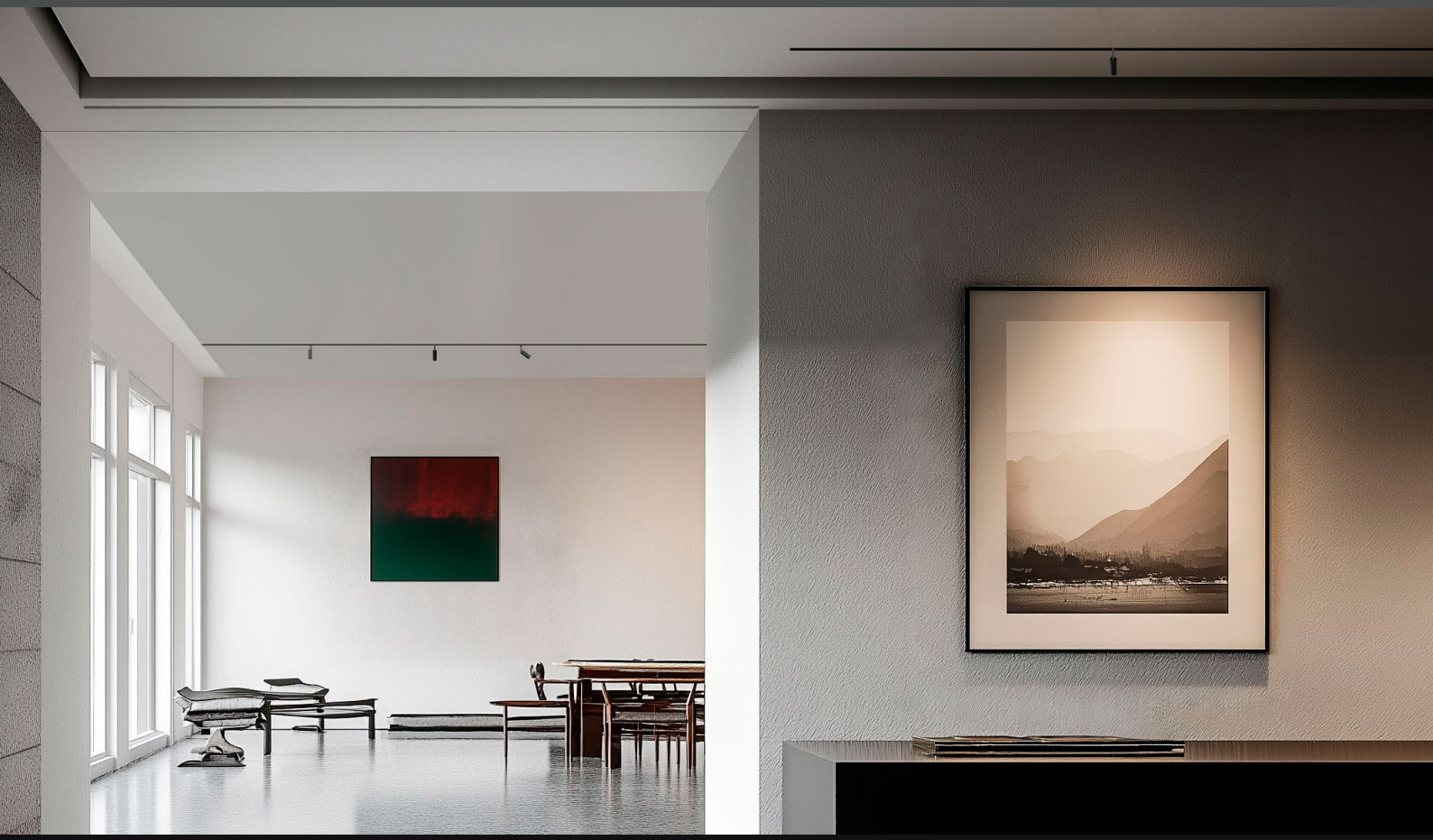
SWITCH Lighting®



enhancing environments through **lighting**

48VDC TRACK LIGHTING CATALOGUE

October 2026 v1

NZ Engineered & Assembled

PURE COLOUR
HIGH CRI DOWNLIGHTS

INTRODUCTION

About us

Welcome to Switch Lighting, where innovation meets illumination. We are the leading provider of cutting-edge lighting solutions designed to transform spaces and elevate experiences. With a passion for sustainability and a commitment to technological advancement, Switch Lighting has been revolutionising the industry since its inception in 2009.

At Switch Lighting, we understand the profound impact that lighting can have on ambience, functionality, and energy efficiency. Our team of dedicated professionals work passionately to develop and deliver state-of-the-art lighting products that surpass industry standards. By combining exceptional design, superior quality, and energy-saving features, we empower our customers to create inspiring and eco-friendly spaces that enhance productivity, comfort, and aesthetics. Whether that be in homes, offices, hotels, hospitality, retail, schools, super yachts or world renowned cruise ships.

Switch Lighting is New Zealand's leading LED luminaire manufacturer – and your trusted partner for innovative lighting solutions that illuminate your world and enhance the environments you live in.

"Ka pū te ruha, ka hao te rangatahi."

"As an old net withers, another is remade."

As a local New Zealand business, we are proud of our nation's rich culture and heritage. This Māori proverb inspires us to focus on the future, where our dedication to innovation drives our passion for continual advancement and enhancement of lighting technologies, aimed at optimising the impact on both people and the environment.

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48VDC Track Lighting

48VDC track lighting combines minimalist aesthetics, low-voltage safety, and exceptional flexibility within a refined lighting platform. Designed for contemporary residential, hospitality, retail, and commercial environments, 48VDC systems allow luminaires to be effortlessly positioned, adjusted, and controlled while maintaining a slim, discreet architectural profile. Compared with traditional mains-voltage track systems, 48VDC technology enables smaller, more elegant luminaires, improved energy efficiency, and advanced lighting control through systems such as DALI and Casambi. The result is a versatile lighting solution that delivers precision, atmosphere, and visual simplicity.

Whether used to create dramatic feature lighting, highlight architectural details, or provide adaptable everyday illumination, 48VDC track lighting offers designers and homeowners the freedom to tailor lighting to the needs of a space. Its modular design allows luminaires to be easily added, repositioned, or reconfigured as interiors evolve, making it ideal for modern homes, curated retail environments, hospitality venues, and commercial projects. Combining clean architectural lines with long-term flexibility, 48VDC track lighting provides a lighting solution that can adapt as spaces and requirements change.

48VDC Track Spotlight





SLTR0188
5W Ø26 Track Spotlight



SLTR0080
8W Ø40 Track Spotlight

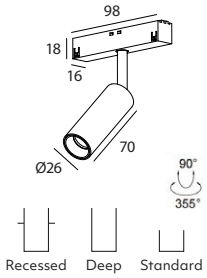


SLTR0140
10W Ø50 Track Spotlight

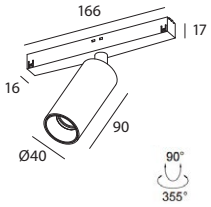
48VDC Track Spotlight

- illuminate with elegance and precision
- spot light luminaire
- mechanical locking mechanism
- 90° tilt
- 355° swivel
- IP20

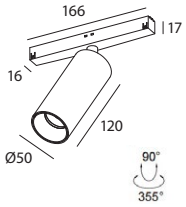
SLTR0188



SLTR0080



SLTR0140



Options

Beam angle



15° 24° 36°

CCT

2700K 3000K 4000K

Trim colour

Textured White RAL 9016

Textured Black B104

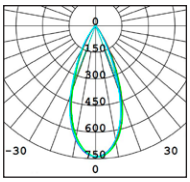
CRI

Professional series (P) CRI 92

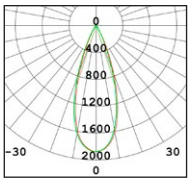
Product information

Product	Power (W)	Delivered lumens (lm)	UGR	LM80 (50,000hr)
SLTR0188	5	400	<23	L90B10
SLTR0080	8	730	<14	L90B10
SLTR0140	10	880	<14	L90B10

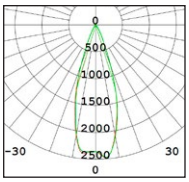
SLTR0188



SLTR0080



SLTR0140



SLTR0188



Tilt Angle 90° | Size 26x70mm | 355°

SLTR0080



Tilt Angle 90° | Size 40x90mm | 355°

SLTR0140



Tilt Angle 90° | Size 50x120mm | 355°

How to specify 48VDC Track Spotlight

Please confirm model option availability from our website. **Not every combination is compatible.**

e.g. code = SLTR0140-3630P-TW

Model	–	Beam	CCT	CRI	–	Trim Colour	Driver
SLTR0188 = 5W Spotlight SLTR0080 = 8W Spotlight SLTR0140 = 10W Spotlight		15 = 15° 24 = 24° 36 = 36°	27 = 2700K 30 = 3000K 40 = 4000K	P = 92-94		TW = Textured White TB = Textured Black	= Non-dimming D1 = DALI-2 or Casambi

Please see **www.switch-lighting.co.nz** for full specifications, lux levels, SDoCs, ies files and installation instructions.

