

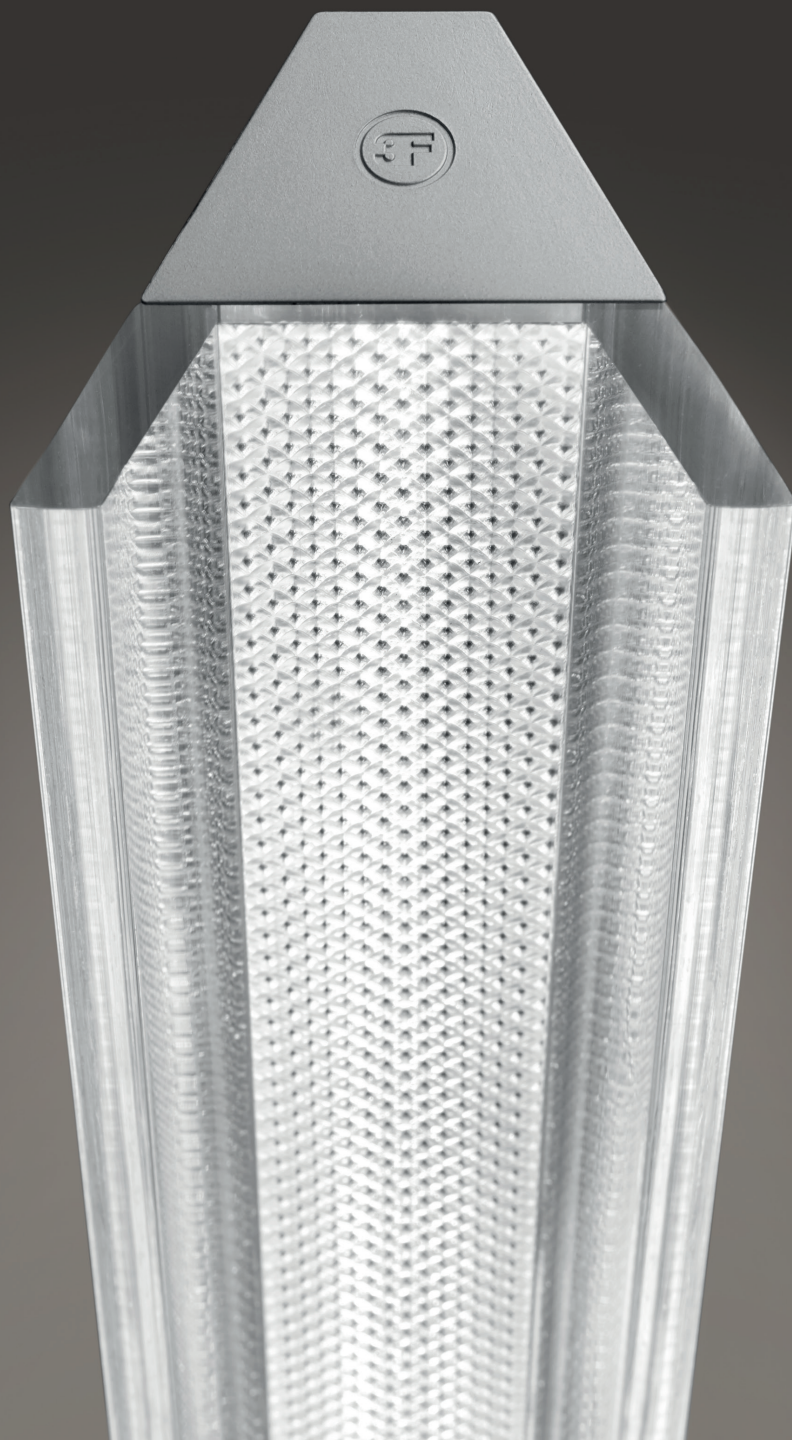
With a presence in over 50 countries, the company offers lighting solutions for every kind of environment, from offices to production lines to commercial areas. Constant research has led 3F Filippi to become synonymous with maximum quality and lighting design.

With its entire production developed in its facility in Pianoro, 3F Filippi is considered an excellence in the world of quality lighting: a result obtained thanks to the joint commitment of all of its employees.

