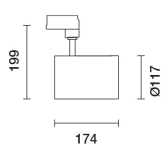


Last information update: June 2025

Product configuration: R332.01

R332.01: body Ø 117 mm - Wide flood optic - 28.5W 3366.6lm - 3000K - CRI 90 - White

**Product code**

R332.01: body Ø 117 mm - Wide flood optic - 28.5W 3366.6lm - 3000K - 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 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. Wide 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**

Im system:	3367	MacAdam Step:	2
W system:	28.5	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Im source:	3620	Lamp code:	LED
W source:	25	Number of lamps for optical assembly:	1
Luminous efficiency (Im/W, real value):	118.1	ZVEI Code:	LED
Im 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.) [%]:	93	Inrush current:	18 A / 250 µs
Beam angle [°]:	42°	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):	92	Overvoltage protection:	2kV Common mode & 1kV Differential mode
Rg (Gamut Index):	99	Control:	DALI-2
Colour temperature [K]:	3000		

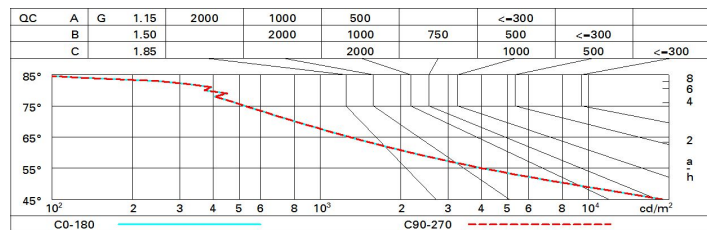
Polar

	CIE nL 0.93 98-100-100-100-93 UGR 14.5-14.5 DIN A.61 UTE 0.93A+0.00T F*1=979 F*1+F*2=999 F*1+F*2+F*3=1000 CIBSE LG3 L<1500 cd/m² at 65° UGR<16 L<1500 cd/mq @65°				Lux			
	h	d	Em	Emax				
	2	1.6	1322	1686				
	4	3.1	330	421				
	6	4.7	147	187				
α=43°	8	6.3	83	105				

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	83	79	76	73	78	75	75	72	77
1.0	87	83	80	78	82	79	79	76	82
1.5	92	89	86	84	87	85	84	82	88
2.0	94	92	90	89	91	89	88	86	92
2.5	96	95	93	92	93	92	91	88	95
3.0	97	96	95	94	95	94	93	90	97
4.0	99	98	97	96	96	96	94	92	99
5.0	99	99	98	98	97	97	95	93	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 3620 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	15.0	15.6	15.3	15.9	16.1	15.0	15.6	15.3	15.9	16.1
	3H	14.9	15.4	15.2	15.7	16.0	14.9	15.5	15.2	15.7	16.0
	4H	14.8	15.3	15.2	15.6	15.9	14.8	15.3	15.2	15.6	15.9
	6H	14.7	15.2	15.1	15.5	15.9	14.8	15.2	15.1	15.5	15.9
	8H	14.7	15.2	15.1	15.5	15.8	14.7	15.2	15.1	15.5	15.8
	12H	14.7	15.1	15.0	15.4	15.8	14.7	15.1	15.1	15.5	15.8
4H	2H	14.8	15.3	15.2	15.6	15.9	14.8	15.3	15.2	15.6	15.9
	3H	14.7	15.1	15.1	15.5	15.8	14.7	15.1	15.1	15.5	15.8
	4H	14.6	15.0	15.0	15.3	15.7	14.6	15.0	15.0	15.3	15.7
	6H	14.5	14.8	14.9	15.2	15.7	14.5	14.8	14.9	15.2	15.7
	8H	14.5	14.8	14.9	15.2	15.6	14.5	14.8	14.9	15.2	15.6
	12H	14.4	14.7	14.9	15.1	15.6	14.4	14.7	14.9	15.1	15.6
8H	4H	14.5	14.8	14.9	15.2	15.6	14.5	14.8	14.9	15.2	15.6
	6H	14.4	14.6	14.8	15.1	15.6	14.4	14.6	14.8	15.1	15.6
	8H	14.3	14.5	14.8	15.0	15.5	14.3	14.5	14.8	15.0	15.5
	12H	14.3	14.5	14.8	14.9	15.5	14.3	14.5	14.8	14.9	15.5
12H	4H	14.4	14.7	14.9	15.1	15.6	14.4	14.7	14.9	15.1	15.6
	6H	14.3	14.5	14.8	15.0	15.5	14.3	14.5	14.8	15.0	15.5
	8H	14.3	14.5	14.8	14.9	15.5	14.3	14.5	14.8	14.9	15.5
Variations with the observer position at spacing:											
S =	1.0H	4.9 / -10.8					4.9 / -10.8				
	1.5H	7.6 / -14.7					7.6 / -14.7				
	2.0H	9.6 / -16.7					9.6 / -16.7				