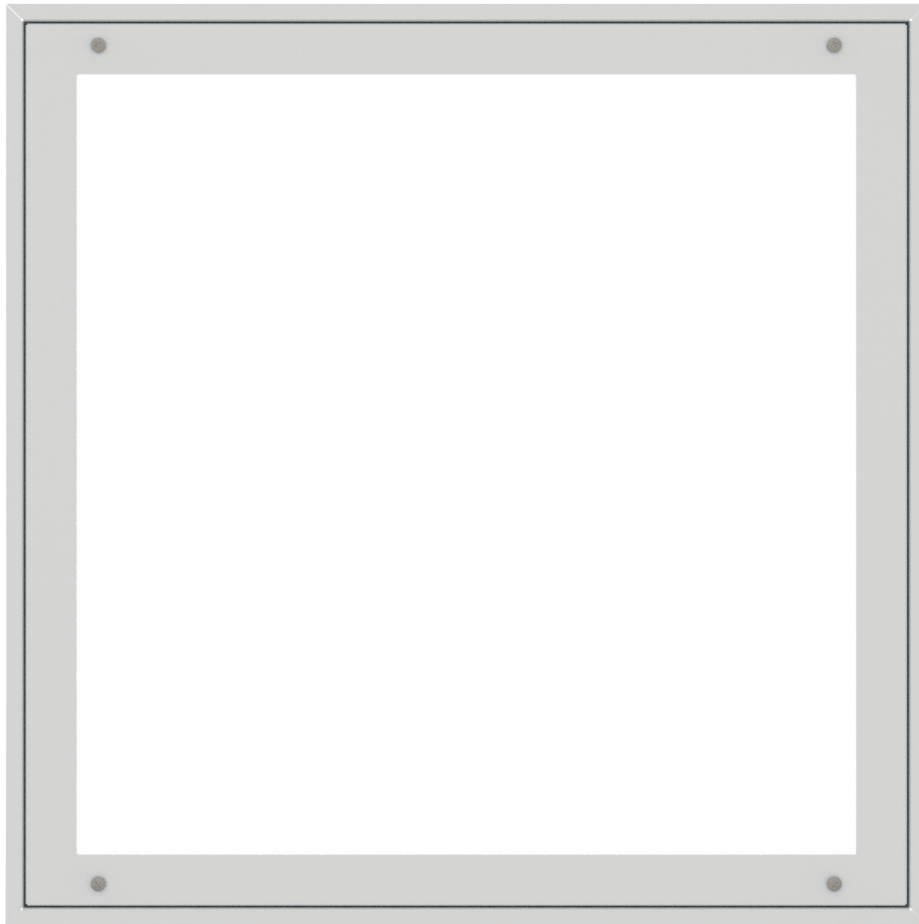


ZONE 1,21&2,22



# EXF390LED



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## JSHP 20 ATEX 0071X



EX MARKING:

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

## 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 **1.21 & 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.



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FEATURES





MECHANICAL PARAMETERS

	housing	powder coated steel or 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 <sup>2</sup>		connection terminals
220-240V 0/50-60 Hz; 110-254V 50÷60Hz 220-240V 0Hz		input voltage
intrinsically safe LED modules		light source
>0,97		power factor
Ø20 or Ø25		cable inlets
2 kV		overvoltage protection

WORK PARAMETERS

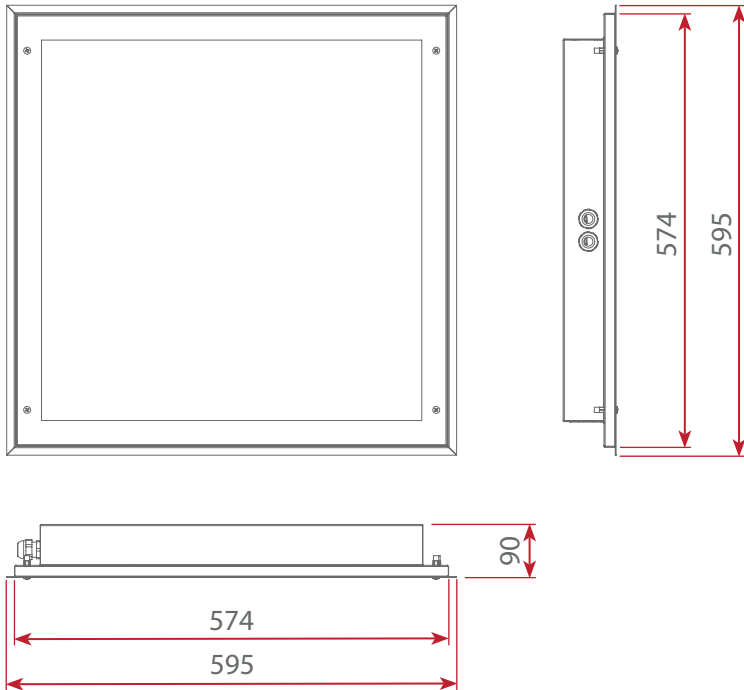
	ambient temperature	-40°C to +55°C <i>check: types comparison</i>
	lifetime	>70.000h L <sub>80</sub> B <sub>10</sub>

