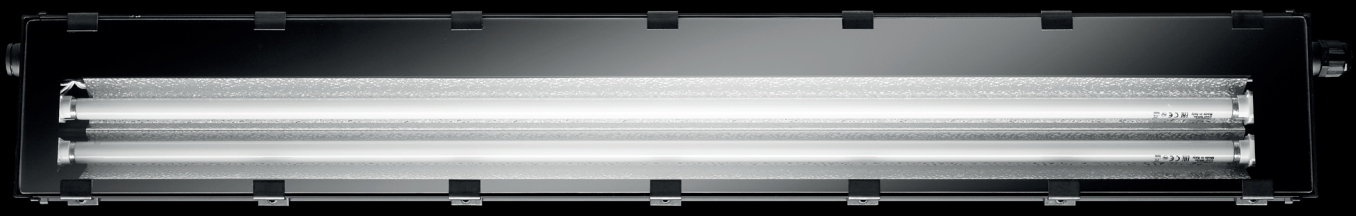
TLED40

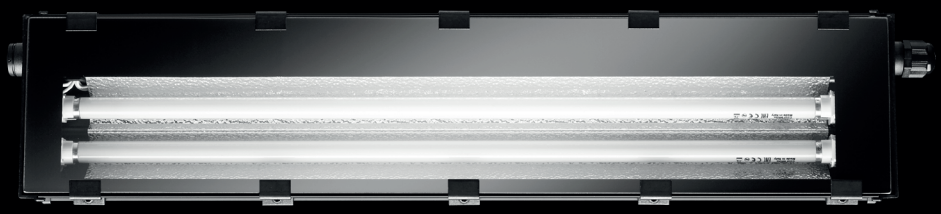
TLED18

TLED12

PS20-2X39W



PS20-2X24W



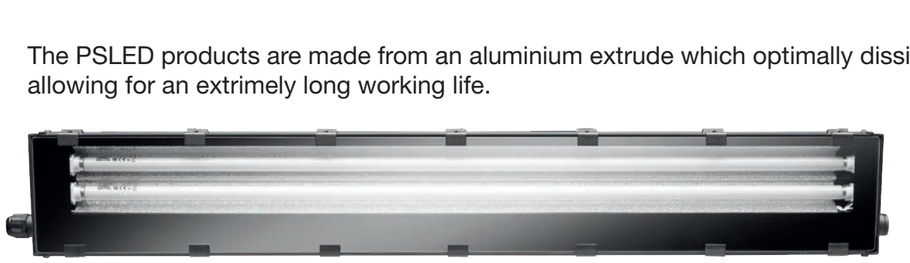
PSLED40W-24VCC

Ceiling lamps

RIMSA presents two types of ceiling lamps - cylindrical and rectangular. Cylindrical ceiling lamps are available in LED and fluorescent versions.

(Rectangular) Ps
ceiling lamps

The PSLED products are made from an aluminium extrude which optimally dissipate heath thus allowing for an extrimely long working life.



Designed to reduce the overall dimensions of the lighting fixture, increase lumen output, and optimize the cooling of the internal electronic circuit, the products of the PS Series provide exceptional resistance to impact from chips.
The side parts in moulded polymeric material are screwed directly onto the extruded aluminium body, while the front of the ceiling lamp is covered by a 4 mm tempered Pyrex glass screen, perfectly sealed with a polyurethane gasket. Protection degree IP67. The tempered glass is fixed to the aluminium body by means of plastic screw fasteners. The electronic supply unit and T5 fluorescent tubes are located inside the ceiling lamp. The lumen output of the T5 fluorescent tubes is reflected by a specially designed diffuser screen. All the materials are resistant to common solvents, degreasing agents, and lubricant and coolant emulsions. The side cap features the connection terminal for connection to the external cable, with maximum dimensions of M20x1.5 mm. To access the electrical connection terminal, first remove the cable gland sealed with an O-ring. It is not therefore necessary to disassemble the ceiling lamp in order to connect it electrically to the machine. This saves time for the installer and reduces the possibility of reassembly error. The high quality (and good cooling) of the electronic supply unit and T5 fluorescent tubes are a prerequisite for a lamp service life of 20,000 hours. The electronic supply unit includes active power factor compensation, rapid ignition control, and protection against fluorescent tube removal during operation. The lighting device is fixed to the machine by means of techno-polymer stops fitted in the lower guides on the side of the aluminium body; 4 stops are included in the standard delivery. All lighting devices are supplied with 840-grade fluorescent tubes. Operating temperature max. 50°C.

Code	Power	Color Temperature	Lumen	Light Intensity at 50 cm	Supply	Dimension	Protection	Body	IP Protection	IK Protection	Class	Cable	Fixing
LONG													
PS2039X2-230	2 T5 FLUORESCENT TUBES	4000 K	7000 lm	3500 Lux	39W G5	920 x 130 x 29H mm	TEMPERED GLASS	ALUMINIUM EXTRUDE	IP67	IK08	I	NONE	HOOKS
MEDIUM													
PS2024X2-230	2 T5 FLUORESCENT TUBES	4000 K	3800 lm	2000 Lux	24W G5	620 x 130 x 29H mm	TEMPERED GLASS	ALUMINIUM EXTRUDE	IP67	IK08	I	NONE	HOOKS

Code	Power	Supply	Color Temperature	Lumen	Light Intensity at 50 cm	Dimension	Protection	Body	IP Protection	Class	Fixing
PSLED40W-24VCC	40 W	22-36 V	5200 K	4900 lm	8000 Lux	31 x 320 x 94H mm	TEMPERED GLASS	EXTRUDED ALUMINIUM	IP69	III	PLASTIC JOINTS
PSLED40W-24VCC-45R	40 W	22-36 V	5200 K	4900 lm	8000 Lux	31 x 320 x 94H mm	TEMPERED GLASS	EXTRUDED ALUMINIUM	IP69	III	PLASTIC JOINTS

The PSLED is particularly intended for illuminating working areas where there are continous pressurized jets of cooling fluids. The IP69 protection of the product made it suitable for the most extreme industrial applications. The lamp body is made of an extruded aluminium profile and a tempered glass is positioned on top of the product in order to protect the light source. Robotically-applied silicone seals provide an excellent resistance to fluids. The optical system is made of special aspherical plastic optics which can be adjusted to the needs; they are available standard (emitting a vertical flux of light) or at 45 degree thus producing a light beam inclined of 45 degrees. The asymmetric design of optical elements is particularly suitable for mounting on the side wall of CNC machines. The product is gauranteed a lifetitime of over 50.000 hrs.