

NEW

SMARTLIGHTS LINEAR LIGHT LIGHT UP YOUR RAILING

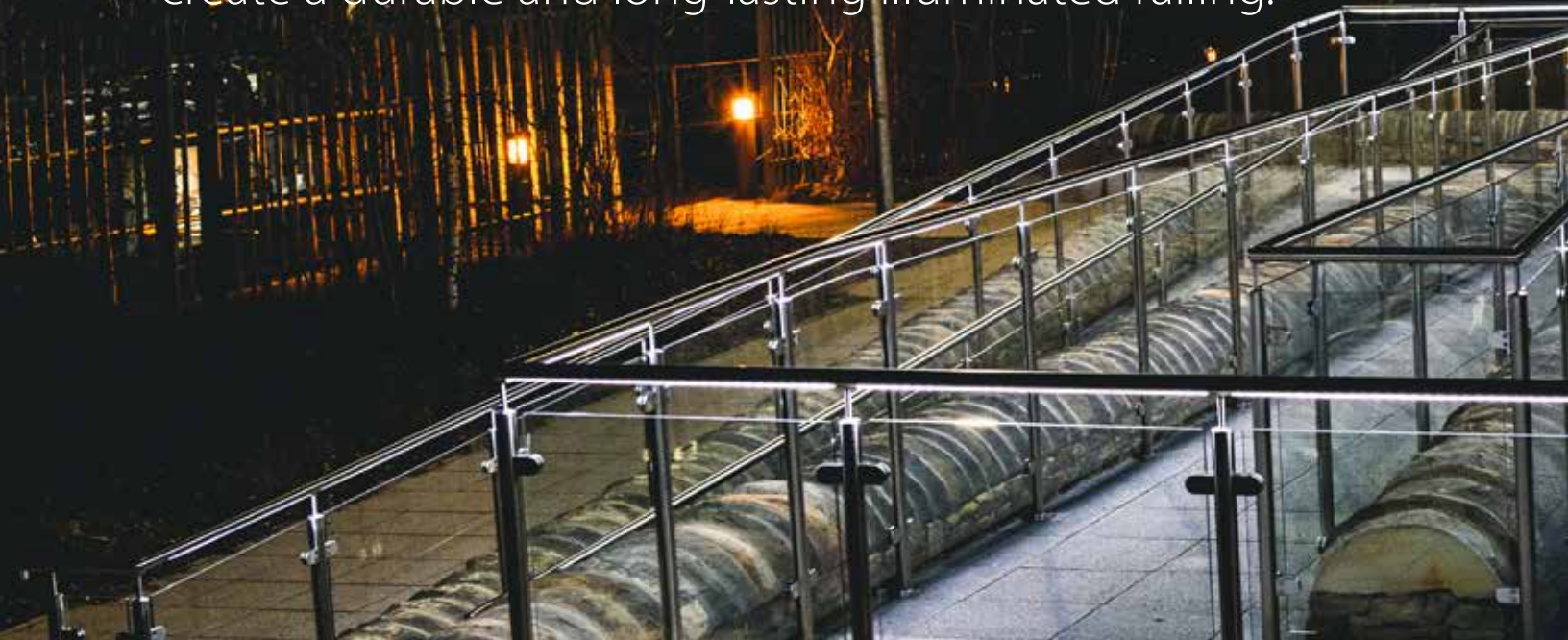
www.smartrailings.com

FOR MORE INFORMATION

Please call
949-346-3456 or email sales@thesmartlightingcompany.com

THE PREMIUM BRAND IN RAILING SYSTEMS

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

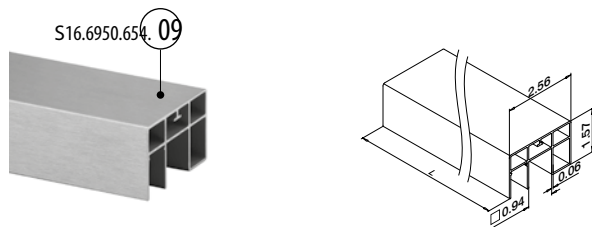
Linear Light for cap rails

- 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-LIGHTS - Linear Light - Cap rails, rectangular



SR 6950

Aluminum

Stainless steel effect

OUTDOOR

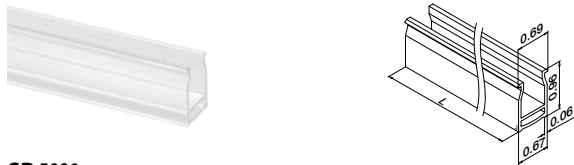


S16.6950.654.09 2.56" x 1.57" (65 x 40mm) L = 16.4' (5000 mm)

NEW



IK10



SR 5091

OUTDOOR

Transparency

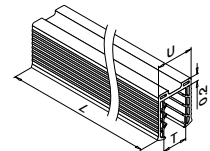
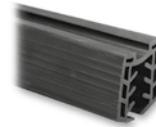


S24.5091.000.03 Clear L = 8.4' (2500 mm)

S24.5091.000.06 Frosted L = 8.4' (2500 mm)

NEW

IK10



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 6950 is compatible with these connectors



SR 6790 22



SR 6791 23

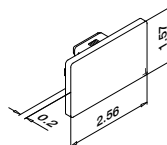
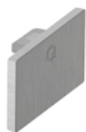


SR 6313 22



SR 6792 23

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



SR 6732 - EASY HIT®

Aluminum

Stainless steel effect

OUTDOOR

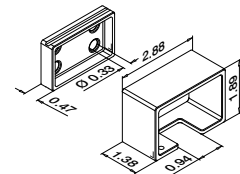
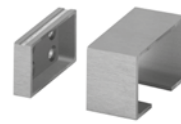


