BRIGHTLIGHT

2023

LINEAR
SOLUTIONS

COVER IMAGE

This impressive school-fitout project featured both square and rectangle lighting, custom-built using our popular Highline 05 100mm luminaire.

Custom powder-coating provided a unique and eye-catching result. Bespoke shapes such as these are available as custom builds.

Visit our website for more information.

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Actual product characteristics may vary. Bright Light reserves the right to improve, modify, or update the product designs without prior notice.

SERVICES

LIGHTING DESIGN

Bright Light has a design service that offers lighting calculations referring to industry standards and based on your lighting requirements. The resulting reports include technical information, basic 3D visualization, illuminance or luminance levels and lighting quality.

We use 3D Simulation as a great tool for showcasing the lighting effects - an important tool for decision making! Through the rendering process, fast and photometrically accurate colour images are generated to clearly communicate the behaviours of lighting within an environment.

Get in touch with us to discuss your next project.

PHOTOMETRICS

Photometric data is fundamental to understand the performance and behaviour of luminaires. Macarena is our gonio-photometer machine, residing in Bright Light's testing lab which allows us to measure the entire 3D distribution field for any light source. She can also read the lumen output, luminous efficacy (lm/W), colour temperature (CCT), colour rendering index (CRI), flicker value and other spectra information of luminaires.

Using a spectrometer sensor and a built-in power analyser, Macarena measures and integrates all this data into LDT and IES photometric files, used by lighting designers, as well as comprehensive PDF reports.

Macarena is key for our product development process and custom projects, allowing us to understand how the luminaire design impacts the light performance and helping us achieve our customer's needs.

WORKSHOP SERVICES

We have a well-equipped workshop that can provide product preparation, product customisation, and in-depth technical support. Our workshop can:

- Prepare linear LED to length and add tails
- Create corner connections and extensions
- Prepare IP66 connections for IP66 COB LED ribbon strip
- Cut aluminium LED Profiles to length, including mitre cuts
- Mount linear LED ribbon to aluminium LED Profiles

Bright Light also has a comprehensive Research and Development lab with experienced in-house technicians who can provide solutions and technical support for many of your LED light installations

- LED and control system specification advice including wiring diagrams
- Specify cable sizes required depending on voltage drop within an installation
- Troubleshooting advice and solutions
- Warranty repairs
- Product testing

We also have a dedicated production line for Linear Profile products.

LED & LIGHT

COLOUR RENDERING INDEX (CRI)

Colour Rendering Index, or CRI, is a term used to describe the measure of how well light sources render the colour of the objects they illuminate. The CRI of a light source is calculated by comparing the appearance of eight reference colours (R1 to R8) under the light source in question with a reference light source (incandescent light or sun light). The smaller the difference between the reference colours when viewed under the two light sources, the higher the R value will be. The first eight R values are then averaged, and the resulting number is the CRI value.

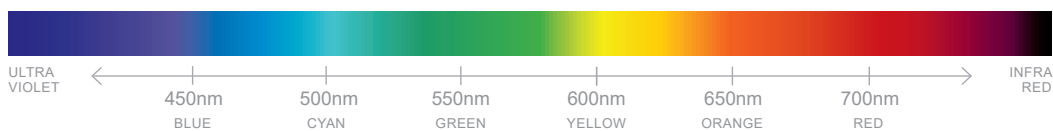| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |

CRI

COLOUR TEMPERATURE

Correlated Colour Temperature, or CCT, refers to the colour appearance of white LEDs and is measured in Kelvins (K). Warmer temperatures create a cosy feel, cooler temperatures a more alert space. 4000–4500K provides a natural white, simulating daylight and balancing eye comfort with good task lighting.

| WARM | NATURAL | COOL |

3000K   4000K   5000K   6000K

VISIBLE SPECTRUM

The visible spectrum is the portion of the electromagnetic spectrum that is visible to the human eye and is measured in nanometres (nm).

ULTRA VIOLET | 450nm | 500nm | 550nm | 600nm | 650nm | 700nm | INFRA RED

BLUE   CYAN   GREEN   YELLOW   ORANGE   RED

INGRESS PROTECTION (IP) RATING INDEX

0	No protection	0	No protection
1	Protected against solid objects >50mm *(e.g. hands)*	1	Protected against vertically falling drops of water
2	Protected against solid objects >12mm *(e.g. fingers)*	2	Protected against drops of water falling from up to 15°
3	Protected against solid objects >2.5mm *(e.g. tools)*	3	Protected against drops of water falling from up to 60°
4	Protected against solid objects >1mm *(e.g. wires)*	4	Protected against sprays from all directions
5	Protected against dust *(limited ingress)*	5	Protected against jets of water from all directions
6	Totally protected against dust	6	Protected against strong jets of water from all directions
		7	Protected against immersion from 15cm–1m for 30 min.
		8	Protected for long periods of immersion under pressure

SPLASHBACK LIGHTING + ISLAND BENCH HIGHLINE 05 100MM LUMINAIRE
ŌRĀKEI, AUCKLAND

LINEAR LED

LED RIBBON QUICK REFERENCE

	WATTS (W/m)	LUMENS* (lm/m)	COLOUR TEMPS	CUTTING LENGTH	MAX. RUN (per power feed)	INGRESS PROTECTION	WIDTH (including any required connectors)
WHITE	4	460	3000K, 4000K, 5000K	50mm	15m	INTERIOR IP20	10mm
	6	649	3000K, 4000K	16.66mm	5m	INTERIOR IP20	10mm
		649	3000K, 4000K	16.66mm	5m	EXTERIOR IP66	12.5mm
		700	2700K, 3000K, 4000K	55.58mm	15m	IP20 / IP65	12mm
	9	875	3000K, 4000K	16.66mm	5m	INTERIOR IP20	10mm
		875	3000K, 4000K	16.66mm	5m	EXTERIOR IP66	12.5mm
		827	3000K, 4000K, 5000K	50mm	12m	INTERIOR IP20	10mm
	12	1145	3000K, 4000K	15.62mm	5m	INTERIOR IP20	10mm
		1145	3000K, 4000K	15.62mm	5m	EXTERIOR IP66	12.5mm
		1450	2700K, 3000K, 4000K	55.58mm	12m	IP20 / IP65	12mm
	13	1160	3000K, 4000K	50mm	10m	INTERIOR IP20	10mm
	17	1731	3000K, 4000K	50mm	5m	INTERIOR IP20	10mm
	18	2150	2700K, 3000K, 4000K	55.58mm	10m	IP20 / IP65	12mm
		2600	2700K, 3000K, 4000K	50mm	6m	INTERIOR IP20	10mm
	30	3350	2700K, 3000K, 4000K	50mm	10m	INTERIOR IP20	12mm
COLOUR CHANGING	12	-	RGB	50mm	10m	EXTERIOR IP66	12mm
	15	-	RGB	25mm	5m	INTERIOR IP20	12mm
		-	RGB	25mm	5m	EXTERIOR IP66	15mm
	16	344 (white only)	RGBW	25mm	5m	INTERIOR IP20	15mm
		344 (white only)	RGBW	50mm	5m	EXTERIOR IP66	17mm
	22	2090	Tuneable White	26.3mm	5m	INTERIOR IP20	10mm
	24	1080 (white only)	RGBW	50mm	5m	INTERIOR IP20	12mm
ENCAPSULATED	7.2	580	3000K, 4000K	50mm	10m	EXTERIOR IP66	14mm
	7.2	250	3000K, 4000K	50mm	15m	EXTERIOR IP66	8mm
		35	Blue				
	7.2	450	3000K, 4000K	41.66mm	5m	EXTERIOR IP66	17mm
12V	6	683	3000K, 4000K	25mm	5m	IP66	12.5mm
	6	114	Blue	25mm	5m	IP66	12.5mm

*Lumens based off 4000K value (excludes coloured ribbon)

COB

The latest leading-edge technology, COB 'Chip on Board' LED ribbon uses small LED chips mounted directly onto a PCB with a single line of phosphor to provide dot-free continuous illumination.

CRI >90, and available in IP20 interior & IP66 exterior options and in wattages of 6, 9 and 12W/m. There are also options available for Tuneable White, RGB & RGBW.

STANDARD

Our original range of interior LED ribbon in 4, 9, 13, 17 & 18W/m with various lumen packages and colour temperatures for a wide range of interior residential and commercial projects.

PROSERIES

*PRO*SERIES

ProSeries is a professional linear LED product for architectural and commercial lighting projects. Made for high-performance, ProSeries is available in 6, 12, 18, & 30 Watts offering a range of lumen packages perfect for any lighting application.

The superior quality of ProSeries all starts with the chip. Using a high CRI Edison Opto LED with a 2-step MacAdam ellipse, & from a single bin ensures greater colour consistency & brilliant results.

CRI ≥95 | R9 80+ | 2-step MacAdam | ONE BIN ONLY | .IES FILES

ENCAPSULATED

A durable, fully enclosed IP66 product that meets the requirements of exterior projects. CRI >80, and available in 3000K warm white or 4000K natural white, as well as the RGB curve model.

Models bend horizontally, vertically or in both directions, providing a variety of lighting options for greater flexibility in design.

SPLASHBACK LIGHTING + ISLAND BENCH HIGHLINE 05 100MM LUMINAIRE
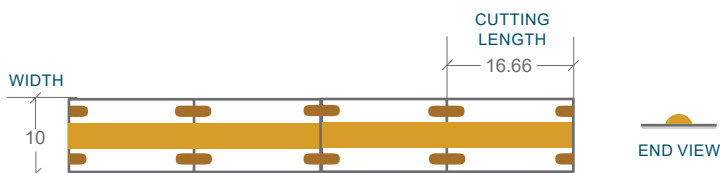*ŌRĀKEI, AUCKLAND*

6W/M COB RIBBON

INTERIOR

COLOUR	CODE	INGRESS PROTECTION	LUMENS	EFFICACY
3000K WARM WHITE	BL-LS-COB6-WW		563lm/m	94lm/W
4000K NATURAL WHITE	BL-LS-COB6-NW	IP20 General interior use	649lm/m	108lm/W

COLOUR VARIANCE +/- 200K
ELECTRICAL & OPTICAL DATA VARIANCE +/- 10%
SOLD BY THE METRE

LED WATTS	6W/m		CRI	≥90	MOUNTING	3M adhesive backing *A Bright Light approved aluminium profile is required for thermal management*
INPUT VOLTS	24V DC constant voltage		NUMBER OF CHIPS	480 LED/m		
OPERATING TEMP.	-25°C ~ +50°C		BEAM ANGLE	180°	CONTROL	Dimmable by PWM signal
MAX. RUN PER POWER FEED	5 metres		SOURCE LIFE	50,000 hours		
			WARRANTY	3 years		

CUTTING LENGTH
16.66

WIDTH
10

END VIEW

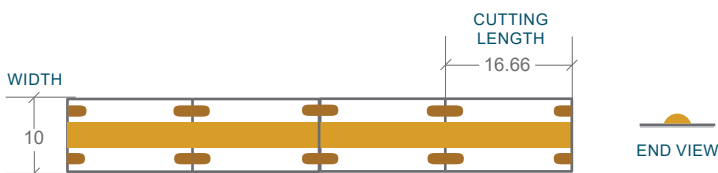| ACCESSORIES	CODE
INLINE QUICK CONNECTOR	BL-LS-COB-MC
POWER FEED 490MM QUICK CONNECTOR	BL-LS-COB-PF
FLEXIBLE 80MM QUICK CONNECTOR	BL-LS-COB-FC

BL-LS-COB-MC

BL-LS-COB-PF

BL-LS-COB-FC

9W/M COB RIBBON

INTERIOR

COLOUR	CODE	INGRESS PROTECTION	LUMENS	EFFICACY
3000K WARM WHITE	BL-LS-COB9-WW	IP20 General interior use	769lm/m	85lm/W
4000K NATURAL WHITE	BL-LS-COB9-NW		875lm/m	97lm/W

COLOUR VARIANCE +/- 200K
ELECTRICAL & OPTICAL DATA VARIANCE +/- 10%
SOLD BY THE METRE

LED WATTS	9W/m	CRI	≥90	MOUNTING	3M adhesive backing
INPUT VOLTS	24V DC constant voltage	NUMBER OF CHIPS	480 LED/m		*A Bright Light approved aluminium profile is required for thermal management*
OPERATING TEMP.	-25°C ~ +50°C	BEAM ANGLE	180°	CONTROL	Dimmable by PWM signal
MAX. RUN PER POWER FEED	5 metres	SOURCE LIFE	50,000 hours		
		WARRANTY	3 years		

CUTTING LENGTH
16.66

WIDTH
10

END VIEW

ACCESSORIES	CODE
INLINE QUICK CONNECTOR	BL-LS-COB-MC
POWER FEED 490MM QUICK CONNECTOR	BL-LS-COB-PF
FLEXIBLE 80MM QUICK CONNECTOR	BL-LS-COB-FC
9W 24V 90° LED CONNECTOR	BL-LS-COB9-90-XX

XX = (WW) 3000K WARM WHITE OR (NW) 4000K NATURAL WHITE

BL-LS-COB-MC

BL-LS-COB-PF
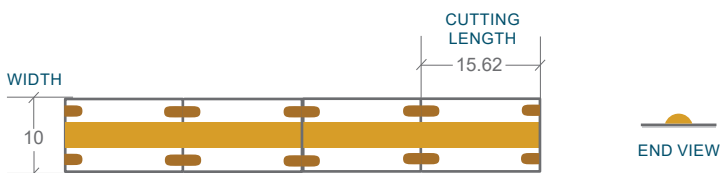

BL-LS-COB-FC

BL-LS-COB9-90-XX

12W/M COB RIBBON

COLOUR		CODE	INGRESS PROTECTION	LUMENS	EFFICACY
3000K WARM WHITE		BL-LS-COB12-WW	IP20 General interior use	1036lm/m	86lm/W
4000K NATURAL WHITE		BL-LS-COB12-NW		1145lm/m	95lm/W

COLOUR VARIANCE +/- 200K
ELECTRICAL & OPTICAL DATA VARIANCE +/- 10%
SOLD BY THE METRE

LED WATTS	12W/m	CRI	≥90	MOUNTING	3M adhesive backing
INPUT VOLTS	24V DC constant voltage	NUMBER OF CHIPS	512 LED/m		*A Bright Light approved aluminium profile is required for thermal management*
OPERATING TEMP.	-25°C ~ +50°C	BEAM ANGLE	180°	CONTROL	Dimmable by PWM signal
MAX. RUN PER POWER FEED	5 metres	SOURCE LIFE	50,000 hours		
		WARRANTY	3 years		