The successes achieved and the desire to face new challenges, has brought 3F Filippi to the architectural lighting market as well, to offer a range of ever-wider solutions to the world of design.



WITH OVER SIXTY YEARS
OF HISTORY,
3F FILIPPI IS A REFERENCE
POINT FOR THE GLOBAL
PROFESSIONAL LIGHTING
MARKET.



GIVING SHAPE TO LIGHT

3F Mirella is the new 3F Filippi suspended light fixture for architectural applications. An essential and at the same time refined design, the luminaire consists of an aluminium body that houses the LED technology and a shaped methacrylate part that accompanies the luminous flux.

Available in various models and finishes, the new system is designed to fit discreetly into professional or residential environments. The integration of these two elements makes the visual perception of the light source inside the space change during the hours of the day.

Elaborate, essential and flexible, 3F Mirella is a solution that is suitable for the multiple configurations of contemporary architectural spaces. It can be equipped with diffusers of different types and colours, all of which are interchangeable, thereby allowing the customer to select the best quality of light and the required visual comfort.

ANDREA CIOTTI

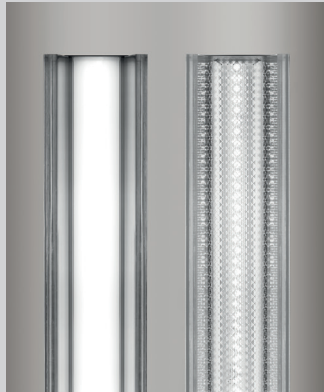


A firm believer in the “Design is one” design methodology, he is active in the fields of architecture, communication and design. He collaborates with Miralles Tagliabue, Studio OT, Ilkka Suppanen, Umbrella, Gonçalo Byrne and Arcode. He lectures and carries out research at the Milan Polytechnic, at the Academy of Architecture in Mendrisio and at the Iuav University in Venice.

He develops products for design-oriented companies and coordinates architectural and interior design projects both in Italy and abroad. He organizes and promotes cultural initiatives for government agencies, institutions and private customers. He received an award at the 21st edition of the ADI Compasso d'Oro.

