






ORION LED IP 66

Zone 1/21 II 2G Ex db eb op is IIC T5-T6 Gb
Zone 2/22 II 2D Ex tb IIIC Tmax. of surface Db



	230V 50Hz		IP66	ATEX 2014/34/EU
			Ta	-40°C ÷ +50°C (T5) -40°C ÷ +40°C (T6)
220-230V AC 170-276V DC		Carton (mm/pcs): 410 x 240 x 240 / 1		

Use: Explosion-proof light fitting for the illumination of indoor and outdoor industrial spaces with a danger of gas, vapour and dust explosion.

Technical description:

The body and flange of the light fitting are AlSi alloy castings finished with RAL 1005 powder paint. The optical cover is made of tempered glass. A steel suspension with an eye is fixed to the top part of the body. There are two cable outlets on the light fitting sides. There is an LED module built inside the light fitting and it is comprised of a board fitted with LEDs and a power supply. The light fitting is designed as a through light fitting, for two phase alternation (four-core cable). When the light fitting is used as a terminal light fitting, the free cable outlet is blinded with a plug. The max. cross-section of the connecting conductors is 4 mm².

Installation:

With a steel suspension with an eye ø18 mm. Versions: Light fittings are made in a version with an electronic adjustable ballast (EVG DIMM) which enables the adjusting of the luminous flux and thus the light fitting power inlet to 50%. Light fittings are provided with a self-resetting thermal fuse and a surge guard up to 3 kV. Standard light fittings are available with cable outlets M25x1.5, optionally with cable outlets M20x1.5.

To order:







Type	Power input [W] / Luminous flux [lm]	Luminous efficiency [lm/W]	Temperature class	T max of surface [°C]	Angle of beam [°]	Colour temperature [K]	CRI	Weight [kg]
591 39 04 (K)	45 / 6000	133	T5	83	120	4000	>80	10
	25 / 3000	120	T6	73	120	4000	>80	10

* By adding letter „K“ behind type designation, light fittings will be provided with protective steel baskets (591 39 04K).

ORION IP 65

Zone 1/21 II 2G Ex db eb IIC T4-T6 Gb
Zone 2/22 II 2D Ex tb IIIC Tmax. of surface Db



	230V 50Hz		IP65	ATEX 2014/34/EU
	220V DC		Ta	-20°C ÷ +40°C -20°C ÷ +50°C version „I“ -50°C ÷ +40°C version „F“
Carton (mm/pcs): 410 x 240 x 240 / 1		430 x 240 x 240 / 1 K		

For version „F“

Zone 1/21 II 2G Ex db eb IIB T4-T6 Gb
Zone 2/22 II 2D Ex tb IIIC Tmax. of surface Db

Use: Explosion-proof light fitting for the illumination of indoor and outdoor industrial spaces with a danger of gas, vapour and dust explosion.

Technical description:

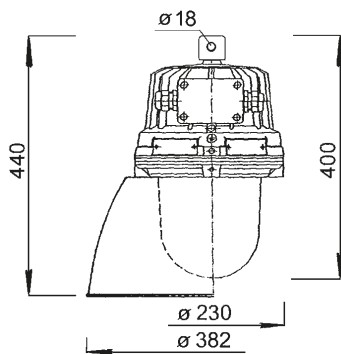
The body and flange of the light fitting are AlSi alloy castings finished with RAL 1005 powder paint. The optical cover is made of tempered glass. A steel suspension with an eye is fixed to the top part of the body. There are two cable outlets on the light fitting sides. The steel base plate with electrical equipment and reflector is built inside the light fitting. The light fitting is designed as a through light fitting, for two phase alternation (four-core cable). When the light fitting is used as a terminal light fitting, the free cable outlet is blinded with a plug. The max. cross-section of the connecting conductors is 4 mm².

Installation:

With a steel suspension with an eye ø18 mm.

Versions:

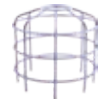
Standard light fittings are available with cable outlets M25x1.5, optionally with cable outlets M20x1.5.



