

Linear Luminaire for Fluorescent Lamps

Series ECOLUX METAL 6610/11



www.stahl.de



15709E00

- > For use in Zones 2, 21, 22 and safe area
- > 2-lamp version
 - 18 W
 - 36 W
- > Housing made of sheet steel or stainless steel SS304 / SS316L
- > Quick fasteners

E2



The light fitting of series ECOLUX METALL 6610 can be used in Zone 2 and 22 for general lighting and as group-supplied or centrally supplied emergency light fitting. The version with stainless steel SS316L metal enclosure is particularly suitable for marine applications.

Zone	ATEX / IECEx					
	0	1	2	20	21	22
For use in			x		x	x

Explosion Protection	
Global (IECEx)	
Gas and dust	IECEx BVS 14.0112X Ex nA IIC T4 Gc Ex tb IIIC T80°C Db
Europe (ATEX)	
Dust	BVS 14 ATEX E 162 ⊕ II 2 D Ex tb IIIC T80° C Db
Gas and dust	BVS 14 ATEX E 165 X ⊕ II 3 G Ex nA IIC T4 Gc ⊕ II 3 D Ex tc IIIC T80 °C Dc
Certifications and certificates	
Certificates	IECEx, ATEX, India (PESO)

WebCode 6610A

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Selection Table

Version	Lamps	Cable glands	Through wiring	Enclosure	Order number	Art. no.	Weight kg
ECOLUX METAL 6610	2 x 18 W	Plastic M25	without	Sheet Steel	6610/1152-2807-0110	229869	5.460
			without	Stainless Steel SS316L	6610/1152-2807-0114	229870	5.560
		Plastic M20	without	Sheet Steel	6610/1152-2808-0110	229865	5.460
			without	Stainless Steel SS316L	6610/1152-2808-0114	229866	5.570
	2 x 36 W	Plastic M25	without	Sheet Steel	6610/1154-2807-0110	229871	8.000
			without	Stainless Steel SS316L	6610/1154-2807-0114	229872	8.100
		Plastic M20	without	Sheet Steel	6610/1154-2808-0110	229867	8.000
			without	Stainless Steel SS316L	6610/1154-2808-0114	229868	8.100

Note The light fittings are supplied without tubes. These must be ordered separately.

Technical Data

Electrical data

Ballast

	6610/11.-....-1..
Lamp start	Cold start
Voltage	220 ... 240 V AC
DC voltage in case of ignition	198 ... 250 V DC
DC voltage during operation	176 ... 250 V DC
Frequency	0 / 50 ... 60 Hz
Lamp operation DC	2-lamp
Lamp standard	IEC 60081
Lamp power	18, 36 W
Nominal current	2 x 18 W, 160 mA 2 x 36 W, 320 mA

Power factor cos φ ≥ 0.97

Ambient conditions

Operating temperature range -20 ... +55 °C

Mechanical data

Degree of protection	IP66 for ceiling mounting IP65 for wall mounting IP64 when using breather 8162 IP67 (IEC 60598)
Protection class	I (with internal PE connection)
Material	
Enclosure	Sheet steel powder coated Stainless steel SS304 (V2A 1.4301) powder coated, optional brushed Stainless steel SS316L (V4A 1.4404) powder coated, optional brushed
Translucent cover	Polycarbonate
Luminaire locking	quick locking device, stainless steel
Colour	colour white, similar to RAL 9010
Gasket	Silicon foamed in translucent cover

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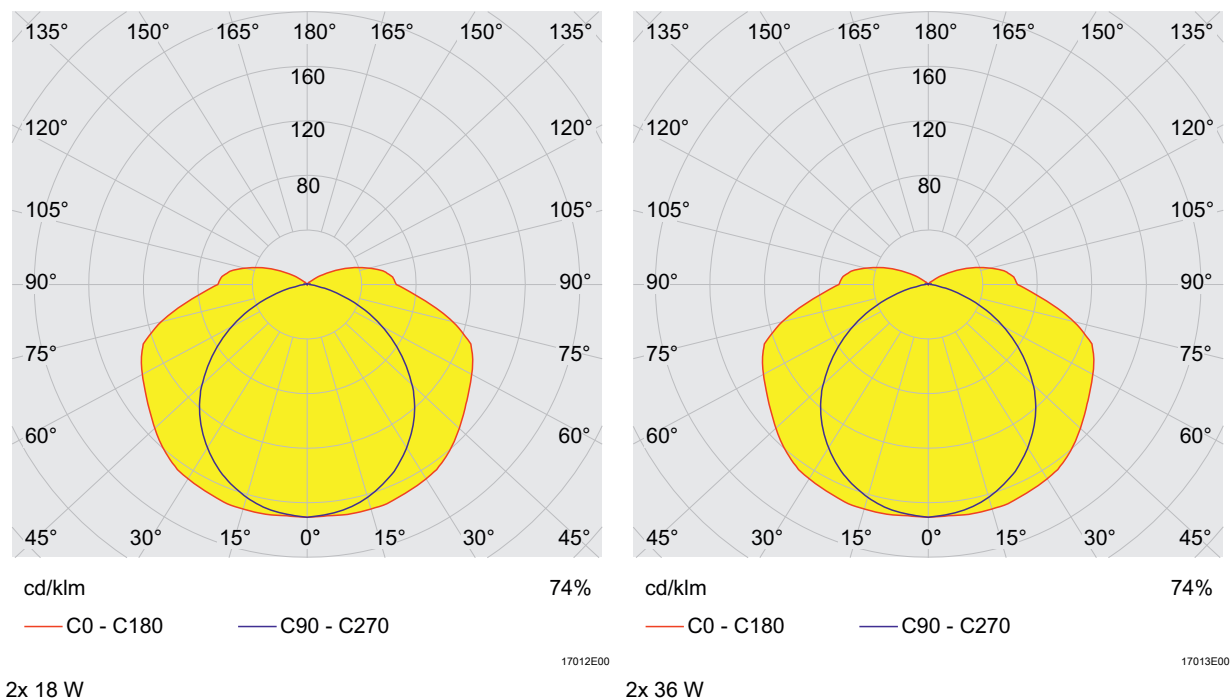
Technical Data