S16.6732.654.09 2.56" x 1.57" (65 x 40mm) 2

NEW



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

NEW



INFO

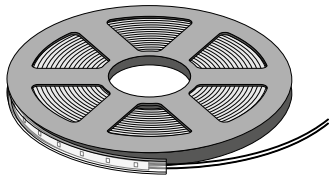
SR 6950



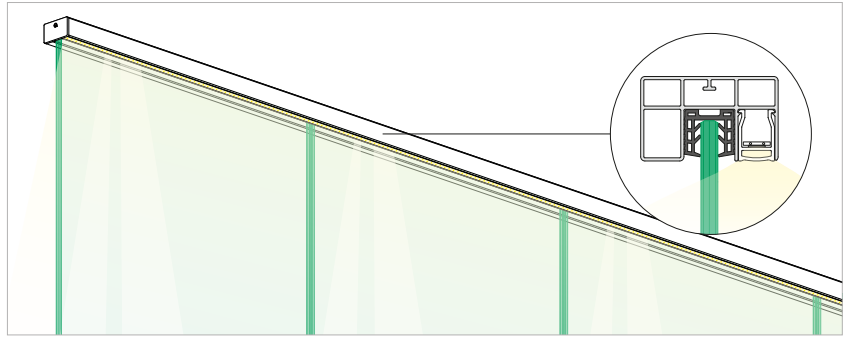
Stainless steel effect
A perfect match to our stainless steel components.

INFO

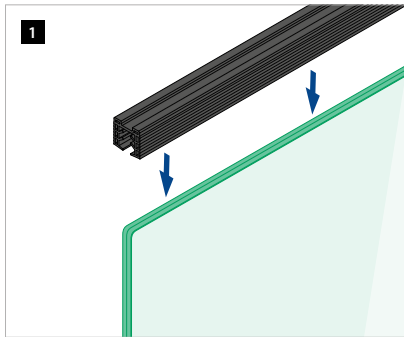
41.006x.0xx.00



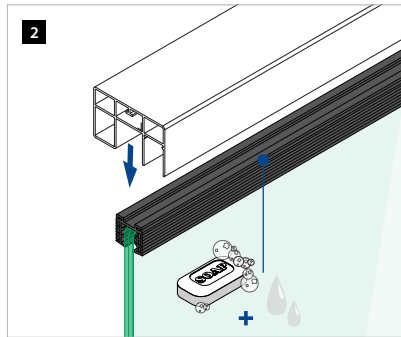
IP67



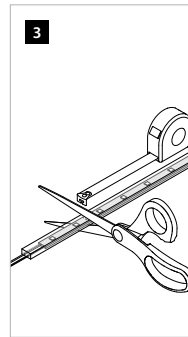
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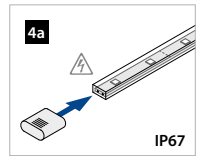
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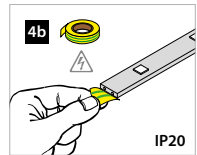
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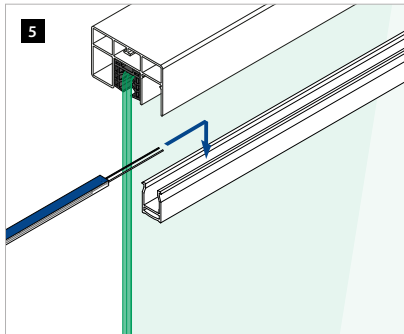
4a



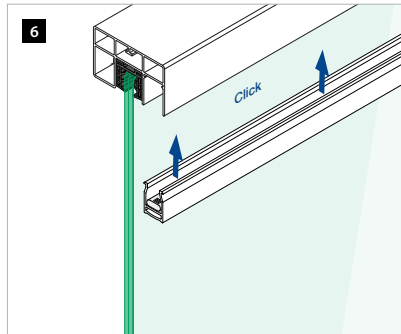
4b



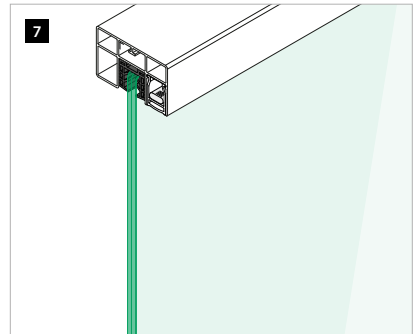
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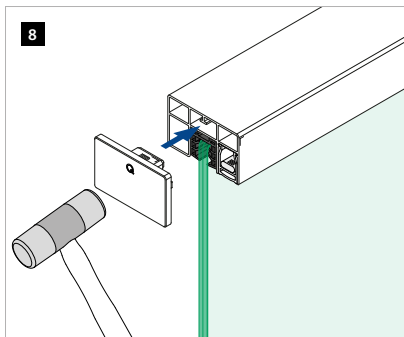
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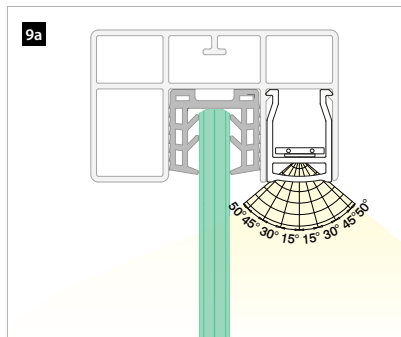
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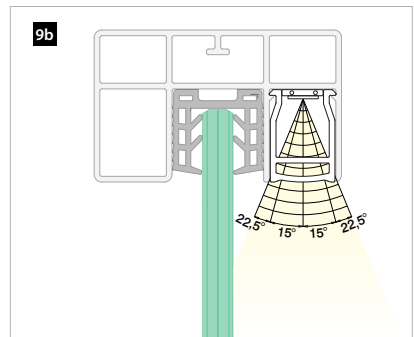
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9a



