PRODUCT DATASHEET
LN MR SWITCH 600 P 11W ML 83040

LINEAR MR SWITCH | Mirror light with Multi Select function, manual switch and up to 130 lm/W



Areas of application

- Sanitary areas
- Bathrooms (IP44)
- Direct replacement for luminaires with indcandescent or fluorescent lamps

Product benefits

- Highly versatile due to selectable CCT and lumen steps (Multi Select) on the driver
- High color consistency with SDCM 3
- Tool-free electrical connection due to push button connector
- Toolless assembly of the luminaire

Product features

- Wall-mounted luminaire with direct light emission
- Manual on-/off switch on the metal housing
- Type of protection: IP44
- Impact resistance: IK03
- White painted metal housing (like RAL: 9003)
- Through-wiring possible
- Lifetime (L80/B10): up to 75,000 h (at 25 °C)
- Diffuser and end cap material: Polycarbonate (PC)
- Luminaire length: 560 mm
- Luminous efficacy: up to 130 lm/W

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TECHNICAL DATA

Electrical data

Nominal wattage	11 W / 8 W / 6 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	290…210…150 mA
Inrush current	12 A
Inrush current time T_{h50}	120 µs
Max. number of luminaires per miniature circuit breaker B16	52
Max. number of luminaires per miniature circuit breaker C10	39
Max. number of luminaires per miniature circuit breaker C16	62
Power factor λ	> 0.90
Maximum total harmonic distortion	< 30 %
Protection class	I
Operating mode	Integrated LED driver

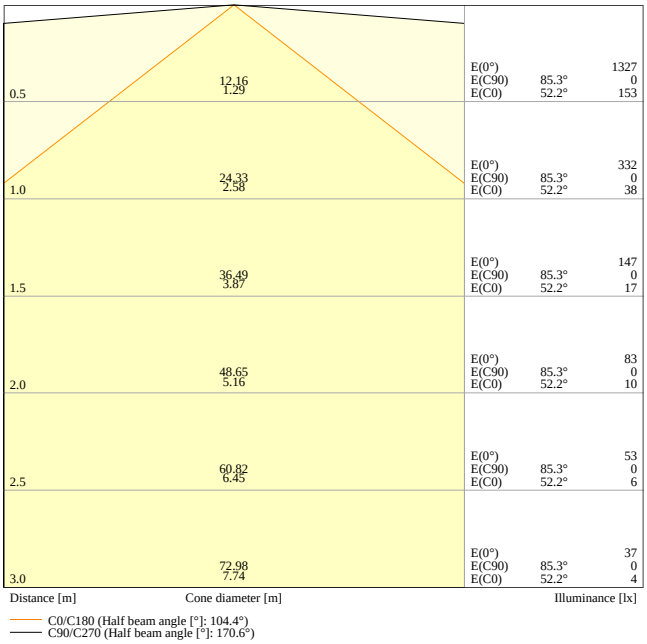
Photometrical data

Luminous flux	1430 lm / 1040 lm / 780 lm [1)]
Luminous efficacy	130 lm/W [2)]
Color temperature	3000 K / 4000 K
Light color (designation)	Warm White / Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	< 3 sdcm
Low flicker	Yes
Flickering metric (Pst LM)	< 1
Stroboscope effect metric (SVM)	< 0.4
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	120 °

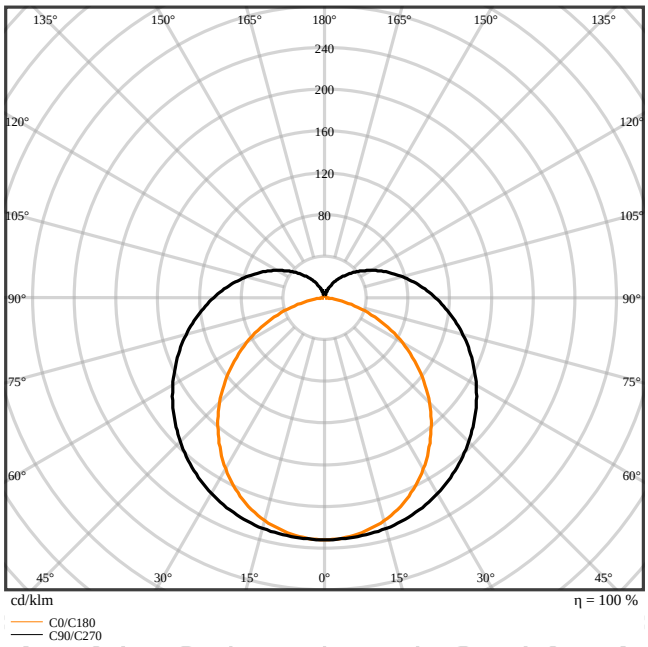
1) 1320 lm / 960 lm / 720 lm @3000K

2) 120 lm/W @ 3000K

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LN MR 600 Switch 4000K 1430lm



