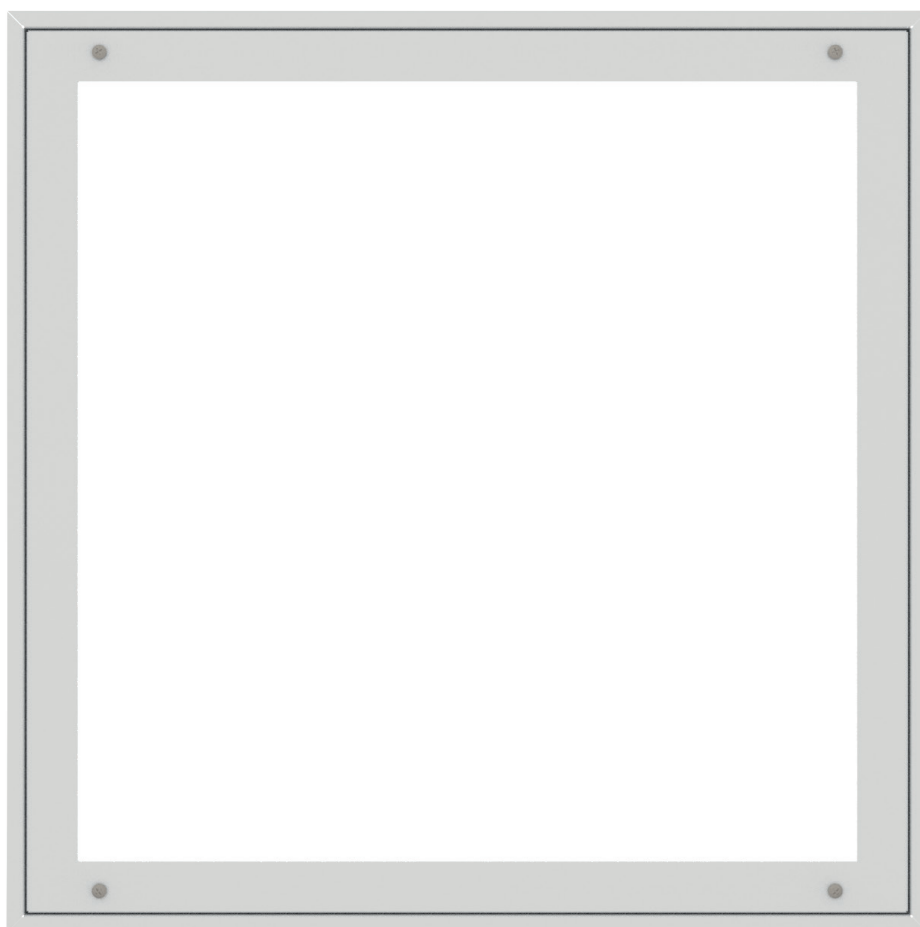


ZONE 21&2,22



EXL390LED



Distributed by BOXCO AB, +46 8 580 210 10
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EX MARKING:



II 3G Ex ec op is IIC T4 Gc
II 2D Ex tb op is IIIC T70°C or T80°C Db

CERTIFICATES:

KDB 15ATEX0049X
IECEX KDB 20.0003X

EXEMPLARY APPLICATIONS



REFINERIES



OFFSHORE

CHEMICAL
PLANTSCHEMICAL
WAREHOUSESPASSAGEWAYS
IN EX ZONES







Explosionproof light fitting with **LED modules** for suspended coffered ceilings or to be mounted on the ceiling surface. 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 steel or stainless steel.

Optional version with autonomous **A3** power source or driver for central battery **ZB**.







FEATURES





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

ELECTRICAL PARAMETERS

2,5 mm ²		connection terminals
230V, 50-60 Hz 230V, 0/50-60 Hz		input voltage
intrinsically safe LED modules		light source
>0,97		power factor
Ø20 or Ø25		cable inlets
2 kV		overvoltage protection

WORK PARAMETERS

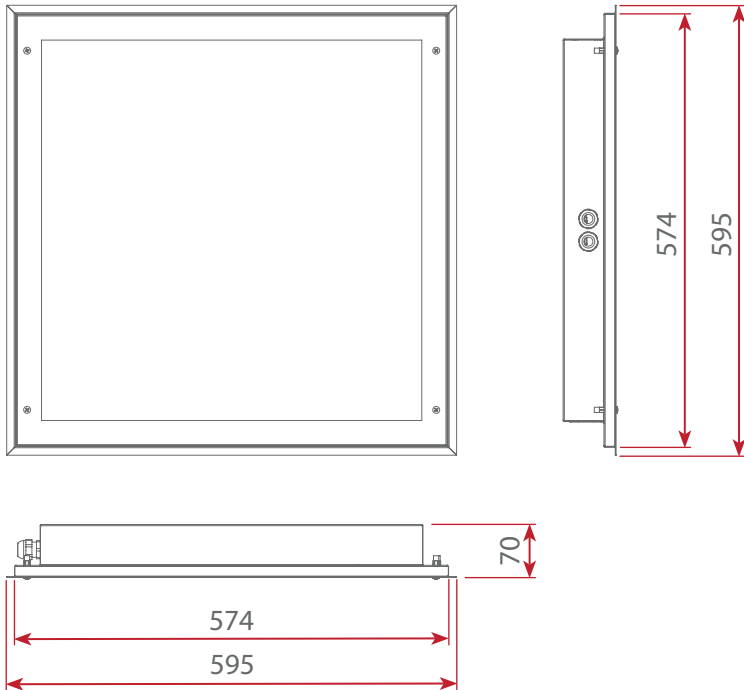
	ambient temperature	-40°C to +50°C <i>check: types comparison</i>
	lifetime	>70.000h L ₈₀ B ₁₀