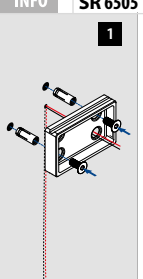
9b



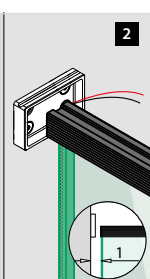
INFO

SR 6505

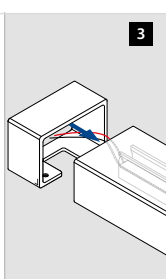
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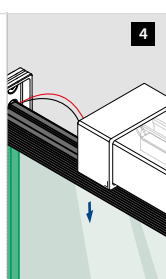
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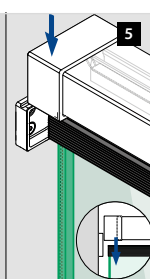
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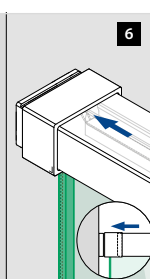
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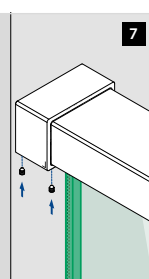
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6



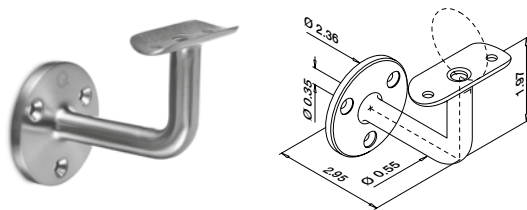
7



SMART-LIGHTS - Handrail brackets for wall mounting

Wall - tube

With cable duct



SR 0103

316

OUTDOOR

S14.0103.038.12

SR 0781

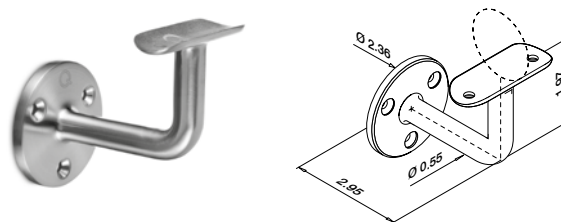
QS-6 19 / QS-203 19

2

NEW



Wall - tube



SR 0100

304

INDOOR

S13.0100.038.12

SR 0781

S-5 19 / S-202 19

2

316

OUTDOOR

S14.0100.038.12

SR 0781

S-6 19 / S-203 19

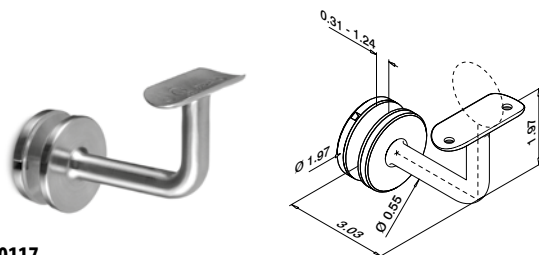
2

NEW



SMART-LIGHTS - Handrail brackets for glass mounting

Glass - tube



SR 0117

304

INDOOR

S13.0117.038.12

SR 0781

QS-202 19

2

316

OUTDOOR

S14.0117.038.12

SR 0781

QS-203 19

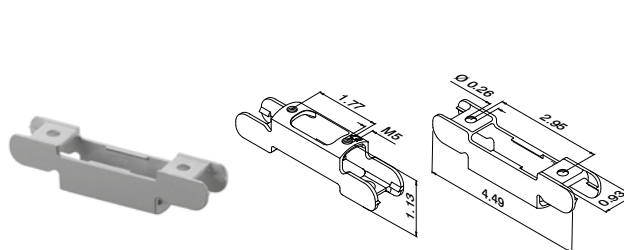
2

NEW



SMART-LIGHTS - Adapters for handrail brackets

For handrail bracket, straight



SR 0781

316

OUTDOOR

S14.0781.024.00

15/16"

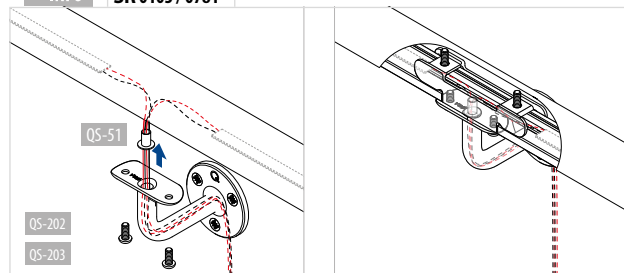
QS-205 19

2

NEW

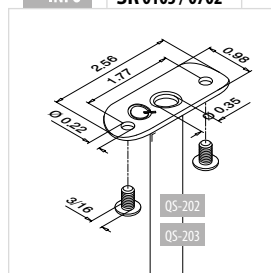
INFO

SR 0103 / 0781



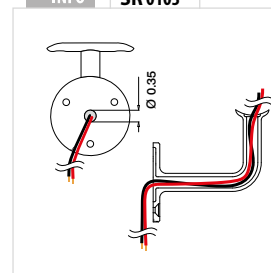
INFO

SR 0103 / 0702



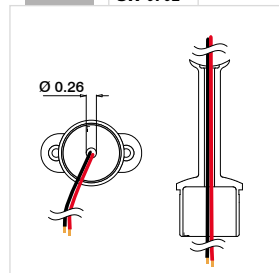
INFO

SR 0103



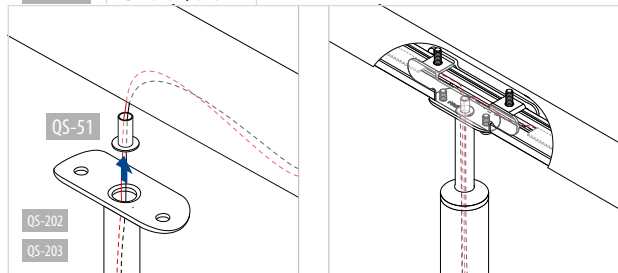
INFO

SR 0702



INFO

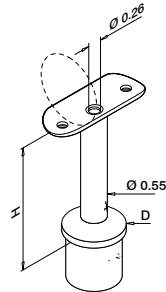
SR 0702 / 0781



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



H

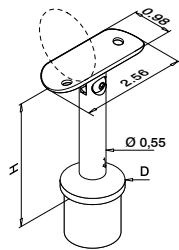


S14.0702.638.12 SR 0781 3-1/8" QS-203 19 2

NEW



Tube - tube



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

304

INDOOR



H



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

316

OUTDOOR



H



S14.0705.038.12 SR 0783 3-1/8" QS-203 19 2

SR 0719 - D = 1.9" x 0.078 (48.3 x 2.0mm)

