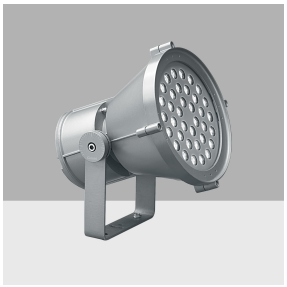
MaxiWoody

Design Mario Cucinella **iGuzzini**

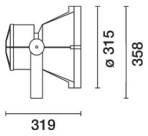
Last information update: November 2024

Product configuration: BB28
BB28: Small Floodlight with monochromatic LED Neutral White - Spot optic



Product code
BB28: Small Floodlight with monochromatic LED Neutral 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 Neutral White (4000K) 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

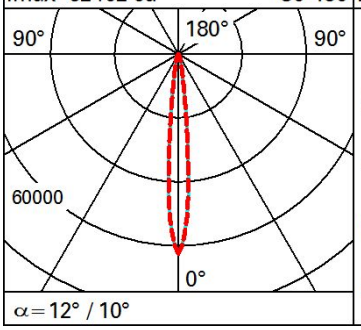
850°C IK08 IP67

Technical data

lm system:	4253
W system:	39.9
lm source:	5250
W source:	34.9
Luminous efficiency (lm/W, real value):	106.6
lm in emergency mode:	-
Total light flux at or above an angle of 90° [Lm]:	0
Light Output Ratio (L.O.R.) [%]:	81
Beam angle [°]:	12° / 10°
CRI (minimum):	80
Colour temperature [K]:	4000
MacAdam Step:	3
Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
Life Time LED 2:	100,000h - L80 - B10 (Ta 40°C)
Lamp code:	LED
Number of lamps for optical assembly:	1
ZVEI Code:	LED
Number of optical assemblies:	1
Intervallo temperatura ambiente:	from -30°C to 50°C.
Power factor:	See installation instructions
Inrush current:	62 A / 202 µs
Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 6 luminaires B16A: 10 luminaires C10A: 10 luminaires C16A: 17 luminaires
Minimum dimming %:	10
Overvoltage protection:	10kV Common mode & 6kV Differential mode
Control:	DALI-2

Polar

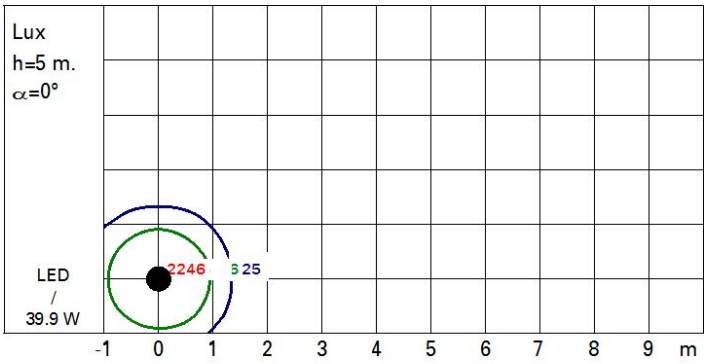
Imax=62402 cd C0-180



Lux

h	d1	d2	Em	Emax
20	4.2	3.5	121	156
40	8.4	7	30	39
60	12.6	10.5	13	17
80	16.8	14	8	10

Isolux



UGR diagram

Corrected UGR values (at 5250 lm bare lamp luminous flux)

Riflect.: ceil/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			viewed crosswise					viewed endwise		
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