

S020 LED tube luminaire



DESCRIPTION:

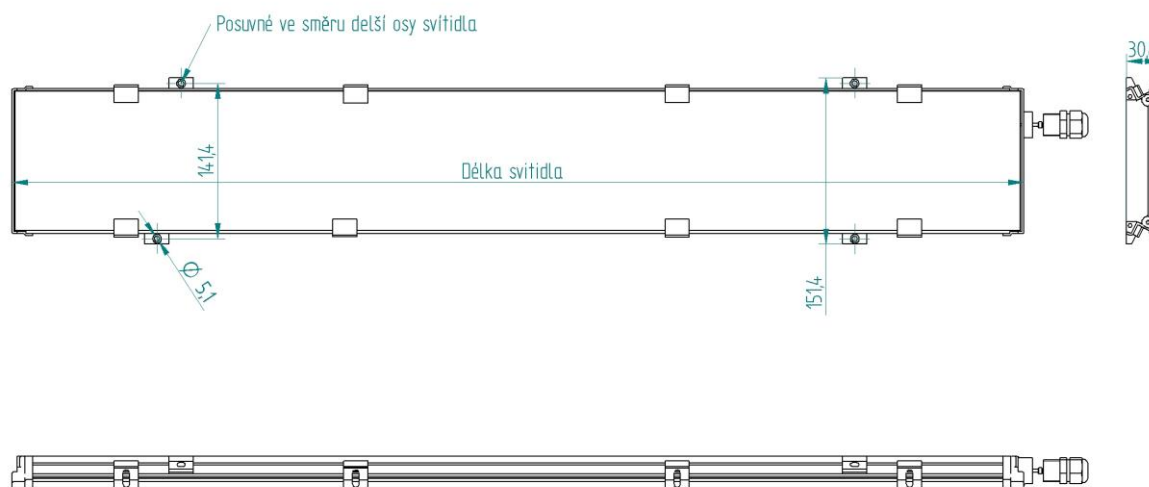
These luminaires are especially suitable for even lighting of larger areas. The S020 LED luminaires follow the proven S020 series luminaires, but are equipped with highly efficient LED tubes. Their consumption dropped to 1/3 at the same luminous flux, the lifespan was extended to 50,000 hours and the price remains the same. The luminaires of the S020 LED series consist of an extruded aluminum profile with plastic fronts, in which two T5 LED tubes are located.

The profile is sealed with a polyurethane seal that withstands all known lubricating and cutting fluids. The front of the luminaire is covered with 4 mm thick tempered glass with exceptional resistance to breakage. Both side faces of the luminaire are equipped with threads for the M20x1.5 gland, so it is possible to choose the mounting of the gland on the left (L), on the right (R), or for the through the supply (LR). The connection terminal is hidden under the gland.

Luminaire S020 LED	Consumption (W)	Luminous flux (lm)	Length (mm)
S020 LED 18W	18	3150	635
S020 LED 23W	23	4200	935
S020 LED 48 W	48	8600	1235
S020 LED 60 W	60	10400	1535

TECHNICAL PARAMETERS:

- Supply voltage 230V AC +-20%
- Light source LED tubes T5, standard 6000K
- LED tube lifetime 50 000 h
- Ingress protection IP67
- Ambient operating temperature -20 to +50°C



ADVANTAGES:

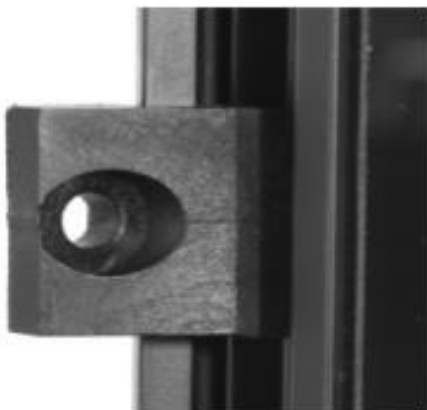
- The aluminum profile allows excellent heat dissipation, thus preventing a reduction in life and efficiency
- Low luminaire height of only 31 mm
- Connecting the luminaire to the power supply without disassembling the luminaire and breaking its tightness
- Flat glass has about 20 times higher resistance to breakage compared to the glass tube
- High specific power of the light source 175 lumens/W

LUMINAIRE CONNECTION:



One face of the luminaire (or both faces in the case of the through power supply) is fitted with an M20x1.5 gland. The connection terminal is accessible after unscrewing the gland, sealed with an "O" ring. This makes connecting the luminaire to the power supply very quick and easy and does not require disassembly of the luminaire's sealing elements.

