

Specific applications

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3F 66 LED



Construction characteristics

Illuminotechnical characteristics

Downward bilateral distribution.
Lifetime (L85/B10): 30000 h. (tq+25°C)
Lifetime (L80/B10): 50000 h. (tq+25°C)
Photobiological safety RG0 unlimited, risk absent, in compliance with IEC 62471 (further information on page 346).

Mechanical characteristics

Self-extinguishing V2 polycarbonate housing, injection moulded, RAL 7035 grey.
Flow recuperator in specular aluminium with superficial titanium-magnesium treatment, non-iridescent.
Transparent PMMA diffuser, injection moulded, with smooth outer surface.
Sealing gaskets between housing and diffuser in ecological anti-aging EPDM.
Diffuser safety seal with 4 latches attaching it to the housing, in stainless steel.

Electrical characteristics

Electronic wiring 230V-50/60Hz, fuse, class II.
In compliance with EN 60598-1.
Line entry at rear through rubber seal or at side after drilling.

Source characteristics

- LED modules.
- Color initial tolerance (MacAdam): SDCM 3.

On request

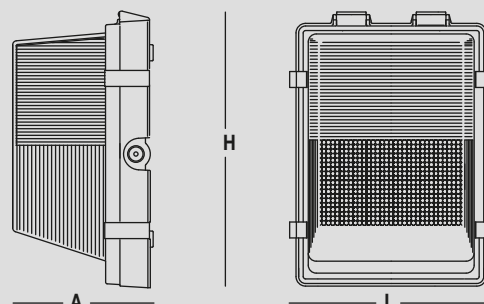
- LED sources with different colour temperatures
- different powers

Applications

Wall mounting, particularly suitable for outdoor lighting of civil and industrial buildings, porticos, underpasses and walkways.

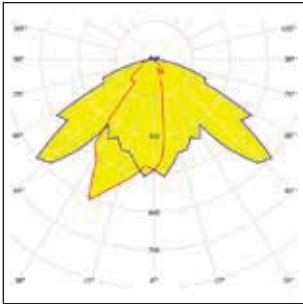
Controlled downward bilateral distribution provides uniform lighting on work surfaces. Control of light pollution, in accordance with the legislative requirements in force.

Dimensions



3F 66 LED

Code 8357



E=100%

CE

650°C

IP65

Classe II

Driver/LED
SELV

Assil
Quality

Code	Item	Absorbed power (W)	Output flux (lm)	CCT (K)	CRI	Dimensions L x A x H
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Electronic						
8357	3F 66 1 LED 6 II	10	665	4000	>80	255x176x344
8358	3F 66 2 LED 12 II	16	1302	4000	>80	255x176x344

3F FS PC LED



Construction characteristics

Illuminotechnical characteristics

Downward bilateral wide distribution.
Lifetime (L85/B10): 30000 h. (tq+25°C)
Lifetime (L80/B10): 50000 h. (tq+25°C)
Photobiological safety RG0 unlimited, risk absent, in compliance with IEC 62471 (further information on page 346).

Mechanical characteristics

Self-extinguishing V2 polycarbonate housing, injection moulded, RAL 7035 grey. Stainless steel base for fast mounting and removal of the luminaire without tools (via 4 stainless steel side snap-lock clips), not suitable for direct wall mounting. Flow recuperator in specular aluminium with superficial titanium-magnesium treatment, non-iridescent. Diffuser in transparent self-extinguishing V2 polycarbonate, UV stabilised, injection moulded with smooth outer surface and differentiated prismatic inner surface. Sealing gaskets between housing and diffuser in ecological anti-aging EPDM. Diffuser safety seal with 2 luminaires on the side to attach it to the housing, in stainless steel.

Electrical characteristics

Electronic wiring 230V-50/60Hz, fuse, class II.
Feeding on the luminaire with cable FG7(O)M1 2x1,5 mm² connected to IP67 mobile connector consists flush mounting box in UL94V0 self-extinguishing thermoplastic resin. Crimp contacts.
Gland M20x1,5 self-extinguishing polyamide.
In compliance with EN 60598-1.

