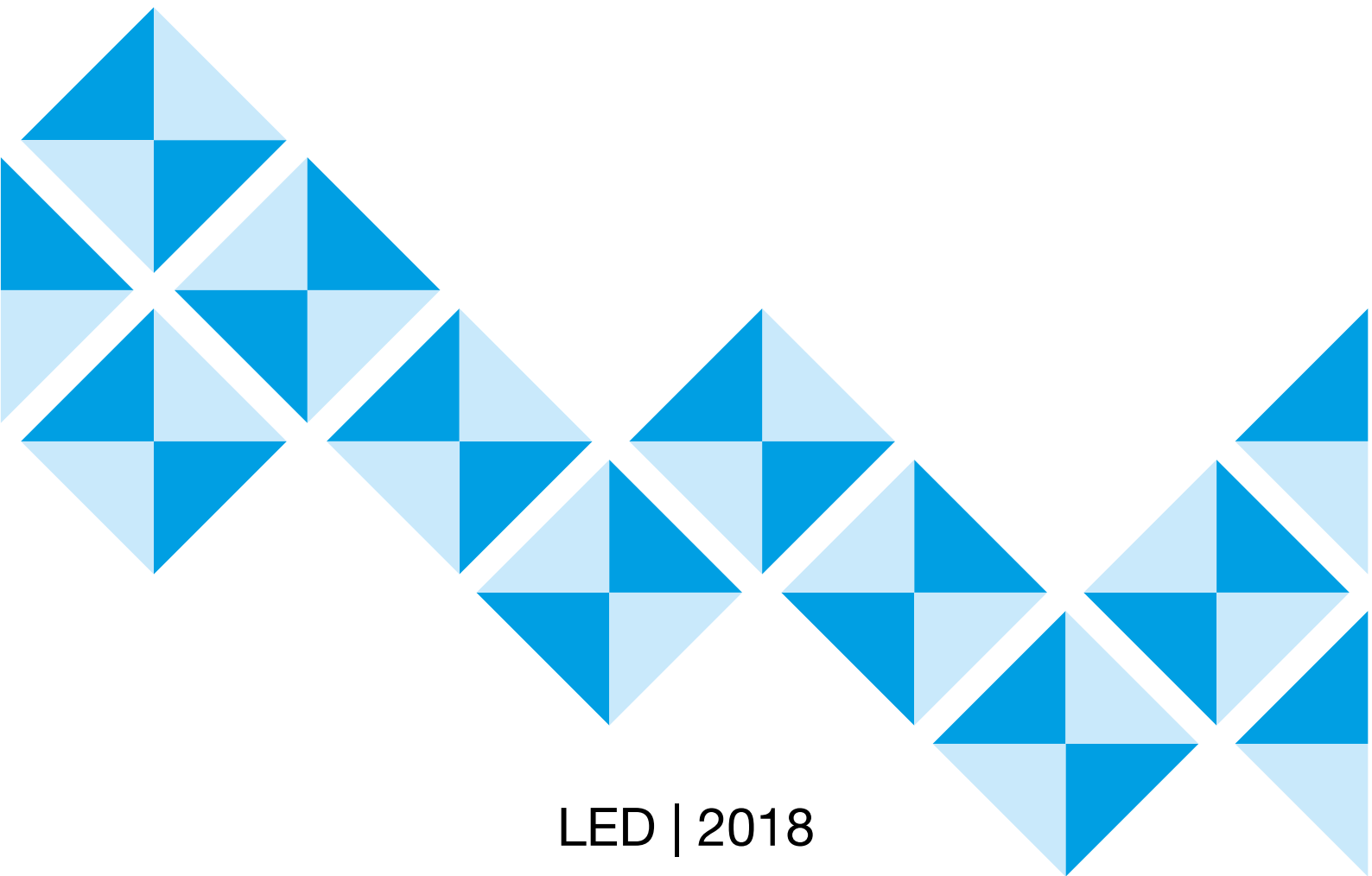


3F **Filippi**
illuminazione



LED | 2018

BETA A3F - I3F



Beta i3F 75-76 LED



Construction characteristics

Illuminotechnical characteristics

Wide or concentrated direct distribution.
 Lifetime (L90/B10): 30000 h. (tq+25°C)
 Lifetime (L85/B10): 50000 h. (tq+25°C)
 Lifetime (L75/B10): 80000 h. (tq+25°C)
 Photobiological safety RG0 unlimited, risk absent, in compliance with IEC 62471, IEC/TR 62778.

