



Hazardous
Lighting Solutions LTD



INS390 LED- DUAL



Industrial light fitting with
LED modules



CHEMICAL



CHEMICAL
WAREHOUSES



PHARMACEUTICAL



MECHANICAL FEATURES

Material: Powder-coated stainless steel (NIRO)

Diffuser Material: Tempered glass (GL)
Polycarbonate (PC)

Ingress protection: IP65

Protection class: I

Installation: Surface-mounted (SF)

Recessed (RG)

Clip-in (CLIP)

On threaded rods (TR)

(depending on ceiling type)

ELECTRICAL FEATURES

Connection Terminals: 2.5 mm²

Input Voltage: 35E: 220–240V 50–60 Hz
220–240V 0Hz

34E: 220-240V 50-60 Hz

Light source: specialistic LED modules

Power factor: 0.97

Cable entries: Ø20 (wire 6–13 mm) / Ø25 –
optional (wire 10–17 mm)

WORK PARAMETERS

Ambient temperature: From –40°C to +50°C

Lifetime: 70,000 h L80 B10 / 100,000 h L70
B10

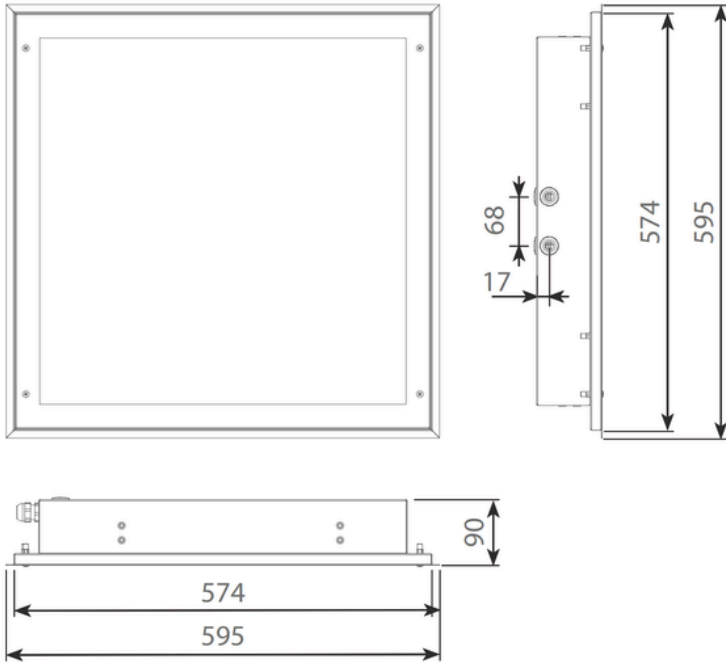
PHOTOMETRICAL PARAMETERS

CRI: 80 (white mode) 60 (yellow mode)

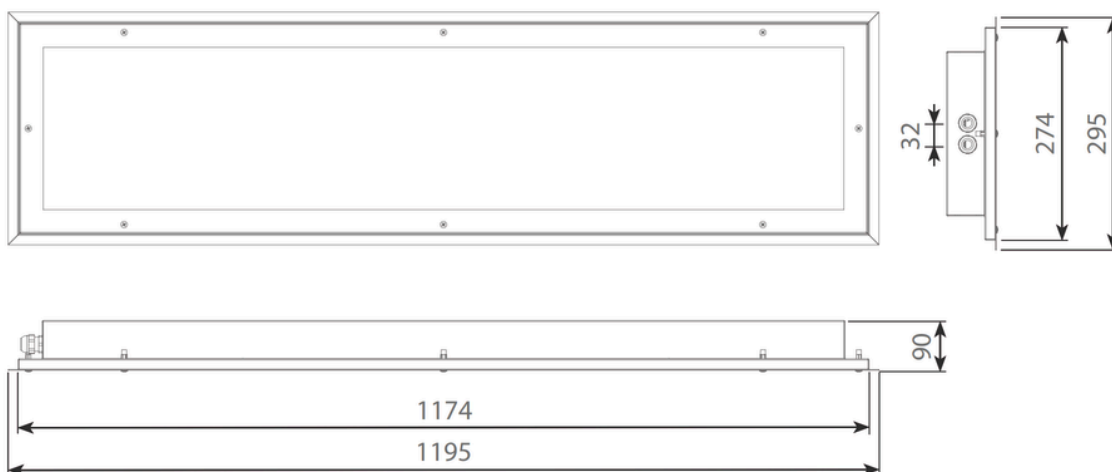
Colour temperature:
4000 K (white mode)
1800 K (yellow mode)