CUTTING LENGTH
15.62

WIDTH
10

END VIEW

ACCESSORIES	CODE
INLINE QUICK CONNECTOR	BL-LS-COB-MC
POWER FEED 490MM QUICK CONNECTOR	BL-LS-COB-PF
FLEXIBLE 80MM QUICK CONNECTOR	BL-LS-COB-FC

BL-LS-COB-MC

BL-LS-COB-PF

BL-LS-COB-FC

4 WATTS PER METRE

COLOUR		CODE	INGRESS PROTECTION	LUMENS	EFFICACY
3000K WARM WHITE		BL-LS-1000-WW		449lm/m	96lm/W
4000K NATURAL WHITE		BL-LS-1000-NW	IP20 indoor use only	460lm/m	98lm/W
5000K COOL WHITE		BL-LS-1000-CW		465lm/m	99lm/W

COLOUR VARIANCE +/- 200K
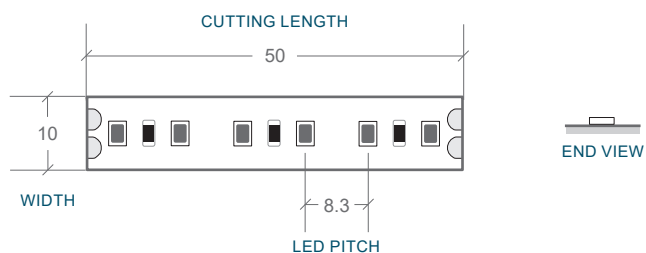*ELECTRICAL & OPTICAL DATA VARIANCE +/- 10%*
SOLD BY THE METRE

LED WATTS	4.7W/m	CRI	≥80	MOUNTING	3M adhesive backing
INPUT VOLTS	24V DC constant voltage	NUMBER OF CHIPS	120 LED/m		*A Bright Light approved aluminium profile is required for thermal management*
OPERATING TEMP.	-20°C ~ +60°C	BEAM ANGLE	120°	CONTROL	Dimmable by PWM signal
MAX. RUN PER POWER FEED	15 metres	SOURCE LIFE	50,000 hours		
		WARRANTY	3 years		

An **IP65 Silicone Spray** version of this LED ribbon is also available.
IP65 silicone spray is perfect for general interior use including lighting bathrooms and kitchens.
With appropriate protection the IP65 Silicone Spray product can also be used in some sheltered outdoor applications.

See www.brightlight.co.nz for product information.

CUTTING LENGTH
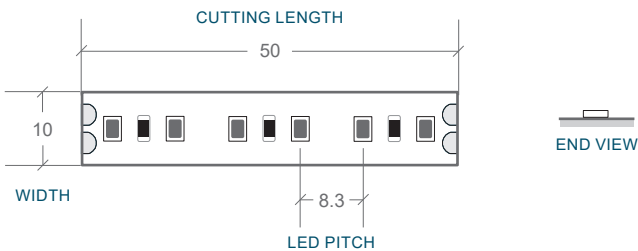50
10
WIDTH
8.3
LED PITCH
END VIEW

9 WATTS PER METRE

COLOUR		CODE	INGRESS PROTECTION	LUMENS	EFFICACY
3000K WARM WHITE		BL-LS-1001-WW		801lm/m	92lm/W
4000K NATURAL WHITE		BL-LS-1001-NW	IP20 indoor use only	827lm/m	95lm/W
5000K COOL WHITE		BL-LS-1001-CW		835lm/m	96lm/W

COLOUR VARIANCE +/- 200K
ELECTRICAL & OPTICAL DATA VARIANCE +/- 10%
SOLD BY THE METRE

LED WATTS	8.7W/m	CRI	≥80	MOUNTING	3M adhesive backing
INPUT VOLTS	24V DC constant voltage	NUMBER OF CHIPS	120 LED/m		*A Bright Light approved aluminium profile is required for thermal management*
OPERATING TEMP.	-20°C ~ +60°C	BEAM ANGLE	120°	CONTROL	Dimmable by PWM signal
MAX. RUN PER POWER FEED	12 metres	SOURCE LIFE	50,000 hours		
		WARRANTY	3 years		

An **IP65 Silicone Spray** version of this LED ribbon is also available.
IP65 silicone spray is perfect for general interior use including lighting bathrooms and kitchens.
With appropriate protection the IP65 Silicone Spray product can also be used in some sheltered outdoor applications.

See www.brightlight.co.nz for product information.

CUTTING LENGTH
50
10
WIDTH
8.3
LED PITCH

END VIEW

SPLASHBACK LIGHTING. LOWLINE 01 + 9W LED RIBBON, 3000K
EPSOM, AUCKLAND

13 WATTS PER METRE

COLOUR	CODE	INGRESS PROTECTION	LUMENS	EFFICACY
3000K WARM WHITE	BL-LS-1002-WW		1129lm/m	88lm/W
4000K NATURAL WHITE	BL-LS-1002-NW	IP20 indoor use only	1160lm/m	91lm/W

COLOUR VARIANCE +/- 200K
ELECTRICAL & OPTICAL DATA VARIANCE +/- 10%
SOLD BY THE METRE

LED WATTS	12.8W/m	CRI	≥80	MOUNTING	3M adhesive backing
INPUT VOLTS	24V DC constant voltage	NUMBER OF CHIPS	120 LED/m		*A Bright Light approved aluminium profile is required for thermal management*
OPERATING TEMP.	-20°C ~ +60°C	BEAM ANGLE	120°		
MAX. RUN PER POWER FEED	10 metres	SOURCE LIFE	50,000 hours	CONTROL	Dimmable by PWM signal
		WARRANTY	3 years		

An **IP65 Silicone Spray** version of this LED ribbon is also available.

IP65 silicone spray is perfect for general interior use including lighting bathrooms and kitchens.

With appropriate protection the IP65 Silicone Spray product can also be used in some sheltered outdoor applications.

*See www.brightlight.co.nz for product information.*

CUTTING LENGTH

50

10

WIDTH

8.3

LED PITCH

END VIEW

17 WATTS PER METRE

COLOUR		CODE	INGRESS PROTECTION	LUMENS	EFFICACY
3000K WARM WHITE		BL-LS-1003-WW		1549lm/m	91lm/W
4000K NATURAL WHITE		BL-LS-1003-NW	IP20 indoor use only	1731lm/m	102lm/W

COLOUR VARIANCE +/- 200K
ELECTRICAL & OPTICAL DATA VARIANCE +/- 10%
SOLD BY THE METRE

LED WATTS	17W/m	CRI	≥80	MOUNTING	3M adhesive backing
INPUT VOLTS	24V DC constant voltage	NUMBER OF CHIPS	120 LED/m		*A Bright Light approved aluminium profile is required for thermal management*
OPERATING TEMP.	-20°C ~ +60°C	BEAM ANGLE	120°	CONTROL	Dimmable by PWM signal
MAX. RUN PER POWER FEED	5 metres	SOURCE LIFE	50,000 hours		
		WARRANTY	3 years		

An **IP65 Silicone Spray** version of this LED ribbon is also available.
IP65 silicone spray is perfect for general interior use including lighting bathrooms and kitchens.
With appropriate protection the IP65 Silicone Spray product can also be used in some sheltered outdoor applications.

See www.brightlight.co.nz for product information.

CUTTING LENGTH

50

10

WIDTH

8.3

LED PITCH

END VIEW

18 WATTS PER METRE

INTERIOR

COLOUR		CODE	INGRESS PROTECTION	LUMENS	EFFICACY
2700K WARM WHITE		BL-LS-1100-27		2175lm/m	116lm/W
3000K WARM WHITE		BL-LS-1100-WW	IP20 indoor use only	2300lm/m	123lm/W
4000K NATURAL WHITE		BL-LS-1100-NW		2600lm/m	139lm/W

COLOUR VARIANCE +/- 200K
ELECTRICAL & OPTICAL DATA VARIANCE +/- 10%
SOLD BY THE METRE

LED WATTS	18.6W/m	CRI	≥90	MOUNTING	3M adhesive backing
INPUT VOLTS	24V DC constant voltage	NUMBER OF CHIPS	160 LED/m		*A Bright Light approved aluminium profile is required for thermal management*
OPERATING TEMP.	-25°C ~ +45°C	BEAM ANGLE	120°	CONTROL	Dimmable by PWM signal
MAX. RUN PER POWER FEED	6 metres	SOURCE LIFE	50,000 hours		
		WARRANTY	3 years		

CUTTING LENGTH

50

10

WIDTH

6.25

LED PITCH

END VIEW
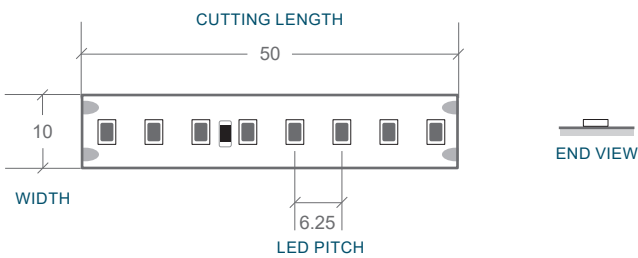
UNDER CUPBOARD BENCH LIGHTING
RESIDENTIAL KITCHEN

PRO*SERIES*

ProSeries is a professional linear LED product for architectural and commercial lighting projects.

Made for high-performance, ProSeries is available in 6, 12, 18, and 30 watts offering a range of lumen packages perfect for any lighting application.

The superior quality of ProSeries all starts with the chip. Using a high CRI Edison Opto LED with a 2-step MacAdam ellipse, and from a single bin ensures greater colour consistency and brilliant results.

MASU BAR LIGHT FEATURE. PRO 18
EPSOM, AUCKLAND

PRO 6

INTERIOR

NOTE

– Aluminium profile as part of the installation is required for thermal management

– Not suitable for use with shallow profile models: Baseline 01 Mini, Lowline 01 Mini or Lowline 02 Mini

– The IP65 version is suitable for use in kitchens, bathrooms and with appropriate protection can also be used in some sheltered outdoor applications.

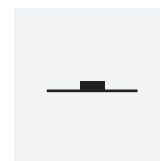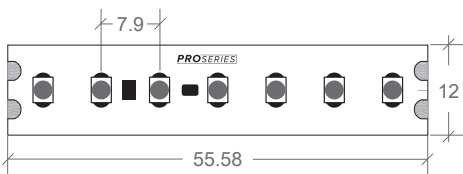CRI ≥95 | R9 80+ | **2-step** MacAdam | ONE BIN ONLY | 24V DC | IP20 | IP65 | .IES FILES | 5 YEAR WARRANTY

CODE	INGRESS PROTECTION	COLOUR	LUMENS	EFFICACY	DIMENSIONS
PRO-6-27	Indoor use only	2700K +/- 60K	650lm/m	108lm/W	W12 × H1.6mm
PRO-6-30	Indoor use only	3000K +/- 60K	650lm/m	108lm/W	W12 × H1.6mm
PRO-6-40	Indoor use only	4000K +/- 60K	700lm/m	116lm/W	W12 × H1.6mm
PRO-6-27-IP65	IP65	2700K	650lm/m	108lm/W	W12 × H1.8mm
PRO-6-30-IP65	IP65	3000K	650lm/m	108lm/W	W12 × H1.8mm
PRO-6-40-IP65	IP65	4000K	700lm/m	116lm/W	W12 × H1.8mm

IP RATED COATINGS CAN INCREASE TOTAL TOLERANCE BY +400K. THE LED CHIP IS BINNED AT 2700K, 3000K OR 4000K
ELECTRICAL & OPTICAL DATA VARIANCE +/- 10%
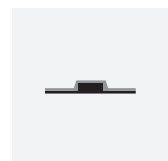*AVAILABLE BY THE METRE OR BY 10 METRE REEL*

LED WATTS	6W/m
INPUT VOLTS	24V DC
INPUT AMPS	0.25A/m
OPERATING TEMP.	-25°C ~ +60°C

CRI	≥95
R9	80+
SDCM	2-step MacAdam (non IP)
LED BRAND	Edison
BEAM ANGLE	115°
SOURCE LIFE	L80 B10 82,000 hrs (Other parameters available on request)

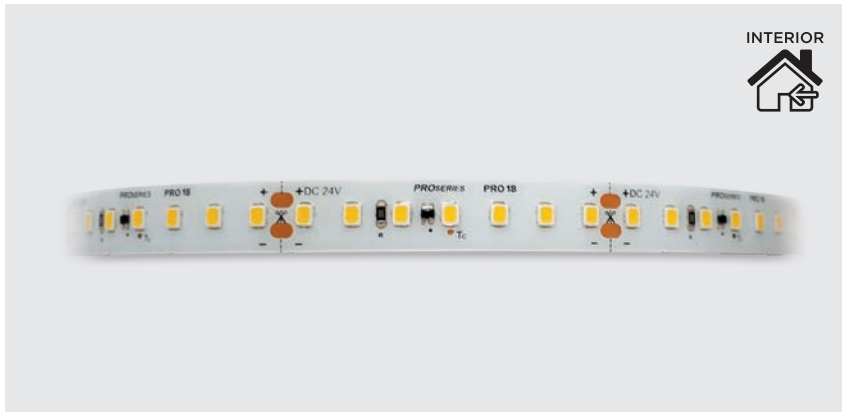|	
LED PITCH	7.9mm
CUTTING LENGTH	55.58mm
LEDS PER METRE	126
CONTROL	Dimmable by PWM
MAX. RUN PER FEED	16 metres

7.9 — PROSERIES — 12 — 55.58

INDOOR USE ONLY

ULTRA THIN IP65 SILICONE SPRAY

PRO 12

INTERIOR

FEATURES

– Consistent chip across the Pro range
– Onboard constant current
– 3oz 2 layer PCB
– 3M VHB tape

NOTE

– Aluminium profile as part of the installation is required for thermal management

– Not suitable for use with shallow profile models: Baseline 01 Mini, Lowline 01 Mini or Lowline 02 Mini

– The IP65 version is suitable for use in kitchens, bathrooms and with appropriate protection can also be used in some sheltered outdoor applications.