3F MIRELLA OP

Flat opal
PMMA filter



3F MIRELLA SP

Flat prismatic
PMMA filter

DIMENSIONS

112 x 1.480 x h91 mm

112 x 2.200 x h91 mm

FINISHES

Matt black



Silver



Matt white

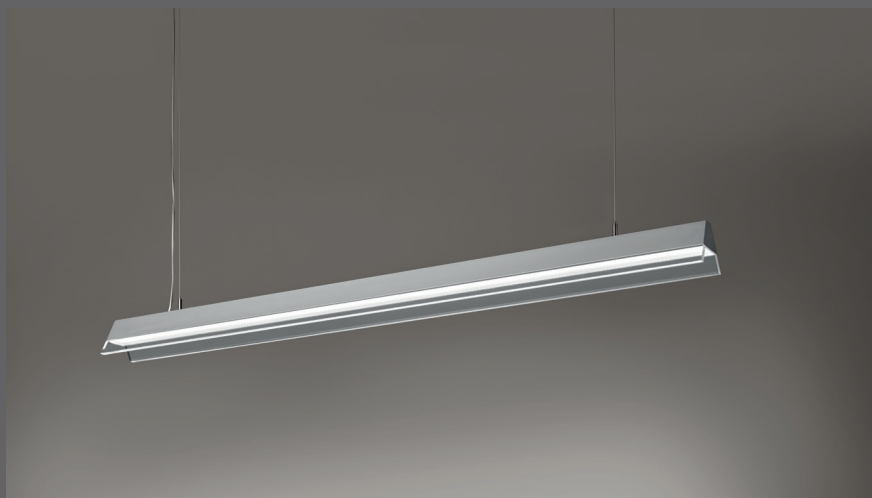


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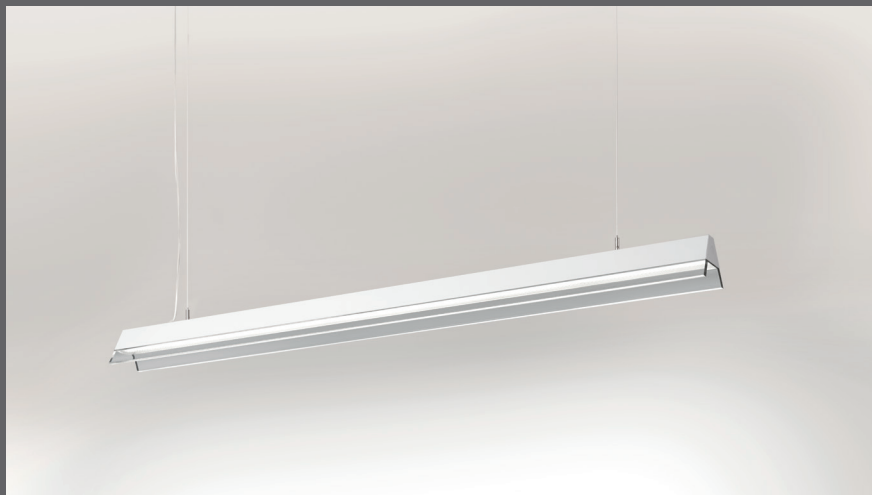
1.480 mm



Silver



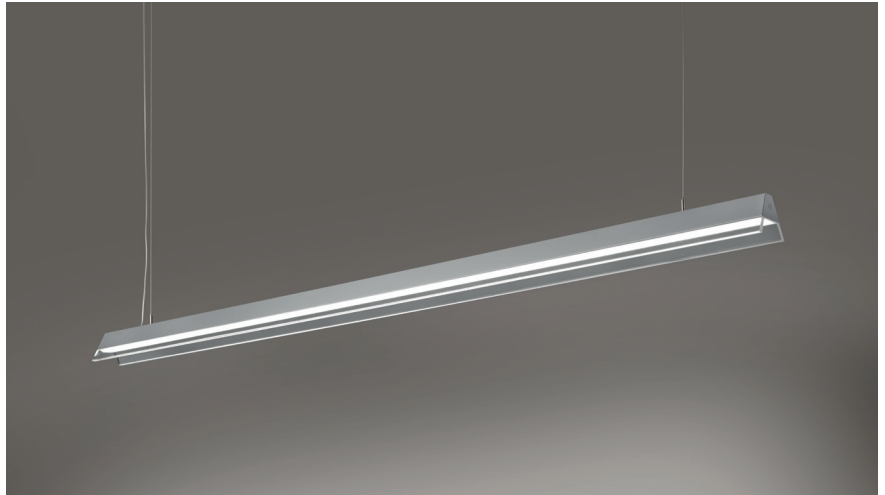
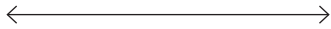
Matt white