Warranty 5yr Luminaire

L70 (50,000 h)

48 VDC

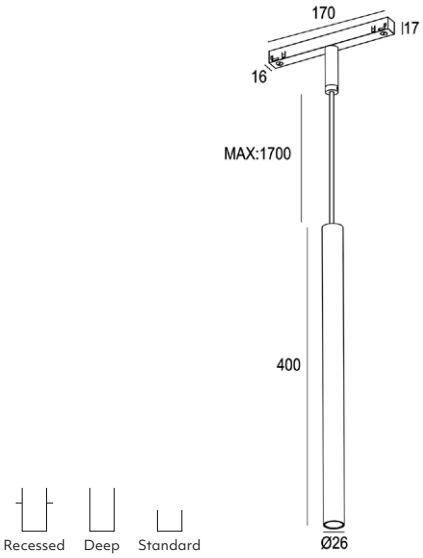
48VDC
Pendant Tube Track Light



SLTR0090
7W Ø26 Pendant Tube Track Light

48VDC Pendant Tube Track Light

- illuminate with elegance and precision
- 1x7W 48VDC
- Ø26mm
- mechanical locking mechanism
- IP20



Options

Beam angle

35° 50°

CCT

2700K 3000K

Trim colour

Textured White RAL 9016

Textured Black B104

CRI

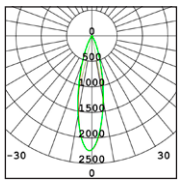
Professional series (P) CRI 92

Product information

Product	Power (W)	Delivered lumens (lm)	UGR	LM80 (50,000hr)
SLTR0090	7	587	<23	L90B10

Size Ø26x400mm

IP20



How to specify 48VDC Pendant Tube Track Light

Please confirm model option availability from our website. **Not every combination is compatible**.

e.g. code = SLTR0090-3530P-TW

Model	–	Beam	CCT	CRI	–	Trim Colour	Driver
SLTR0090		35 = 35° 50 = 50°	27 = 2700K 30 = 3000K	P = 92		TW = Textured White TB = Textured Black	= Non-dimming D1 = DALI-2 or Casambi

Please see **www.switch-lighting.co.nz** for full specifications, lux levels, SDoCs, ies files and installation instructions.

Warranty 5yr Luminaire

L70 (50,000 h)

48 VDC

48VDC Tear-drop Pendant Track Light

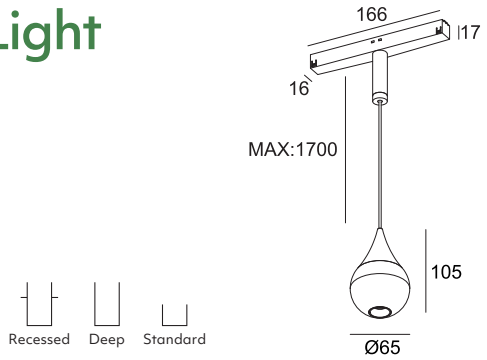




SLTR0212
8W Ø65 Tear-drop Pendant Track Light

48VDC Tear-drop Pendant Track Light

- illuminate with elegance and precision
- 1x8W 48VDC
- Ø65mm
- mechanical locking mechanism
- IP20
- feature lighting over bars, counters, tables

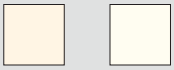


Options

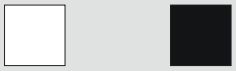
Beam angle



CCT



Trim colour



CRI

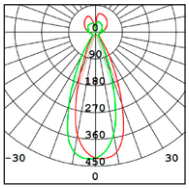
Professional series (P) CRI 92

Product information

Product	Power (W)	Delivered lumens (lm)	UGR	LM80 (50,000hr)
SLTR0212	8	587	<23	L90B10



Size
Ø65x105mm



How to specify 48VDC Teardrop Pendant Track Light

Please confirm model option availability from our website. **Not every combination is compatible**.

e.g. code = SLTR0212-3630P-TW

Model	–	Beam	CCT	CRI	–	Trim Colour
SLTR0212		15 = 15° 24 = 24° 36 = 36°	27 = 2700K 30 = 3000K	P = 92-94		TW = Textured White TB = Textured Black

Please see **www.switch-lighting.co.nz** for full specifications, lux levels, SDoCs, ies files and installation instructions.

Warranty
5yr
Luminaire

L70 (50,000 h)

48 VDC

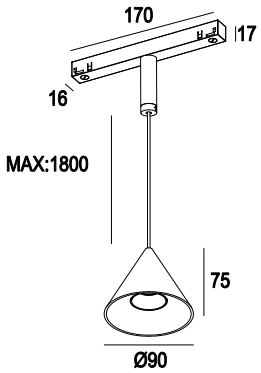
48VDC Cone Pendant Track Light

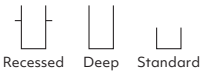


SLTR0203
8W Ø90 Cone Pendant Track Light

48VDC Cone Pendant Track Light

- illuminate with elegance and precision
- 1x8W 48VDC
- Ø90mm
- mechanical locking mechanism
- IP20
- feature lighting over bars, counters, tables





Options

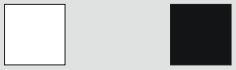
Beam angle



CCT



Trim colour



CRI

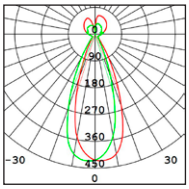
Professional series (P) CRI 92

Product information

Product	Power (W)	Delivered lumens (lm)	UGR	LM80 (50,000hr)
SLTR0203	8	536	<17	L90B10



Size
Ø90x75mm



How to specify 48VDC Cone Pendant Track Light

Please confirm model option availability from our website. **Not every combination is compatible**.

e.g. code = SLTR0203-5030P-TW

Model	–	Beam	CCT	CRI	–	Trim Colour
SLTR0203		15 = 15° 24 = 24° 36 = 36° 50 = 50°	27 = 2700K 30 = 3000K	P = 90-94		TW = Textured White TB = Textured Black

Please see **www.switch-lighting.co.nz** for full specifications, lux levels, SDoCs, ies files and installation instructions.

Warranty
5yr
Luminaire

L70 (50,000 h)

48 VDC

48VDC Adjustable Track Light

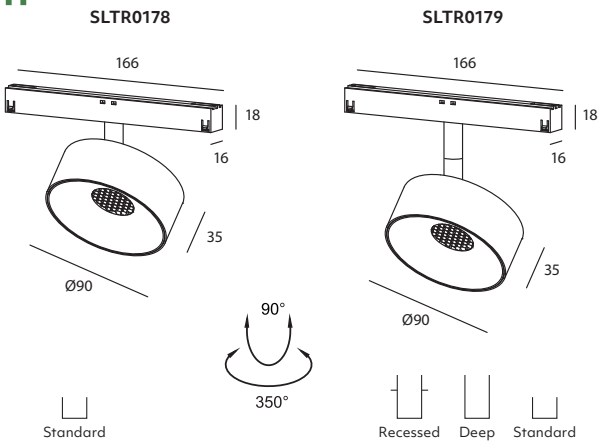


SLTR0178
15W Ø90 Adjustable Track Light

SLTR0179
15W Ø90 Adjustable Track Light

48VDC Adjustable Track Light

- illuminate with elegance and precision
- tilt 0-90º
- rotates 350º
- 1x15W 48VDC
- Ø90mm
- mechanical locking mechanism
- IP20



Options

Beam angle

36°

CCT

2700K 3000K

Trim colour

Textured White RAL 9016

Textured Black B104

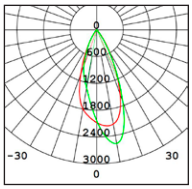
CRI

Professional series (P) CRI 92

Product information

Product	Power (W)	Delivered lumens (lm)	UGR	LM80 (50,000hr)
SLTR0178	15	960	<25	L90B10
SLTR0179	15	960	<25	L90B10

Tilt Angle 90° | Size Ø90x35mm | 350° | IP20



How to specify 48VDC Adjustable Track Light

Please confirm model option availability from our website. **Not every combination is compatible**.

e.g. code = SLTR0178-3630P-TW

Model	–	Beam	CCT	CRI	–	Trim Colour	Driver
SLTR0178 SLTR0179		36 = 36°	27 = 2700K 30 = 3000K	P = 92-94		TW = Textured White TB = Textured Black	= Non-dimming D1 = DALI-2 or Casambi

