

# Clean lines, compact and solid. Like always.

Patented

3F Linda has become famous for its soft and smooth lines, its patented snug fit snap-lock clips, its compact egg-shaped housing (110 millimetres maximum in the case of ceiling installation with brackets), its internal reinforcement structure and its elastic, shatterproof polycarbonate diffuser.

Thanks to its flexibility, it finds applications in residential, commercial and even food industry environments (IFS, HACCP and BRC certification).

3F Linda is available in three different lengths (600, 1200 and 1500 mm) with different power and luminous flux levels, and with both housing widths (100 millimetres and 160 millimetres).

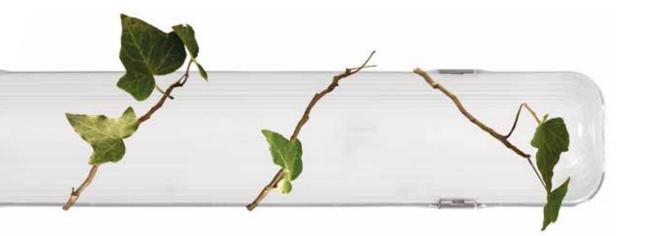
Its efficient electronic wiring decreases power consumption and start-up times.

Thanks to the photo-etched diffuser, 3F Linda is now even higher-performance and economical, with improved diffusion and softer light, and increased visual comfort.

# Efficient and ecological. For you, for the world.

3F Linda shows off the best of 3F Filippi's design philosophy in looking for the best production solutions which respect the environment and lead to a reduction in materials and energy across the whole of the product's life cycle, by:

- Reducing power consumption and increasing the efficiency of our products thanks to the introduction of intelligent electronic wiring, high-efficiency sources and optimisation of the distribution of the luminous flux, thanks also to the possibility of installing flow recuperators.
- Limited use of different materials in order to facilitate the assembly, installation and recycling phases: only polycarbonate (body, diffuser, clips), aluminium or steel (flow recuperator, gear tray and stainless-steel clips) and the copper in the wires (completely removable) are used in 3F Linda.
- Moreover, connection between components are all reversible and use completely recyclable materials, facilitating disassembly and disposal of the product at the end of its lifetime.
- Recyclable green packaging, like all of 3F Filippi's products, in recycled cardboard.
- Reduced ecological footprint, with products manufactured with energy from PV solar panels and product handling following a "zeromile" philosophy.
- Installation compatibility with previous versions: the new 3F Linda integrates perfectly in all environments, becoming the perfect solution to update existing installations thanks to its full compatibility with the previous fluorescent version in terms of its size and accessories.
- Reuse of these elements means that less energy is used to create new products and accessories for adaption of previous installations.
- Installation is quick and safe thanks to the fixing brackets made entirely of metal (both the internal and external part); the weight is distributed optimally.
- For installations with direct exposure to sunlight, use of the "Beta 235" or "Beta A3F i3F" product is recommended.
- The sliding quick connection bracket can also be adjusted to suit the thermal expansion of the luminaire even in environments with a notable temperature range. The set of three fixing brackets is supplied with each luminaire.
- 3F Linda is a luminaire with Fire Reaction Class 1 as per Italian Ministerial Decree of 24 June 1984 (Classification of reaction to fire and type-approval of materials for fire-prevention purposes).
- This classification meets the requirements of Italian Ministerial Decrees of 11 January 1988 (Fire-prevention standards in subways) and of 28 October 2005 (Safety in railway tunnels).





# **3F Linda**

# Product range

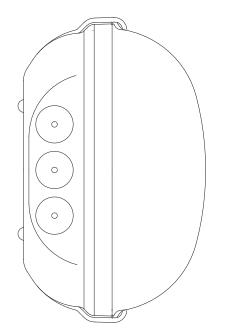
3F Linda is available in the following versions: 3F Linda Fluo 3F Linda Fluo Trasparente

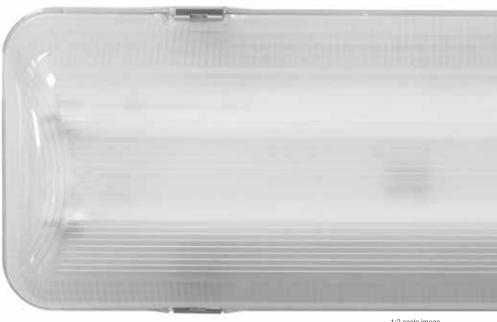
3F Linda is available with two different body widths:

**3F Linda** 100 mm



**3F Linda** 160 mm





# Installation Details

3F Linda allows for quick and safe installation with various fixing methods.



