



- The latest LED technology with a high luminous efficacy and a long service life
- Extremely high luminaire efficacy
- Luminous flux after 100,000 h still 90% of the starting luminous flux
- Optionally with DALI for controlling and monitoring the luminaire
- Optionally addressable for direct actuation of a common battery system

E2

WebCode 6002D



The linear luminaire with Series 6002/4 LED is ideal for lighting surfaces at a mounting height of up to 10 m. It can also be used to illuminate equipment and objects, both inside and outside. The pole mounting sleeve accessory can be used to easily mount the luminaire on poles. Optionally, the luminaire can be equipped with addressable equipment. It can be used to control and monitor the luminaire for the common battery systems.

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

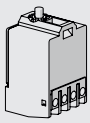
Selection Table						
Design size	2					
Lamp wattage	22 W					
Luminous flux	2910 lm					
Luminaire efficacy	132 lm/W					
Drilled holes	Threaded plate	Screw connections	Stopping plug	Product Type	Art. No.	PS
3 x M20	2x SS430 stainless steel	Can be ordered as accessories	Can be ordered as accessories	6002/4128-0100-152-2220-22-8500	267067	64
3 x M25	2x plastic	2 x M25 Ø 7 – 17 mm	2 x M25 x 1.5	6002/4128-0100-152-1110-11-8500	267058	64
Design size	4					
Lamp wattage	42 W					
Luminous flux	5810 lm					
Luminaire efficacy	138 lm/W					
Drilled holes	Threaded plate	Screw connections	Stopping plug	Product Type	Art. No.	PS
3 x M20	2x SS430 stainless steel	Can be ordered as accessories	Can be ordered as accessories	6002/4148-0100-152-2220-22-8500	267077	64
3 x M25	2x plastic	2 x M25 Ø 7 – 17 mm	2 x M25 x 1.5	6002/4148-0100-152-1110-11-8500	267074	64

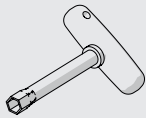
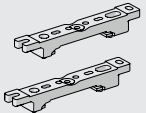
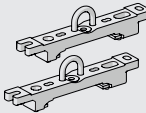

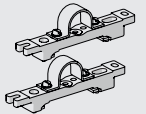

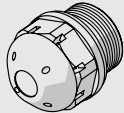
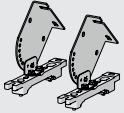
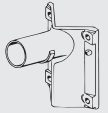
Art. Nr. 267058 and 267074:
Screw connections and stopping plugs made from moulded material are included loose with the product (installation required).
Threaded plate included.

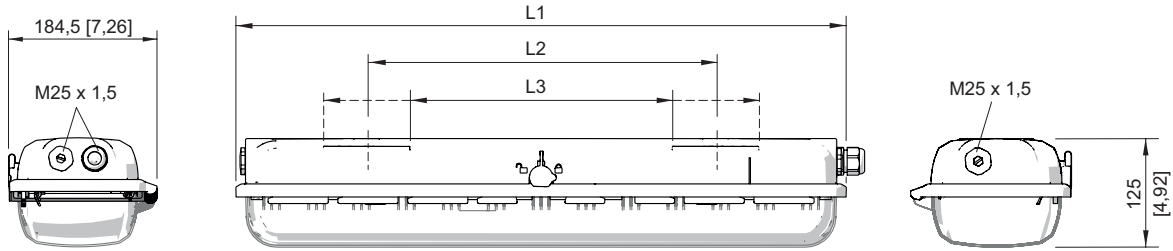
Art. Nr. 267067 and 267077:
Screw connections and stopping plugs must be ordered as accessories.
Threaded plate included.

The light fittings are supplied without mounting material

Technical Data	
Explosion Protection	
Gas explosion protection IECEx	Ex db eb ib mb op is IIC T4 Gb
Gas explosion protection ATEX	Ⓜ II 2 G Ex db eb ib mb op is IIC T4 Gb
Dust explosion protection IECEx	Ex tb op is IIIC T100 °C Db
Dust explosion protection ATEX	Ⓜ II 2 D Ex tb op is IIIC T100 °C Db
Ambient temperature °C	-40 ... +50 °C
Note: Through wiring	Max. 3x16 A
Ambient temperature °C 2	-40 ... +60 °C
Note: Through wiring 2	Max. 3x10 A
Certificates	ATEX (IBE), IECEx (IBE)
Electrical Data	
Rated operational voltage AC	110 – 240 V
Rated operational voltage DC	110 – 250 V
Frequency range	50 – 60 Hz
Lighting Data	
Number of lamps	1
Lamp	LED
Light colour	Neutral white
Light distribution	120°x120° with diffusing glass
Colour rendering	≥ 80
Colour temperature	5000 K
Mechanical Data	
Impact strength (IK code)	IK10 (IEC 62262)
Degree of protection IP (IEC 60598)	IP66/IP67
Enclosure colour	Light grey (RAL 7035)
Enclosure material	Polyester resin, Glass fibre reinforced
Diffuser	With diffuser
Sealing material	Silicone
Installed terminal strip	PE + N + L1 + L2 + L3
Connection terminals solid max.	6 mm ²
Connection terminals finely-stranded max.	4 mm ²
Type of connection cable	Solid Finely stranded
Notes	Connection terminals: Spring clamp terminal (2 free clamping units per pole)
Components	
Ballast	6045/211-120-10
Through wiring	With 5 conductors 2.5 mm ²
Material of screw connections	Polyamide, black
Stopping plug material	Polyamide, black

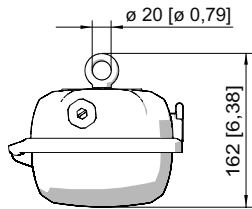
Accessories and Spare Parts			
Figure	Description	Art. No.	Weight kg
Contact element			
	8080/1-3-L 2 NC contact element	132527 ▲	0.026

