

NEW

# SMARTLIGHTS LINEAR LIGHT LIGHT UP YOUR RAILING

[www.smartrailings.com](http://www.smartrailings.com)

## FOR MORE INFORMATION

Please call  
**949-346-3456** or email [sales@thesmartlightingcompany.com](mailto:sales@thesmartlightingcompany.com)

Ready to put your railings in the spotlight?  
This system offers everything you need to easily  
create a durable and long-lasting illuminated railing.



Smart-lights-  
Linear Illuminated  
handrails

## IT'S TIME TO LIGHTEN UP!

Create atmosphere and enhance safety  
with the **Smart-lights** LED linear light  
system. **Smart-lights** is designed to be  
added into your chosen railing system for  
the ultimate lighting effect!



Smart-lights Linear  
Light for **cap rails**



**FOR MORE INFORMATION**  
Please call  
**949-346-3456** or email  
**sales@**  
**thesmartlightingcom**  
**pany.com**

# Smart-lights Linear Light

For LED-lit handrails and cap rails in glass and baluster railings

- Continuous LED stream
- Special adapters for mounting LED cap rails on handrail brackets
- Handrail LED strips can be positioned in front of or behind the infill
- Pre-wired, with no visible cables
- Easy to install: Simply click the strips into place
- Warm/cool white light (24 V – IP20 for indoor and IP67 for outdoor)
- Transparent or frosted plastic covers
- Vandal-resistant
- UL certified

#### Linear Light for cap rails

- Position the LED strips in front of or behind the glass
- Transparent or frosted plastic covers

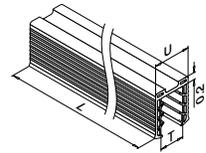
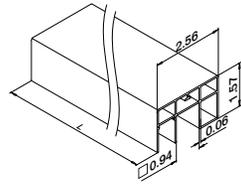
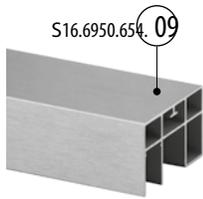
#### Linear Light for handrails

- Handrail brackets with cable duct
- Transparent or frosted plastic covers
- Special adapters for mounting on handrail brackets and tube adapters



**Smart Railings**

SMART-LIGHTS - Linear Light - Cap rails, rectangular



**SR 6950**

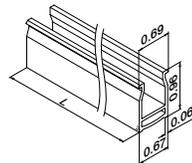
Aluminum	Stainless steel effect	
OUTDOOR		
S16.6950.654.09	2.56" x 1.57" (65 x 40mm)	L = 16.4' (5000 mm)



**SR 50**

	2.56" x 1.57" (65 x 40mm)	
Accessories		

	U	T (glass thickness)	
S19.5042.211.00	15/16"	1/2"-9/16" (12-13.52mm)	L = 8.2' (2500mm)
S19.5042.216.00	15/16"	5/8"-11/16" (16.76-17.52mm)	L = 8.2' (2500mm)
S19.5042.219.00	15/16"	3/4" (19mm)	L = 8.2' (2500mm)
S19.5042.011.00	15/16"	1/2"-9/16" (12-13.52mm)	L = 16.4' (5000mm)
S19.5042.016.00	15/16"	5/8"-11/16" (16.76-17.52mm)	L = 16.4' (5000mm)
S19.5042.019.00	15/16"	3/4" (19mm)	L = 16.4' (5000mm)



**SR 5091**

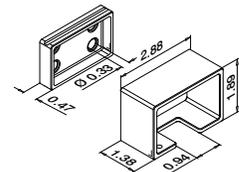
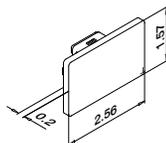
OUTDOOR	Transparency	
S24.5091.000.03	Clear	L = 8.4' (2500 mm)
S24.5091.000.06	Frosted	L = 8.4' (2500 mm)



SR 6950 is compatible with these connectors



SMART-LIGHTS - Linear Light - End fittings and wall flanges, rectangular



**SR 6732 - EASY HIT®**

Aluminum	Stainless steel effect	
OUTDOOR		
S16.6732.654.09	2.56" x 1.57" (65 x 40mm)	2



International Design Model Protection

**SR 6505**

Aluminum	Stainless steel effect	
OUTDOOR		
S16.6505.654.09	2.56" x 1.57" (65 x 40mm)	QS-55 19 / QS-120 19 2