To order:



Shade
254.5021/01



Protective basket
2-99.7461



Spanner
3-99.6158/1



Holder for mounting on
the ceiling 4-99.7995



Holder for mounting
on the wall
338.2735



Screw plug V-Ex
M25x1,5, M20x1,5



Blinding plug HSK-V-Ex
M25x1,5, M20x1,5



Screw plug V-Ms-VMQ-Ex
M25x1,5, M20x1,5

Type	Recommended light source [W]	Temperature class	T max of surface [°C]	Voltage [V/Hz]	Weight [kg]
511 37 02	Halogen bulb Philips EcoClassic 140	T4	101	230/50	8,5
	Halogen bulb Philips EcoClassic 105	T5	90	230/50	8,5
	Halogen bulb Philips EcoClassic 70	T6	77	230/50	8,5
	Compact fluorescent tube OSRAM DULUX EL Longlife 23	T6	59	230/50	8,5
	Compact fluorescent tube Philips Master PL Electronic 23	T6	63	230/50	8,5
	Compact fluorescent tube Philips Master PL Electronic Globe 23	T6	58	230/50	8,5
	Bulb CLAS 200	T4	104	230/50	8,5
	Bulb CLAS 150	T5	92	230/50	8,5
	Bulb CLAS 60-100	T6	80	230/50	8,5
	Blended lamp HWL 160	T5	90	230/50	8,5
541 33 03	High-pressure mercury discharge lamp HQL 80	T4	95	230/50	8,5
	High-pressure sodium discharge lamp NAV-E 50/I	T4	81	230/50	8,5
541 33 04	High-pressure mercury discharge lamp HQL 125	T4	121	230/50	9
	High-pressure sodium discharge lamp NAV-E 110/I	T4	99	230/50	9
541 33 06	High-pressure sodium discharge lamp NAV 70	T5	86	230/50	8,5
	High-pressure halide lamp HQI 70	T6	80	230/50	8,5
581 04 02	Compact fluorescent tube DULUX D 26	T6	60	230/50	8,5
511 37 02 t	Halogen bulb Philips EcoClassic 140	T4	111	230/50	8,5
	Halogen bulb Philips EcoClassic 105	T4	100	230/50	8,5
	Halogen bulb Philips EcoClassic 70	T6	87	230/50	8,5
	Bulb CLAS 200	T4	114	230/50	8,5
	Bulb CLAS 150	T4	102	230/50	8,5
	Bulb CLAS 60-100	T5	90	230/50	8,5
	Blended lamp HWL 160	T4	100	230/50	8,5
	Compact fluorescent tube OSRAM DULUX EL LONGLIFE 23	T6	69	230/50	8,5
	Compact fluorescent tube PHILIPS PL ELECTRONIC GLOBE 23	T6	68	230/50	8,5
	Compact fluorescent tube PHILIPS MASTER PL ELECTRONIC 23	T6	73	230/50	8,5
541 33 03 t	High-pressure mercury discharge lamp HQL 80	T4	105	230/50	8,5
	High-pressure sodium discharge lamp NAV-E 50/I	T4	91	230/50	8,5
541 33 04 t	High-pressure mercury discharge lamp HQL 125	T3	131	230/50	9
	High-pressure sodium discharge lamp NAV-E 110/I	T4	109	230/50	9
581 04 02 t	Compact fluorescent tube DULUX D 26	T6	70	230/50	9
511 37 02 F	Halogen bulb Philips EcoClassic 140	T4	101	230/50	8,5
	Halogen bulb Philips EcoClassic 105	T5	90	230/50	8,5
	Halogen bulb Philips EcoClassic 70	T6	77	230/50	8,5
	Bulb CLAS 200	T4	104	230/50	8,5
	Bulb CLAS 150	T5	92	230/50	8,5
	Bulb CLAS 60-100	T6	80	230/50	8,5
	Blended lamp HWL 160	T5	90	230/50	8,5
541 33 04 F	High-pressure mercury discharge lamp HQL 125	T4	121	230/50	8,5
	High-pressure sodium discharge lamp NAV-E 110/I	T4	99	230/50	8,5
511 37 02 S	Bulb 100	T5	81	220 DC	8,5

* By adding letter „K“ behind type designation, light fittings will be provided with protective steel baskets (511 37 02K, 511 37 02KF).