



An LED tube with its integrated driver ideal for applications such as commercial building, warehouse and industrial. It will allow you to make considerable savings both in energy consumption and maintenance costs. It replaces one for one all T8 fluorescent 36 watt plus ballast and fluorescent T12 40 watt plus ballast.

	<b>20W</b>
<b>Product code</b>	<b>TL4ALN-20W-OO-V</b>
<b>Designation</b>	Waterproof LED tube 1,200 mm 20 watts with END-CAP ROTATABLE = possibility of orientation of the tube
<b>Luminaire structure</b>	Robust molded plastic with polycarbonate lens and polymer cable gland
<b>Fixation and connectors</b>	Eyelet and INOX fixation with 2 connectors of 30cm male/female SQC-IP67
<b>Current flow</b>	Built-in bypass
<b>Dimensions</b>	Length of 1,200 mm
<b>Washable</b>	Yes at 1500 psi / 100 bar at 1 meter
<b>LED diode brand</b>	Samsung
<b>Consumption</b>	20W
<b>Light power</b>	3 200 lm / 2 800 lm
<b>Luminous efficiency</b>	160 lm/W diode output / 140 lm/W optical output
<b>Variation</b>	No
<b>Color T°</b>	3000K
<b>Color rendering index</b>	≥83
<b>Optical</b>	Clear
<b>Angle of diffusion</b>	220°
<b>% flicker of non-visible light</b>	4%
<b>Glare rate-Standard 12464-1</b>	≤ 23 (Cloakroom, technical room, shop)
<b>IP water protection index</b>	IP 67
<b>IK impact protection class</b>	IK 08
<b>Power factor</b>	0.95
<b>Total harmonic distortion (THD)</b>	<15%
<b>Permissible ambient T°</b>	-20°c / +40°c
<b>Supply voltage / Frequency</b>	175-285 Vac / 50/60Hz
<b>Lifetime / Warranty</b>	≥80 000h / 5 years
<b>Certifications</b>	