# Quick Reference #4

Specialised LED Products
Limited

The Illuminated Coat Rail is a functional coat rail that also provides lighting directly over the clothing, avoiding shadows created from shelving above or anyone standing in front of the rails. With next to zero glare, and the ability to be dimmed, it creates a comfortable visual experience in dark conditions such as late at night or early in the morning.

Each coat rail is made to order, and supplied with all mounting hardware. With tool-free installation of the rail into the bracket and the slide on bracket covers, fitting is simplified.
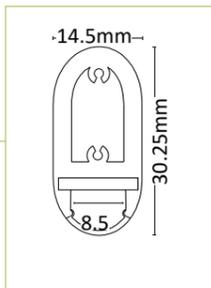
Dimmable LED strip available in 1800k, 2700k, 3000k, 4000k and 5000k colour temperatures.

ICR *Illuminated Coat Rail*

·14.5mm·
30.25mm
8.5
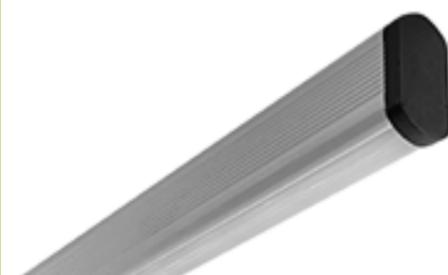
ICR-B *Illuminated Coat Rail - Black*

ICR-CON *Through Wall Power Connector*

Our through wall power connector allows you to connect multiple rails through a cabinet wall without having to run an extra power feed.

CR-SMS *Sensor*

12V to 24V 10 Amp surface mounted sensor with 2m leads.
This sensor allows up to 9m of rail to be switched on/off automatically with an adjustable time and daylight setting.

WOODEN ILLUMINATED HANDRAIL

The Wooden Illuminated Handrail is a custom-made alternative to tread and wall lighting and is designed for all indoor and outdoor residential and commercial stairways. Our standard rail is made from American Red Oak timber and can be supplied with or without an oil finish. The unfinished rail can be easily stained as required. Because we manufacture the rail to order it can also be custom made in a range of woods and profile shapes and lengths.

The 316 stainless steel mounting brackets conceal the extra-low voltage power cable internally. They are attached using our innovative sliding system, and can be quickly located on the mounting points, leaving no blank spots.

Unfinished

Wall Installation

Glass Installation

The mounting brackets are availabe for either wall or glass installation.

Oiled Finish

The handrail is supplied complete with the LED strip mounted inside an aluminium channel with lens.

Outdoor Finish

The pre-wire connector simplifies installation.

- Suitable for all indoor and outdoor residential or commercial applications including public and accessible routes.
- Meets New Zealand building code requirements.
- Extra Low Voltage power supply.
- 9W per metre.
- 8m LED maximum continuous run.
- 3 year warranty

Specialised LED Products
Limited

BLACK ALUMINIUM ILLUMINATED HANDRAIL

The Black Aluminium Illuminated Handrail is a custom-made alternative to tread and wall lighting designed for all indoor and outdoor residential stairways. We manufacture the rail to order, so it can be custom made in a range of lengths.

The black powder coated stainless steel mounting brackets conceal the extra-low voltage power cable internally. The handrail is supplied complete with the LED strip mounted inside an aluminium channel with lens.

- Suitable for all indoor and outdoor residential applications.
- Meets New Zealand building code requirements.
- Extra Low Voltage power supply.
- 9W per metre.
- 8m LED maximum continuous run.
- 3 year warranty

The pre-wire connector simplifies installation.

SKYLINE CHANNEL

Skyline Channel is a flexible stainless steel channel available in black or white that can be used with any Specialised LED Products Ribbon Strip.

- 304 Stainless steel strip with plastic coating.
- Resistant to salt mist and UV.
- Suitable for indoor and outdoor use.

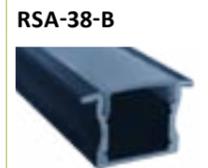Mounting brackets and ribbon strip are sold separately.

