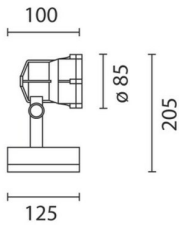
Woody

Design Mario Cucinella | **iGuzzini**

Last information update: April 2024

Product configuration: B585+MIN+1668
B585: Projector - built-in electronic transformer and base - 35/50W 12 V QT 12
MIN: Minimal regulation



Product code
B585: Projector - built-in electronic transformer and base - 35/50W 12 V QT 12 **Attention! Code no longer in production**

Technical description
Projector designed to use low-voltage halogen lamps with flood optic. It is made up of an optical assembly and a component-holding base. The optical assembly, arm, base and frame are made of aluminium alloy EN1706AC 46100LF and are subjected to phosphochromatisation treatment with double primer and passivation at 120 °C. The liquid acrylic paint is baked at 150°C and ensures high resistance to the external environment and UV rays. The hardened soda-lime closing glass (4 mm thick) is transparent and colourless. It is fixed by captive screws. The 50/60 Shore A silicone gasket is subjected to post-cooling treatment (in the oven) in advance for 4/6 hours at 200 °C. The optical assembly can be adjusted both vertically and horizontally. The aiming system can be locked in place and has slots in the frame for rainwater to run off. Optic with 99.96% superpure annealed sheet-aluminium reflector subjected to cleanup treatment - 2/4-micron anodic oxidation and anodisation and polishing with nickel-salt fixing. The cable clamp for connecting the wiring compartment to the lamp compartment is made of nickel-plated brass M11x1. For power supply, the fitting comes complete with a black polyamide cable clamp PG11 suitable for cables 6.5 to 11.5 mm in diameter. Socket GY6.35 complete with cables. Die-cast aluminium socket support. A device in the back of the optical assembly makes it possible to adjust the width of the beam (14°-68°). All external screws are made of stainless steel A2.

Installation
Application to the ground, wall (by Fischer screws) and tree branches.

Colour
Black (04) | Grey (15)

Weight (Kg)
0.9

Mounting
wall surface|ceiling surface

Wiring
Built-in electronic ballast 50W, 220 ÷ 240 V 50 ÷ 60 Hz.

Notes
Accessories available: refractor, wall-washer screens, spike for ground anchoring, belt for branch application, and other installation accessories.

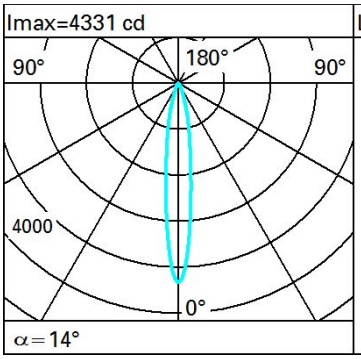
Complies with EN60598-1 and pertinent regulations

960°C IK08 IP66 CE pending

Technical data

lm system:	598	CRI:	100
W system:	50	Colour temperature [K]:	3000
lm source:	930	Lamp code:	1668
W source:	50	Socket:	GY6,35
Luminous efficiency (lm/W, real value):	12	Number of lamps for optical assembly:	1
lm in emergency mode:	-	ZVEI Code:	QT 12
Total light flux at or above an angle of 90° [Lm]:	0	Number of optical assemblies:	1
Light Output Ratio (L.O.R.) [%]:	64	Intervallo temperatura ambiente:	from -20°C to +35°C.
Beam angle [°]:	14°		

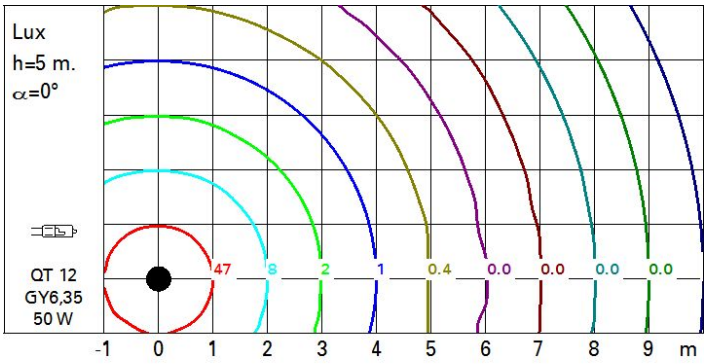
Polar



Lux

h	d	Em	Emax
2	0.5	836	1083
4	1	209	271
6	1.5	93	120
8	2	52	68

Isolux



UGR diagram

Corrected UGR values (at 930 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				viewed crosswise					viewed endwise		
x	y										
2H	2H	13.2	15.0	13.5	15.3	15.6	13.2	15.0	13.5	15.3	15.6
	3H	13.1	14.4	13.4	14.7	15.0	13.0	14.4	13.4	14.7	15.0
	4H	13.0	14.1	13.4	14.5	14.8	13.0	14.1	13.3	14.4	14.7
	6H	13.0	13.9	13.3	14.2	14.6	12.9	13.8	13.3	14.2	14.5
	8H	12.9	13.8	13.3	14.2	14.5	12.9	13.8	13.2	14.1	14.5
	12H	12.8	13.8	13.2	14.2	14.5	12.8	13.8	13.2	14.1	14.5
4H	2H	13.0	14.1	13.3	14.4	14.7	13.0	14.1	13.4	14.5	14.8
	3H	12.8	13.8	13.2	14.2	14.5	12.9	13.8	13.3	14.2	14.6
	4H	12.7	13.8	13.2	14.2	14.6	12.7	13.8	13.2	14.2	14.6
	6H	12.4	14.0	12.9	14.4	14.9	12.4	14.0	12.9	14.4	14.9
	8H	12.3	14.0	12.8	14.5	15.0	12.3	14.0	12.8	14.5	15.0
	12H	12.2	14.0	12.7	14.4	14.9	12.2	14.0	12.7	14.4	14.9
8H	4H	12.3	14.0	12.8	14.5	15.0	12.3	14.0	12.8	14.5	15.0
	6H	12.2	13.8	12.7	14.3	14.8	12.2	13.8	12.7	14.3	14.8
	8H	12.2	13.6	12.7	14.1	14.6	12.2	13.6	12.7	14.1	14.6
	12H	12.3	13.2	12.8	13.7	14.3	12.3	13.2	12.8	13.7	14.3
12H	4H	12.2	14.0	12.7	14.4	14.9	12.2	14.0	12.7	14.4	14.9
	6H	12.2	13.6	12.7	14.1	14.6	12.2	13.6	12.7	14.1	14.6
	8H	12.3	13.2	12.8	13.7	14.3	12.3	13.2	12.8	13.7	14.3

Variations with the observer position at spacing:

S =			
1.0H	3.5 / -10.6	3.5 / -10.6
1.5H	6.3 / -11.4	6.3 / -11.4
2.0H	8.3 / -11.9	8.3 / -11.9