

ToughLUX linear luminaire with LED

Series L402/6 Industrial design

STAHL



- Highly resistant industrial design
- Can be used as a humidifier luminaire and in environments with high mechanical loads
- Linear luminaire with long-life, efficient LED technology (up to 160 lm/W)
- Very lightweight and robust, with an impact strength rating of IK10
- Easy to install and easy to maintain thanks to the central lock

MY R. STAHL L402B

The ToughLUX L402/6 luminaire is designed for industrial use and can be fitted to the ceiling, a pole, or alternatively, it can be suspended. A bright light for not much energy is what you get with this efficient LED technology, which offers the added benefit of increased service life – this can be as much as 100,000 hours. The plastic enclosure is easily to open by a central lock.

Selection Table

Size	2					
Lamp wattage	19 W					
Luminous flux	Luminaire efficacy	Drilled holes	Threaded plate	Product Type	Art. No.	Weight
2800 lm	147 lm/W	3 x M25	2x plastic	L402/6328-8100-530-1110-11-8400	349876	3.4 kg
		3 x M20	2x SS430 stainless steel	L402/6328-8100-530-2220-22-8400	351527	3.4 kg
Size	4					
Lamp wattage	35 W					
Luminous flux	Luminaire efficacy	Drilled holes	Threaded plate	Product Type	Art. No.	Weight
5600 lm	160 lm/W	3 x M25	2x plastic	L402/6348-8100-530-1110-11-8400	349641	6 kg
		3 x M20	2x SS430 stainless steel	L402/6348-8100-530-2220-22-8400	351526	6 kg

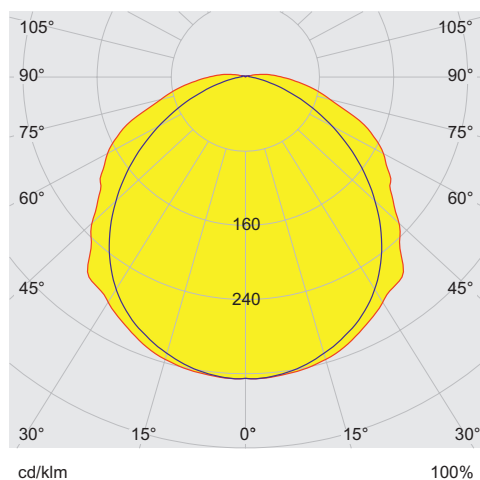
Technical Data

Explosion Protection	
Declaration of conformity	CE declaration of conformity
Electrical Data	
AC rated operational voltage	220 ... 240 V
Ambient Conditions	
Ambient temperature	-20 °C ... 50 °C
Lighting Data	
Lamp	LED
Light colour	4000 K – warm neutral white
Light distribution	120°x120° with diffusing glass
Colour rendering	≥ 80
Colour temperature	4000 K
Mechanical Data	
IP degree of protection (IEC 60598)	IP66/IP67
Class	I (with inner PE connection)
Enclosure material	Polyester resin, Glass fibre reinforced
Enclosure colour	Light grey (RAL 7035)
Diffuser	With diffuser

Technical Data

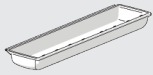
Mechanical Data	
Sealing material	Silicone
Translucent cover material	Polycarbonate
Translucent cover	Clear
Installed terminal strip	PE + N + L1
Max. solid connection terminals	4 mm ²
Type of connection cable	Finely stranded Solid
Impact strength (IEC 62262)	IK10
Disconnection of the luminaire	No
Components	
Ballast	VG Tridonic 40 W 250 mA
Through wiring	without

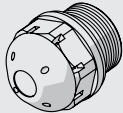
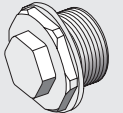
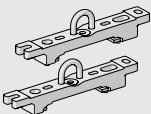
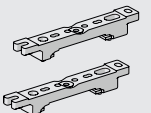
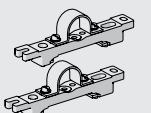
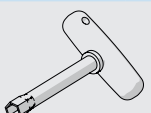
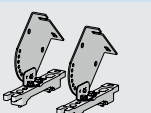
Light Distribution Curves – Subject to Alterations



