

Indoor luminaire

FIDI-03-2x T8 Cristal


FIDI-03-218 PMP, FIDI-03-218 PMO Cristal
FIDI-03-236 PMP, FIDI-03-236 PMO Cristal



About the product

The luminaires from FIDI-03 range of products offers a versatile and ergonomic solution for indoor lighting. It is a product that adds a pleasant note to the spaces where it is installed.



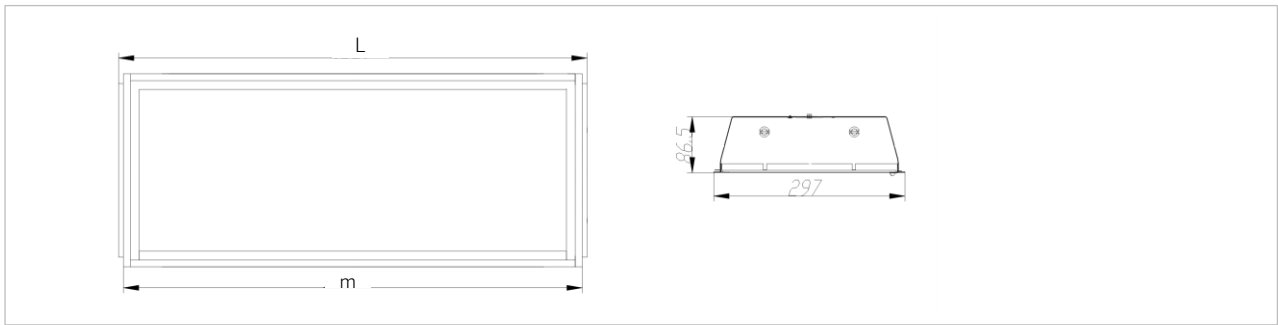
EN 60598	RoHS	IP40		-5°C ÷ +35°C	18W, 36W T8 G13
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Application

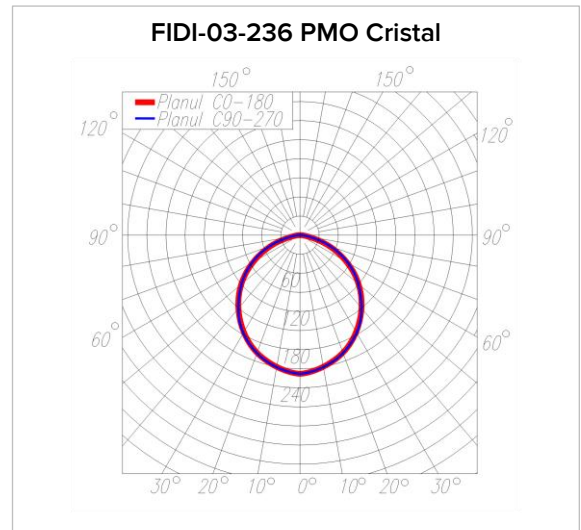
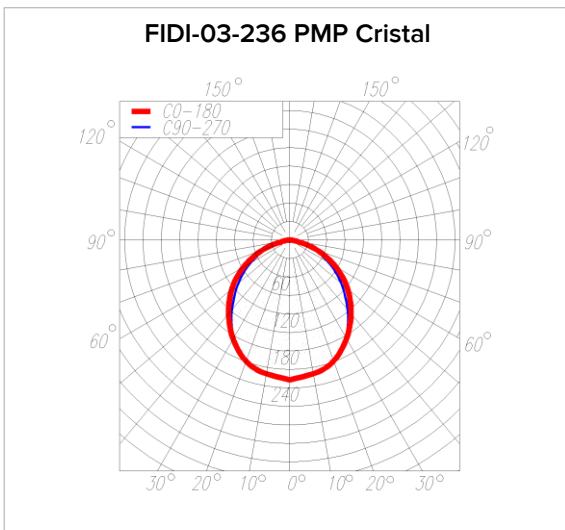
General indoor lighting: commercial areas, schools, arts and culture, rooms with computers monitors.

Light sources

- Tubular fluorescent lamp T8 Ø26mm , socket G13



Product type	L [mm]	L1 [mm]	l [mm]	H [mm]	m [mm]	n [mm]
FIDI-03-218 Cristal	620	596	297	87	600	300
FIDI-03-236 Cristal	1220	596	297	87	1200	300



Photometric data FIDI-03-218 PMP
 CIE: 50 81 96 100 60
 UTE: 0.60D
 Light distribution diagram [Cd/1000lm]

Photometric data FIDI-03-218 PMO
 CIE: 48 79 96 100 60
 UTE: 0.60D
 Light distribution diagram [Cd/1000lm]

Description

- Steel sheet body white painted with powder.
- Steel sheet white frame painted with powder.
- Transparent patterned PMMA diffuser (PMP) or white opal PMMA diffuser with high transmission ($\tau = 80\%$) (PMO).
- Gear (ballast) included in the product and manufactured according to the specific standards.
- Colour: white.

Variants on request

- On request the luminaire could be equipped with:
 - high performance electronic ballast HFP,
 - standard electronic ballast HFS,
 - dimmable electronic ballast HFR
 - emergency lighting kit for 3 hours (3H) or 1 hour (1H).
 - connector type Wieland GST 18i3 male CS1
 - connector Push-In PI
 - rapid mounting kit (ready to install)
- The variant with emergency lighting with fluorescent lamp (EM - emergency):
 - The inverter ensures both the accumulators charging and the switch to the emergency functioning mode of the luminaire
 - Accumulators: Ni-Cd 3x1,2V/4Ah that ensure autonomy in emergency mode of 3 hours or 1 hour function of the inverter.
 - The charging time of the accumulators: 12 ore
 - On emergency mode during 1 or 3 hours the luminous flux is maintained to min. 8% from the nominal lamp flux.

Mounting

- Recessed in modular ceilings with dimensions 600mmx300, 1200x300.

Technical features

- Rated voltage: 230V/50Hz
- Surrounding temperature: $-5^{\circ}\text{C} \div + 35^{\circ}\text{C}$
- Relative humidity: till 80% at the temperature of $+ 20^{\circ}\text{C}$
- Mechanical impact resistance: IK07 (PMP variant)
- Jolt resistance according to SR EN 60068-2-29: 1000 ± 10 jolts, acceleration of 10g, duration of impulse: 16ms

- The luminaire is manufactured according to the requirements of the standards SR EN 60598-1, SR EN 60598-2-2.

Compliance with the European Directives

- Low Voltage Directive.
- Electromagnetic Compatibility Directive.
- RoHS Directive, WEEE Directive.

The product could be realised in more variants functions of the power, diffuser type and length.

Product type	Rated power [W]	Power factor $\cos \varphi$	Protection degree	Class of protection against electric shock	Weight [Kg]
FIDI-03-218 PMP	2x18	≥ 0.92	IP40	I	3.00
FIDI-03-218 PMO	2x18	≥ 0.92	IP40	I	3.00
FIDI-03-236 PMP	2x36	≥ 0.92	IP40	I	5.50
FIDI-03-236 PMO	2x36	≥ 0.92	IP40	I	5.50

PMP = PMMA transparent diffuser, PMO = PMMA White opal diffuser

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