DIMENSIONS - RC VERSION

INS390LED-0600-RC - version designed to be mounted in the suspended coffered ceilings

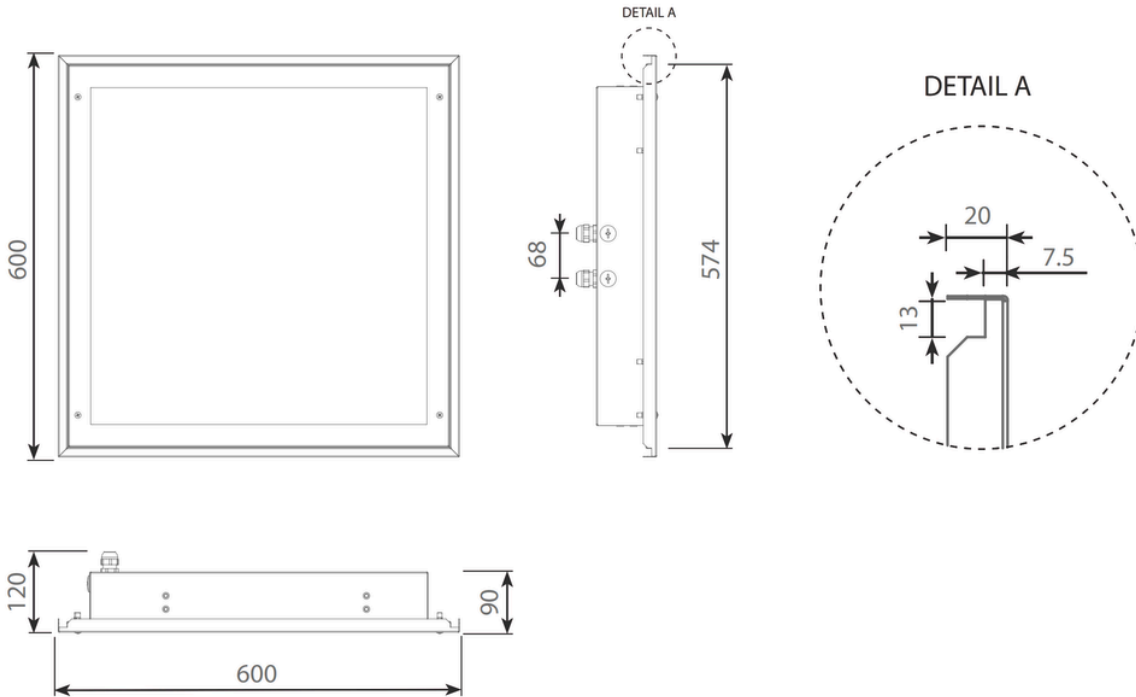


INS390LED-1200-RC - version designed to be mounted in the suspended coffered ceilings

