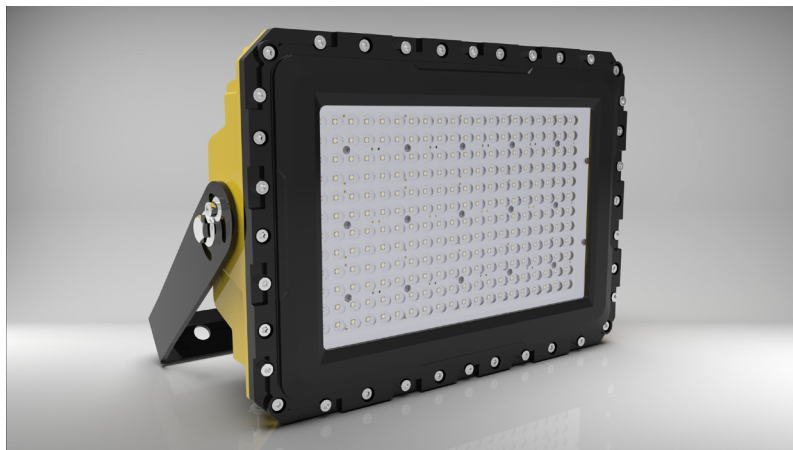


TECHNICAL SPECIFICATIONS

Ex FLOODLIGHT IIB



TYPE OF PROTECTION

Ex db

Ex tb

Ex op is

LED



ZONE | LEVEL
1 | Gb

ZONE | LEVEL
21 | Db



2 | Gb

22 | Db



Gas Group

IIA
IIB

Dust Group

IIIA
IIIB
IIIC

Ex FLOODLIGHT
IIB

ExFL-IIB 60W
110-230VAC

ExFL-IIB 80W
110-230VAC

ExFL-IIB 100W
110-230VAC

ExFL-IIB 120W
110-230VAC

ExLI-IIB 140W
110-230VAC

ExLFI-IIB
60W 24VAC

ExFL-IIB
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:-40°C to +50°C			T5, T85°C Ta:-40°C to +40°C T6, T80°C Ta:-40°C to +50°C		T6, T80°C Ta:-40°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	9,15kg (without bracket)		
Bracket weight	0,90kg		
Cable entry M25x1.5	2x Ex glands or Ex gland and Ex plug		
Ex marking	II 2G Ex db op is IIB T6 Gb; II 2D Ex op is tb IIIC T80°C Db	II 2G Ex db op is IIB T5...T6 Gb II 2D Ex op is tb IIIC T85°C...T80°C Db	II 2G Ex db op is IIB T6 Gb; II 2D Ex op is tb IIIC T80°C Db
Dimensions	380x300x125mm		

▪ 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

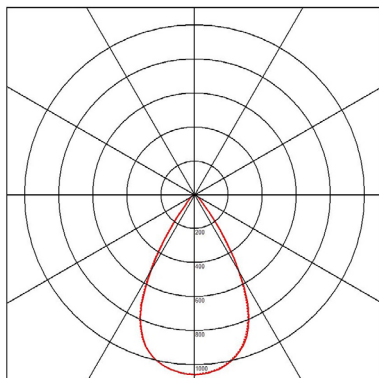
▪ Individual or daisy chain connection

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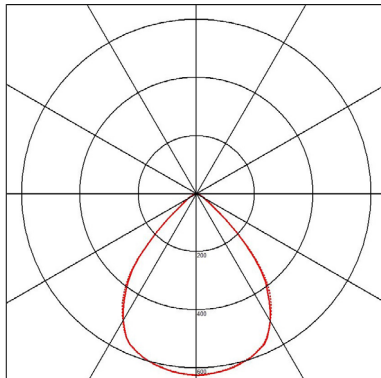


