

## EXPLOSIONPROOF LIGHT FITTINGS



REFINERIES



OFFSHORE



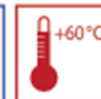
CHEMICAL  
PLANTS



CHEMICAL  
WAREHOUSES



PASSAGeways  
IN EX ZONES



EX MARKING:



II 2G Ex eb mb op is IIC T5 Gb  
II 2D Ex tb op is IIIC T55°C Db or T70°C Db

### MECHANICAL PARAMETERS

Housing: powder coated stainless steel

Diffuser: UV stabilised polycarbonate

Ingress protection: IP67

Protection class: I

Mounting: on the surface with  
connections

### WORK PARAMETERS

Ambient temperature: -40°C to +60°C

Lifetime: >70.000h L80 B10

### ELECTRICAL PARAMETERS

Connection terminals: 2,5mm<sup>2</sup>

Input voltage: 110-254V 50-60Hz,  
220-250V 0Hz

Light source: intrinsically safe LED  
modules

Power factor: >0,97

Cable inlets: Ø20

Overvoltage protection: 2kV

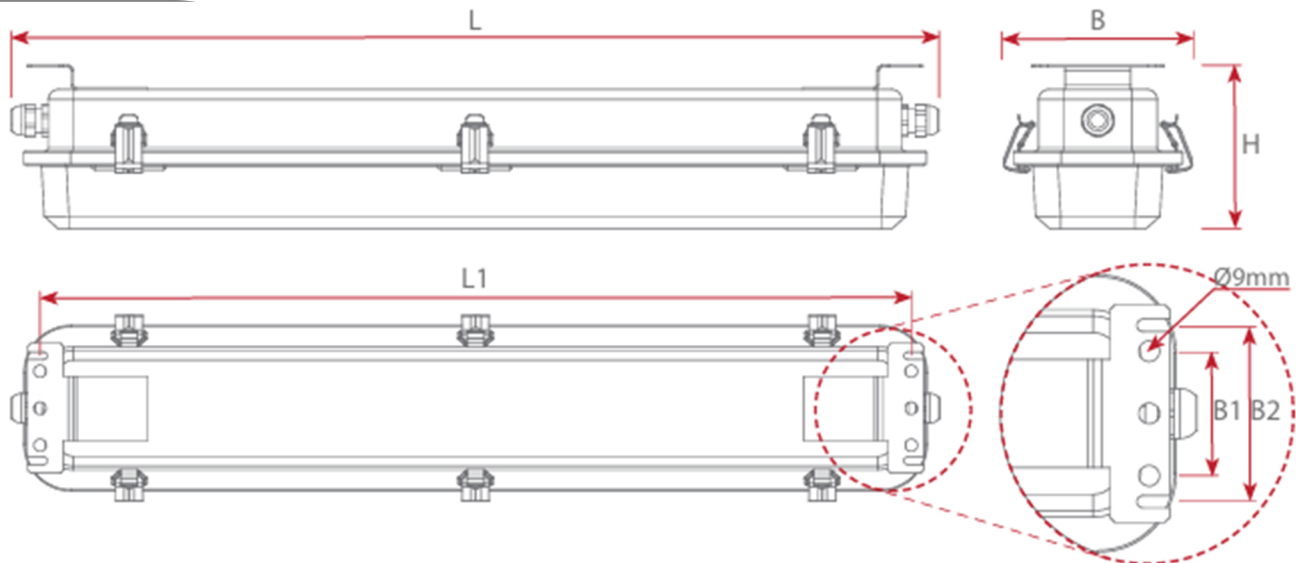
### PHOTOMETRICAL PARAMETERS

CRI: >80

Colour temperature: 6500K

4000K- option

## DIMENSIONS



TYPE	L [mm]	L1 [mm]	B [mm]	B1 [mm]	B2 [mm]	H [mm]
EXF300LED-0600	730	704	150	60	85	134
EXF300LED-1200	1340	1314	150	60	85	134

## TYPE COMPARISON

### VERSION HIGH OUTPUT (HO) +45°C

TYPE OD THE FITTING	LUMINOUS FLUX [lm]	POWER CONSUMPTION [W]	EFFICIENCY [lm/W]	MAX. AMB. TEMP. [°C]
EXF300LED-0600-F1	2069	21,2	96	45
EXF300LED-0600-FX2	4326	38,6	112	45
EXF300LED-1200-F2	4177	38,6	106	45
EXF300LED-1200-FX4	8692	78,1	111	45

### VERSION HIGH TEMPERATURE (HT) +55°C

TYPE OF THE FITTING	LUMINOUS FLUX [lm]	POWER CONSUMPTION [W]	EFFICIENCY [lm/W]	MAX. AMB. TEMP. [°C]
EXF300LED-1200-GX4	5749	47,0	121	55

### VERSION HIGH TEMPERATURE (HT) +60°C

TYPE OF THE FITTING	LUMINOUS FLUX [lm]	POWER CONSUMPTION [W]	EFFICIENCY [lm/W]	MAX. AMB. TEMP. [°C]
EXF300LED-0600-GX2	2882	25,3	113	60
EXF300LED-1200-G2	2661	25,3	106	60

### MEAN EMERGENCY MODE LUMINOUS FLUX

TYPE	VERSION A3 [lm]	VERSION ZB [lm]
EXF300LED-0600-F1	97	2069
EXF300LED-0600-FX2	203	4326
EXF300LED-0600-G2	135	2882
EXF300LED-1200-F2	196	4177
EXF300LED-1200-FX4	203	8692
EXF300LED-1200-GX4	270	5749
EXF300LED-1200-G2	125	2661

## PHOTOMETRY

