PRODUCT DATASHEET
Flex Acoustic Black 2.6M H10 mm 830 Starter Set

Flex Acoustic Black | Black LED Strips designed for acoustic panels

Areas of application

– Designed to fit acoustic panels with slat heights (=mounting depth) of around 10 mm / 13 mm for seamless integration
– Suitable for acoustic panels with slat spacing ≥ 12.4 mm
– Also ideal for any dark surface - discreet and unobtrusive thanks to the black finish

Product benefits

– Stylish lighting solution for acoustic panels with exceptionally uniform light distribution
– Matte black finish makes it nearly invisible in black felt acoustic panels when switched off
– Easy, tool-free installation with 3M adhesive backing

Product features

– Warm white, cuttable LED strip with black silicone sleeve and matte black light-emitting surface
– Starter Set: powerful power supply (supports up to 3 LED strips) and RF remote for convenient ON/OFF and dimming included
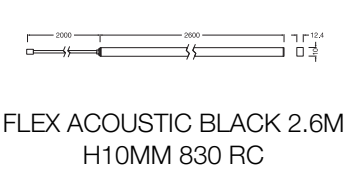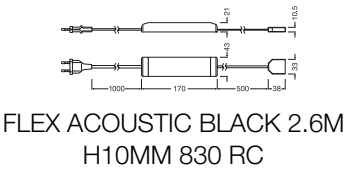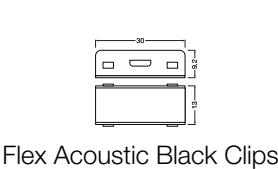
TECHNICAL DATA

Electrical data

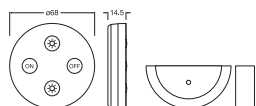|	
Nominal wattage	29.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	1000 mA
Inrush current	0.0298 A
Max. number of luminaires per miniature circuit breaker B16	55
Max. number of luminaires per miniature circuit breaker C10	46
Max. number of luminaires per miniature circuit breaker C16	74
Power factor λ	> 0.80
Protection class	II
Operating mode	Mains voltage

Photometrical data

Luminous flux	208 lm
Total luminous flux of contained light sources	1000 lm
Luminous efficacy	7 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	> 80
Standard deviation of color matching	≤6 sdcm
Flickering metric (Pst LM)	≦1
Stroboscope effect metric (SVM)	≦0.4
Photobiological safety group acc. to EN62778	RG0
Beam angle	120 °

Dimensions & Weight

Length	2600.00 mm
Width	12.40 mm
Height	10.00 mm
Product weight	660.00 g

Flex Acoustic Black Clips

FLEX ACOUSTIC BLACK 2.6M
H10MM 830 RC

FLEX ACOUSTIC BLACK 2.6M
H10MM 830 RC

FLEX ACOUSTIC BLACK 2.6M
H10MM 830 RC

Materials & Colors

Product color	Matt black
Housing color	Matt black
Body material	Silicone
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20…+40 °C
Temperature range at storage	-20…+80 °C
Type of connection	Plug type C (EU)
Type of protection	IP20
Dimmable	Yes
Mounting type	Surface
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	30000 h [1]
Lifespan L80/B10 at 25 °C	30000 h [1]
Lifespan L80/B50 at 25 °C	30000 h
Number of switching cycles	15000

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

Certificates & Standards

Standards	CE
Replaceable light source (EPREL)	Not replaceable

EQUIPMENT / ACCESSORIES

– Two metal clips for optional fastening the ends included
– Black silicone end cap for a clean finish after cutting included
– Batteries required for remote control: 2xAAA (not included)

Safety advice

– Do not connect the rope light to the supply while it is wound onto a reel. The string of lights may not be operated within the packaging. Do not

open the lightstrip.

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	User Instruction G11246243 FLEX ACOUSTIC BLACK
PDF	Legal information	Safety Insert G11265518_R
PDF	Legal information	Legal Insert G11233093 SMART WIFI MAT
PDF	Legal information	German Insert G11212367

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854677816	Folding box 1	62 mm x 262 mm x 275 mm	770.00 g	4.47 dm^3
4099854677823	Shipping box 6	390 mm x 285 mm x 305 mm	4.87 g	33.90 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.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.