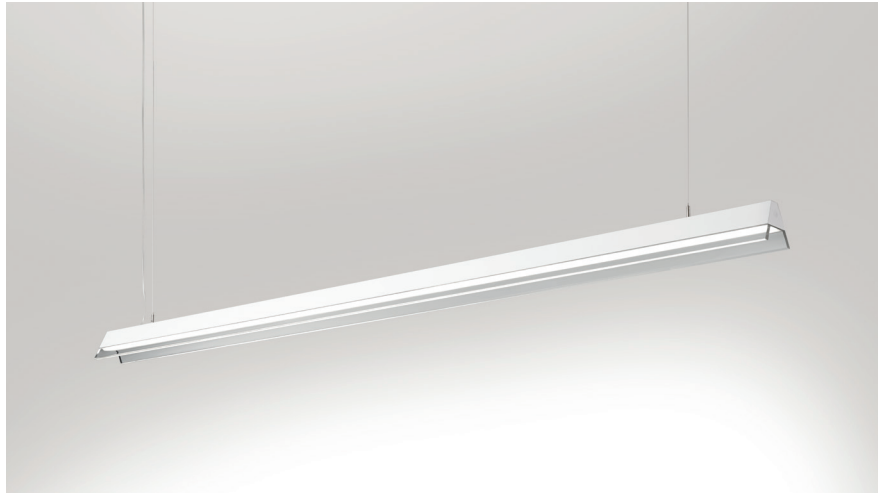
Matt black



2.200 mm



Silver



Matt white

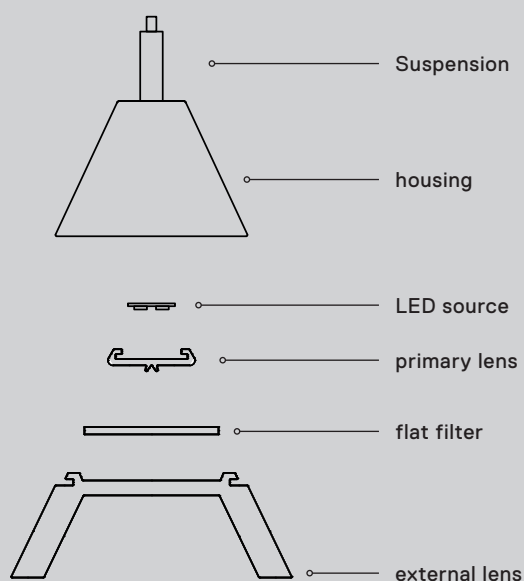


Matt black

A TECHNICAL CORE FOR A QUALITY LIGHT

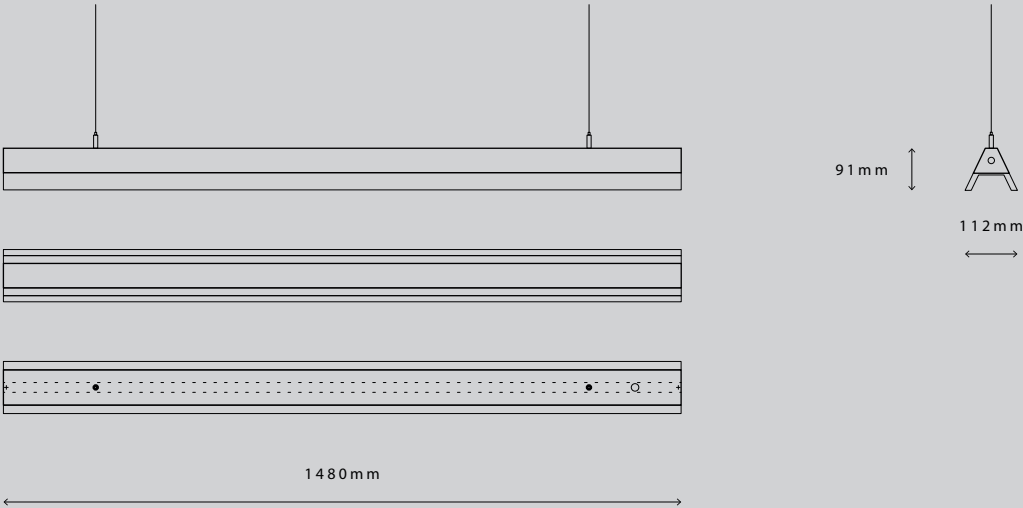
3F Filippi brings its lighting expertise to the architectural sector, offering cutting edge products with a high technological content and optimum performance.

An optical system consisting of three elements has been developed for 3F Mirella that allows extraordinary values for glare and luminance to be obtained, without sacrificing the luminous flux output.