POLAR CURVE

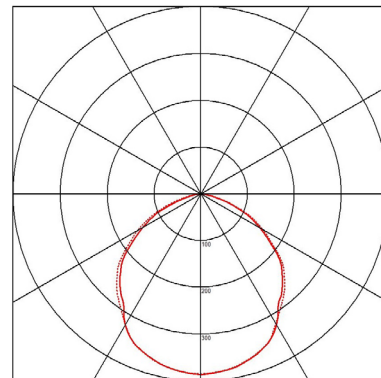
Ex FLOODLIGHT 60°



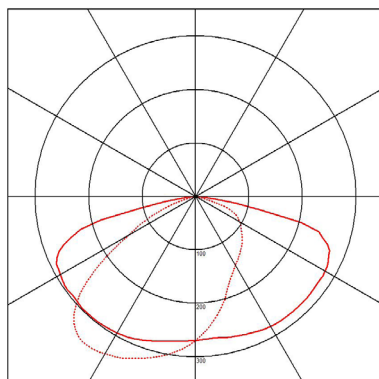
Ex FLOODLIGHT 90°



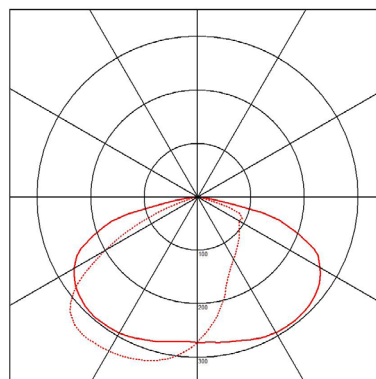
Ex FLOODLIGHT 120°



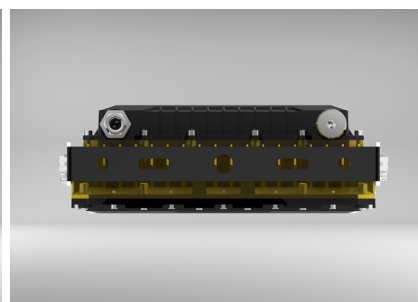
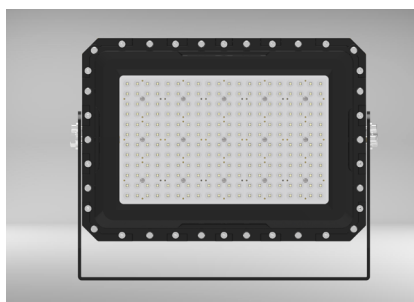
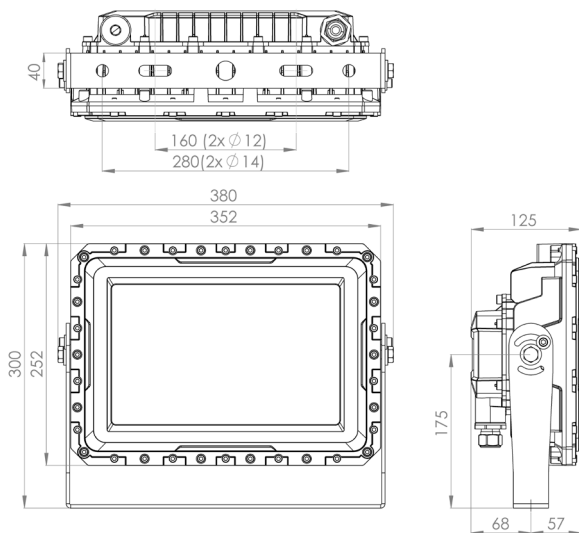
Ex FLOODLIGHT T2M



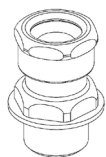
Ex FLOODLIGHT T3M



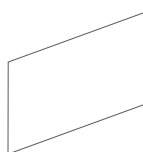
DIMENSIONS, CONNECTION



ACCESSORIES



Ex Gland M25
ø6,0-12,0 mm,
ø11,5-17,5 mm
or ø15-20 mm



Antistatic
Protective peel off
Foil



Ex Stopping
Plug M25