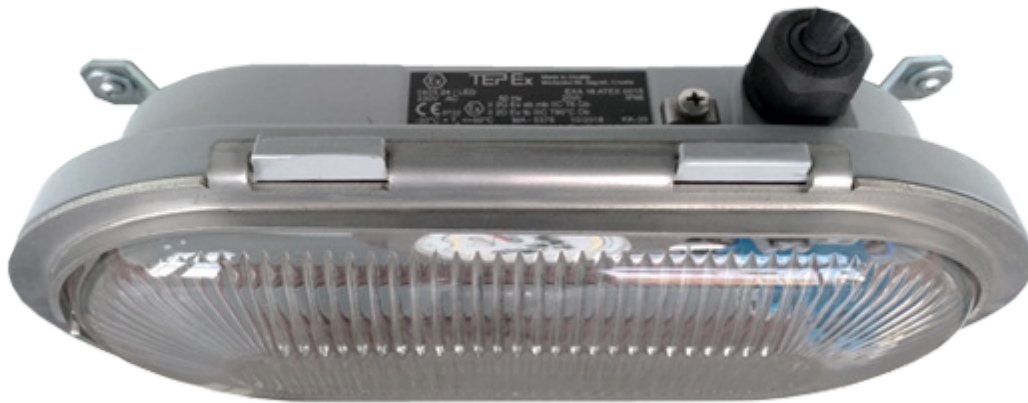
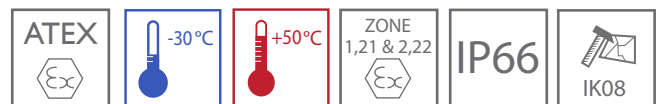


ZONE 1,21 & 2,22



0403.24 LED





EX MARKING:



II 2G Ex eb mb op is IIC T6 Gb
II 2D Ex tb op is IIIC T80°C Db

CERTIFICATES:

FIDI 19 ATEX 0059

EXEMPLARY APPLICATIONS:



REFINERIES

FUEL
TANKSCHEMICAL
PLANTSFUEL
RELOADINGCHEMICAL
WAREHOUSES







Explosion-proof luminaire with LED module intended for use in explosion hazard zones 1, 21 & 2.22. The luminaire's dimensions allow to install the fixture in small rooms and narrow corridors. Optionally, the fixture can be equipped with a protective grid.

FEATURES



MECHANICAL PARAMETERS

	housing	painting aluminum
	diffuser	borosilicate glass
	ingress protection	IP66
	protection class	I
	mounting	using brackets
	weight	4,0 kg

ELECTRICAL PARAMETERS

4 mm ²		connection terminals
24 VDC 48-90 V AC/DC 110-240V AC/DC		input voltage
18,0 W		power consumption
LED modules		light source
>0,95		power factor
Ø25		cable inlets

WORK PARAMETERS

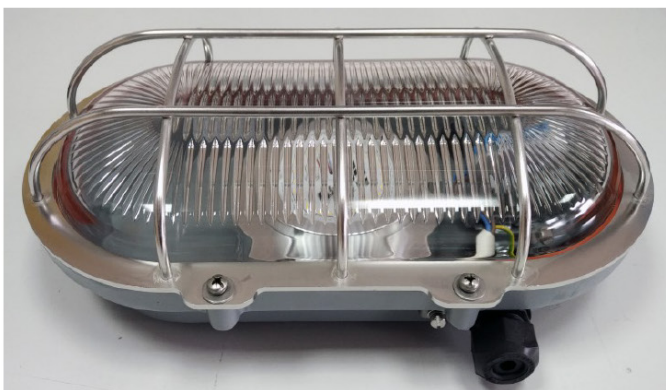
	ambient temperature	-30°C up to +50°C <i>check: types comparison</i>
	lifetime	>50.000h L ₉₀ B ₁₀ (40°C)

PHOTOMETRICAL PARAMETERS

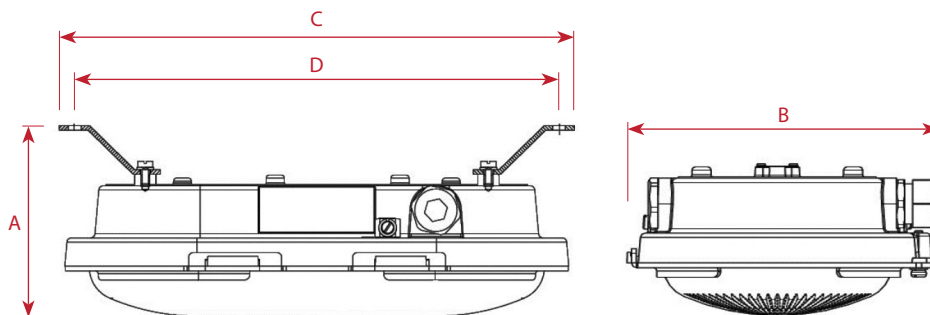
>80		CRI
4000K		color temperature

TYPES COMPARISON

TYPE OF THE FIXTURE	DIFFUSER	LUMINOUS FLUX [lm]	POWER CONSUMP. [W]	EFFICIENCY [lm/W]
0403.24 LED ... - 1	transparent	2250	18	122
0403.24 LED ... - 2	green	1200		65
0403.24 LED ... - 3	red			



DIMENSIONS



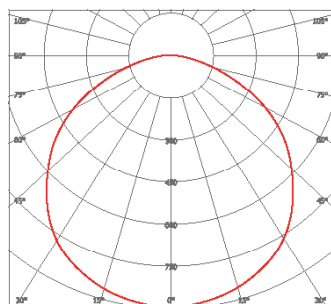
TYPE	A	B	C	D
0403.24 LED	125	192		
0403.24 LED + grid	193	192	350	319

ACCESORIES AND SPARE PARTS

sketch	description	code	sketch	description	code
	Module LEEx 01 18W	0403.24 LED 10-110		Cable inlet Ex eb M25	SPU 25
	Gasket 0403.24 LED	0403.24 LED 10-120		Plug Ex eb M25	SPC 25
	Diffuser	0403.24 LED 10-130		Wall bracket	0403.24 LED 10-160
	Priotection grid	0403.24 LED 20-120		Pipe bracket R2"	0403.24 LED 10-170

CONFIGURATION

PHOTOMETRY



0	4	0	3	.	2	4	L	E	D	-		-	
basic code											1	1	
											2	2	
											3	3	

input voltage
 1 - 24 VDC ± 10%
 2 - 48-49 V AC/DC
 3 - 110-240 V AC/DC

diffuser type
 1 - transparent
 2 - green
 3 - red