

Last information update: June 2025

Product configuration: R334.01

R334.01: body Ø 117 mm - flood optic - 28.5W 3438lm - 4000K - CRI 90 - White

**Product code**

R334.01: body Ø 117 mm - flood optic - 28.5W 3438lm - 4000K - CRI 90 - White

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 neutral white colour 4000K. 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

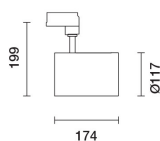
Product complete with DALI components

Complies with EN60598-1 and pertinent regulations



IP20

IP40

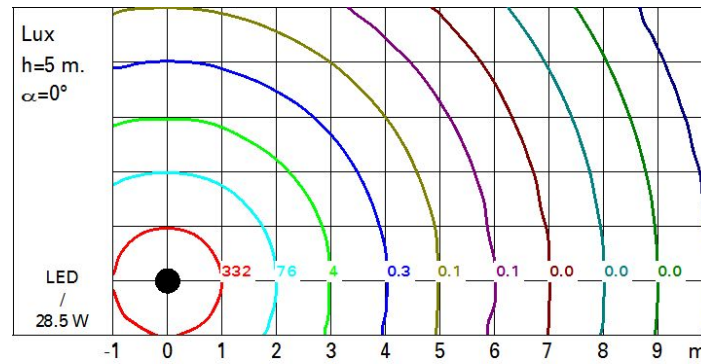
With accessory
installed**Technical data**

lm system:	3438	MacAdam Step:	2
W system:	28.5	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
lm source:	3820	Lamp code:	LED
W source:	25	Number of lamps for optical assembly:	1
Luminous efficiency (lm/W, real value):	120.6	ZVEI Code:	LED
lm in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	0	Power factor:	See installation instructions
Light Output Ratio (L.O.R.) [%]:	90	Inrush current:	18 A / 250 µs
Beam angle [°]:	32°	Maximum number of luminaires of this type per miniature circuit breaker:	B10A: 21 luminaires B16A: 34 luminaires C10A: 35 luminaires C16A: 57 luminaires
CRI (minimum):	90	Minimum dimming %:	1
Rf (Colour Fidelity Index):	90	Overvoltage protection:	2kV Common mode & 1kV Differential mode
Rg (Gamut Index):	98	Control:	DALI-2
Colour temperature [K]:	4000		

Polar

Imax=11636 cd		Lux			
90°	180°	h	d	Em	Emax
		2	1.2	2347	2909
		4	2.3	587	727
		6	3.5	261	323
		8	4.6	147	182
		α=32°			

Isolux



UGR diagram

Corrected UGR values (at 3820 lm bare lamp luminous flux)										
Reflect.:		viewed crosswise					viewed endwise			
ceiling		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 crosswise					viewed endwise			
x	y									
2H	2H	-0.9	-0.4	-0.7	-0.2	0.0	-0.9	-0.4	-0.7	-0.2
	3H	-0.8	-0.4	-0.5	-0.1	0.1	-0.9	-0.5	-0.6	-0.2
	4H	-0.8	-0.4	-0.5	-0.1	0.2	-1.0	-0.5	-0.6	-0.3
	6H	-0.8	-0.4	-0.4	-0.1	0.2	-1.0	-0.6	-0.7	-0.3
	8H	-0.8	-0.4	-0.4	-0.1	0.3	-1.1	-0.7	-0.7	-0.4
4H	12H	-0.8	-0.4	-0.4	-0.1	0.3	-1.1	-0.7	-0.7	-0.4
	2H	-1.0	-0.5	-0.6	-0.3	0.0	-0.8	-0.4	-0.5	-0.1
	3H	-0.8	-0.4	-0.4	-0.1	0.2	-0.7	-0.4	-0.4	-0.1
	4H	-0.8	-0.4	-0.4	-0.1	0.3	-0.8	-0.4	-0.4	-0.1
	6H	-0.7	-0.4	-0.3	0.0	0.4	-0.8	-0.5	-0.3	-0.1
8H	8H	-0.6	-0.4	-0.2	0.0	0.5	-0.8	-0.5	-0.4	-0.1
	12H	-0.6	-0.4	-0.2	0.0	0.5	-0.8	-0.6	-0.4	-0.2
	4H	-0.8	-0.5	-0.4	-0.1	0.3	-0.6	-0.4	-0.2	0.0
	6H	-0.7	-0.4	-0.2	-0.0	0.5	-0.6	-0.4	-0.1	0.1
	8H	-0.6	-0.4	-0.1	0.1	0.6	-0.6	-0.4	-0.1	0.1
12H	12H	-0.5	-0.4	-0.0	0.1	0.6	-0.6	-0.4	-0.1	0.1
	4H	-0.8	-0.6	-0.4	-0.2	0.3	-0.6	-0.4	-0.2	0.0
	6H	-0.7	-0.5	-0.2	-0.0	0.5	-0.6	-0.4	-0.1	0.1
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		