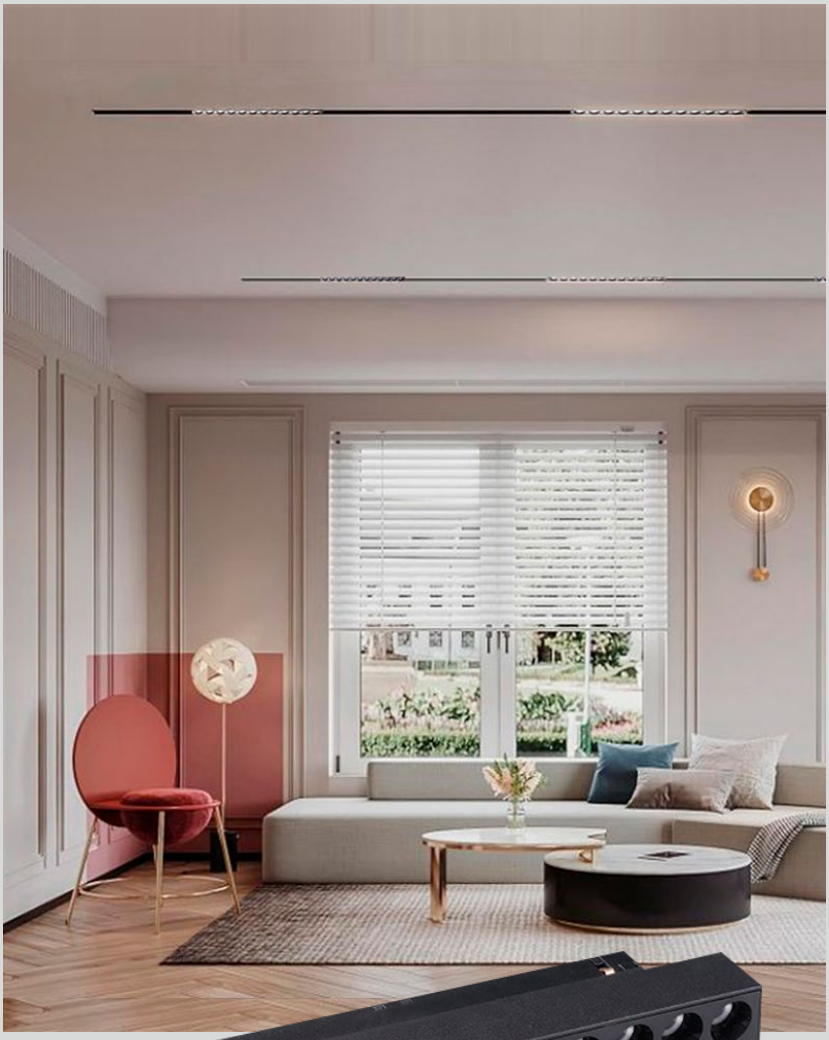
Please see **www.switch-lighting.co.nz** for full specifications, lux levels, SDoCs, ies files and installation instructions.

Warranty 5yr Luminaire

L70 (50,000 h)

48 VDC

48VDC Linear Track Light





SLTR0180
15W Linear Track Light
Round aperture

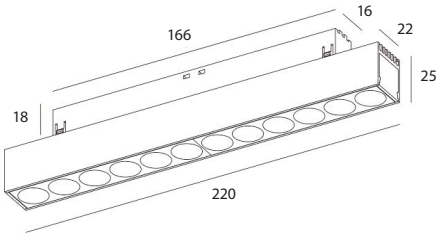


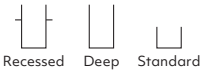
SLTR0181
15W Linear Track Light
Square aperture

48VDC Linear Track Light

- illuminate with elegance and precision
- 1x15W DC48V
- mechanical locking mechanism
- IP20
- use in deep recess track for clean flush look
- round or square aperture

SLTR0180 & SLTR0181





Options

Beam angle



24° 36°

CCT

2700K 3000K

Trim colour

Textured White RAL 9016

Textured Black B104

CRI

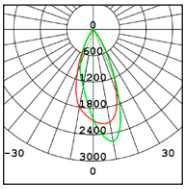
Professional series (P) CRI 92

Product information

Product	Power (W)	Delivered lumens (lm)	UGR	LM80 (50,000hr)	Dimming
SLTR0180	15	1180	<19	L90B10	No
SLTR0181	15	1180	<19	L90B10	Yes

Size 220x22 x25mm

IP20



How to specify 48VDC Linear Track Light

Please confirm model option availability from our website. **Not every combination is compatible.**

e.g. code = SLTR0180-3630P-TW

Model	Beam	CCT	CRI	Trim Colour	Driver
SLTR0180 SLTR0181	24 = 24° 36 = 36°	27 = 2700K 30 = 3000K	P = 90-94	TW = Textured White TB = Textured Black	= Non-dimming D1 = DALI-2 or Casambi (SLTR0181 only)

Please see **www.switch-lighting.co.nz** for full specifications, lux levels, SDoCs, ies files and installation instructions.

Warranty 5yr Luminaire

L70 (50,000 h)

48 VDC

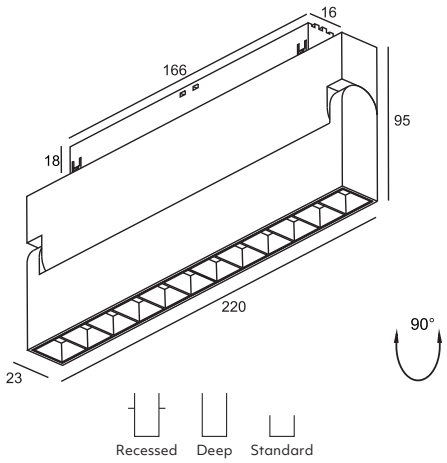
48VDC Adjustable Linear Light



SLTR0205
15W Adjustable Linear Light

48VDC Adjustable Linear Light

- illuminate with elegance and precision
- 1x15W DC48V
- mechanical locking mechanism
- IP20
- 90° swivel



Options

Beam angle

36°

CCT

2700K 3000K

Trim colour

Textured White RAL 9016

Textured Black B104

CRI

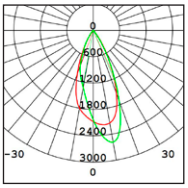
Professional series (P) CRI 92

Product information

Product	Power (W)	Delivered lumens (lm)	UGR	LM80 (50,000hr)
SLTR0205	15	1180	<19	L90B10

Size 220x23 x95mm

IP20



How to specify 48VDC Linear Track Light

Please confirm model option availability from our website. **Not every combination is compatible.**

e.g. code = SLTR0205-3630P-TWD1

Model	–	Beam	CCT	CRI	–	Trim Colour	Driver
SLTR0205	–	36 = 36°	27 = 2700K 30 = 3000K	P = 90-94	–	TW = Textured White TB = Textured Black	D1 = DALI-2 or Casambi

Please see **www.switch-lighting.co.nz** for full specifications, lux levels, SDoCs, ies files and installation instructions.

Warranty 5yr Luminaire

L70 (50,000 h)

48 VDC

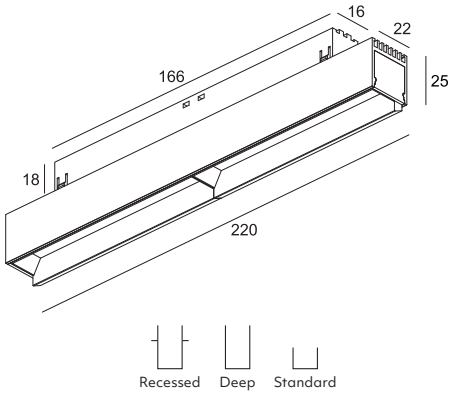
48VDC Linear Wallwasher



SLTR0207
15W Linear Wallwasher

48VDC Linear Wallwasher

- illuminate with elegance and precision
- wall washer
- 1x15W DC48V
- IP20
- use in deep recess track for clean flush look



Options

Beam angle

Wall washer

CCT

2700K 3000K

Trim colour

Textured White RAL 9016

Textured Black B104

CRI

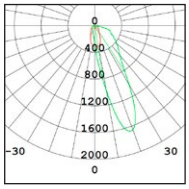
Professional series (P) CRI 92

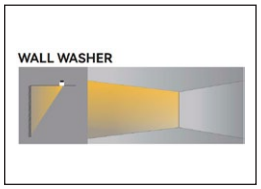
Product information

Product	Power (W)	Delivered lumens (lm)	UGR	LM80 (50,000hr)
SLTR0207	15	1180	<19	L90B10

Size 220x22 x25mm

IP20





How to specify 48VDC Linear Wallwasher

Please confirm model option availability from our website. **Not every combination is compatible**.

e.g. code = SLTR0207-W130P-TW

Model	–	Beam	CCT	CRI	–	Trim Colour
SLTR0207		W1 = Wallwasher	27 = 2700K 30 = 3000K	P = 90-94		TW = Textured White TB = Textured Black

Please see **www.switch-lighting.co.nz** for full specifications, lux levels, SDoCs, ies files and installation instructions.