# **3F Linda Fluo**



### Construction characteristics

#### Illuminotechnical characteristics

Diffused symmetric distribution. Using the flux recuperators (see accessories), it is possible to obtain wide to concentrated and asymmetric lighting distribution to meet any installation requirement.

#### **Mechanical characteristics**

Self-extinguishing V2 polycarbonate housing, injection moulded, RAL 7035 grey. Ecologic anti-aging injected sealing gasket.

Diffuser in self-extinguishing V2 polycarbonate, photo-engraved interior, UV stabilised, injection moulded with smooth outer surface.

Gear-tray reflector unit in hot-galvanised steel, painted in white polyester, fixed to the housing by means of steel rapid devices, hinged opening.

Snug fit safety snap-lock clips for diffuser mounting in stainless steel, screwdriver opening.

Stainless steel fixing brackets, 11W versions excluded.

#### Source characteristics

• 11W compact fluorescent lamps or T5 lamps, mounted (3F Linda T5 MultiWatt series excluded).

### On request

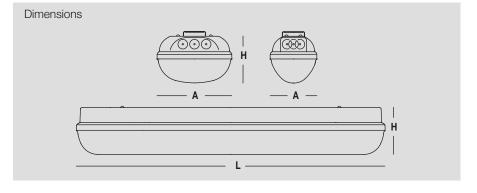
- wiring: dimmable, twin-circuit, class II, emergency wiring for T5, emergency inhibition
- luminaires with electronic wiring, in compliance with 94/9/CE (ATEX) standard, group II, category 3D, for Zone 22
- single-lamp luminaire 160 mm wide

### Accessories

Accessories on page 170.

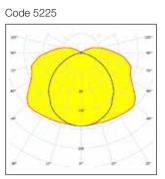
### Applications

Dry, dusty indoor environments, subject to occasional water splashes. Virtually in all environments compatibly with the use of any chemicals which could compromise the use of plastic materials. Not suitable in environments where chlorine fumes, ligroin, hydrocarbon mixtures, mineral oil vapours or fumes of lubricating emulsions to cool down machine tools are present. Not suitable for installation on surfaces subject to important vibrations, exposed to weather conditions, on ropes or poles. For specific applications please contact our technical offices.



## **3F Linda Inox Electronic**







EEI A2 electronic wiring, 230V-50/60Hz, lamp warm start. Snug fit snap-lock clips in stainless steel. Fixing brackets in stainless steel.

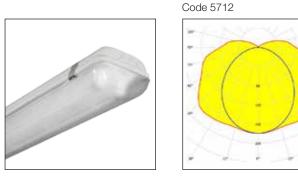
		E>70%		
Code	Item	Absorbed power (W)	Sources flux (lm)	Dimensions L x A x H
EEI A2 el	ectronic wiring - Lamps not included			
5220	3F Linda Inox 1x18 HF	19	1350	660x100x100
5223	3F Linda Inox 2x18 HF	35	2700	660x160x100
5221	3F Linda Inox 1x36 HF	36	3350	1270x100x100
5222	3F Linda Inox 1x58 HF	55	5200	1570x100x100
5224	3F Linda Inox 2x36 HF	71	6700	1270x160x100

10400

109

## 3F Linda Inox T5

5225



3F Linda Inox 2x58 HF

E>78%



1570x160x100

EEI A2 electronic wiring, 230V-50/60Hz, lamp warm start. Snug fit snap-lock clips in stainless steel. Fixing brackets in stainless steel.