Source characteristics

- LED modules.
- Color initial tolerance (MacAdam): SDCM 3.

On request

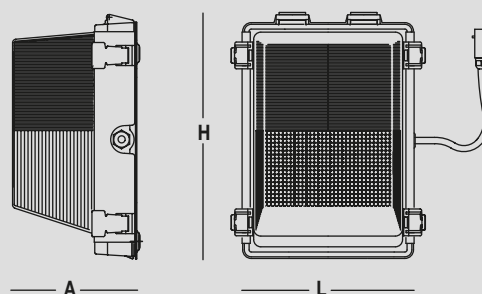
- housing in die-cast SG Al Si 2/GD 5076 aluminium alloy, with chrome-free protective treatment, RoHS 2002/95/CE compatible, painted with polyester resin powder, TGIC free, painted Ral 7035 grey for exterior use
- LED sources with different colour temperatures
- fluorescent sources
- connectors plug / socket
- different powers

Applications

Lighting for railway tunnels.
Luminaire with Fire Reaction Class 1 as per Italian Ministerial Decree of 26 June 1984 (Classification of reaction to fire and type-approval of materials for fire-prevention purposes).

Controlled bilateral distribution provides uniform lighting on work surfaces.

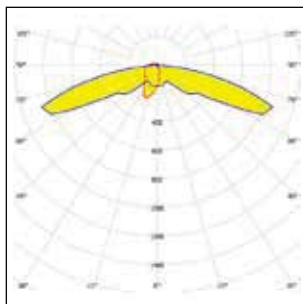
Dimensions



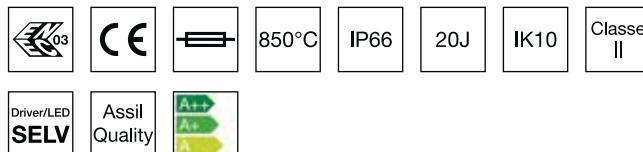
3F FS PC LED

Polycarbonate diffuser

Code 8330



E=100%



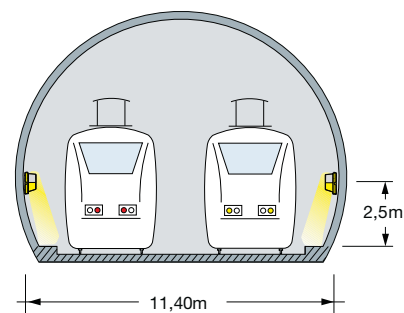
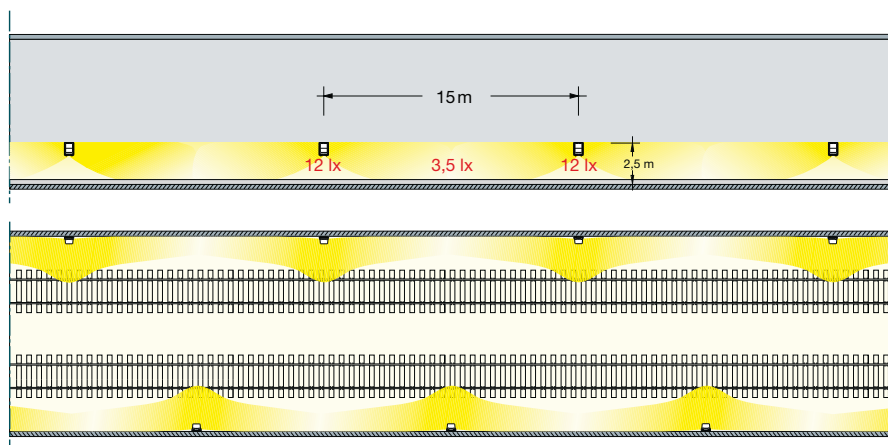
Code	Item	Absorbed power (W)	Output flux (lm)	CCT (K)	CRI	Dimensions L x A x H
8330	3F FS PC LED 1x4W-350 AM II	6	410	4000	>80	255x174x360

Electronic

Example of typical installation for railway galleries

Lighting in lux, obtained with luminaires installed on two sides of the tunnel, in staggered rows.