SKY-CH	BLACK	WHITE
	SKY-CH-B	SKY-CH-W
W:20.5mm, H:4mm, Max L:10m		
	SKY-MT-B	SKY-MT-W

SURFACE MOUNT & RECESSED PROFILES

		SILVER Silver Channel & White Lens	BLACK Black Channel & White Lens	WHITE White Channel & White Lens	ONYX Black Channel & Black Lens
RSA-2	W:16mm, H:11.6mm, Max L: 5m	RSA-2	RSA-2-B		
RSA-5	Diameter:20.6mm, Max L:2m		RSA-5-B		ONYX-15
RSA-6 *	W:18.5mm, H:18.5mm, Max L: 2.5m	RSA-6	RSA-6-B	RSA-6-W	ONYX-17
RSA-7 *	W:23mm, H:9.2mm Max L: 2.5m	RSA-7	RSA-7-B	RSA-7-W	ONYX-2
RSA-12 *	W:17.1mm, H:8mm Max L: 2.5m	RSA-12	RSA-12-B	RSA-12-W	ONYX-1
RSA-14	W:65mm, H:32mm, Max L: 2.m	RSA-14			
RSA-18	W:23.5mm, H:11mm, Max L: 2.5m	RSA-18	RSA-18-B		ONYX-20
RSA-19 *	W:18mm, H:44mm Max L: 2.5m	RSA-19		RSA-19-W	

ONYX-15 ONYX-17 ONYX-2 ONYX-1 ONYX-20

*** Lens is available in a 20m roll**

SURFACE MOUNT & RECESSED PROFILES

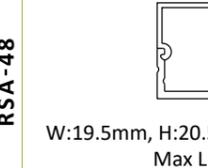| Profile	Dimensions	SILVER Silver Channel & White Lens	BLACK Black Channel & White Lens	WHITE White Channel & White Lens	ONYX Black Channel & Black Lens	ONYX
RSA-31	W:17mm, H:16mm, Max L: 2.5m	RSA-31	RSA-31-B	RSA-31-W	ONYX-3	ONYX-3
RSA-33	W:36mm, H:28mm, Max L:3m*	RSA-33	RSA-33-B	RSA-33-W	ONYX-14	ONYX-14
RSA-35	W:50mm, H:75mm Max L:2m		RSA-35-B			
RSA-36	W:18mm, H:13mm, Max L:2.5m	RSA-36	RSA-36-B	RSA-36-W	ONYX-18	ONYX-18
RSA-37	W:30mm, H:16mm, Max L:2.5m	RSA-37	RSA-37-B		ONYX-10	ONYX-10
RSA-38	W:23.2mm, H:15.4mm, Max L:2.5m	RSA-38	RSA-38-B	RSA-38-W	ONYX-4	ONYX-4
RSA-39	W:50mm, H:35mm, Max L:2.5m	RSA-39	RSA-39-B		ONYX-7	ONYX-7
RSA-43	W:35mm, H:35mm, Max L:2.5m		RSA-43-B		ONYX-6	ONYX-6

SURFACE MOUNT & RECESSED PROFILES

Profile	Dimensions	SILVER Silver Channel & White Lens	BLACK Black Channel & White Lens	WHITE White Channel & White Lens	ONYX Black Channel & Black Lens	ONYX
RSA-46	W:42mm, H:35.2mm, Max L:2m	RSA-46	RSA-46-B			
RSA-47	W:18mm, H:48.4mm, Max L:2m	RSA-47	RSA-47-B	RSA-47-W	ONYX-11	ONYX-11
RSA-48	W:19.5mm, H:20.5mm, Max L:2.5m	RSA-48				
RSA-52	W:94.8mm, H:35.25mm, Max L:2.5m	RSA-52				
RSA-54	W:7.5, H:9mm, Max L:3m	RSA-54	RSA-54-B		ONYX-16	ONYX-16
RSA-56	W:39mm, H:39mm, Max L:3m	RSA-56 — RSA-56 is designed to be mounted in the ceiling–wall junction to wash the ceiling and the wall with light.				
RSA-57	W:24.5mm, H:13.5mm, Max L:3m	RSA-57	RSA-57-B	RSA-57-W	ONYX-19	ONYX-19
RSA-58	W:16mm, H:16mm, Max L:2.5m		RSA-58-B		ONYX-5	ONYX-5
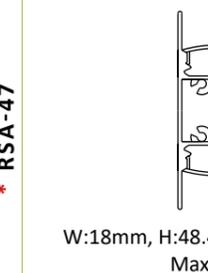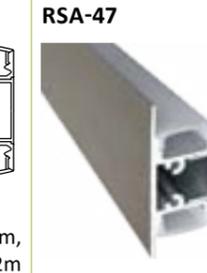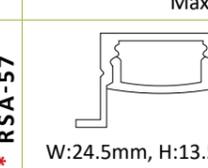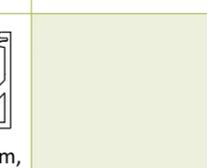
Lens is available in a 20m roll
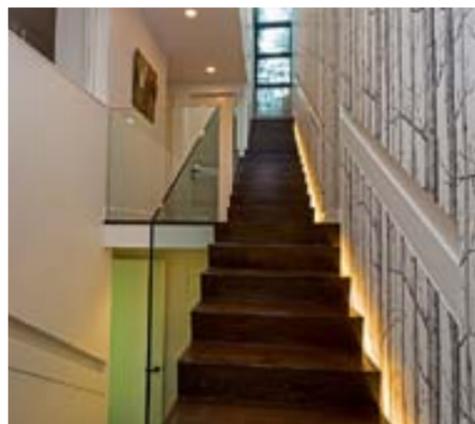
PLASTER & TILE PROFILES