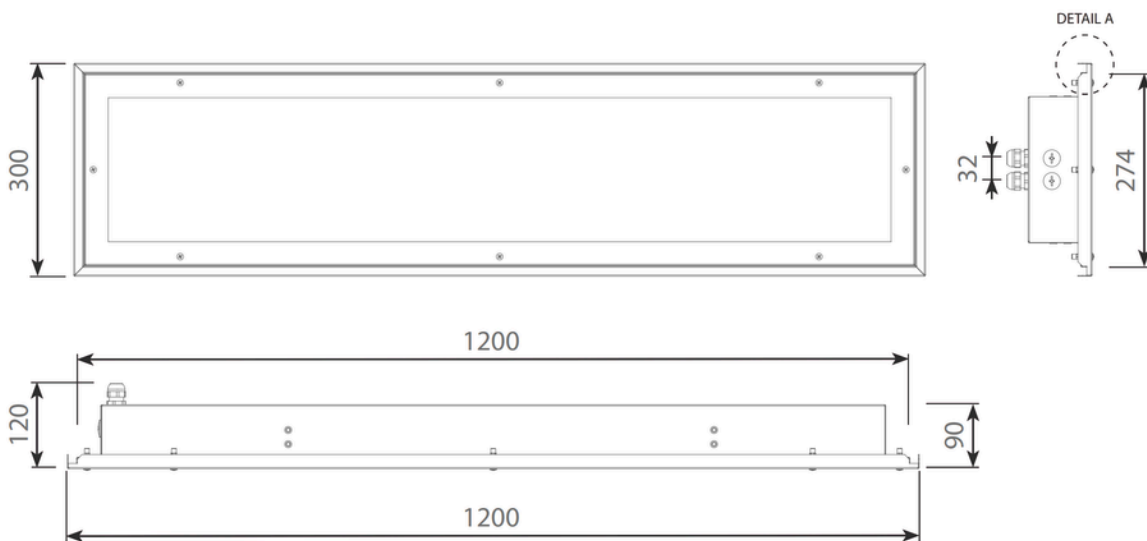


DIMENSIONS - VERSION CLIP1

INS390LED-0600-CLIP 1 - version designed to be mounted in clip-in ceiling

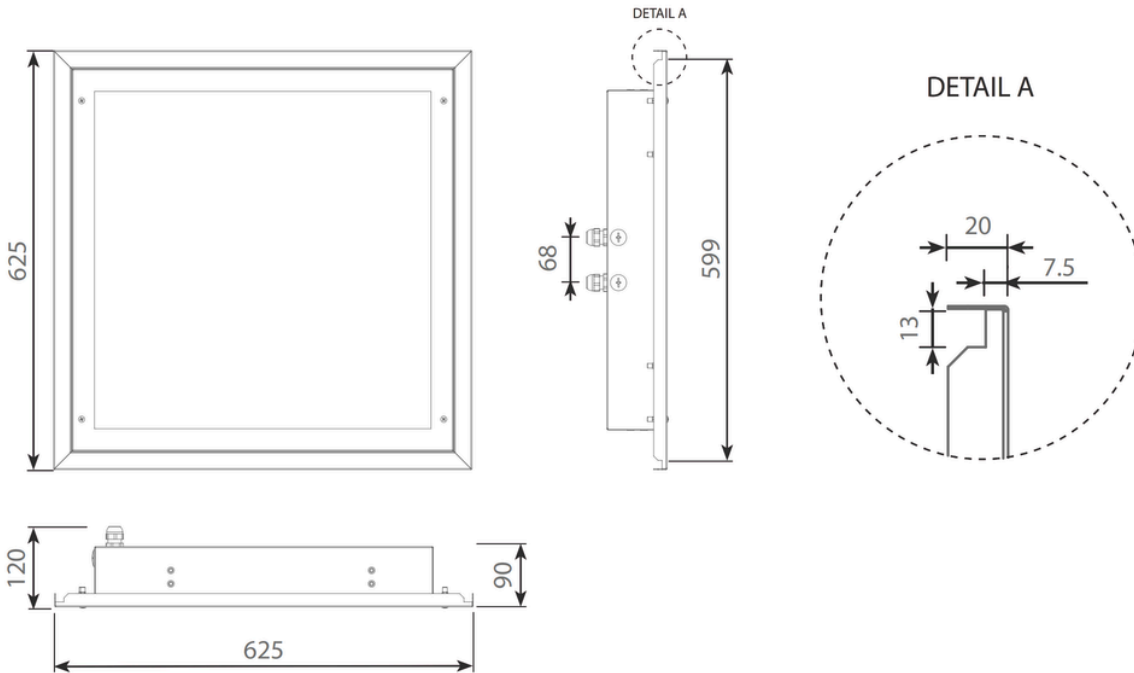


INS390LED-1200-CLIP1 - version designed