EXL380LED



IECEx | ATEX | ZONE 21 & 2,22 | HIGH EFFICIENCY | IK08 | IP65 | LED OPTICS | CONTROL SYSTEM DALI

EX MARKING: II 3G Ex ec IIC T4 Gc
II 2D Ex tb IIIC T80°C Db

CERTIFICATES: KDB 15ATEX0049X
IECEx KDB 20.0003X

Explosionproof floodlight with **LED modules.** Designed to work in the zone **21 & 2.22** of the explosion hazard of gases, vapors and mists of flammable liquids with air, as well as of flammable dusts and fibers. The housing is made of powder coated or brushed stainless steel.

Optional version **DA** with an integrated power supply with DALI-2 interface.

TYPES COMPARISON

STANDARD VERSIONS

TYPE OF THE FITTING	LUMINOUS FLUX [lm]	POWER CONSUMPTION [W]	EFFICIENCY [lm/W]	AMBIENT TEMPERATURE [°C]
EXL380LED-045-E4	5 006	35	143	-40 ÷ 40
EXL380LED-090-E8	14 106	93	152	-40 ÷ 40
EXL380LED-130-E12	21 370	146	146	-40 ÷ 40

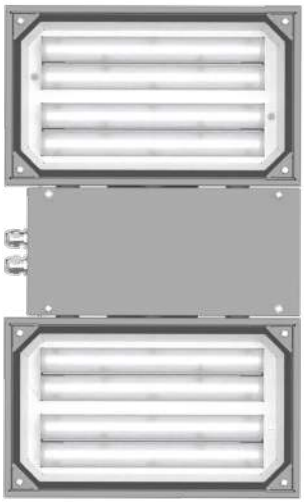
NARROW BEAM VERSIONS (NB)

TYPE OF THE FITTING	LUMINOUS FLUX [lm]	POWER CONSUMPTION [W]	EFFICIENCY [lm/W]	AMBIENT TEMPERATURE [°C]
EXL380LED-045-E4	5 060	35	145	-40 ÷ 40
EXL380LED-090-E8	14 247	93	153	-40 ÷ 40
EXL380LED-130-E12	21 584	146	148	-40 ÷ 40

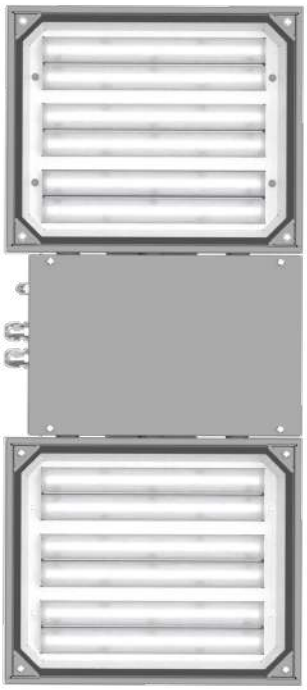
EXL380LED-045



EXL380LED-090



EXL380LED-130



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MECHANICAL PARAMETERS

housing	powder coated stainless steel (NIRO) or brushed stainless steel (BRS)
diffuser	tempered glass (GL)
ingress protection	IP65
protection class	I
impact resistance	IK08
mounting	on bracket

ELECTRICAL PARAMETERS

connection terminals	2,5 mm^2
input voltage	220-240V 50-60 Hz, 220-240V 0Hz
light source	intrisincally safe LED modules
power factor	>0,97
cable inlets	Ø20 *(wire 6-13mm)* Ø25 - *option (wire 9-17mm)*
overvoltage protection	L-N: 6 kV L-PE: 8kV

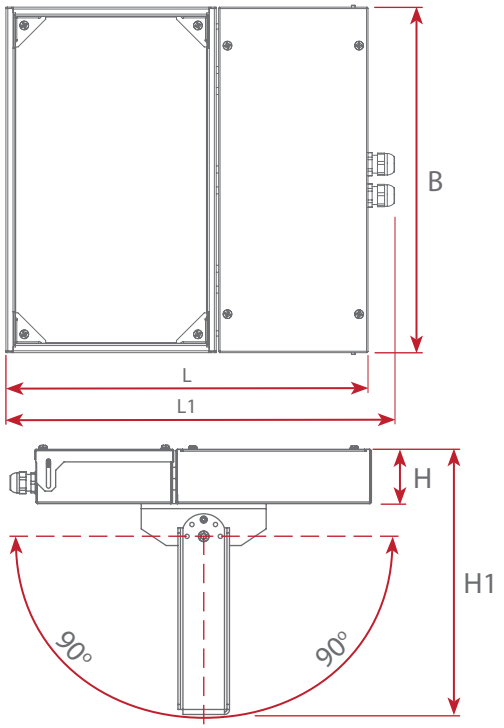
WORK PARAMETERS

ambient temperature	-40°C to +40°C *check: types comparison*
lifetime	>70.000h L_{80} B_{10}

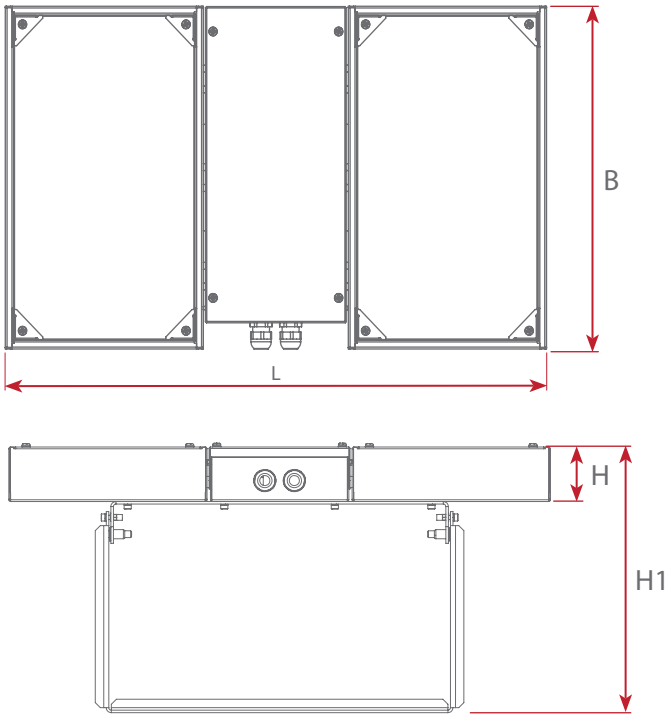
PHOTOMETRICAL PARAMETERS

CRI	>80 >90 - *optionally*
colour temperature	4000K 5000K - *optionally* 6500K - *optionally*

EXL380LED-045-E4
single version



EXL380LED-090-E8, EXL380LED-130-E12
double version



TYPE	L	L1	B	H	H1	waga
EXL380LED-045-E4	405	434	386	69	321	12 kg
EXL380LED-090-E8	642	-	386	69	321	16 kg
EXL380LED-130-E12	885	-	386	69	321	20 kg

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