

# liteServer® Rough.micro



## Datasheet.

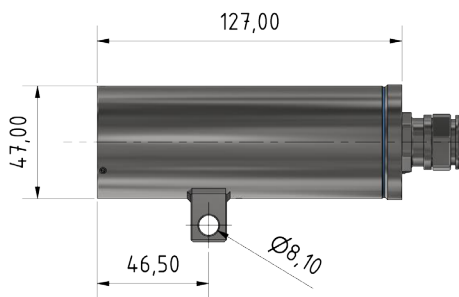
Ultracompact LED Luminaire for Process illumination and Sight Glass Applications.

### Features.

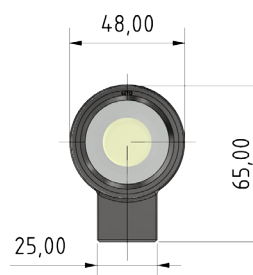
- ✓ Extremely Robust
- ✓ Protection Level IP66/68
- ✓ Efficient Long-Life LED-Technology
- ✓ Available in **White-** and **Infrared-Light** Versions
- ✓ Ultracompact **Stainless Steel** Housing
- ✓ Integrated **EMC-Filter** (acc. EN55015 and FCC part 15)

### Dimensions.

T21-VA0.1 .K1.BOR Side View

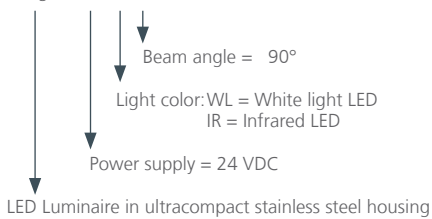


Front View



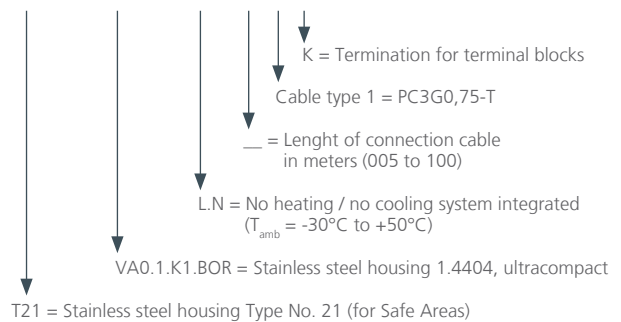
### Product.

Rough.micro.24.XX.<sup>90</sup>



### Model.

T21 - VA0.1.K1.BOR- L.N- XXX.X- K



**Challenging. Legends.**

## Data.

IP66

### Mechanical characteristics

Housing material: Stainless steel (AISI 316L/1.4404)  
 Protection level: IP 66/68 (IEC / EN 60529)  
 Weight: 1.4 kg

IP68

-30°C

### Temperature range

-30°C to +50°C

+50°C

### Connection cable

Outer diameter: 6,8 mm  
 Min. bending radius: 15 x outer diameter at installation; 4 x outer diameter after installation  
 Temp. range at point of installation: -35°C to +120°C  
 Temp. range fix installed: -55°C to +125°C  
 Other characteristics: Halogen free, UV resistant and flame retardant (EN60332-3)

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## Illuminant

...Rough.micro.24...	...WL...	...IR...
LED type	High power 12.5W COB-LED	High power 12W IR SMD-LED
Luminous flux	1930lm	4120mW
Beam angle	90°	90°
Color temperature	5000K (cold white)	
Infrared centroid wavelength		850nm
Power supply	24 VDC	24 VDC
Power consumption max.	12.9W@24VDC	13.7 W@24VDC
Protection switch-mode power supply	Short circuit protection (40V <sub>max.</sub> ) Over temperature protection (+145°C) EMC filter (EN55015/FCC part15)	Short circuit protection (46V <sub>max.</sub> ) Over temperature protection (+145°C) EMC filter (EN55015/FCC part15)