	SILVER	WHITE
	Silver Channel & White Lens	White Channel & White Lens
RSA-16 — 35.5, 10, 11, 15.5, Max L:2.5m	RSA-16	
RSA-20 — 26, 64, 15, Max L:2.5m	RSA-20	
RSA-21 — 64, 26, 15, Max L:2.5m	RSA-21	
RSA-22 — 32, 15.5, 12, Max L:2.5m	RSA-22	
RSA-27 — W:18.5mm, H:96mm, Max L:2m		RSA-27-W
RSA-28 — 15.5, 52, 15.5, Max L:2.5m	RSA-28	

PLASTER & TILE PROFILES

	SILVER	BLACK	WHITE	ONYX
	Silver Channel & White Lens	Black Channel & White Lens	White Channel & White Lens	Black Channel & Black Lens
RSA-34 — 50, 98, 18.3, Max L:2.5m	RSA-34			
RSA-44 — 38.5, 18.5, 13.75, 24.75, 14.5, Max L:2.5m	RSA-44	RSA-44-B	RSA-44-W	ONYX-9
RSA-49 — 18.2, 23.25, 24.7, 38, Max L:2.5m	RSA-49	RSA-49-B	RSA-49-W	ONYX-12
RSA-50 — 21, 37, 33.75, 61.25, Max L:2.5m	RSA-50	RSA-50-B	RSA-50-W	ONYX-13

ONYX-9 ONYX-12 ONYX-13

STEP, FLOOR, & DRIVE OVER PROFILES

	SILVER	BLACK	ONYX
	Silver Channel & White Lens	Black Channel & White Lens	Black Channel & Black Lens
W:65mm, H:27.4mm, Max L:2m			ONYX-8
RSA-45 — W:57mm, H:10.8mm, Max L:2.5m		RSA-45	
RSA-53 — W: 26mm, H: 26mm, Max L:2.5m	RSA-53 — Step-over & Drive Over		

ONYX-8

RSA-53   RSA-53

End caps are available for all profiles and are supplied free with all orders.   www.sled.co.nz

Specialised LED Products Limited
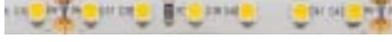
OUTDOOR RIBBON STRIP

FOR OUTDOOR USE ONLY
Clear UV stabilised silicon coated.
120° SMD LED lamps.
Available as a 5m roll or cut to order.
LED Life-span: 50,000 hours.
***IP67 rated Ribbon Strip is factory made to order
– *please enquire for lead time*.**

ELITE RIBBON STRIP (CRI: 95) — 5 YEAR WARRANTY

Code	Description	Watts per/m	DC Constant Voltage	IP Rating	LEDs/m	Dimensions (mm)	Cut Marks (mm)	Maximum Continuous Length
RS1-WP*	Single Colour: 2700K W, WW, NW / Dot free	5	24V	65/67*	204	W:5 x H:2	42	7m
RS-EWP*	Single Colour: 2700K, W, WW, NW / Dot free	10 15 20	24V	65/67* 65/67*	228	W:10 x H:2.25	26.5	6.5m
RS-EWP-RGBW*	RGBW / Dot free with OPAL LENS	20 20	24V	65/67*	144	W:10 x H:2.25	42	6.5m

SPECIALTY STRIP — 3 YEAR WARRANTY

Code	Description	Watts per/m	DC Constant Voltage	IP Rating	LEDs/m	Dimensions (mm)	Cut Marks (mm)	Maximum Continuous Length
RS-CHASWP	Single Colour: 2700K W, WW, NW,, R, G, or B / Chasing LED	10	24V	65	120	W:10 x H:2	125	6.5m
RS12WP-24-SUNSET	3000K Dimmable to 1800K / Sunset Dimmable	15	24V	65	168	W:10 x H:2.5	85	6.5m
RS-DIGWP-24-RGBW	RGBW / Digital LED	16	24V	65	60	W:10 x H:2.5	100	6.5m
RS-PWP	Single Colour: 2700K W, WW, NW / Projector Strip	18	24V	65	120	W:10 x H:3.5	50	6.5m
RS12WP-24-DUAL	Dual Colour: 1800K & 4000K / Dual colour LED	19	24V	65	192	W:10 x H:2	62	6.5m
RS-GRO-WP*	Grolux LED / Full spectrum LED	20	24V	65/67*	120	W:10 x H: 2	50	6.5m
RS-EWP-20-M	Triple Colour: Red & 3000K & 5000K / Meat Strip	20	24V	65	228	W:10 x H:2.5	26.5	6.5m

