Design iGuzzini iGuzzini

Last information update: May 2025

Product configuration: R355.01

R355.01: body Ø 117 mm - Flood optic - 38.1W 4194lm - 3000K - CRI 90 - White



Product code

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Technical description

Adjustable mediumlight with adapter for installation on a mains voltage track. Luminaire made of die-cast aluminium. mediumlight double adjustability allows a 360° rotation about the vertical axis and 90° tilting relative to the horizontal plane. Built-in dimmable DALI ballast. Luminaire complete with C.O.B. technology LED unit in warm white colour 3000K. Anti-scratch reflector made of P.V.D (physical vapour deposition) aluminium that can provide optimum performance in terms of light efficiency. Flood optic. Possibility of installing a flat accessory, like a glass cover or an elliptical distribution refractor. Interchangeable reflectors that can be ordered as an accessory.

Installation

On an electrified track or special base

 Colour
 Weight (Kg)

 White (01)
 1.1



Mounting

three circuit track

Wiring

Product complete with DALI components

Complies with EN60598-1 and pertinent regulations



IP20



With accessory installed











Technical data				
Im system:	4194	Rf (Colour Fidelity Index):	92	
W system:	38.1	Rg (Gamut Index):	99	
Im source:	4660	Colour temperature [K]:	3000	
W source:	34	MacAdam Step:	2	
Luminous efficiency (lm/W,	110.1	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)	
real value):		Lamp code:	LED	
Im in emergency mode:	-	Number of lamps for optical	1	
Total light flux at or above	0	assembly:		
an angle of 90° [Lm]:		ZVEI Code:	LED	
Light Output Ratio (L.O.R.)	90	Number of optical	1	
[%]:		assemblies:		
Beam angle [°]:	32°	Control:	DALI-2	
CRI (minimum):	90			

Polar

Imax=14195 cd	Lux			
90° 180° 90°	h	d	Em	Emax
	2	1.2	2863	3549
	4	2.3	716	887
15000	6	3.5	318	394
α=32°	8	4.6	179	222

