

6102/111-0110-170-0110-02-4850-00 Art. No. 351829



- Suitable for wall, ceiling and suspended mounting
- With either DALI or address module
- Emergency exit signs with suspended panel so that they can be read from both sides
- Large recognition range $d \geq 30$ m
- Lightweight, robust and compact design

MY R. STAHL 6102A



The Series C-LUX 6102 compact light fittings can be used for normal lighting or as emergency luminaires in conjunction with emergency exit signs and/or an address module for use in central battery systems.

Technical Data

Explosion Protection

Area of application	European Union (ATEX) IECEX
Ex version	Yes
Application range (zones)	1, 2, 21, 22
IECEX gas certificate	IECEX IBE 19.0016
IECEX gas explosion protection	Ex db eb ib op is IIC T4 Gb
IECEX dust certificate	IECEX IBE 19.0016
IECEX dust explosion protection	Ex tb op is IIIC T100 °C Db
ATEX gas certificate	IBExU 19 ATEX 1072
ATEX gas explosion protection	Ex II 2 G Ex db eb ib op is IIC T4 Gb
ATEX dust certificate	IBExU 19 ATEX 1072
ATEX dust explosion protection	Ex II 2 D Ex tb op is IIIC T100 °C Db
Certificates and approvals	ATEX IECEX
Certificates	ATEX (IBE), IECEX (IBE), Polen (CNBOP)
Declaration of conformity	ATEX (EUK)

Electrical Data

Frequency range	50 – 60 Hz
LED service life	L90B50 ≥ 100 h
AC operating voltage	100 ... 240 V
DC operating voltage	100 ... 250 V
Control interface	DALI

Lighting Data

Lamp	LED
Light colour	Cool white
Light distribution	80° (with diffuser)
Luminaire efficacy	62 lm/W
Luminous flux	600 lm

6102/111-0110-170-0110-02-4850-00 Art. No. 351829

Lighting Data

Luminous flux	600 lm
Colour rendering	≥ 80
Colour temperature	5000 K
Colour temperature	5000 K

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
---------------------	--

Mechanical Data

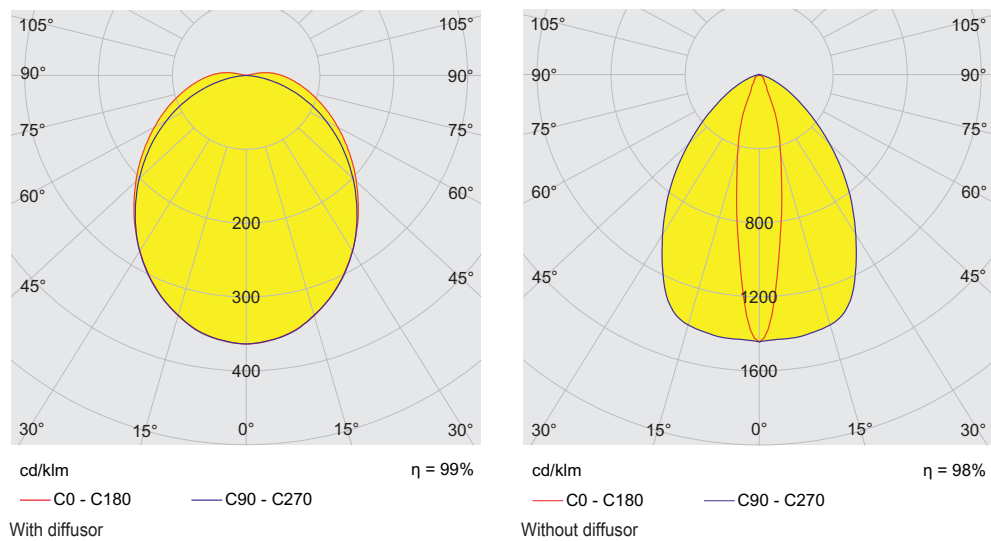
IP degree of protection (IEC 60598)	IP66 / IP67
Class	I
Enclosure material	Thermoset
Enclosure colour	Light grey (RAL 7035)
Diffuser	With diffuser 2 x 40°
Cover material	Polycarbonate
Sealing material	Silicone
Silicone-free content	Without influence on paint wetting
Installed terminal strip	PE+N+L1+L2+L3+DA+DA
Max. solid connection terminals	6 mm ²
Max. finely stranded connection terminals	4 mm ²
Type of connection cable	Finely stranded Solid
Size	1
Width	185 mm
Height	90 mm
Length	440 mm
Impact strength (IEC 62262)	IK08
Disconnection of the luminaire	No
Weight	3 kg
Weight	6.61 lb

Components

Variant	With diffuser 2 x 40°
Threaded plate	1x SS430 stainless steel
Ballast	6045/311-841-20 AC/DC DALI
Through wiring	Loop in/loop out
Drilled holes	2 x M25
Cable glands and entries	can be ordered as an accessory
Stopping plugs	Can be ordered as accessories
Breather	without
Accessories	Provided

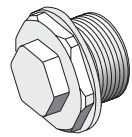
6102/111-0110-170-0110-02-4850-00 Art. No. 351829

Light Distribution Curves



Accessories

Breather



Thread: M20 x 1.5 (1 piece); for installation in light fittings; made from stainless steel; without jam nut

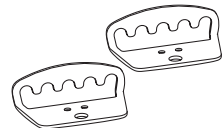
Art. No.

323702

Thread: M25 x 1.5 (1 piece); for installation in light fittings; made from stainless steel; without jam nut

296608

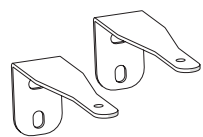
Fastening set



for chain/rope assembly

Art. No.

275407



for wall mounting

275408

Light panel



Escape route double sided

Art. No.

275872



Escape route, down

274776



Escape route, up

274758



Escape route, down double-sided

274780

6102/111-0110-170-0110-02-4850-00 Art. No. 351829

Light panel

		Art. No.
	Escape route, left	274757
	Escape route, right	274775
	Escape route left/right double-sided	274773
	Escape route stairs, down left	274777
	Escape route stairs, down right	274778
	Escape route stairs, down double-sided	274779
	Escape route stairs, up left	274759
	Escape route stairs, up right	274760
	Escape route stairs, up double-sided	274771
	Escape route, up double-sided	274772
	EXIT	275514

Spare Parts

Optic		Art. No.
	Diffuser	274756

Lighting
Compact light fitting Emergency luminaire



6102/111-0110-170-0110-02-4850-00 Art. No. 351829

Diffusing lens		Art. No.
	Deflection optics	274781

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.