LUMINAIRE INSTALLATION:



The luminaire is attached to the machine as standard with plastic clips inserted into the notch on the bottom of the luminaire. The clamps have a hole with a diameter of 5.1 mm and after mounting on the luminaire, the spacing of these holes is 142.5 mm. In the standard version, 4 pieces of these clips are included as part of the delivery.



On request, the luminaire can be equipped with two articulated joint fixtures with the possibility of rotation in the range of +10 -60 degrees.

INSTALLATION RECOMMENDATIONS:

- 1) Mount the luminaire so that the cable gland is located at the lowest point.
- 2) The passage of the supply cable through the panel on which the luminaire is mounted should be lower than the gland of the luminaire.
- 3) If you use a cable with a metal braid, terminate the braid in front of the gland, apply a shrink tube over the end of the braid and insert only the center of the cable with the shrink tube into the gland. The metal braid would spill water into the luminaire despite the very well-tightened gland.



Gland position right (R)



Gland position left (L)

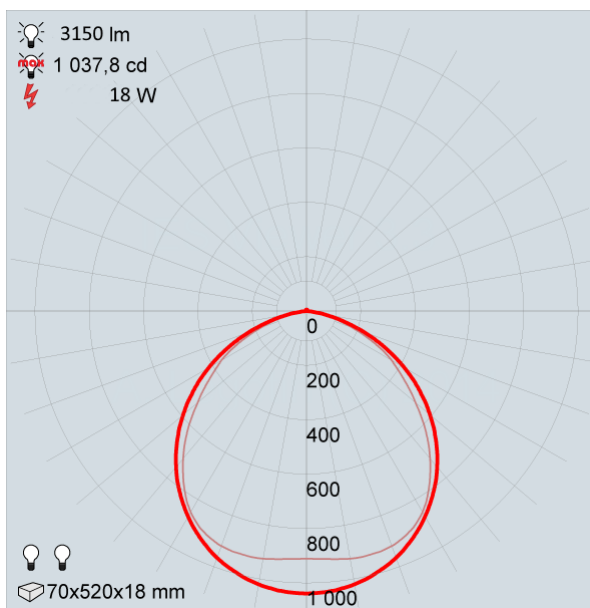


Gland position on both sides (RL) with continuous power supply

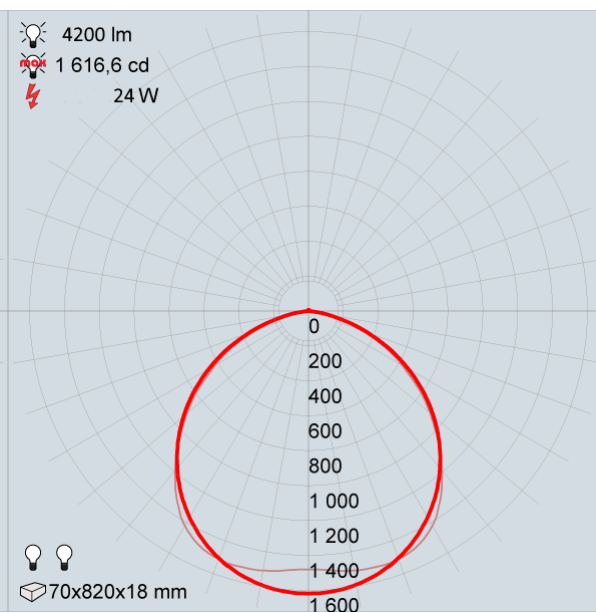
Order Code	Length	LED Tube	Luminous flux	Luminaire mounting	Outlet
S020 LED 18W/R	635 mm	2x TL5LED 9W	3150 lm	Plastic clips	Cable gland right
S020 LED 24W/R	935 mm	2x TL5LED 12W	4200 lm	Plastic clips	Cable gland right
S020 LED 36W/R	1235 mm	2x TL5LED 18 W	8600 lm	Plastic clips	Cable gland right
S020 LED 60W/R	1535 mm	2x TL5LED 30 W	10 400 lm	Plastic clips	Cable gland right
S020 LED 18W/L	635 mm	2x TL5LED 9W	3150 lm	Plastic clips	Cable gland left