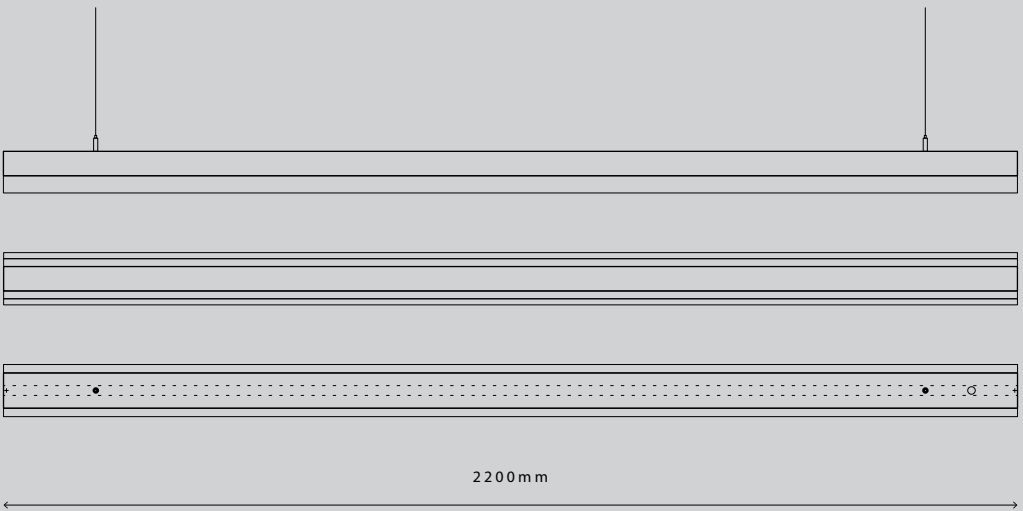


TECHNICAL DRAWINGS

3F Mirella 1480



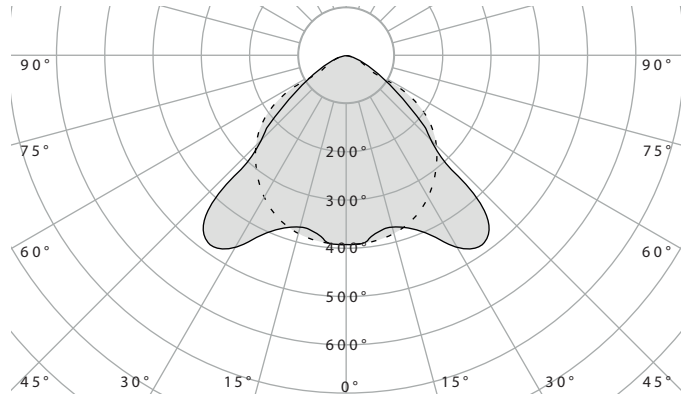
3F Mirella 2200



3F MIRELLA SP

DIRECT LIGHT

PHOTOMETRIC DATA



cd / klm

C0 / C180

C90 / C270

ILLUMINOTECHNICAL CHARACTERISTICS

Luminous efficiency 100%.
 Luminaire luminous flux output:
 4,991 lm (L 1480) and 7,497 lm (L 2200)
 Controlled direct symmetric distribution,
 UGR <19 (EN 12464-1).
 Average luminance: <3,000 cd/m² for radial angles >65°.
 Luminaire efficiency:
 111 lm/W (L 1480) and 113 lm/W (L 2200).
 Service life (L90/B10): 30,000 hours
 Service life (L85/B10): 50,000 hours
 Service life (L75/B10): 80,000 hours
 Photobiological safety in compliance with
 the RG0 unlimited exempt risk group,
 as per IEC 62471, IEC/TR 62778.

MECHANICAL CHARACTERISTICS

Extruded aluminium housing, painted in matt White (B),
 Silver (Ag) or matt Black (Ne).
 PMMA primary lens for total source shielding.
 Highly aesthetic external lens in transparent PMMA for
 optimizing light distribution.
 Flat transparent prismatic PMMA methacrylate filter,
 multi-lenticular exterior, anti-glare.
 Painted aluminium end caps.
 Dimensions: 112 x 1,480 mm - height 91 mm
 or 112 x 2,200 mm - height 91 mm.
 IP40 ingress protection.
 Resistant to 650°C in glow-wire test.

ELECTRICAL CHARACTERISTICS

Electronic wiring 230 V-50/60 Hz, power factor >0.95,
 constant output current, Class I.
 Electronic wiring DALI 230 V-50/60 Hz, power factor
 >0.95, constant output current, Class I.
 Luminaire power:
 45 W (L 1480) and 66 W (L 2200).
 EN 60598-1. Assil Quality.
 EP Emergency version on request.

SOURCE CHARACTERISTICS

Linear LED modules, CCT rated colour temperature 4000 K,
 colour rendering index CRI > 80.
 Colour tolerance (MacAdam): 3.

SUPPLIED ACCESSORIES

Suspensions with chrome bosses and quick adjusters,
 2 m galvanized steel cable.
 2.3 m transparent 5x1.5 mm² power cable with white power
 supply case for mounting on the ceiling.