Warranty 5yr Luminaire

L70 (50,000 h)

48 VDC

48VDC Linear Flood

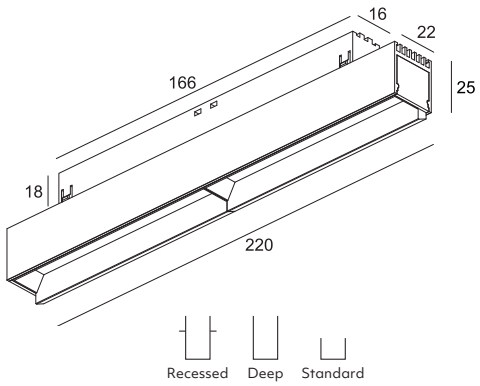




SLTR0208
15W Linear Flood

48VDC Linear Flood

- illuminate with elegance and precision
- 1x15W DC48V
- IP20
- use in deep recess track for clean flush look
- wide angle flood



Options

Beam angle

Flood

CCT

2700K 3000K

Trim colour

Textured White RAL 9016

Textured Black B104

CRI

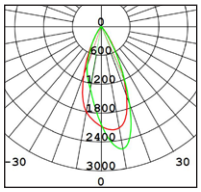
Professional series (P) CRI 92

Product information

Product	Power (W)	Delivered lumens (lm)	UGR	LM80 (50,000hr)
SLTR0208	15	1180	<19	L90B10

Size 220x22 x25mm

IP20



How to specify 48VDC Linear Wallwasher

Please confirm model option availability from our website. **Not every combination is compatible**.

e.g. code = SLTR0208-W130P-TW

Model	–	Beam	CCT	CRI	–	Trim Colour	Driver
SLTR0208		W1 = Flood	27 = 2700K 30 = 3000K	P = 90-94		TW = Textured White TB = Textured Black	= Non-dimming D1 = DALI-2 or Casambi

Please see **www.switch-lighting.co.nz** for full specifications, lux levels, SDoCs, ies files and installation instructions.

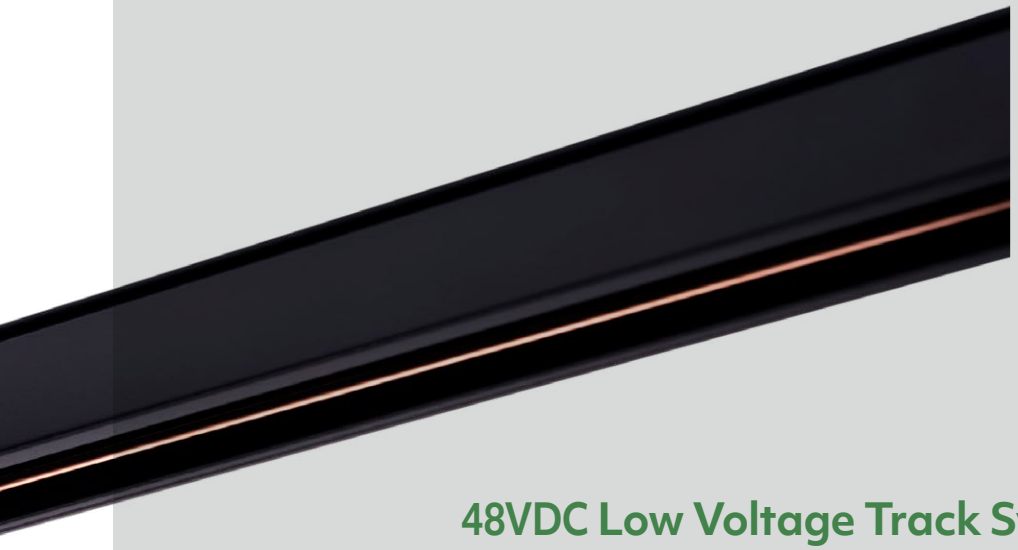
Warranty 5yr Luminaire

L70 (50,000 h)

48 VDC

48VDC Low Voltage Track System

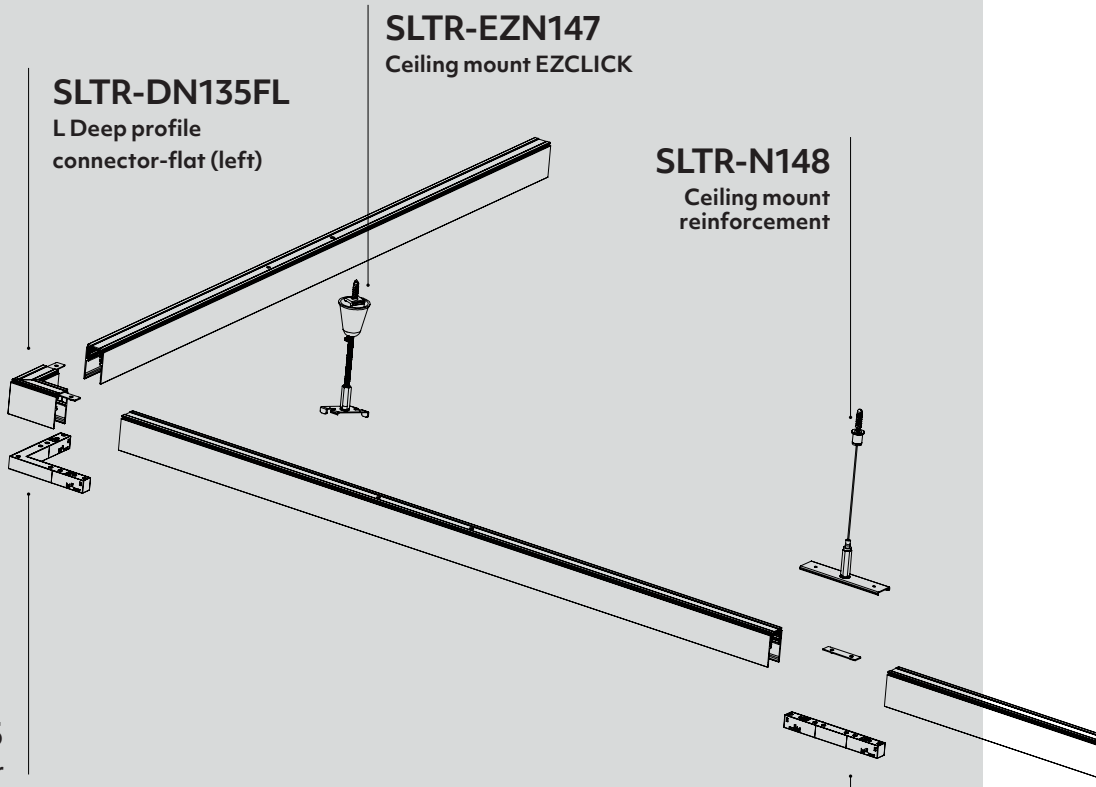




48VDC Low Voltage Track System

Switch Lighting's low-voltage 48V track system is a highly reliable solution designed to seamlessly combine lighting design, ease of installation, and user experience. The system features an innovative surface-contact connector using copper and wire, along with a mechanical buckle structure that reduces contact resistance to minimise line loss and voltage drop—common challenges in low-voltage track systems. To further enhance reliability, the track adapter incorporates a concealed copper design, ensuring smooth and consistent switching unlike conventional exposed adapters. The range is complemented by the new Press & Lock track adapter, offering flexible installation options including surface-mounted, suspended, or recessed applications without the need for a bridge frame—ideal for simple, streamlined indoor lighting solutions.

48VDC Low voltage track diagram



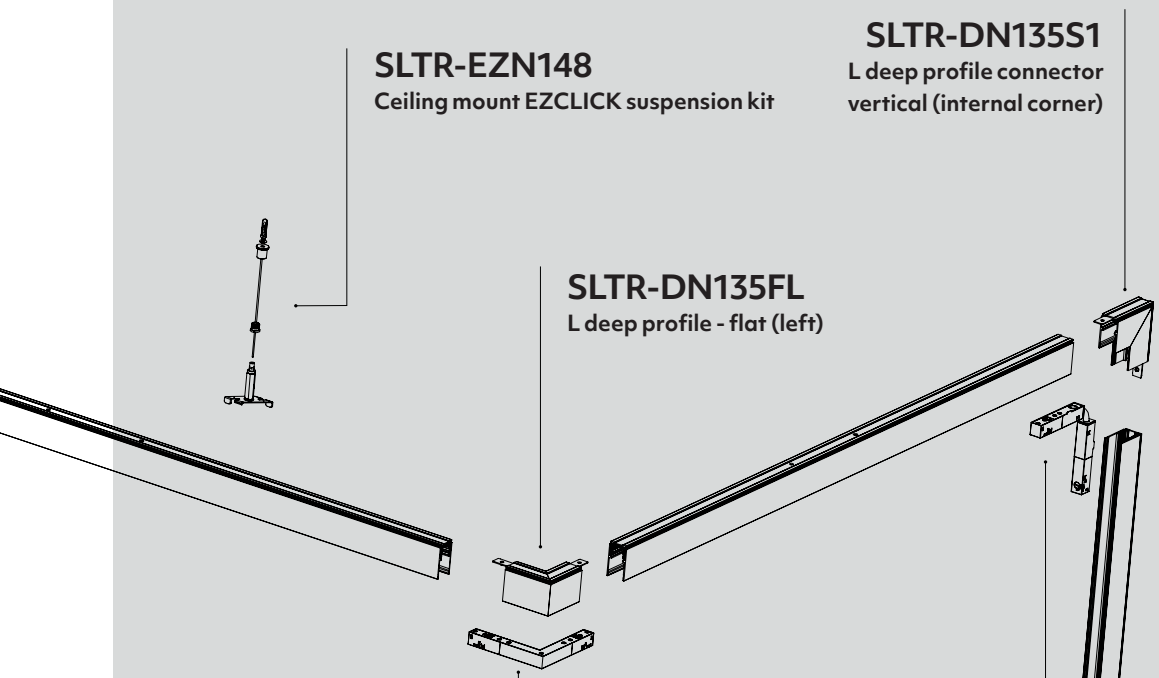
SLTR-EZN147
Ceiling mount EZCLICK

SLTR-DN135FL
L Deep profile connector-flat (left)

