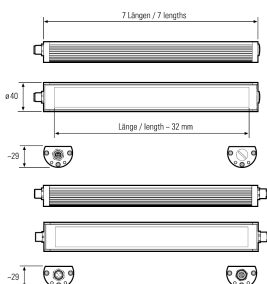
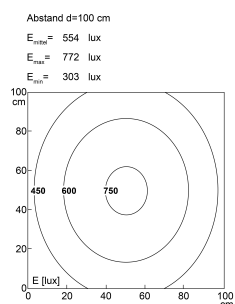


## LED surface-mounted luminaire for machines



<b>Product-Nr.</b>	118310-02
<b>EAN:</b>	4260556622743
<b>Model:</b>	TUBELED_40 II ECO
<b>Order number:</b>	118310-02
<b>Model:</b>	TUBELED_40 II ECO
<b>Type:</b>	LED surface-mounted luminaire for machines
<b>Illuminant:</b>	SMD LED
<b>Power consumption:</b>	~13 W
<b>Lamp luminous flux:</b>	2250 lm
<b>Lamp luminous efficiency:</b>	~173 lm/W
<b>Light distribution:</b>	Light Forming Technology
<b>Light colour:</b>	5700K 3-step MacAdam
<b>Colour rendering (Ra):</b>	>85
<b>Supply voltage:</b>	24V DC $\pm$ 10%
<b>Connection (connector):</b>	M12 A-coded
<b>Degree of protection:</b>	IP67/IP69K
<b>Class of protection:</b>	III
<b>Glare control:</b>	diffused safety glass
<b>Beam angle (optics):</b>	100°
<b>Operating temperature:</b>	-30 °C - +70 °C (-22 °F - 158 °F)
<b>Storage temperature:</b>	-30 °C - +80 °C (-22 °F - 176 °F)
<b>Lamps lifetime:</b>	> 100,000 h (L80/B10)
<b>Vibration resistance:</b>	At 10 to 55 Hz (amplitude 0.35 mm (~0,01"))
<b>Shock resistance:</b>	Up to 50 g (~2 oz)
<b>Housing material:</b>	aluminium
<b>Cover material:</b>	tempered glass, 4 mm (0,16")
<b>Height [B] x Width [C]:</b>	29 mm x 40 mm (~1,14" x ~1,57")
<b>Length [A]:</b>	540 mm (~21,26")
<b>Weight (net):</b>	650 g (~23 oz)
<b>Gross weight:</b>	900 g (~32 oz)
<b>Risk group (DIN EN 62471):</b>	Free group
<b>Markings:</b>	CE, UKCA, ETL Listed (5003529), D mark
<b>Dimmable:</b>	Optional via accessories
<b>Mounting accessories:</b>	Optional
<b>Made in:</b>	Germany
<b>Feature:</b>	resistant to high temperatures