

EzeSafe - Ex d

Zone 1 & 2



The **EzeSafe - Ex d** luminaire is certified for Zone 1 & 2 hazardous areas and designed to provide superb light distribution with its specially placed array of LED's and clear polycarbonate lens. The robust water and dust proof design makes the luminaire suitable for underground and surface areas. The luminaire can be supplied pre-wired on Steel Wire Armoured (SWA) cable in various spacings and cable lengths to suit any customers need. The **EzeSafe - Ex d** continues the proud heritage of NORDLAND LIGHTING's quality standards.



NORDLAND LIGHTING®

EzeSafe - Ex d

Applications: Zone 1 & 2 hazardous areas. Haulage, Walkway, Conveyor, Substation, Wash Bay & Underground roadway Lighting

Housing: Body manufactured from polycarbonate with a UV stabilized smooth clear flame retardant polycarbonate lens. The clear lens allows for maximum 360° light output.

Gasket: The rubber gasket between the lens and body provides a IP66 seal.

Steel Cage: Available separately on request.

Lamps: Available in T8 fluorescent lamps, PL compact fluorescent lamps, T8 LED tubes and a 22W LED option.

Control Gear:

LED: 12VDC, 24VDC, 30VAC - 36VAC, 100VAC/250VAC, 50/60Hz

Mounting: The installation is done via a power connection box.

Rated Lifetime: LED Rated 50 000 Hr.

Model Name	EzeSafe - LED Ex d
Rated Wattage(W)	22W
Luminous Efficacy (system)	127lm/W
Luminous Flux (system)	2789lm
Beam Angle	360°
Colour Temperature	6500K
Colour Rendering Index	>Ra80
Rated Voltage	12VDC, 24VDC, 30VAC - 36VAC, 100VAC/250VAC, 50/60Hz
Ingress Protection Grade	IP66
Power Factor	0,94
Rated Lifetime	>50 000 Hr.
Installation	Power Box Connection
Dimensions	Diameter x L 115x440mm
Connection Box Size	107 x 107 x 50mm (LxWxH)
Classification	Zone 1 - Zone 2 (Gas)
Ex-mark	Ex db I Mb IP66 / Ex d IIB Gb IP66



Model Name	Dimension (mm) L	Dia (mm)	Conn. box (mm) LxWxH	Lamp Type	12VDC	24VDC	24VAC	32VAC	110VAC	110VDC	220VAC
EzeSafe PL9	575	115	107x107x50	PL9	x						
EzeSafe PL18	580	115	107x107x50	PL18				x			x
EzeSafe PL36	814	115	107x107x50	PL36	x	x	x				x
EzeSafe PL55	963	115	107x107x50	PL55					x		x
EzeSafe 2ft T8	1030	115	107x107x50	T8 18W					x		x
EzeSafe 4ft T8	1630	115	107x107x50	T8 36W					x		x
EzeSafe 5ft T8	1930	115	107x107x50	T8 58W					x		x
EzeSafe LED 2ft T8	1030	115	107x107x50	T8 9W LED					x	x	x
EzeSafe LED 4ft T8	1630	115	107x107x50	T8 18W LED					x	x	x
EzeSafe LED 5ft T8	1930	115	107x107x50	T8 24W LED					x	x	x

Ex-mark: Ex d I/IIB T6 IP66

Nordland reserves the right to change any specification or design without prior notice.