



Hazardous
Lighting Solutions LTD



EXF390LED

Explosionproof light fitting with LED modules.



OFFSHORE



CHEMICAL WAREHOUSES



PASSAGeways



CLEANROOM



CHEMICAL



REFINERIES



PHARMACEUTICAL



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

MECHANICAL FEATURES

Housing: Powder-coated Stainless Steel

Diffuser: PC type opal or tempered glass

Ingress protection: IP65

Protection class: I

Mounting: Ceiling or wall mounting, hook suspension, or wall attachment with side hangers (not included)

Accessories: Depending on the type of ceiling

ELECTRICAL FEATURES

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

WORK PARAMETERS

Ambient Temperatures: -40°C to +55°C

(check types comparison)

Lifetime: >70.000h L80 B10

PHOTOMETRICAL PARAMETERS

Colour temperature: 4000K

CRI: >80

TYPES COMPARISONS

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	125	-40 - 55
EXF390LED-1200-FA2-2	2355	18.7	126	-40 - 55
EXF390LED-1200-FA2-3	2746	21.9	125	-40 - 55
EXF390LED-1200-FA4-1	3913	31.2	125	-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	109	-40 - 55
EXF390LED-1200-FA2	2615	25	105	-40 - 55
EXF390LED-1200-FA4	5230	48	109	-40 - 55

OPTIONAL VERSIONS



3H

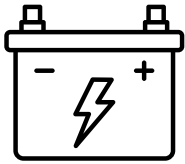
EMERGENCY POWER MODULE: VERSION WITH 3H EMERGENCY POWER MODULE. THE POSSIBILITY OF WORK ABOUT -20°C

A3

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

E.&O.E



CENTRAL BATTERY: VERSION WITH A DRIVER FOR CENTRAL BATTERY

ZB

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

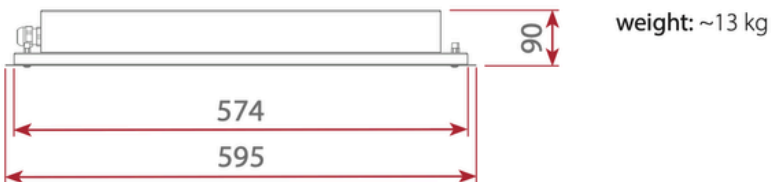
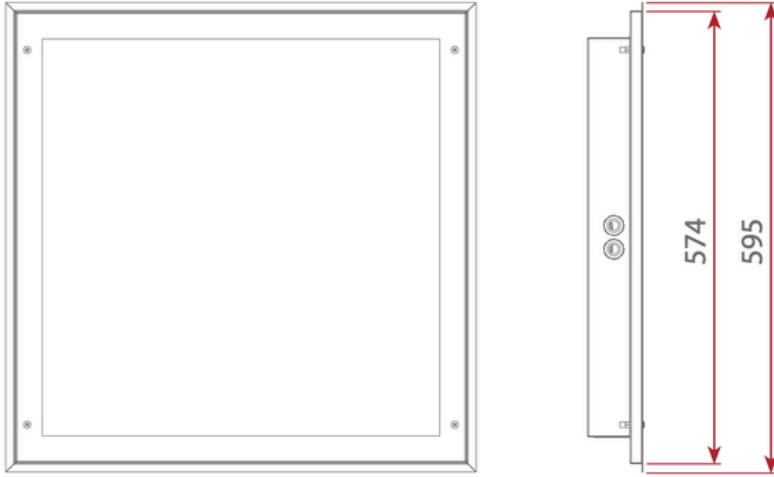


DALI-2 DRIVER: Version equipped with Dali 2 driver

DA

DIMENSIONS- VERSION RC

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

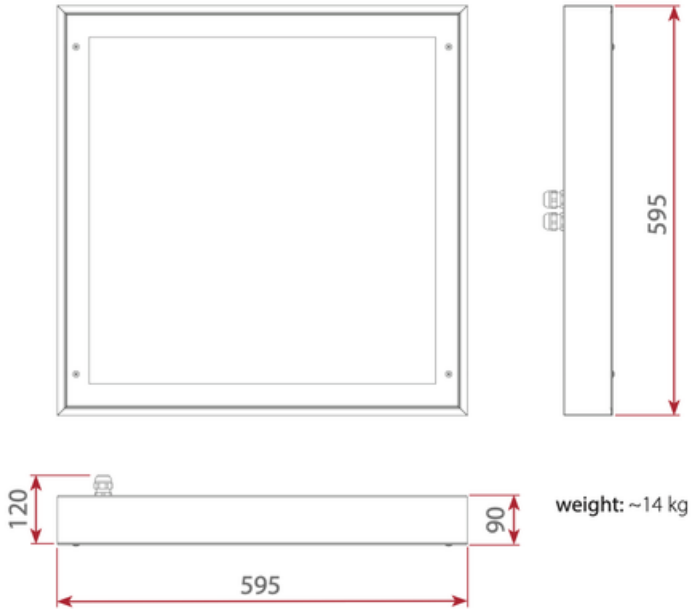


EXF390LED-1200-RC - version designed to be mounted in the suspended coffered ceilings



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

