

# OREX 2

High bay lighting specific for explosive environments

Zone 2, 21



Superior view

POWER PLANT	PETROL STATION	TYRES STORAGE	> 8m	INDOOR	OUTDOOR UNDER SHELTER	OUTDOOR	CEILING MOUNTING	WALL MOUNTING	SUSPENDED	5 YEARS warranty	+75°C -32°C
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## Benefits

- High bay ready for hazardous environments with up to 40,500 lm.
- Suitable for outdoor.
- Extreme resistance to weather and tough industrial conditions thanks to its glass cover and aluminium housing.
- Wide temperature range, from -32°C up to 75°C.
- Several accessories to improve the installation.

## Characteristics

IP 66/67	IK 10	Frequency 0-50/60Hz	Rated voltage 90-305 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 M20x1.5
Eyebolt	Stainless steel

### Electrical characteristics

Connection	Cable gland with 0.25M external cable 3/5 poles. Cable gland with external junction box
Power factor	> 0.95 full load
THD	< 20% full load
Inrush current	75A 230VAC, full load
Class protection	Class I
Rated voltage	90-305VAC / 140-250VDC

### Explosion-proof parameters

ATEX/IECEX marking	Ex II 3G Ex ec op is IIC T5...T4 Gc Ex II 2D Ex tb op is IIIC T85°C...T115°C Db
ATEX certificate No	OBAC 21 ATEX 0135X
IECEX certificate No	IECEX OBAC 21.0003X

### Functional characteristics

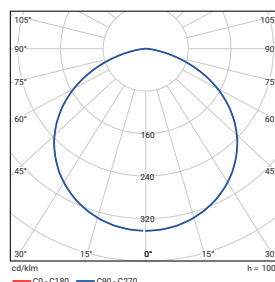
Lifetime	L80 90.000 at 25°C
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Compliance



### Photometrical characteristics

SDCM	< 3
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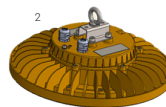
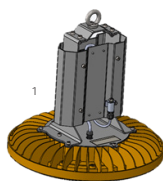
OREX 2

Description

FAMILY	DIFFUSER	DIAMETER (mm)	LUMINOUS FLUX (lm)	CRI + LIGHT COLOUR	DRIVER	EXTERNAL CONNECTION	ADDITIONAL INFORMATION
> OREX 2 Ex	> _: standard glass	> 39: Ø390 x 140 > 46: Ø460 x 140	> 60: 6000 > 90: 9000 > 120: 12000 > 150: 15000 > 180: 18000 > 210: 21000 > 240: 24000 > 300: 30000 > 360: 36000 > 405: 40500	> 840: CRI>80 4000K	> ET: non-dimmable > ETDD: DALI dimmable	> CG 0.25M: polyamide cable gland with 0.25M external cable > CG JB: polyamide cable gland with junction box attached	> HT: high temperature version with an additional heat sink <sup>1</sup>

Special options under request

Ask our Sales Team for more details	> G1: milky glass	> 225: 22500 > 270: 27000 > 330: 33000 > 390: 39000	> 850: CRI>80 5000K > 830: CRI>80 3000K > 865: CRI>80 6500K	> 10V: 1-10V	> NiCG: nickel-plated brass cable gland > ACG: nickel-plated cable gland for armoured cable with special housing <sup>2</sup>
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Operational data