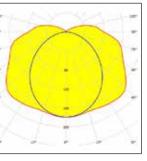
Concentrated flux recuperator, in specular aluminium with titanium-magnesium surface treatment, non-iridescent, high efficiency, pre-mounted in 1x80 T5 HF code 5720 for environments with considerable height, warehouse aisles or for high localised illumination.

Code	Item	Absorbed power (W)	Sources flux (Im)	CCT (K)	CRI	Dimensions L x A x H			
EEI A2 electronic wiring - Pre-mounted lamps									
5700	3F Linda Inox 1x14 T5 HF	16	1200	4000	>80	660x100x100			
5707	3F Linda Inox 2x14 T5 HF	31	2400	4000	>80	660x160x100			
5702	3F Linda Inox 1x28 T5 HF	31	2600	4000	>80	1270x100x100			
5704	3F Linda Inox 1x35 T5 HF	38	3300	4000	>80	1570x100x100			
5705	3F Linda Inox 1x49 T5 HF	53	4300	4000	>80	1570x100x100			
5709	3F Linda Inox 2x28 T5 HF	60	5200	4000	>80	1270x160x100			
5706	3F Linda Inox 1x80 T5 HF	86	6150	4000	>80	1570x100x100			
5711	3F Linda Inox 2x35 T5 HF	76	6600	4000	>80	1570x160x100			
5712	3F Linda Inox 2x49 T5 HF	106	8600	4000	>80	1570x160x100			
Single-lan	p version 160 mm wide, CONCENTRATI	ED flow recupe	rator - EEI A2 electr	onic wi	ring -	Pre-mounted lamps			
5720	3F Linda Inox 1x80 T5 HF LA CONC	86	6150	4000	>80	1570x160x100			

# **3F Linda Fluo** 3F Linda Inox T5 MultiWatt

Code 5772





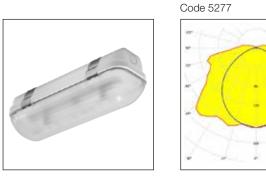


EEI A2 Multiwatt electronic wiring, 230V-50/60Hz, lamp warm start.

Snug fit snap-lock clips in stainless steel. Fixing brackets in stainless steel.

E>78% Code Item Absorbed Sources Dimensions power (W) flux (Im) LxAxH Electronic MultiWatt EEI A2 - Lamps not included 3F Linda Inox 1x28-54 T5 HF 5768 31-58 2600-4450 1270x100x100 5769 3F Linda Inox 1x35-49-80 T5 HF 38-53-86 3300-4300-6150 1570x100x100 1570x160x100 5772 3F Linda Inox 2x35-49 T5 HF 76-106 6600-8600

## **3F Linda Compact**



<b>(</b>	850°C	IP65	6,5J	<b>I</b> K08	
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EEI A2 electronic wiring, 230V-50/60Hz, lamp warm start. Snug fit snap-lock clips in stainless steel.

Supplied in a package of:

• 12 pieces for 3F Linda 1x11C (housing width 100 mm)

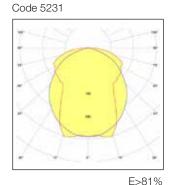
 8 pieces for 3F Linda 1x11C LA - 2x11C (housing width 160 mm)

#### E>70%

Code	ltem	Absorbed power (W)	Sources flux (Im)	CCT CRI Dimensions (K) L x A x H				
EEI A2 electronic wiring - Pre-mounted lamps								
5275	3F Linda Inox 1x11C HF	12	900	4000 >80 300x100x100				
5276	3F Linda Inox 1x11C HF LA	12	900	4000 >80 300x160x100				
5277	3F Linda Inox 2x11C HF	23	1800	4000 >80 300x160x100				

## **3F Linda Fluo Emergency EP**





<b>CE</b> = 8	50°C IP65	6,5J	IK08
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Wiring with emergency lighting system (Industrial version, high flux, 15%), 1h duration, 24h recharge.

In compliance with EN 60598-2-22.

EP version with maintained operation. Versions Industria and CONC are provided with concentrated flux recuperator.