304

INDOOR



H



S13.0719.238.12 3-1/8" 1-1/2" (38.1mm) QS-111 181 2

S13.0719.242.12 3-1/8" 1.66" (42.4mm) QS-111 181 2

316

OUTDOOR



H

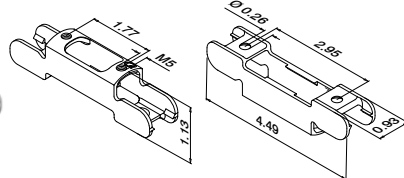


S14.0719.238.12 3-1/8" 1-1/2" (38.1mm) QS-111 181 2

S14.0719.242.12 3-1/8" 1.66" (42.4mm) QS-111 181 2

SMART-LIGHTS - Adapters for handrail brackets

For handrail bracket, straight



SR 0781

316

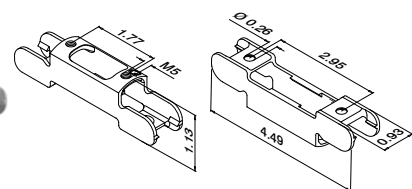
OUTDOOR

U



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

For handrail bracket, adjustable



SR 0783

316

OUTDOOR

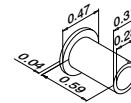
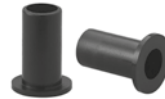
U



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

Accessories

Fixing materials

Grommet
for cable

SR 0842

Accessories

IN/OUTDOOR

QS



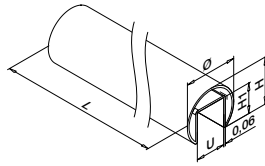
S93.0842.615.00 QS-51 50

NEW

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)

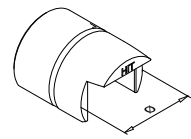
316

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

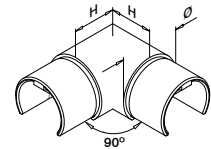
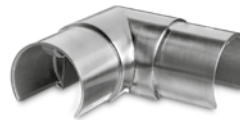
OUTDOOR	Ø	
S14.6792.042.00	for 1.66" x 0.06" (42.4 x 1.5mm)	2
S14.6792.048.00	for 1.9" x 0.06" (48.3 x 1.5mm)	2



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

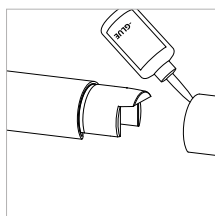
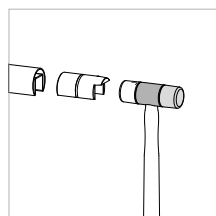
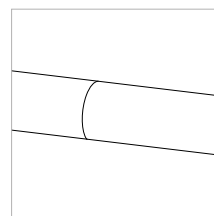
Smart-ultra-clean
S19.0610.000.00

INFO

Smart-cleaner
S19.0601.000.00

INFO

SR 6792

Smart-glue
1.69 fl.oz.
S19.1331.000.00

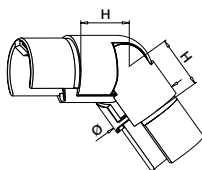
INFO



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

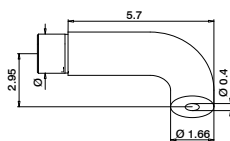
S14.6302.048.12 1.9" x 0.06" 1-3/16" 2



SMART-LIGHTS - Wall return, round

Left / right

With cable duct



SR 6739

316

OUTDOOR

Ø

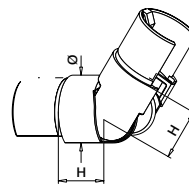


S14.6739.042.12 1.66" x 0.06" (42.4 x 1.5mm) 2

NEW



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

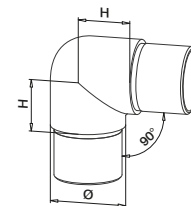


S14.6312.042.12 1.66" x 0.06" (42.4 x 1.5mm) 1-3/16" 2

S14.6312.048.12 1.9" x 0.06" 1-3/16" 2



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

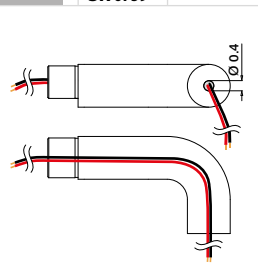
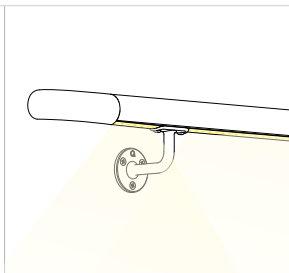
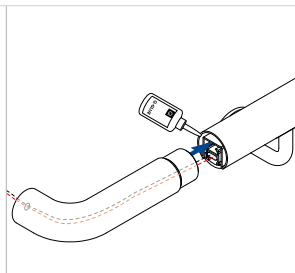
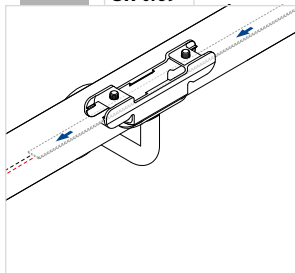


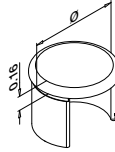
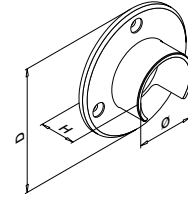
S14.0303.038.12 1-1/2" x 0.078" (38.1 x 2.0mm) 1-3/16" 2

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)



**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**

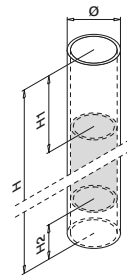
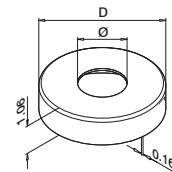
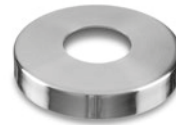
S13.6505.042.12 1.66" (42.4mm) 3-35/64" 1-3/16" QS 19 2

