

EXLUX Linear Luminaire for Fluorescent Lamps

Series 6001

STAHL



- Can be used in Zone 1, 2, 21 and 22
- Extremely robust: Impact strength rating of IK10

E2

WebCode 6001A



The 6001 EXLUX luminaire is suited to normal lighting applications in almost any facility. In no time at all and with very little effort, using the accessories it can be fitted to the wall, ceiling or a pole, or alternatively, it can be suspended. The practical central lock has a safety switch that disconnects the power supply at all poles when the plastic enclosure is opened. Lightweight yet strong: The high-quality workmanship makes this luminaire robust and minimises maintenance requirements.

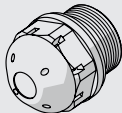
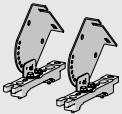
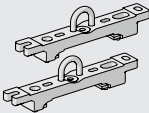
	IECEX / ATEX					
Zone	0	1	2	20	21	22
Installation in		•	•		•	•

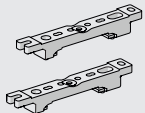
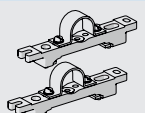


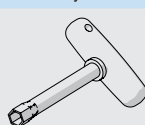
Selection Table						
Size	2					
Lamp wattage	18 W					
Drilled holes	Cable entry material	Max. solid connection terminals	Product Type	Art. No.	Weight	
3 x M20	–	6 mm ²	6001/522-9510-15-232	238144	4.5 kg	
3 x M25	Polyamide, black	6 mm ²	6001/522-9510-15-131	220897	4.5 kg	
Size	4					
Lamp wattage	36 W					
Drilled holes	Cable entry material	Max. solid connection terminals	Product Type	Art. No.	Weight	
3 x M20	–	6 mm ²	6001/542-9510-15-232	238145	6.8 kg	
3 x M25	Polyamide, black	6 mm ²	6001/542-9510-15-131	220903	6.75 kg	
Size	6					
Lamp wattage	58 W					
Drilled holes	Cable entry material	Max. solid connection terminals	Product Type	Art. No.	Weight	
3 x M20	–	6 mm ²	6001/562-9510-15-232	238146	7.9 kg	
3 x M25	Polyamide, black	6 mm ²	6001/562-9510-15-131	220910	7.9 kg	

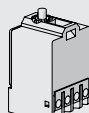


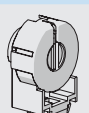
Cable glands and entries and stopping plugs made from moulded material are included loose with the product (installation required). Threaded plate included.

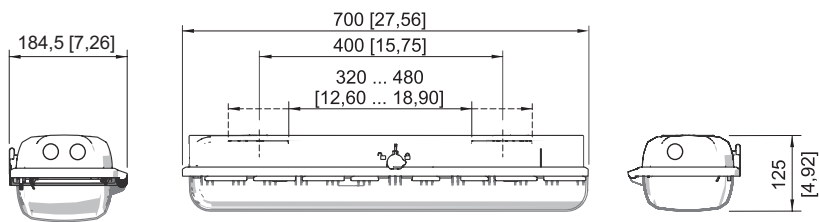
The light fittings are supplied without fluorescent lamps or mounting material. These parts must be ordered as accessories.

Technical Data		
Variant	Design size 2 and 4	Design size 6
Explosion Protection		
IECEx gas explosion protection	Ex db eb IIC T4 Gb	Ex db eb IIC T4 Gb
IECEx dust explosion protection	Ex tb IIIC T80 °C Db	Ex tb IIIC T80 °C Db
ATEX gas explosion protection	⊕ II 2 G Ex db eb IIC T4 Gb	⊕ II 2 G Ex db eb IIC T4 Gb
ATEX dust explosion protection	⊕ II 2 D Ex tb IIIC T80 °C Db	⊕ II 2 D Ex tb IIIC T80 °C Db
Certificates	ATEX (PTB), IECEx (PTB)	ATEX (PTB), IECEx (PTB)
Ship approval	DNV	DNV
Electrical Data		
Rated operational voltage AC	220 – 240 V	220 – 240 V
Rated operational voltage DC	220 – 240 V	220 – 240 V
Frequency range	50 – 60 Hz	50 – 60 Hz
Lighting Data		
Number of lamps	2	2
Lamp	G13 lamp base	G13 lamp base
Mechanical Data		
IP degree of protection (IEC 60598)	IP66/IP67	IP66
Class	I (with inner PE connection)	I (with inner PE connection)
Enclosure material	Polyester resin, Glass fibre reinforced	Polyester resin, Glass fibre reinforced
Sealing material	Silicone	Silicone
Translucent cover material	Polycarbonate	Polycarbonate
Installed terminal strip	PE + N + L1 + L2 + L3	PE + N + L1 + L2 + L3
Lighting lock	Central lock , For box spanner actuation	Central lock , For box spanner actuation
Type of connection cable	Finely stranded Solid	Finely stranded Solid
Impact strength (IEC 62262)	IK10	IK10
Enclosure colour	Light grey (RAL 7035)	Light grey (RAL 7035)
Notes	Connection terminals: Spring clamp terminal (2 free clamping units per pole)	
Components		
Ballast	6042/243-21	6042/963-21
Through wiring	With 5 conductors 2.5 mm ²	With 5 conductors 2.5 mm ²