UGR diagram

4H	2H 3H 4H 6H 8H 12H 2H 3H 4H	0.70 0.50 0.20 -0.3 -0.2 -0.1 -0.1 -0.1 -0.3 -0.3	0.70 0.30 0.20 0.2 0.3 0.3 0.3 0.3 0.3	0.50 0.50 0.20 viewed crosswis 0.0 0.2 0.2 0.2 0.3 0.3		0.30 0.30 0.20 0.7 0.8 0.9 0.9 1.0	0.70 0.50 0.20 -0.3 -0.3 -0.3 -0.3 -0.4	0.70 0.30 0.20 0.2 0.2 0.1 0.1 0.0 -0.0	0.50 0.50 0.20 viewed endwise 0.0 0.1 0.0 -0.0	0.50 0.30 0.20 0.5 0.5 0.4 0.4 0.3	0.30 0.30 0.20 0.7 0.7 0.7 0.7
walls work pl Room c x 2H	2H 3H 4H 6H 8H 12H 2H 3H 4H	-0.3 -0.2 -0.1 -0.1 -0.1 -0.3 -0.3	0.30 0.20 0.2 0.3 0.3 0.3 0.3 0.3	0.50 0.20 viewed crosswise 0.0 0.2 0.2 0.2 0.3 0.3	0.30 0.20 e 0.5 0.6 0.6 0.6 0.6	0.30 0.20 0.7 0.8 0.9 0.9	-0.3 -0.3 -0.3 -0.3 -0.3	0.30 0.20 0.2 0.2 0.1 0.1 0.0	0.50 0.20 viewed endwise 0.0 0.1 0.0 0.0 -0.0	0.30 0.20 0.5 0.5 0.4 0.4	0.30 0.20 0.7 0.7 0.7 0.7
work pl Room c X 2H	2H 3H 4H 6H 8H 12H 2H 3H 4H	-0.3 -0.2 -0.1 -0.1 -0.1 -0.3	0.20 0.2 0.3 0.3 0.3 0.3 0.3	0.20 viewed crosswise 0.0 0.2 0.2 0.2 0.3 0.3	0.20 e 0.5 0.6 0.6 0.6 0.6	0.20 0.7 0.8 0.9 0.9 1.0	-0.3 -0.3 -0.3 -0.3 -0.3	0.20 0.2 0.2 0.1 0.1 0.0	0.20 viewed endwise 0.0 0.1 0.0 0.0 -0.0	0.20 0.5 0.5 0.4 0.4	0.20 0.7 0.7 0.7 0.7
Room c x 2H	2H 3H 4H 6H 8H 12H 2H 3H 4H	-0.3 -0.2 -0.1 -0.1 -0.1 -0.3	0.2 0.3 0.3 0.3 0.3 0.3	0.0 0.2 0.2 0.2 0.2 0.3	0.5 0.6 0.6 0.6 0.6 0.6	0.7 0.8 0.9 0.9	-0.3 -0.3 -0.3 -0.3	0.2 0.2 0.1 0.1	0.0 0.1 0.0 0.0 -0.0	0.5 0.5 0.4 0.4	0.7 0.7 0.7
x 2H 4H	2H 3H 4H 6H 8H 12H 2H 3H 4H	-0.2 -0.1 -0.1 -0.1 -0.1	0.2 0.3 0.3 0.3 0.3 0.3	0.0 0.2 0.2 0.2 0.2 0.3	0.5 0.6 0.6 0.6 0.6 0.6	0.8 0.9 0.9 1.0	-0.3 -0.3 -0.3 -0.4	0.2 0.2 0.1 0.1	0.0 0.1 0.0 0.0 -0.0	0.5 0.5 0.4 0.4	0.7
2H 4H	2H 3H 4H 6H 8H 12H 2H 3H 4H	-0.2 -0.1 -0.1 -0.1 -0.1	0.2 0.3 0.3 0.3 0.3 0.3	0.0 0.2 0.2 0.2 0.3 0.3	0.5 0.6 0.6 0.6 0.6 0.6	0.8 0.9 0.9 1.0	-0.3 -0.3 -0.3 -0.4	0.2 0.2 0.1 0.1	0.0 0.1 0.0 0.0 -0.0	0.5 0.5 0.4 0.4	0.7
4Н	3H 4H 6H 8H 12H 2H 3H 4H	-0.2 -0.1 -0.1 -0.1 -0.1	0.3 0.3 0.3 0.3 0.3	0.2 0.2 0.2 0.3 0.3	0.6 0.6 0.6 0.6 0.6	0.8 0.9 0.9 1.0	-0.3 -0.3 -0.3 -0.4	0.2 0.1 0.1 0.0	0.1 0.0 0.0 -0.0	0.5 0.4 0.4	0.7 0.7 0.7
4H	4H 6H 8H 12H 2H 3H 4H	-0.1 -0.1 -0.1 -0.1	0.3 0.3 0.3 0.3	0.2 0.2 0.3 0.3	0.6 0.6 0.6 0.6	0.9 0.9 1.0	-0.3 -0.3 -0.4	0.1 0.1 0.0	0.0 0.0 -0.0	0.4	0.7
4H	6H 8H 12H 2H 3H 4H	-0.1 -0.1 -0.1 -0.3 -0.1	0.3 0.3 0.3	0.2 0.3 0.3	0.6 0.6 0.6	0.9	-0.3 -0.4	0.1	0.0	0.4	0.7
4H	8H 12H 2H 3H 4H	-0.1 -0.1 -0.3 -0.1	0.3 0.3	0.3	0.6	1.0	-0.4	0.0	-0.0		
4H	12H 2H 3H 4H	-0.1 -0.3 -0.1	0.3	0.3	0.6					0.3	0
4H	2H 3H 4H	-0.3 -0.1	0.1	1000000	000000	1.0	-0.4	-0.0	-0.0		U.,
	3H 4H	-0.1		0.0	0.4				0.3	0.3	0.0
	4H	1000000	0.2		0.4	0.7	-0.1	0.3	0.2	0.6	0.9
	200		5.2	0.2	0.6	0.9	-0.1	0.3	0.3	0.6	1.0
		-0.1	0.3	0.3	0.6	1.0	-0.1	0.3	0.3	0.6	1.0
	6H	0.0	0.3	0.4	0.7	1.1	-0.1	0.2	0.3	0.6	1.0
	SH	0.1	0.3	0.5	0.7	1.2	-0.1	0.2	0.3	0.6	1.
вн	12H	0.1	0.3	0.5	0.7	1.2	-0.1	0.1	0.3	0.5	1.
6H 8H	4H	-0.1	0.2	0.3	0.6	1.0	0.1	0.3	0.5	0.7	1.
	6H	0.0	0.2	0.5	0.7	1.2	0.1	0.3	0.6	8.0	1.
	8H	0.1	0.3	0.6	8.0	1.3	0.1	0.3	0.6	8.0	1.
	12H	0.2	0.3	0.7	8.0	1.3	0.1	0.3	0.6	8.0	1.
12H 4	4H	-0.1	0.1	0.3	0.5	1.0	0.1	0.3	0.5	0.7	1.
	бН	0.0	0.2	0.5	0.7	1.2	0.1	0.3	0.6	8.0	1.
	HS	0.1	0.3	0.6	8.0	1.3	0.2	0.3	0.7	8.0	1.
Variatio	ons wi	th the ol	bserverp	osition a	at spacir	ıg:	100.0				
S = 1	1.0H		3	.7 / -2	5			3	.7 / -2.	5	
,	1.5H		6	.1 / -3.	.4			6	.1 / -3.	4	