Fixing brackets in stainless steel.

Emergency luminous flux on page 241.

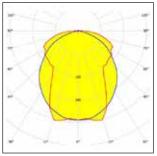
Pictograms for warning signs available (accessories on page #CG031#).

Code	Item	Absorbed power (W)	Sources flux (Im)	CCT (K)	CRI	Dimensions L x A x H				
Snug fit snap-lock clips in stainless steel - EEI A2 electronic wiring, EP emergency, fuse - Lamps not included										
5265	3F Linda Inox 1x18 HF EP	19	1350			660x160x100				
5254	3F Linda Inox 2x18 HF EP	35	2700			660x160x100				
5252	3F Linda Inox 1x36 HF EP	36	3350			1270x100x100				
5253	3F Linda Inox 1x58 HF EP	55	5200			1570x100x100				
5255	3F Linda Inox 2x36 HF EP	71	6700			1270x160x100				
5256	3F Linda Inox 2x58 HF EP	109	10400			1570x160x100				
Snug fit s	nap-lock clips in stainless steel - EEI A2	electronic wi	ring, EP emergei	ncy, fuse - Pre	-mo	unted lamps				
5267	3F Linda Inox 1x11C HF LA EP	12	900	4000	>80	300x160x100				
5268	3F Linda Inox 2x11C HF EP	23	1800	4000	>80	300x160x100				
5741	3F Linda Inox 1x49 T5 HF EP	53	4300	4000	>80	1570x100x100				
5764	3F Linda Inox 1x80 T5 HF LA EP CONC	86	6150	4000	>80	1570x160x100				
5749	3F Linda Inox 2x49 T5 HF EP	106	8600	4000	>80	1570x160x100				

## **3F Linda Fluo Emergency ENP**







CE	╼	850°C	IP65	6,5J	IK08	
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Wiring with emergency lighting system (Industrial version, high flux, 15%), 1h duration, 24h recharge. In compliance with EN 60598-2-22. ENP version with not maintained operation. Fixing brackets in stainless steel. Snug fit snap-lock clips in stainless steel. Emergency luminous flux on page 241.

Code	Item	Sources flux (lm)	CCT (K)	CRI	Dimensions L x A x H					
ENP emergency, fuse - Lamps not included										
5235	3F Linda 1x18 ENP	297			660x160x100					
5245	3F Linda Inox 1x18 ENP	297			660x160x100					
5237	3F Linda 1x36 ENP	520			1270x100x100					
5230	3F Linda Industria 1x58 ENP	780			1570x160x100					
ENP emerg	ENP emergency, fuse - Pre-mounted lamps									
5257	3F Linda 1x11C ENP	135	4000	>80	300x160x100					
5259	3F Linda 1+1x11C ENP	135	4000	>80	300x160x100					

E>81%

# **3F Linda Fluo HS**



### Construction characteristics

#### Illuminotechnical characteristics

Diffused symmetric distribution. Using the flux recuperators (see accessories), it is possible to obtain wide to concentrated and asymmetric lighting distribution to meet any installation requirement.

#### **Mechanical characteristics**

Body and screen in polycarbonate with additional protective treatment for use in environments with aggressive substances. Ecologic anti-aging injected sealing gasket.

Diffuser in self-extinguishing V2 polycarbonate, photo-engraved interior, UV stabilised, injection moulded with smooth outer surface.

Gear-tray reflector unit in hot-galvanised steel, painted in white polyester, fixed to the housing by means of steel rapid devices, hinged opening.

Snug fit safety snap-lock clips for diffuser mounting in stainless steel, screwdriver opening.

Fixing brackets in stainless steel.

### Source characteristics

• T5 fluorescent lamps, mounted.

#### On request

- wiring: dimmable, twin-circuit, class II, emergency wiring for T5, emergency inhibition
- Iuminaires with electronic wiring, in compliance with 94/9/CE (ATEX) standard, group II, category 3D, for Zone 22
- single-lamp luminaire 160 mm wide

### Accessories

Accessories on page 170.

