

ZONE 1, 21, 2, 22 EXPLOSIONPROOF LIGHT FITTINGS



EX MARKING:

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

MECHANICAL PARAMETERS

Housing: powder coated stainless steel
Diffuser: PC type opal or tempered glass
Ingress protection: IP65
Protection class: I
Mounting: surface mounted or in the modular ceiling
Accessories: depending on the type of ceiling

WORK PARAMETERS

Ambient temperature: -40°C to +55°C
(check types comparison)
Lifetime: >70.000hL80B10

ELECTRICAL PARAMETERS

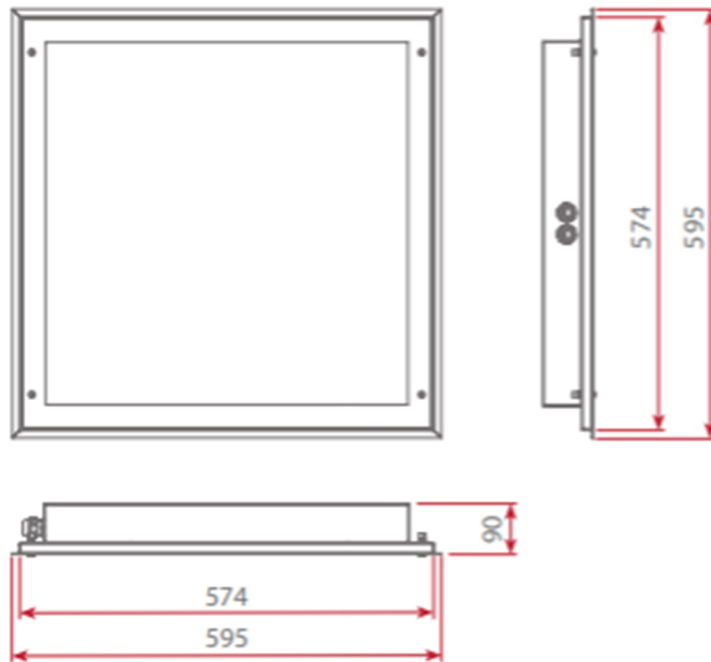
Connection terminals: 2,5mm²
Input voltage 35E: 220-240V 0/50-60Hz
Input voltage 25E: 110-254V 50+60Hz
220-240V 0Hz
Light source: intrinsically safe LED modules
Power factor: >0,97
Cable inlets: Ø20
Overvoltage protection: 2kV

PHOTOMETRICAL PARAMETERS

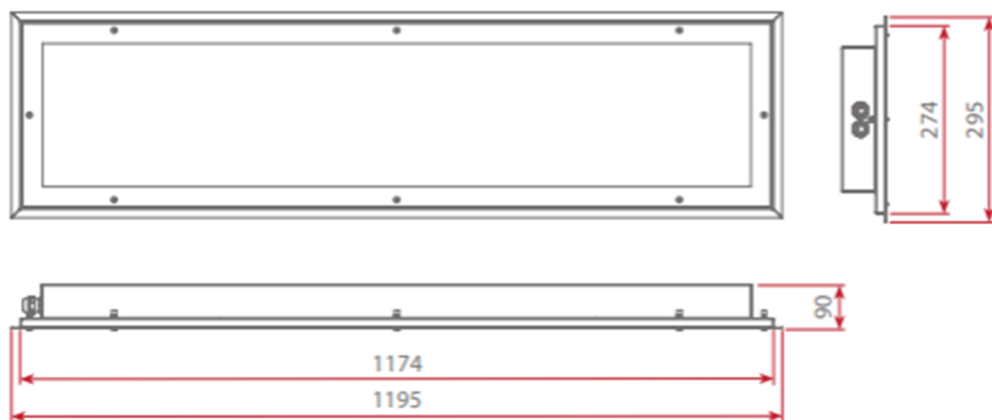
CRI: >80
Colour temperature: 4000K

DIMENSIONS: VERSION RC

EXF390LED-0600-RC- Version designed to be mounted in the suspended coffered ceilings

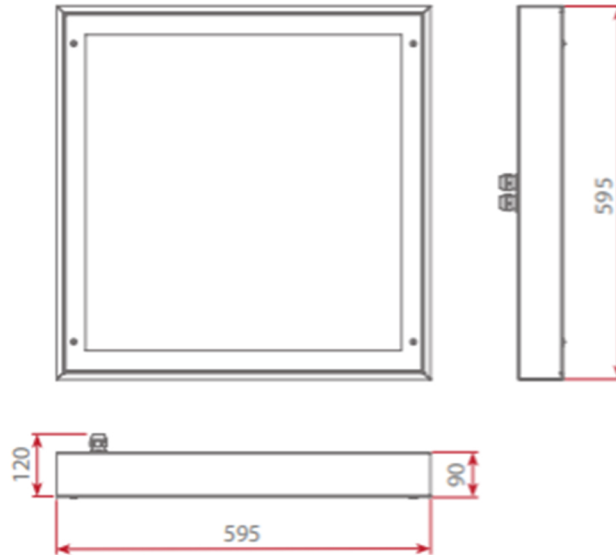


EXF390LED-1200-RC- Version designed to be mounted in the suspended coffered ceilings