PHOTOMETRICAL PARAMETERS

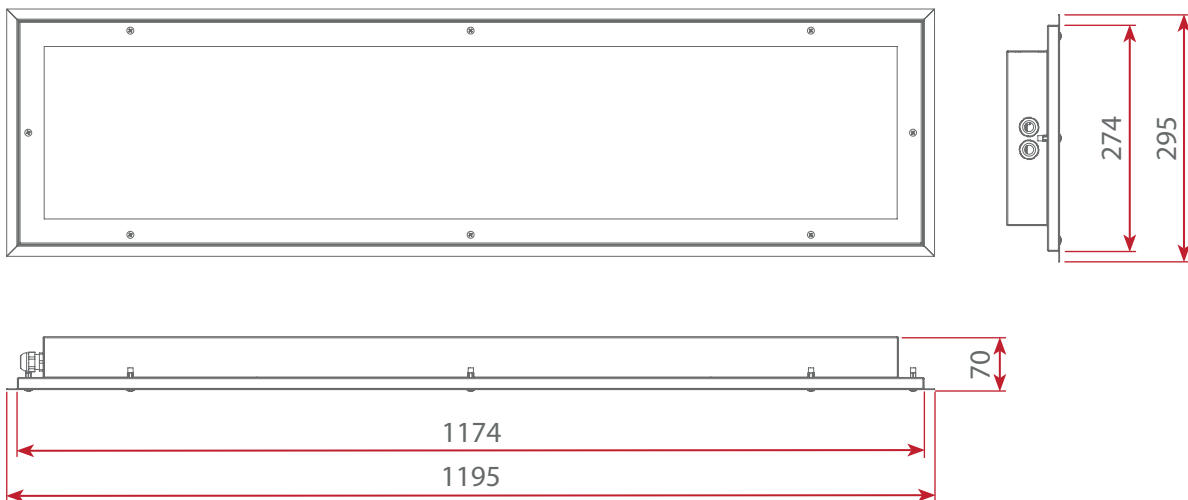
>80		CRI
4000K		colour temperature

DIMENSIONS - VERSION RC

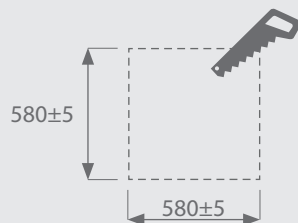
EXL390LED-0600-RC - version designed to be mounted in the suspended coffered ceilings



EXL390LED-1200-RC - version designed to be mounted in the suspended coffered ceilings



EXL390LED-0600-...-RC



CUTOUT

EXL390LED-1200-...-RC

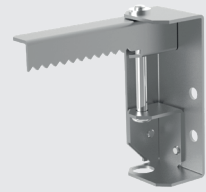


MOUNTING ACCESSORIES FOR RC VERSION

In case of installation EXL390LED-..-RC version in a suspended coffered ceilings 60x60 cm or 120x30 cm this accessory is necessary.

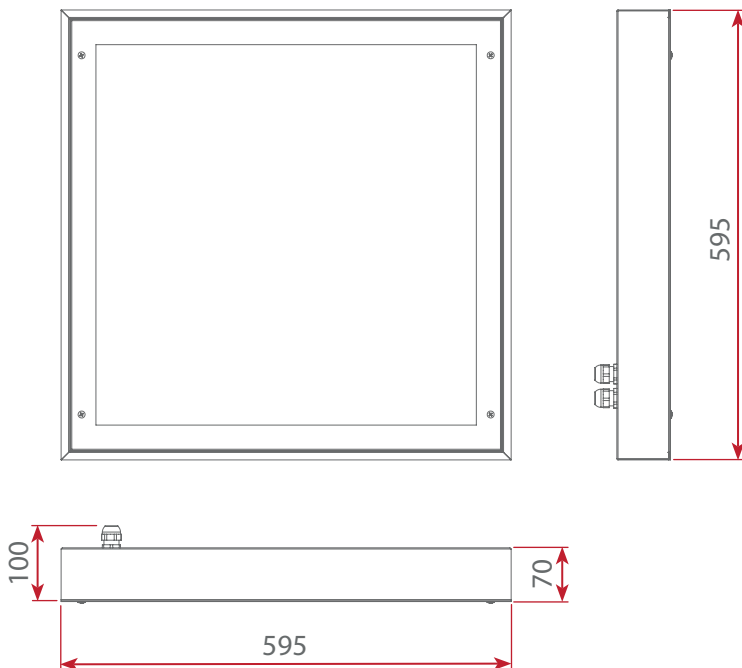
There is a possibility to match the accessory to a specific ceiling type.