PHOTOMETRICAL PARAMETERS

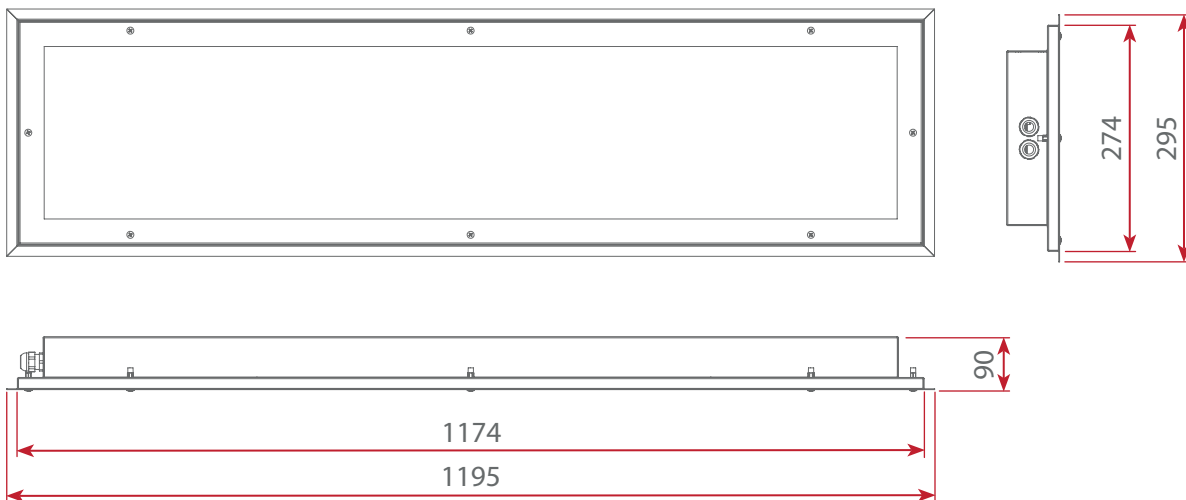
>80		CRI
4000K		colour temperature

## DIMENSIONS - VERSION RC

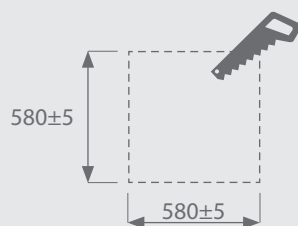
EXF390LED-0600-RC - version designed to be mounted in the suspended coffered ceilings



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



EXF390LED-0600-..-RC



CUTOUT

EXF390LED-1200-..-RC

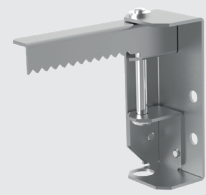


MOUNTING ACCESSORIES FOR RC VERSION

In case of installation EXF390LED-.-RC version in a suspended coffered ceilings 60x60 cm or 120x30 cm this accessory is necessary.

