

LIGHTING SYSTEMS

Fortyeight Label 6 - Fix

Code
1T9858DA

LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
2700K 90	FL 35°	9W 840lm
POWER SUPPLY CONTROL	COLOUR	
48Vdc		



The figures on the drawing are expressed in mm.



The diagram illustrates the light distribution of a fixture. It shows a beam angle of 35 degrees. The illuminance (E_{max}) is 2247 lx at a distance of 1m, 562 lx at 2m, 250 lx at 3m, 140 lx at 4m, and 90 lx at 5m. The beam diameter (D) is 0.63m at 1m, 1.26m at 2m, 1.89m at 3m, 2.51m at 4m, and 3.14m at 5m. The fixture power is 9W and the source flux is 1147lm.

	2700K	H(m)	D(m)	E _{max} (lx)
	Ra90		35°	
Fixture Power	9W	1	0.63	2247
Source Flux	1147lm	2	1.26	562
Fixture Flux	840lm	3	1.89	250
Efficacy	93lm/W	4	2.51	140
TS1983	I _{max} =1959cd/klm	I _{max}	2247cd	5
			3.14	90

Technical Data

Concept

Professional low voltage LED fixture for direct lighting.

Source

High efficiency Chip on Board LED Ra90. 3500K on request.

Energy efficiency class	E
Nominal power	8,3W
Nominal flux	1147lm
Colour rendering index	90
R _f	92
R _g	99
CCT nominal	2700K
SDCM	1.5
Lifetime (L80/B10)	72000h tq +25°C
Lifetime (L90/B10)	72000h tq +25°C

TARGETTI

CCIAA Firenze
Share Capital: € 500.000,00
VAT N. (IT): 01537660480
R.E.A: FI-275656

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Due to the technological evolution of the electronic components, the data provided may be updated, and as such, confirmation must be requested during the order process.
Luminous flux and power supply have +/-10% tolerances with respect to the indicated value. tq +25°C (CIE 121).

We reserve the right to make technical changes.

Technical Data

Illuminotechnical characteristics

FL version - convex faceted highly reflective anodised aluminium precision optics, holographic diffusion filter and black silicone cut off ring.

Optic	FL
Beam angles	FL
Optical efficiency	73.21%
Fixture flux	840lm
Luminous efficacy	93lm/W
Photobiological safety	Compliant with RG1 low risk group

Mechanical characteristics

Cylindrical body in aluminum obtained from an extrusion process and coated with powder paint.

Colour and finish	Deep black
Dimensions	ØxH 59x270mm
Weight	0.6Kg
Version	DALI
Degree of protection	IP20

Electrical characteristics

DALI version, track power supply. Casambi control system available using a dedicated accessory.

Fixture Power	9W
Power supply	48Vdc
Insulation Class	CLASS 3
SAFE FLICKER	PstLM=<1 and SVM=<0.4 (IEC TR 61547-1 and IEC TR 63158), to ensure a more comfortable and safe light
Ambient temperature	0°C / +25°C

Installation

Quick coupling system for mounting the product on the track.

Notes

Not polarized fixture. Black adapter. 110-277Vac version available on request. Not compatible with Fortyeight Trimless Deep track. Commissioning of the control system via free APP; the intervention of a specialist technician can be quoted on request.

Warranty

5 years.

Warning

Luminaire designed for disposal/recycling at end-of-life. Replaceable (LED only) light source by a professional. Replaceable control gear by a professional.

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