SLTR-N148
Ceiling mount reinforcement

SLTR-N135
L connector

SLTR-N133
I connector



SLTR-EZN148
Ceiling mount EZCLICK suspension kit

SLTR-DN135S1
L deep profile connector vertical (internal corner)

SLTR-DN135FL
L deep profile - flat (left)

SLTR-N139
Flexible connector

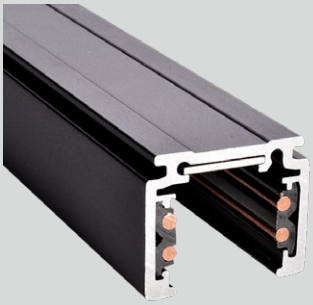
SLTR-N135
L connector

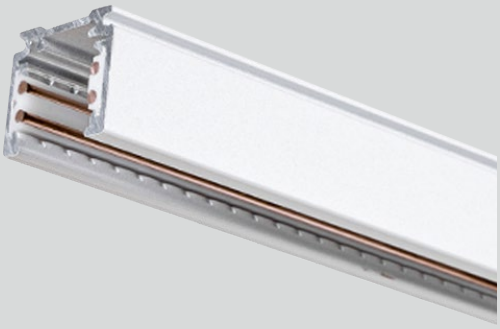
SLTR-N131L
Live-end connector (left)

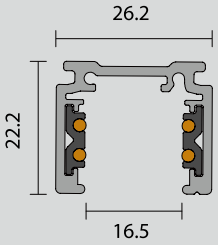
SLTR-N132
Deep profile end cap

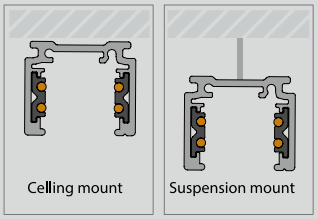
48VDC standard track

Standard

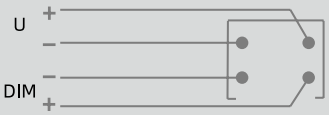




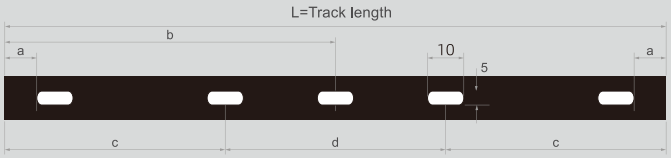


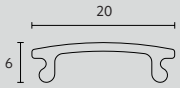


48V 16A Max.+signal connection



L/mm	a/mm	b/mm	c/mm	d/mm	F Max./N
1000	55				50
2000	55	1000			75
3000	120		1040	920	100
4000	120	2000	1040	1920	125



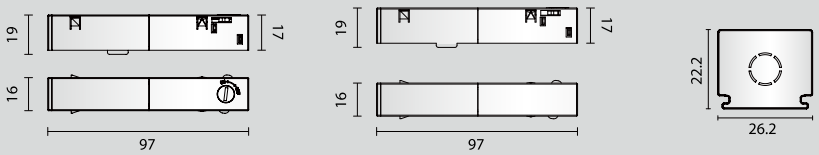


Model No.	Track length (mm)	Profile material	Colour	Cover strip (order separately)
SLTR-N110-B	1000	Aluminium extrusion	Black	SLTR-CSN10-B
SLTR-N110-W	1000	Aluminium extrusion	White	SLTR-CSN10-W
SLTR-N120-B	2000	Aluminium extrusion	Black	SLTR-CSN20-B
SLTR-N120-W	2000	Aluminium extrusion	White	SLTR-CSN20-W
SLTR-N130-B	3000	Aluminium extrusion	Black	SLTR-CSN30-B
SLTR-N130-W	3000	Aluminium extrusion	White	SLTR-CSN30-W

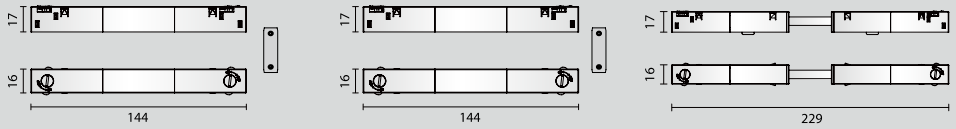
48VDC standard track

Standard

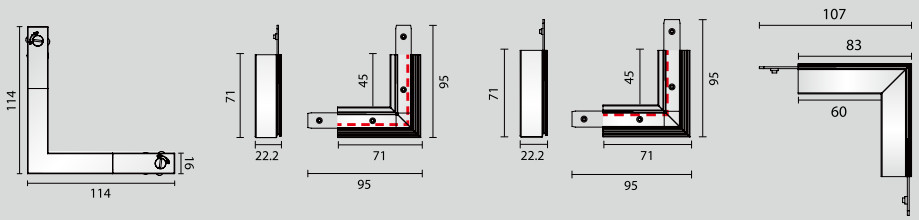
- live end connector connects 48VDC power supply to track
- other connectors connect track to track
- refer schematic on page 26-27 for examples



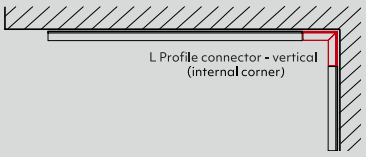
Live-end connector (left)	Live-end connector (right)	End cap	Colour
SLTR-N131L-B	SLTR-N131R-B	SLTR-N132-B	Black
SLTR-N131L-W	SLTR-N131R-W	SLTR-N132-W	White



I connector - powered	I connector (insulated) - non-powered	Flexible connector	Colour
SLTR-N133-B	SLTR-N133A-B	SLTR-N139-B	Black
SLTR-N133-W	SLTR-N133A-W	SLTR-N139-W	White

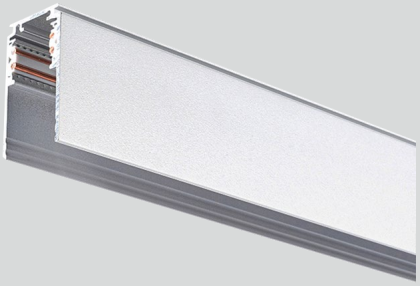


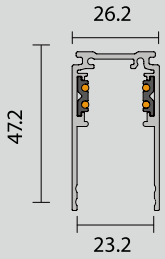
L connector - powered	L profile connector flat (left)	L profile connector flat (right)	L profile connector vertical (internal corner)	Colour
SLTR-N135-B	SLTR-N135FL-B	SLTR-N135FR-B	SLTR-N135S1-B	Black
SLTR-N135-W	SLTR-N135FL-W	SLTR-N135FR-W	SLTR-N135S1-W	White

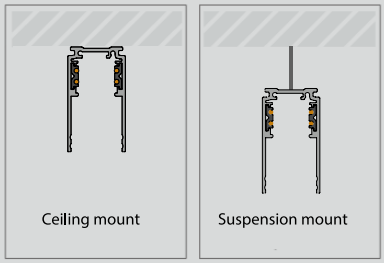


48VDC deep profile track

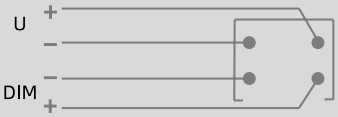
Deep



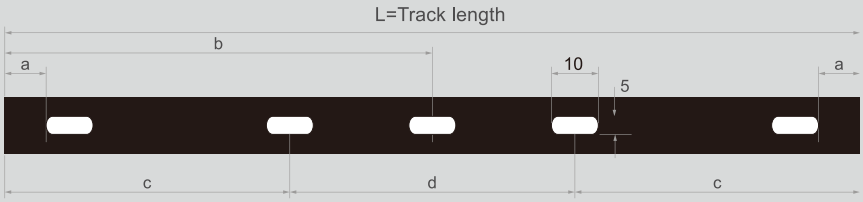




48V 16A Max.+signal connection



L/mm	a/mm	b/mm	c/mm	d/mm	F Max/N
1000	55				50
2000	55	1000			75
3000	120		1040	1920	100

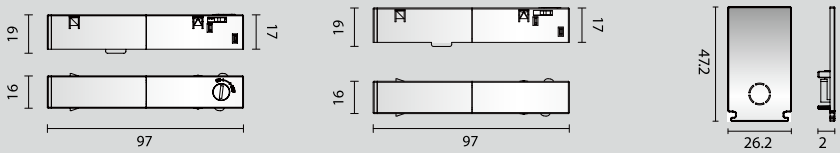


Model No.	Track length (mm)	Profile material	Colour
SLTR-DN110-B	1000	Aluminium extrusion	Black
SLTR-DN110-W	1000	Aluminium extrusion	White
SLTR-DN120-B	2000	Aluminium extrusion	Black
SLTR-DN120-W	2000	Aluminium extrusion	White
SLTR-DN130-B	3000	Aluminium extrusion	Black
SLTR-DN130-W	3000	Aluminium extrusion	White