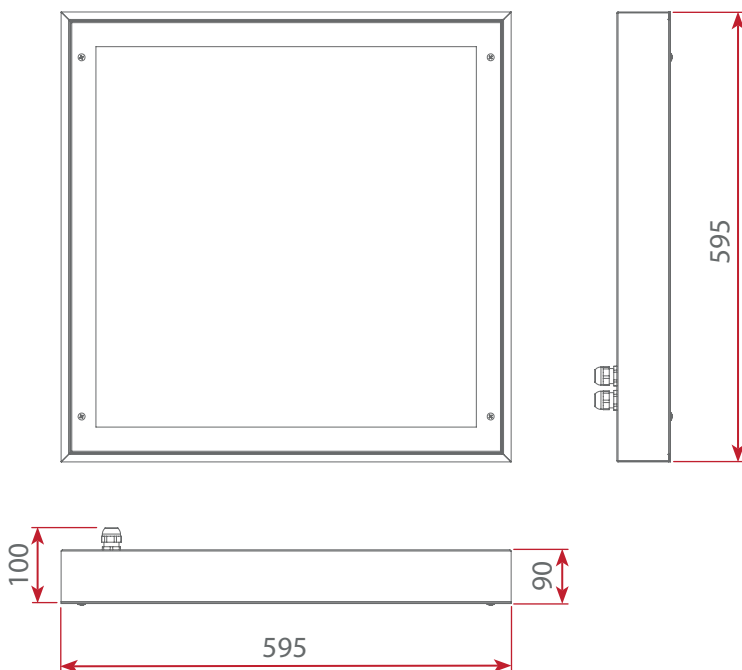
There is a possibility to match the accessory to a specific ceiling type.

More information about EXF390LED-.-RC is available after contacting the Sales Department.

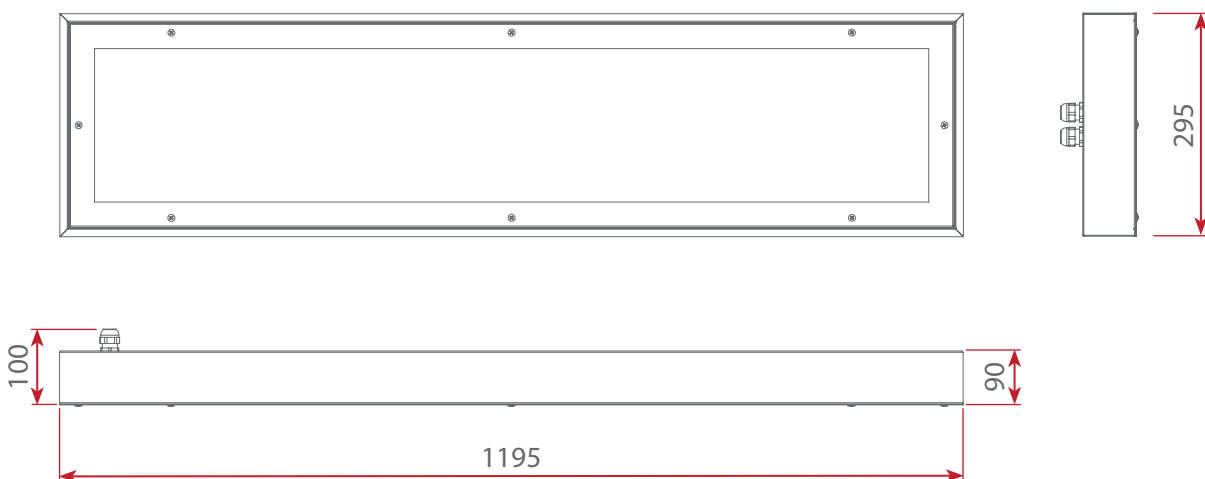


DIMENSIONS - VERSION SF

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

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



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](http://www.atmlighting.pl)

## OPTIONAL VERSIONS



Emergency power module:

Version with 3h emergency power module. The possibility of work above  $0^{\circ}\text{C}$



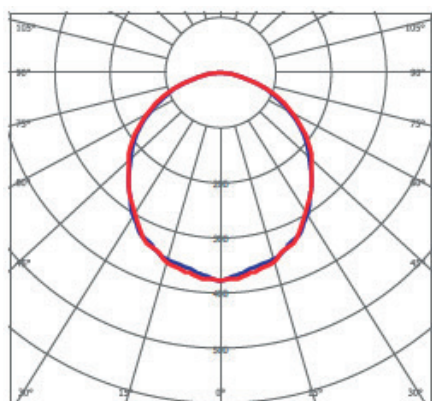
Central battery:

Version with a driver for central battery

### MEAN EMERGENCY MODE LUMINOUS FLUX

TYPE OF THE LIGHT FITTING	VERSION A3 [lm]	VERSION ZB [lm]
EXF390LED-0600-FA4	227	4684
EXF390LED-1200-FA2	121	2342
EXF390LED-1200-FA4	227	4684

## PHOTOMETRY



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