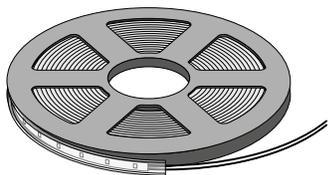
INFO SR 6950



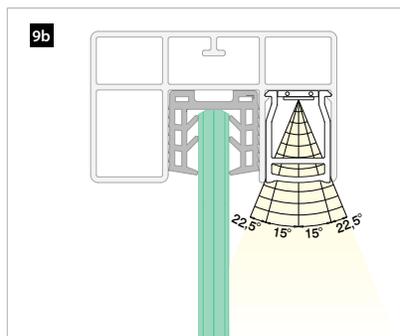
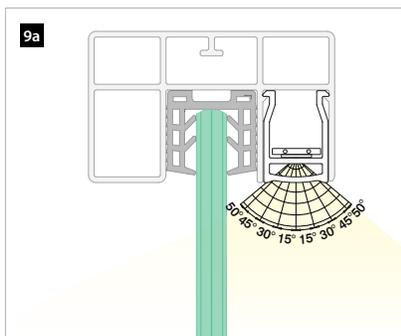
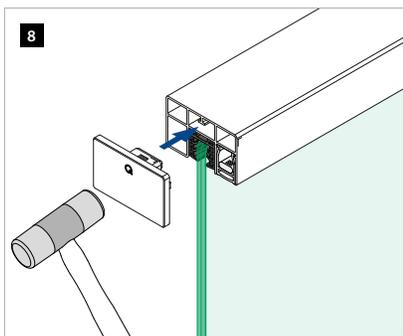
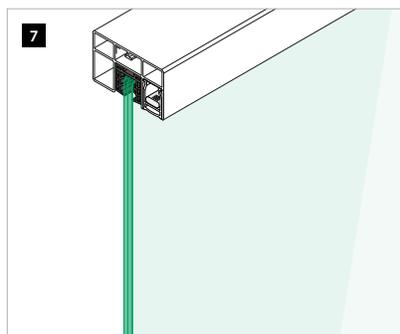
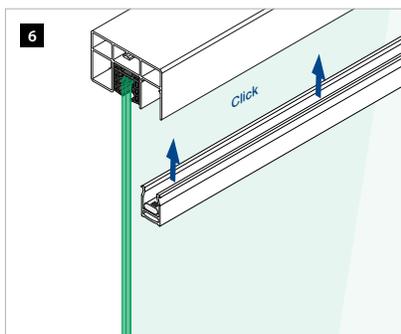
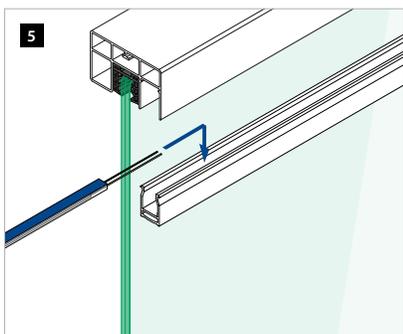
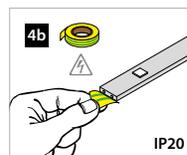
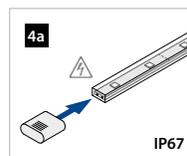
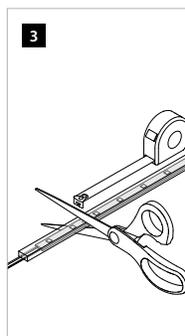
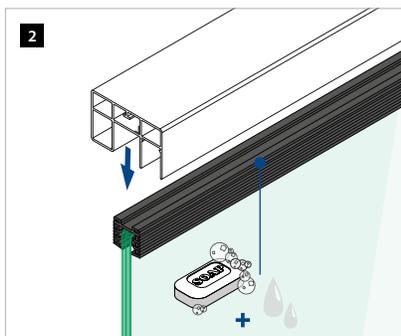
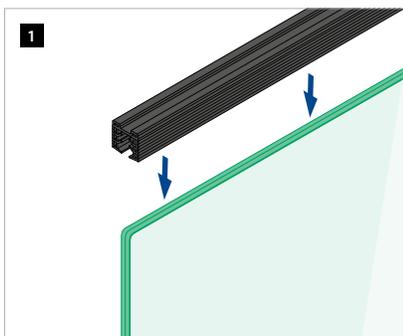
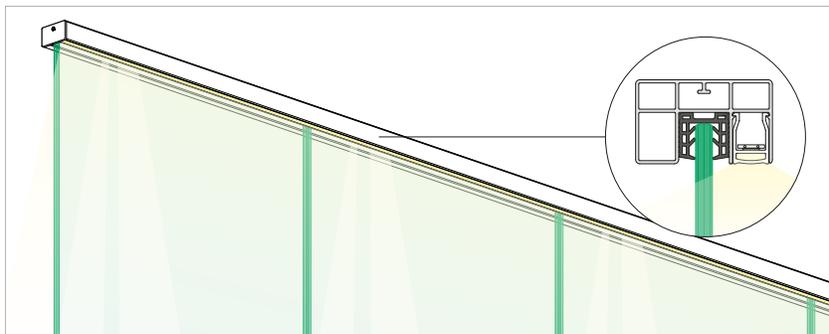
**Stainless steel effect**  
A perfect match to our stainless steel components.

INFO

41.006x.0xx.00

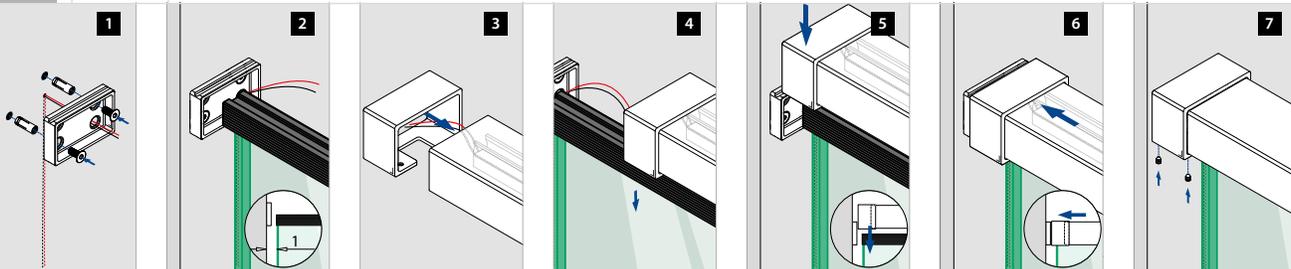


IP67



INFO

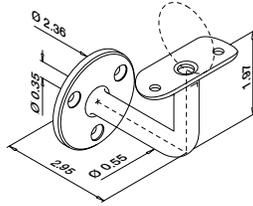
SR 6505



SMART-LIGHTS - Handrail brackets for wall mounting

Wall - tube

With cable duct



SR 0103

316

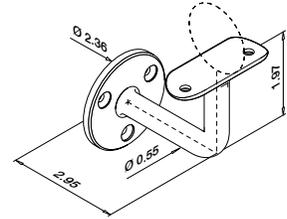
OUTDOOR

S14.0103.038.12	SR 0781	QS-6 19 / QS-203 19	2
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NEW



Wall - tube



SR 0100

304

INDOOR

S13.0100.038.12	SR 0781	S-5 19 / S-202 19	2
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316

OUTDOOR

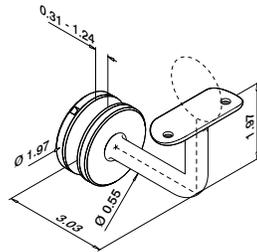
S14.0100.038.12	SR 0781	S-6 19 / S-203 19	2
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NEW



SMART-LIGHTS - Handrail brackets for glass mounting

Glass - tube



SR 0117

304

INDOOR

S13.0117.038.12	SR 0781	QS-202 19	2
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316

OUTDOOR

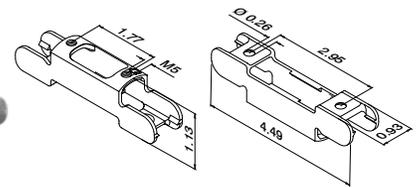
S14.0117.038.12	SR 0781	QS-203 19	2
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NEW



SMART-LIGHTS - Adapters for handrail brackets

For handrail bracket, straight



SR 0781

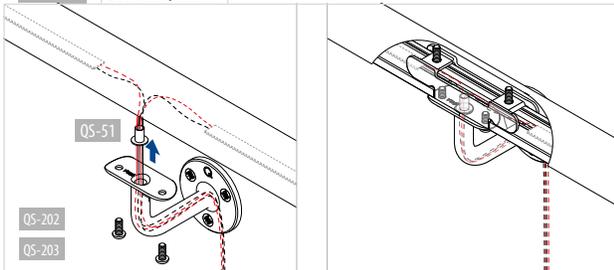
316

OUTDOOR

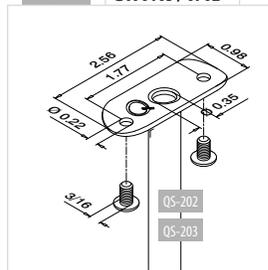
S14.0781.024.00	15/16"	QS-205 19	2
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NEW