Mounting / Installation



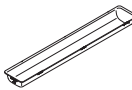
Cable glands	2x M20/M25 left and right, 1x cable glands and 3 stopping plugs as standard
Connection	Spring clamp terminal up to 4 mm ² 3-pole (2 x L1, 2 x N, 2 x PE) 5-pole (2 x L1, 2 x L2, 2 x L3, 2 x N, 2 x PE) Screw terminal up to 6 mm ² 3-pole (2 x L1, 2 x N, 2 x PE) 5-pole (2 x L1, 2 x L2, 2 x L3, 2 x N, 2 x PE)
Through wiring	option
Assembly	Suitable for wall and ceiling mounting. Mounting holes for screws M8 and elongated holes for screws M6 are available. Observe the assembly drawing.

E2

Light Distribution Curves






Accessories and Spare Parts

Designation	Figure	Description	Art. no.	Weight kg
Fluorescent lamp	 04936E00	Two-pin cap \varnothing 26 mm Light colour: universal white Pins made of brass		
		18 W 1350 lm	108952	0.100
		36 W 3350 lm	108951	0.200
Lamp-holder	 05888E00	Lamp holder for two-pin cap lamps G 13	107275	0.008
Diffuser cover	 05329E00	for light fitting 18 W	124890	0.500
		for light fitting 36 W	124897	0.860

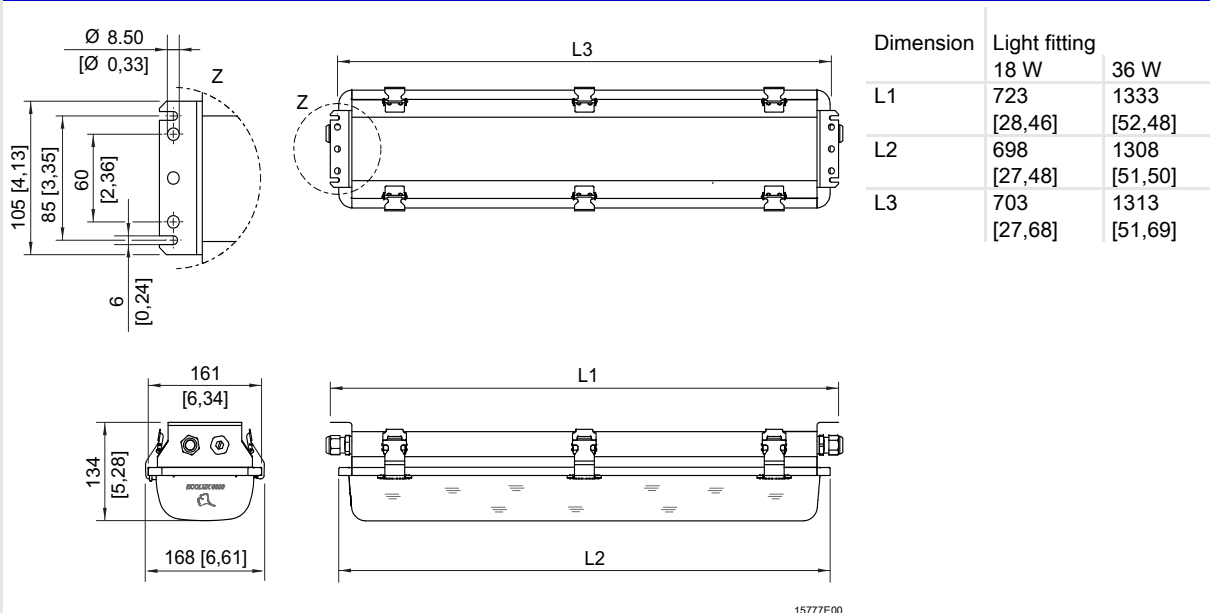
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Accessories and Spare Parts

Designation	Figure	Description	Art. no.	Weight kg	
Cable gland		02055E00 of moulded material, Series 8161			
		8161/7-M20-1304 4 ... 13 mm ²	1 piece	229917	0.012
		02055E00 8161/7-M20-1304 4 ... 13 mm ²	50 pieces (delivery lot*)	239156	0.600
		8161/7-M25-1707 7 ... 17 mm ²	1 piece	229918	0.020
Stopping plug		of moulded material, Series 8290			
		04840E00 8290/3-M20	1 piece	143522	0.005
		8290/3-M20	100 pieces	143543	0.500
		8290/3-M25 x 1,5	1 pieces	143524	0.007
Breathing gland		for installation in lights; in moulded material; without counter nut			
		05703E00 Thread: M25 x 1.5	1 pc	138573	0.010
		Thread: M25 x 1.5	20 pcs	138576	0.200

Dimensional Drawings (all Dimension in mm [inch]) - Subject to Alterations



Light Fitting ECOLUX METAL Serie 6610

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.