### Applications

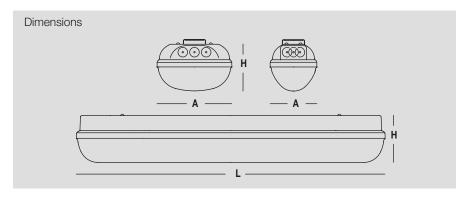
Dry, dusty indoor environments, subject to occasional water splashes. Product suitable for installation in foodproduction/processing environments (HACCP, IFS, BRC Standard). Virtually in all environments compatibly with the use of any chemicals which could compromise the use of plastic materials. Not suitable for installation on surfaces subject to important vibrations, exposed to weather conditions, on ropes or poles.

Luminaire resistant to the following

**substances:** Ethyl alcohol (24 hours 20°C), aqueous detergents, hydrochloric acid 10% (leaves slight mark), DOT4 brake oil, sulphuric acid (leaves slight mark), ammonia.

When using this data, remember that it is the result of laboratory tests, and therefore valid only under those test conditions: the data is to be considered approximate and, in the absence of practical experience, it is advisable to carry out tests under actual operating conditions.

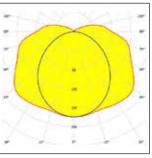
Please refer to the resistance to corrosive substances table on page 245. The temperature and concentration of a chemical substance may significantly affect its compatibility with materials. For specific applications please contact our technical offices.



## **3F Linda Fluo HS**









EEI A2 electronic wiring, 230V-50/60Hz, lamp warm start. In compliance with EN 60598-1. Body and screen in polycarbonate with additional protective treatment for use in environments with aggressive substances.

Snug fit snap-lock clips in stainless steel. Fixing brackets in stainless steel.

#### E>78% Code Item CCT CRI Dimensions Absorbed Sources power (W) flux (Im) LxAxH (K) EEI A2 electronic wiring - Pre-mounted lamps 53934 3F Linda HS 1x49 T5 LD HF 4300 53 4000 >80 1570x100x100 3F Linda HS 2x49 T5 LD HF 53956 106 8600 4000 >80 1570x160x100

# **3F Linda Fluo Transparent**



### Construction characteristics

#### Illuminotechnical characteristics

Direct-indirect diffused symmetric distribution.

**UGR19 version** UGR <19.

Average luminance <3000 cd/m<sup>2</sup> for radial angles >65°.

#### **Mechanical characteristics**

Housing in transparent self-extinguishing V2 polycarbonate, injection moulded. Ecologic anti-aging injected sealing gasket.

Diffuser in self-extinguishing V2 polycarbonate, photo-engraved interior, UV stabilised, injection moulded with smooth outer surface.

Gear-tray reflector unit with reduced width to increase the indirect light, in hotgalvanised steel, painted in white polyester, fixed to the housing by means of steel rapid devices, hinged opening. Snug fit safety snap-lock clips for diffuser mounting in stainless steel, screwdriver opening.

Stainless steel fixing brackets, 11W versions excluded.

#### **Electrical characteristics**

EEI A2 electronic wiring, 230V-50/60Hz, lamp warm start. In compliance with EN 60598-1. Cascade connection line (available as accessory).

#### Source characteristics

• T5 or 11W compact fluorescent lamps, mounted.

#### On request

- wiring: dimmable, emergency
- Iuminaires with electronic wiring, in compliance with 94/9/CE (ATEX) standard, group II, category 3D, for Zone 22
- 1x-2x 35W T5 versions
- 3F Linda Inox UGR19 luminaires with self-extinguishing V2 polycarbonate housing, injection moulded, RAL 7035 grey

#### Accessories

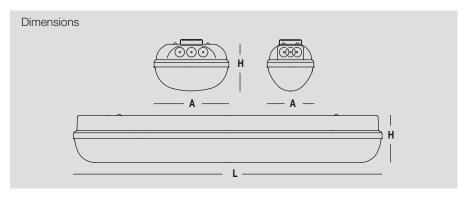
Accessories on page 170.

