



Pendant Light Fittings Series 6051

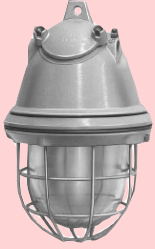

- Can be used in Zone 1 and Zone 2
- Can be supplied for use with the following lamps
 - Incandescent lamps up to 200 W
 - Blended lamps up to 160 W
 - Energy-saving lamps up to 23 W
 - Halogen lamps up to 150 W
 - High-pressure mercury vapour lamps up to 125 W
 - High-pressure sodium vapour lamps up to 70 W
- Light metal enclosure with wire guard of zinc-coated steel wire
- Presses glass cover resistant to temperature changes

If required ballast and compensation units are accommodated in a special enclosure fixed to the light fitting.

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Zone 1 and Zone 2

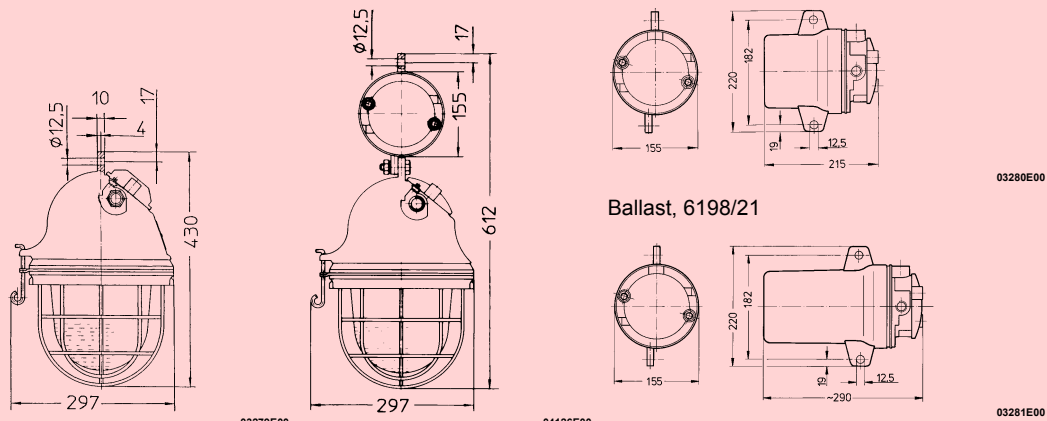
Selection table

Version	Description	Lamps	Ordering code	Weight
	Version of light fitting			kg
 <p>6051 Pendant light fitting</p> <p>00204E00</p>	Pendant light fitting	Incandescent lamps up to 75 W T6 up to 100 W T5 up to 200 W T4 <hr/> Blended lamps up to 160 W T4 <hr/> Energy-saving lamps up to 23 W T6 <hr/> Halogen lamps up to 100 W T5 up to 150 W T4	6051/3-00	7,700
 <p>6051 Pendant light fitting with ballast 6198</p> <p>00371E00</p>	Pendant light fitting with ballast	HM-lamp up to 80 W T5	6051/3-10	17,000
		HM-lamp up to 70 W T5	6051/3-30	15,000
		HM-lamp up to 125 W T5	6051/3-20	15,300
	Pendant light fitting with ballast and compensation units	HM-lamp up to 80 W T5	6051/3-11	12,720
		HM-lamp up to 70 W T5	6051/3-31	17,600
		HM-lamp up to 125 W T5	6051/3-21	15,400