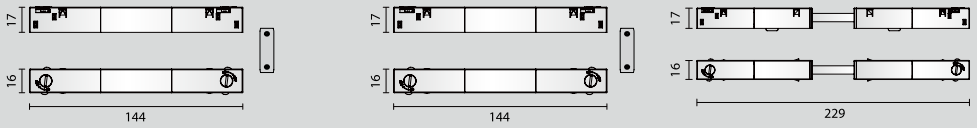
NOTE: track comes with cover strip

48VDC deep profile track

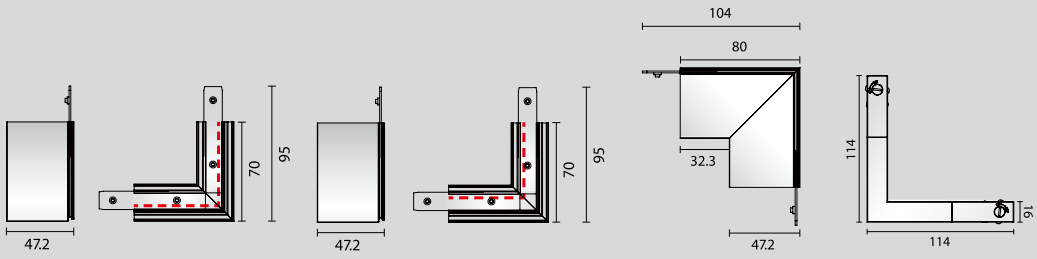
Deep



Live-end connector (left)	Live-end connector (right)	Deep profile end cap	Colour
SLTR-N131L-B	SLTR-N131R-B	SLTR-DN132-B	Black
SLTR-N131L-W	SLTR-N131R-W	SLTR-DN132-W	White



I connector - powered	I connector (insulated) - non-powered	Flexible connector	Colour
SLTR-N133-B	SLTR-DN133A-B	SLTR-N139-B	Black
SLTR-N133-W	SLTR-DN133A-W	SLTR-N139-W	White

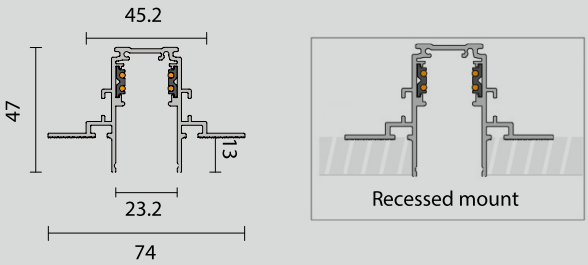


L Deep profile connector flat (left)	L Deep profile connector flat (right)	L Deep profile connector vertical	L connector - powered	Colour
SLTR-DN135FL-B	SLTR-DN135FR-B	SLTR-DN135S1-B	SLTR-N135-B	Black
SLTR-DN135FL-W	SLTR-DN135FR-W	SLTR-DN135S1-W	SLTR-N135-W	White

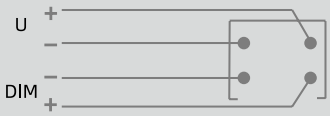
48VDC recessed track (installation prior)

Recessed





48V 16A Max.+signal connection

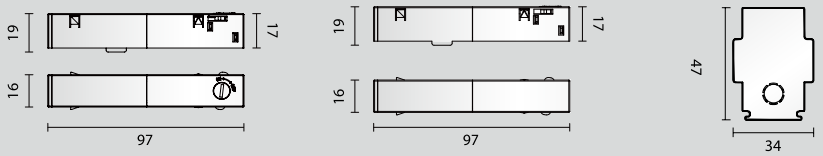


Model No.	Track length (mm)	Profile material	Colour
SLTR-RN110-B	1000	Aluminium extrusion	Black
SLTR-RN110-W	1000	Aluminium extrusion	White
SLTR-RN120-B	2000	Aluminium extrusion	Black
SLTR-RN120-W	2000	Aluminium extrusion	White
SLTR-RN130-B	3000	Aluminium extrusion	Black
SLTR-RN130-W	3000	Aluminium extrusion	White

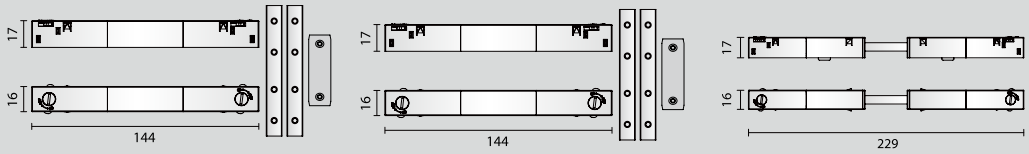
NOTE: track comes with cover strip

48VDC recessed track connector (installation prior)

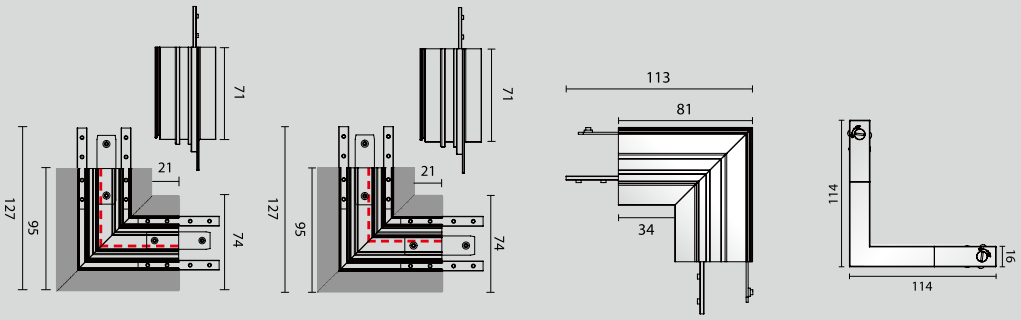
Recessed



Live-end connector (left)	Live-end connector (right)	Recessed end cap	Colour
SLTR-N131L-B	SLTR-N131R-B	SLTR-RN132-B	Black
SLTR-N131L-W	SLTR-N131R-W	SLTR-RN132-W	White



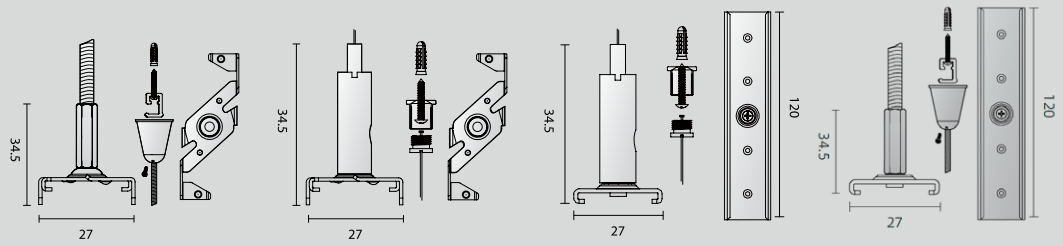
I connector - powered	I connector (insulated) - non-powered	Flexible connector	Colour
SLTR-RN133-B	SLTR-RN133A-B	SLTR-N139-B	Black
SLTR-RN133-W	SLTR-RN133A-W	SLTR-N139-W	White



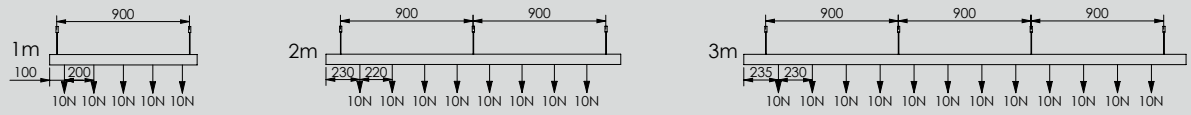
L recessed profile connector flat (left)	L recessed profile connector flat (right)	L recessed profile connector vertical (internal corner)	L connector - powered	Colour
SLTR-RN135FL-B	SLTR-RN135FR-B	SLTR-RN135S1-B	SLTR-N135-B	Black
SLTR-RN135FL-W	SLTR-RN135FR-W	SLTR-RN135S1-W	SLTR-N135-W	White

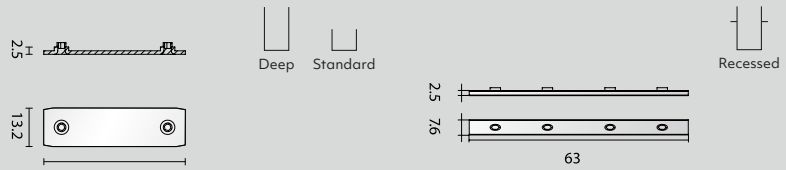
Accessories
Suspension kits – for 48VDC low voltage