### Applications

Drv. dustv indoor environments, subject to occasional water splashes. Environments: transit areas, parking lots. Environments where soft diffuse light is required for optimal visual comfort. Virtually in all environments compatibly with the use of any chemicals which could compromise the use of plastic materials. Not suitable in environments where chlorine fumes, ligroin, hydrocarbon mixtures, mineral oil vapours or fumes of lubricating emulsions to cool down machine tools are present. Neither version suitable for installation on surfaces subject to significant vibrations, exposed to the elements, on cables or poles.

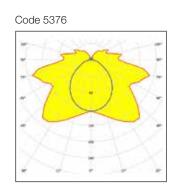
UGR19 version

Environments with VDTs. Environments where demanding visual tasks are performed and comfortable lighting is required.



## **3F Linda Transparent T5**







Snug fit snap-lock clips in stainless steel. Fixing brackets in stainless steel.

		E>79%							
Code	Item	Absorbed power (W)	Sources flux (lm)	CCT (K)	CRI	Dimensions L x A x H			
EEI A2 electronic wiring - Pre-mounted lamps									
5361	3F Linda Trasparente 1x14 T5 HF	16	1200	4000	>80	660x100x100			
5363	3F Linda Trasparente 1x28 T5 HF	31	2600	4000	>80	1270x100x100			
5365	3F Linda Trasparente 1x49 T5 HF	53	4300	4000	>80	1570x100x100			
5374	3F Linda Trasparente 2x28 T5 HF	60	5200	4000	>80	1270x160x100			
5376	3F Linda Trasparente 2x49 T5 HF	106	8600	4000	>80	1570x160x100			

## 3F Linda Transparent T8

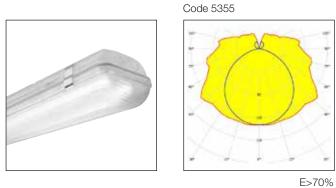


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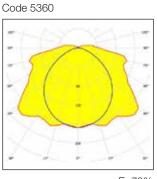
Snug fit snap-lock clips in stainless steel. Fixing brackets in stainless steel.

Code	ltem	Absorbed power (W)	Sources flux (lm)	Dimensions L x A x H					
EEI A2 electronic wiring - Lamps not included									
5350	3F Linda Trasparente 1x18 HF	19	1350	660x100x100					
5351	3F Linda Trasparente 1x36 HF	36	3350	1270x100x100					
5352	3F Linda Trasparente 1x58 HF	55	5200	1570x100x100					
5354	3F Linda Trasparente 2x36 HF	71	6700	1270x160x100					
5355	3F Linda Trasparente 2x58 HF	109	10400	1570x160x100					

# **3F Linda Fluo Transparent**

**3F Linda Transparent Compact** 



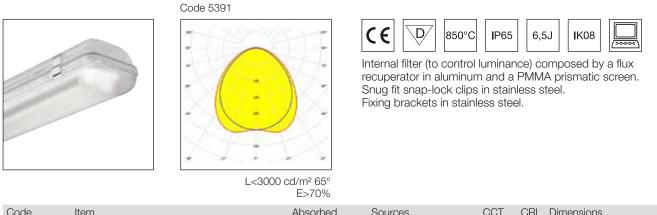




Snug fit snap-lock clips in stainless steel.

		E>70%							
Code	Item	Absorbed power (W)	Sources flux (lm)	CCT (K)	CRI	Dimensions L x A x H			
EEI A2 ele	EEI A2 electronic wiring - Pre-mounted lamps								
5358	3F Linda Trasparente 1x11C HF LA	12	900	4000	>80	300x160x100			
5359	3F Linda Trasparente 1x11C HF	12	900	4000	>80	300x100x100			
5360	3F Linda Trasparente 2x11C HF	23	1800	4000	>80	300x160x100			

## 3F Linda Transparent UGR19



Code	item	power (W)	flux (Im)	(K)	L x A x H		
EEI A2 electronic wiring - Pre-mounted lamps							
5391	3F Linda Trasparente 2x35 T5 LD HF UGF	R19 76	6600	4000 >80	0 1570x160x100		