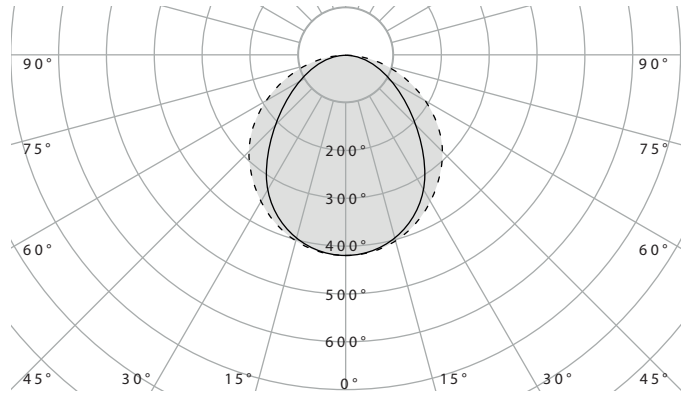
APPLICATIONS

Environments with video terminals, executive and
 representative offices, environments in which exacting
 visual tasks are performed where a diffused and soft
 light is required, with total shielding for
 optimal visual comfort of the environment.

3F MIRELLA OP

DIRECT LIGHT

PHOTOMETRIC DATA



cd / klm

———— C0 / C180

----- C90 / C270

ILLUMINOTECHNICAL CHARACTERISTICS

Luminous efficiency 100%.
 Luminaire luminous flux output:
 5,100 lm (L 1480) and 7,651 lm (L 2200)
 Direct symmetric distribution,
 UGR <22 (EN 12464-1).
 Luminaire efficiency:
 113 lm/W (L 1480) and 116 lm/W (L 2200).
 Service life (L90/B10): 30,000 hours
 Service life (L85/B10): 50,000 hours
 Service life (L75/B10): 80,000 hours
 Photobiological safety in compliance with
 the RG0 unlimited exempt risk group,
 as per IEC 62471, IEC/TR 62778.

MECHANICAL CHARACTERISTICS

Extruded aluminium housing, painted in matt White (B),
 Silver (Ag) or matt Black (Ne).
 Highly aesthetic lens in transparent PMMA for optimizing
 light distribution.
 Flat opal anti-glare PMMA filter.
 Painted aluminium end caps.
 Dimensions: 112 x 1,480 mm - height 91 mm
 or 112 x 2,200 mm - height 91 mm.
 IP40 ingress protection.
 Resistant to 650°C in glow-wire test.

ELECTRICAL CHARACTERISTICS

Electronic wiring 230 V-50/60 Hz, power factor > 0.95,
 constant output current, Class I.
 Electronic wiring DALI 230 V-50/60 Hz, power factor
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 Luminaire power:
 45 W (L 1480) and 66 W (L 2200).
 EN 60598-1. Assil Quality.
 EP Emergency version on request.

SOURCE CHARACTERISTICS

Linear LED modules, CCT rated colour temperature 4000 K,
 colour rendering index CRI > 80.
 Colour tolerance (MacAdam): 3.

SUPPLIED ACCESSORIES

Suspensions with chrome bosses and quick adjusters,
 2 m galvanized steel cable.
 2.3 m transparent 5x1.5 mm² power cable with white power
 supply case for mounting on the ceiling.

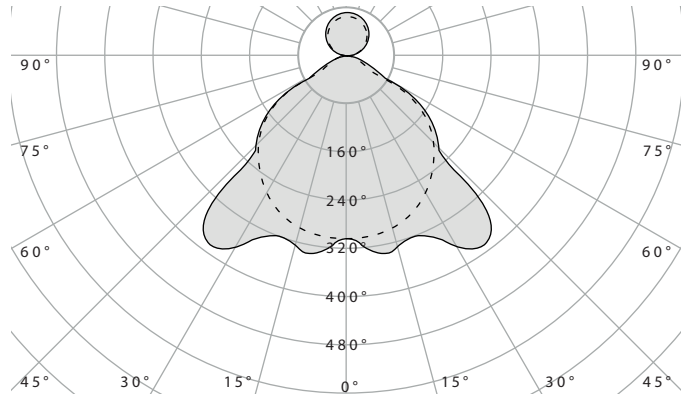
APPLICATIONS

Environments where a diffused and soft light is required,
 with total shielding of the source for optimal
 visual comfort of the environment.

