

TECHNICAL DATASHEET · ATEX LED LIGHTING (EX ZONES) - ATEX SERIES

CIGEx Explosion-Proof LED Luminaire 20W Cast Iron

EcoSolaris code: ECO-LED-97 · Designed and manufactured in Europe · OSRAM LEDs



Explosion-proof general lighting luminaire for areas with gases and combustible dusts, groups I and II, zones 1 and 2, with I M2 Exd I and II 2G Exd IIB T4 protection and temperature class T6. Electrostatically painted cast iron housing, extruded polycarbonate diffuser, IP66, IK10. OSRAM LEDs of 20W, 2240 lm cool white, individual or daisy-chain connection.

Price on request

Minimum order 10 pcs

Made to order

EcoSolaris technical support

Technical specifications

Housing material	Cast iron, electrostatically painted
Diffuser	Clear extruded polycarbonate
Housing colour	Other colours on request
Ex protection	I M2 Exd I and II 2G Exd IIB T4
Temperature class	T6
Zones of use	Groups I and II, zones 1 and 2
Power supply	230V AC, 50Hz
Light source	High-power OSRAM LEDs
Total power	20W
Luminous flux	2240 lm (cool white)
Ingress protection	IP66
Impact resistance	IK10
Electrical insulation class	I
Connection	Individual or daisy-chained, cable 11.1 - 20 mm
Operating temperature	-20 degrees C to +40 degrees C
Dimensions	300 x 130 mm
Weight	4.6 kg

Features

- Exd explosion protection, groups I and II, zones 1 and 2
- Temperature class T6
- Cast iron housing, IK10
- IP66 ingress protection
- OSRAM LEDs, 20W, 2240 lm cool white
- Daisy-chain connection, cable 11.1 - 20 mm
- Mounting on normally flammable surfaces (F-Mark)
- Manufactured in Europe

Recommended applications

ATEX

Hazardous area lighting

Mine galleries

Industrial gas installations