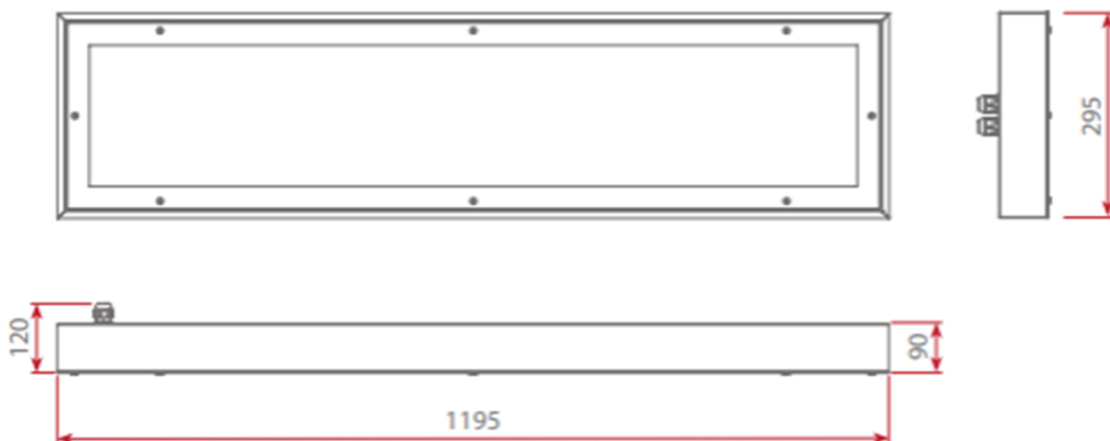


DIMENSIONS: VERSION SF

EXF390LED-0600-SF- Version designed to be mounted on the ceiling surface



EXF390LED-1200-SF- version designed to be mounted on the ceiling surface



TYPES COMPARISON

Power supply 220-240V, 0/50-60Hz (35E)

TYPE OF THE FITTING	LUMINOUS FLUX [lm]	POWER CONSUMPTION [W]	EFFICIENCY [lm/W]	AMBIENT TEMPERATURE [°C]
EXF390LED-0600-FA4-1	4047	31,2	130	-40 ÷ 55
EXF390LED-0600-FA4-2	4871	37,4	130	-40 ÷ 55
EXF390LED-0600-FA4-3	5680	43,7	130	-40 ÷ 55
EXF390LED-1200-FA2-1	1957	15,6	126	-40 ÷ 55
EXF390LED-1200-FA2-2	2355	18,7	126	-40 ÷ 55
EXF390LED-1200-FA2-3	2746	21,9	126	-40 ÷ 55
EXF390LED-1200-FA4-1	3913	31,2	126	-40 ÷ 55
EXF390LED-1200-FA4-2	4710	37,4	126	-40 ÷ 55
EXF390LED-1200-FA4-3	5492	43,7	126	-40 ÷ 55

Power supply 110-254V, 50-60Hz; 220-250V 0Hz (25E)

TYPE OF THE FITTING	LUMINOUS FLUX [lm]	POWER CONSUMPTION [W]	EFFICIENCY [lm/W]	AMBIENT TEMPERATURE [°C]
EXF390LED-0600-FA4	5230	48,0	109	-40 ÷ 55
EXF390LED-1200-FA2	2615	25,0	105	-40 ÷ 55
EXF390LED-1200-FA4	5230	48,0	109	-40 ÷ 55

OPTIONAL VERSIONS

MEAN EMERGENCY LUMINOUS FLUX FOR A3 VERSION

TYPE	LUMINOUS FLUX [lm]	AMBIENT TEMPERATURE
EXF390LED-0600-FA4	172	0 °C ÷ 45 °C
EXF390LED-1200-FA2	280	0 °C ÷ 45 °C
EXF390LED-1200-FA4	166	0 °C ÷ 45 °C

ATTENTION! The light fitting can work in temperature above 0°C.

MEAN EMERGENCY LUMINOUS FLUX FOR ZB VERSION WITH 35E (50% nominal luminous flux)

TYPE	LUMINOUS FLUX [lm]	AMBIENT TEMPERATURE
EXF390LED-0600-FA4-1	2024	-40 °C ÷ 55 °C
EXF390LED-0600-FA4-2	2436	-40 °C ÷ 55 °C
EXF390LED-0600-FA4-3	2840	-40 °C ÷ 55 °C
EXF390LED-1200-FA2-1	979	-40 °C ÷ 55 °C
EXF390LED-1200-FA2-2	1173	-40 °C ÷ 55 °C
EXF390LED-1200-FA2-3	1363	-40 °C ÷ 55 °C
EXF390LED-1200-FA4-1	1957	-40 °C ÷ 55 °C
EXF390LED-1200-FA4-2	2355	-40 °C ÷ 55 °C
EXF390LED-1200-FA4-3	2746	-40 °C ÷ 55 °C

MEAN EMERGENCY LUMINOUS FLUX FOR ZB VERSION WITH 25E (100% nominal luminous flux)

TYPE	LUMINOUS FLUX [lm]	AMBIENT TEMPERATURE
EXF390LED-0600-FA4	5230	-40 °C ÷ 55 °C
EXF390LED-1200-FA2	2615	-40 °C ÷ 55 °C
EXF390LED-1200-FA4	5230	-40 °C ÷ 55 °C