Mechanical characteristics

Single-piece housing in pressed steel, powder-coated in white epoxy-polyester. Oversized flux recuperator in specular aluminium, with titanium-magnesium surface treatment, non-iridescent.

Electrical characteristics

Electronic wiring 230V-50/60Hz.
 In compliance with EN 60598-1.
 EP maintained emergency wiring, 1hr duration with 24hrs recharge, fuse.
 In compliance with EN 60598-2-22.
 Entry for power-supply cable at one end cap, through M20x1,5 self-extinguishing nylon cable gland.

Source characteristics

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

On request

- LED sources with different colour temperatures
- different powers
- laminated glass
- wiring: dimmable, twin-circuit, class II
- safety snap-lock clips
- linear LED modules, with special protection against aggressive chemically-volatile substances, for standard LED technology

Accessories

Accessories on page 11.

Applications

Ambient temperature from -20°C to +35°C. Dry, dusty indoor environments, subject to occasional water splashes.

Industrial environments, warehouses, environments requiring safety luminaires, such as prisons, thanks to the clips that can be locked by bolts (on request). Environments in which it is necessary a total protection against falling fragments (eg environments with foodstuffs or machines with moving parts or with extreme temperature changes), use luminaires with laminated glass.

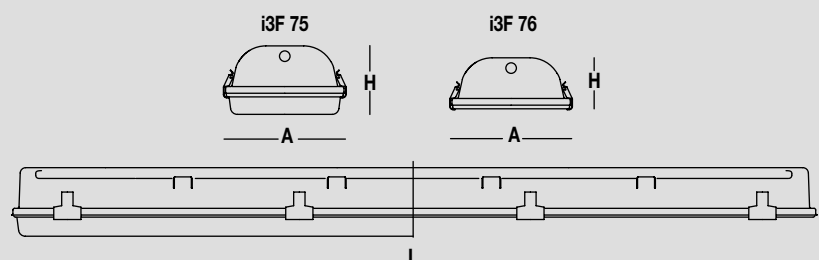
Tempered glass is not immune to falling fragments from harmless and caused by shocks or exceptionally derived from the tempering process.

Installation

Direct to ceiling, suspended, on busbar or wall-mounted.

For mounting hooks and brackets, see accessories.

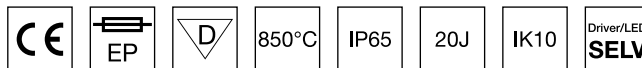
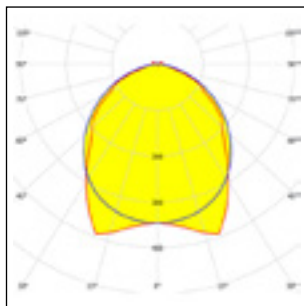
Dimensions



Beta i3F LED 75 PC Wide

Steel housing | Polycarbonate diffuser

Code 55600



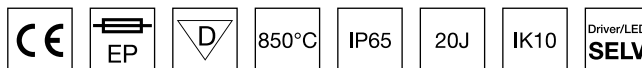
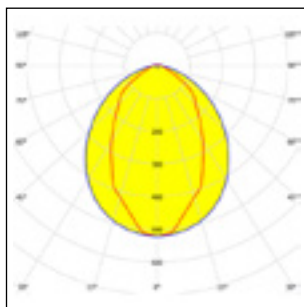
Wide distribution.
Polycarbonate screen etched internally, V2 self-extinguishing, UV stabilized, injection molded, sealing gasket, hinged opening. Stainless steel screen fixing clips.