S020 LED 24W/L	935 mm	2x TL5LED 12W	4200 lm	Plastic clips	Cable gland left
S020 LED 36W/L	1235 mm	2x TL5LED 18 W	8600 lm	Plastic clips	Cable gland left
S020 LED 60W/L	1535 mm	2x TL5LED 30 W	10 400 lm	Plastic clips	Cable gland left
S020 LED 18W/LR	635 mm	2x TL5LED 9W	3150 lm	Plastic clips	Cable gland left and right
S020 LED 24W/LR	935 mm	2x TL5LED 12W	4200 lm	Plastic clips	Cable gland left and right
S020 LED 36W/LR	1235 mm	2x TL5LED 18 W	8600 lm	Plastic clips	Cable gland left and right
S020 LED 60W/LR	1535 mm	2x TL5LED 30 W	10 400 lm	Plastic clips	Cable gland left and right
S020 LED 18W/R/J	635 mm	2x TL5LED 9W	3150 lm	Plastic joint	Cable gland right
S020 LED 24W/R/J	935 mm	2x TL5LED 12W	4200 lm	Plastic joint	Cable gland right
S020 LED 36W/R/J	1235 mm	2x TL5LED 18 W	8600 lm	Plastic joint	Cable gland right
S020 LED 60W/R/J	1535 mm	2x TL5LED 30 W	10 400 lm	Plastic joint	Cable gland right
S020 LED 18W/L/J	635 mm	2x TL5LED 9W	3150 lm	Plastic joint	Cable gland left
S020 LED 24W/L/J	935 mm	2x TL5LED 12W	4200 lm	Plastic joint	Cable gland left
S020 LED 36W/L/J	1235 mm	2x TL5LED 18 W	8600 lm	Plastic joint	Cable gland left
S020 LED 60W/L/J	1535 mm	2x TL5LED 30 W	10 400 lm	Plastic joint	Cable gland left
S020 LED 18W/LR/J	635 mm	2x TL5LED 9W	3150 lm	Plastic joint	Cable gland left and right
S020 LED 24W/LR/J	935 mm	2x TL5LED 12W	4200 lm	Plastic joint	Cable gland left and right
S020 LED 36W/LR/J	1235 mm	2x TL5LED 18 W	8600 lm	Plastic joint	Cable gland left and right
S020 LED 60W/LR/J	1535 mm	2x TL5LED 30 W	10 400 lm	Plastic joint	Cable gland left and right

LUMINOSITY CURVES:

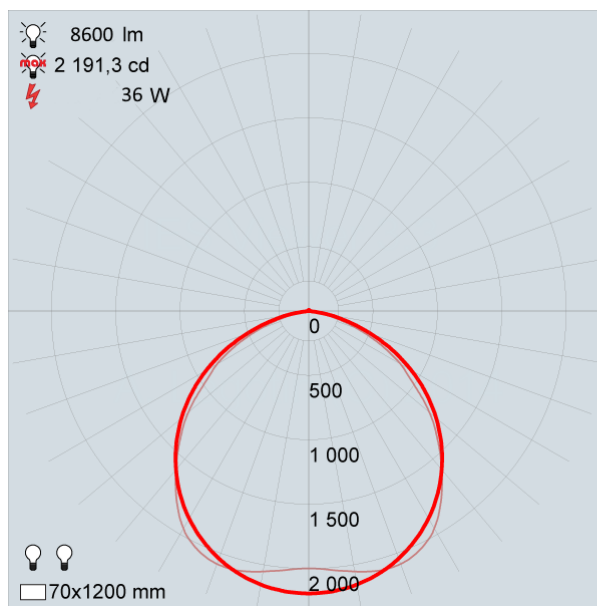
S020 LED 18W



S024 LED 23W



S020 LED 48W



S020 LED 60W