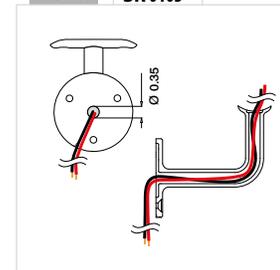
INFO SR 0103 / 0781



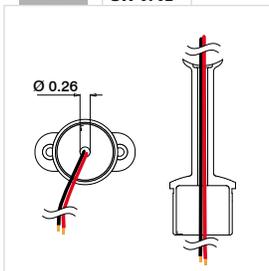
INFO SR 0103 / 0702



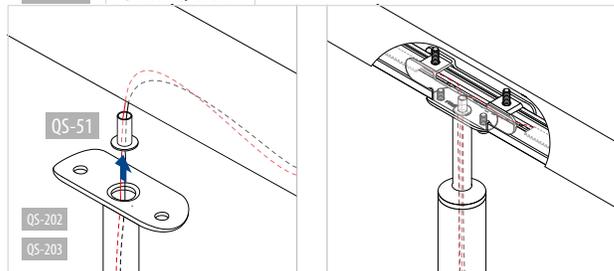
INFO SR 0103



INFO SR 0702



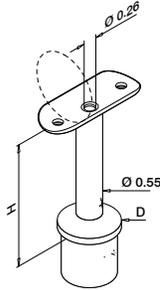
INFO SR 0702 / 0781



SMART-LIGHTS - Handrail brackets for post mounting

Tube - tube

With cable duct



SR 0702 - D = Ø 1-1/2" x 0.078 (38.1 x 2.0 mm)

316

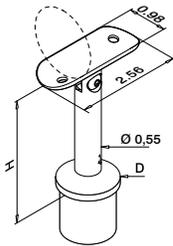
OUTDOOR

S14.0702.638.12	SR 0781	H	3-1/8"	QS-203	19	2
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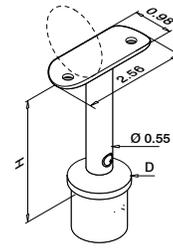
NEW



Tube - tube



Tube - tube



SR 0702 - D = Ø 1-1/2" x 0.078 (38.1 x 2.0 mm)

304

INDOOR

S13.0702.038.12	SR 0781	H	3-1/8"	QS-202	19	2
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316

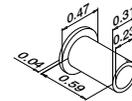
OUTDOOR

S14.0702.038.12	SR 0781	H	3-1/8"	QS-203	19	2
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Accessories

Fixing materials



Grommet for cable

SR 0842

Accessories

IN/OUTDOOR

QS

S93.0842.615.00	QS-51	50
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NEW

SR 0705 - D = Ø 1-1/2 x 0.078 (38.1 x 2.0 mm)

304

INDOOR

S13.0705.038.12	SR 0783	H	3-1/8"	QS-202	19	2
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316

OUTDOOR

S14.0705.038.12	SR 0783	H	3-1/8"	QS-203	19	2
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SR 0719 - D = 1.9" x 0.078 (48.3 x 2.0mm)

304

INDOOR

S13.0719.238.12	H	Ø	3-1/8"	1-1/2" (38.1mm)	QS-111	181	2
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S13.0719.242.12	H	Ø	3-1/8"	1.66" (42.4mm)	QS-111	181	2
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316

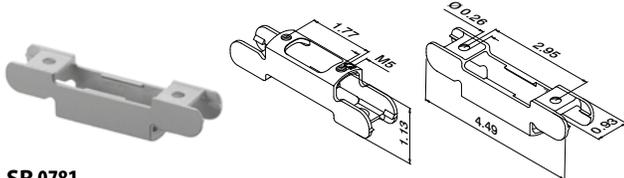
OUTDOOR

S14.0719.238.12	H	Ø	3-1/8"	1-1/2" (38.1mm)	QS-111	181	2
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S14.0719.242.12	H	Ø	3-1/8"	1.66" (42.4mm)	QS-111	181	2
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SMART-LIGHTS - Adapters for handrail brackets

For handrail bracket, straight



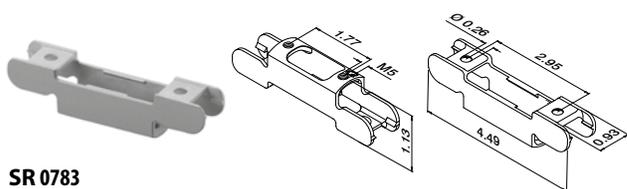
SR 0781

316

OUTDOOR

S14.0781.024.00	U	15/16"	QS-205	19	2
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For handrail bracket, adjustable



SR 0783

316

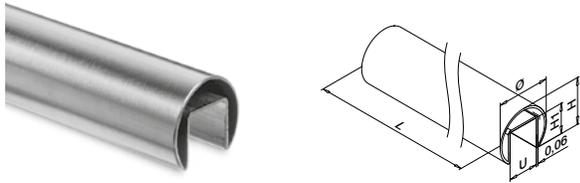
OUTDOOR

S14.0783.024.00	U	15/16"	QS-205	19	2
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Cap rails

SATIN

SMART-LIGHTS - Cap rails, round



SR 6920 / 6925 - Ø 1.66" x 0.06" (42.4 x 1.5mm)

304

INDOOR	Ø	U	H	H1	
S13.6925.042.12	1.66"	15/16"	1-15/32"	15/16"	L = 8.2' (2500mm)
S13.6920.042.12	1.66"	15/16"	1-15/32"	15/16"	L = 16.4' (5000mm)

316

OUTDOOR	Ø	U	H	H1	
S14.6920.042.12	1.66"	15/16"	1-15/32"	15/16"	L = 16.4' (5000mm)



Ø 1.9" (48.3mm)

304

INDOOR	Ø	U	H	H1	
S13.6925.048.12	1.9"	1-1/16"	1-2/3"	1-3/16"	L = 8.2' (2500mm)
S13.6920.048.12	1.9"	1-1/16"	1-2/3"	1-3/16"	L = 16.4' (5000mm)

316

OUTDOOR	Ø	U	H	H1	
S14.6920.048.12	1.9"	1-1/16"	1-2/3"	1-3/16"	L = 16.4' (5000mm)

Cap rails

SATIN

SMART-LIGHTS - Connectors, round



SR 6792 - EASY HIT®

304

Raw

INDOOR	Ø	
S13.6792.042.00	for 1.66" x 0.06" (42.4 x 1.5mm)	2

316

OUTDOOR	Ø	
S14.6792.042.00	for 1.66" x 0.06" (42.4 x 1.5mm)	2
S14.6792.048.00	for 1.9" x 0.06" (48.3 x 1.5mm)	2



Cap rails

SATIN

SMART-LIGHTS - Connectors, round



SR 6313

304

INDOOR	Ø	H	
S13.6313.042.12	1.66" x 0.06" (42.4 x 1.5mm)	1-3/16"	2

316

OUTDOOR	Ø	H	
S14.6313.042.12	1.66" x 0.06" (42.4 x 1.5mm)	1-3/16"	2



INFO



Smart-ultra-clean  
S19.0610.000.00

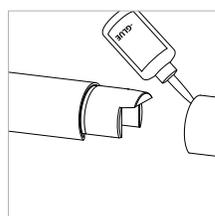
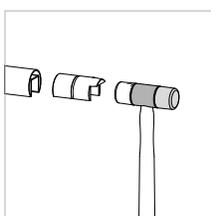
INFO



