

EXLUX Linear Luminaire with LED

Series 6402/4

STAHL



- State-of-the-art LED technology with high luminous efficacy and 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 with address modules for directly actuation of a common battery system

E2

WebCode 6402C



The linear luminaire with Series 6402/4 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 an address module. 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								
Size	2							
Light distribution	120°x120°							
Lamp wattage	22 W							
Luminous flux	3230 lm							
Luminaire efficacy	132 lm/W							
Product variant	Translucent cover	Light colour	Disconnection of the luminaire	Diffuser	Drilled holes	Threaded plate	Product Type	Art. No.
standard	Translucent	5000K - neutral white	No	Without diffuser	3 x M25	2x plastic	6402/4124-6100-152-1110-11-850S	285111
		5000K - neutral white	No	Without diffuser	3 x M20	2x SS430 stainless steel	6402/4124-6100-152-2220-22-850S	285113
Size	2							
Light distribution	120°x120° with diffusing glass							
Lamp wattage	22 W							
Luminous flux	2910 lm							
Luminaire efficacy	132 lm/W							
Product variant	Translucent cover	Light colour	Disconnection of the luminaire	Diffuser	Drilled holes	Threaded plate	Product Type	Art. No.
Interfaces DALI	Clear	5000K - neutral white	No	With diffuser	3 x M25	2x plastic	6402/4128-6110-172-1110-11-8500	270850
standard	Clear	5000K - neutral white	No	With diffuser	3 x M25	2x plastic	6402/4128-6100-152-1110-11-8500	267040 ▲
		5000K - neutral white	No	With diffuser	3 x M20	2x SS430 stainless steel	6402/4128-6100-152-2220-22-8500	271908 ▲
with address module	Clear	5000K - neutral white	No	With diffuser	3 x M25	2x plastic	6402/4128-6120-152-1110-11-8500	267039

Selection Table								
Size		4						
Light distribution		120°x120°						
Lamp wattage		42 W						
Luminous flux		6460 lm						
Luminaire efficacy		138 lm/W						
Product variant	Translucent cover	Light colour	Disconnection of the luminaire	Diffuser	Drilled holes	Threaded plate	Product Type	Art. No.
standard	Translucent	5000K - neutral white	No	Without diffuser	3 x M25	2x plastic	6402/4144-6100-152-1110-11-850S	285112
		5000K - neutral white	No	Without diffuser	3 x M20	2x SS430 stainless steel	6402/4144-6100-152-2220-22-850S	285114
Size		4						
Light distribution		120°x120° with diffusing glass						
Lamp wattage		42 W						
Luminous flux		5810 lm						
Luminaire efficacy		138 lm/W						
Product variant	Translucent cover	Light colour	Disconnection of the luminaire	Diffuser	Drilled holes	Threaded plate	Product Type	Art. No.
Interfaces DALI	Clear	5000K - neutral white	No	With diffuser	3 x M25	2x plastic	6402/4148-6110-172-1110-11-8500	271475
standard	Clear	5000K - neutral white	No	With diffuser	3 x M25	2x plastic	6402/4148-6100-152-1110-11-8500	267054 ▲
		5000K - neutral white	No	With diffuser	3 x M20	2x SS430 stainless steel	6402/4148-6100-152-2220-22-8500	267055 ▲
with address module	Clear	5000K - neutral white	No	With diffuser	3 x M25	2x plastic	6402/4148-6120-152-1110-11-8500	267057
Size		6						
Light distribution		120°x120° with diffusing glass						
Lamp wattage		50 W						
Luminous flux		6960 lm						
Luminaire efficacy		139 lm/W						
Product variant	Translucent cover	Light colour	Disconnection of the luminaire	Diffuser	Drilled holes	Threaded plate	Product Type	Art. No.
standard	Clear	5000K - neutral white	No	With diffuser	3 x M25	2x plastic	6402/4168-6200-152-1110-11-8500	276351 ▲
		5000K - neutral white	No	With diffuser	3 x M20	2x SS430 stainless steel	6402/4168-6200-152-2220-22-8500	276354 ▲

Variants with 2 x threaded plate plastic and 3 x drilled holes M25:

Cable glands 2 x M25 Ø 7 -17 mm and 2 x stopping plugs M 25 x 1,5 are included loose with the product (installation required). Threaded plate included.

Variants with 2 x threaded plate stainless steel SS430 and 3 x drilled holes M20:

Cable glands and stopping plugs can be ordered as accessories. Threaded plate included.

The light fittings are supplied without mounting material.

Technical Data			
Variant	standard / product variant "-" without disconnection	Interfaces DALI	with address module
Explosion Protection			
IECEX gas explosion protection	Ex ec IIC T4 Gc	Ex ec IIC T4 Gc	Ex ec nC IIC T4 Gc
IECEX dust explosion protection	Ex tb op is / tc IIIC T100 °C Db	Ex tb op is / tc IIIC T100 °C Db	Ex tb op is / tc IIIC T100 °C Db
ATEX gas explosion protection	⊕ II 3 G Ex ec IIC T4 Gc	⊕ II 3 G Ex ec IIC T4 Gc	⊕ II 3 G Ex ec nC IIC T4 Gc
ATEX dust explosion protection	⊕ II 2 D Ex tb op is ... tc IIIC T100 °C Db	⊕ II 2 D Ex tb op is ... tc IIIC T100 °C Db	⊕ II 2 D Ex tb op is ... tc IIIC T100 °C Db
Certificates	ATEX (IBE), IECEX (IBE)	ATEX (IBE), IECEX (IBE)	ATEX (IBE), IECEX (IBE)
Electrical Data			
Rated operational voltage AC	100 – 240 V	100 – 240 V	220 – 230 V
Frequency range	50 – 60 Hz	50 – 60 Hz	50 Hz
Rated operational voltage DC	110 – 250 V	110 – 250 V	194 – 250 V