

Pendant Light Fittings Series 6052

- Can be used in Zones 1 & 2, 21 & 22
- Can be supplied for use with the following lamps
 - Blended lamps (LME) max. 500 W
 - Mercury lamps (HM) max. 400 W
 - High pressure sodium vapour lamps (HS) max. 350 W
- Light metal housing with wire guard of zinc-coated steel wire
- Presses glass cover resistant to temperature changes




01929E00

STAHL

When the cover glass is opened to change the lamp the main connection to the lamp socket is broken. The Compensation unit is accommodated in special enclosure mounted on the light fitting.

Zones 1 & 2, 21 & 22

Selection table

Version	Description			Ordering code	Weight kg
 <p>6052 Pendant light fitting <small>00756E00</small></p>	Lamps ¹⁾	Power	Temperature class		
	LME	up to 250 W	T4	6052/3-30	25,000
	LME	up to 500 W	T3	6052/3-40	25,000
 <p>6052 Pendant light fitting with ballast <small>02273E00</small></p>	for HM-lamps	up to 250 W	T4	6052/3-10	25,330
	for HS-lamps	up to 220 W	T4		
	for HM-lamps	up to 400 W	T4	6052/3-20	27,000
	for HS-lamps	up to 350 W	T4		
 <p>6052 Pendant light fitting with ballast and compensation unit enclosure attached <small>02273E00</small></p>	for HM-lamps	up to 250 W	T4	6052/3-11	31,200
	for HS-lamps	up to 220 W	T4		
	for HM-lamps	up to 400 W	T4	6052/3-21	32,000
	for HS-lamps	up to 350 W	T4		

Note

- The light fittings are supplied without lamps and mounting material, see accessories

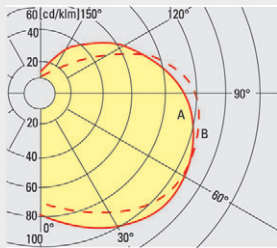
- ¹⁾ LME → Blended lamps
 HM → High pressure mercury vapour lamps
 HS → High pressure sodium vapour lamps



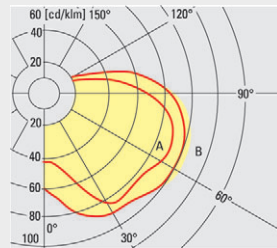
Technical Data

Explosion protection						
Gas explosion protection	Ⓢ II 2 G EEx de IIC T* *Temperature class					
	with blended lamp (LME)	max. 250 W	T4			
		max. 500 W	T3			
	with HM lamp (acc. to IEC 188)	max. 250 W	T4			
		max. 400 W	T4			
	with HS lamp (acc. to IEC 662)	max. 350 W	T4			
Dust explosion protection	Ⓢ 2D IP65 T130 °C or T195 °C					
Certificates						
Gas explosion protection	LCIE 03 ATEX 6326					
Dust explosion protection	LCIE 03 ATEX 6326					
Material						
Housing	Light metal					
Wire guard	Steel wire, galvanized					
Glass	Pressed glass, resistant to temperature changes					
Lamps	Lampholder E 40					
	Blended lamp	250 W, 500 W				
	HM-lamp	250 W, 400 W		a) Elliptical version (HME)		
				b) Reflector pattern version (HMR)		
	HS-lamp	220 W, 350 W				
Rated working voltage	230 V, 50 Hz					
Rated current			Blended lamp		HM	
			HS			
	250 W	500 W	250 W	400 W	220 W	350 W
	1.23 A	2.4 A	2.15 A	3.25 A	2.2 A	3.6 A
	Power factor cos φ					
	uncompensated	0.94	0.94	0.55	0.62	0.55
	compensated	-	-	0.95	0.95	0.95
	Efficiency of fitting	-	-	55 %	46 %	70 %
	with Reflex coating	-	-	79 %	74 %	-
	Luminous flux	5600 lm	1400 lm	13500 lm	22000 lm	18000 lm
						34500 lm
Degree of protection	IP 65					
Ambient temperature	- 20 °C ... + 40 °C					
Cover fixing	M 6 hexagon head screw					
Connection	Terminals L1 + N + PE for 2 x 6/10 mm ² flexible- / solid					
Cable entry	1 x M 25 x 1,5 cable entry 1 x M 25 x 1,5 plug					
Ballast Compensation (for fittings HM- and HS-lamps)	for pendant light fittings 6052 in housing 6198 As there is insufficient space in the main housing compensation to accommodate ballast and compensation units, the unit is therefore fitted into an additional enclosure, type 6198, mounted on top of the light fitting.					
Explosion protection	Ⓢ II 2 G EEx de II C T5					
Test certificate	LCIE 03 ATEX 6327					
Enclosure material	light metal					
Cover lock	M 6 hexagon head screw					
Degree of protection	IP 65					
Connections	Terminal L1 + N für 2 x 2,5 / 4 mm ² flexible / solid Terminal PE für 2 x 6 / 10 mm ² flexible / solid					
Cable entries	2 x M 25 x 1,5 cable gland 1 x M 25 x 1,5 plug					