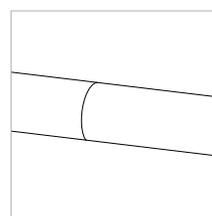
Smart-cleaner  
S19.0601.000.00

INFO

SR 6792



Smart-glue  
1.69 fl.oz.  
S19.1331.000.00



INFO



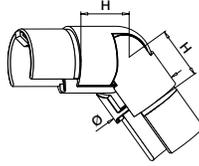
Cap rails

SATIN

SMART-LIGHTS - Connectors, adjustable



25–55°  
Downwards



SR 6302

304

INDOOR	Ø	H	
S13.6302.042.12	1.66" x 0.06" (42.4 x 1.5mm)	1-3/16"	2

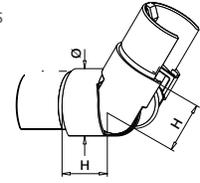
316

OUTDOOR	Ø	H	
S14.6302.042.12	1.66" x 0.06" (42.4 x 1.5mm)	1-3/16"	2
S14.6302.048.12	1.9" x 0.06"	1-3/16"	2

NEW



25–55°  
Upwards



SR 6312

304

INDOOR	Ø	H	
S13.6312.042.12	1.66" x 0.06" (42.4 x 1.5mm)	1-3/16"	2

316

OUTDOOR	Ø	H	
S14.6312.042.12	1.66" x 0.06" (42.4 x 1.5mm)	1-3/16"	2
S14.6312.048.12	1.9" x 0.06"	1-3/16"	2

NEW



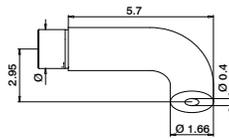
Cap rails

SATIN

SMART-LIGHTS - Wall return, round

Left / right

With cable duct



SR 6739

316

OUTDOOR	Ø	
S14.6739.042.12	1.66" x 0.06" (42.4 x 1.5mm)	2

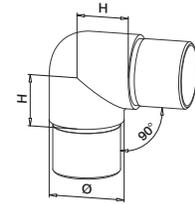
NEW



Handrails

SATIN

SMART-LIGHTS - Connectors for handrail tubes



SR 0303

304

INDOOR	Ø	H	
S13.0303.038.12	1-1/2" x 0.078" (38.1 x 2.0mm)	1-3/16"	2
S13.0303.050.12	2" x 0.078" (50.8 x 2.0mm)	1-3/8"	2

316

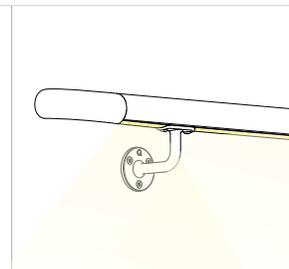
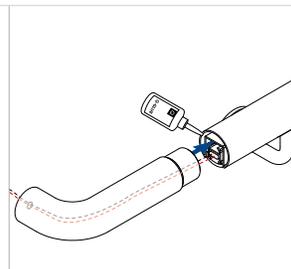
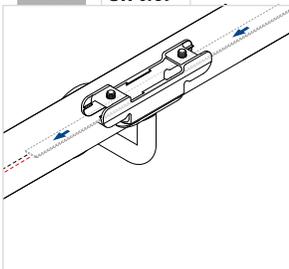
OUTDOOR	Ø	H	
S14.0303.038.12	1-1/2" x 0.078" (38.1 x 2.0mm)	1-3/16"	2
S14.0303.050.12	2" x 0.078" (50.8 x 2.0mm)	1-3/8"	2



Use in conjunction with MOD 0702, 0703 and 0711 (handrailing brackets)

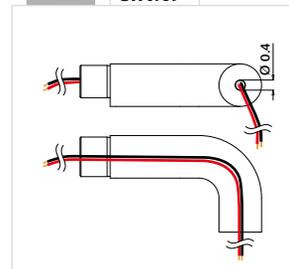
INFO

SR 6739

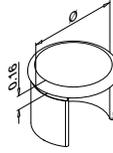


INFO

SR 6739



SMART-LIGHTS - End fittings, round



SR 6729

304

INDOOR

Ø



S13.6729.042.12 1.66" x 0.06" (42.4 x 1.5mm) 2

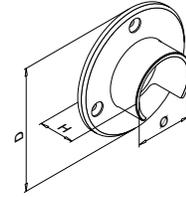
316

OUTDOOR

Ø



S14.6729.042.12 1.66" x 0.06" (42.4 x 1.5mm) 2



SR 6505

304

INDOOR

Ø

D

H



S13.6505.042.12 1.66" (42.4mm) 3-35/64" 1-3/16" QS 19 2

316

OUTDOOR

Ø

D

H

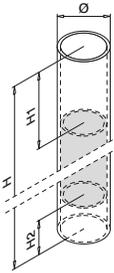


S14.6505.042.12 1.66" (42.4mm) 3-35/64" 1-3/16" QS 19 2



Baluster post tubes

Fascia mount



SR 0951 - DOUBLE WALL THICKNESS 0.156" !