Description	Order number	Luminous flux (lm)	Power (W)	Efficiency (lm/W)	Colour temperature (K)	CRI	Temperature range / Class <sup>3</sup>
OREX 2 Ex 39 60-840 ET CG 0.25M	10260352	6000	40	150	4000	80	(-32°C - +60°C) / T4
OREX 2 Ex 39 90-840 ET CG 0.25M	10237739	9000	60	150	4000	80	(-32°C - +60°C) / T4
OREX 2 Ex 39 120-840 ET CG 0.25M	10237740	12000	80	150	4000	80	(-32°C - +60°C) / T4
OREX 2 Ex 39 150-840 ET CG 0.25M	10239093	15000	100	150	4000	80	(-32°C - +60°C) / T4
OREX 2 Ex 39 180-840 ET CG 0.25M	10237741	18000	120	150	4000	80	(-32°C - +60°C) / T4
OREX 2 Ex 39 210-840 ET CG 0.25M	10260353	21000	140	150	4000	80	(-32°C - +55°C) / T4
OREX 2 Ex 39 240-840 ET CG 0.25M	10214982	24000	160	150	4000	80	(-32°C - +55°C) / T4
OREX 2 Ex 39 240-840 ET CG JB	10226328	24000	160	150	4000	80	(-32°C - +55°C) / T4
OREX 2 Ex 39 240-840 ETDD CG 0.25M	10251153	24000	160	150	4000	80	(-32°C - +55°C) / T4
OREX 2 Ex 46 300-840 ET CG 0.25M	10260354	30000	200	150	4000	80	(-32°C - +55°C) / T4
OREX 2 Ex 46 330-840 ET CG 0.25M	10260355	33000	220	150	4000	80	(-32°C - +55°C) / T4
OREX 2 Ex 46 360-840 ET CG 0.25M	10260356	36000	240	150	4000	80	(-32°C - +55°C) / T4
OREX 2 Ex 46 405-840 ET CG 0.25M	10230685	40500	270	150	4000	80	(-32°C - +50°C) / T4

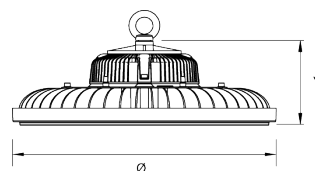
<sup>3</sup> Higher temperature class available with limited temperature range.

High temperature version

Description	Order number	Luminous flux (lm)	Power (W)	Efficiency (lm/W)	Colour temperature (K)	CRI	Temperature range / Class
OREX 2 Ex 39 60-840 ET CG 0.25M HT	10260349	6000	40	150	4000	80	(-32°C - +75°C) / T4
OREX 2 Ex 39 90-840 ET CG 0.25M HT	10260350	9000	60	150	4000	80	(-32°C - +75°C) / T4
OREX 2 Ex 39 120-840 ET CG 0.25M HT	10260351	12000	80	150	4000	80	(-32°C - +75°C) / T4

Dimensions and logistics

Description	Ø	Y						
	mm	mm	L x W x H mm	Item	Pcs/Box	Box <sup>4</sup>	Groupage Pcs/Euro pallet	FTL / container Pcs/Double pallet
OREX 2 Ex 39...	390	140	440 x 440 x 190	6.5	1	7.5	27	36
OREX 2 Ex 46...	460	150	510 x 510 x 190	9	1	10.5	24	32



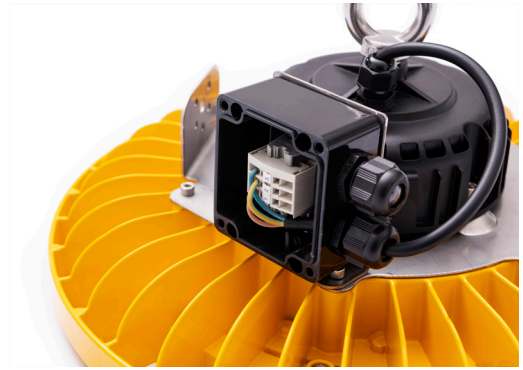
Please check with our Back Office to confirm logistic data

<sup>4</sup> Weight in JB version: +0.5KG

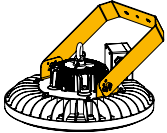
OREX 2

Accessories

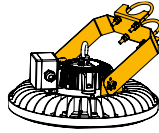
10225339	Bracket for wall mounting for OREX 2 Ex 39...
10235495	Bracket for wall mounting for OREX 2 Ex 46...
10230424	Bracket for tube mounting for OREX 2 Ex 39...
10235496	Bracket for tube mounting for OREX 2 Ex 46...
10235494	Quick connector PNCX
10230425	ATEX junction box 80x75x75mm
10225340	ATEX junction box 122x120x90mm



OREX 2 39 233-840 ET CG JB 10226328



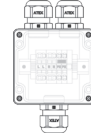
10225339 / 10235495



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10235494



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