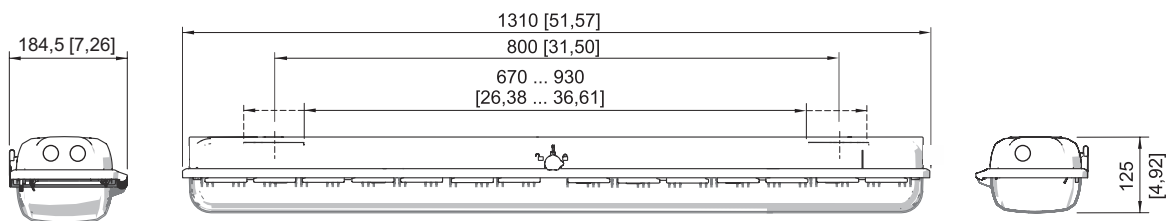
Accessories			
Figure	Description	Art. No.	Weight
Breather			
	Thread: M25 x 1.5; 1 pc; for installation in lights; in moulded material; without counter nut	138573	10 g
Ceiling and wall mounting bracket			
	mounted on a mounting rail for a variable mounting distance; Material: stainless steel; Lamp can be swiveled in steps of 15°; 1 pair	222827	1.2 kg
Mounting bracket			
	mounting clamp mounted on a mounting rail for a variable mounting distance; 1 pair	222456	400 g

Accessories			
Figure	Description	Art. No.	Weight
Mounting rail			
	for a variable mounting distance; 1 pair	222826	350 g
Pipe clamp			
	R 1 1/2"; with mounting rail for a variable mounting distance; material: stainless steel; 1 pair	222459	700 g
	R 1 1/4"; with mounting rail for a variable mounting distance; Material: stainless steel; 1 pair	222458	700 g
	R 2"; with mounting rail for a variable mounting distance; Material: stainless steel; 1 pair	222460	750 g
Pole mounting sleeve			
	for the subsequent mounting on lights size 2 and size 4, completely with assembly parts (for pipe diameter 42 mm)	227512	3.2 kg
Ring bolt			
	M8, direct mounting in insert nuts; 1 pair	115736	115 g
Socket key			
	M8 / wrench size 13; to open/close the central locking	222430	110 g

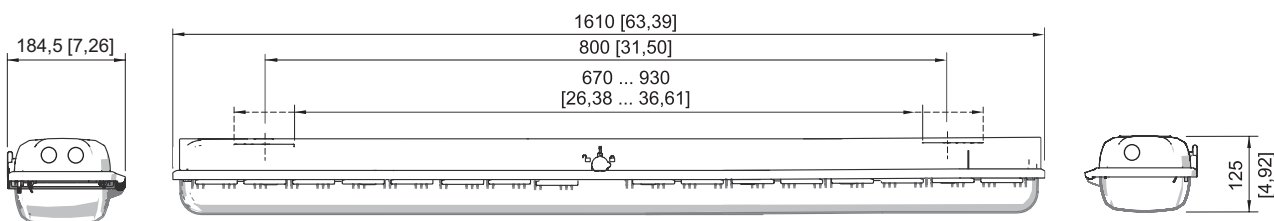
Spare Parts			
Figure	Description	Art. No.	Weight
Contact element			
	8080/1-3-L 2 NC contact element	132527	26 g
Cover			
	for luminaire size 4	222428	1.15 kg
	for luminaire size 6	222429	1.45 kg
	for luminaire size 2	222427	639 g
Fluorescent lamp			
	36 W, 3350 lm	108951	200 g
	58 W, 5200 lm	108950	220 g
	18 W, 1350 lm	108952	100 g
Lamp holder			
	G13 Ex e lamp holder for light fittings with T8 fluorescent lamps for use in Zone 1	117252	36 g