304

INDOOR

Ø

H

H1

H2



S13.0951.438.12 1-1/2" x 0.156" (38.1 x 4.0mm) 49" 10.95" 1.57" 1

S13.0951.448.12 1.9" x 0.156" (48.3 x 4.0mm) 49" 2.5" 2.50" 1

S13.0951.450.12 2" x 0.156" (50.8 x 4.0mm) 49" 10.95" 1.57" 1

316

OUTDOOR

Ø

H

H1

H2

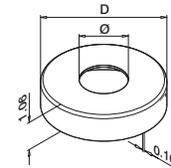


S14.0951.438.12 1-1/2" x 0.156" (38.1 x 4.0mm) 49" 10.95" 1.57" 1

S14.0951.448.12 1.9" x 0.156" (48.3 x 4.0mm) 49" 2.5" 2.50" 1

S14.0951.450.12 2" x 0.156" (50.8 x 4.0mm) 49" 10.95" 1.57" 1

Cover caps



SR 0511

316

OUTDOOR

Ø

D



S14.0511.038.12 1-1/2" (38.1mm) 4-5/16" 2

S14.0511.048.12 1.9" (48.3mm) 4-9/16" 2

SR 0513

316

OUTDOOR

Ø

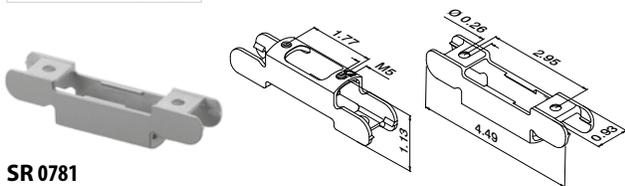
D



S14.0513.038.12 1-1/2" (38.1mm) Ø 5" 2



For handrail bracket, straight

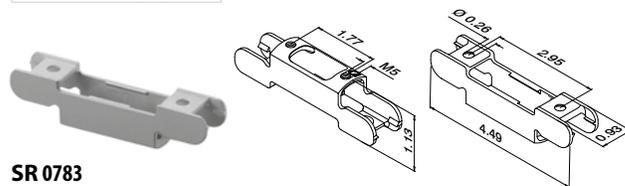


**SR 0781**

316	OUTDOOR	U		
S14.0781.024.00	15/16"	QS-205	19	2

NEW

For handrail bracket, adjustable



**SR 0783**

316	OUTDOOR	U		
S14.0783.024.00	15/16"	QS-205	19	2

NEW



**SR 0780**

316	OUTDOOR	U		
S14.0780.024.00	15/16"	QS-205	19	2

NEW



**SR 5090**

OUTDOOR		L = 8.2' (2500mm)
S24.5090.024.00		

NEW



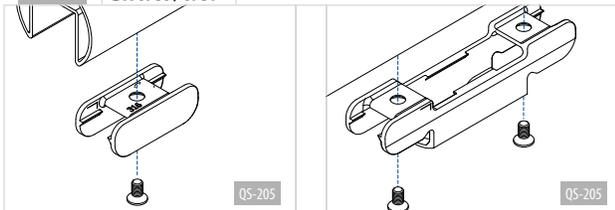
**SR 5090**

OUTDOOR	Transparency	
S24.5090.000.03	Clear	L = 8.2' (2500mm)
S24.5090.000.06	Frosted	L = 8.2' (2500mm)

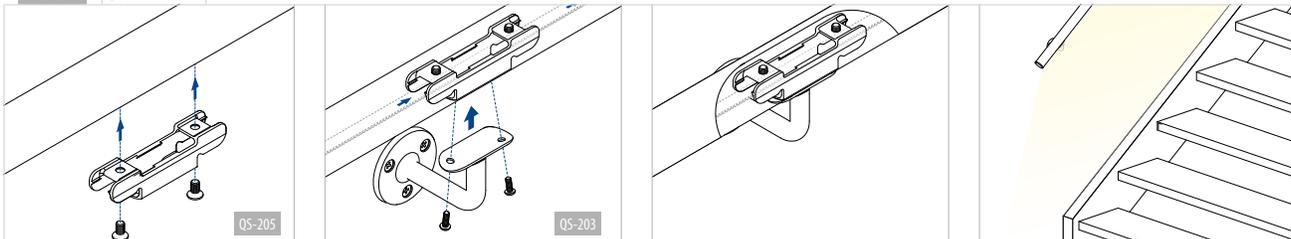
NEW

IK10

INFO SR 0780 / 0781

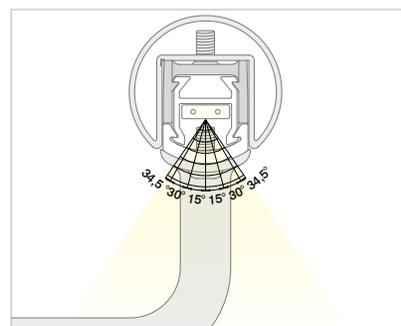
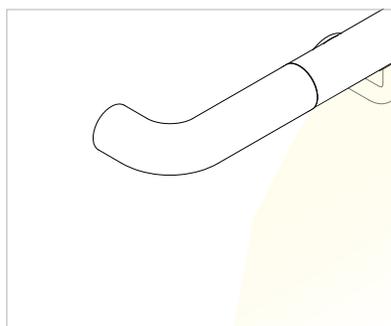
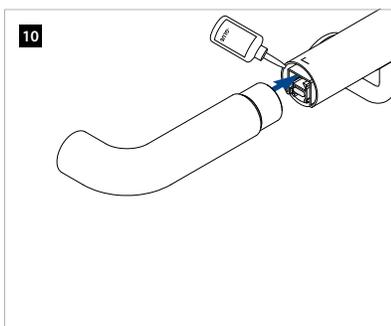
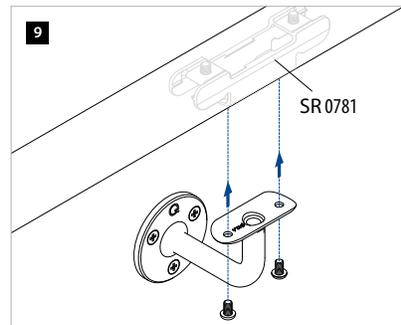
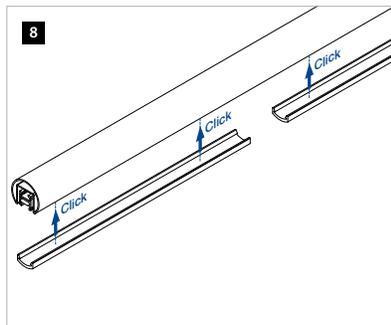
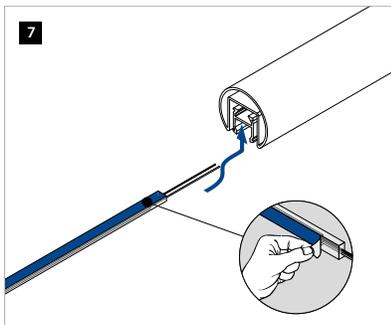
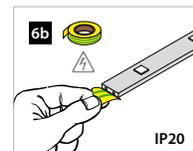
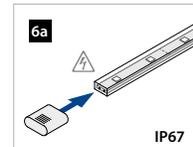
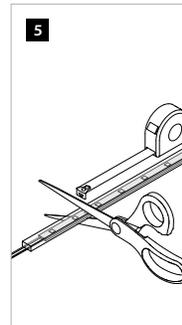
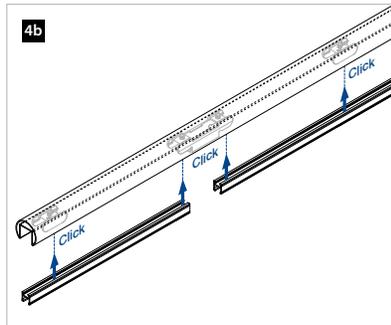
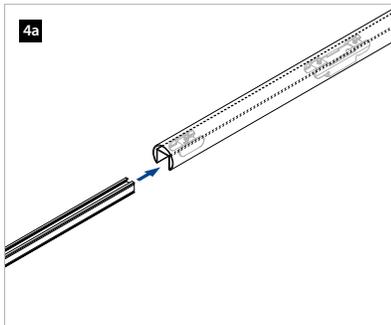
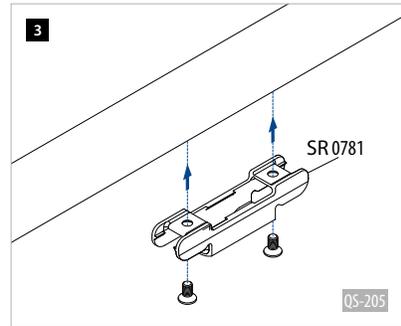
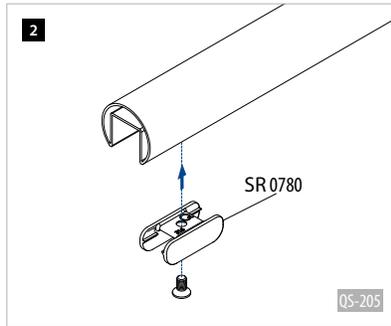
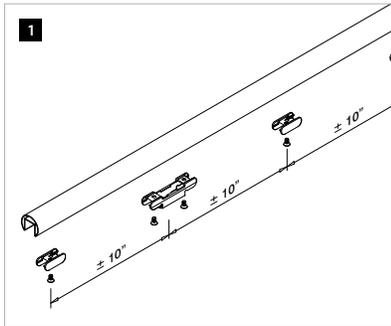
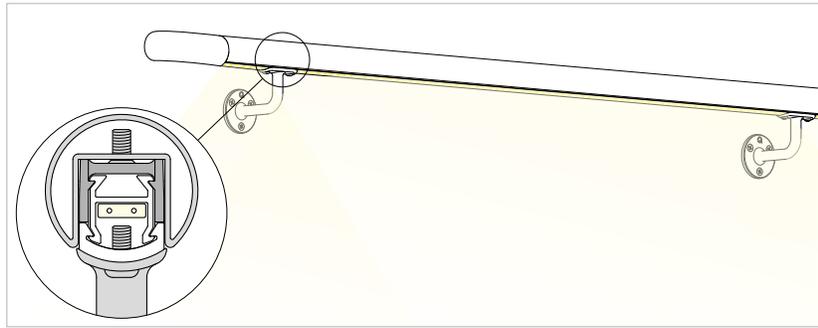
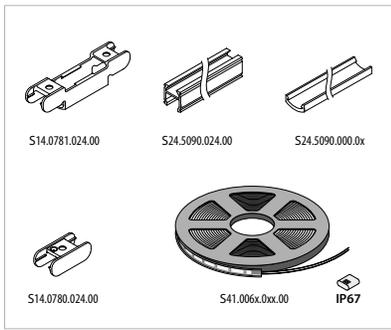