Deep Standard



Ceiling mount, EZCLICK suspension kit with 1m rod	Ceiling mount, EZCLICK suspension kit with 3m wire	Ceiling mount reinforcement kit with 1.5m wire	Ceiling mount reinforcement kit with rod	Colour
SLTR-EZN147-B	SLTR-EZN148-B	SLTR-N148-B	SLTR-N147-B	Black
SLTR-EZN147-W	SLTR-EZN148-W	SLTR-N148-W	SLTR-N147-W	White

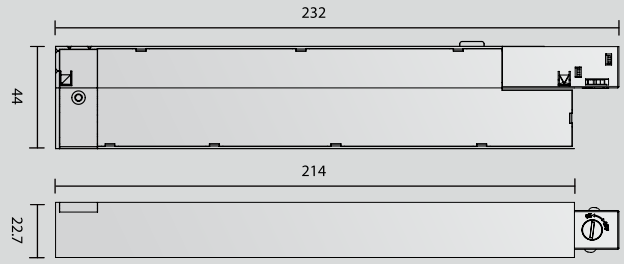




Reinforcement kit for surface mounted track straight connection	Reinforcement plate for recessed track straight connection
SLTR-NC01	SLTR-RNC01



Driver
48VDC track





- input voltage: 200-240VAC
- output 200W 48VDC
- non-dimming
- black or white
- flush mount in deep track

Product information

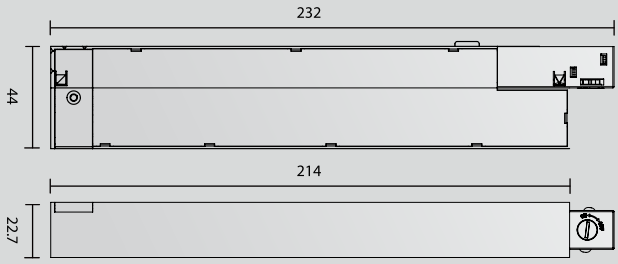
Model	PRO-PS200W-B | PRO-PS200W-W
Nominal voltage	220-240VAC
Nominal current	1300mA Max @ full load, 230VAC
THD	< 10% @ full load, 230VAC 50/60Hz
Power factor	> 0.95 @ full load, 230VAC 50/60Hz
Efficiency	94% @ full load 230VAC
In-rush current	<60A (test width=250us@AC230V @ 50% peak
Output voltage	48VDC±5%
Output current	4170mA Max ±5% @ 220-240VAC
Power	200W@220-240VAC
Standards	EMC: EN61347-2-13 EN55015
Ta / Tc	-20...35°C / 80°C
Surge	L/N | 1 Kv LN/PE 2 Kv, acc to EN61547 Clause 5.7
Protection	Short circuit, open circuit, overvoltage
Lifetime	50,000 hours @ Tc 80° C
Dimming condition	N /A

Maximum luminaire quantity – non-dimming drivers

Luminaire power	200W driver	150W driver	100W driver
5W	34 pieces	25 pieces	17 pieces
7W	24 pieces	18 pieces	12 pieces
8W	21 pieces	15 pieces	10 pieces
10W	17 pieces	12 pieces	8 pieces
15W	11 pieces	8 pieces	5 pieces

Dimming driver
48VDC track





- input voltage: 200-240VAC
- built-in Casambi wireless to DALI control chip & 16V 50mA DALI power supply
- output 200W 48VDC@220-240VAC
- dimming via Casambi or DALI 2
- black or white
- flush mount in deep track
- control up to 8 individual luminaires

CASAMBI

Product information

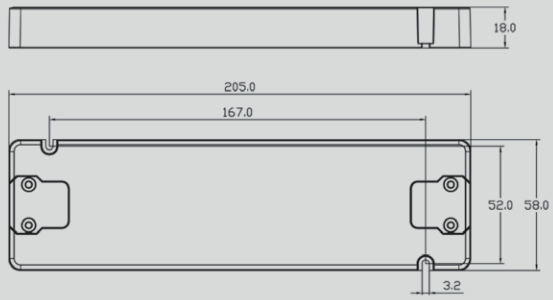
Model	PRO-PS200WB-B | PRO-PS200WB-W
Nominal voltage	220-240VAC
Nominal current	1300mA Max @ full load, 230VAC
THD	< 10% @ full load, 230VAC 50/60Hz
Power factor	> 0.95 @ full load, 230VAC 50/60Hz
Efficiency	94% @ full load 230VAC
In-rush current	<60A (test width=250us@AC230V @ 50% peak
Voltage	48VDC±5%
Current	4170mA Max ±5% @ 220-240VAC
Power	200W@220-240VAC
Standards	EMC: EN61347-2-13 EN55015
Ta / Tc	-20...35°C / 80°C
Surge	L/N | 1 Kv LN/PE 2 Kv, acc to EN61547 Clause 5.7
Protection	Short circuit, open circuit, overvoltage
Lifetime	50,000 hours @ Tc 80° C
Dimming condition	Casambi to DALI dimming control conversion

The maximum quantity of DALI lights that can be carried is 8 pieces. in actual use, the power redundancy of the driver should be considered.
NOTE: the final quantity of lights is calculated:

Example: when the input voltage is 220-240V, the maximum output power is 200W which is calculated at 85% design redundancy.

1. All DALI lamps power is 6W, Min (200W*0.85/6W=28, 8), – Max quantity of carrying lights is 8 pieces
2. All DALI lamps power is 22W, Min (200W*0.85/22W=7, 8), – Max quantity of carrying lights is 7 pieces

Driver
48VDC track





- constant voltage
- flicker free
- captured terminal screws
- open circuit, short circuit, overload, over temp
- SELV equivalent
- IP20
- non-dimming
- remote mount driver, use live end on track

Product information

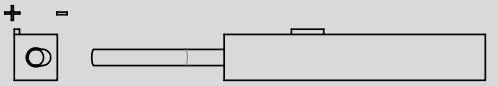
Model	UT-100-48	UT-150-48
Nominal voltage	220-240V	220-240V
Nominal current	0.55A	0.90A
Output voltage	48V	48V
Output current	0-2.08A	0-2.08A
THD	< 10% @ full load	< 10% @ full load
Power factor	> 0.95 @ full load	> 0.95 @ full load
Max output	100W@220-240V	150W@220-240V
Efficiency	91% @ full load	91% @ full load
In-rush current	Cold start@230V: 50A/200us	Cold start@230V: 60A/400us
Standards	EN61347-1, EN61347-2-13, EN60335, EN62384, EN55015, EN61000-3-2, EN61547	EN61347-1, EN61347-2-13, EN60335, EN62384, EN55015, EN61000-3-2, EN61547
Ta / Tc	-20...+45°C / 90°C	-20...+45°C / 90°C
Surge protection	L/N	2 Kv LN/PE 2 Kv	L/N	2 Kv LN/PE 2 Kv
Lifetime	50,000 hours @ Tc 80° C	50,000 hours @ Tc 80° C
Dimming condition	N /A	N /A

Maximum luminaire quantity – non-dimming drivers

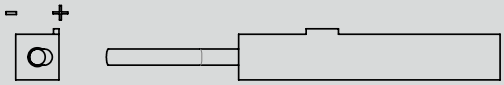
Luminaire power	200W driver	150W driver	100W driver
5W	34 pieces	25 pieces	17 pieces
7W	24 pieces	18 pieces	12 pieces
8W	21 pieces	15 pieces	10 pieces
10W	17 pieces	12 pieces	8 pieces
15W	11 pieces	8 pieces	5 pieces

Component Key

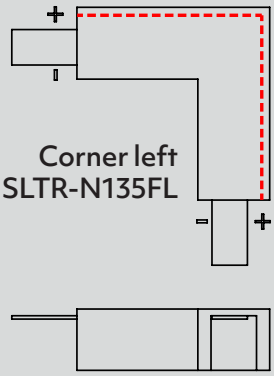
Live end left
SLTR-N131L

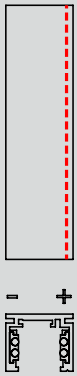


Live end right
SLTR-N131R

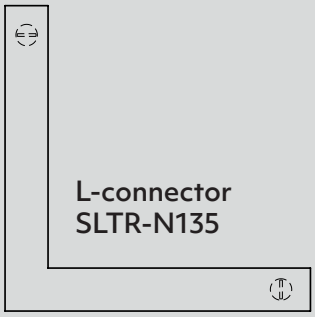


Corner left
SLTR-N135FL

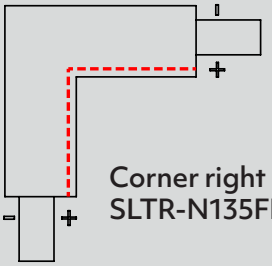




Track section
SLTR-N120



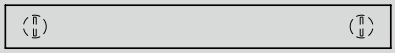
L-connector
SLTR-N135



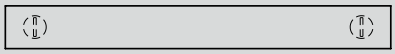
Corner right
SLTR-N135FR



Track joiner - powered
SLTR-N133



Track joiner - non-powered
SLTR-N133A



For deep track add a 'D' after the dash in the code (eg SLTR-DN-120)
For recessed track add an 'R' after the dash in the code (eg SLTR-RN135FL)

