

Indoor luminaire

FIRI-05-418 Rigips

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About the product

Recessed luminaire for plasterboard ceilings.



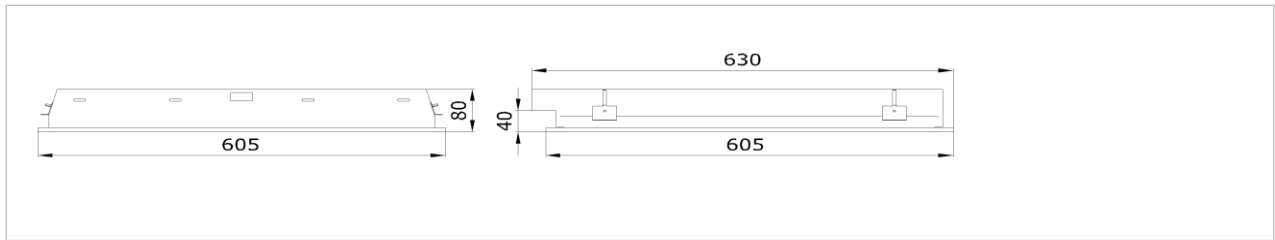
EN 60598	RoHS	IP40	IK07		960°C	-5°C ÷ +35°C	18W T8 G13
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Application

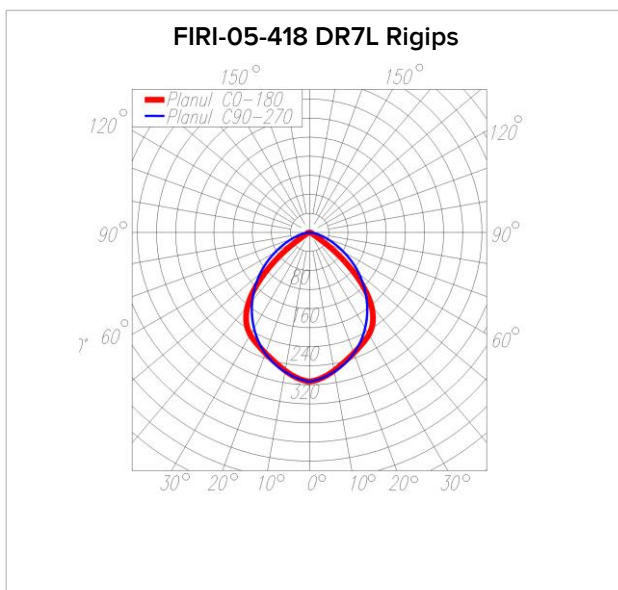
General indoor lighting for rooms with plasterboard false ceiling. Public buildings, commercial areas, schools.
Lighting for offices with computer monitors.

Light source

- Tubular fluorescent lamps T8 (ø26mm) G13.



Product type	L [mm]	I [mm]	H [mm]	m [mm]	n [mm]
FIRI-05-418 Rigips	630	605	80	590	590



Photometric data FIRI-05-418 DR7L Rigips

CIE: 62 93 99 100 62

UTE: 0.62C

UGR < 19

Light distribution diagram [Cd/1000lm]

Description

- Steel sheet body white painted with powder in which the electric gear is mounted.
- Flat V shaped reflector (DR) made from aluminium sheet with a reflection factor >0.85 , special designed to obtain low luminances.
- Simple safety suspension RI (interior adjustment 0.7÷1.4m).
- Gear (ballast) included in the product and manufactured according to the specific standards.
- Colour: white.

Variants on request

- On request the variant with fluorescent tubes could be equipped with:
 - standard electronic ballast HFS.
 - high performance electronic ballast HFP.
 - dimmable electronic ballast HFR.
 - Double parabolic reflector (DP) or simple parabolic reflector (SP) made from aluminium sheet with a reflection factor >0.85 .
- On request variant for 36W fluorescent tubes T8 (4x36W for cut-out dimensions 1190x590mm).
- Note. The options could be combined function of the customer request.

Mounting

- Recessed in plasterboard ceilings with the cut-out dimension 590x590 mm.

Technical features

- Rated voltage: 230V/50Hz
- Surrounding temperature: $-5^{\circ}\text{C} \dots + 35^{\circ}\text{C}$
- Relative humidity: till 80% at the temperature of $+ 20^{\circ}\text{C}$
- Saline fog: 48 hours according to SR EN 60068-2-11
- Jolt resistance: 1000 ± 10 jolts, acceleration of 10g, duration of impulse: 16ms, according to SR EN 60068-2-29.
- The luminaire is manufactured according to the requirements of the luminaire 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 reflector type and gear.

Product type	Rated power [W]	Power factor $\cos \varphi$	Protection degree	Class of protection against electric shock	Weight [Kg]
FIRI-05-418 DR RIGIPS	4x18	≥ 0.92	IP40	I	~4.44
FIRI-05-418 DR HFS RIGIPS	4x18	≥ 0.96	IP40	I	~3.54
FIRI-05-418 DR HFP RIGIPS	4x18	≥ 0.96	IP40	I	~3.54
FIRI-05-418 DR HFR RIGIPS	4x18	≥ 0.96	IP40	I	~3.54
FIRI-05-418 DP RIGIPS	4x18	≥ 0.92	IP40	I	~4.44
FIRI-05-418 DP HFS RIGIPS	4x18	≥ 0.96	IP40	I	~3.54
FIRI-05-418 DP HFP RIGIPS	4x18	≥ 0.96	IP40	I	~3.54
FIRI-05-418 DP HFR RIGIPS	4x18	≥ 0.96	IP40	I	~3.54
FIRI-05-418 SP RIGIPS	4x18	≥ 0.92	IP40	I	~4.44
FIRI-05-418 SP HFS RIGIPS	4x18	≥ 0.96	IP40	I	~3.54
FIRI-05-418 SP HFP RIGIPS	4x18	≥ 0.96	IP40	I	~3.54
FIRI-05-418 SP HFR RIGIPS	4x18	≥ 0.96	IP40	I	~3.54

DR = flat reflector, DP = double parabolic reflector, SP = simple parabolic reflector, HFS = standard electronic ballast, HFP = high performance electronic ballast, HFR = dimmable electronic ballast

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