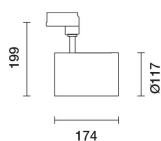


Last information update: June 2025

**Product configuration: R359.01**

R359.01: body Ø 117 mm - Wide flood optic - 38.1W 4575.6lm - 4000K - CRI 90 - White

**Product code**

R359.01: body Ø 117 mm - Wide flood optic - 38.1W 4575.6lm - 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. 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:	4576	Rf (Colour Fidelity Index):	90
W system:	38.1	Rg (Gamut Index):	98
Im source:	4920	Colour temperature [K]:	4000
W source:	34	MacAdam Step:	2
Luminous efficiency (lm/W, real value):	120.1	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.) [%]:	93	ZVEI Code:	LED
Beam angle [°]:	42°	Number of optical assemblies:	1
CRI (minimum):	90	Control:	DALI-2

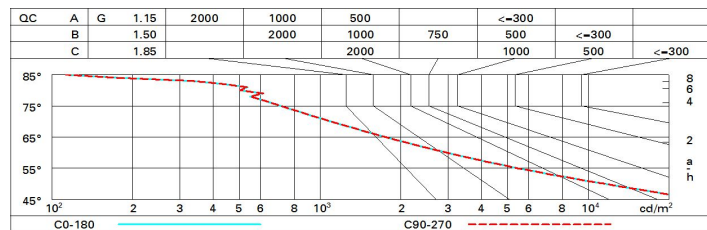
**Polar**

	CIE			
	nL 0.93			
	98-100-100-100-93			
	UGR 15.5-15.5			
	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<3000 cd/m² at 65°			
	UGR<16   L<3000 cd/mq @65°			
	Lux			
	h	d	Em	Emax
	2	1.6	1797	2291
	4	3.1	449	573
	6	4.7	200	255
	8	6.3	112	143

# 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 4920 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
2H	2H	10.1	10.7	10.4	10.9	17.2	10.1	10.7	10.4	10.9	17.2
	3H	10.0	10.5	10.3	10.8	17.1	10.0	10.5	10.3	10.8	17.1
	4H	15.9	10.4	10.2	10.7	17.0	15.9	10.4	10.2	10.7	17.0
	6H	15.8	10.3	10.2	10.6	10.9	15.8	10.3	10.2	10.6	10.9
	8H	15.8	10.2	10.1	10.6	10.9	15.8	10.2	10.1	10.6	10.9
	12H	15.7	10.2	10.1	10.5	10.9	15.7	10.2	10.1	10.5	10.9
4H	2H	15.9	10.4	10.2	10.7	17.0	15.9	10.4	10.2	10.7	17.0
	3H	15.8	10.2	10.1	10.5	10.9	15.8	10.2	10.1	10.5	10.9
	4H	15.7	10.0	10.1	10.4	10.8	15.7	10.0	10.1	10.4	10.8
	6H	15.6	15.9	10.0	10.3	10.7	15.6	15.9	10.0	10.3	10.7
	8H	15.5	15.8	10.0	10.3	10.7	15.5	15.8	10.0	10.3	10.7
	12H	15.5	15.8	15.9	10.2	10.7	15.5	15.8	15.9	10.2	10.6
8H	4H	15.5	15.8	10.0	10.3	10.7	15.5	15.8	10.0	10.3	10.7
	6H	15.4	15.7	15.9	10.1	10.6	15.4	15.7	15.9	10.1	10.6
	8H	15.4	15.6	15.9	10.1	10.6	15.4	15.6	15.9	10.1	10.6
	12H	15.3	15.5	15.8	10.0	10.5	15.3	15.5	15.8	10.0	10.5
12H	4H	15.5	15.8	15.9	10.2	10.6	15.5	15.8	15.9	10.2	10.7
	6H	15.4	15.6	15.9	10.1	10.6	15.4	15.6	15.9	10.1	10.6
	8H	15.3	15.5	15.8	10.0	10.5	15.3	15.5	15.8	10.0	10.5
Variations with the observer position at spacing:											
S =		1.0H					4.9 / -10.8				
		1.5H					7.6 / -14.7				
		2.0H					9.6 / -16.7				