INFO SR 0781

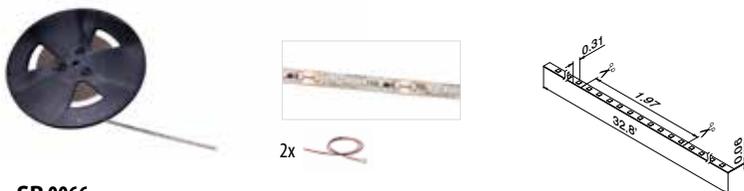


SMART-LIGHTS - Linear Light - Handrail - Assembly instruction

INFO



SMART-LIGHTS - Linear Light - LED strips - Indoor



SR 0066

		White			
INDOOR	K	W	Ø (ft.)		
S41.0066.027.00	2700	89	244	L = 32.8'	
S41.0066.040.00	4000	81	259	L = 32.8'	



SMART-LIGHTS - Linear Light - LED strips - Outdoor



SR 0067

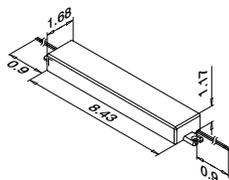
		White			
OUTDOOR	K	W	Ø (ft.)		
S41.0067.027.00	2700	80.1	350	L = 29.52'	
S41.0067.040.00	4000	80.1	366	L = 29.52'	



SMART-LIGHTS - Linear Light - Connection technology - Transformers

Transformer 24V

for Smart-lights Linear Light IP67, DIM, 120...  
277V~

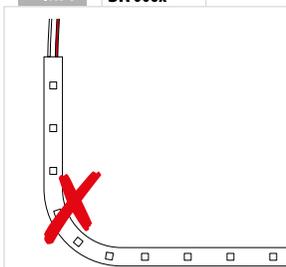


SR 0015

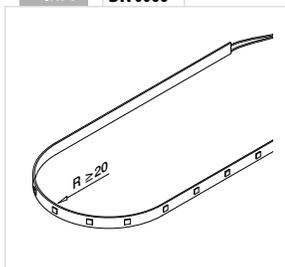
		P		
OUTDOOR				
S19.0015.096.00	96W		1	



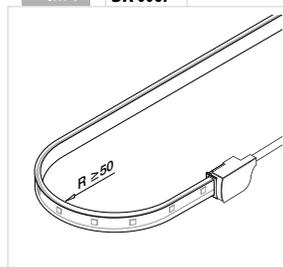
INFO SR 006x



INFO SR 0066



INFO SR 0067



INFO

# LED STRIP INFORMATION

- SR 0066 comes with two connection cables (19.0020.000.00).
- SR 0067 is prewired once. For additional connections, use a connection cable (page 16).
- Each strip can be cut with scissors, between the copper dots, to the required length.
- Cut LED strips can be connected using a connector (page 18).
- All models are suitable for connectors on Linear Light cap rails and Linear Light handrails (page 4-13).
- When connecting strips, the max. length from the start to end of the LED strip should not exceed its own original strip length!

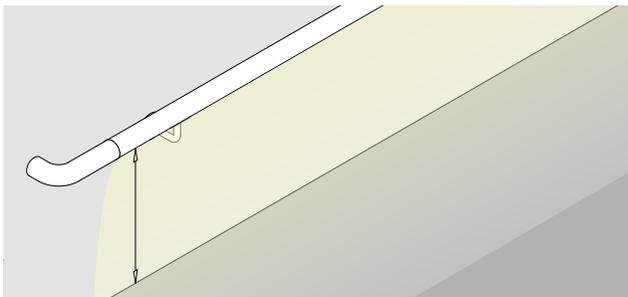
INFO

Specifications overview Smart-lights Linear Light LED strips

LED strips	IP	V	W	W/ft.	K	Color	lm	lm/ft.	Beam angle	LED/ft.	L (ft.)	L <sub>min</sub> (inch)	Dimmable	Life time
S41.0066.027.00	20	24	89	2.71	2700	warm white	8000	244	120	36.5	32.8	1.97	✓	60,000 h
S41.0066.040.00	20	24	81	2.47	4000	cool white	8500	259	120	36.5	32.8	1.97	✓	60,000 h
S41.0067.040.00	67	24	80.1	2.71	4000	cool white	10800	366	120	21.5	29.52	3.94	✓	50,000 h

<b>IP...</b>	Ingress Protection	<b>W/ft.</b>	Nominal wattage per foot	<b>lm</b>	Luminous flux	<b>LED/ft.</b>	Number of LEDs per foot
<b>V</b>	Nominal voltage	<b>K</b>	Color temperature	<b>lm/ft.</b>	Luminous flux per foot		Dimmable
<b>W</b>	Nominal wattage	<b>Color</b>	Light color		Beam angle		Life time

