	0.20	0.30	0.20	0.20	0.20	0.20	0.20
		0.20	0.20	viewed	0.20	0.20	0.20	0.20	viewed	0.20	0.20
x	У		0	eiweeor	e				endwise		
2H	2H	14.4	16.1	14.7	16.4	16.8	14.4	16.1	14.7	16.4	16.8
	ЗН	14.3	15.4	14.6	15.7	16.0	14.3	15.4	14.6	15.7	16.0
	4H	14.2	15.2	14.6	15.5	15.8	14.2	15.2	14.6	15.5	15.8
	бН	14.1	15.0	14.5	15.3	15.7	14.1	15.0	14.5	15.3	15.7
	нв	14.1	15.0	14.5	15.4	15.7	14.0	15.0	14.4	15.3	15.7
	12H	14.0	15.0	14.4	15.4	15.8	14.0	15.0	14.4	15.4	15.7
4H	2H	14.2	15.2	14.6	15.5	15.8	14.2	15.2	14.6	15.5	15.8
	ЗН	14.0	15.0	14.4	15.4	15.8	14.0	15.0	14.4	15.4	15.8
	4H	13.8	15.0	14.3	15.4	15.9	13.8	15.0	14.3	15.4	15.9
	6H	13.6	15.1	14.1	15.5	16.0	13.6	15.1	14.1	15.5	16.0
	HS	13.5	15.1	14.0	15.6	16.1	13.5	15.1	14.0	15.6	16.0
	12H	13.4	15.1	13.9	15.6	16.1	13.4	15.1	13.9	15.6	16.1
8Н	4H	13.5	15.1	14.0	15.6	16.0	13.5	15.1	14.0	15.6	16.1
	6H	13.4	14.9	13.9	15.4	15.9	13.4	14.9	14.0	15.4	15.9
	8H	13.5	14.6	14.0	15.1	15.6	13.5	14.6	14.0	15.1	15.6
	12H	13.6	14.3	14.2	14.8	15.3	13.6	14.3	14.1	14.8	15.3
12H	4H	13.4	15.1	13.9	15.6	16.1	13.4	15.1	13.9	15.6	16.1
	бН	13.5	14.6	14.0	15.1	15.6	13.5	14.6	14.0	15.1	15.6
	HS	13.6	14.3	14.1	14.8	15.3	13.6	14.3	14.2	14.8	15.3
Varia	tions wi	th the ot	serverp	osition	at spacin	g:					
S =	1.0H		6	2 / -9	4			6	2 / -9.	4	
	1.5H	9.0 / -10.7					9.0 / -10.7				
	2.0H		11	.0 / -1	1.1			11	.0 / -1	1.1	