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



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



Pendant light fitting, 6051/3-00

Pendant light fitting, 6051/3 with ballast with / without compensation

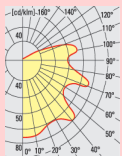
Ballast, 6198/22 with compensation

Technical Data

Explosion protection	II 2G EEx de IIC T*			
	*Temperature class			
	with Incandescent lamps (to IEC 64)	up to 75 W: T6		
		up to 100 W: T5		
		up to 200 W: T4		
	with Blended lamps	up to 160 W: T4		
	with HM-lamps (to IEC 188)	up to 80 W: T5		
		up to 125 W: T4		
	with HS-lamps (to IEC 662)	up to 70 W: T6		
	Energy-saving lamps	up to 23 W: T6		
	with Halogen lamps (to IEC 357)	up to 100 W: T5		
		up to 150 W: T4		
Certificates	LCIE 03 ATEX 6324			
Material				
Glass	Pressed glass, resistant to temperature changes			
Wire guard	Steel wire, galvanized			
Enclosure	Light cast alloy			
Lamps	Lampholder E27	Incandescent lamp	up to 200 W	
		Blended lamp	160 W	
		HM-lamp	80 W, 125 W	
		HS-lamp	70 W	
		Energy-saving lamps	up to 23 W	
		Halogen lamps	up to 150 W	
Rated working voltage	max. 230 V, 48 Hz ... 62 Hz			
Lamps	Blended	HM	HM	HS
Lamp wattage	160 W	80 W	125 W	70 W
Rated current	0,75 A	0,8 A	1,15 A	0,96 A
Starting current	0,9 A	1,2 A	1,8 A	1,2 A
Power factor cos φ				
uncompensated	0,94	0,5	0,54	0,36
compensated	–	0,95	0,95	0,95
Efficiency of fitting	64 %	70 %	70 %	70 %
Luminous flux	3000 lm	3800 lm	6300 lm	3150 lm
Degree of protection	IP 65			
Ambient temperature	-30°C ... +40°C for Incandescent lamps -20°C ... +40°C for Blended, HM- and HS-lamps			
Cover fixing	M 6 external hexagon head screw			
Connection	Terminal L1 + N for 2 x 2.5 mm ² flexible/solid PE: for 2 x 6/10 mm ² flexible/solid			
Cable entry	2 x M 25 x 1.5 cable gland 1 x M 25 x 1.5 plug			

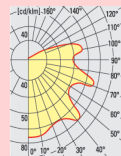
Technical Data

Ballast Compensation (for fittings HM- and HS-lamps)	for pendant light fittings 6051 in enclosure 6198	
	Enclosure 6198/21 with integral ballast	Enclosure 6198/22 with integral ballast and compensation
Explosion protection	⊕ II 2G EEx de IIC T5 / T4	
Certificates	LCIE 03 ATEX 6325	
Enclosure material	Light cast alloy	
Cover lock	M 6 hexagon head screw	
Degree of protection	IP 65	
Connections	Terminal L1 + N: for 2 x 2.5/4 mm ² flexible-/solid PE: for 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	



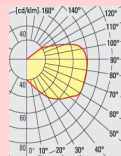
09160E00

Pendant light fittings, 6051/3-00 with incandescent lamps 200 W



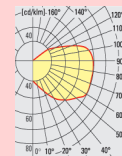
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Pendant light fittings, 6051/3-00 with blended lamp 160 W



08968E00






Pendant light fittings, 6051/3-20/21 with high-pressure mercury vapour lamp 125 W





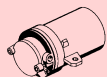




08969E00

Pendant light fittings, 6051/3-10/11 with high-pressure sodium vapour lamp 70 W

Accessories and spare parts

Designation	Illustration	Description	Ordering code	Weight kg
Incandescent lamp	 04958E00	E 27 75 W	4616310	0,040
		E 27 100 W	4616200	0,088
		E 27 200 W	5126170	0,076
Blended lamp	 04963E00	E 27 160 W	4616660	0,082
High-pressure mercury lamp	 04963E00	E 27 80 W HME 80	5126070	0,064
		E 27 125 W HME 125	5126080	0,320
High-pressure sodium vapour lamp	 04963E00	E 27 70 W HSE 70 with integrated starter	4616720	0,080
Energy-saving lamp	 05459E00	without reflector E 27 7 W	4616070	0,068
		without reflector E 27 9 W	4616080	0,058
		Without reflector E 27 11 W	4616090	0,066
		without reflector E 27 15 W	4616110	0,072
		without reflector E 27 20 W	4616130	0,096
		without reflector E 27 23 W	4616150	0,152
		with reflector E 27 11 W	4616100	0,115
		with reflector E 27 15 W	4616120	0,140
		with reflector E 27 20 W	4616140	0,164



Accessories and spare parts				
Designation	Illustration	Description	Ordering code	Weight kg
Halogen lamp	 05355E00	E 27 75 W	4616360	0,010
		E 27 100 W	4616370	0,100
		E 27 150 W	4616380	0,040
Ballast	 04964E00	Type 6198/21-08 for 80 W HM	6198002010	4,000
		Type 6198/21-07 for 70 W HS	6198001010	3,500
		Type 6198/21-12 for 125 W HM	6198003010	3,500
Ballast with compensation	 04965E00	Type 6198/22-98 for 80 W HM	6198007010	5,500
		Type 6198/22-97 for 70 W HS	6198006010	0,500
		Type 6198/22-99 for 125 W HM	6198008010	5,200
Wire guard	 04959E00	Steel , zinc coated	8381901620	0,560
Replacement glass with screw ring	 04960E00	Pressed glass, resistant to temperature changes	8381001210	5,200
Gasket ring (for 6051)	 09469E00	for replacement glass	8381901950	0,010
		for connection enclosure	4617700	0,010
Gasket (for 6198)	 04967E00	for replacement glass for terminal box	4616020	0,020

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.