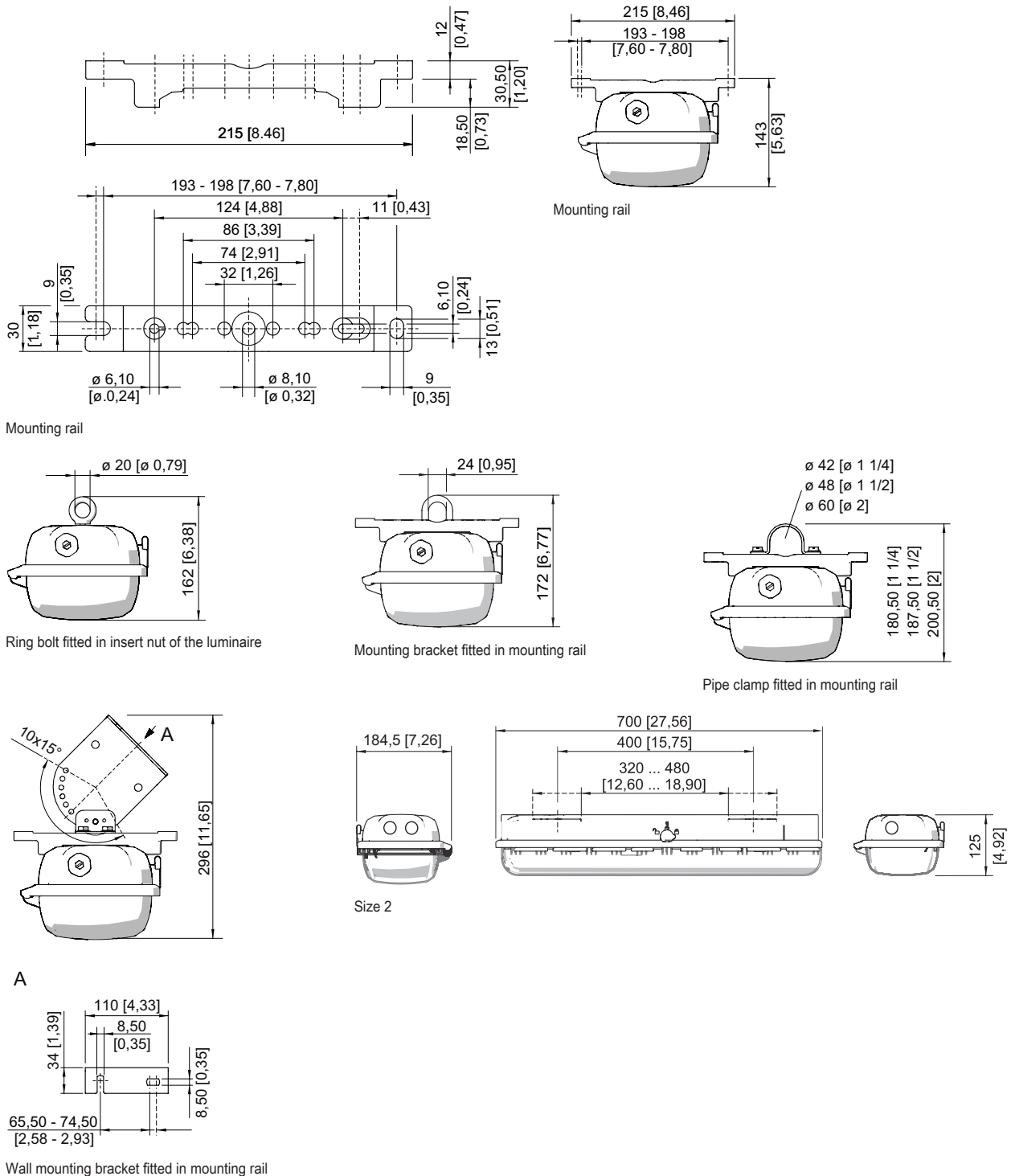
typical with diffusor, clear translucent cover

Accessories

Figure	Description	Art. No.	Weight
Cover			
	For size 2 luminaires (diffuse), when used on an emergency luminaire with individual power supply, the visibility of the display LED may be restricted	276669	1 kg
	For size 4 luminaires (diffuse), when used on an emergency luminaire with individual power supply, the visibility of the display LED may be restricted	276670	1.2 kg
Pole mounting sleeve			
	for the subsequent mounting on lights size 2 and size 4, completely with assembly parts (for pipe diameter 42 mm)	227512	3.2 kg
Holder for translucent cover			
	The fall prevention system for the light fitting cover prevents the light fitting cover from falling accidentally when the light fitting is opened.	226791	21 g

Accessories			
Figure	Description	Art. No.	Weight
Breather			
	Thread: M25 x 1.5 (20 pieces); without jam nut	285780	200 g
	M25 x 1.5 in order to avoid condensate formation	115738	17 g
	Thread: M25 x 1.5 (1 piece); for installation in light fittings; made from stainless steel; without jam nut	296608	76 g
Mounting bracket			
	mounting clamp mounted on a mounting rail for a variable mounting distance; 1 pair	222456	400 g
Mounting rail			
	for a variable mounting distance; 1 pair	222826	350 g
Ring bolt			
	M8, direct mounting in insert nuts; 1 pair	115736	115 g
Pipe clamp			
	R 1 1/2"; with mounting rail for a variable mounting distance; material: stainless steel; 1 pair	222459	700 g
	R 1 1/4"; with mounting rail for a variable mounting distance; Material: stainless steel; 1 pair	222458	700 g
	R 2"; with mounting rail for a variable mounting distance; Material: stainless steel; 1 pair	222460	750 g
Box spanner			
	M8 / A/F 13; For actuating the central lock	222430	110 g
Ceiling and wall mounting bracket			
	mounted on a mounting rail for a variable mounting distance; Material: stainless steel; Lamp can be swiveled in steps of 15°; 1 pair	222827	1.2 kg

Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



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