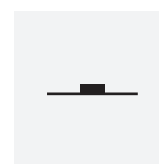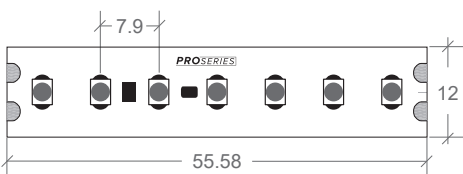CRI ≥95 | R9 80+ | 2-step MacAdam | ONE BIN ONLY | 24V DC | IP20 | IP65 | .IES FILES | 5 YEAR WARRANTY

CODE	INGRESS PROTECTION	COLOUR	LUMENS	EFFICACY	DIMENSIONS
PRO-12-27	Indoor use only	2700K +/- 60K	1350lm/m	113lm/W	W12 × H1.6mm
PRO-12-30	Indoor use only	3000K +/- 60K	1350lm/m	113lm/W	W12 × H1.6mm
PRO-12-40	Indoor use only	4000K +/- 60K	1450lm/m	121lm/W	W12 × H1.6mm
PRO-12-27-IP65	IP65	2700K	1350lm/m	113lm/W	W12 × H1.8mm
PRO-12-30-IP65	IP65	3000K	1350lm/m	113lm/W	W12 × H1.8mm
PRO-12-40-IP65	IP65	4000K	1450lm/m	121lm/W	W12 × H1.8mm

IP RATED COATINGS CAN INCREASE TOTAL TOLERANCE BY +400K. THE LED CHIP IS BINNED AT 2700K, 3000K OR 4000K
ELECTRICAL & OPTICAL DATA VARIANCE +/- 10%
AVAILABLE BY THE METRE OR BY 10 METRE REEL

LED WATTS	12W/m	CRI	≥95	LED PITCH	7.9mm
INPUT VOLTS	24V DC	R9	80+	CUTTING LENGTH	55.58mm
INPUT AMPS	0.50A/m	SDCM	2-step MacAdam (non IP)	LEDS PER METRE	126
OPERATING TEMP.	-25°C ~ +60°C	LED BRAND	Edison	CONTROL	Dimmable by PWM
		BEAM ANGLE	115°	MAX. RUN PER FEED	12 metres
		SOURCE LIFE	L80 B10 82,000 hrs (Other parameters available on request)		

7.9
PROSERIES
12
55.58

INDOOR USE ONLY

ULTRA THIN IP65 SILICONE SPRAY

PRO 18

INTERIOR

FEATURES

– Consistent chip across the Pro range
– Onboard constant current
– 3oz 2 layer PCB
– 3M VHB tape

NOTE

– Aluminium profile as part of the installation is required for thermal management

– Not suitable for use with shallow profile models: Baseline 01 Mini, Lowline 01 Mini or Lowline 02 Mini

– The IP65 version is suitable for use in kitchens, bathrooms and with appropriate protection can also be used in some sheltered outdoor applications.

| CRI ≥95 | R9 80+ | 2-step MacAdam | | ONE BIN ONLY | 24V DC | IP20 | IP65 | .IES FILES | 5 YEAR WARRANTY |

CODE	INGRESS PROTECTION	COLOUR	LUMENS	EFFICACY	DIMENSIONS
PRO-18-27	Indoor use only	2700K +/- 60K	2000lm/m	109lm/W	W12 × H1.6mm
PRO-18-30	Indoor use only	3000K +/- 60K	2125lm/m	116lm/W	W12 × H1.6mm
PRO-18-40	Indoor use only	4000K +/- 60K	2150lm/m	118lm/W	W12 × H1.6mm
PRO-18-27-IP65	IP65	2700K	2000lm/m	109lm/W	W12 × H1.8mm
PRO-18-30-IP65	IP65	3000K	2125lm/m	116lm/W	W12 × H1.8mm
PRO-18-40-IP65	IP65	4000K	2150lm/m	118lm/W	W12 × H1.8mm

IP RATED COATINGS CAN INCREASE TOTAL TOLERANCE BY +400K. THE LED CHIP IS BINNED AT 2700K, 3000K OR 4000K
ELECTRICAL & OPTICAL DATA VARIANCE +/- 10%
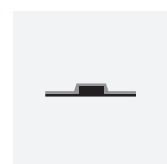*AVAILABLE BY THE METRE OR BY 10 METRE REEL*

LED WATTS	18.2W/m
INPUT VOLTS	24V DC
INPUT AMPS	0.75A/m
OPERATING TEMP.	-25°C ~ +60°C

CRI	≥95
R9	80+
SDCM	2-step MacAdam (non IP)
LED BRAND	Edison
BEAM ANGLE	115°
SOURCE LIFE	L80 B10 82,000 hrs (Other parameters available on request)

LED PITCH	7.9mm
CUTTING LENGTH	55.58mm
LEDS PER METRE	126
CONTROL	Dimmable by PWM
MAX. RUN PER FEED	10 metres

7.9

12

55.58

INDOOR USE ONLY

ULTRA THIN IP65 SILICONE SPRAY

PRO 30

INTERIOR

FEATURES

– Consistent chip across the Pro range
– Onboard constant current
– 3oz 2 layer PCB
– 3M VHB tape

NOTE

– Aluminium profile as part of the installation is required for thermal management

– Not suitable for use with shallow profile models: Baseline 01 Mini, Lowline 01 Mini or Lowline 02 Mini

CRI ≥95 | R9 80+ | 2-step MacAdam | ONE BIN ONLY | 24V DC | IP20 | .IES FILES | 5 YEAR WARRANTY

CODE	INGRESS PROTECTION	COLOUR	LUMENS	EFFICACY	DIMENSIONS
PRO-30-27	Indoor use only	2700K +/- 60K	3250lm/m	108lm/W	W12 × H1.6mm
PRO-30-30	Indoor use only	3000K +/- 60K	3300lm/m	110lm/W	W12 × H1.6mm
PRO-30-40	Indoor use only	4000K +/- 60K	3350lm/m	112lm/W	W12 × H1.6mm

ELECTRICAL & OPTICAL DATA VARIANCE +/- 10%
AVAILABLE BY THE METRE OR BY 10 METRE REEL

LED WATTS	30W/m
INPUT VOLTS	24V DC
INPUT AMPS	1.25A/m
OPERATING TEMP.	-25°C ~ +60°C

CRI	≥95
R9	80+
SDCM	2-step MacAdam (non IP)
LED BRAND	Edison
BEAM ANGLE	115°
SOURCE LIFE	L80 B10 82,000 hrs (Other parameters available on request)

LED PITCH	7.1mm
CUTTING LENGTH	50mm
LEDS PER METRE	140
CONTROL	Dimmable by PWM
MAX. RUN PER FEED	10 metres

7.1

PROSERIES

12

50
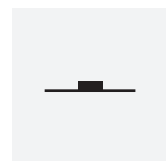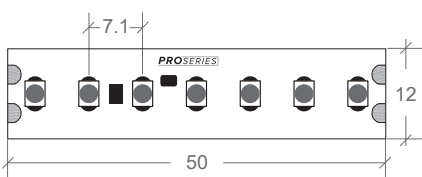
INDOOR USE ONLY

PRO 6 USED IN SCULPTURAL WALL FEATURE
COMMERCIAL BAY, AUCKLAND

COLOUR CHANGING RIBBON

Adding a touch of colour can make spaces pop, create mood or excitement in any application.

Tuneable White allows users to adjust lighting to suit the environment and time of day. Warmer temperatures create a cozy feel that is perfect for evenings, while cooler temperatures simulate day light, creating a more alert feel.

RGB (Red, Green, Blue) ribbon provides a rainbow of colour options from hot pinks to vivid blues and anywhere in-between.

RGB White (Red, Green, Blue, and White) ribbon provides the most options. This product has a dedicated chip to produce the white light, typically 3000K warm white. This can be used independently of the colour chip or in combination to create soft pastel effects.

In our range we have 'RGBW | High Performance Dual Chip' *(pg 32)* which utilizes a completely independent 3000K warm white, CRI ≥90 chip providing a bright 1080lm/m light that rivals the performance of the traditional standard white ribbons, giving you the best of both!

Indoor multi-functional space? Future proof your lighting design by choosing the RGBW High Performance Dual Chip.

We also have IP66 exterior use versions in RGB and RGBW (pgs 40-41).

LIGHTPATH / TE ARA I WHITI
CBD AUCKLAND

COB 22W/M TUNEABLE WHITE

INTERIOR

COLOUR		CODE	INGRESS PROTECTION
2700–6000K TUNEABLE		BL-LS-COB22-TW	IP20 - Interior use only

COLOUR VARIANCE +/- 200K
ELECTRICAL & OPTICAL DATA VARIANCE +/- 10%
SOLD BY THE METRE

LED WATTS	22W/m *11W/m (2700K)* *11W/m (6000K)*	LUMENS	2700K 4000K 6000K	935lm/m 2090lm/m 1155lm/m	MOUNTING	3M adhesive backing *A Bright Light approved aluminium profile for thermal management is required*	
INPUT VOLTS	24V DC constant voltage	CRI	≥90		CONTROL	Requires 2-channel controller	
OPERATING TEMP.	-25°C ~ +45°C	NUMBER OF CHIPS	608 LED/m				
MAX. RUN PER POWER FEED	5 metres	BEAM ANGLE	180°				
		SOURCE LIFE	50,000 hours				
		WARRANTY	3 years				

CUTTING LENGTH
WIDTH
26.3
10

24V 24V 24V 24V

END VIEW

COB 15W/M RGB

COLOUR		CODE	INGRESS PROTECTION
RGB		BL-LS-COB15-RGB	IP20 - Interior use only

ELECTRICAL & OPTICAL DATA VARIANCE +/- 10%
SOLD BY THE METRE

LED WATTS	15W/m	LUMENS	R 135lm/m	MOUNTING	3M adhesive backing
			G 467lm/m		*A Bright Light approved*
INPUT VOLTS	24V DC constant voltage		B 53lm/m		*aluminium profile is required for thermal management*
OPERATING TEMP.	-25°C ~ +45°C	NUMBER OF CHIPS	840 LED/m	CONTROL	Requires 3-channel RGB controller
		BEAM ANGLE	180°		
MAX. RUN PER POWER FEED	5 metres	SOURCE LIFE	50,000 hours		
		WARRANTY	3 years		

CUTTING LENGTH

25

WIDTH

12

END VIEW

COB 16W/M RGBW

COLOUR		CODE	INGRESS PROTECTION
RGBW		BL-LS-COB16-RGBW	IP20 - Interior use only

ELECTRICAL & OPTICAL DATA VARIANCE +/- 10%
SOLD BY THE METRE

LED WATTS	16W/m *(4W/m per channel)*
INPUT VOLTS	24V DC constant voltage
OPERATING TEMP.	-25°C ~ +45°C
MAX. RUN PER POWER FEED	5 metres

COLOUR TEMPERATURE	3000K *(white chip only)*
CRI	≥90 *(white chip only)*
LUMENS	R 104lm/m G 336lm/m B 96lm/m W 344lm/m
NUMBER OF CHIPS	560 LED/m
BEAM ANGLE	180°
SOURCE LIFE	50,000 hours
WARRANTY	3 years

MOUNTING	3M adhesive backing *A Bright Light approved aluminium profile is required for thermal management*
CABLE	Due to the nature of COB ribbon, the solder pads are smaller than standard ribbon. We recommend the use of our 5-core RGBW COB cable.
CONTROL	Requires 4-channel RGBW controller

CUTTING LENGTH

WIDTH

50

12

END VIEW

ACCESSORIES	CODE
5-CORE CABLE FOR RGBW COB 1000MM	BL-LS-COB16-5CCAB

RGB WHITE | HIGH PERFORMANCE DUAL CHIP

INTERIOR
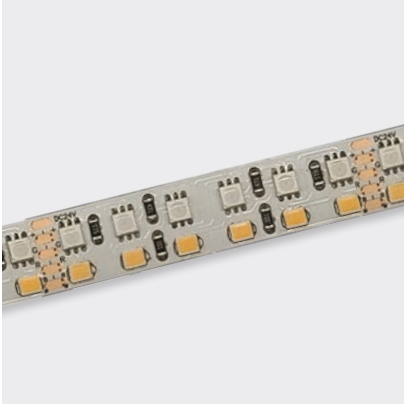
FEATURES

– Utilizes a single row of RGB chips and a completely independent and parallel row of white chips, capable of producing up to 1080 lumens per metre.

– Lumen output rivals the performance of the traditional standard white ribbons making this a truly dual purpose product.

COLOUR	CODE		INGRESS PROTECTION
RGBW		BL-LS-3104-RGBW	IP20 - Interior use only

COLOUR VARIANCE +/- 200K
ELECTRICAL & OPTICAL DATA VARIANCE +/- 10%
SOLD BY THE METRE

LED WATTS	24W/m *12W/m (RGB)* *12W/m (white)*	COLOUR TEMPERATURE	3000K *(white chip only)*	MOUNTING	3M adhesive backing *A Bright Light approved aluminium profile is required for thermal management*
INPUT VOLTS	24V DC constant voltage	CRI	≥90 *(white chip only)*		
OPERATING TEMP.	-25°C ~ +45°C	LUMENS	R 100lm/m G 352lm/m B 88lm/m W 1080lm/m	CONTROL	Requires 4-channel RGBW controller
MAX. RUN PER POWER FEED	5 metres	NUMBER OF CHIPS	240 LED/m	ALUMINIUM PROFILE	Suitable for most Bright Light profile - except Baseline 01 Mini, Lowline 01 Mini, Lowline 02 Mini
		BEAM ANGLE	120°		
		SOURCE LIFE	50,000 hours		
		WARRANTY	3 years		

CUTTING LENGTH
50
12
WIDTH
8.3
LED PITCH

END VIEW

INTERIOR RGB / RGBW FEATURE LIGHTING
RESIDENTIAL HOME

6W/M COB | IP66

EXTERIOR

COLOUR	CODE	INGRESS PROTECTION	LUMENS	EFFICACY
3000K WARM WHITE	BL-LS-COB6-WW-IP66	IP66 - General exterior & interior use. Encased in silicone sleeve. Protection established by use of silicone connections *Not suitable for submerged applications*	563lm/m	94lm/W
4000K NATURAL WHITE	BL-LS-COB6-NW-IP66		649lm/m	108lm/W

COLOUR VARIANCE +/- 200K
ELECTRICAL & OPTICAL DATA VARIANCE +/- 10%
SOLD BY THE METRE

LED WATTS	6W/m	CRI	≥90	MOUNTING	3M adhesive backing *A Bright Light approved aluminium profile is required for thermal management and UV / Sunlight protection*
INPUT VOLTS	24V DC constant voltage	NUMBER OF CHIPS	480 LED/m		
OPERATING TEMP.	-25°C ~ +50°C	BEAM ANGLE	180°	CONTROL	Dimmable by PWM signal
MAX. RUN PER POWER FEED	5 metres	SOURCE LIFE	50,000 hours	ALUMINIUM PROFILE	Suitable for most Bright Light profile - except Baseline 01 Mini, Lowline 01 Mini, Lowline 02 Mini
		WARRANTY	3 years		

SLEEVE WIDTH
IP66 SILICONE SLEEVE
CUTTING LENGTH
16.66
Solder connections
12.5 10
SILICONE CONNECTOR - END CAP*
SILICONE CONNECTOR - POWER FEED*
SILICONE CONNECTORS REQUIRED FOR IP66 INSTALLATION.

