



- 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

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									
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	Disconnection of the luminaire	Light colour	Threaded plate	Cable glands and entries	Stopping plugs	Product Type	Art. No.	Weight kg
Interfaces DALI	3 x M25	No	5000 K – neutral white	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	No	5000 K – neutral white	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	No	5000 K – neutral white	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	No	5000 K – neutral white	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
Size	2								
Translucent cover	Translucent								
Light distribution	120°x120°								
Lamp wattage	22 W								
Luminous flux	2910 lm								
Luminaire efficacy	132 lm/W								
Product variant	Drilled holes	Disconnection of the luminaire	Light colour	Threaded plate	Cable glands and entries	Stopping plugs	Product Type	Art. No.	Weight kg
standard	3 x M20	No	5000 K – neutral white	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	No	5000 K – neutral white	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

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	Disconnection of the luminaire	Light colour	Threaded plate	Cable glands and entries	Stopping plugs	Product Type	Art. No.	Weight kg
Interfaces DALI	3 x M20	No	5000 K – neutral white	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	No	5000 K – neutral white	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	No	5000 K – neutral white	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	No	5000 K – neutral white	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	No	5000 K – neutral white	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	No	5000 K – neutral white	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
Size		4							
Translucent cover		Translucent							
Light distribution		120°x120°							
Lamp wattage		42 W							
Luminous flux		5180 lm							
Luminaire efficacy		138 lm/W							
Product variant	Drilled holes	Disconnection of the luminaire	Light colour	Threaded plate	Cable glands and entries	Stopping plugs	Product Type	Art. No.	Weight kg
standard	3 x M20	No	5000 K – neutral white	2x SS430 stainless steel	Can be ordered as accessories	Can be ordered as accessories	6002/4144-0100-152-2220-22-850S	285109	6.850
Size		4							
Translucent cover		Translucent							
Light distribution		120°x120°							
Lamp wattage		42 W							
Luminous flux		5810 lm							
Luminaire efficacy		138 lm/W							
Product variant	Drilled holes	Disconnection of the luminaire	Light colour	Threaded plate	Cable glands and entries	Stopping plugs	Product Type	Art. No.	Weight kg
standard	3 x M25	No	5000 K – neutral white	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
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	Disconnection of the luminaire	Light colour	Threaded plate	Cable glands and entries	Stopping plugs	Product Type	Art. No.	Weight kg
standard	3 x M20	No	5000 K – neutral white	2x SS430 stainless steel	Can be ordered as accessories	Can be ordered as accessories	6002/4168-0200-152-2220-22-8500	278346	8.000
	3 x M25	No	5000 K – neutral white	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

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 "-"	with address module
Explosion Protection		
IECEX gas explosion protection	Ex db eb ib op is IIC T4 Gb	Ex db eb ib 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
ATEX gas explosion protection	Ⓜ II 2 G Ex db eb ib op is IIC T4 Gb	Ⓜ II 2 G Ex db eb ib 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
Certificates	ATEX (IBE), IECEX (IBE), India (PESO)	ATEX (IBE), IECEX (IBE), India (PESO)
Ship approval	DNV GL	DNV GL
Electrical Data		
Rated operational voltage AC	100 – 240 V	220 – 240 V
Rated operational voltage DC	110 – 250 V	194 – 250 V
Frequency range	50 – 60 Hz	50 Hz
Ambient Conditions		
Ambient temperature	-40 °C ... +50 °C Note: Through wiring Max. 3x16 A -40 °C ... +60 °C Note: Through wiring 2 Max. 3x10 A	-40 °C ... +50 °C Note: Through wiring Max. 3x16 A -40 °C ... +60 °C Note: Through wiring 2 Max. 3x10 A
Lighting Data		
Number of lamps	1	1
Lamp	LED	LED
Colour rendering	≥ 80	≥ 80
Colour temperature	5000 K	5000 K
Mechanical Data		
Impact strength (IEC 62262)	IK10	IK10
IP degree of protection (IEC 60598)	IP66/IP67	IP66/IP67
Enclosure colour	Light grey (RAL 7035)	Light grey (RAL 7035)
Enclosure material	Polyester resin, Glass fibre reinforced	Polyester resin, Glass fibre reinforced
Diffuser	Without diffuser	With diffuser
Sealing material	Silicone	Silicone
Max. solid connection terminals	6 mm ²	6 mm ²
Max. finely stranded connection terminals	4 mm ²	4 mm ²
Type of connection cable	Finely stranded Solid	Finely stranded Solid
Notes	Connection terminals: Spring clamp terminal (2 free clamping units per pole)	
Components		
Ballast	6045/311-120-10	6045/312-122-10
Through wiring	With 5 conductors 2.5 mm ²	With 5 conductors 2.5 mm ²
Cable entry material	Polyamide, black	Polyamide, black
Stopping plug material	Polyamide, black	Polyamide, black