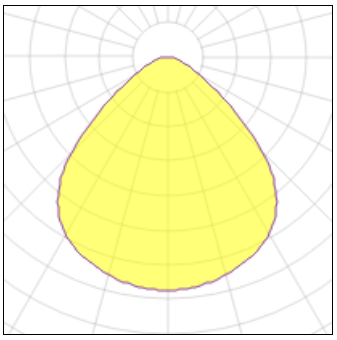
Product data sheet

EYES 2.T D [3000K 3W 24VDC]
EY2T00100050DB
L&L LUCE&LIGHT



Recessed downlight for indoor applications; recessed (ceiling); Power consumption: 3W; Power supply: 24Vdc; Lumen output at source: 260 lm (3000K); Delivered lumen output: 160 lm (3000K, 23°); 1 power LED, 2-step MacAdam, 60 000h L90 B10 (Ta 25°C); LED colour: 2700K, 3000K, 4000K; Optics: 17°, 23°, 36°: optical system consisting of a high-efficiency TIR lens, 20°x40°: optical system consisting of a high-efficiency elliptical TIR lens combined with a high-quality technical filter, diffuse: optical system consisting of a screen in frosted / transparent Plexiglas; CRI Colour Rendering Index: >90; Body material: radiator in black anodized aluminium acting as a cooling element. Body in brass, made entirely on a CNC lathe. Springs in nickel-plated C67 spring steel.; Finishes: body painted white (RAL 9003), body painted black (RAL 9005), body with a satin finish obtained by an initial polishing treatment followed by nickel-plating and satin-finishing processes. Body finally protected with matt paint; RAL finish on request; power supply unit not included; includes 1.50 m PVC cable FROR 2x0.35 Ø3.5 m; Ingress protection: IP40, IP44 installed; Protection systems: EPS protects fixtures for indoor applications against electrical problems. This innovation, patented by L&L, guarantees electrical protection against polarity reversal, hot plugging and voltage spikes of up to 48Vdc, which can occur if there are faults in the electrical circuit; Operating temperature: 0°C — +45°C; Maximum device temperature: 40°C (Ta 25°C); Photobiological safety: in accordance with IEC TR 62778:2014; Appliance class: class III; Weight: 75 g; Dimensions: Ø34x45 mm; Cutout dimensions: Ø30 mm; Volume of thermal heatsink: Ø110x90 mm; Energy efficiency class: A / A+ / A++ (integrated LED module) in accordance with UE 874/2012; Accessories: WC0202 Outer casing for solid walls; tested and approved via E.O.L. (End Of Line) test with functioning test and check of electrical power consumption

Light output 1



1 x LED

Nominal lamp power	3 W	LOR	100%
Lamp flux	145 lm	Total flux	145 lm
Luminous efficacy	48 lm/W	Total power	3 W
CCT	3000 K		
CRI	90		

Mounting mode

Ceiling recessed

Shape and measurements

Length: 1.38 in
Width: 1.38 in
Height: 0.10 in

Adjustability

Fixed

Electric

System power: 3 W
Appliance Class: III

Protection

IP: 40

Design

Color of housing: Black, White