SILICONE CONNECTOR
SILICONE CONNECTOR HEIGHT
7
SLEEVE HEIGHT
5
END VIEW
1 3M TAPE

ACCESSORIES	CODE
CONNECTOR SILICONE - POWER FEED CONNECTOR	BL-LS-CS10-IP66-PF
CONNECTOR SILICONE - END CAP	BL-LS-CS10-IP66-EC

REQUIRES SEALING INTERNALLY WITH SILICONE FOR IP66 PROTECTION

BL-LS-CS10-IP66-PF BL-LS-CS10-IP66-EC

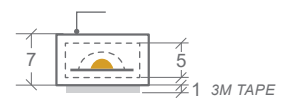*WIDTH 12.5MM × H7MM*

6 W/M COB | IP66 | 12 VOLTS

12V
DC

EXTERIOR

COLOUR		CODE	INGRESS PROTECTION	LUMENS	EFFICACY
3000K WARM WHITE		BL-LS-COB6-WW-IP66-12V	IP66 - General exterior & interior use. Encased in silicone sleeve. Protection established by use of silicone connections	582lm/m	92lm/W
4000K NATURAL WHITE		BL-LS-COB6-WW-IP66-12V		683lm/m	108lm/W
BLUE 520–525nm		BL-LS-COB6-B-IP66-12V	*Not suitable for submerged applications*	114lm/m	19lm/W

COLOUR VARIANCE +/- 200K
ELECTRICAL & OPTICAL DATA VARIANCE +/- 10%
SOLD BY THE METRE

LED WATTS	6.3W/m	CRI	≥90 *(white chip only)*	MOUNTING	3M adhesive backing *A Bright Light approved aluminium profile is required for thermal management and UV / Sunlight protection*
INPUT VOLTS	12V DC constant voltage	NUMBER OF CHIPS	480 LED/m		
OPERATING TEMP.	-20°C ~ +60°C	BEAM ANGLE	180°	CONTROL	Dimmable by PWM signal
MAX. RUN PER POWER FEED	5 metres	SOURCE LIFE	50,000 hours	ALUMINIUM PROFILE	Suitable for most Bright Light profile - except Baseline 01 Mini, Lowline 01 Mini, Lowline 02 Mini
		WARRANTY	3 years		

SLEEVE WIDTH
IP66 SILICONE SLEEVE
CUTTING LENGTH
25
12.5
10
Solder connections
SILICONE CONNECTOR - END CAP*
SILICONE CONNECTOR - POWER FEED*
**SILICONE CONNECTORS REQUIRED FOR IP66 INSTALLATION.*

SILICONE CONNECTOR
SILICONE CONNECTOR HEIGHT
7
SLEEVE HEIGHT
5
1 *3M TAPE*
END VIEW

ACCESSORIES	CODE
CONNECTOR SILICONE - POWER FEED CONNECTOR	BL-LS-CS10-IP66-PF
CONNECTOR SILICONE - END CAP	BL-LS-CS10-IP66-EC

REQUIRES SEALING INTERNALLY WITH SILICONE FOR IP66 PROTECTION
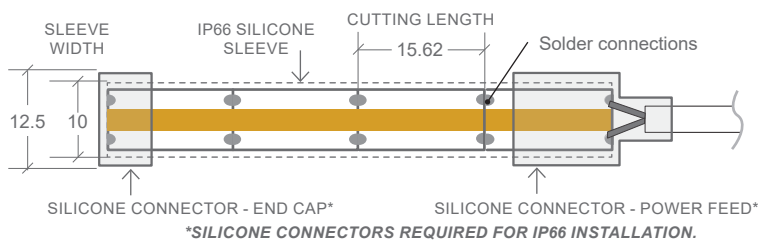

BL-LS-CS10-IP66-PF

BL-LS-CS10-IP66-EC

WIDTH 12.5MM × H7MM

AUCKLAND LIGHTPATH / TE ARA I WHITI
IMAGE CREDIT: MONK MACKENZIE ARCHITECTS

9W/M COB | IP66

COLOUR	CODE	INGRESS PROTECTION	LUMENS	EFFICACY
3000K WARM WHITE	BL-LS-COB9-WW-IP66	IP66 - General exterior & interior use. Encased in silicone sleeve. Protection established by use of silicone connections *Not suitable for submerged applications*	769lm/m	85lm/W
4000K NATURAL WHITE	BL-LS-COB9-NW-IP66		875lm/m	97lm/W

COLOUR VARIANCE +/- 200K
ELECTRICAL & OPTICAL DATA VARIANCE +/- 10%
SOLD BY THE METRE

LED WATTS	9W/m	CRI	≥90	MOUNTING	3M adhesive backing *A Bright Light approved aluminium profile is required for thermal management and UV / Sunlight protection*
INPUT VOLTS	24V DC constant voltage	NUMBER OF CHIPS	512 LED/m		
OPERATING TEMP.	-25°C ~ +60°C	BEAM ANGLE	180°		
MAX. RUN PER POWER FEED	5 metres	SOURCE LIFE	50,000 hours	CONTROL	Dimmable by PWM signal
		WARRANTY	3 years	ALUMINIUM PROFILE	Suitable for most Bright Light profile - except Baseline 01 Mini, Lowline 01 Mini, Lowline 02 Mini

SLEEVE WIDTH
IP66 SILICONE SLEEVE
CUTTING LENGTH
16.66
Solder connections
12.5 10
SILICONE CONNECTOR - END CAP*
SILICONE CONNECTOR - POWER FEED*
SILICONE CONNECTORS REQUIRED FOR IP66 INSTALLATION.

SILICONE CONNECTOR
SILICONE CONNECTOR HEIGHT   7   5   SLEEVE HEIGHT
1   *3M TAPE*
END VIEW

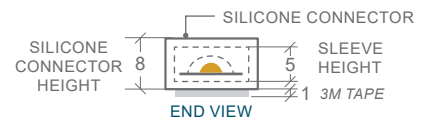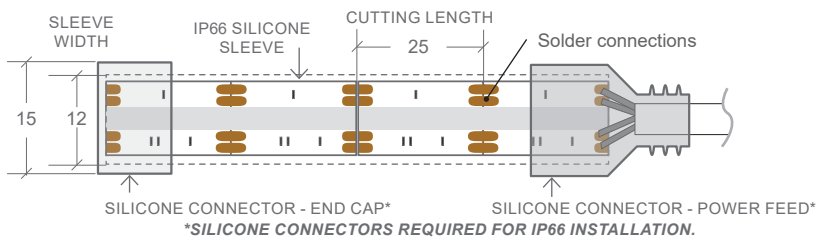| ACCESSORIES	CODE
CONNECTOR SILICONE - POWER FEED CONNECTOR	BL-LS-CS10-IP66-PF
CONNECTOR SILICONE - END CAP	BL-LS-CS10-IP66-EC

REQUIRES SEALING INTERNALLY WITH SILICONE FOR IP66 PROTECTION

BL-LS-CS10-IP66-PF   BL-LS-CS10-IP66-EC

WIDTH 12.5MM × H7MM
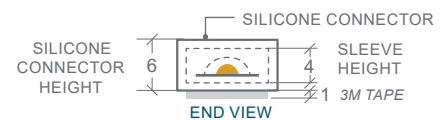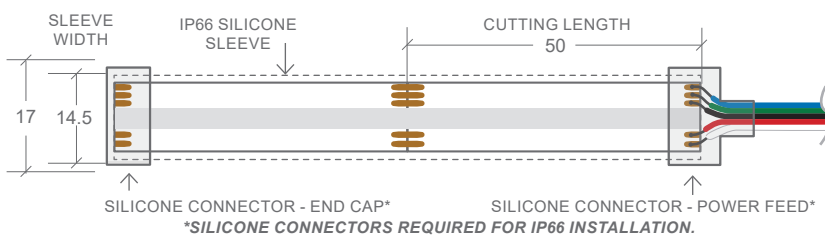
12W/M COB | IP66

EXTERIOR

COLOUR		CODE	INGRESS PROTECTION	LUMENS	EFFICACY
3000K WARM WHITE		BL-LS-COB12-WW-IP66	IP66 - General exterior & interior use. Encased in silicone sleeve. Protection established by use of silicone connections	1036lm/m	86lm/W
4000K NATURAL WHITE		BL-LS-COB12-NW-IP66	*Not suitable for submerged applications*	1145lm/m	95lm/W

COLOUR VARIANCE +/- 200K
ELECTRICAL & OPTICAL DATA VARIANCE +/- 10%
SOLD BY THE METRE

LED WATTS	12W/m	CRI	≥90	MOUNTING	3M adhesive backing *A Bright Light approved aluminium profile is required for thermal management and UV / Sunlight protection*
INPUT VOLTS	24V DC constant voltage	BEAM ANGLE	180°		
OPERATING TEMP.	-25°C ~ +60°C	SOURCE LIFE	50,000 hours	CONTROL	Dimmable by PWM signal
MAX. RUN PER POWER FEED	5 metres	WARRANTY	3 years	ALUMINIUM PROFILE	Suitable for most Bright Light profile - except Baseline 01 Mini, Lowline 01 Mini, Lowline 02 Mini

SLEEVE WIDTH

IP66 SILICONE SLEEVE

CUTTING LENGTH

15.62

Solder connections

12.5 10

SILICONE CONNECTOR - END CAP*

SILICONE CONNECTOR - POWER FEED*

SILICONE CONNECTORS REQUIRED FOR IP66 INSTALLATION.

7   5
1 3M TAPE

ACCESSORIES	CODE
CONNECTOR SILICONE - POWER FEED CONNECTOR	BL-LS-CS10-IP66-PF
CONNECTOR SILICONE - END CAP	BL-LS-CS10-IP66-EC

REQUIRES SEALING INTERNALLY WITH SILICONE FOR IP66 PROTECTION

BL-LS-CS10-IP66-PF

BL-LS-CS10-IP66-EC

——— *WIDTH 12.5MM × H7MM* ———

COB 15W/M RGB | IP66
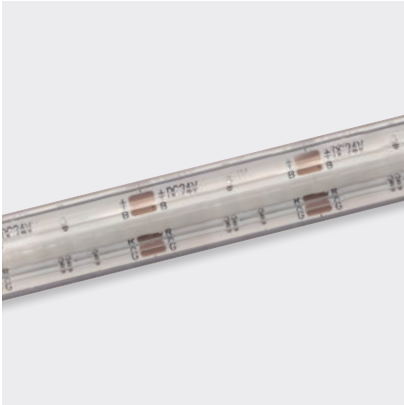
EXTERIOR

COLOUR	CODE	INGRESS PROTECTION
RGB	BL-LS-COB15-RGB-IP66	IP66 - General exterior & interior use. Encased in silicone sleeve. Protection established by use of silicone connections *Not suitable for submerged applications*

COLOUR VARIANCE +/- 200K
ELECTRICAL & OPTICAL DATA VARIANCE +/- 10%
SOLD BY THE METRE

LED WATTS	15W/m	LUMENS	R 123lm/m G 310lm/m B 51lm/m	MOUNTING	3M adhesive backing *A Bright Light approved aluminium profile is required for thermal management and UV / Sunlight protection*
INPUT VOLTS	24V DC constant voltage	NUMBER OF CHIPS	840 LED/m		
OPERATING TEMP.	-25°C ~ +45°C	BEAM ANGLE	180°	CONTROL	Requires 3-channel RGB controller
MAX. RUN PER POWER FEED	5 metres	SOURCE LIFE	50,000 hours	PROFILE	Suitable for Baseline 05 / 08 and Highline 01 / 02 / 03 / 04. Also suitable for our Baseline 01 V1 (enquire) *This product is not suitable for use with our smaller profiles.*
		WARRANTY	3 years		

SLEEVE WIDTH

IP66 SILICONE SLEEVE

CUTTING LENGTH
25

Solder connections

15 | 12

SILICONE CONNECTOR - END CAP*

SILICONE CONNECTOR - POWER FEED*

*SILICONE CONNECTORS REQUIRED FOR IP66 INSTALLATION.

SILICONE CONNECTOR

SILICONE CONNECTOR HEIGHT — 8

SLEEVE HEIGHT — 5

1 | 3M TAPE

END VIEW

ACCESSORIES	CODE
CONNECTOR SILICONE - POWER CONNECTOR FEED FOR 12MM COB RGB IP66 SLEEVE	BL-LS-CS-RGB-IP66-PC
CONNECTOR SILICONE - END CAP FOR 12MM COB RGB IP66 SLEEVE	BL-LS-CS-RGB-IP66-EC

REQUIRES SEALING INTERNALLY WITH SILICONE FOR IP66 PROTECTION

BL-LS-CS-RGB-IP66-PC

BL-LS-CS-RGB-IP66-EC

WIDTH 15MM × H8MM

COB 16W/M RGBW | IP66

EXTERIOR

COLOUR	CODE	INGRESS PROTECTION
RGBW	BL-LS-COB16-RGBW-IP66	IP66 - General exterior & interior use. Encased in silicone sleeve. Protection established by use of silicone connections *Not suitable for submerged applications*

ELECTRICAL & OPTICAL DATA VARIANCE +/- 10%
SOLD BY THE METRE

LED WATTS	16W/m *(4W/m per channel)*	COLOUR TEMPERATURE	3000K *(white chip only)*	MOUNTING	3M adhesive backing *A Bright Light approved aluminium profile is required for thermal management and UV / Sunlight protection*
INPUT VOLTS	24V DC constant voltage	CRI	≥90 *(white chip only)*		
OPERATING TEMP.	-25°C ~ +45°C	LUMENS	R 104lm/m G 336lm/m B 96lm/m W 344lm/m	CABLE	Due to the nature of COB ribbon, the solder pads are smaller than standard ribbon. We recommend the use of our 5-core RGBW COB cable.
MAX. RUN PER POWER FEED	5 metres	NUMBER OF CHIPS	560 LED/m	CONTROL	Requires 4-channel RGBW controller
		BEAM ANGLE	180°	PROFILE	Suitable for Baseline 05 / 08 and Highline 01 / 02 / 03 / 04. Also suitable for our Baseline 01 V1 (enquire) *This product is not suitable for use with our smaller profiles.*
		SOURCE LIFE	50,000 hours		
		WARRANTY	3 years		

SLEEVE WIDTH

IP66 SILICONE SLEEVE

CUTTING LENGTH
50

17   14.5

SILICONE CONNECTOR - END CAP*

SILICONE CONNECTOR - POWER FEED*

SILICONE CONNECTORS REQUIRED FOR IP66 INSTALLATION.

