



ZONE 2, 22

II 3G Ex nA IIC T4 Gc

II 3D Ex tc IIIC T100°C IP 66 Dc

APPLICATION

The luminaire is designed to light the industrial areas and facilities, with an explosion hazard of gases, vapours and flammable fogs mixed with air and inflammable dust and fibers mixed with air. Hazardous zones: 2,22.

TECHNICAL DATA

Type of housing:	gas: Ex nA	dust: Ex tc
Explosion group:	gas: IIC, IIB, IIA	dust: IIIC, IIB, IIIA
Temperature class:	T4, T3, T2, T1*	
Max surface temperature:	100°C	
Protection level:	gas: Gc	dust: Dc
Protection degree:	IP 66	
Ambient temperature:	from -25°C to +45°C*	

*Ambient temperature with battery from 0°C to +45°C

CONSTRUCTION**

Housing:	steel sheet powder painted
Diffuser:	hardened glass
Reflector:	zinc coated steel sheet powder painted
Supply voltage:	220V-240V AC/DC

** Chemical resistance diagram available on manufacturer's website on section „Designers area“

LED PARAMETERS

Ra degree:	>80
Lifetime:	50 000 h
Colour temp.:	4000 K

MOUNTING

Luminaire for direct installation on ceiling or wall with dedicated bracket.

ELECTRIC UNIT

Cable gland:	2 x M20
Cable diameter:	ø 8-13 mm
Terminal block:	3x4 mm²
Ending or through wiring.	

OPTIONS

Emergency unit 3h
Colour temperature 3000 K
Paint house execution: CRI 90, 5600 K***
PC diffuser
Stainless steel housing
Wide beam optics
Narrow beam optics
Optional bracket

APPROVALS

PN-EN 60079-15: 2010, PN-EN 60079-31: 2014

other version on special request

DIMENSIONS [mm]

Type	L
EXP 39 MLED210	460
EXP 39 MLED220	770
EXP 39 MLED230	1030
EXP 39 MLED240	1315



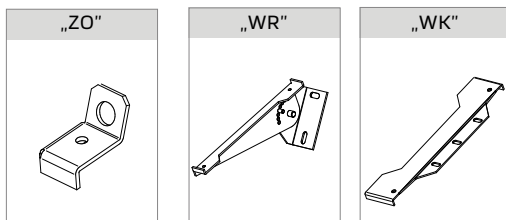
Type	Total power	Lumens (luminaire)*	Weight	Options
EXP 39 MLED210/7/840/G	9 W	1050 lm	4,0 KG	830 - 3000 K colour temp S - stainless steel housing A3 - 3h emergency unit 956 - CRI 90, 5600K PC - PC diffuser W - wide beam N - narrow beam ZO/WR/KK - dedicated bracket - see below
EXP 39 MLED210/11/840/G	11 W	1700 lm	4,0 KG	
EXP 39 MLED210/16/840/G	19 W	2400 lm	4,0 KG	
EXP 39 MLED220/22/840/G	25 W	2700 lm	7,8 KG	
EXP 39 MLED220/29/840/G	32 W	3800 lm	7,8 KG	
EXP 39 MLED220/33/840/G	39 W	4800 lm	7,8 KG	
EXP 39 MLED230/44/840/G	47 W	5500 lm	9,2 KG	
EXP 39 MLED230/49/840/G	52 W	7300 lm	9,2 KG	
EXP 39 MLED240/58/840/G	62 W	8400 lm	13,0 KG	
EXP 39 MLED240/64/840/G	72 W	9000 lm	13,0 KG	

*The manufacturer permits a tolerance +/- 10%
Manufacturer reserves their right to change technical parameters due to technical development.

ORDER SPECIFICATION

EXP 39 MLED220/22/840/G - EXP 39 MLED luminaire, 25 W

BRACKET



Eyelet sling „ZO” for EXP 39 MLED

Flexible bracket „WR” for EXP 39 MLED

Cable tray „WK” bracket for EXP 39 MLED



TECHNICAL DATA

IP 66

220-240V
AC/DC



IK 08

- 25°C

+45°C

APPROVALS

PN-EN 60079-15: 2010
PN-EN 60079-31: 2014

