





Type designation	LR06865M-10 W	LR12865M-18 W	LR15865M-28 W	LR15840E-28 W LR15850E-28 W
Labelling of dimmable and not dimmable LED tubes				
Length	600mm	1200mm	1500mm	1500mm
Diameter	27 mm	27 mm	27 mm	27 mm
Socket	G13	G13	G13	G13
Weight	210g	360g	460g	460g
Service life in hours, max. approx.	50.000	50.000	50.000	50.000
Supply voltage ¹⁾	230V/50-60Hz	230V/50-60Hz	230V/50-60Hz	230V/50-60Hz
Current draw	0.04 A	0.08 A	0.12 A	0.12 A
Power consumption	10W	18W	28W	28W
Power factor	0.98	0.98	0.98	0.98
Ambient temperature max./ min.	+50°C/-30°C	+50°C/-30°C	+50°C/-30°C	+50°C/-30°C
Air humidity	10-90%	10-90%	10-90%	10-90%
Protection degree	IP 50 ²⁾	IP 50 ²⁾	IP 50 ²⁾	IP 50 ²⁾
Colour temp. K and luminous flux lm ± 5%				
Cool white 4000K				4200lm; 150lm/W
Daylight 5000K				4200lm; 150lm/W
Cool Daylight 6500K	1700lm; 170lm/W	3060lm; 170lm/W	4760lm; 170lm/W	
Preservation of luminous flux at the end of service life	0.80	0.80	0.80	0.80
Colour rendering index (CRI) R _a	>83	>83	>83	>83
Reflected beam angle	140° ³⁾	140° ³⁾	140° ³⁾	140° ³⁾
Cover 360° (plastic)	frosted	frosted	frosted	frosted
Shatter resistance	yes	yes	yes	yes
Rear	strong aluminium profile inside the 360° cover	strong aluminium profile inside the 360° cover	strong aluminium profile inside the 360° cover	strong aluminium profile inside the 360° cover
Photobiological class as per DIN EN 62471 (RG0 = no risk)	RG0	RG0	RG0	RG0
Energy efficiency class according to EU Directive 874/2012	A++	A++	A++	A++
Weighted energy consumption according to EU Directive 874/2012	10kWh/1000h	18kWh/1000h	28 kWh/1000h	28 kWh/1000h

¹⁾ Also suitable for emergency lighting with 130-220V DC.

²⁾ Applications in humid zones can also be implemented using a luminaire with suitable protection class.

³⁾ At the edge of the 140° beam angle, the brightness is still 50%. This value is reduced to 10% at 220°.

Operation in parallel with fluorescent tubes should be avoided since fluorescent tubes generate high voltage peaks.

LED tubes contain no mercury and after up to 50.000 operating hours, they are therefore not classified as hazardous waste but as recyclable electronic scrap. No UV or IR radiation.

Eltako LED tubes have been certified by KEMA-KEUR to EN and IEC regulations and therefore bear the test mark: 