- Guarantees lighting, even with very wide spacing, thanks to the special design of the recuperator.
- Extremely easy maintenance thanks to rapid removal, with steel clips and brackets, from its base.
- Luminaire is highly resistant to stress and to vibrations caused by passing trains.



3F Metro LED



Construction characteristics

Illuminotechnical characteristics

Downward bilateral wide distribution.
Lifetime (L85/B10): 30000 h. (tq+25°C)
Lifetime (L80/B10): 50000 h. (tq+25°C)
Photobiological safety RG0 unlimited, risk absent, in compliance with IEC 62471 (further information on page 346).

Mechanical characteristics

Self-extinguishing V0 polycarbonate housing, injection moulded, grey RAL 7035. Upper base with wall mount, in galvanised steel. Galvanised steel base anchored to housing, slotted for rapid installation/removal of luminaire. Deep flow recuperator in specular aluminium with superficial titanium-magnesium treatment, non-iridescent. Diffuser in transparent selfextinguishing V0 polycarbonate, UV stabilised, injection moulded with smooth outside and differentiated prismatic inner surface. Sealing gaskets between housing and diffuser in ecological anti-aging EPDM. Diffuser safety seal with 4 latches attaching it to the housing, in stainless steel. Drilling template in stainless steel.

Electrical characteristics

Electronic wiring 230V-50/60Hz, fuse, class II.
In compliance with EN 60598-1.
Plug/socket IP67, fG7(O)M1 2x1.5 mm² cable, M20x1.5 cable gland in self-extinguishing polyamide.
Line input on fixed socket with M25x1.5 threaded hole and polyamide cable gland with 10-17mm diameter tightening range.

Source characteristics

- LED modules.
- Color initial tolerance (MacAdam): SDCM 3.

On request

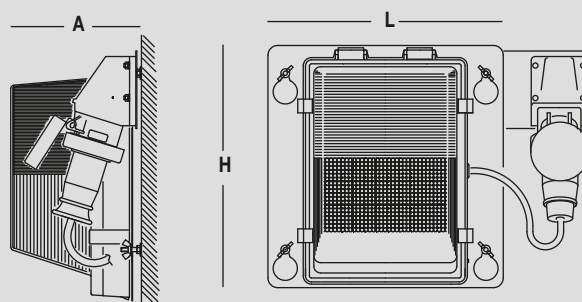
- different powers
- LED sources with different colour temperatures
- other types of connections
- fluorescent sources

Applications

Lighting for subway tunnels with wall fixing. Luminaire with Fire Reaction Class 1 as per Italian Ministerial Decree of 26 June 1984 (Classification of reaction to fire and type-approval of materials for fire-prevention purposes).

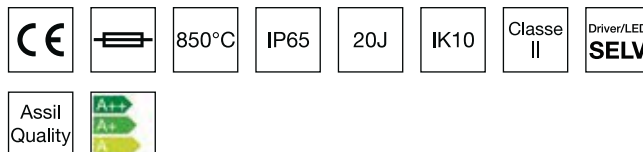
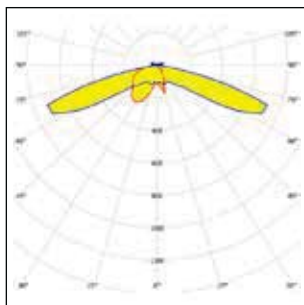
Housing and diffuser are in polycarbonate UL94 V0, certified by the french laboratory SAFRAN for fire reaction, harmful gas and smoke emission.

Dimensions



3F Metro LED

Code 8366



E=100%

Code	Item	Absorbed power (W)	Output flux (lm)	CCT (K)	CRI	Dimensions L x A x H
Electronic						
8366	3F Metro 1 LED 8 AMPIO II	12	731	4000	>80	469x189x350

Example of typical installation for subway tunnels

Lighting in lux, obtained with luminaires installed on two sides of the tunnel, in staggered rows.

- Guarantees lighting, even with very wide spacing, thanks to the special design of the recuperator.
- Housing and diffuser certified SAFRAN for fume emission and fire response.
- Extremely easy maintenance thanks to rapid removal.
- Luminaire is highly resistant to stress and to vibrations caused by passing trains.