INFO



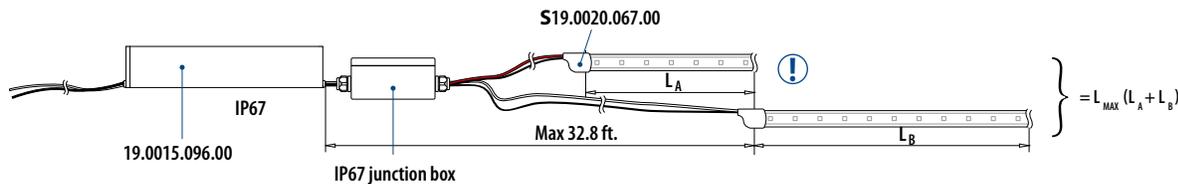
Luminous efficacy on floor/staircase

	Height (inch) from ffl (finished floor level)			
	38"	40"	42"	44"
S41.0066.027.00	230 lx	223 lx	190 lx	148 lx
S41.0066.040.00	260 lx	242 lx	198 lx	160 lx
S41.0067.040.00	280 lx	266 lx	220 lx	200 lx

**Lux (lx) explanation**  
 direct sunlight = 100.000 lx street lighting = 10 lx  
 overcast day, typical tv studio lighting = 1.000 lx candle, approx. 40" distant = 1 lx  
 hall lighting = 100 lx

Any lighting calculations shown should be taken as a guide only, as all site conditions/lighting codes are different. It is strongly recommended that you consult with a lighting consultant or electrical engineer to determine the exact requirements for your project.

INFO SR 0015

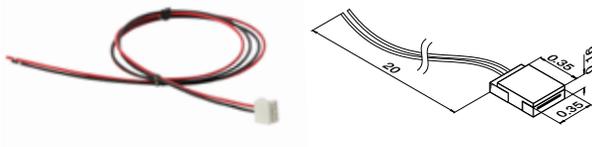


Transformer	Output	IP rate	K	Max. usable strip length per transformer (L <sub>MAX</sub> )
S19.0015.096.00 IP 67 – 96W	1x white	IP 20	2700	35.4 ft. (SR 0066)
	1x white	IP 20	4000	38.9 ft. (SR 0066)
	1x white	IP 67	4000	35.4 ft. (SR 0067)

! The complete length of a LED strip should not exceed its own original length! See page 19 for all combinations.

SMART-LIGHTS - Linear Light - Connection technology - LED strip to transformer

LED strip connection cable for SR 0066



SR 0020

<b>INDOOR</b>	<b>L</b>	
S19.0020.000.00	20	1



LED strip connection cable for SR 0067



SR 0020

<b>OUTDOOR</b>	<b>L</b>	
S19.0020.067.00	20	1



SMART-LIGHTS - Linear Light - Connection technology - Cable



Black cable

Halogen-free, 0.04", 288°F, for 12V and 24V, suitable for outdoor

SR 0011

<b>OUTDOOR</b>	
S19.0011.050.00	L = 328'



Red cable

Halogen-free, 0.04", 288°F, for 12V and 24V, suitable for outdoor

SR 0012

<b>OUTDOOR</b>	
S19.0012.050.00	L = 328'

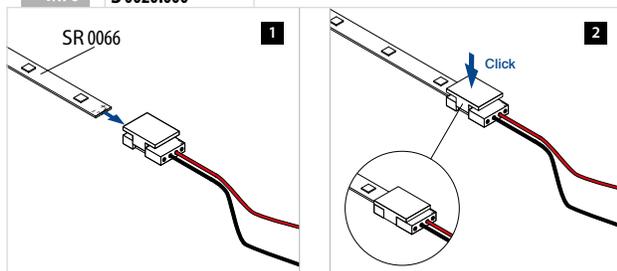


INFO

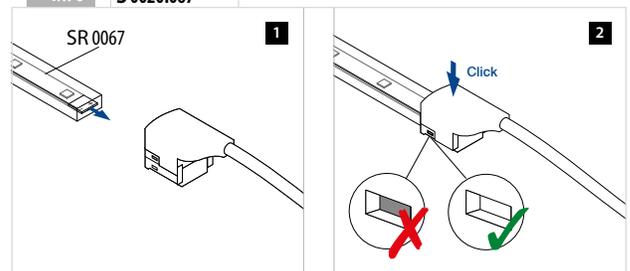
LED STRIP INFORMATION

- SR 0066 comes with two connection cables (S19.0020.000.00).
- SR 0067 is prewired once. For additional connections, use a connection cable.

