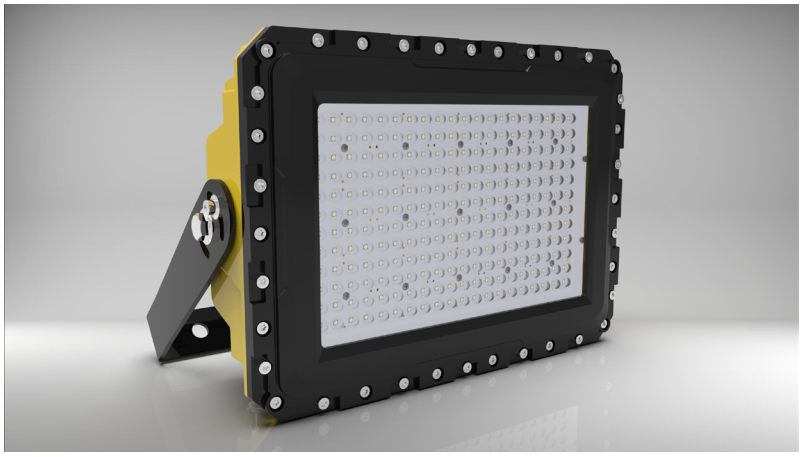
TECHNICAL SPECIFICATIONS

Ex FLOODLIGHT IIC



TYPE OF PROTECTION

Ex db | Ex tb | Ex op is

LED | IK08 | IP66 | 50° -20° | NFC

ZONE	LEVEL	ZONE	LEVEL
1	Gb	21	Db
2	Gb	22	Db

Gas Group	Dust Group
IIA IIB IIC	IIIA IIIB IIIC

Ex FLOODLIGHT IIC	ExFL-IIC 60W 110-230VAC	ExFL-IIC 80W 110-230VAC	ExFL-IIC 100W 110-230VAC	ExFL-IIC 120W 110-230VAC	ExFL-IIC 140W 110-230VAC	ExFL-IIC 60W 24VAC	ExFL-IIC 100W 42VAC
Electrical Characteristics							
Nominal Voltage	110 - 230 VAC					24 VAC	42 VAC
Operating Voltage	110 - 230 VAC					20 - 28 VAC	36 - 48 VAC
Total Power	60W	80W	100W	120W	140W	60 W	100 W
Power Factor	>0,87	>0,92	>0,92	>0,95	>0,96	>0,95	>0,95
Ambient Temperature	T6, T80°C Ta:-20°C to +50°C			T5, T85°C Ta:-20°C to +40°C T6, T80°C Ta:-20°C to +50°C		T6, T80°C Ta:-20°C to +50°C	
Light Technology Characteristics							
Light distribution	60°, 90°, 120°, T2M, T3M		60°, 90°, 120°			60°, 90°, 120°, T2M, T3M	60°, 90°, 120°
Initial Total Lumens	~ 8600 lm	~ 11500 lm	~ 14300 lm	~17300 lm	~ 20100 lm	~ 7500 lm	~ 13500 lm
Luminary Efficacy	~ 143 lm/W at 5000 K					~ 125 lm/W at 5000 K	~ 135 lm/W at 5000 K
CCT	~5000 K (other light colors are optional)						
CRI	>80						
Protection & Construction							
IP and IK Rating	IP66, IK08						
Protections	OVP, OTP, OCP						
Housing	Die-cast aluminium, powder coated, tempered glass 10mm						
Gasket	Silicone gasket						
Conecting Terminal	L, N, PE max 3x2.5mm², external PE terminal M5/4mm²						
Weight	10,20kg (without bracket)						
Lifespan	50 000 hours						
Cable entry M20x1.5	2x Ex glands or Ex gland and Ex plug						
Ex marking	II 2G Ex db op is IIC T6 Gb; II 2D Ex op is tb IIIC T80°C Db			II 2G Ex db op is IIC T5...T6 Gb II 2D Ex op is tb IIIC T85°C...T80°C Db		II 2G Ex db op is IIC T6 Gb; II 2D Ex op is tb IIIC T80°C Db	
Dimensions	380x300x100mm						

- High color rendering index >80
- Beam angles of 60°, 90°, 120°, T2M, T3M
- Replaceable antistatic protective Peel off Foil
- Excellent thermal management
- Mounted on a cart, scaffold or wall
- Individual or daisy chain connection