to be mounted in clip-in ceilings

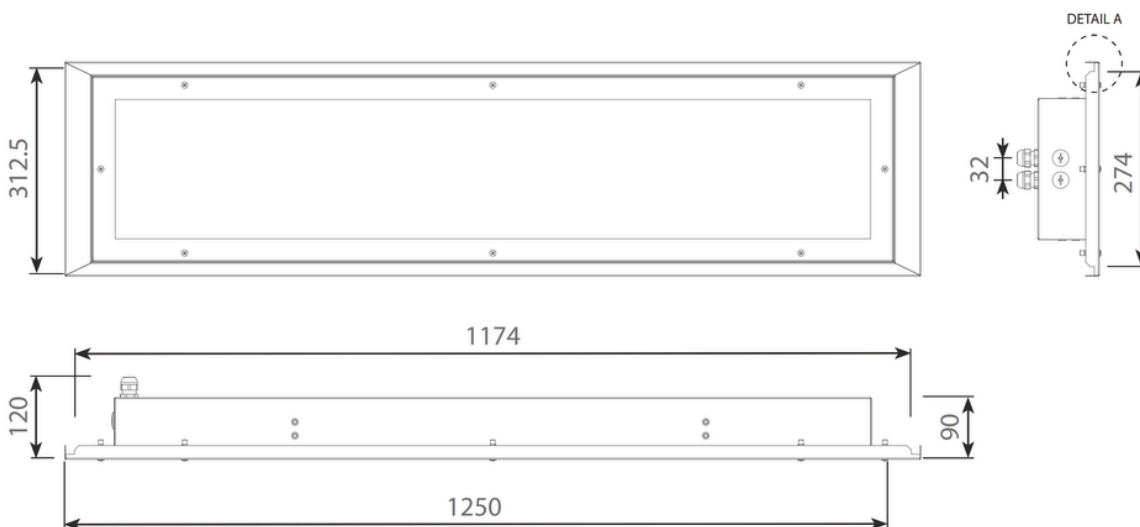


DIMENSIONS - VERSION CLIP2

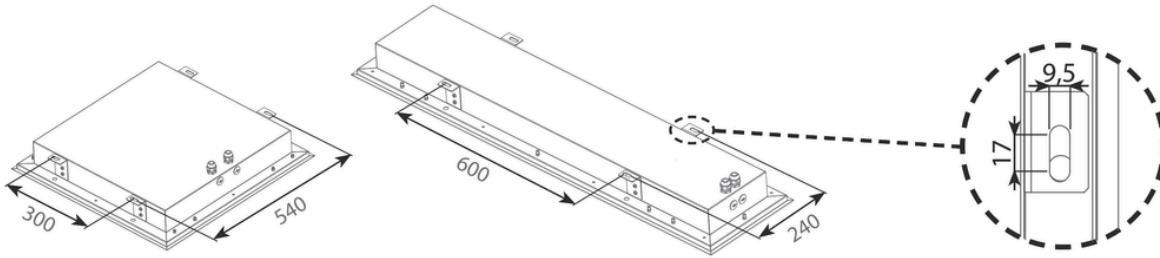
INS390LED-0600-CLIP2 - version designed to be mounted in clip-in ceiling



