

OREX 1

High bay lighting specific for explosive environments

Zone 1, 21



									5 YEARS warranty	
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Benefits

- High bay ready for hazardous environments with up to **24,000 lm**.
- Suitable for **outdoor**
- Extreme resistance to weather and tough industrial conditions thanks to its glass cover and **copper-free** aluminium housing.
- Wide temperature range, from **-32°C up to 75°C**.
- Several accessories to improve the installation.

Characteristics

IP 66	IK 10	Frequency 0-50/60Hz	Rated voltage 90-250 VAC 140-250 VDC	NON-SELV	
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Mechanical characteristics

Profile	Copper-free casing aluminium alloy with surface protected against impacts and corrosive environments Grey RAL 7035 optional
Diffuser	Hardened glass
Cable entry	Cable gland 2xM20x1.5 (M25 optional)
Eyebolt	Stainless steel

Electrical characteristics

Connection	3/5 - pole screwless connector
Power factor	> 0.95 full load
THD	< 20% full load
Inrush current	Cold start 65A (twidth=550µs measured at 50% Ipeak) at 230VAC
Class protection	Class I
Rated voltage	90-250VAC / 140-250VDC

Explosion-proof parameters

ATEX / IECEx marking	Ex II 2G Ex eb ib mb op is IIC T5...T4 Gb Ex II 2D Ex tb op is IIIC T95°C...T121°C Db
ATEX certificate No	OBAC 21 ATEX 0135X
IECEx certificate No	IECEx OBAC 21.0003X

Functional characteristics

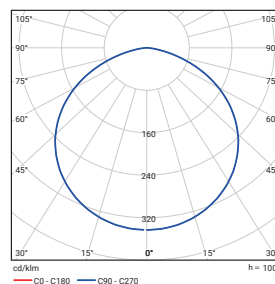
Lifetime	L80 90.000 at 25°C
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Compliance



Photometrical characteristics

SDCM	< 3
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OREX 1

Description

FAMILY	DIFFUSER	DIAMETER (mm)	LUMINOUS FLUX (lm)	CRI + LIGHT COLOUR	DRIVER	EXTERNAL CONNECTION	ADDITIONAL INFORMATION
> OREX 1 Ex	> _: standard glass	> 39: Ø390 x 140	> 60: 6000 > 90: 9000 > 120: 12000 > 150: 15000 > 180: 18000 > 210: 21000 > 240: 24000	> 840: CRI>80 4000K	> ET: non-dimmable > ETDD: DALI dimmable	> CG: polyamide cable gland > NiCG: nickel-plated cable gland > ACG: nickel-plated cable gland for armoured cable	> HT: high temperature version

Special options under request

Ask our Sales Team for more details	> G1: milky glass	> 225: 22500	> 850: CRI>80 5000K > 830: CRI>80 3000K > 865: CRI>80 6500K	> 10V: 1-10V	> BCG: brass cable-gland > H: no cable gland	> RAL7035: aluminum painted in RAL7035 (grey)
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Operational data

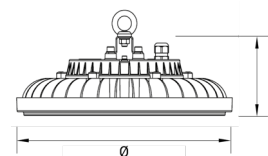
Description	Order number	Luminous flux (lm)	Power (W)	Efficiency (lm/W)	Colour temperature (K)	CRI	Temperature range
OREX 1 Ex 39 60-840 ET CG	10260621	6000	40	150	4000	80	(-32°C - +60°C) / T5
OREX 1 Ex 39 90-840 ET CG	10237737	9000	60	150	4000	80	(-32°C - +60°C) / T5
OREX 1 Ex 39 120-840 ET CG	10260622	12000	80	150	4000	80	(-32°C - +60°C) / T5
OREX 1 Ex 39 150-840 ET CG	10237738	15000	100	150	4000	80	(-32°C - +55°C) / T5
OREX 1 Ex 39 180-840 ET CG	10260623	18000	120	150	4000	80	(-32°C - +55°C) / T5
OREX 1 Ex 39 210-840 ET CG	10260624	21000	140	150	4000	80	(-32°C - +50°C) / T5
OREX 1 Ex 39 240-840 ET CG	10214983	24000	160	150	4000	80	(-32°C - +50°C) / T5
OREX 1 Ex 39 240-840 ET NiCG	10238073	24000	160	150	4000	80	(-32°C - +50°C) / T5
OREX 1 Ex 39 240-840 ET ACG	10238074	24000	160	150	4000	80	(-32°C - +50°C) / T5
OREX 1 Ex 39 240-840 ETDD CG	10242163	24000	160	150	4000	80	(-32°C - +50°C) / T5

High temperature version

Description	Order number	Luminous flux (lm)	Power (W)	Efficiency (lm/W)	Colour temperature (K)	CRI	Temperature range / Class
OREX 1 Ex 39 60-840 ET CG HT	10260625	6000	40	150	4000	80	(-32°C - +75°C) / T4
OREX 1 Ex 39 90-840 ET CG HT	10260626	9000	60	150	4000	80	(-32°C - +70°C) / T4
OREX 1 Ex 39 120-840 ET CG HT	10260627	12000	80	150	4000	80	(-32°C - +65°C) / T4

Dimensions and logistics

Description	Ø	Y						
	mm	mm	L x W x H mm	Item	Pcs/Box	Box	Groupage Pcs/Euro pallet	FTL / container Pcs/Double pallet
OREX 1 Ex...	390	140	440 x 440 x 190	7.5	1	8	27	36

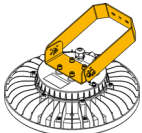


Please check with our Back Office to confirm logistic data

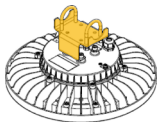
OREX 1

Accessories

10226289	Bracket for wall mounting for OREX 1 Ex
10230400	Bracket for tube mounting for OREX 1 Ex (1 1/2")
10235494	Quick connector PNCX
10230425	ATEX junction box 80x75x75mm
10225340	ATEX junction box 122x120x90mm
10227129	Nickel brass EX cable gland, M20, 1 unit
10214716	Nickel brass EX cable gland M25, 1 unit



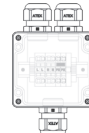
10226289



10230400



10235494



10225340 / 10230425



10227129 / 10214716