SILICONE CONNECTOR

SILICONE CONNECTOR HEIGHT

6

SLEEVE HEIGHT

4

1   3M TAPE

END VIEW

ACCESSORIES

ACCESSORIES	CODE
5-CORE CABLE FOR RGBW COB 1000MM	BL-LS-COB16-5CCAB
SILICONE POWER CONNECTOR FEED FOR COB RGB IP66 SLEEVE	BL-LS-CS-RGBW-IP66-PC
SILICONE END CAP FOR COB RGB IP66 SLEEVE	BL-LS-CS-RGBW-IP66-EC

CONNECTORS REQUIRE SEALING WITH SILICONE FOR IP66 PROTECTION

POWER FEED

END CAP

WIDTH 17MM × H6MM

ENCAPSULATED
LED RIBBON

IP66 EXTERIOR

Encapsulated LED Ribbon is perfect for cove lighting, toe kicks & architectural features in both residential and commercial applications.

With a small bend radius Encapsulated LED Ribbon is ideal for small letters or those tight corners.

Available in warm white or natural white, as well as CURVE model RGB option.

Our LITE & CURVE models bend horizontally, SHEER bends vertically and DUO bends in both directions, providing a variety of lighting options for greater flexibility in designs.
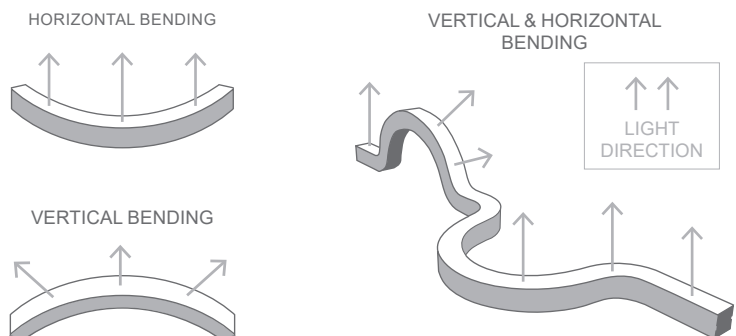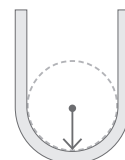
LED RIBBON ENCASED IN A SILICONE COVER - KEEPS IT FREE FROM DUST

BEND DIRECTION

HORIZONTAL BENDING

VERTICAL & HORIZONTAL BENDING

LIGHT DIRECTION

VERTICAL BENDING

MINIMUM BEND RADIUS

SHEER

LIGHT DIRECTION

VERTICAL BENDING

12

12

EXTERIOR
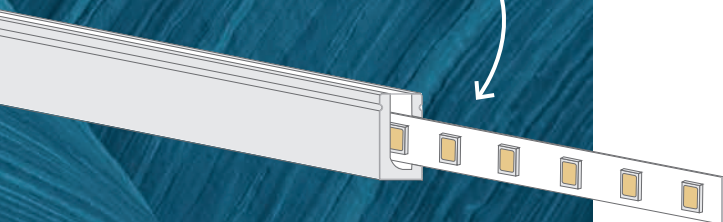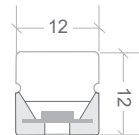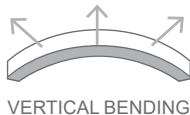
COLOUR		CODE	INGRESS PROTECTION	LUMENS
3000K WARM WHITE		BL-LS-4325-30	Protection established by use of IP66 connections	≥530m/m
4000K NATURAL WHITE		BL-LS-4325-40		≥580lm/m

COLOUR VARIANCE +/- 200K
ELECTRICAL & OPTICAL DATA VARIANCE +/- 10%
SOLD BY THE METRE

LED WATTS	7.2W/m	CRI	≥80	MINIMUM BEND RADIUS	25mm
INPUT VOLTS	24V DC constant voltage	BEAM ANGLE	180°	BEND DIRECTION	Vertical bending
OPERATING TEMP.	-20°C ~ +55°C	SOURCE LIFE	50,000 hours	CUTTING LENGTH	50mm
MAX. RUN PER POWER FEED	10m using one feed 20m using two feeds	WARRANTY	3 years	DIMENSIONS	W12 × H12mm *(W14mm for connectors)*
				INGRESS PROTECTION	Protection established by use of IP66 connections
				HOUSING	Silicone
				CONTROL	Dimmable by PWM signal

| ACCESSORIES	CODE
SIDE / BOTTOM FEED CONNECTOR IP66	BL-LS-4331
END CAP IP66	BL-LS-4332
MOUNTING CLIP 30MM	BL-LS-4330
POWER FEED CABLE (1000MM)	BL-LS-4310

SIDE / BOTTOM FEED CONNECTOR

END CAP

MOUNTING CLIP 30MM

CONNECTORS & END CAPS REQUIRE SEALING INTERNALLY WITH SILICONE FOR IP66 PROTECTION.

EXTERIOR UNDER SEAT LIGHTING
PUBLIC SPACE

LITE

EXTERIOR

LIGHT
DIRECTION

HORIZONTAL BENDING

6

12
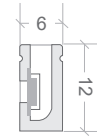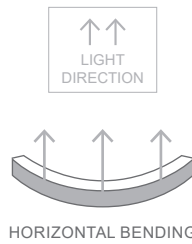
COLOUR		CODE	INGRESS PROTECTION	LUMENS
3000K WARM WHITE		BL-LS-4300-30		≥180lm/m
4000K NATURAL WHITE		BL-LS-4300-40	Protection established by use of IP66 connections	≥250lm/m
BLUE 455–460nm		BL-LS-4300-B		≥35lm/m

COLOUR VARIANCE +/- 200K
ELECTRICAL & OPTICAL DATA VARIANCE +/- 10%
SOLD BY THE METRE

LED WATTS	7.2W/m	CRI	≥80 *(white chip only)*	MINIMUM BEND RADIUS	10mm
INPUT VOLTS	24V DC constant voltage	BEAM ANGLE	115°	BEND DIRECTION	Horizontal bending
OPERATING TEMP.	-20°C ~ +55°C	SOURCE LIFE	50,000 hours	CUTTING LENGTH	50mm
MAX. RUN PER POWER FEED	15m using one feed 30m using two feeds	WARRANTY	3 years	DIMENSIONS	W6 × H12mm *(W8mm for connectors)*
				INGRESS PROTECTION	Protection established by use of IP66 connections
				HOUSING	Silicone
				CONTROL	Dimmable by PWM signal

ACCESSORIES	CODE
END FEED CONNECTOR IP66	BL-LS-4301
BOTTOM FEED CONNECTOR IP66	BL-LS-4302
END CAP IP66	BL-LS-4305
MOUNTING CLIP 20MM	BL-LS-4315
POWER FEED CABLE (1000MM)	BL-LS-4310

END FEED CONNECTOR

BOTTOM FEED CONNECTOR

END CAP
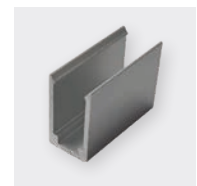
MOUNTING CLIP 20MM

CONNECTORS REQUIRE SEALING INTERNALLY WITH SILICONE FOR IP66 PROTECTION

CURVE

EXTERIOR

LIGHT DIRECTION

HORIZONTAL BENDING

10.25

17
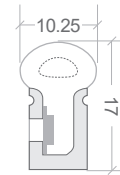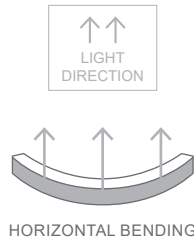
COLOUR		CODE	INGRESS PROTECTION	LUMENS
RGB		BL-LS-4350-RGB	Protection established by use of IP66 connections	R 45lm/m G 180lm/m B 50lm/m

COLOUR VARIANCE +/- 200K
ELECTRICAL & OPTICAL DATA VARIANCE +/- 10%
SOLD BY THE METRE

LED WATTS	12W/m	BEAM ANGLE	180°	MINIMUM BEND RADIUS	25mm
INPUT VOLTS	24V DC constant voltage	SOURCE LIFE	50,000 hours	BEND DIRECTION	Horizontal bending
OPERATING TEMP.	-20°C ~ +55°C	WARRANTY	3 years	CUTTING LENGTH	50mm
MAX. RUN PER POWER FEED	10m (max. run)			DIMENSIONS	W10.25 × H17mm *(W12mm for connectors)*
				INGRESS PROTECTION	Protection established by use of IP66 connections
				HOUSING	Silicone
				CONTROL	Requires 3-channel controller

ACCESSORIES	CODE
SIDE FEED CONNECTOR IP66	BL-LS-4360
BOTTOM FEED CONNECTOR IP66	BL-LS-4361
END CAP IP66	BL-LS-4362
MOUNTING CLIP 30MM	BL-LS-4359

SIDE FEED CONNECTOR

BOTTOM FEED CONNECTOR
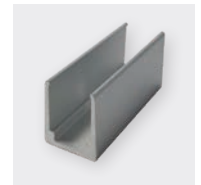
END CAP

MOUNTING CLIP 30MM

CONNECTORS REQUIRE SEALING INTERNALLY WITH SILICONE FOR IP66 PROTECTION

DUO

EXTERIOR

↑ ↑
LIGHT
DIRECTION

VERTICAL & HORIZONTAL BENDING

15

15
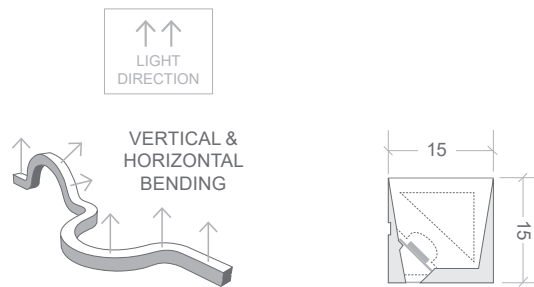
COLOUR		CODE	INGRESS PROTECTION	LUMENS
3000K WARM WHITE		BL-LS-4375-30	Protection established by use of IP66 connections	≥450lm/m
4000K NATURAL WHITE		BL-LS-4375-40		≥450lm/m

COLOUR VARIANCE +/- 200K
ELECTRICAL & OPTICAL DATA VARIANCE +/- 10%
SOLD BY THE METRE

LED WATTS	7.2W/m	CRI	≥90	MINIMUM BEND RADIUS	60mm
INPUT VOLTS	24V DC constant voltage	BEAM ANGLE	160°	BEND DIRECTION	Vertical & Horizontal bending
OPERATING TEMP.	-20°C ~ +55°C	SOURCE LIFE	50,000 hours	CUTTING LENGTH	41.66mm
MAX. RUN PER POWER FEED	5m using one feed 10m using two feeds	WARRANTY	3 years	DIMENSIONS	W15 × H15mm *(W17mm for connectors)*
				INGRESS PROTECTION	Protection established by use of IP66 connections
				HOUSING	Silicone
				CONTROL	Dimmable by PWM signal

ACCESSORIES	CODE
END FEED CONNECTOR IP66	BL-LS-4380
END CAP IP66	BL-LS-4381
ALUMINIUM MOUNTING PROFILE 1000MM	BL-LS-4382
CURVE PROFILE 1000MM *(COMES IN 2 × 500MM PIECES)*	BL-LS-4383
POWER FEED CABLE (1000MM)	BL-LS-4310

END FEED CONNECTOR

END CAP

ALUMINIUM MOUNTING PROFILE 1000MM

CURVE PROFILE 1000MM

CONNECTORS & END CAPS REQUIRE SEALING INTERNALLY WITH SILICONE FOR IP66 PROTECTION.

HIGHLINE 05 100MM OVER ISLAND BENCH
MT ALBERT, AUCKLAND

LINEAR PROFILE

PROUDLY NEW ZEALAND MADE

HIGHLINE 05 50MM FEATURE LIGHTING
RENDERED OFFICE SPACE

BRIGHT LIGHT LINEAR PROFILE

Our Linear LED aluminium profile is an all-purpose range of New Zealand designed and engineered, high performance systems. From suspended luminaires through to surface mounted and recessed task lighting, The range provides options for all levels of lighting requirements, from residential homes to large-scale commercial fit-outs.

The perpetual refining of technology across this range has led to the development of features such as a 'soft leg' diffuser, friction-fit recessing, various mounting-clip systems, and a self-countersinking solution for Baseline 01 making on-site installs an absolute breeze.

Nearly all the profiles are available with anodised aluminium and black or white powder-coat finishes as standard and custom colours can also be arranged.

All profiles use quality 6060 grade aluminium, providing highly effective thermal management for your installation. All of the polycarbonate diffusers in the range are UV stable and many options utilise our rolled opal and prismatic diffusers making a high visual performance possible in every scenario.

THERMAL & VISUAL PERFORMANCE

The below chart is intended as a guide only. Specific applications and installations may allow for more options.
Chart based on IP20 ribbon. IP65 or IP66 versions will have different dimensions and may not fit in the same profiles. Refer to specific product pages.