Code	Item	Absorbed power (W)	Output flux (lm)	CCT (K)	CRI	Dimensions L x A x H
Electronic						
55596	i3F LED 752x12W AMPIO L655	30	3694	4000	>80	655x235x140
55598	i3F LED 752x24W AMPIO L1265	56	7399	4000	>80	1265x235x135
55600	i3F LED 752x30W AMPIO L1565	70	9259	4000	>80	1565x235x135
EP emergency, fuse						
55607	i3F LED 752x12W EP AMPIO L655	31	3694	4000	>80	655x235x140
55609	i3F LED 752x24W EP AMPIO L1265	57	7399	4000	>80	1265x235x135
55611	i3F LED 752x30W EP AMPIO L1565	71	9259	4000	>80	1565x235x135

Beta i3F LED 75 PC Concentrated

Steel housing | Polycarbonate diffuser

Code 55006



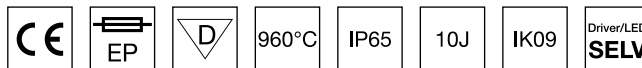
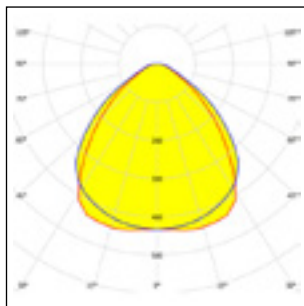
Concentrated distribution.
Polycarbonate screen etched internally, V2 self-extinguishing, UV stabilized, injection molded, sealing gasket, hinged opening. Stainless steel screen fixing clips.

Code	Item	Absorbed power (W)	Output flux (lm)	CCT (K)	CRI	Dimensions L x A x H
Electronic						
55006	i3F LED 752x30W CONC L1565	70	9146	4000	>80	1565x235x135
EP emergency, fuse						
55017	i3F LED 752x30W EP CONC L1565	71	9146	4000	>80	1565x235x135

Beta i3F LED 76 VS Wide

Steel housing | Moulded glass

Code 55138



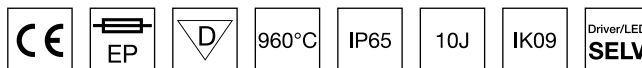
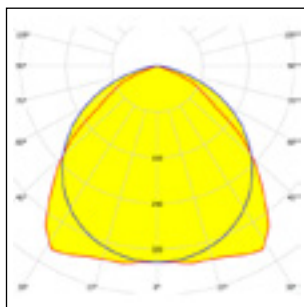
Wide distribution.
VS molded antiglare glass, non-combustible, monobloc perimetrical frame in galvanized steel, with sealing gasket, hinged opening.
Stainless steel screen fixing clips.

Code	Item	Absorbed power (W)	Output flux (lm)	CCT (K)	CRI	Dimensions L x A x H
Electronic						
55134	i3F LED 762x12W AMPIO VS L655	30	3354	4000	>80	655x235x110
55136	i3F LED 762x24W AMPIO VS L1265	56	6717	4000	>80	1265x235x105
55138	i3F LED 762x30W AMPIO VS L1565	70	8406	4000	>80	1565x235x105
EP emergency, fuse						
55145	i3F LED 762x12W EP AMPIO VS L655	31	3354	4000	>80	655x235x110
55147	i3F LED 762x24W EP AMPIO VS L1265	57	6717	4000	>80	1265x235x105
55149	i3F LED 762x30W EP AMPIO VS L1565	71	8406	4000	>80	1565x235x105

Beta i3F LED 76 VT Wide

Steel housing | Transparent glass

Code 55072



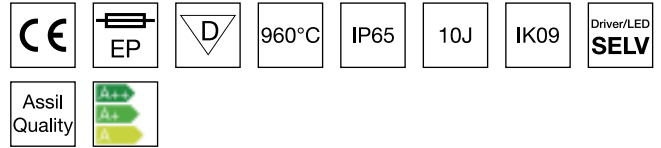
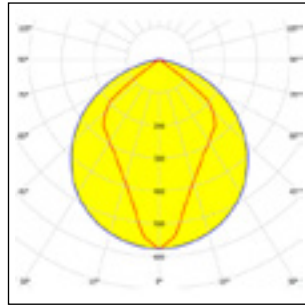
Wide distribution.
VT transparent glass, non-combustible, monobloc perimetrical frame in galvanized steel, with sealing gasket, hinged opening.
Stainless steel screen fixing clips.