INS390LED-1200-CLIP2 - version designed to be mounted in clip-in ceilings

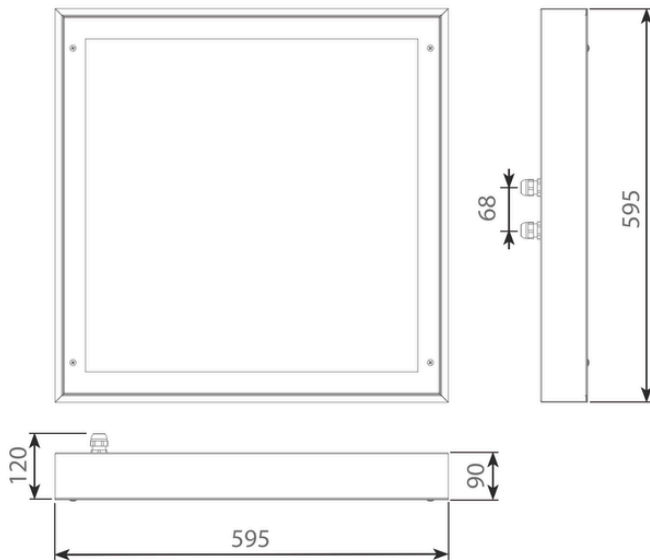


MOUNTING ACCESSORIES FOR VERSIONS RC, CLIP1, CLIP2

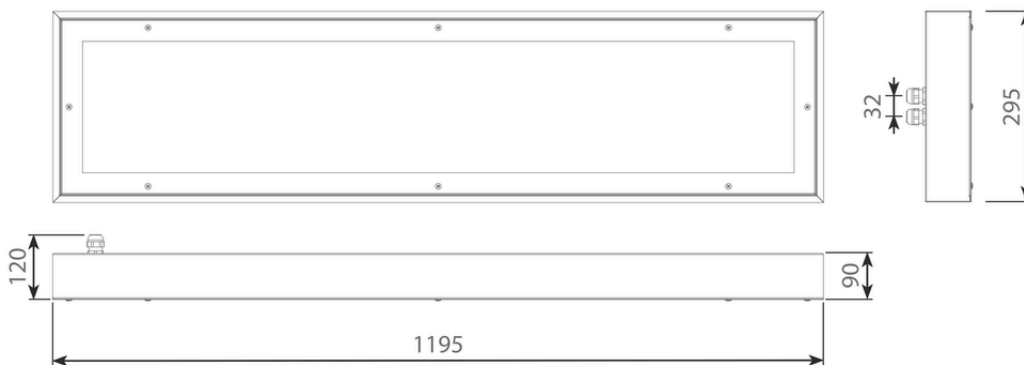


DIMENSIONS- VERSION SF

INS390LED-0600-SF – version designed to be mounted on the ceiling surface

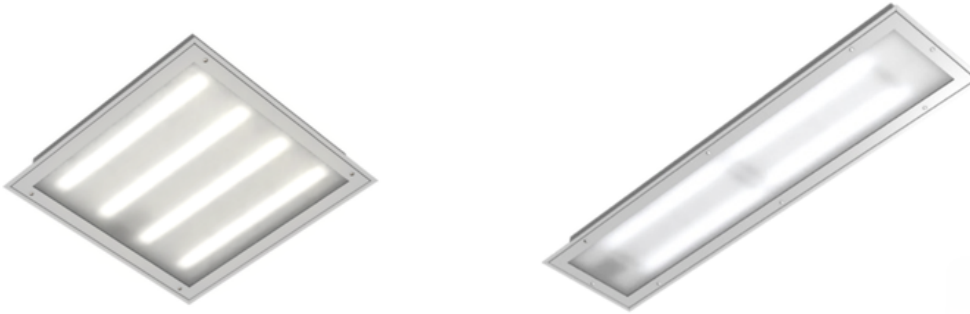


INS390LED-1200-SF – version designed to be mounted on the ceiling surface



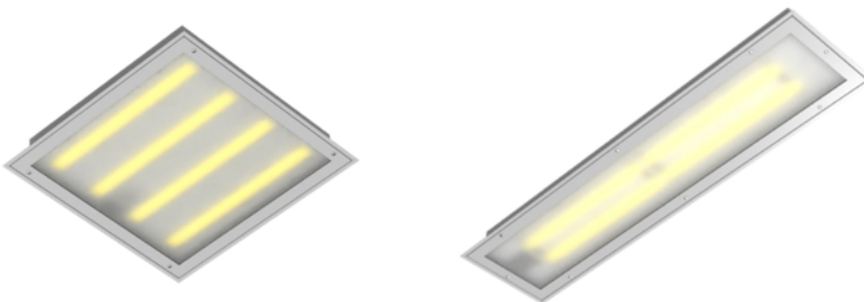
LUMINAIRE OPERATING MODES

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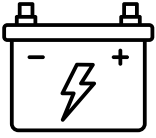
TYPE OF THE LUMINAIRE	LUMINOUS FLUX [lm]	POWER CONSUMPTION [W]	EFFICIENCY [lm/W]	AMBIENT TEMPERATURE [°C]	WEIGHT [kg]
INS390LED-0600-X4Y3-1	4830	35	138	-40 ÷ 50	~13,5
INS390LED-0600-X4Y3-3	6600	47	140	-40 ÷ 50	~13,5
INS390LED-1200-X4Y4-1	4720	35	135	-40 ÷ 50	~17,9
INS390LED-1200-X4Y4-3	6450	47	137	-40 ÷ 50	~17,9

YELLOW MODE



TYPE OF THE LUMINAIRE	LUMINOUS FLUX [lm]	POWER CONSUMPTION [W]	EFFICIENCY [lm/W]	AMBIENT TEMPERATURE [°C]
INS390LED-0600-X4Y3-1	4750	43	110	-40 ÷ 50
INS390LED-0600-X4Y3-3	4750	43	110	-40 ÷ 50
INS390LED-1200-X4Y4-1	4570	41	112	-40 ÷ 50
INS390LED-1200-X4Y4-3	4570	41	112	-40 ÷ 50

OPTIONAL VERSIONS



CENTRAL BATTERY – ZB

Version adapted to work with central battery. Available separately for white and yellow operating modes

DC voltage range: 176 - 280V, 0Hz

Network switching is possible for temperatures above -35°C



EMERGENCY POWER MODUCLE

Version with 3h emergency power supply module. Possibility to work in white mode above 0°C. *Only available for white mode operation*



DALI DRIVER

PHOTOMETRY