	STANDARD					COB 'Chip on board'			PROSERIES			
	CRI 80				CRI 90	CRI 90 | Dot-free			CRI 95 | R9 80+ | 2-step MacAdam			
	4W/m 460lm/m	9W/m 827lm/m	13W/m 1160lm/m	17W/m 1731lm/m	18W/m 2600lm/m	6W/m 650lm/m	9W/m 875lm/m	12W/m 1145lm/m	6W/m 700lm/m	12W/m 1450lm/m	18W/m 2150lm/m	30W/m 3350lm/m
Baseline 01 Mini / **Lowline 01 Mini** / **Lowline 02 Mini**	💧	💧	💧			💧👁	💧👁	💧👁				
Lowline 01 / **Lowline 02** / **Lowline 04**	💧👁	💧👁	💧👁			💧👁	💧👁	💧👁	💧👁	💧👁		
Lowline 03	💧👁	💧👁	💧👁	💧👁		💧👁	💧👁	💧👁	💧👁	💧👁	💧👁	💧👁
Baseline 01	💧👁	💧👁	💧👁	💧👁	💧	💧👁	💧👁	💧👁	💧👁	💧👁	💧	
Baseline 02 *(indirect)*	💧	💧	💧	💧	💧	💧	💧	💧	💧	💧	💧	💧
Baseline 03 / **Baseline 04**	💧👁	💧👁	💧👁	💧	💧	💧👁	💧👁	💧👁	💧👁	💧👁	💧	
Baseline 06 / **Baseline 07** / **Lowline 05** / **Flare 33**	💧👁	💧👁	💧👁	💧	💧	💧👁	💧👁	💧👁	💧👁	💧👁	💧👁	💧
Eclipse 24 *(dark to light)*	💧	💧	💧	💧👁	💧👁	💧	💧	💧	💧	💧	💧👁	💧👁
Highline 01 *(prismatic)* / **Highline 04**	💧👁	💧👁	💧👁	💧👁	💧	💧👁	💧👁	💧👁	💧👁	💧👁	💧👁	💧
Baseline 05 / **Baseline 08** / **Highline 02** *(prismatic)* / **Highline 03** *(prismatic)*	💧👁	💧👁	💧👁	💧👁	💧👁	💧👁	💧👁	💧👁	💧👁	💧👁	💧👁	💧👁

* Lumen values are based of 4000K Natural White options Unless stated visual performance based off opal diffuser option

💧 THERMAL MANAGEMENT

Suitable for thermal management

Aluminium profile is a good way of transferring heat away from LED ribbon strip. Smaller profiles, particularly when recessed transfer less heat away from the LED. In these applications higher wattages of LED ribbon strip should be avoided to prevent overheating of the chips and components.

👁 GOOD VISUAL PERFORMANCE

Recommended for glare management and/or to prevent LED dotting. Indications are based on the size of the profile model, diffuser material, shape, and level of light diffusion; and the wattage and features of the specific LED ribbon. This includes considerations such as:

- Profiles where the diffuser is close to the LED ribbon could cause visual dotting, the use of COB ribbon is recommended to prevent this.
- Narrow aperture and 'U' shaped diffusers will have a higher glare perception
- Semi-recessed diffusers will have a lower glare perception
- Indirect lighting will not require glare management and (provided thermally safe) can have higher wattages
- Where prismatic diffuser is available higher wattage ribbons can be considered due to improved glare management

BASELINE 01

FEATURES

- W20 × H15mm
- Prismatic diamond-cut or opal diffuser (continuous up to 50m - by request)
- Anodised aluminium, black or white powder-coat finishes
- Self-countersinking screw design
- Surface or recess mount
- Provides thermal management for LED ribbon up to a maximum of Pro 18 or equivalent
- For best visual performance, LED ribbon up to a maximum of Pro 12 or equivalent is recommended for glare management
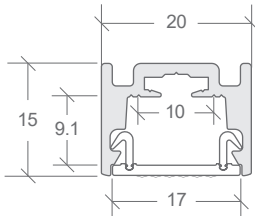
FINISH	DIFFUSER	CODE
ANODISED	ROLLED OPAL	BL-LP-B01V2ARO-XX
	ROLLED PRISMATIC	BL-LP-B01V2ARP-XX
BLACK	ROLLED OPAL	BL-LP-B01V2BRO-XX
	ROLLED PRISMATIC	BL-LP-B01V2BRP-XX
WHITE	ROLLED OPAL	BL-LP-B01V2WRO-XX
	ROLLED PRISMATIC	BL-LP-B01V2WRP-XX

XX = (2M) 2 METRE or (4M) 4 METRE LENGTHS

ACCESSORY	CODE
ALUMINIUM END CAP *W20 × H15 × D2MM*	BL-LP-B01V2X-EC
JOINER STRAIGHT	BL-LP-J101S
JOINER 90° CORNER	BL-LP-J102C
JOINER 120° CORNER	BL-LP-J121C
JOINER VERTICAL TO HORIZONTAL	BL-LP-J103VH

END CAPS SOLD INDIVIDUALLY
X = (A) ANODISED, (B) BLACK, OR (W) WHITE

DIMENSIONS

INSTALLATION

SELF-COUNTERSINKING
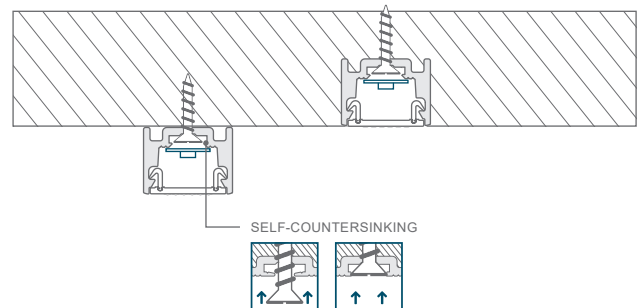
BASELINE 01 MINI

FEATURES

- W20 × H10mm
- Prismatic diamond-cut or opal diffuser (continuous up to 50m - by request)
- Anodised aluminium, black or white powder-coat finishes
- Self-countersinking screw design
- Surface or recess mount
- Provides thermal management for LED ribbon up to a maximum of 13 Watts or equivalent
- For best visual performance, COB LED is recommended to ensure a dot-free result

FINISH	DIFFUSER	CODE
ANODISED	ROLLED OPAL	BL-LP-B01MV2ARO-XX
	ROLLED PRISMATIC	BL-LP-B01MV2ARP-XX
BLACK	ROLLED OPAL	BL-LP-B01MV2BRO-XX
	ROLLED PRISMATIC	BL-LP-B01MV2BRP-XX
WHITE	ROLLED OPAL	BL-LP-B01MV2WRO-XX
	ROLLED PRISMATIC	BL-LP-B01MV2WRP-XX

XX = (2M) 2 METRE or (4M) 4 METRE LENGTHS

ACCESSORY	CODE
ALUMINIUM END CAP *W20 × H10 × D2MM*	BL-LP-B01MV2X-EC
JOINER STRAIGHT	BL-LP-J101S
JOINER 90° CORNER	BL-LP-J102C
JOINER 120° CORNER	BL-LP-J121C
JOINER VERTICAL TO HORIZONTAL	BL-LP-J103VH

END CAPS SOLD INDIVIDUALLY
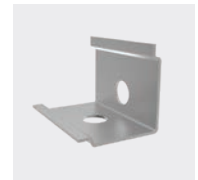*X = (A) ANODISED, (B) BLACK, OR (W) WHITE*

DIMENSIONS

INSTALLATION

SELF-COUNTERSINKING
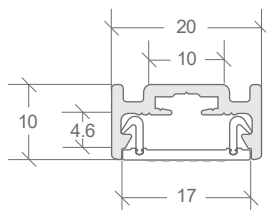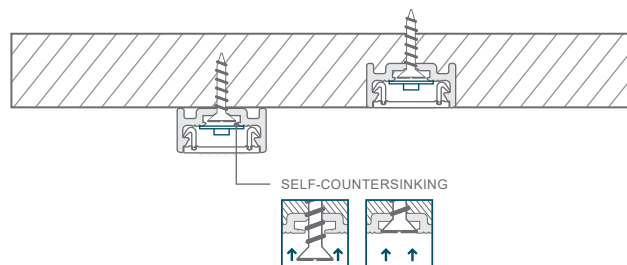
BASELINE 02

FEATURES

– W29.4 × H13mm
– Clear polycarbonate diffuser available
– Anodised aluminium
– Screw-fix or mount with 45° clip
– Provides thermal management for LED ribbon up to a maximum of Pro 30 or equivalent
– Designed as a heatsink for cove or concealed lighting

FINISH	DIFFUSER	CODE
ANODISED	CLEAR	BL-LP-B02AC-2M
	WITHOUT DIFFUSER	BL-LP-B02A-XX

XX = (2M) 2 METRE or (4M) 4 METRE LENGTHS

ACCESSORY	CODE
SPRING STEEL 45° MOUNTING CLIP	BL-LP-B02MC
JOINER STRAIGHT	BL-LP-J101S
JOINER 90° CORNER	BL-LP-J102C
JOINER 120° CORNER	BL-LP-J121C
JOINER VERTICAL TO HORIZONTAL	BL-LP-J103VH

BL-LP-B02MC

DIMENSIONS

INSTALLATION

SCREW MOUNTED

45° MOUNTING CLIP
DIFFUSER
LED STRIP
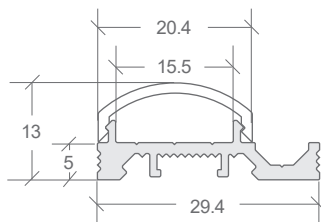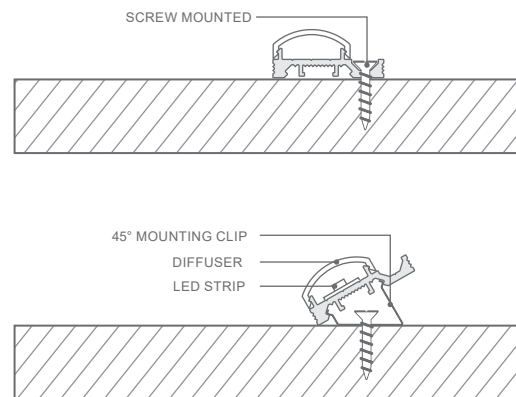
BASELINE 03

CORNER MOUNT END CAP BL-LP-B03A-CEC

FEATURES

– W18.5 × H15.6mm
– Curved frosted acrylic diffuser
– Anodised aluminium, black, or white powder-coat
– Screw-fix or mount with clip
– Corner or surface mount
– Provides thermal management for LED ribbon up to a maximum of Pro 18 or equivalent.
– For best visual performance, LED ribbon up to a maximum of Pro 12 or equivalent is recommended for glare management.

FINISH	DIFFUSER	CODE
ANODISED		BL-LP-B03AO-XX
BLACK	OPAL	BL-LP-B03BO-XX
WHITE		BL-LP-B03WO-XX

XX = (2M) 2 METRE or (4M) 4 METRE LENGTHS

ACCESSORY	CODE
ALUMINIUM CORNER END CAP *W18.5 × H22.4 × D2MM*	BL-LP-B03X-CEC
ALUMINIUM SURFACE END CAP *W18.5 × H15.6 × D2MM*	BL-LP-B03X-SEC
CORNER MOUNTING CLIP	CMC-15
JOINER STRAIGHT	BL-LP-J101S
JOINER 90° CORNER	BL-LP-J102C
JOINER 120° CORNER	BL-LP-J121C
JOINER VERTICAL TO HORIZONTAL	BL-LP-J103VH

END CAPS SOLD INDIVIDUALLY
*X = (A) ANODISED, (B) BLACK, OR (W) WHITE*

| BL-LP-B03X-CEC | BL-LP-B03X-SEC | CMC-15 |

DIMENSIONS

15.6
9
12.4
18.5

INSTALLATION

PROFILE
LED STRIP
DIFFUSER
CORNER MOUNTING CLIP
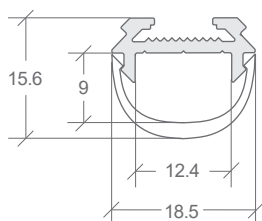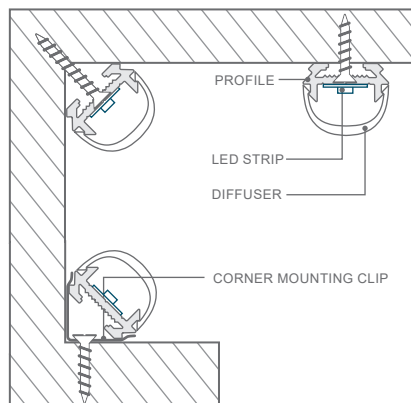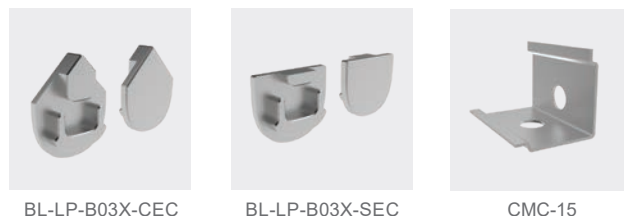
BASELINE 04

CORNER MOUNT END CAP BL-LP-B04A-CEC

FEATURES

– W18.5 × H15.3mm
– Rectangle frosted acrylic diffuser
– Anodised aluminium, black, or white powder-coat
– Screw-fix or mount with clip
– Corner or surface mount
– Provides thermal management for LED ribbon up to a maximum of Pro 18 or equivalent.
– For best visual performance, LED ribbon up to a maximum of Pro 12 or equivalent is recommended for glare management.