Code	Item	Absorbed power (W)	Output flux (lm)	CCT (K)	CRI	Dimensions L x A x H
Electronic						
55072	i3F LED 762x30W AMPIO VT L1565	70	9310	4000	>80	1565x235x105
EP emergency, fuse						
55083	i3F LED 762x30W EP AMPIO VT L1565	71	9310	4000	>80	1565x235x105

Beta i3F LED 76 VT Concentrated

Steel housing | Transparent glass

Code 55666



Concentrated distribution.
VT transparent glass, non-combustible, monobloc perimetrical frame in galvanized steel, with sealing gasket, hinged opening. Stainless steel screen fixing clips.

Code	Item	Absorbed power (W)	Output flux (lm)	CCT (K)	CRI	Dimensions L x A x H
Electronic						
55666	i3F LED 762x30W CONC VT L1565	70	9361	4000	>80	1565x235x105
EP emergency, fuse						
55677	i3F LED 762x30W EP CONC VT L1565	71	9361	4000	>80	1565x235x105

Beta Ice LED



Construction characteristics

Illuminotechnical characteristics

Wide or concentrated direct distribution.
Lifetime (L90/B10): 30000 h. (tq+25°C)
Lifetime (L85/B10): 50000 h. (tq+25°C)
Photobiological safety RG0 unlimited, risk absent, in compliance with IEC 62471, IEC/TR 62778.

Mechanical characteristics

Single-piece housing in pressed aluminium, powder-coated in white epoxy-polyester.
Oversized flux recuperator in specular aluminium, with titanium-magnesium surface treatment, non-iridescent.
Gear-tray unit in hot-galvanized steel, painted in white polyester, fixed to the housing by means of "Ribloc" rapid devices in galvanized steel, hinged opening.
Mounting brackets and locking screen clips in stainless steel AISI 304.

Electrical characteristics

Electronic wiring 230V-50/60Hz, fuse.
In compliance with EN 60598-1.
Entry for power-supply cable at one end cap, through M20x1,5 self-extinguishing nylon cable gland.
L-N-E line terminal block with ceramic isolator protection powder-filled fuse, rapid type, 5x20 mm, of suitable capacity, breaking capacity 1500 A.
Solid single-core silicone rubber insulated wiring cable with fiberglass braid type UG4T2/2 cross section 0.75 mm².

Source characteristics

- Linear LED modules protected up to RH95 relative humidity.
- Color initial tolerance (MacAdam): SDCM 3.

On request

- linear LED modules, with special protection against aggressive chemically-volatile substances, for standard LED technology

Accessories

Accessories on page 11.

Applications

12W version

Ambient temperature from -30°C to +45°C.

24W, 30W versions

Ambient temperature from -35°C to +45°C.

60W version

Ambient temperature from -35°C to +25°C.

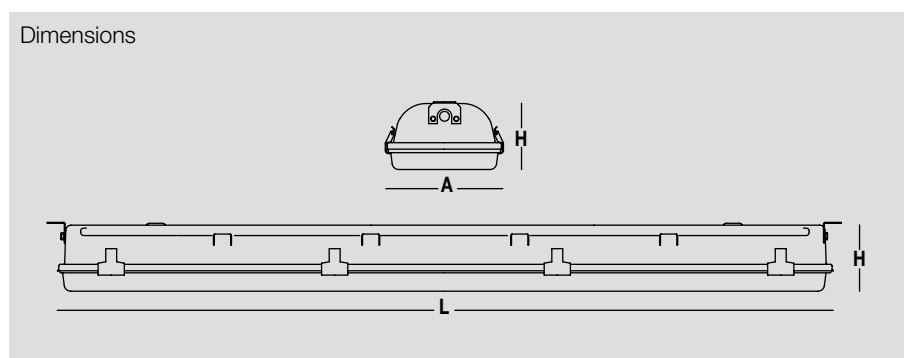
Before installation we recommend checking that there are no contraindications to the use of aluminium and polycarbonate inside the refrigeration cell.

