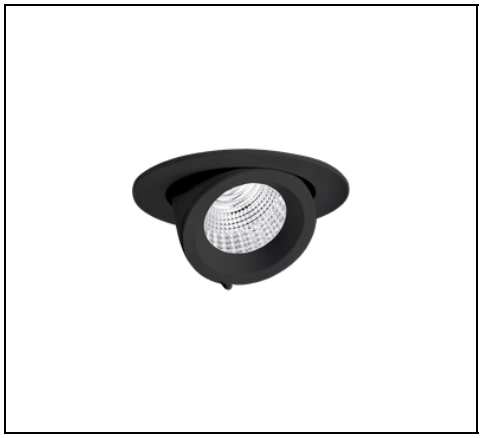
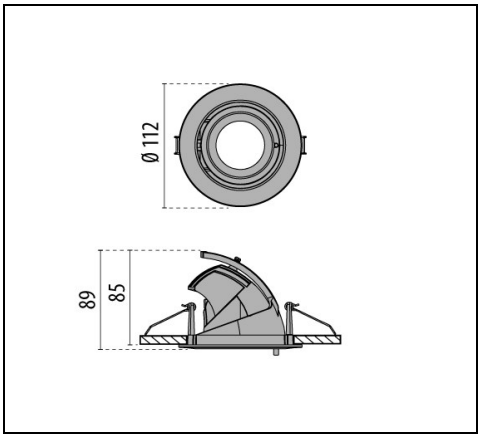
date: 27/10/2026

EB+ 432

Part number LTY1212FC940





IP 20 | CLASS II | CRI 90 | ULR<1 | CIEn°3>95 | CE | UKCA

Description

Recessed LED luminaire for indoor, comprising:

- Die-cast aluminium spotlight body and ring, powder-coated
- Reflector can be swivelled horizontally inwards and outwards thanks to the unique swivel mechanism
- Adjustable about 60° (from -15° up to 45°, rotatable about 355°
- Colour tolerance according to MacAdam ≤ 3 SDCM
- Colour rendering index Ra > 90
- Quick and toolless installation
- Built-in driver
- Anchor springs
- Clear safety glass
- High-brilliance spherical faceted reflector for maximum performance and neutral colour rendering index

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For information:
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Viale del Lavoro 9/11
37030 Colognola ai Colli Verona - Italy
Tel. +39 045 61 59 211

info.it@pil.lighting
www.performanceinlighting.com

Product data

ETIM Group:	EG000027	**ETIM Class:**	EC001744

General information

Lampholder:	LED	**Light source:**	LED
Lightsource lumen output [lm]:	1716	**Luminaire lumen output [lm]:**	1410
Luminaire wattage [W]:	12 W	**Luminous efficacy [lm/W]:**	118
CRI:	90	**Colour temperature [K]:**	4000
Colour / Finishing:	BK-RAL9005 / Black RAL9005 / Textured	**IP degree of protection:**	IP20
Impact resistance / impact energy:	IK02 0.2J xx0	**Protection class:**	II
Optic:	C/IW - Circular Wide	**Net weight [kg]:**	0.345
Overall diameter [mm]:	112	**Overall height [mm]:**	88
Cut-out diameter [mm]:	Ø 100		

Mechanical features

Shape:	Round ≤ 150 mm	**Housing material:**	Aluminium
Diffuser material:	Transparent glass	**Glow wire test [°C]:**	650 °C

Electrical features

Voltage type:	AC	**Input voltage [V AC]:**	220/240
Input frequency [Hz]:	50/60	**Power factor / COS Φ:**	0.9
Inrush current [A/µs]:	16 / 246	**C10 1.5 mm²:**	36
C16 2.5 mm²:	58	**B10 1.5 mm²:**	21
B16 2.5 mm²:	35		

Installation

Application area:	Indoor lighting	**Mounting type:**	Downlight and spotlight
Min. ambient temperature [°C]:	-20	**Max. ambient temperature [°C]:**	35
Min. distance from lighted object [m]:	0.10		

Light features

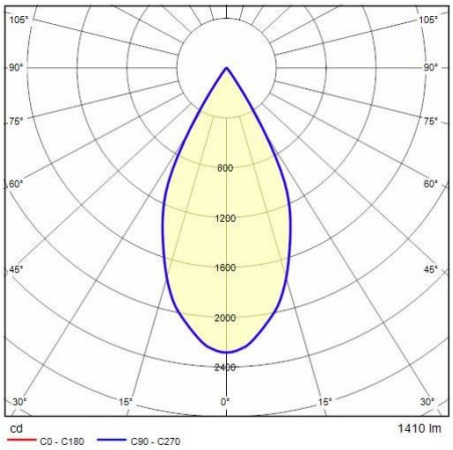
MacAdam:	3	**Lumen maintenance:**	L90B10@120000h
Distribution of light emission:	Direct	**DFF - Downward Flux Fraction [%]:**	0
UFF - Upward Flux Fraction [%]:	100	**UGR max.:**	19.0
Luminous Intensity Class:	G*6	**Zero light pollution (ULR = 0%):**	

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Photometric data



Optional accessories

EB+ 432



8432961

Food glass filter for meat products



8432962

Food glass filter for bakery products



8432963

Food glass filters for fruits and cheese



8432964

Food glass filter for vegetables



8432965

Food glass filter for fish products

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