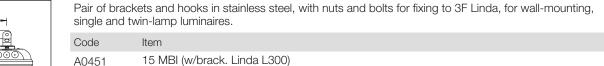
# **3F Linda** Accessories

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148

Pair of brackets and hooks in stainless steel, with nuts and bolts for fixing to 3F Linda, for ceiling or wallmounting, single and twin-lamp luminaires. Minimum tilt angle = 45°. Code Item A0449 15 GZI (w/brack. Linda L300)

	A0449	The pack contains 2 pieces.
	A0450	15 RIT (w/brack.+ hooks Linda L660-1270-1570) The pack contains 2 pieces.

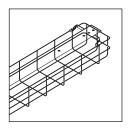


	A0451	15 MBI (w/brack. Linda L300) The pack contains 2 pieces.
	A0452	15 FBR (w/brack.+ hooks Linda L660-1270-1570) The pack contains 2 pieces.



Pair of stainless steel hooks for suspended installation, with cable clip and nuts and bolts for installation to 3F Linda.

Code	Item
A0462	13 GSI (pair of susp. hooks Linda L300) The pack contains 2 pieces.
A0463	13 TRM (pair of susp. hooks Linda L660-1270-1570) The pack contains 2 pieces.



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

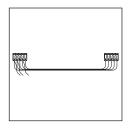
	Code	Item
	A0455	Wire guard 180x1330 03F/Linda
	A0456	Wire guard 180x1330 03F/Linda
	A0457	Wire guard280x1330 03F/Linda/Beta
	A0458	Wire guard 280x1630 03F/Linda/Beta

Only for luminaires fixed without hooks.



Snug fit snap-lock clips for diffuser mounting, in stainless steel, safety opening.

Code	Item
A0160	Inox clips 3F Linda L660-4pcs The pack contains 4 pieces.
A0161	Inox clips 3F Linda L1270-8pcs The pack contains 8 pieces.
A0162	Inox clips 3F Linda L1570-10pcs The pack contains 10 pieces.



5-pole cascade connection line, rigid H07V2-U cable, HT 90°C, 1.5 mm<sup>2</sup>, terminal blocks with connection capacity 2x2.5 mm<sup>2</sup>.

Code	Item
A0447	3F Linda though line L1570

For all 3F Linda, except models: Transparent.



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.

Pictograms for warning signs to be applied on emergency luminaire's diffusers 160 mm wide. Pictogram, 135 mm high, 240 mm long for L300 luminaires, 605 mm long for L660 luminaires. Pictograms complying with European standards concerning health and safety signals on the workplace.

Code	Item
A0464	26 CSG (pictogram P1 Linda L300)
A0465	26 MTH (pictogram P1 Linda L660)



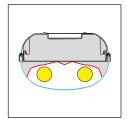
Pictograms for warning signs to be applied on emergency luminaire's diffusers 160 mm wide. Pictogram, 135 mm high, 240 mm long for L300 luminaires, 605 mm long for L660 luminaires. Pictograms complying with European standards concerning health and safety signals on the workplace.

Code	Item
A0466	26 DVI (pictogram P2 Linda L300)
A0467	26 MVL (pictogram P2 Linda L660)



Pictograms for warning signs to be applied on emergency luminaire's diffusers 160 mm wide. Pictogram, 135 mm high, 240 mm long for L300 luminaires, 605 mm long for L660 luminaires. Pictograms complying with European standards concerning health and safety signals on the workplace.

Code	Item
A0468	26 GZM (pictogram P3 Linda L300)
A0469	26 PXN (pictogram P3 Linda L660)



Parabolic flow recuperator for WIDE direct distribution, for luminaires 160 mm wide. T8 - Flux recuperator in high-reflecting aluminium. T5 - Flux recuperator in specular aluminium, high-efficiency, with titanium-magnesium surface treatment, non-iridescent.