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" 1S13.0951.448.12 1.9" x **0.156"** (48.3 x 4.0mm) 49" 2.5" 2.50" 1S13.0951.450.12 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" 1S14.0951.448.12 1.9" x **0.156"** (48.3 x 4.0mm) 49" 2.5" 2.50" 1S14.0951.450.12 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

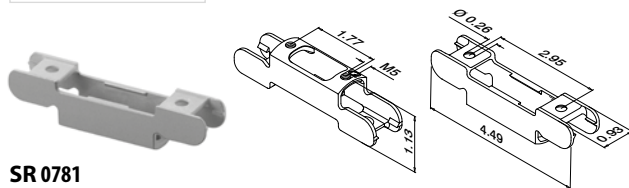
S14.0511.048.12 1.9" (48.3mm) 4-9/16" 2

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"

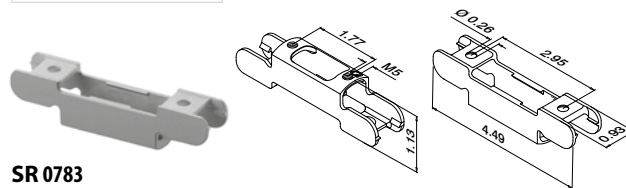
QS-205

P 19

2

NEW

For handrail bracket, adjustable

**SR 0783**

316

OUTDOOR

U



S14.0783.024.00

15/16"

QS-205

P 19

2

NEW

**SR 0780**

316

OUTDOOR

U



S14.0780.024.00

15/16"

QS-205

P 19

2

NEW

**SR 5090**

OUTDOOR



S24.5090.024.00

L = 8.2' (2500mm)

NEW

**SR 5090**

OUTDOOR

Transparency



S24.5090.000.03

Clear

L = 8.2' (2500mm)

S24.5090.000.06

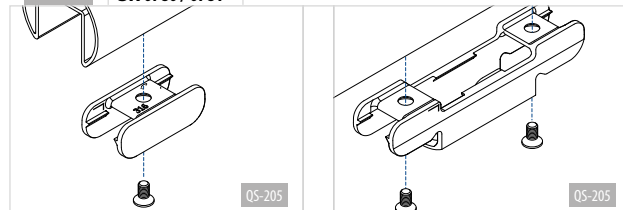
Frosted

L = 8.2' (2500mm)

