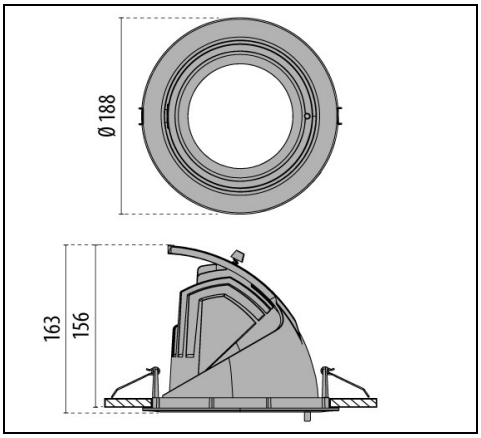
date: 28/10/2026

EB+ 435

Part number LTY1516FC940





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

To maintain the regular updating of our products, PERFORMANCE iN LIGHTING reserves the right to make changes without prior notice. For the most up to date information we always recommend you read the latest version published on the website www.performanceinlighting.com. Delivered luminaire lumen outputs and power consumptions, including losses, are subject to a tolerance of +/- 7%, and unless otherwise stated the values apply to an ambient temperature of 25ºC. Terms of warranty are available at https://www.performanceinlighting.com/qr/company/led-warranty

For information:
PERFORMANCE iN LIGHTING S.p.A. Headquarters - Italy
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]:	5710	**Luminaire lumen output [lm]:**	4480
Luminaire wattage [W]:	38 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]:**	1.14
Overall diameter [mm]:	188	**Overall height [mm]:**	165
Cut-out diameter [mm]:	Ø 175		

Mechanical features

Shape:	Round 150 ≤ x ≤ 300 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]:	32 / 260	**C10 1.5 mm²:**	22
C16 2.5 mm²:	35	**B10 1.5 mm²:**	13
B16 2.5 mm²:	21		

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

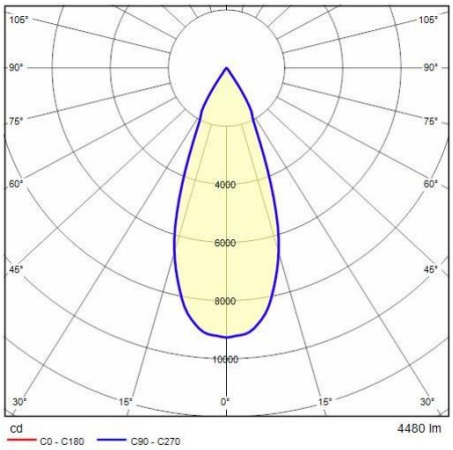
MacAdam:	3	**Lumen maintenance:**	L90B10@120000h
Distribution of light emission:	Direct	**DFF - Downward Flux Fraction [%]:**	0
UFF - Upward Flux Fraction [%]:	100	**UGR max.:**	17.0
Luminous Intensity Class:	G*6	**Zero light pollution (ULR = 0%):**	

To maintain the regular updating of our products, PERFORMANCE iN LIGHTING reserves the right to make changes without prior notice. For the most up to date information we always recommend you read the latest version published on the website www.performanceinlighting.com. Delivered luminaire lumen outputs and power consumptions, including losses, are subject to a tolerance of +/- 7%, and unless otherwise stated the values apply to an ambient temperature of 25ºC. Terms of warranty are available at https://www.performanceinlighting.com/qr/company/led-warranty

For information:
PERFORMANCE iN LIGHTING S.p.A. Headquarters - Italy
Viale del Lavoro 9/11
37030 Colognola ai Colli Verona - Italy
Tel. +39 045 61 59 211

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

Photometric data



Optional accessories

EB+ 435



8435961

Food glass filter for meat products



8435962

Food glass filter for bakery products



8435963

Food glass filters for fruits and cheese



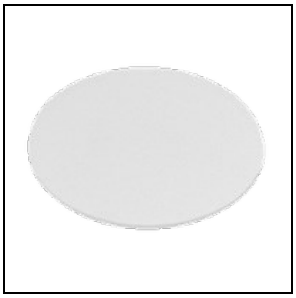
8435964

Food glass filter for vegetables



8435965

Food glass filter for fish products



8417900

Frosted safety glass pane

To maintain the regular updating of our products, PERFORMANCE iN LIGHTING reserves the right to make changes without prior notice. For the most up to date information we always recommend you read the latest version published on the website www.performanceinlighting.com. Delivered luminaire lumen outputs and power consumptions, including losses, are subject to a tolerance of +/- 7%, and unless otherwise stated the values apply to an ambient temperature of 25ºC. Terms of warranty are available at https://www.performanceinlighting.com/qr/company/led-warranty

For information:
PERFORMANCE iN LIGHTING S.p.A. Headquarters - Italy
Viale del Lavoro 9/11
37030 Colognola ai Colli Verona - Italy
Tel. +39 045 61 59 211

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