

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

White (01)

Weight (Kg)

1.1

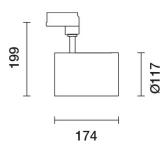
Mounting

three circuit track

Wiring

Product complete with DALI components

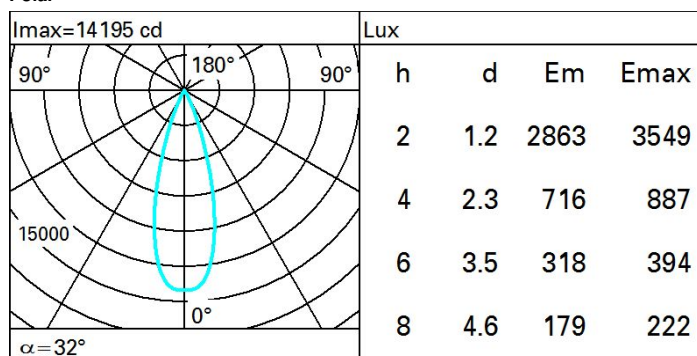
Complies with EN60598-1 and pertinent regulations



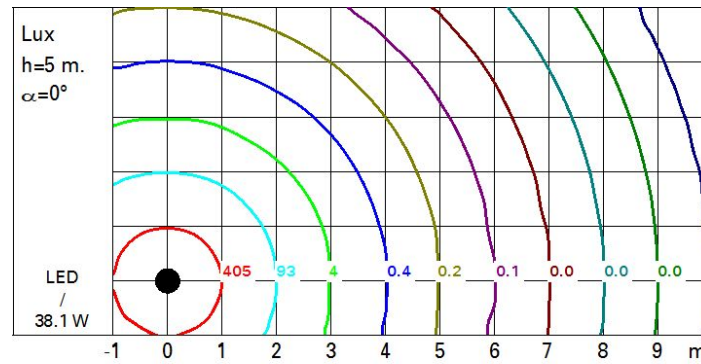
Technical data

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 (Im/W, real value):	110.1	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Im in emergency mode:	-	Lamp code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of lamps for optical assembly:	1
Light Output Ratio (L.O.R.) [%]:	90	ZVEI Code:	LED
Beam angle [°]:	32°	Number of optical assemblies:	1
CRI (minimum):	90	Control:	DALI-2

Polar



Isolux



UGR diagram

Corrected UGR values (at 4000 lm bare lamp luminous flux)										
Reflect.:										
ceiling	cav	0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50
walls		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30
work pl.		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room dim		viewed					viewed			
x	y	crosswise					endwise			
2H	2H	-0.3	0.2	0.0	0.5	0.7	-0.3	0.2	0.0	0.5
	3H	-0.2	0.3	0.2	0.6	0.8	-0.3	0.2	0.1	0.5
	4H	-0.1	0.3	0.2	0.6	0.9	-0.3	0.1	0.0	0.4
	6H	-0.1	0.3	0.2	0.6	0.9	-0.3	0.1	0.0	0.4
	8H	-0.1	0.3	0.3	0.6	1.0	-0.4	0.0	-0.0	0.3
	12H	-0.1	0.3	0.3	0.6	1.0	-0.4	-0.0	-0.0	0.3
4H	2H	-0.3	0.1	0.0	0.4	0.7	-0.1	0.3	0.2	0.6
	3H	-0.1	0.2	0.2	0.6	0.9	-0.1	0.3	0.3	0.6
	4H	-0.1	0.3	0.3	0.6	1.0	-0.1	0.3	0.3	0.6
	6H	0.0	0.3	0.4	0.7	1.1	-0.1	0.2	0.3	0.6
	8H	0.1	0.3	0.5	0.7	1.2	-0.1	0.2	0.3	0.6
	12H	0.1	0.3	0.5	0.7	1.2	-0.1	0.1	0.3	0.5
8H	4H	-0.1	0.2	0.3	0.6	1.0	0.1	0.3	0.5	0.7
	6H	0.0	0.2	0.5	0.7	1.2	0.1	0.3	0.6	0.8
	8H	0.1	0.3	0.6	0.8	1.3	0.1	0.3	0.6	0.8
	12H	0.2	0.3	0.7	0.8	1.3	0.1	0.3	0.6	0.8
12H	4H	-0.1	0.1	0.3	0.5	1.0	0.1	0.3	0.5	0.7
	6H	0.0	0.2	0.5	0.7	1.2	0.1	0.3	0.6	0.8
	8H	0.1	0.3	0.6	0.8	1.3	0.2	0.3	0.7	0.8
Variations with the observer position at spacing:										
S =		1.0H	3.7	/ -2.5			3.7	/ -2.5		
		1.5H	6.1	/ -3.4			6.1	/ -3.4		
		2.0H	8.0	/ -3.9			8.0	/ -3.9		