

# Linear Luminaire for Fluorescent Lamps

## Series ECOLUX METAL 6610/11



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
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#### 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)
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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	<b>6610/1152-2807-0110</b>	<b>229869</b>	5.460
			without	Stainless Steel SS316L	<b>6610/1152-2807-0114</b>	<b>229870</b>	5.560
		Plastic M20	without	Sheet Steel	<b>6610/1152-2808-0110</b>	<b>229865</b>	5.460
			without	Stainless Steel SS316L	<b>6610/1152-2808-0114</b>	<b>229866</b>	5.570
	2 x 36 W	Plastic M25	without	Sheet Steel	<b>6610/1154-2807-0110</b>	<b>229871</b>	8.000
			without	Stainless Steel SS316L	<b>6610/1154-2807-0114</b>	<b>229872</b>	8.100
		Plastic M20	without	Sheet Steel	<b>6610/1154-2808-0110</b>	<b>229867</b>	8.000
			without	Stainless Steel SS316L	<b>6610/1154-2808-0114</b>	<b>229868</b>	8.100

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

#### Technical Data

##### Electrical data

Ballast

	<b>6610/11.-....-1..</b>
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  $\varphi$

$\geq 0.97$

##### 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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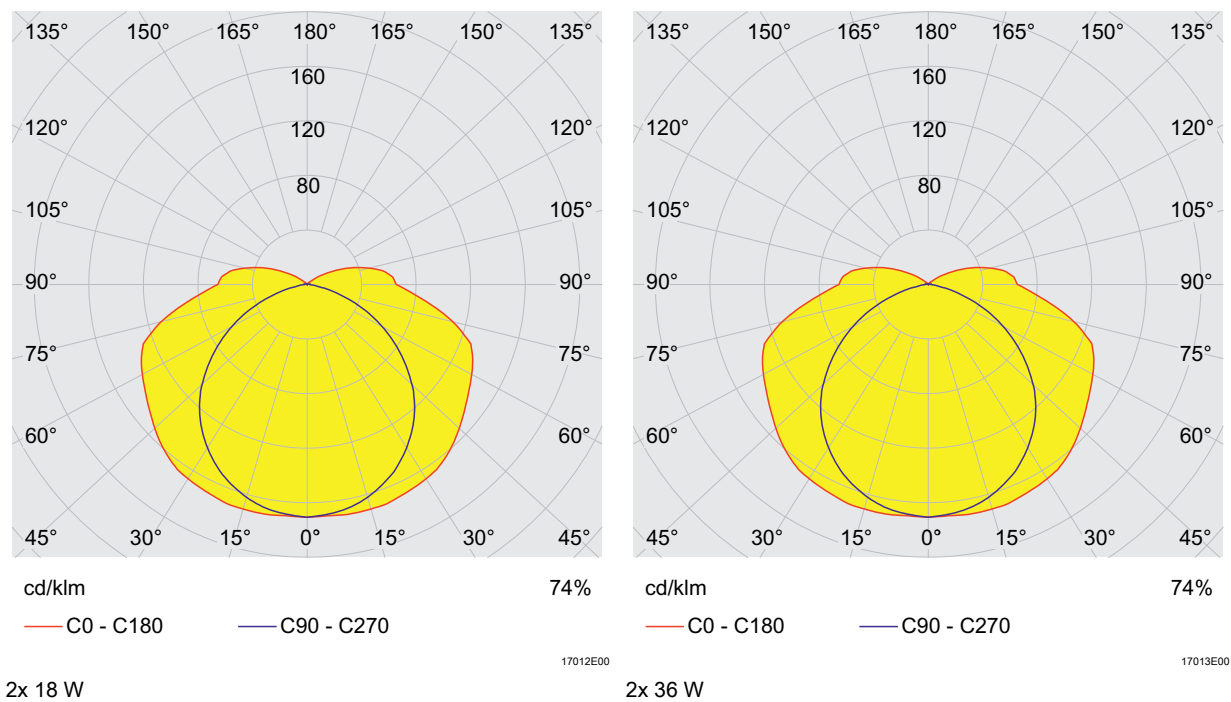
### Technical Data

#### Mounting / Installation



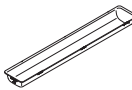
Cable glands	2x M20/M25 left and right, 1x cable glands and 3 stopping plugs as standard
Connection	Spring clamp terminal up to 4 mm <sup>2</sup> 3-pole (2 x L1, 2 x N, 2 x PE) 5-pole (2 x L1, 2 x L2, 2 x L3, 2 x N, 2 x PE) Screw terminal up to 6 mm <sup>2</sup> 3-pole (2 x L1, 2 x N, 2 x PE) 5-pole (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	<b>108952</b>	0.100
		36 W 3350 lm	<b>108951</b>	0.200
Lamp-holder	 05888E00	Lamp holder for two-pin cap lamps G 13	<b>107275</b>	0.008
Diffuser cover	 05329E00	for light fitting 18 W	<b>124890</b>	0.500
		for light fitting 36 W	<b>124897</b>	0.860

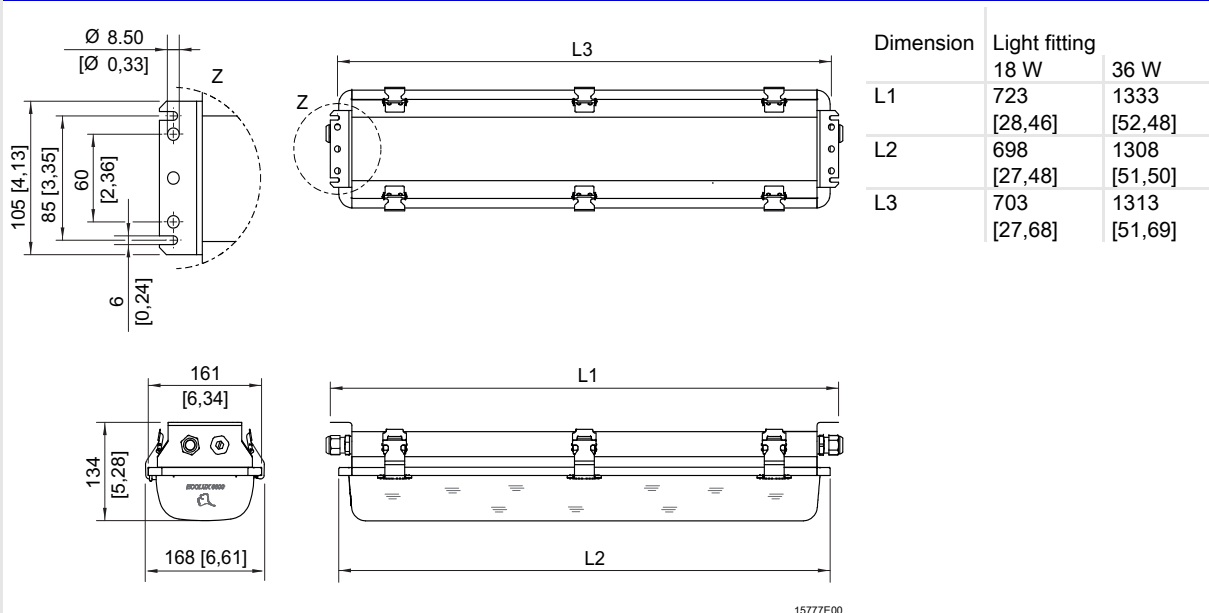
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### Accessories and Spare Parts

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