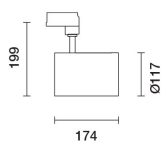


Last information update: June 2025

Product configuration: 7928.01

7928.01: body Ø 117 mm - very wide flood optic - DALI - 28.5W 3629lm - 4000K - CRI 90 - White



Product code

7928.01: body Ø 117 mm - very wide flood optic - DALI - 28.5W 3629lm - 4000K - CRI 90 - White

Technical description

Adjustable spotlight with adapter for installation on a mains voltage track. Luminaire made of die-cast aluminium. Spotlight 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. very wide flood optic. Possibility of installing a flat accessory, like a glass cover or an elliptical distribution refractor.

Installation

On an electrified track or special base

Colour
White (01)

Weight (Kg)
1.17

Mounting

three circuit track

Wiring

Product complete with DALI components

Complies with EN60598-1 and pertinent regulations



Technical data

Im system:	3629	MacAdam Step:	2
W system:	28.5	Life Time LED 1:	> 50,000h - L90 - B10 (Ta 25°C)
Im source:	3820	Lamp code:	LED
W source:	25	Number of lamps for optical assembly:	1
Luminous efficiency (Im/W, real value):	127.3	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.) [%]:	95	Inrush current:	18 A / 250 µs
Beam angle [°]:	52°	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		

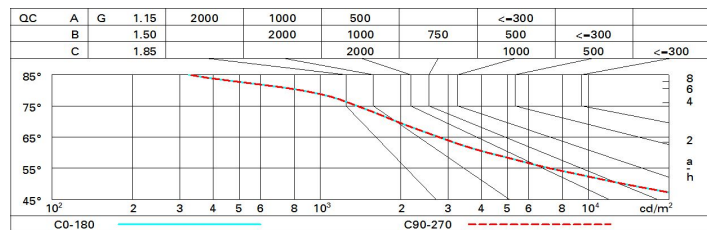
Polar

Imax=5300 cd 90° 180° 90° 6000 0° α=52°	CIE nL 0.95 97-100-100-100-95 UGR 18.4-18.4 DIN A.61 UTE 0.95A+0.00T F*1=969 F*1+F*2=997 F*1+F*2+F*3=1000 CIBSE LG3 L<3000 cd/m² at 65° UGR<19 L<3000 cd/mq @65°				Lux			
	h	d	Em	Emax				
	2	2	1012	1325				
	4	3.9	253	331				
	6	5.9	112	147				
	8	7.8	63	83				

Utilisation factors

R	77	75	73	71	55	53	33	00	DRR
K0.8	85	80	76	74	79	76	76	72	76
1.0	88	84	81	79	83	81	80	77	81
1.5	93	90	88	86	89	87	86	83	87
2.0	96	94	92	91	93	91	90	87	92
2.5	98	96	95	94	95	94	93	90	95
3.0	99	98	97	96	97	96	94	92	97
4.0	101	100	99	98	98	97	96	94	99
5.0	101	101	100	100	99	98	97	95	100

Luminance curve limit



UGR diagram

Corrected UGR values (at 3820 lm bare lamp luminous flux)											
Reflect.: ceiling/cav walls work pl. Room dim x y		viewed crosswise					viewed endwise				
		0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
		0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
		0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
2H	2H	18.9	19.5	19.2	19.8	20.0	18.9	19.5	19.2	19.8	20.0
	3H	18.8	19.4	19.1	19.6	19.9	18.8	19.4	19.1	19.6	19.9
	4H	18.8	19.3	19.1	19.5	19.8	18.8	19.3	19.1	19.5	19.8
	6H	18.7	19.1	19.0	19.5	19.8	18.7	19.1	19.0	19.5	19.8
	8H	18.6	19.1	19.0	19.4	19.8	18.6	19.1	19.0	19.4	19.7
	12H	18.6	19.0	19.0	19.4	19.7	18.6	19.0	19.0	19.4	19.7
4H	2H	18.8	19.3	19.1	19.5	19.8	18.8	19.3	19.1	19.5	19.8
	3H	18.6	19.0	19.0	19.4	19.7	18.6	19.0	19.0	19.4	19.7
	4H	18.5	18.9	18.9	19.3	19.7	18.5	18.9	18.9	19.3	19.7
	6H	18.4	18.8	18.9	19.2	19.6	18.4	18.8	18.9	19.2	19.6
	8H	18.4	18.7	18.8	19.1	19.6	18.4	18.7	18.8	19.1	19.6
	12H	18.4	18.6	18.8	19.1	19.5	18.3	18.6	18.8	19.1	19.5
8H	4H	18.4	18.7	18.8	19.1	19.6	18.4	18.7	18.8	19.1	19.6
	6H	18.3	18.6	18.8	19.0	19.5	18.3	18.6	18.8	19.0	19.5
	8H	18.3	18.5	18.7	18.9	19.4	18.3	18.5	18.7	18.9	19.4
	12H	18.2	18.4	18.7	18.9	19.4	18.2	18.4	18.7	18.9	19.4
12H	4H	18.3	18.6	18.8	19.1	19.5	18.4	18.6	18.8	19.1	19.5
	6H	18.3	18.5	18.7	18.9	19.4	18.3	18.5	18.7	18.9	19.4
	8H	18.2	18.4	18.7	18.9	19.4	18.2	18.4	18.7	18.9	19.4
Variations with the observer position at spacing:											
S =	1.0H	5.5 / -10.6					5.5 / -10.6				
	1.5H	8.3 / -13.6					8.3 / -13.6				
	2.0H	10.3 / -15.0					10.3 / -15.0				