

Traffic Light

Series 6091/2



www.stahl.de



- > Available with 1, 2 or 3 lenses
- > Lenses in
 - red
 - signal yellow
 - green
 - blue
 - clear
- > Incandescent lamps
max. 60 W, 230 V
- > 4 m long connection lead



09273E00

E5

Series 6091/2 traffic lights are usable for controlling and signalling traffic respectively other movements in explosive gas atmospheres and areas with combustible dust.

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

Explosion Protection

Marking

Europe (ATEX)	
Gas explosion protection	II 2 G EEx ed IIC T1, T2, T3* * see table lamps
Dust explosion protection	II 3 D EEx T90 °C ... T115 °C* * see table lamps

Certificates

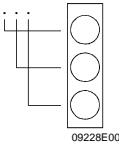
Europe (ATEX)	ISSeP 02 ATEX 040 X
Other certificates	CTB Russia, CQST China, Gospromnadzor Belarus, IZP Serbia

WebCode 6091A

Selection Table

Version	Description	Order number	Weight kg
Traffic light Series 6091/2	with 1 lens	6091/211- .	3.900
	with 2 lenses	6091/221- . .	8.000
	with 3 lenses	6091/231- . . .	10.000


Order Number Supplement

Lense position	Specify lens colour
6091 / 231 - . . .	Colour Code
	signal yellow 1
	clear 2
	red 3
	blue 4
	green 5

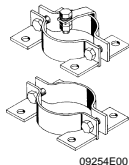
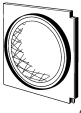




Technical Data

Mechanical data				
Degree of protection	IP54			
Material				
Housing	Polycarbonate, black			
Lenses	Polycarbonate, \varnothing 200 mm			
Sealing ring	Neoprene, black			
Reflector	Copper, chromium plated			
Sun cover	Polyamide			
Lamps				
Lamps	Incandescent lamp E27	Rated voltage capacity	Temperature class	Max. surface temperature
	25 W, 40 W, 60 W	230 V to 60 W 130 V to 60 W 130 V to 40 W 24 / 42 V to 60 W	T3 T1 T2 T2	T90 °C T95 °C T95 °C T115 °C
Ambient conditions				
Ambient temperature	- 20 ... + 40 °C			
Mounting / Installation				
Mounting position	Vertical			
Cover fixing	M5 stainless steel slotted cheese head screw; cover with hinges			
Rated operational voltage	24 V, 42 V, 130 V, 230 V			
Connection	Cable H07RN-F, length: 4 m 3 x 1,5 mm ² for 1 lens 4 x 1,5 mm ² for 2 lenses 5 x 1,5 mm ² for 3 lenses			

Accessories and Spare Parts

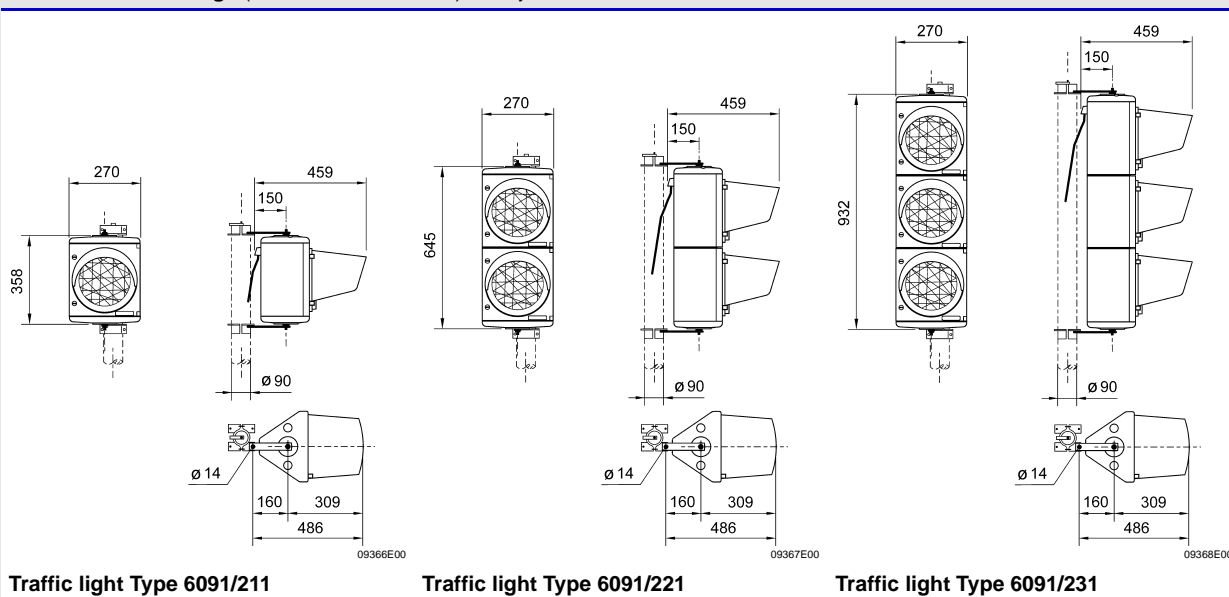
Designation	Illustration	Description	Art. no.	Weight kg
Incandescent lamp		40 W E27 230 V	111690	0.044
		60 W E27 230 V	111691	0.042
		40 W E27 130 V	109305	0.042
		40 W E27 24 V	108859	0.042
		60 W E27 24 V	108860	0.042
		40 W E27 42 V	108862	0.042
		60 W E27 42 V	108863	0.042

Accessories and Spare Parts

Designation	Illustration	Description	Art. no.	Weight kg
Pole mounting set	 09254E00	For pole mounting, diameter 90 mm 1 pair	118901	1.100
Lenses with front cover	 05433E00	Colour: signal yellow Colour: clear Colour: red Colour: blue Colour: green	118905 118909 118911 118902 118907	0.585 0.600 0.585 0.600 0.500
Sun cover	 05434E00	Spare part, included in delivery	118915	0.457
Reflector	 05432E00		118913	0.180
Lampholder	 09368E00	E27 in Ex ed (complete)	118903	0.300
Mounting rails	 09370E00	Spare part, included in delivery	118900	0.210

E5

Dimensional Drawings (All Dimensions in mm) - Subject to Alterations



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