RIBBON STRIP (CRI: 80) — 3 YEAR WARRANTY

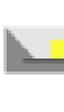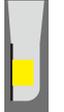| Code	Description	Watts per/m	DC Constant Voltage	IP Rating	LEDs/m	Dimensions (mm)	Cut Marks (mm)	Maximum Continuous Length
RS6WP	Single Colour: 2700K W, WW, NW,, R, G, or B	4.8	12V 24V	65	60	W:8.5 x H:2.6	50 100	8m 8m
RS11WP* Made to order	Single Colour: 2700K W, WW, NW,, R, G, or B	14	12V 24V 48V	67*	120	W:12 x H:7.5	25 50	6.5m 6.5m 20m
RS12WP	Single Colour: 2700K W, WW, NW,, R, G, or B	14	12V 24V 48V	65	120	W:8.5 x H:2.5	25 50	6.5m 6.5m 10m
RS11WP-RGBW* Made to order	RGBW	20	12V 24V	67*	60	W:13 x H:4.5	50 100	6.5m 6.5m
RS12WP-RGBW	RGBW	20	12V 24V	65	60	W:12 x H:3	50 100	6.5m 6.5m
RS19WP	Single Colour: 2700K W, WW, NW, R, G, or B	20	12V 24V	65	120	W:10 x H: 2	25 50	6.5m 6.5m
RS20WP* Made to order	Single Colour: 2700K W, WW, NW, R, G, or B	20	12V 24V 48V	67*	60	W:12 x H:7.5	25 50 100	6.5m 6.5m 18m

INDOOR RIBBON STRIP

FOR INDOOR USE ONLY
120° SMD LED lamps.
Available as a 5m roll or cut to order.
LED Life-span: 50,000 hours.

ELITE RIBBON STRIP (CRI: 95) — 5 YEAR WARRANTY

Code	Description	Watts per/m	DC Constant Voltage	IP Rating	LEDs/m	Dimensions (mm)	Cut Marks (mm)	Maximum Continuous Length
RS1	Single Colour: 2700K W, WW, NW / Dot free	5 9	24V	20	204	W:5 x H:1.5	29	7m
RS-E	Single Colour: 2700K, W, WW, NW / Dot free	10 15 20	24V	20	228	W:10 x H:1.5	26.5	6.5m
RS-E-RGBW	RGBW / Dot free with OPAL LENS	20	24V	20	144	W:10 x H:2	42	6.5m

SPECIALTY STRIP — 3 YEAR WARRANTY

Code	Description	Watts per/m	DC Constant Voltage	IP Rating	LEDs/m	Dimensions (mm)	Cut Marks (mm)	Maximum Continuous Length
RS-CHAS	Single Colour: 2700K W, WW, NW,, R, G, or B / Chasing LED	10	24V	20	120	W:10 x H:1.5	125	6.5m
RS10-24-SUNSET	3000K Dimmable to 1800K / Sunset Dimmable	15	24V	20	168	W:10 x H:1.5	85	6.5m
RS-DIG-24-RGBW	RGBW / Digital LED	16	24V	20	60	W:10 x H:2.2	100	6.5m
RS-P	Single Colour: 2700K W, WW, NW / Projector Strip	18	24V	20	120	W:10 x H:3.5	50	6.5m
RS10-24-DUAL	Dual colour: 1800K & 4000K / Dual colour LED	19	24V	20	192	W:10 x H:2	62	6.5m
RS-GRO	Grolux LED / Full spectrum LED	20	24V	20	120	W:10 x H:1.3	50	6.5m
RS-BLK-12	UV / UV Blacklight	21	12V	20	120	W:8 x H:2.5	25	6.5m
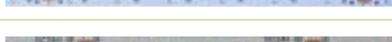
RIBBON STRIP (CRI: 80) — 3 YEAR WARRANTY