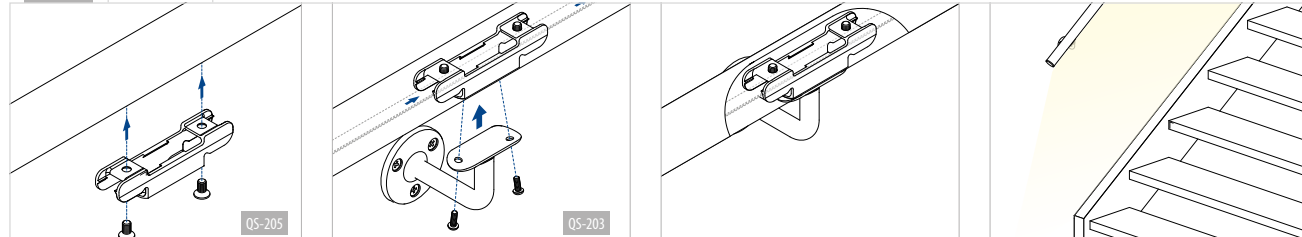
NEW

IK10

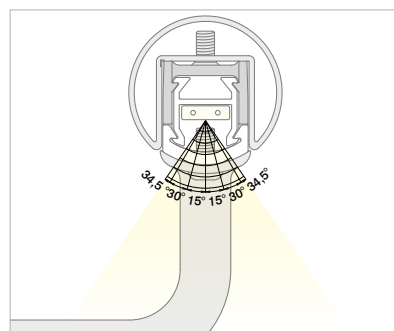
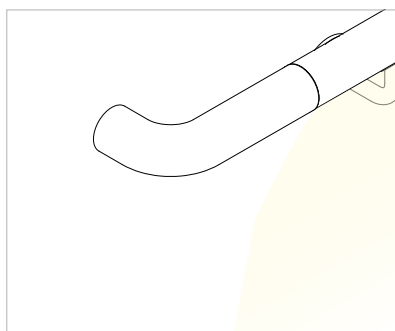
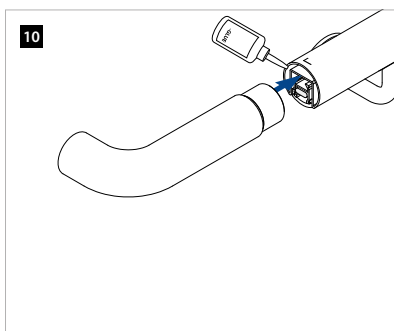
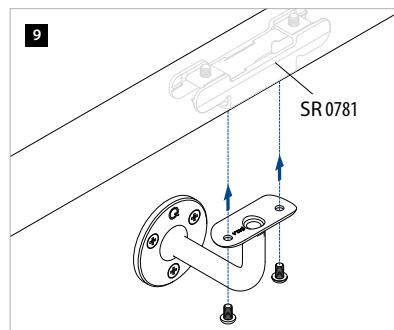
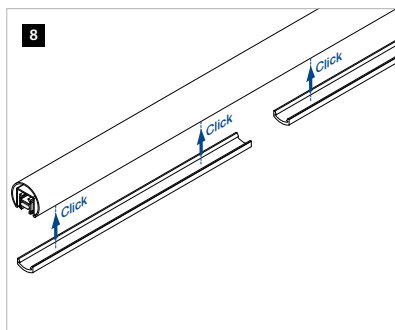
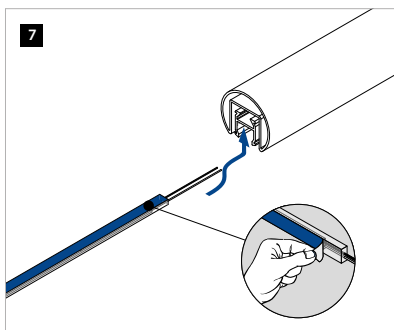
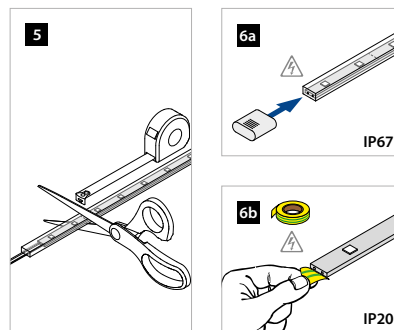
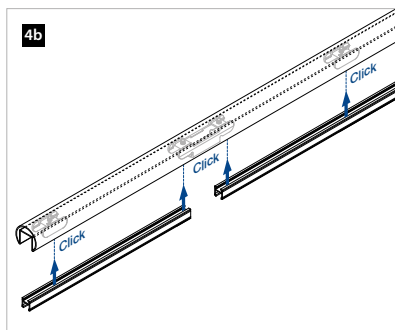
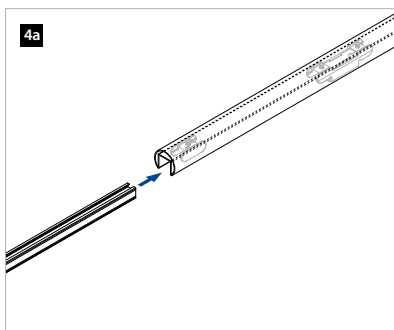
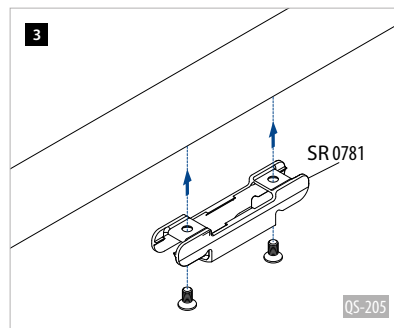
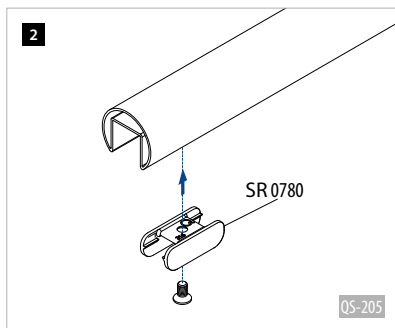
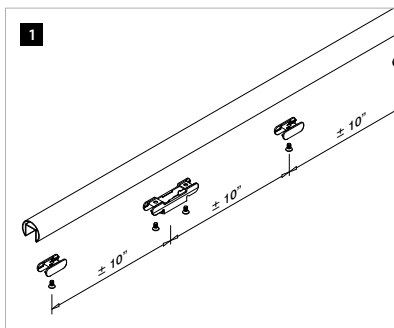
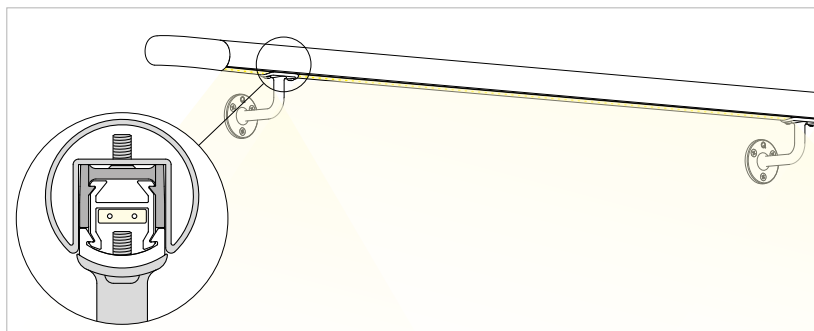
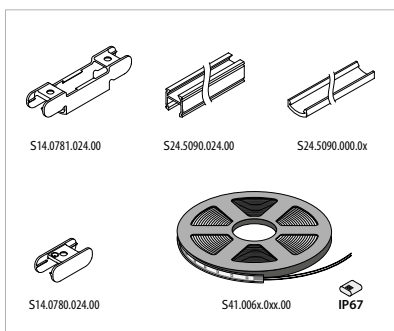
INFO

SR 0780 / 0781

INFO

SR 0781

INFO

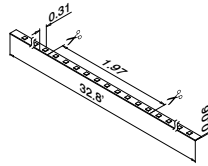


SMART-LIGHTS - Linear Light - LED strips - Indoor

OSRAM



2x



SR 0066

White

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

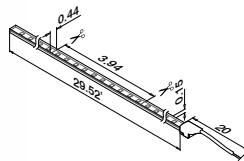
NEW

IP20



SMART-LIGHTS - Linear Light - LED strips - Outdoor

OSRAM



SR 0067

White

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

NEW

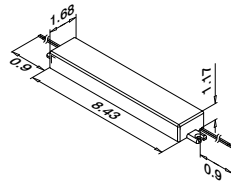
IP67



SMART-LIGHTS - Linear Light - Connection technology - Transformers

OSRAM

Transformer 24V

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

SR 0015

OUTDOOR	P	
S19.0015.096.00	96W	1

NEW

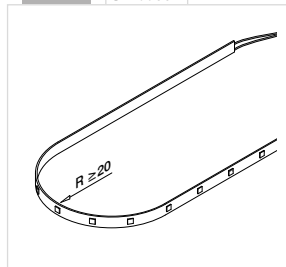
IP67



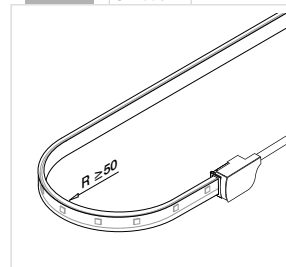
INFO SR 006x



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.		LED/ft.	L (ft.)	L _{min} (inch)		
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