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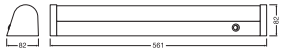
Adjustable attributes

Nominal wattage	Color temperature	Luminous flux	Luminous efficacy
11 W	4000 K	1430 lm	130 lm/W
11 W	3000 K	1320 lm	120 lm/W
8 W	4000 K	1040 lm	130 lm/W
8 W	3000 K	960 lm	120 lm/W
6 W	4000 K	780 lm	130 lm/W
6 W	3000 K	720 lm	120 lm/W

Dimensions & Weight

Length	561.00 mm
Width	82.00 mm
Height	82.00 mm
Product weight	800.00 g

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LINEAR MIRROR

Materials & Colors

Product color	White
Housing color	White
RAL Color (most similar)	RAL 9016
Body material	Aluminum
Cover material	Polycarbonate (PC)
Light emitting surface material	Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	750 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20…+45 °C
Temperature range at storage	-20…+80 °C
Type of connection	Screwless terminal, 3-POLE (L, N, PE)
Type of protection	IP44
Protection class IK (shock resistance)	IK03
Dimmable	No
Mounting type	Surface
Mounting location	Wall
Application environment	Indoor
Mechanically adjustable	No
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	100000 h [1)]
Lifespan L80/B10 at 25 °C	75000 h [1)]
Lifespan L80/B50 at 25 °C	75000 h
Lifespan L90/B10 at 25 °C	50000 h [1)]
Number of switching cycles	50000

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1) t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Control gear

Output current	290…210…150 mA
Output ripple current (100 Hz)	< 30 %

Certificates & Standards

Standards	CE / CB / ENEC / UKCA / EAC / EPD
Luminaire with limited surface temperature, "D sign"	Yes
Ball shot safe	No
EPD	LEDV-00044-V01.01-EN
Replaceable light source (EPREL)	Not replaceable

Additional product data

Added function	MULTI LUMEN / MULTI COLOR

Accessories Optional

Product image	Product name	EAN
	LN MR END CAPS CR	4058075849440

EQUIPMENT / ACCESSORIES

- Mounting screws and dowels included
- Chrome-plated end caps available separately for visual enhancement

Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- Product in protection class I. All electrically conductive, metallic housing parts that can absorb voltage during operation or during maintenance in the event of a fault must be continuously connected to the protective earthing conductor.

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	LINEAR MIRROR
PDF	Addon technical information	LN MR 600

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	Documents and certificates	Document name
PDF	Legal information	Safety Insert G11205497
PDF	Legal information	Informationstext 18 Abs 4 ElektroG
PDF	Legal information	LN MR SENSOR_SWITCH
PDF	Declarations of conformity	LN MR
PDF	Declarations of conformity UKCA	LN MR
PDF	Certificates	ENEC LN MR
PDF	EPD	EPD EN LINEAR MR

	Photometric and lighting design files	Document name
IES	IES file (IES)	LN MR 600 Switch 4000K 1430lm
LDT	LDT file (Eulumdat)	LN MR 600 Switch 4000K 1430lm
ULD	ULD file (DIALux)	LN MR SWITCH 600 P 11W MS 840
ROLF	ROLF file (RELUX)	LN MR SWITCH 600 P 11W MS 840
	UGR file (UGR table)	LN MR 600 Switch 4000K 1430lm
	Light distribution curve type cone	LN MR 600 Switch 4000K 1430lm
	Light distribution curve type polar	LN MR 600 Switch 4000K 1430lm

	CAD/BIM files	Document name
RFA	BIM Revit 3D	Linear Mirror
STEP	CAD STEP 3D	LN MR SWITCH

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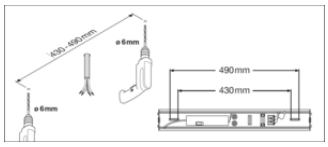
	Tender texts	Document name
	Tender documents	LINEAR MR SWITCH SWITCH 600 P 11W MS 840-en

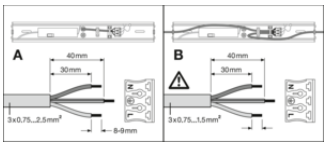
LOGISTICAL DATA

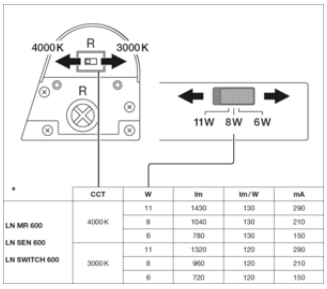
Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854401831	Folding box 1	92 mm x 577 mm x 92 mm	880.00 g	4.88 dm^3
4099854401848	Shipping box 6	602 mm x 202 mm x 309 mm	5870.00 g	37.58 dm^3

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

ADDITIONAL CATALOG INFORMATION







References / Links

– For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

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