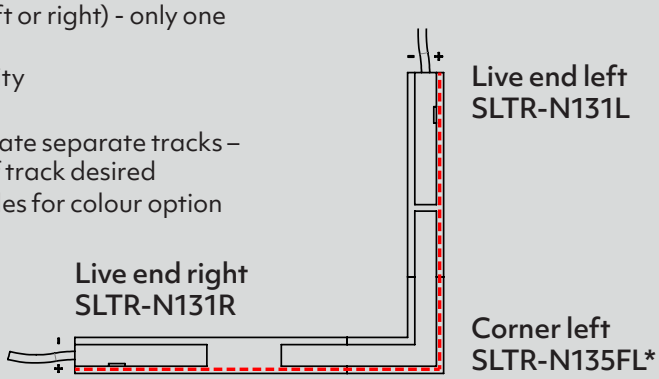
Notes:

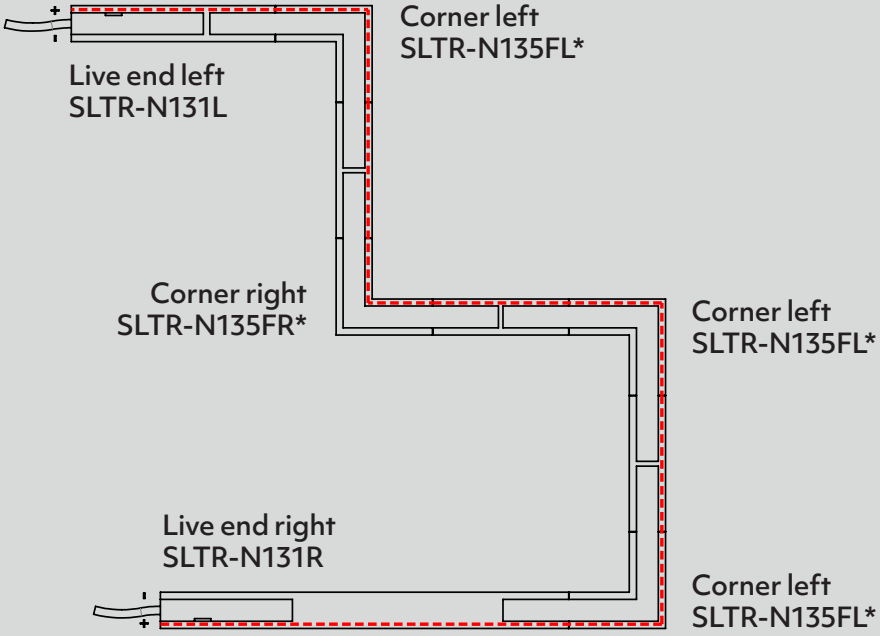
1. track sections can be cut to length on site
2. data / control line connects through track and joiners
3. ensure correct orientation of live ends (left or right)
4. corner joiners maintain electrical continuity
5. drawings are indicative - not to scale
6. every corner must contain a powered L-connector SLTR-N135

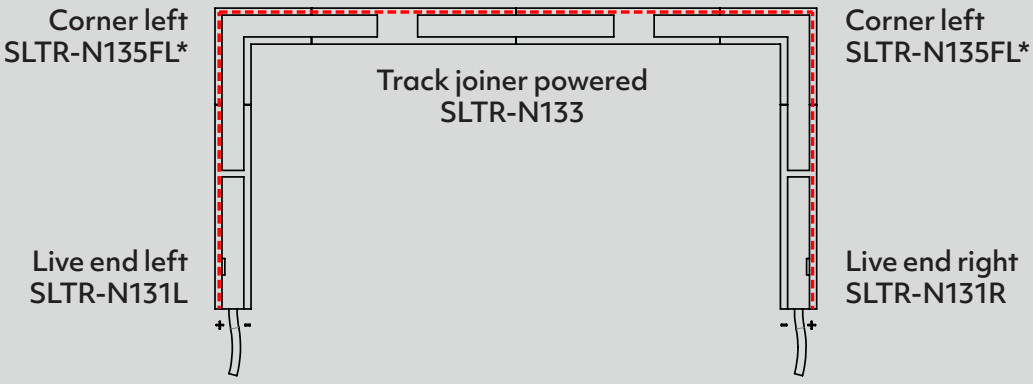
Configurations

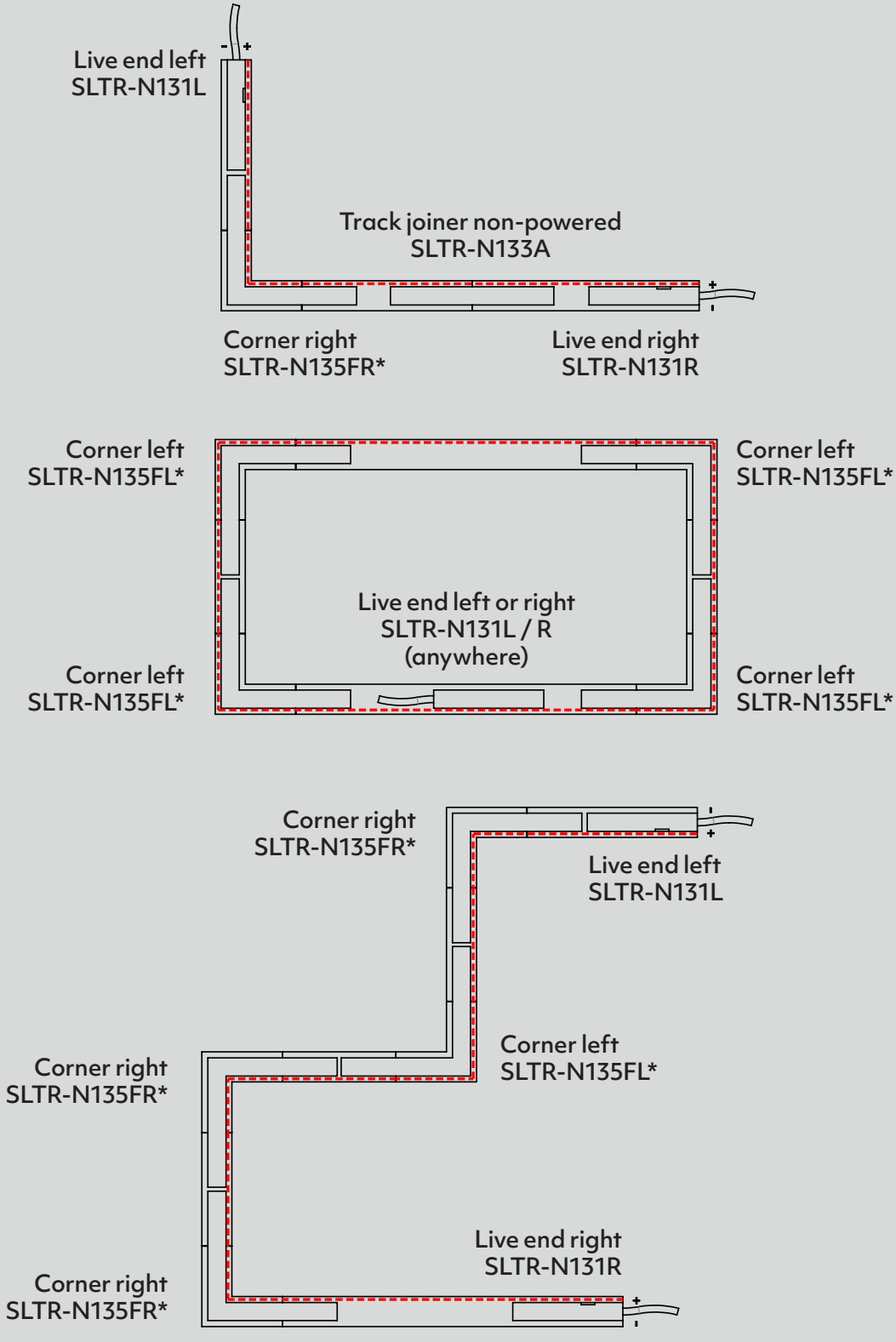
Notes:

1. **all views are plan, viewed from above**
2. every corner must contain a powered L-connector SLTR-N135*
3. track sections can be cut to length on site
4. data / control line connects through track and joiners
5. ensure correct orientation of live ends (left or right) - only one required per live section
6. corner joiners maintain electrical continuity
7. drawings are indicative - not to scale
8. use non-powered (insulated) joiner to create separate tracks – use live ends to connect power to parts of track desired
9. add -W (white) or -B (black) to end of codes for colour option








Live end left
SLTR-N131L
Track joiner non-powered
SLTR-N133A
Corner right
SLTR-N135FR*
Live end right
SLTR-N131R
Corner left
SLTR-N135FL*
Corner left
SLTR-N135FL*
Live end left or right
SLTR-N131L / R
(anywhere)
Corner left
SLTR-N135FL*
Corner left
SLTR-N135FL*
Corner right
SLTR-N135FR*
Live end left
SLTR-N131L
Corner left
SLTR-N135FL*
Corner right
SLTR-N135FR*
Live end right
SLTR-N131R
Corner right
SLTR-N135FR*

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Please note: information is correct at time of publication.