IP... Ingress Protection

V Nominal voltage

W Nominal wattage


W/ft. Nominal wattage per foot

K Color temperature


Color Light color

lm Luminous flux

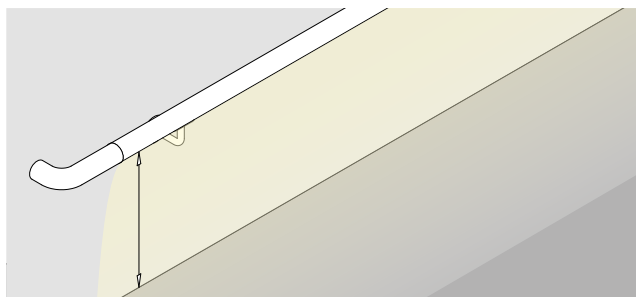
lm/ft. Luminous flux per foot

 Beam angle

LED/ft. Number of LEDs per foot

 Dimmable 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

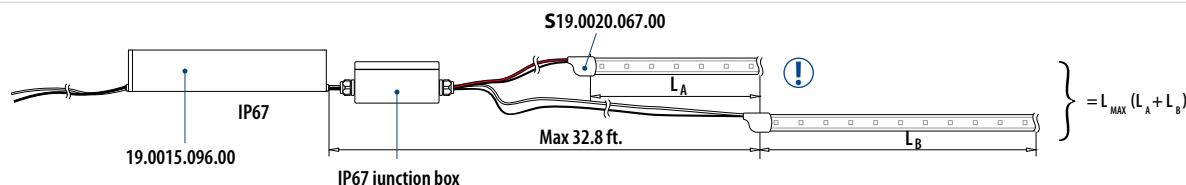
Lux (lx) explanation

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

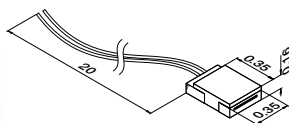


Transformer	Output	IP rate	K	Max. usable strip length per transformer (L _{MAX})
S19.0015.096.00 IP 67 – 96W	1x white	IP 20	2700	35.4 ft. (SR 0066)
	1x white	IP 20	4000	38.9 ft. (SR 0066)
	1x white	IP 67	4000	35.4 ft. (SR 0067)

! 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

OSRAM

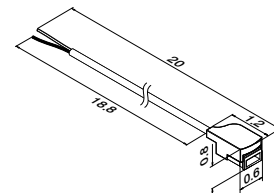
LED strip connection cable
for SR 0066

SR 0020

INDOOR	L	
S19.0020.000.00	20	1

NEW

IP20

LED strip connection cable
for SR 0067

SR 0020

OUTDOOR	L	
S19.0020.067.00	20	1

NEW

IP67



SMART-LIGHTS - Linear Light - Connection technology - Cable



Black cable

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

SR 0011

OUTDOOR	
S19.0011.050.00	L = 328'

NEW



Red cable

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

SR 0012

OUTDOOR	
S19.0012.050.00	L = 328'

NEW

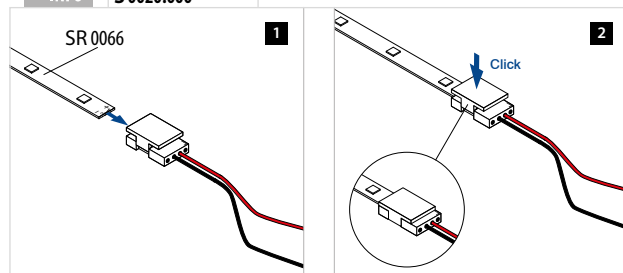
INFO

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.