FINISH	DIFFUSER	CODE
ANODISED		BL-LP-B04AO-XX
BLACK	OPAL	BL-LP-B04BO-XX
WHITE		BL-LP-B04WO-XX

XX = (2M) 2 METRE or (4M) 4 METRE LENGTHS

ACCESSORY	CODE
ALUMINIUM CORNER END CAP *W18.5 × H22 × D2MM*	BL-LP-B04X-CEC
ALUMINIUM SURFACE END CAP *W18.5 × H15.3 × D2MM*	BL-LP-B04X-SEC
CORNER MOUNTING CLIP	CMC-15
JOINER STRAIGHT	BL-LP-J101S
JOINER 90° CORNER	BL-LP-J102C
JOINER 120° CORNER	BL-LP-J121C
JOINER VERTICAL TO HORIZONTAL	BL-LP-J103VH

END CAPS SOLD INDIVIDUALLY
X = (A) ANODISED, (B) BLACK, OR (W) WHITE

DIMENSIONS
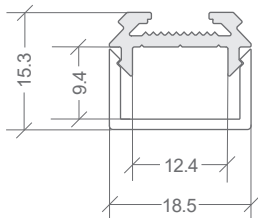
INSTALLATION
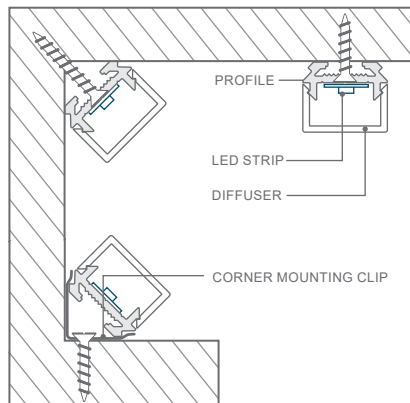
BL-LP-B04X-CEC	BL-LP-B04X-SEC	CMC-15

BASELINE 05
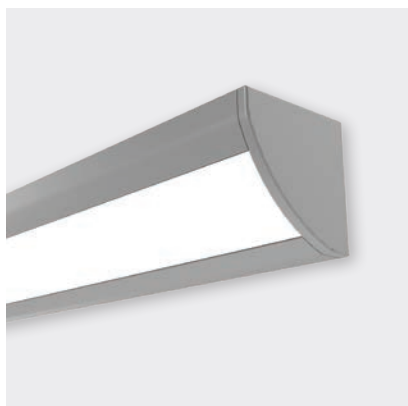
FEATURES

– 45° angle
– W25 × H25mm
– Opal polycarbonate diffuser
– Anodised aluminium, black, or white powder-coat
– Surface or corner mount
– Provides thermal management for LED ribbon up to a maximum of Pro 30 or equivalent
– Where the profile is mounted with indirect light, glare management is not required and (provided thermally safe) can have higher wattage LED products

FINISH	DIFFUSER	CODE
ANODISED	OPAL	BL-LP-B05AO-XX
BLACK		BL-LP-B05BO-XX
WHITE		BL-LP-B05WO-XX

XX = (2M) 2 METRE or (4M) 4 METRE LENGTHS

ACCESSORY	CODE
ALUMINIUM END CAP *W25 × H25 × D2MM*	BL-LP-B05X-EC
JOINER STRAIGHT	BL-LP-J101S
JOINER 90° CORNER	BL-LP-J102C
JOINER 120° CORNER	BL-LP-J121C
JOINER VERTICAL TO HORIZONTAL	BL-LP-J103VH

END CAPS SOLD INDIVIDUALLY
X = (A) ANODISED, (B) BLACK, OR (W) WHITE

DIMENSIONS

INSTALLATION

PROFILE

DIFFUSER

LED STRIP
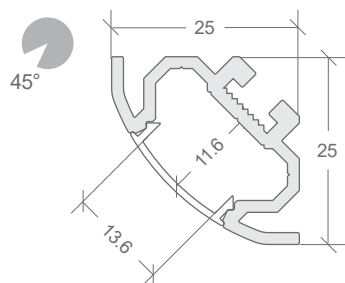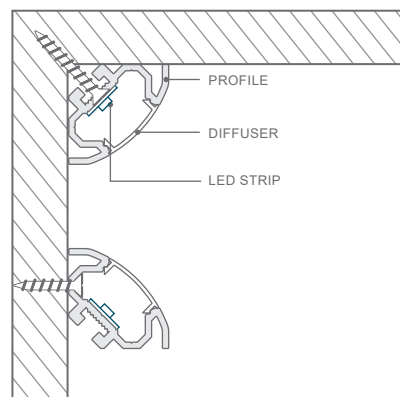
BASELINE 06
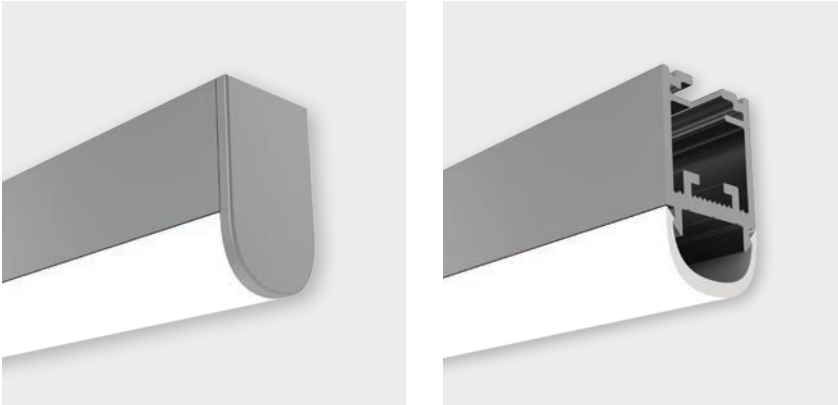
FEATURES

– W18.5mm × H31mm
– Curved frosted acrylic diffuser
– Anodised aluminium, black, or white powder-coat
– Suspend or surface mount
– Provides thermal management for LED ribbon up to a maximum of Pro 30 or equivalent
– For best visual performance, LED ribbon up to a maximum of Pro 12 or equivalent is recommended for glare management.

FINISH	DIFFUSER	CODE
ANODISED	OPAL	BL-LP-B06AO-XX
BLACK		BL-LP-B06BO-XX
WHITE		BL-LP-B06WO-XX

XX = (2M) 2 METRE or (4M) 4 METRE LENGTHS

ACCESSORY	CODE
ALUMINIUM END CAP *W18.5 × H31 × D2MM*	BL-LP-B06X-EC
JOINER STRAIGHT	BL-LP-J101S
JOINER 90° CORNER	BL-LP-J102C
JOINER 120° CORNER	BL-LP-J121C
CABLE BASE SURFACE MOUNT Ø80MM	BL-LP-S104X
CABLE BASE RECESSED Ø80MM	BL-LP-S105X
CABLE BASE MINI Ø38MM - SURFACE	BL-LP-S112X
SUSPENSION WIRE WITH BASE	BL-LP-S106X

END CAPS SOLD INDIVIDUALLY
X = (A) ANODISED, (B) BLACK, OR (W) WHITE

DIMENSIONS

BL-LP-S104X

BL-LP-S105X

BL-LP-S112X

INSTALLATION

SUSPENSION WIRE

PROFILE

DIFFUSER

LED STRIP
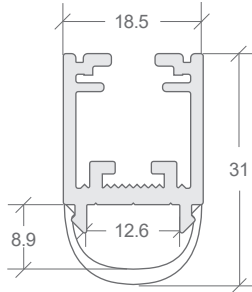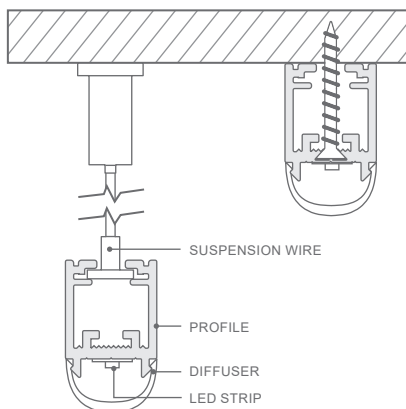
BASELINE 07
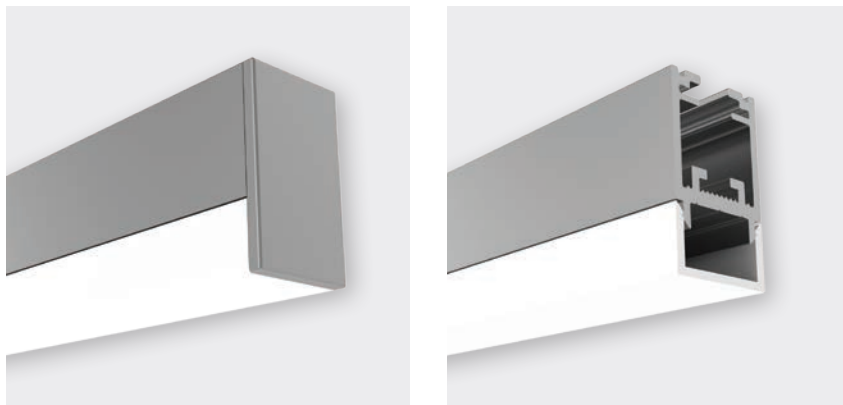
FEATURES

– W18.5mm × H31mm

– Rectangle frosted acrylic diffuser

– Anodised aluminium, black, or white powder-coat

– Suspend or surface mount

– Provides thermal management for LED ribbon up to a maximum of Pro 30 or equivalent

– For best visual performance, LED ribbon up to a maximum of Pro 12 or equivalent is recommended for glare management.

FINISH	DIFFUSER	CODE
ANODISED		BL-LP-B07AO-XX
BLACK	OPAL	BL-LP-B07BO-XX
WHITE		BL-LP-B07WO-XX

XX = (2M) 2 METRE or (4M) 4 METRE LENGTHS

ACCESSORY	CODE
ALUMINIUM END CAP *W18.5 × H31 × D2MM*	BL-LP-B07X-EC
JOINER STRAIGHT	BL-LP-J101S
JOINER 90° CORNER	BL-LP-J102C
JOINER 120° CORNER	BL-LP-J121C
CABLE BASE SURFACE MOUNT Ø80MM	BL-LP-S104X
CABLE BASE RECESSED Ø80MM	BL-LP-S105X
CABLE BASE MINI Ø38MM - SURFACE	BL-LP-S112X
SUSPENSION WIRE WITH BASE	BL-LP-S106X

END CAPS SOLD INDIVIDUALLY
X = (A) ANODISED, (B) BLACK, OR (W) WHITE

DIMENSIONS

18.5
31
9.4
12.6

BL-LP-S104X	BL-LP-S105X	BL-LP-S112X

INSTALLATION

SUSPENSION WIRE

PROFILE

DIFFUSER

LED STRIP
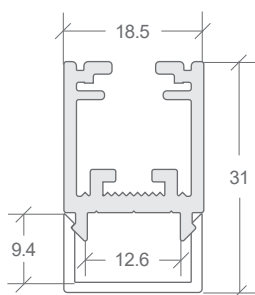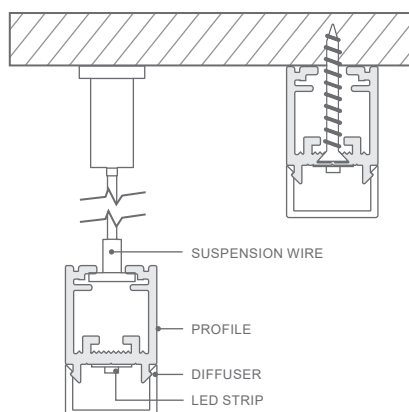
BASELINE 08
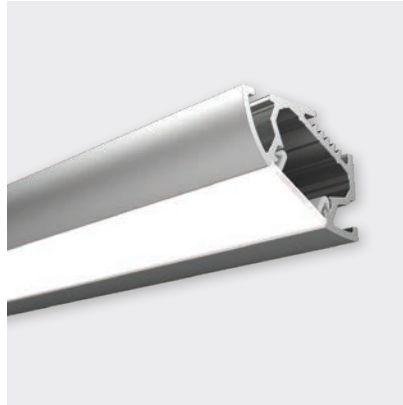
FEATURES

- Interchangeable angle of 30° or 60° dependant on mounting position
- W32mm × H25mm
- Prismatic diamond-cut or opal diffuser (continuous up to 50m - by request)
- Anodised aluminium, black, or white powder-coat
- Surface mount
- Provides thermal management for LED ribbon up to a maximum of Pro 30 or equivalent
- Where the profile is mounted with indirect light, glare management is not required and (provided thermally safe) can have higher wattage LED products.

FINISH	DIFFUSER	CODE
ANODISED	ROLLED OPAL	BL-LP-B08ARO-XX
	ROLLED PRISMATIC	BL-LP-B08ARP-XX
BLACK	ROLLED OPAL	BL-LP-B08BRO-XX
	ROLLED PRISMATIC	BL-LP-B08BRP-XX
WHITE	ROLLED OPAL	BL-LP-B08AWO-XX
	ROLLED PRISMATIC	BL-LP-B08WRP-XX

XX = (2M) 2 METRE or (4M) 4 METRE LENGTHS

ACCESSORY	CODE
ALUMINIUM RIGHT & LEFT END CAP 2 PACK *W32 × H25.25 × D2MM*	BL-LP-B08X-EC-P
ALUMINIUM LEFT END CAP	BL-LP-B08X-LEC
ALUMINIUM RIGHT END CAP	BL-LP-B08X-REC

X = (A) ANODISED, (B) BLACK, OR (W) WHITE

DIMENSIONS
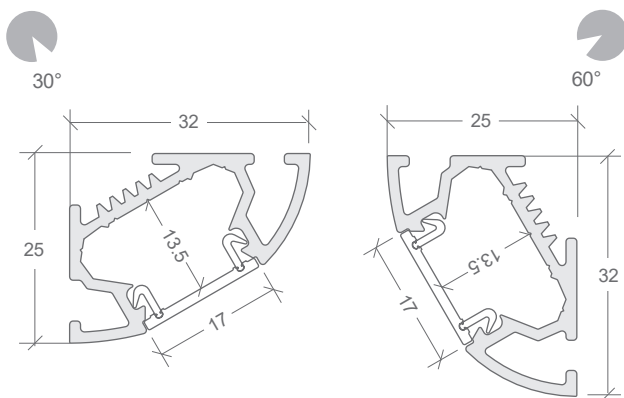
INSTALLATION
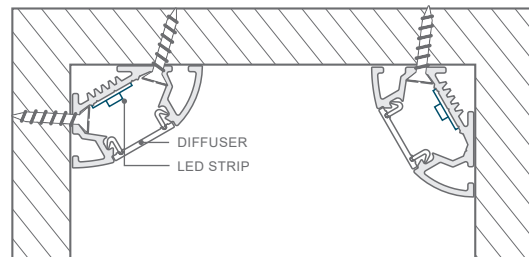
UNDER BENCH LIGHTING. LOWLINE 01 + 9W LED RIBBON, 3000K
EPSOM, AUCKLAND

LOWLINE 01

FEATURES

– W20 × H14mm
– Prismatic diamond-cut or opal diffuser (continuous up to 50m - by request)
– Anodised aluminium
– Recess via friction-fit mounting system
– Trimless profile for recessing into cabinetry
– Provides thermal management and best visual performance for LED ribbon up to a maximum of Pro 12 or equivalent

FINISH	DIFFUSER	CODE
ANODISED	ROLLED OPAL	BL-LP-L01V2ARO-XX
	ROLLED PRISMATIC	BL-LP-L01V2ARP-XX

XX = (2M) 2 METRE or (4M) 4 METRE LENGTHS

ACCESSORY	CODE
ALUMINIUM END CAP *W20 × H14 × D2MM*	BL-LP-L01V2A-EC

*END CAPS SOLD INDIVIDUALLY*
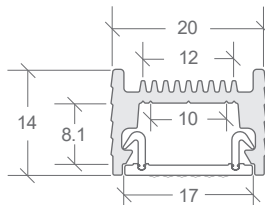
DIMENSIONS

INSTALLATION

Friction-fit recess - requires rebate groove of 20.3mm (anodised) or 20.5mm (black or white powder-coat).