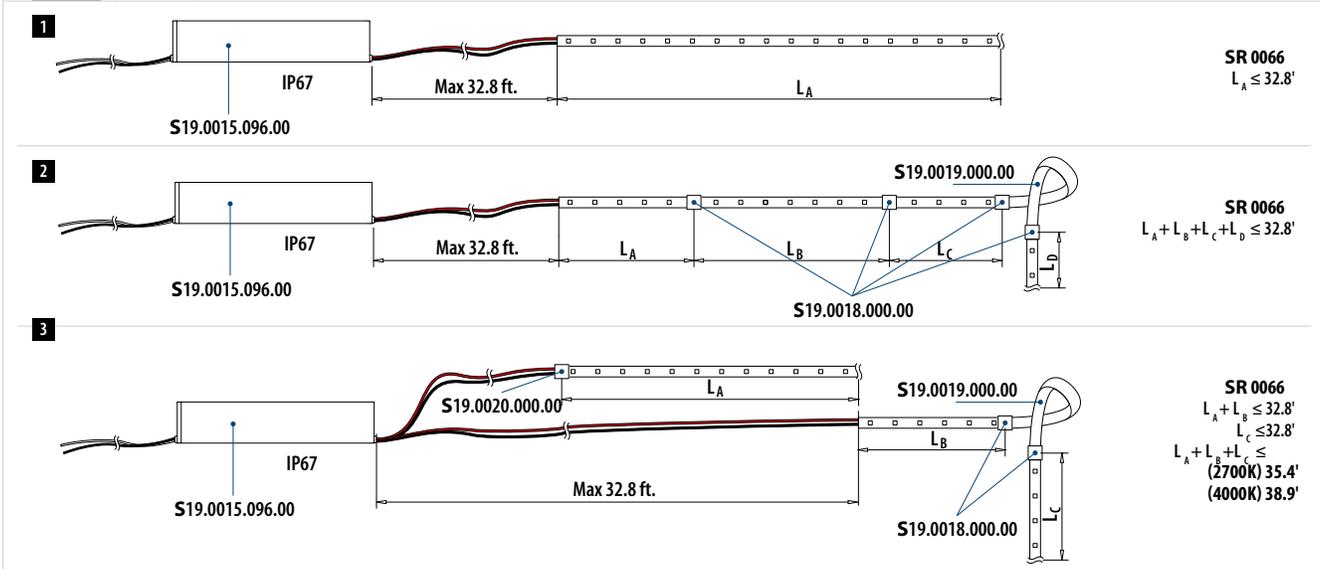
INFO S 0020.000



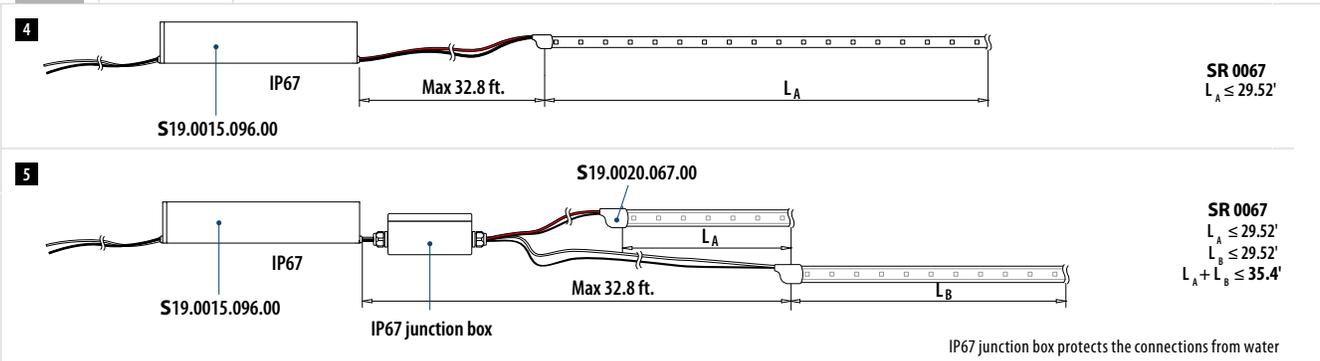
INFO S 0020.067



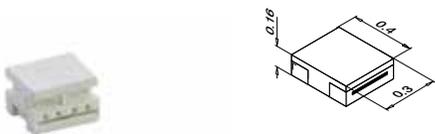
Q-INFO SR 0066



INFO SR 0067



LED strip connector



SR 0018

<b>INDOOR</b>	
S19.0018.000.00	1



LED strip connection cable

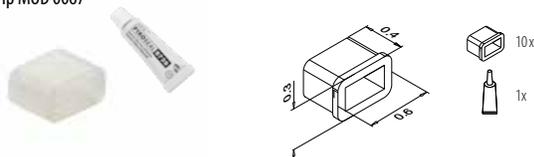


SR 0019

<b>INDOOR</b>	
S19.0019.000.00	1

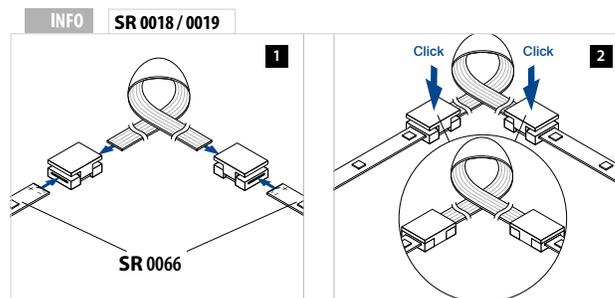
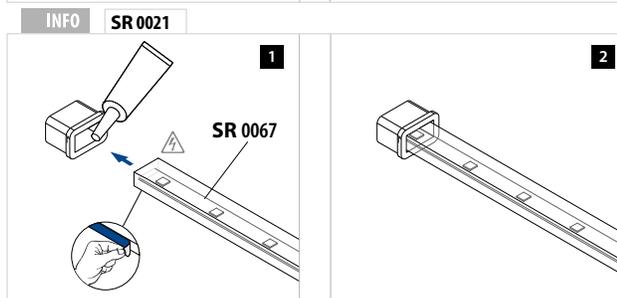
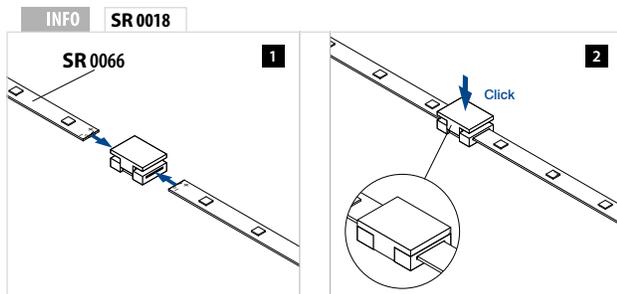


LED strip end cap  
for LED strip MOD 0067



SR 0021

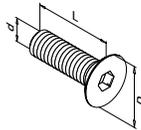
<b>OUTDOOR</b>	
S19.0021.067.00	1 set



## SAFETY INFORMATION

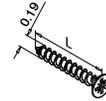
- Installation of the mains modules has to be carried out by a qualified electrician according to the applicable local regulations and standards.
- Observe correct electrical polarity. Incorrect polarity can destroy the modules.
- Only parallel drive circuits ensure a safe operation.
- Power supply units used for operation should include the following basic protection and safety features:
  - Short-Circuit Protection
  - Overload Protection
  - Overheat Protection
  - SELV (Safety Extra Low Voltage)
- Pay attention to the maximum output of the power supply.

Fixing materials



**SR 0670** - coarse thread (DIN7991)

316							
OUTDOOR	QS	Q	d	D	L		
S95.0670.608.14	QS-205	Q-4	1/4"	15/32"	5/16"		50
S94.0670.825.14	QS-120	Q-5	5/16"	5/8"	1"		50
S94.0670.840.14	QS-122	Q-5	5/16"	5/8"	1-1/2"		50

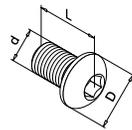


**SR 0220** - DIN7982 CH

304					
INDOOR	QS	Q	L		
S93.0220.525.13	QS-5	-	1"		50

316					
OUTDOOR	QS	Q	L		
S93.0220.525.14	QS-6	-	1"		50

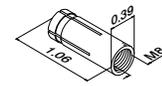


**SR 0511** - coarse thread / ISO7380

304							
INDOOR	QS	Q	d	D	L		
S95.0511.510.13	QS-202	Q-3	3/16"	3/8"	3/8"		50

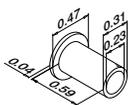
  

316							
OUTDOOR	QS	Q	d	D	L		
S95.0511.510.14	QS-203	Q-3	3/16"	3/8"	3/8"		50



**SR 0851**

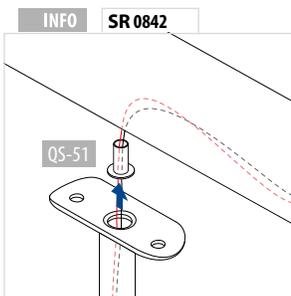
Brass				
IN/OUTDOOR	QS			
S93.0851.027.09	QS-55			50



Grommet for cable

**SR 0842**

Accessories				
IN/OUTDOOR	QS			
S93.0842.615.00	QS-51			50





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Nomma  
Association



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National Glass  
Association



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**SMART**  
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