

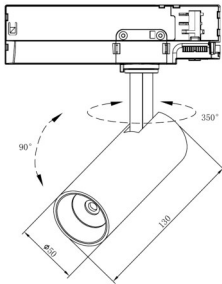
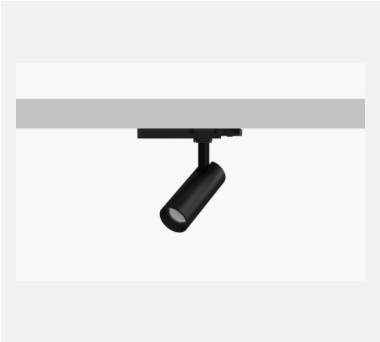
TL01A50

PRODUCT DATA

Information issue: August 2026

Product configuration: TL01A50 | SINGLE COLOUR

TL01A50: Ø50 spotlight - 12W 1440lm - 2700K / 3000K / 4000K - CRI 90 - Black / White



Product code

TL01A50

Technical description

Ø50 adjustable spotlight for a compatible three-circuit electrified track. Single-colour LED, selectable in 2700K, 3000K or 4000K, CRI 90, with 24 or 36 degree optical options. The optical assembly accepts a PC lens or aluminium reflector of the same front size; both are interchangeable. Cold-forged aluminium body with thermoplastic front trim, 350 degree rotation, 90 degree tilt and passive thermal management. The integrated non-dimmable driver is housed within the track adapter enclosure.

Installation

Compatible three-circuit electrified track

Colour	Weight (Kg)
Black / White	0.40 kg (400 g)

Mounting

Three-circuit track

DIMENSIONS: Ø50 x 130 mm

CE	RoHS	IP20	Indoor use
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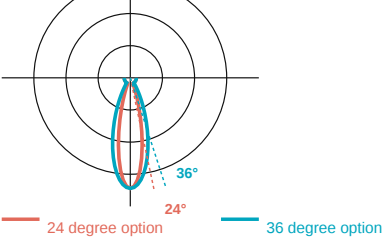
Technical data

lm system:	1440	CRI (minimum):	90
W system:	12.0	Colour temperature [K]:	2700 / 3000 / 4000
lm source:	1714	MacAdam Step:	3
W source:	10.6	Life time LED:	> 50,000h - L90 - B10 (Ta 25 C)
Luminous efficacy [lm/W]:	120 (115-130)	Lamp code:	LED
Emergency luminous flux:	0	Lamps / optical assembly:	1
Flux at 90 degree [lm]:	0	ZVEI Code:	LED
L.O.R. [%]:	84	Optical assemblies:	1
Beam angle:	24 / 36 degree options	Control:	Single colour, non-dimmable

Polar

Lux (36 degree)

24 / 36 degree options (12W / 1440 lm preliminary model)



h	d	Em	Emax
2	1.3	569	849
4	2.6	142	212
6	3.9	63	94
8	5.2	36	53

24 / 36 degree preliminary optical model at 1440 lm. Not an IES test.