

# Linear Luminaire with LED EXLUX

## Series 6002/4

STAHL



- 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.

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

Selection Table							
Design size	2						
Translucent cover	clear						
Light distribution	120°x120° with diffusing glass						
Lamp wattage	22 W						
Luminous flux	2910 lm						
Luminaire efficacy	132 lm/W						
Product variant	Drilled holes	Threaded plate	Cable entries	Stopping plug	Product Type	Art. No.	Weight kg
Interfaces DALI	3 x M25	2x plastic	2 x M25 Ø 7 – 17 mm	2 x M25 x 1.5	6002/4128-0110-172-1110-11-8500	272391	4.450
standard	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 ▲	4.400
	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 ▲	4.450
with address module	3 x M25	2x plastic	2 x M25 Ø 7 – 17 mm	2 x M25 x 1.5	6002/4128-0130-152-1110-11-8500	275740	4.500
Design size	2						
Translucent cover	diffuse						
Light distribution	120°x120°						
Lamp wattage	22 W						
Luminous flux	3230 lm						
Luminaire efficacy	132 lm/W						
Product variant	Drilled holes	Threaded plate	Cable entries	Stopping plug	Product Type	Art. No.	Weight kg
standard	3 x M20	2x SS430 stainless steel	Can be ordered as accessories	Can be ordered as accessories	6002/4124-0100-152-2220-22-850S	285108	4.350
	3 x M25	2x plastic	2 x M25 Ø 7 – 17 mm	2 x M25 x 1.5	6002/4124-0100-152-1110-11-850S	285105	4.400

## Selection Table

Design size	4						
Translucent cover	clear						
Light distribution	120°x120° with diffusing glass						
Lamp wattage	42 W						
Luminous flux	5810 lm						
Luminaire efficacy	138 lm/W						
Product variant	Drilled holes	Threaded plate	Cable entries	Stopping plug	Product Type	Art. No.	Weight kg
Interfaces DALI	3 x M20	2x SS430 stainless steel	Can be ordered as accessories	Can be ordered as accessories	6002/4148-0110-172-2220-22-8500	274963	6.900
	3 x M25	2x plastic	2 x M25 Ø 7 – 17 mm	2 x M25 x 1.5	6002/4148-0110-172-1110-11-8500	267087	6.900
standard	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	6.900
	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 ▲	6.900
with address module	3 x M20	2x SS430 stainless steel	Can be ordered as accessories	Can be ordered as accessories	6002/4148-0130-152-2220-22-8500	277241	6.900
	3 x M25	2x plastic	2 x M25 Ø 7 – 17 mm	2 x M25 x 1.5	6002/4148-0130-152-1110-11-8500	275741	6.900
Design size	4						
Translucent cover	diffuse						
Light distribution	120°x120°						
Lamp wattage	42 W						
Luminous flux	6460 lm						
Luminaire efficacy	138 lm/W						
Product variant	Drilled holes	Threaded plate	Cable entries	Stopping plug	Product Type	Art. No.	Weight kg
standard	3 x M20	2x SS430 stainless steel	Can be ordered as accessories	Can be ordered as accessories	6002/4144-0100-152-2220-22-850S	285109	6.850
	3 x M25	2x plastic	2 x M25 Ø 7 – 17 mm	2 x M25 x 1.5	6002/4144-0100-152-1110-11-850S	285106	6.850
Design size	6						
Translucent cover	clear						
Light distribution	120°x120° with diffusing glass						
Lamp wattage	50 W						
Luminous flux	6960 lm						
Luminaire efficacy	139 lm/W						
Product variant	Drilled holes	Threaded plate	Cable entries	Stopping plug	Product Type	Art. No.	Weight kg
standard	3 x M25	2x plastic	2 x M25 Ø 7 – 17 mm	2 x M25 x 1.5	6002/4168-0200-152-1110-11-8500	278349	8.000
without address module	3 x M20	2x SS430 stainless steel	Can be ordered as accessories	Can be ordered as accessories	6002/4168-0200-152-2220-22-8500	278346	8.000
Cable 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 mounting material.							

## Technical Data

Variant	Size 2, size 4 standard + DALI	Size 6 standard + DALI	Size 2, size 4 with address module
Explosion Protection			
IECEx gas explosion protection	Ex db eb ib mb op is IIC T4 Gb	Ex db eb ib mb op is IIC T4 Gb	Ex db eb ib mb op is IIC T4 Gb
IECEx dust explosion protection	Ex tb op is IIIC T100 °C Db	Ex tb op is IIIC T100 °C Db	Ex tb op is IIIC T100 °C Db
ATEX gas explosion protection	Ⓔ II 2 G Ex db eb ib mb op is IIC T4 Gb	Ⓔ II 2 G Ex db eb ib mb op is IIC T4 Gb	Ⓔ II 2 G Ex db eb ib mb op is IIC T4 Gb
ATEX dust explosion protection	Ⓔ II 2 D Ex tb op is IIIC T100 °C Db	Ⓔ II 2 D Ex tb op is IIIC T100 °C Db	Ⓔ II 2 D Ex tb op is IIIC T100 °C Db
Certificates	ATEX (IBE), Brazil (ULB), China (CQST), EAC (ENDCE), IECEx (IBE), India (PESO), Japan (CML), Polen (CNBOP), Taiwan (ITRI)	ATEX (IBE), Brazil (ULB), China (CQST), IECEx (IBE)	ATEX (IBE), Brazil (ULB), China (CQST), EAC (ENDCE), IECEx (IBE), India (PESO), Japan (CML), Polen (CNBOP)