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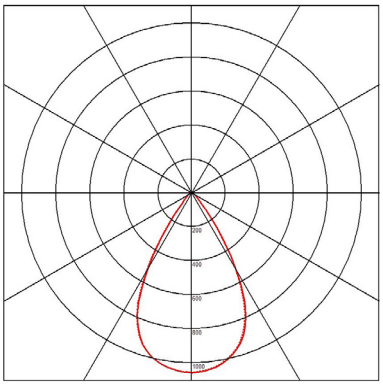
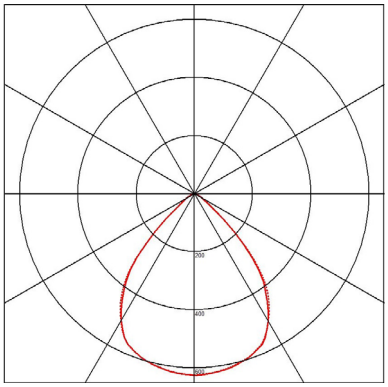
POLAR CURVE

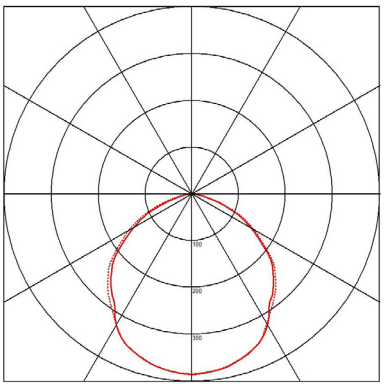
Ex FLOODLIGHT 60°



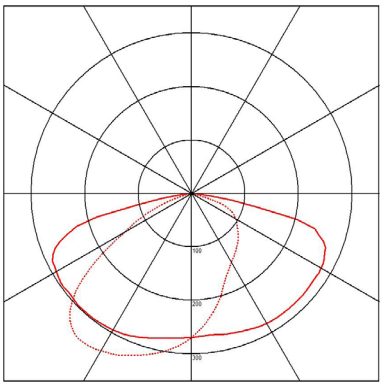
Ex FLOODLIGHT 90°



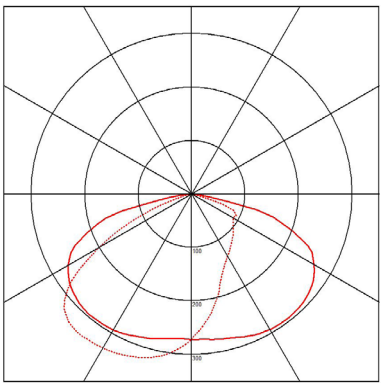
Ex FLOODLIGHT 120°



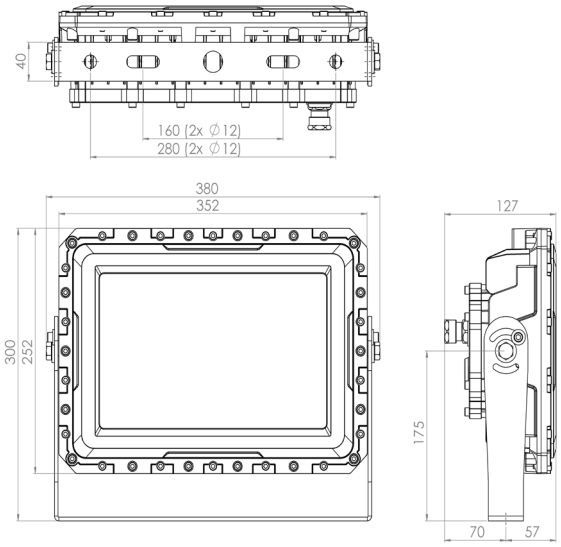
Ex FLOODLIGHT T2M



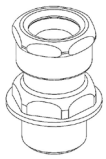
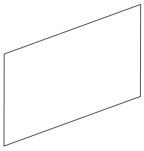
Ex FLOODLIGHT T3M



DIMENSIONS, CONNECTION



ACCESSORIES

	Ex Gland M20 ø6,5-11,9 mm or ø10,0-14,3 mm		Antistatic Protective peel off Foil		Ex Stopping Plug M20

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The content of the broadcast material are the sole responsibility of company DATA LINK.

The project is co-financed by the European Union from the European Regional Development Fund.

Together to EU funds

European Union

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