Installation

By means of slotted corner brackets and stainless steel nuts and bolts.

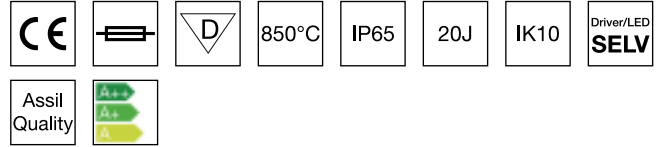
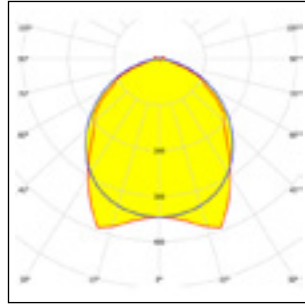
Beta Ice LED luminaires can be installed in environments with humidity rate up to 95%.

Dimensions



Beta Ice LED Wide

Code 53862



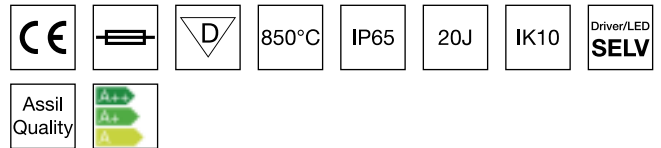
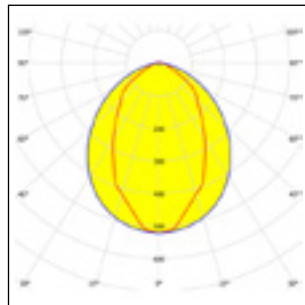
Wide distribution.

Polycarbonate screen etched internally, V2 self-extinguishing, UV stabilized, injection molded, sealing gasket, hinged opening. Galvanized steel screen fixing clips.

Code	Item	Absorbed power (W)	Output flux (lm)	CCT (K)	CRI	Dimensions L x A x H
Electronic						
53860	A3F Ice LED 902x12W UR95 AMPIO L655	30	3694	4000	>80	655x235x140
53861	A3F Ice LED 902x24W UR95 AMPIO L1265	56	7399	4000	>80	1265x235x135
53862	A3F Ice LED 902x30W UR95 AMPIO L1565	70	9259	4000	>80	1565x235x135
53863	A3F Ice LED 902x60W UR95 AMPIO L1565	140	17264	4000	>80	1565x235x135

Beta Ice LED Concentrated

Code 53867



Concentrated distribution.

Polycarbonate screen etched internally, V2 self-extinguishing, UV stabilized, injection molded, sealing gasket, hinged opening. Galvanized steel screen fixing clips.

Code	Item	Absorbed power (W)	Output flux (lm)	CCT (K)	CRI	Dimensions L x A x H
Electronic						
53867	A3F Ice LED 902x30W UR95 CONC L1565	70	9146	4000	>80	1565x235x135
53868	A3F Ice LED 902x60W UR95 CONC L1565	140	17572	4000	>80	1565x235x135

Kit LED Retrofit for Beta 2x



Construction characteristics

Illuminotechnical characteristics

Wide or concentrated direct distribution.
Lifetime (L90/B10): 30000 h. (tq+25°C)
Lifetime (L85/B10): 50000 h. (tq+25°C)
Lifetime (L75/B10): 80000 h. (tq+25°C)
Photobiological safety RG0 unlimited, risk absent, in compliance with IEC 62471, IEC/TR 62778.

Mechanical characteristics

Gear-tray in hot galvanized steel, painted in white polyester, to be fixed to the body by rapid devices "Ribloc".