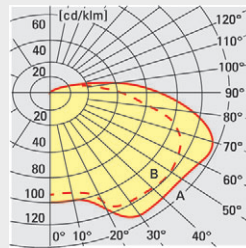
Luminous intensity distribution



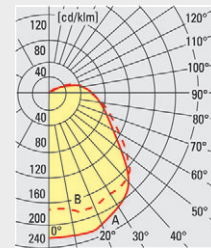
Pendant light fittings 6052/3-30 with blended lamp
A = 250 W, B = 500 W



Pendant light fittings 6052 with high-pressure sodium vapour lamp
A = 220 W, B = 350 W

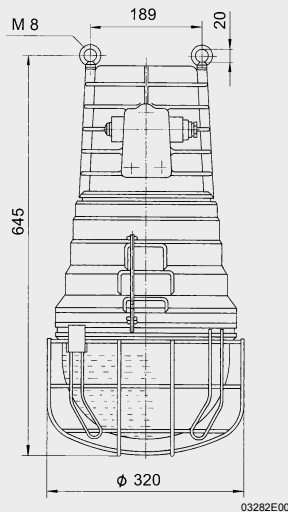


Pendant light fittings 6052 with high pressure mercury vapour lamp
A = 250 W, B = 400 W

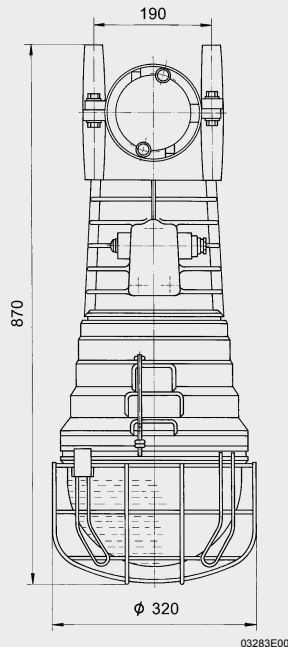


Pendant light fittings 6052 with high-pressure, reflector pattern mercury vapour lamp
A = 250 W, B = 400 W

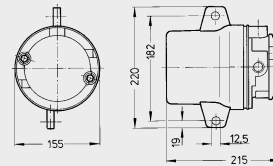
Dimension drawings (all dimensions in mm) - subject to alterations



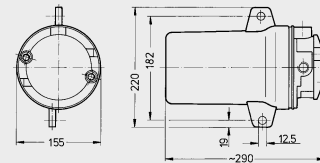
Pendant light fittings 6052



Pendant light fittings 6052 with ballast with / without compensation



Ballast, 6198/32







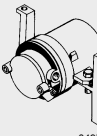
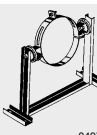







Ballast, 6198/31 with compensation

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.

Accessories and spare parts

Designation	Illustration	Description	Ordering code	Weight kg
Blended lamp LME		160 W E 27 230 V 3150 lm	4616660	0,082
		250 W E 40 230 V 5500 lm	4611100	0,160
		500 W E 40 230 V 13000 lm	4611110	0,280



Accessories and spare parts							
Designation	Illustration	Description				Ordering code	Weight kg
Mercury lamp HM	 04963E00	80 W	E 27	230 V	3800 lm	5126070	0,064
		125 W	E 27	230 V	6500 lm	5126080	0,320
		250 W	E 40	230 V	20000 lm	5126090	0,092
		400 W	E 40	230 V	31500 lm	5126100	0,305
	 05363E00	250 W	E 40	230 V	12000 lm	5126040	0,286
		400 W	E 40	230 V	20500 lm	5126050	0,470
High-pressure sodium vapour lamp HS	 04963E00	with integrated starter					
		70 W	E 27	230 V	5600 lm	4616720	0,080
		220 W	E 40	230 V	20000 lm	4616740	0,044
		350 W	E 40	230 V	34000 lm	4616730	0,275
Ring bolt	 05378E00	M 8, 1 pair for 6052				4616860	0,220
Compensation	 04970E00	Type 6198/31-25	für 250 W HM für 220 W HS		6198004010	4,200	
		Type 6198/31-40	für 400 W HM für 350 W HS		6198005010	3,800	
Adjustable mounting frame	 04972E00	The adjustable mounting frame enables a range of up to 120 ° starting at the vertical					
		light industrial version				4617750	6,600
		heavy vibration proof version				4617760	11,132
Wire guard	 04959E00	steel, galvanized				4617740	0,995
Replacement glass with ring	 04960E00	Presses glass, resistant to temperature changes				8382001210	10,860
Lampholder	 04962E00	Size E 40				4616620	0,491
Release device	 04977E00	Fixing ring release devices are clipped to the well-glass ring of the fitting. The lever and counter-lever allow release of even the most tightening screwed rings				4617730	2,160
Gasket (for 6052)	 09769E00	for replacement glass				4617690	0,082
	 04975E00	for terminal box				4616030	0,010
Gasket (for 6198)	 04967E00	for replacement glass for terminal box				4616020	0,020