More information about EXL390LED-..-RC is available after contacting the Sales Department.

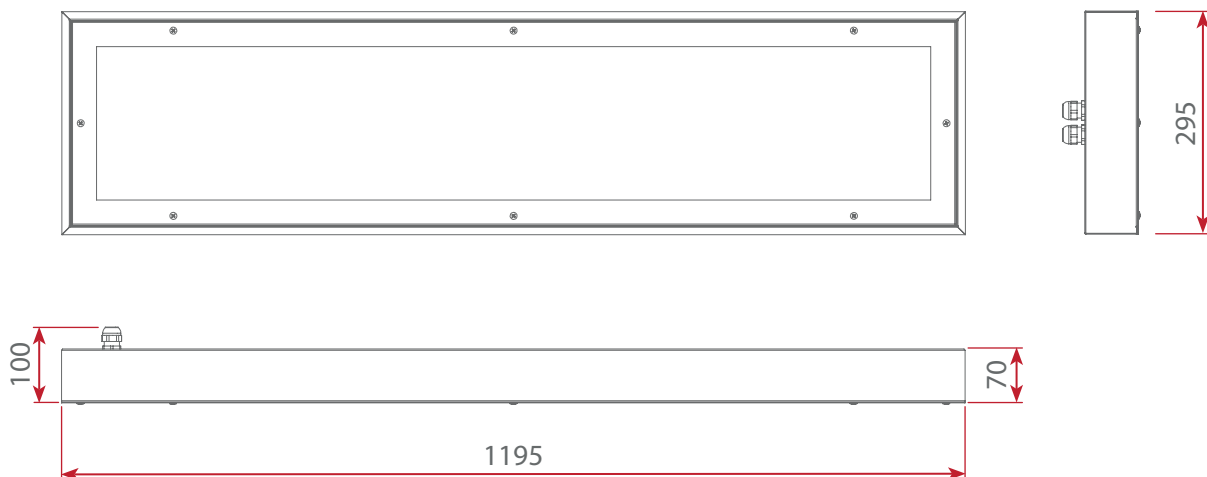


DIMENSIONS - VERSION SF

EXL390LED-0600-SF - version designed to be mounted on the ceiling surface



EXL390LED-1200-SF - version designed to be mounted on the ceiling surface



TYPES COMPARISON

TYPE OF THE FITTING	LUMINOUS FLUX [lm]	POWER CONSUMPTION [W]	EFFICIENCY [lm/W]	AMBIENT TEMPERATURE [°C]
EXL390LED-0600-E4-1	4636	35,0	132	-40 ÷ 50
EXL390LED-0600-E4-3	6265	47,0	133	-40 ÷ 50
EXL390LED-1200-E3-1	3160	27,1	117	-40 ÷ 50
EXL390LED-1200-E3-3	4270	36,6	117	-40 ÷ 50
EXL390LED-1200-E6-1	6445	52,0	124	-40 ÷ 50
EXL390LED-1200-E6-3	8710	70,5	124	-40 ÷ 50



Luminous flux tolerance +/- 10%
 Power tolerance +/- 10%
 The parameters given in the following data sheet has been determined for the temperature $T_a=25^{\circ}\text{C}$.

Luminous flux, light intensity distribution and efficiency has been tested on the basis of the standards EN ISO 17025:2005, norm series EN13032 and LM-79.

The actual data and General Warranty Conditions are available on our website www.atmlighting.pl

OPTIONAL VERSIONS



Emergency power module:

Version with 3h emergency power module. The possibility of work above 0°C



Central battery:

Version with a driver for central battery

MEAN EMERGENCY MODE LUMINOUS FLUX

TYPE OF THE FITTING	VERSION A3 [lm]	VERSION ZB [lm]
EXL390LED-0600-E4-1	584	2318
EXL390LED-0600-E4-3	528	3133
EXL390LED-1200-E3-1	398	1580
EXL390LED-1200-E3-3	360	2135
EXL390LED-1200-E6-1	812	3223
EXL390LED-1200-E6-3	734	4355

3F

3-phase network:

version adapted to work in a three-phase network, equipped with connectors $5 \times 2,5 \text{mm}^2$ (L1, L2, L3, PE, N)

PHOTOMETRY