Accessories and Spare Parts			
Figure	Description	Art. No.	Weight kg
Socket key			
	M8 / wrench size 13; to open/close the central locking	222430 ▲	0.210
Mounting rail			
	for a variable mounting distance; 1 pair	222826 ▲	0.350
Mounting bracket			
	mounting clamp mounted on a mounting rail for a variable mounting distance; 1 pair	222456 ▲	0.400
Pole mounting sleeve			
	for the subsequent mounting on lights size 2 and size 4, completely with assembly parts	227512	3.200
Pipe clamp			
	R 1 1/2"; with mounting rail for a variable mounting distance; Material: stainless steel; 1 pair	222459 ▲	1.200
	R 1 1/4"; with mounting rail for a variable mounting distance; Material: stainless steel; 1 pair	222458 ▲	0.700
	R 2"; with mounting rail for a variable mounting distance; Material: stainless steel; 1 pair	222460 ▲	0.750
Ring bolt			
	M8, direct mounting in insert nuts; 1 pair	115736 ▲	0.115
Breather			
	Thread: M25 x 1.5; 1 pc; for installation in lights; in moulded material; without counter nut	138573 ▲	0.010
	Thread: M25 x 1.5; 20 pc; for installation in lights; in moulded material; without counter nut	138576 ▲	0.200
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 ▲	1.200
Bracket for wall mounting with tube			
	for side entry lamp; with tube, length 400 mm, Ø 42 mm	108947 ▲	2.480

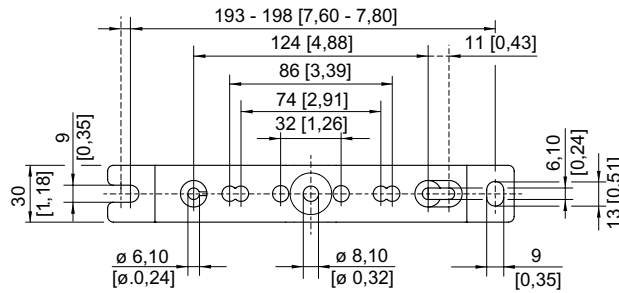
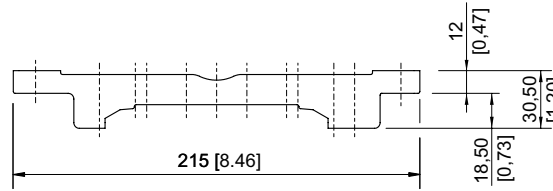


Size 2:
L1 = 700 mm [27.56]
L2 = 400 mm [15.75]
L3 = 320 ... 480 mm [12.60 ... 18.90]

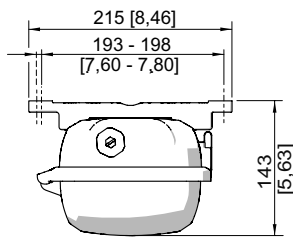
Size 4:
L1 = 1310 mm [51.57]
L2 = 800 mm [31.50]
L3 = 670 ... 930 mm [26.38 ... 36.61]



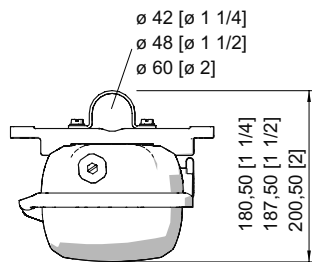
Ring bolt fitted in insert nut of the luminaire



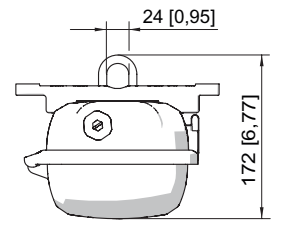
Mounting rail



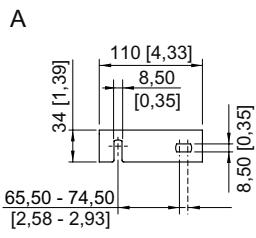
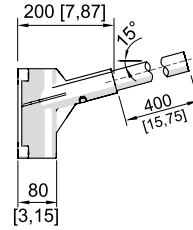
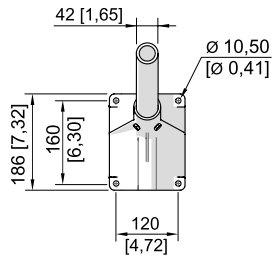
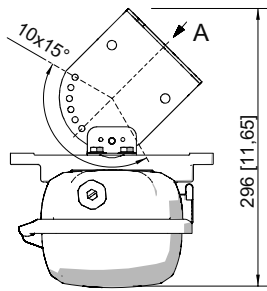
Mounting rail



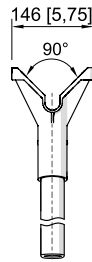
Pipe clamp fitted in mounting rail



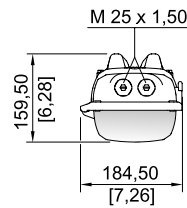
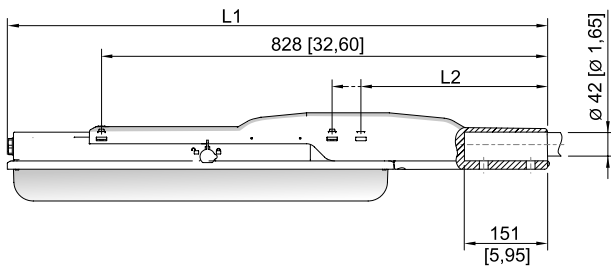
Mounting bracket fitted in mounting rail



Wall mounting bracket fitted in mounting rail



Bracket for wall mounting with pipe section



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]