Code	Description	Watts per/m	DC Constant Voltage	IP Rating	LEDs/m	Dimensions (mm)	Cut Marks (mm)	Maximum Continuous Length
RS2	Single Colour: 2700K W, WW, NW,, R, G, or B	4.8	12V 24V	20	60	W:8 x H:2.5	50 100	8m 8m
RS9	Single Colour: 2700K W, WW, NW,, R, G, or B	9	12V 24V	20	120	W:8 x H:2.5	25 50	6.5m 6.5m
RS10	Single Colour: 2700K W, WW, NW,, R, G, or B	14	12V 24V	20	120	W:8 x H:2.5	25 50	6.5m 6.5m
RS10-RGBW	RGBW	19	12V 24V	20	60	W:12.5 x H:2.5	50 100	6.5m 6.5m
RS16	Single Colour: 2700K W, WW, NW,, R, G, or B	20	12V 24V	20	120	W:10 x H:1.3	25 50	6.5m 6.5m
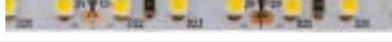
Standard tail length for all Ribbon Strip is 150mm but can be supplied up to 3m – *please specify on order.*

Specialised LED Products Limited

OPAL SINGLE COLOUR NEON STRIP - 24V DC & 48V DC

Available in: White Warm White Natural White Red Green & Blue

NS-24-1 W:12mm H: 20mm 15W/m	**NS-24-2** W:4mm H: 10mm 12W/m	**NS-24-3** W:16mm H: 16mm 15W/m	**NS-24-4** W:10mm H: 10mm 12W/m
NS-24-5 W:10mm H: 18mm 15W/m	**NS-24-7** W:13mm H: 23mm 15W/m	**NS-24-8** W:6mm H: 13mm 15W/m	**NS-24-9** W:10mm H: 17mm 15W/m
NS-24-10 W:13mm H: 5mm 15W/m	**NS-24-11** W:12mm H: 12mm 15W/m	**NS-24-12** W:15mm H: 13.5mm 15W/m	**NS-24-14** W:19mm H: 18mm 15W/m
NS-24-17 W:20mm H: 20mm 15W/m	**NS-24-18** Diameter: 22mm 20W/m	**NS-24-19** Diameter: 40mm 30W/m	

OPAL RGBW NEON STRIP - 24V DC

NS-24-3-RGBW W:16mm H: 16mm 15W/m	**NS-24-6-RGBW** W:12mm H: 25mm 18W/m	**NS-24-10-RGBW** W:13mm H: 5mm 18W/m	**NS-24-14-RGBW** W:19mm H: 18mm 15W/m
NS-24-16-RGBW W:6.5mm H: 13mm 15W/m	**NS-24-17-RGBW** W:20mm H: 20mm 15W/m	**NS-24-19-RGBW** Diameter: 40mm 30W/m	

OPAL DIGITAL NEON STRIP - 24V DC

NS-24-1-DIG W:12mm H: 20mm 15W/m	**NS-24-3-DIG** W:16mm H: 16mm 15W/m	**NS-24-7-DIG** W:13mm H: 23mm 15W/m	**NS-24-10-DIG** W:13mm H: 5mm 15W/m
NS-24-14-DIG W:19mm H: 18mm 15W/m	**NS-24-17-DIG** W:20mm H: 20mm 15W/m	**NS-24-19-DIG** Diameter: 40mm 30W/m	

ONYX SINGLE COLOUR NEON STRIP - 24V DC & 48V DC

Available in: White Warm White Natural White Red Green & Blue

NSO-24-1 W:12mm H: 20mm 15W/m	**NSO-24-3** W:16mm H: 16mm 15W/m	**NSO-24-7** W:13mm H: 23mm 15W/m	**NSO-24-17** W:20mm H: 20mm 15W/m
NSO-24-18 Diameter: 22mm 20W/m	**NSO-24-20** W:6mm H: 16mm 15W/m	**NSO-24-10** W:13mm H: 5mm 15W/m	

ONYX RGBW NEON STRIP - 24V DC

NSO-24-1-RGBW W:12mm H: 20mm 15W/m	**NSO-24-3-RGBW** W:16mm H: 16mm 15W/m	**NSO-24-7-RGBW** W:13mm H: 23mm 15W/m	**NSO-24-17-RGBW** W:20mm H: 20mm 15W/m

ONYX DIGITAL NEON STRIP - 24V DC

NSO-24-1-DIG W:12mm H: 20mm 15W/m	**NSO-24-3-DIG** W:16mm H: 16mm 15W/m	**NSO-24-7-DIG** W:13mm H: 23mm 15W/m	**NSO-24-17-DIG** W:20mm H: 20mm 15W/m

Specialised LED Products Limited