



LED



TYPE OF PROTECTION

Ex db

Ex tb

ZONE | LEVEL ZONE | LEVEL

1 | Gb

21 | Db

2 | Gc

22 | Dc

Gas
Group
IIA
IIB
IIC

Dust
Group
IIIA
IIIB
IIIC

▪ Portable and fixed
Ex-proof LED light

▪ LED light source of
180° or 360°

▪ High color rendering
index 80-85

▪ Easy to manipulate
due to low weight

▪ Excellent thermal
management

▪ High light intensity,
no glare

▪ Individual or daisy
chain connection

Ex GalaLED

24V/20W

42V/25W

110V/25W

230V/25W

Order No.

360°- 1002210

360°- 1001654

360°- 1002087

180°- 1001798
360°- 1001797

Electrical Characteristics

Nominal Voltage	24VAC	42VAC	110VAC	230VAC
Operating Voltage	20-30VAC 20-30VDC	38 - 48VAC 38 - 60VDC	90-130VAC 90-130VDC	210 - 250VAC
Total Power	20W	25W	25W	25W
Power Factor	≥0.98 at 24VAC	>0.98 at 42VAC	>0.85 at 110VAC	>0.98 at 230VAC
Operating Temperature	-20°C to +60°C			

Light Technology Characteristics

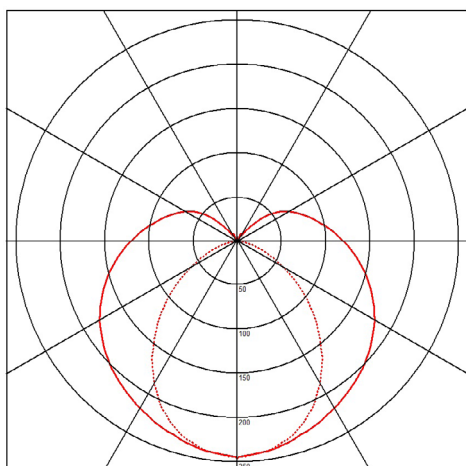
Initial Total Lumens	~2300lm	~3000lm	~3000lm
Luminary Efficacy	~115lm/W	~120lm/W	~120lm/W
CCT	~5000K		
CRI	80 - 85		

Protection & Construction

IP and IK Protection	IP66, IP67, IK08
Protections	OVP, OTP
Diffuser	PMMA 2.5mm
Housing	Aluminium alloy powder painted with tempered borosilicate glass tube
Gasket	Silicone gasket
Conecting Terminal	L,N,PE max 3x2.5mm ² , external PE terminal M5
Fixture Weight	2.3kg (lamp only)
Cable Entry M20x1.5	2x Ex glands or Ex gland and Ex plug
Explosion Protection	II 2G Ex db op is IIC T6 Gb; II 2D Ex tb op is IIIC T85°C Db
Certificate	EXA 16 ATEX 0069X, IECEx EXA 18.0006X
Lifespan(on 25°C)	60 000 hours

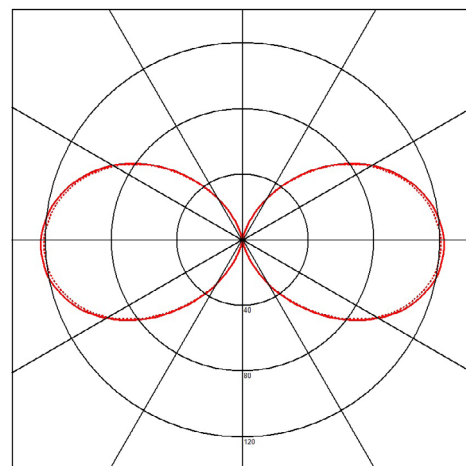
POLAR CURVE

Ex GalaLED 180°

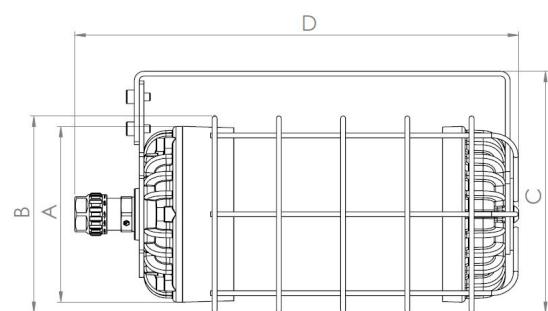


Ex GalaLED model	Available Beam Angle
24V	360°
42V	360°
110V	360°
230V	180° or 360°

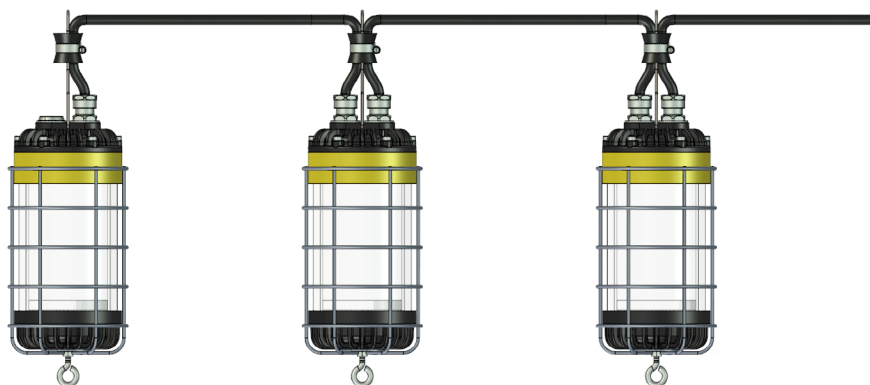
Ex GalaLED 360°



DIMENSIONS, CONNECTION



	Dimension
A	ø110mm
B	ø125mm
C	155mm
D	280mm



*smart lamp design allows daisy chain connection

ACCESSORIES

	Protective Grid 1001795		Mounting Bracket 1001800		Antistatic Protective peel off Foil 1002295
	Vertical Cable Hanging Set 1002294		Horizontal Cable Hanging Set 1001799		Hook Eye Set 1002265
	Ex Gland M20x1.5 ø7-12mm 1001613		Ex Gland M20x1.5 ø10-15mm 1001774		Ex Stopping Plug M20x1.5 1001614