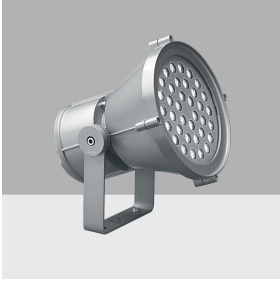


Last information update: November 2024

**Product configuration: BB29**

BB29: Small Floodlight with monochromatic LED Warm White - Spot optic



**Product code**

BB29: Small Floodlight with monochromatic LED Warm White - Spot optic

**Technical description**

Adjustable floodlight for exterior lighting designed for use of monochromatic LED sources, Spot (S) optic. Die-cast aluminium body with liquid acrylic paint finish provided with closing frame. The frame is provided with glass with customised grey serigraphy and silicone in the front to ensure water tightness against water penetration. Suitable slots on the frame allow for downflow of rainwater. Complete with 36 Warm White (3100K) monochromatic LEDs, Spot (S) optics with plastic lense, and built-in electronic ballast. The luminaire is provided with double nickel-plated brass cable clamp (M24x1,5) (suitable for Ø 7÷16mm cables) for through wiring. Maxi Woody can be oriented on the vertical plane by means of a bracket with 10°-step graduated scale, with mechanical locks that ensure stable pointing of the light flow. The luminaire is oriented on the horizontal plane by means of a hot galvanised painted plate for ground installation; in addition to ground installation, wall-mounting with fischer screws is possible. The iGuzzini assembly and maintenance protocol simplifies the installation. The decompression valve provides easy access to the optical assembly by eliminating the internal negative pressure. Painting is carried out with acrylic (maximum protection against UV) liquid (maximum protection against weather agents) paint.

**Installation**

The fitting can be installed in ground or wall by means of a support bracket fitted with fischer screws.

**Colour**

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

**Weight (Kg)**

7.3

**Mounting**

wall arm|wall surface|ground anchored|u-bracket

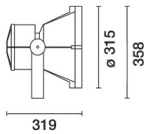
**Wiring**

Luminaire provided with built-in electronic control gear.

**Notes**

Available accessories: visor, barndoors, protection grid and ground anchoring plate.

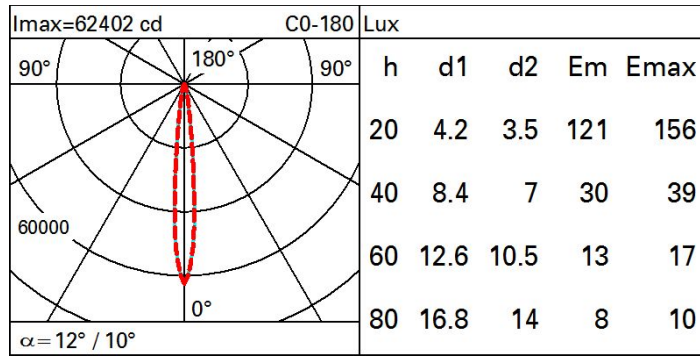
Complies with EN60598-1 and pertinent regulations



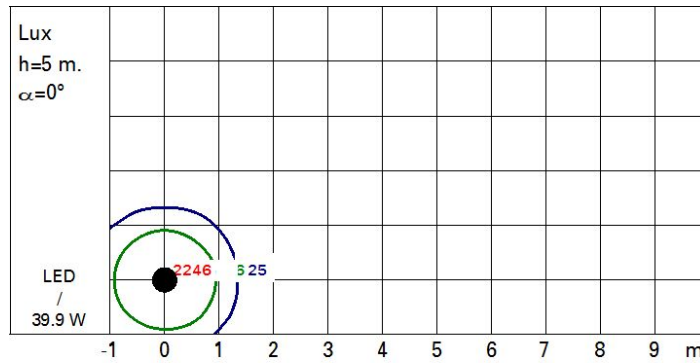
**Technical data**

Im system:	4253	Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
W system:	39.9	Lamp code:	LED
Im source:	5250	Number of lamps for optical assembly:	1
W source:	34.9	ZVEI Code:	LED
Luminous efficiency (Im/W, real value):	106.6	Number of optical assemblies:	1
Im in emergency mode:	-	Intervallo temperatura ambiente:	from -30°C to 50°C.
Total light flux at or above an angle of 90° [Lm]:	0	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	81	Inrush current:	62 A / 202 µs
Beam angle [°]:	12° / 10°	Maximum number of luminaires of this type per miniatur circuit breaker:	B10A: 6 luminaires B16A: 10 luminaires C10A: 10 luminaires C16A: 17 luminaires
CRI (minimum):	80	Minimum dimming %:	10
Colour temperature [K]:	3000	Overvoltage protection:	10kV Common mode & 6kV Differential mode
MacAdam Step:	3	Control:	DALI-2
Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)		

**Polar**



**Isolux**



**UGR diagram**

Corrected UGR values (at 5250 lm bare lamp luminous flux)											
Reflect.:		viewed crosswise					viewed endwise				
ceiling	cav	0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim											
x	y										
2H	2H	7.4	9.3	7.7	9.6	10.0	7.4	9.4	7.8	9.7	10.0
	3H	7.3	8.6	7.7	8.9	9.2	7.5	8.8	7.9	9.1	9.5
	4H	7.3	8.3	7.7	8.6	8.9	7.5	8.5	7.9	8.8	9.1
	6H	7.3	8.0	7.6	8.3	8.6	7.5	8.2	7.9	8.5	8.9
	8H	7.2	8.0	7.6	8.3	8.7	7.4	8.2	7.8	8.6	8.9
	12H	7.1	8.0	7.5	8.4	8.8	7.3	8.2	7.7	8.6	9.0
4H	2H	7.5	8.5	7.8	8.8	9.1	7.3	8.3	7.7	8.6	9.0
	3H	7.4	8.3	7.8	8.6	9.0	7.4	8.3	7.8	8.7	9.0
	4H	7.2	8.4	7.6	8.7	9.2	7.2	8.4	7.6	8.8	9.2
	6H	6.9	8.6	7.3	9.0	9.5	6.9	8.6	7.4	9.1	9.5
	8H	6.7	8.6	7.2	9.1	9.6	6.8	8.6	7.3	9.1	9.6
	12H	6.7	8.5	7.2	9.0	9.5	6.7	8.6	7.2	9.0	9.5
8H	4H	6.7	8.6	7.2	9.1	9.6	6.8	8.6	7.3	9.1	9.6
	6H	6.7	8.3	7.2	8.8	9.3	6.7	8.3	7.2	8.8	9.3
	8H	6.7	8.0	7.2	8.5	9.0	6.8	8.0	7.3	8.5	9.0
	12H	6.9	7.6	7.4	8.1	8.6	6.9	7.6	7.4	8.1	8.7
12H	4H	6.7	8.5	7.2	9.0	9.5	6.7	8.6	7.2	9.0	9.5
	6H	6.7	8.0	7.2	8.5	9.0	6.8	8.0	7.3	8.5	9.0
	8H	6.9	7.6	7.4	8.1	8.6	6.9	7.6	7.4	8.1	8.7
Variations with the observer position at spacing:											
S =	1.0H	1.7 / -1.6					1.5 / -1.5				
	1.5H	3.3 / -7.3					3.1 / -7.3				
	2.0H	5.1 / -10.6					4.9 / -10.4				