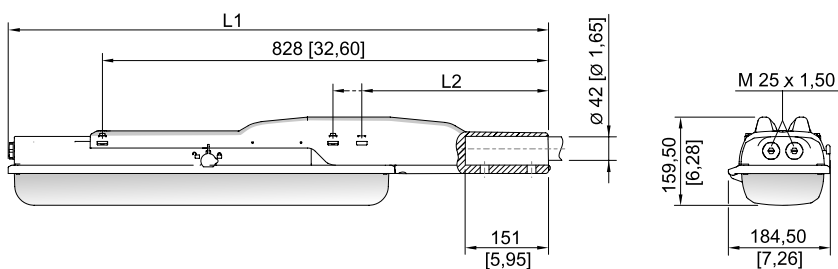
Size 2



Size 4



Size 6



With pole mounting sleeve

Size 2:
L1 = 978 mm [38.50]
L2 = 390 mm [15.35]

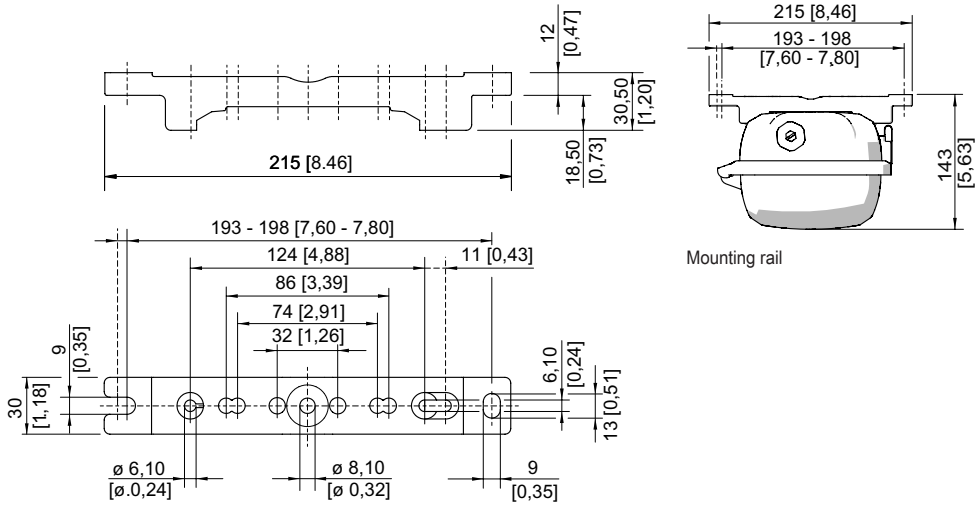
Size 4:
L1 = 1587 mm [62.48]
L2 = 338 mm [13.31]

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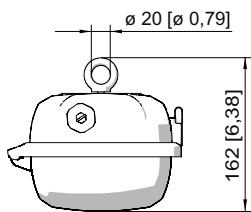


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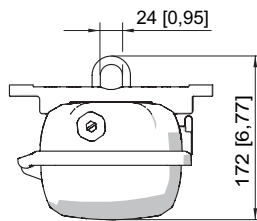


Mounting rail

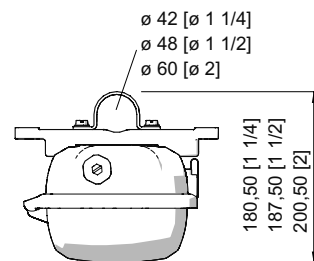
Mounting rail



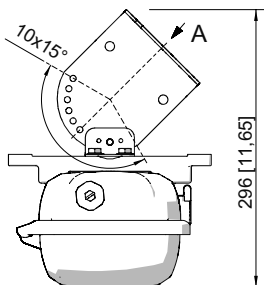
Ring bolt fitted in insert nut of the luminaire



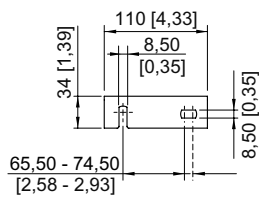
Mounting bracket fitted in mounting rail



Pipe clamp fitted in mounting rail



A



Wall mounting bracket fitted in mounting rail