2x40W version

PMMA lenses with external flat surface (superimposed to obtain full protection of LED modules).

For installations prior to 2010, the hinge opening is lost.

Electrical characteristics

Electronic wiring 230V-50/60Hz, constant output power.
In compliance with EN 60598-1.

Source characteristics

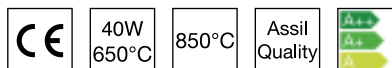
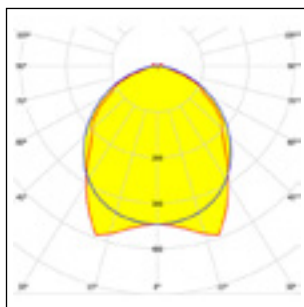
- Linear LED modules.
- Color initial tolerance (MacAdam): SDCM 3.

On request

- linear LED modules, with special protection against aggressive chemically-volatile substances, for standard LED technology
- retrofit Kit for luminaires of length 655mm (1-2x18W), power 1x36W - 1x58W, for Beta Stainless A3F 92-93, for Beta Ice 90
- wiring: dimmable, twin-circuit, different powers, emergency
- version with asymmetric lighting distribution
- wide flux recuperator to increase luminous flux by 5%
- LED modules, CCT nominal color temperature 6500 K

Kit LED Retrofit for polycarbonate diffuser

Code A5027

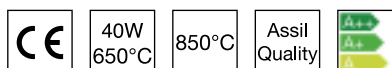
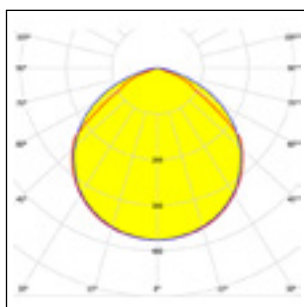


Wide or concentrated symmetric lighting distribution.
Flow recuperator in specular aluminium, with superficial titanium-magnesium treatment, non-iridescent (only for 2x22W CONCENTRATED version).
Internal transparent methacrylate lenses (only for 2x40W version).
Diffuser in self-extinguishing V2 polycarbonate, photo-engraved interior, UV stabilised, injection moulded, with smooth outer surface, sealing gasket.
The high output versions are NOT SELV.

Code	Item	Absorbed power (W)	Output flux (lm)	CCT (K)	CRI	Dimensions L x A x H
Version without recuperator - Driver/LED SELV - Electronic						
A5057	Kit LED i3F 75,A3F 90,A3F 92 - L1265 - 2x18W + PC	40	5867	4000	>80	1265x235x135
A5027 ^{NEW}	Kit LED i3F 75,A3F 90,A3F 92 - L1565 - 2x22W + PC	49	6901	4000	>80	1565x235x135
A5026	Kit LED i3F 75,A3F 90 - L1565 - 2x30W + PC	70	8704	4000	>80	1565x235x135
Version with CONCENTRATED recuperator - Driver/LED SELV - Electronic						
A5013 ^{NEW}	Kit LED i3F 75,A3F 90,A3F 92 - L1565 - 2x22W CONC + PC	49	7252	4000	>80	1565x235x135
High output version with WIDE lenses - Electronic						
A5215	Kit LED i3F 75,A3F 90 - L1565 - L 2x40W AMPIO + PC	84	11309	4000	>80	1565x235x135
High output version with CONCENTRATED lenses - Electronic						
A5217	Kit LED i3F 75,A3F 90 - L1565 - L 2x40W CONC + PC	84	11216	4000	>80	1565x235x135

Kit LED Retrofit for glass diffuser

Code A5120



Wide or concentrated symmetric lighting distribution.
Flow recuperator in specular aluminium, with superficial titanium-magnesium treatment, non-iridescent (only for 2x22W CONCENTRATED version).
Internal transparent methacrylate lenses (only for 2x40W version).
Glass diffuser is NOT included in the kit.
The high output versions are NOT SELV.

