

Up to 100 meters!



**STRACK**  
LIFT AUTOMATION

# MULTILED-SL

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Example: large concrete shaft with 10 m<sup>2</sup> floor space  
Before: fluorescent tubes (13W/m 20-60lx@2m)  
After: MULTiLED-SL (8W/m 125lx@2m)

## LED shaft lighting for lifts acc. EN 81-20



# MULTILED-SL

Shaft lightings for lifts were never so easy and good.

MULTILED shaft lighting provides an uniform, shadow-free illumination of the entire shaft. It is extremely economical in purchasing and consumption, is quickly mounted, requires virtually no space, is very small and lightweight for transporting, is completely waterproof with IP68 and can be delivered in one piece in lengths of 1 to 100 meters ready for 200-250V AC/DC.

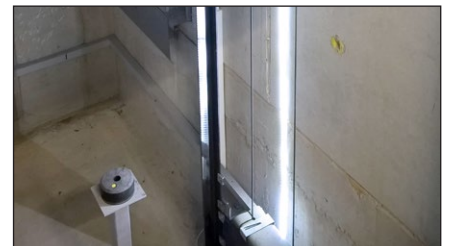
By default, the LEDs shine in daylight like white, which guarantees the best working conditions by real colour reproduction of all materials and documents in the shaft.



*delivered ready on reel*



*quickly fastened by means of plug-in dowels  
in the shaft head flexibly around the corner*



*evenly and bright also in the pit*

# Description

MULTILED-SL is very inexpensive, very quickly mounted, very small, totally waterproof and ready for connection. MULTILED-SL provides a EN 81-20 compliant, bright, shadow-free illumination of the shaft up to 10 m<sup>2</sup> floor space in concrete walls. At very large shafts a second lighting can be installed e.g. at the opposite shaft wall, at very high lifts more lightings can be installed one above the other.

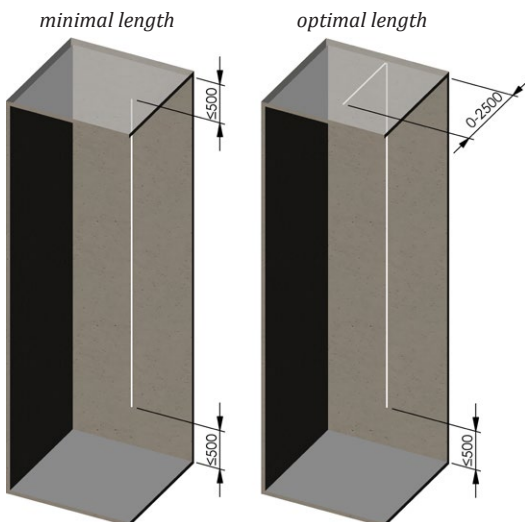
The default colour is daylight white, giving a real colour reproduction and a high contrast of all illuminated items in the shaft.

MULTILED-SL consists of flexible circuit boards, embedded in a transparent PVC sheath. The inner white moulding of printed circuit boards with side reflectors provides more light output than competitive products.

The special seals of all interchanges and the fully encapsulated control electronics integrated in the cable secure IP68. The MULTILED LED are connected 3 times parallel, thus not only very bright, but also durable. Would it nevertheless come to a PCB track or component failure, only one LED or maximum one meter of the lighting would be affected.

## Assembly

Drill a 6mm hole every 2m, knock-in the dowels, fasten the LED strip with the cable ties.



## New connection electronics

New electronics for more power with minimal warming. Thus, lengths of up to 100 meters are available now.



## Order data

Type	Description
	LED shaft light IP68, colour daylight white, EN81-1/-2/-20, for shaft cross section 10m <sup>2</sup> (concrete), incl. mounting material and <b>cable 10m</b> , delivery form: reel, ...
630-MULTILED-SL-K10-001m	... length 1m, for shaft height 0-2m
630-MULTILED-SL-K10-002m	... length 2m, for shaft height 0-3m
630-MULTILED-SL-K10-003m	... length 3m, for shaft height 1-4m
630-MULTILED-SL-K10-004m	... length 4m, for shaft height 2-5m
630-MULTILED-SL-K10-005m	... length 5m, for shaft height 3-6m
(...)	(... continue to 100m, see price list)
	Alternatively with <b>cable 30m</b> :
630-MULTILED-SL-K30-001m	... length 1m, for shaft height 0-2m
630-MULTILED-SL-K30-002m	... length 2m, for shaft height 0-3m
630-MULTILED-SL-K30-003m	... length 3m, for shaft height 1-4m
630-MULTILED-SL-K30-004m	... length 4m, for shaft height 2-5m
630-MULTILED-SL-K30-005m	... length 5m, for shaft height 3-6m
(...)	(... continue to 100m, see price list)
	Alternatively with <b>cable 90m</b> :
630-MULTILED-SL-K90-001m	... length 1m, for shaft height 0-2m
630-MULTILED-SL-K90-002m	... length 2m, for shaft height 0-3m
630-MULTILED-SL-K90-003m	... length 3m, for shaft height 1-4m
630-MULTILED-SL-K90-004m	... length 4m, for shaft height 2-5m
630-MULTILED-SL-K90-005m	... length 5m, for shaft height 3-6m
(...)	(... continue to 100m, see price list)

## Technical data

height of installation	m	2000 above mean see level
mounting position		randomly
ambient temperature	°C	operation/storage -25 to +55, transportation -25 to +70 (no icing and condensation)
ambient relative humidity	%	operation/storage/transportation 5 to 95
installation dimensions (incl. wall brackets)	mm	w x d: 22 x 16 (at the thickest points)
bending radius min.	mm	length 1 - 100 (manufactured in full meters)
weight	g	50 front-back / 300 left-right
material of the strip		PVC white and transparent
protection EN60529/EN61140		IP68 / protection class II (insulated)
luminous intensity	lx	280 @1m / 125 @2m (measure tol. ±3%)
quantity / type of LEDs		60 per meter / trichip
illumination colour		daylight white
modulation freq. of LEDs	Hz	2x operating voltage frequency (e.g. 100 Hz)
beam angle	°	120
lifetime of LEDs	h	>50,000
operating voltage	V	200-250 AC/DC (0-60 Hz)
power consumption	W	8 @230V per meter
connection cable		PVC, round d=6-7mm, fine-wire 2x 1 mm <sup>2</sup>
connection		2 wires, open end
required fuse protection		4A (B) or 6A (B)
reverse polarity protection		yes
dimnable		yes
conformity		EN 81-1/-2:1998+A3:2009, EN 81-20:2020