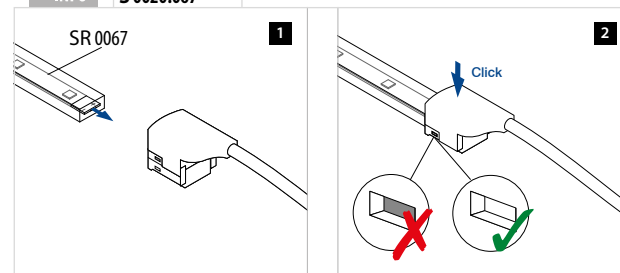
INFO

S 0020.000



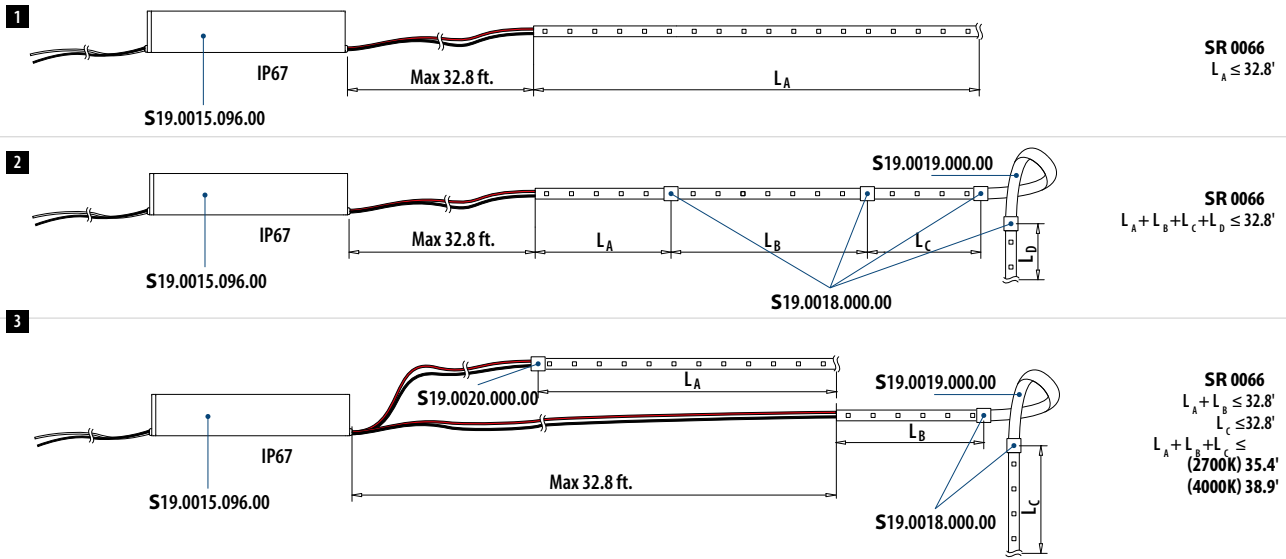
INFO

S 0020.067



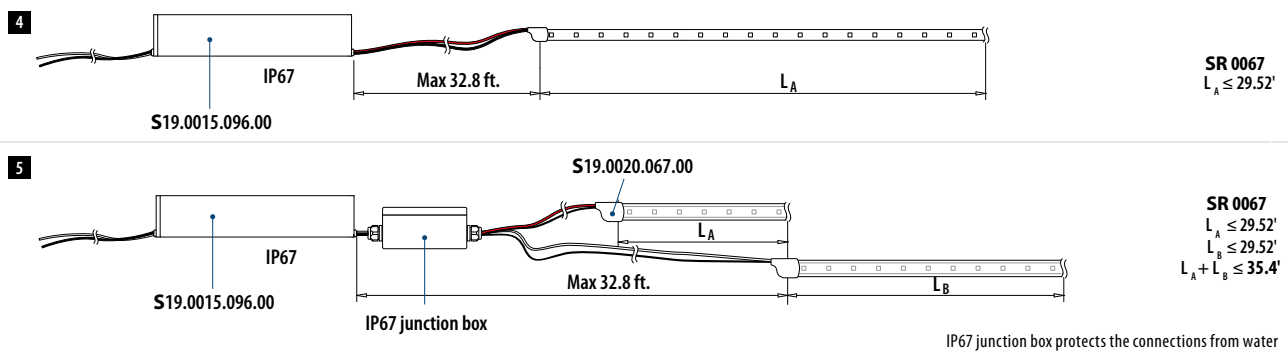
Q-INFO

SR 0066

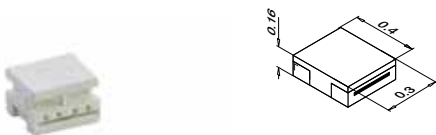


INFO

SR 0067



LED strip connector



SR 0018

INDOOR

S19.0018.000.00



1

NEW

IP20



LED strip connection cable



SR 0019

INDOOR

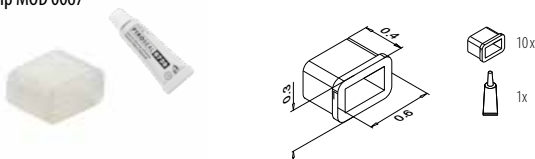
S19.0019.000.00



1

NEW

IP20

LED strip end cap
for LED strip MOD 0067

SR 0021

OUTDOOR

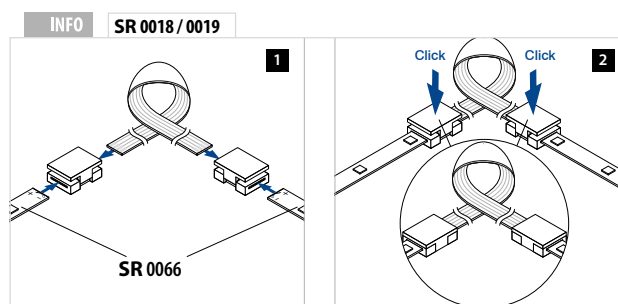
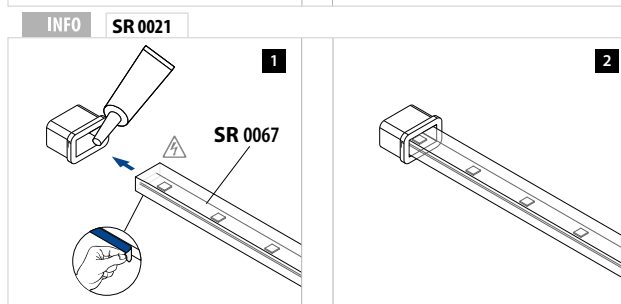
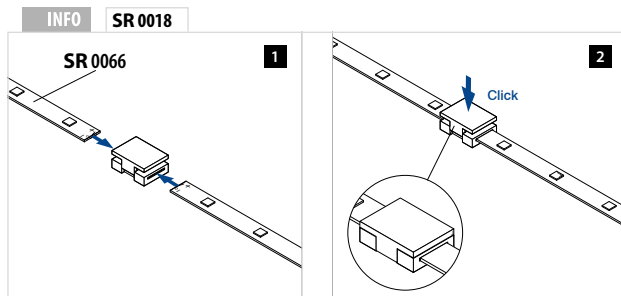
S19.0021.067.00



1 set

NEW

IP20



INFO

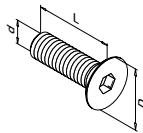
SAFETY INFORMATION

- 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.

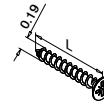
- Only parallel drive circuits ensure a safe operation.
- Power supply units used for operation should include the following basic protection and safety features:
 - Short-Circuit Protection

- Overload Protection
- Overheat Protection
- SELV (Safety Extra Low Voltage)
- Pay attention to the maximum output of the power supply.

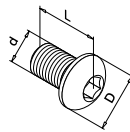
Fixing materials

**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	

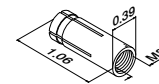
**SR 0220** - DIN7982 CH

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	

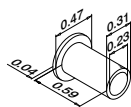
**SR 0511** - coarse thread / ISO7380

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	

NEW

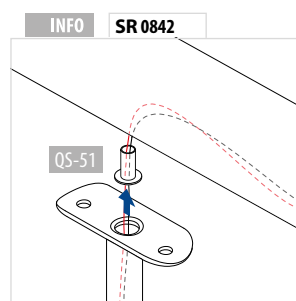
**SR 0851**

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	

NEW





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Nomma
Association



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