Code	Item	Absorbed power (W)	Output flux (lm)	CCT (K)	CRI	Dimensions L x A x H
Version without recuperator - Driver/LED SELV - Electronic						
A5148	Kit LED i3F 76,A3F 91,A3F 93 - L1265 - 2x18W	40	5470	4000	>80	1265x235x105
A5118 ^{NEW}	Kit LED i3F 76,A3F 91,A3F 93 - L1565 - 2x22W	49	6844	4000	>80	1565x235x135
A5117	Kit LED i3F 76,A3F 91 - L1565 - 2x30W	70	8632	4000	>80	1565x235x105
Version with CONCENTRATED recuperator - Driver/LED SELV - Electronic						
A5104 ^{NEW}	Kit LED i3F 76,A3F 91,A3F 93 - L1565 - 2x22W CONC	49	7423	4000	>80	1565x235x135
High output version with WIDE lenses - Electronic						
A5210	Kit LED i3F 76,A3F 91 - L1565 - L 2x40W AMPIO	84	11189	4000	>80	1565x235x105
High output version with CONCENTRATED lenses - Electronic						
A5212	Kit LED i3F 76,A3F 91 - L1565 - L 2x40W CONC	84	11283	4000	>80	1565x235x105

Anti-glare moulded glass



960°C

10J

IK09

Anti-glare moulded glass, noncombustible, tempered, locked to the single-piece galvanized steel perimeter frame, sealing gasket. For installations prior to 2010, the hinge opening is lost. On request: versions with stainless steel frame for Beta 2x A3F91 - A3F93.

Code	Item
A5184	Printed glass Beta 2x i3F 76 - L1565
A5185	Printed glass Beta 2x i3F 76 - L1265

Beta A3F - i3F

Accessories



Pair of mounting brackets and hooks for wall-mounting, with nuts and bolts for luminaire fastening, everything in stainless steel.

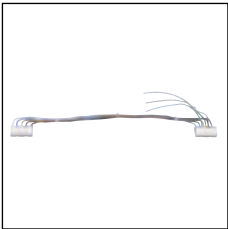
Code	Item
A0503	15 CD (pair of bracket and hooks A3F) The pack contains 2 pieces.



Pair of steel hooks for suspended installation, with nuts and bolts for luminaire fastening.

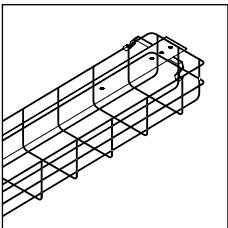
Code	Item
A0500	13 DH (pair of susp. galvanised steel hooks i3F) The pack contains 2 pieces.
A0501	13 HC (pair of susp. stainless steel hooks A3F) The pack contains 2 pieces.

In case of chain suspension installation, ALWAYS use one of the following codes: A0653.



5-pole cascade connection line, stiff cable H07 V2-U, HT 90°C, 1.5 mm², terminal blocks with connection capacity 2x2.5 mm².

Code	Item
A0508	20 TKA (casc. conn. line i3F/A3F 1265)
A0509	20 ZFE (casc. conn. line i3F/A3F 1565)



Wire-guard for applications in dry environments, against shocks coming from any directions, galvanized steel rod Ø 5 mm.

Code	Item
A0457	Wire guard 280x1330 03F/Linda/Beta
A0458	Wire guard 280x1630 03F/Linda/Beta

Only for luminaires fixed without hooks.



Anti-condensation diffuser cable gland.

Code	Item
A0187	Anti-condensation cable gland

Recommended for installations in environments with temperature sudden changes or subject to condensation.



Snap hooks clips for chain suspension, galvanized steel.

Code	Item
A0653	Couple of fixing carabiniers for chain installation The pack contains 2 pieces.



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3F **Filippi**
illuminazione

Web www.3F-Filippi.com
E-mail export@3f-filippi.it
Telephone +39 051 652 9611
Fax +39 051 775 884

Head office and factory

Via del Savena 28, Z.I. Piastrella
40065 Pian di Macina, Pianoro (Bologna), Italy
Tax Code. 01033260371 - VAT no. IT00529461204
Share Capital € 3,000,000 fully paid up
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