3F MIRELLA SP DI

DIRECT AND INDIRECT LIGHT

PHOTOMETRIC DATA



cd / klm

Indirect: 22% Direct: 78%

———— C0 / C180

----- C90 / C270

ILLUMINOTECHNICAL CHARACTERISTICS

Luminous efficiency 100%.
 Luminaire luminous flux output:
 6250 lm (L 1480) and 9550 lm (L 2200)
 of which 78% direct and 22% indirect.
 Controlled direct/indirect symmetric distribution,
 UGR <19 (EN 12464-1).
 Average luminance: <3000 cd/m² for radial angles >65°.
 Luminaire efficiency:
 111 lm/W (L 1480) and 113 lm/W (L 2200).
 Service life (L90/B10): 30,000 hours
 Service life (L85/B10): 50,000 hours
 Service life (L75/B10): 80,000 hours
 Photobiological safety in compliance with
 the RG0 unlimited exempt risk group,
 as per IEC 62471, IEC/TR 62778.

MECHANICAL CHARACTERISTICS

Extruded aluminium housing, painted in matt White (B),
 Silver (Ag) or matt Black (Ne).
 PMMA primary lens for total source shielding.
 Highly aesthetic external lens in transparent PMMA for
 optimizing light distribution.
 Flat transparent prismatic PMMA methacrylate filter,
 multi-lenticular exterior, anti-glare.
 Painted aluminium end caps.
 Dimensions: 112 x 1,480 mm - height 91 mm
 or 112 x 2,200 mm - height 91 mm.
 IP40 ingress protection.
 Resistant to 650°C in glow-wire test.

ELECTRICAL CHARACTERISTICS

Electronic wiring 230 V-50/60 Hz, power factor >0.95,
 constant output current, Class I.
 Electronic wiring DALI 230 V-50/60 Hz, power factor
 >0.95, constant output current, Class I.
 Luminaire power:
 57 W (L 1480) and 88 W (L 2200).
 EN 60598-1. Assil Quality.
 EP Emergency version on request.

SOURCE CHARACTERISTICS

Linear LED modules, CCT rated colour temperature 4000 K,
 colour rendering index CRI > 80.
 Colour tolerance (MacAdam): 3.

SUPPLIED ACCESSORIES

Suspensions with chrome bosses and quick adjusters,
 2 m galvanized steel cable.
 2.3 m transparent 5x1.5 mm² power cable with white power
 supply case for mounting on the ceiling.

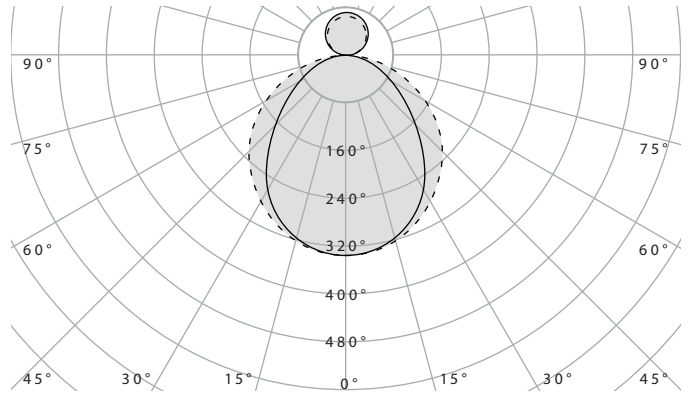
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3F MIRELLA OP DI

DIRECT AND INDIRECT LIGHT

PHOTOMETRIC DATA



cd / klm

Indirect: 21% Direct: 79%

————— C0 / C180

----- C90 / C270

ILLUMINOTECHNICAL CHARACTERISTICS

Luminous efficiency 100%.
 Luminaire luminous flux output:
 6,380 lm (L 1480) and 9,730 lm (L 2200)
 of which 79% direct and 21% indirect.
 Direct/indirect symmetric distribution,
 UGR <22 (EN 12464-1).
 Luminaire efficiency:
 113 lm/W (L 1480) and 116 lm/W (L 2200).
 Service life (L90/B10): 30,000 hours
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