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Code	Item
A0400	16 CLE (wide recup.Linda 2x18)
A0401	16 MRA (wide recup. Linda 2x36)
A0402	16 GPA (wide recup. Linda 2x58)
A0670	16 PSG ( wide recup. Linda 2x14 T5 )
A0671	16 RTA (wide recup. Linda 2x28 T5)
A0672	16 BMT (wide recup. Linda 2x35-49 T5)

# **3F Linda** Accessories



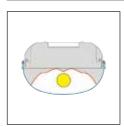
Parabolic flow recuperator for SUPER-WIDE distribution, for luminaires 160 mm wide. T8 - Flux recuperator in high-reflecting aluminium. T5 - Flux recuperator in specular aluminium, high-efficiency, with titanium-magnesium surface treatment, non-iridescent.

Code	Item
A0406	16 HZD (super wide. recup. Linda 2x18)
A0407	16 NBH (super wide. recup. Linda 2x36)
A0408	16 PCL (super wide. recup.Linda 2x58
A0673	16 ALN (s. wide recup. Linda 2x14 T5 )
A0674	16 FGP (s. wide recup. Linda 2x28 T5)
A0675	16 VBC (s. wide recup. Linda 2x35-49 T5 )



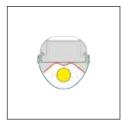
Parabolic flow recuperator for CONCENTRATED direct distribution, for luminaires 160 mm wide. T8 - Flux recuperator in high-reflecting aluminium. T5 - Flux recuperator in specular aluminium, high-efficiency, with titanium-magnesium surface treatment, non-iridescent.

Code	Item
A0412	16 DRI (conc. recup.L 2x18)
A0413	16 REC (conc. recup.Linda 2x36)
A0414	16 LZC (conc. recup.Linda 2x58)
A0676	16 CZA (conc. recup.Linda 2x14 T5)
A0677	16 TLS (conc. recup.Linda 2x28 T5)
A0678	16 GHR (conc. recup. Linda 2x35-49 T5)



Parabolic flow recuperator for CONCENTRATED direct distribution, for luminaires 160 mm wide. T8 - Flux recuperator in high-reflecting aluminium.

Code	Item
A0418	16 EFG (conc. recup.Linda LA 1x18)
A0419	16 QST (conc. recup.Linda LA 1x36)
A0420	16 ATB (conc.recup. Linda LA 1x58)



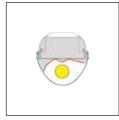
Flow recuperator for CONCENTRATED direct distribution, for luminaires 100 mm wide. T8 - Flux recuperator in high-reflecting aluminium. T5 - Flux recuperator in specular aluminium, high-efficiency, with titanium-magnesium surface treatment, non-iridescent.

Code	Item
A0424	16 SNN (conc. recup.Linda 1x18)
A0425	16 THO (conc. recup.Linda 1x36)
A0426	16 UIP (conc. recup.Linda 1x58)
A0682	16 ZRB (conc. recup.Linda 1x14 T5)
A0683	16 UCL (conc. recup.Linda 1x28 T5)
A0684	16 EDW (conc. recup.Linda 1x35-49-80 T5)



Parabolic flow recuperator for ASYMMETRIC direct distribution, for luminaires 160 mm wide. T8 - Flux recuperator in high-reflecting aluminium.

Code	Item
A0430	16 FAS (asym. rec. Linda LA 1x18)
A0431	16 GDM (asym. rec. Linda LA 1x36)
A0432	16 BZF ( asym. rec. Linda LA 1x58)



Flow recuperator for ASYMMETRIC direct distribution, for luminaires 100 mm wide. T8 - Flux recuperator in high-reflecting aluminium. T5 - Flux recuperator in specular aluminium, high-efficiency, with titanium-magnesium surface treatment, non-iridescent.

Code	Item
A0436	16 VMR (asym. recup. Linda 1x18)
A0437	16 ZOQ (asym. recup. Linda 1x36)
A0438	16 XGS (asym. recup. Linda 1x58)
A0688	16 KXH (asym. recup. Linda 1x14 T5)
A0689	16 NQE (asym. recup. Linda 1x28 T5)
A0690	16 WAZ ( asym. rec. Linda 1x35-49-80 T5)