Bright Light recommends testing first to ensure a good fit.
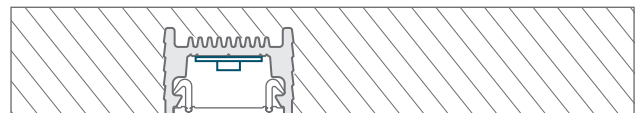
LOWLINE 01 MINI

FEATURES

- W20 × H10mm
- Prismatic diamond-cut or opal diffuser (continuous up to 50m - by request)
- Anodised aluminium
- Recess via friction-fit mounting system
- Trimless profile for recessing into cabinetry
- Provides thermal management for LED ribbon up to a maximum of 13 Watts or equivalent
- For best visual performance, COB LED is recommended to ensure a dot-free result

FINISH	DIFFUSER	CODE
ANODISED	ROLLED OPAL	BL-LP-L01MV2ARO-XX
	ROLLED PRISMATIC	BL-LP-L01MV2ARP-XX

XX = (2M) 2 METRE or (4M) 4 METRE LENGTHS

ACCESSORY	CODE
ALUMINIUM END CAP *W20 × H10 × D2MM*	BL-LP-L01MV2A-EC

END CAPS SOLD INDIVIDUALLY
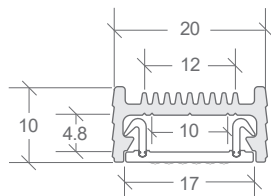
DIMENSIONS

INSTALLATION

Friction-fit recess - requires rebate groove of 20.3mm (anodised) or 20.5mm (black or white powder-coat).

Bright Light recommends testing first to ensure a good fit.

LOWLINE 02

FEATURES

– W27mm × H15mm (including 3mm trim)
– Prismatic diamond-cut or opal diffuser (continuous up to 50m - by request)
– Anodised aluminium, black or white powder-coat finishes
– Recess via friction-fit mounting system
– Recess into cabinetry with trim
– Provides thermal management and best visual performance for LED ribbon up to a maximum of Pro 12 or equivalent

FINISH	DIFFUSER	CODE
ANODISED	ROLLED OPAL	BL-LP-L02V2ARO-XX
	ROLLED PRISMATIC	BL-LP-L02V2ARP-XX
BLACK	ROLLED OPAL	BL-LP-L02V2BRO-XX
	ROLLED PRISMATIC	BL-LP-L02V2BRP-XX
WHITE	ROLLED OPAL	BL-LP-L02V2AWO-XX
	ROLLED PRISMATIC	BL-LP-L02V2WRP-XX

XX = (2M) 2 METRE or (4M) 4 METRE LENGTHS

ACCESSORY	CODE
ALUMINIUM END CAP *W27 × H15 × D2MM (D5MM INCL TRIM)*	BL-LP-L02V2X-EC

END CAPS SOLD INDIVIDUALLY
*X = (A) ANODISED, (B) BLACK, OR (W) WHITE*
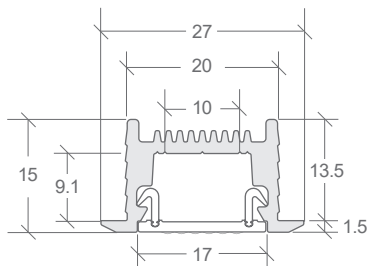
DIMENSIONS

INSTALLATION

Friction-fit recess - requires rebate groove of 20.3mm (anodised) or 20.5mm (black or white powder-coat).
Bright Light recommends testing first to ensure a good fit.
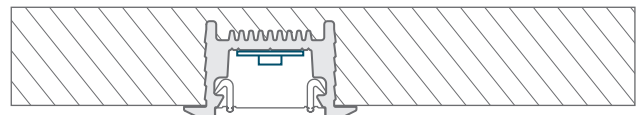
LOWLINE 02 MINI
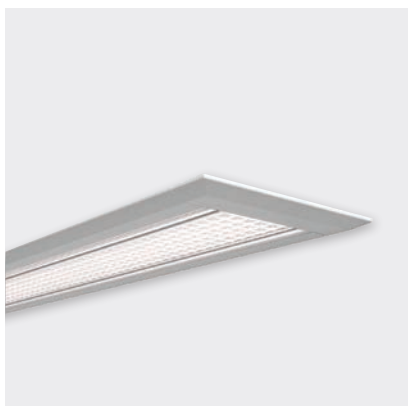
FEATURES

– W27mm × H10mm (including 3mm trim)
– Prismatic diamond-cut or opal diffuser (continuous up to 50m - by request)
– Anodised aluminium, black or white powder-coat finishes
– Recess via friction-fit mounting system
– Provides thermal management for LED ribbon up to a maximum of 13 Watts or equivalent
– For best visual performance, COB LED is recommended to ensure a dot-free result

FINISH	DIFFUSER	CODE
ANODISED	ROLLED OPAL	BL-LP-L02MV2ARO-XX
	ROLLED PRISMATIC	BL-LP-L02MV2ARP-XX
BLACK	ROLLED OPAL	BL-LP-L02MV2BRO-XX
	ROLLED PRISMATIC	BL-LP-L02MV2BRP-XX
WHITE	ROLLED OPAL	BL-LP-L02MV2AWO-XX
	ROLLED PRISMATIC	BL-LP-L02MV2WRP-XX

XX = (2M) 2 METRE or (4M) 4 METRE LENGTHS

ACCESSORY	CODE
ALUMINIUM END CAP *W27 × H10 × D2MM (D5MM INCL TRIM)*	BL-LP-L02MV2X-EC

END CAPS SOLD INDIVIDUALLY
X = (A) ANODISED, (B) BLACK, OR (W) WHITE
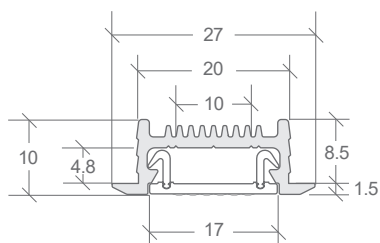
DIMENSIONS

INSTALLATION

Friction-fit recess - requires rebate groove of 20.3mm (anodised) or 20.5mm (black or white powder-coat).

Bright Light recommends testing first to ensure a good fit.
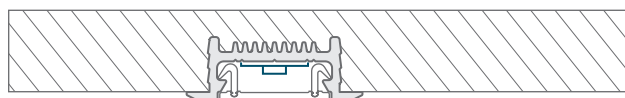
LOWLINE 03
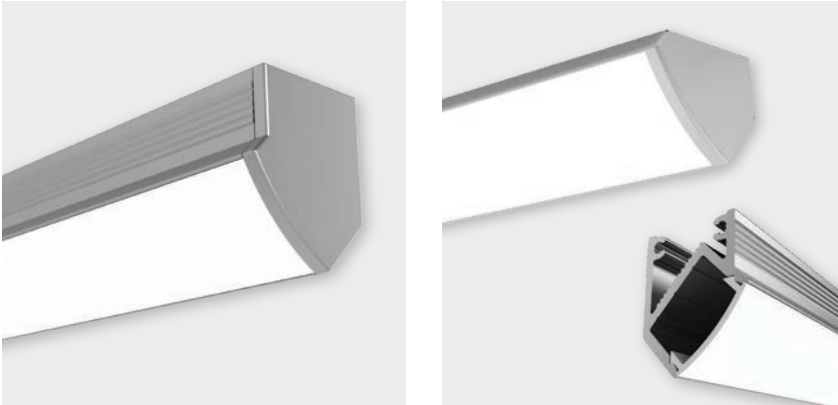
FEATURES

– 45° angle
– W18 × H25.1mm
– Opal or clear polycarbonate diffuser
– Anodised aluminium, black or white powder-coat finishes
– Recess via friction-fit mounting system
– Recess into cabinetry with an angle detail
– Provides thermal & visual management for LED ribbon up to a maximum of Pro 18 or equivalent
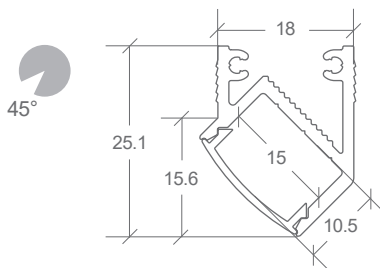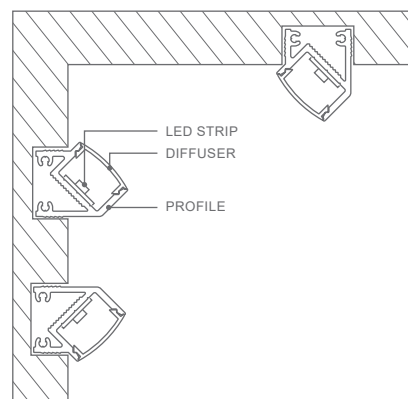
FINISH	DIFFUSER	CODE
ANODISED	OPAL	BL-LP-L03AO-XX
	CLEAR	BL-LP-L03AC-2M
BLACK	OPAL	BL-LP-L03BO-XX
	CLEAR	BL-LP-L03BC-2M
WHITE	OPAL	BL-LP-L03WO-XX
	CLEAR	BL-LP-L03WC-2M

XX = (2M) 2 METRE or (4M) 4 METRE LENGTHS

ACCESSORY	CODE
ALUMINIUM RIGHT & LEFT END CAP 2 PACK *W18 × H25.1 × D2MM*	BL-LP-L03X-EC-P

X = (A) ANODISED, (B) BLACK, OR (W) WHITE

DIMENSIONS

45°

18
25.1
15.6
15
10.5

INSTALLATION

Friction-fit recess - requires rebate groove of 18.3mm (anodised) or 18.5mm (black or white powder-coat).

Bright Light recommends testing first to ensure a good fit.

LED STRIP
DIFFUSER
PROFILE

LOWLINE 04

FEATURES

– W40 × H15.5mm (with 10mm trim)

– Opal polycarbonate diffuser

– Anodised aluminium, black or white powder-coat finishes

– Recess with screw-fix

– Wide trim ensures clean finish

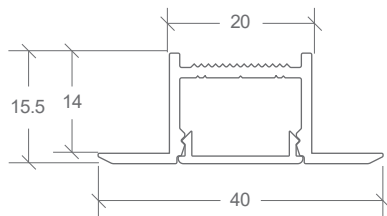– Provides thermal & visual management for LED ribbon up to a maximum of Pro 12 or equivalent

FINISH	DIFFUSER	CODE
ANODISED		BL-LP-L04AO-XX
BLACK	OPAL	BL-LP-L04BO-XX
WHITE		BL-LP-L04WO-XX

XX = (2M) 2 METRE or (4M) 4 METRE LENGTHS

ACCESSORY	CODE
ALUMINIUM END CAP *W40 × H15.5 × D2MM (D12MM INCL TRIM)*	BL-LP-L04X-EC

X = (A) ANODISED, (B) BLACK, OR (W) WHITE

DIMENSIONS

INSTALLATION

Recess - rebate groove can be between 21–35mm wide
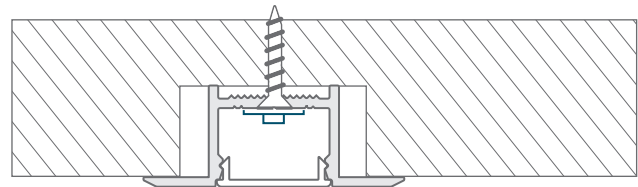
LOWLINE 05

FEATURES

– W55mm × H24mm (with 10mm trim)
– Opal polycarbonate diffuser
– Anodised aluminium, black or white powder-coat finishes
– Recess with screw-fix or via mount clip
– Wide trim ensures clean finish
– Provides thermal management for LED ribbon up to a maximum of Pro 30 or equivalent.
– For best visual performance, LED ribbon up to a maximum of Pro 12 or equivalent is recommended for glare management.

FINISH	DIFFUSER	CODE
ANODISED		BL-LP-L05AO-XX
BLACK	OPAL	BL-LP-L05BO-XX
WHITE		BL-LP-L05WO-XX

XX = (2M) 2 METRE or (4M) 4 METRE LENGTHS

ACCESSORY	CODE
ALUMINIUM END CAP *W55 × H24.9 × D2MM (D12MM INCL TRIM)*	BL-LP-L05X-EC
LOWLINE 05 MOUNTING CLIP *(EACH)*	BL-LP-L05-MC
JOINER STRAIGHT	BL-LP-J101S
JOINER 90° CORNER	BL-LP-J102C
JOINER 120° CORNER	BL-LP-J121C
JOINER VERTICAL TO HORIZONTAL	BL-LP-J103VH

X = (A) ANODISED, (B) BLACK, OR (W) WHITE
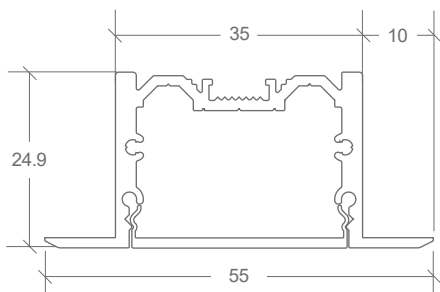
DIMENSIONS

35
10
24.9
55

## INSTALLATION

SEE INSTALLATION GUIDE FOR DETAILED INSTRUCTIONS.
When recessed with mounting clips, Lowline 04 requires a cut out of 40-50mm. Mounting clips suitable for up to 15mm ceiling.
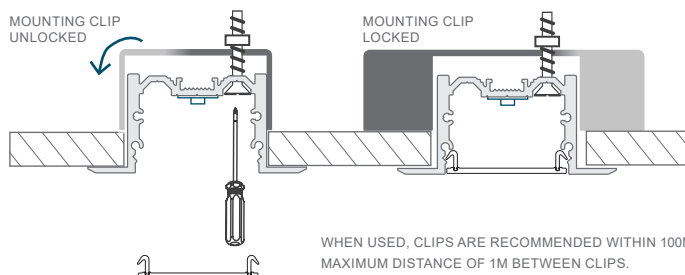
MOUNTING CLIP

MOUNTING CLIP UNLOCKED

MOUNTING CLIP LOCKED

SCREW-FIT

WHEN USED, CLIPS ARE RECOMMENDED WITHIN 100MM OF EACH END & EVENLY SPACED ALONG LENGTH.
MAXIMUM DISTANCE OF 1M BETWEEN CLIPS.
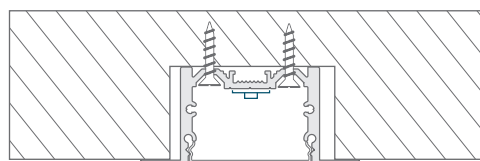
HIGHLINE 01

FEATURES

– W35mm × H24mm

– Prismatic diamond-cut diffuser
  (continuous up to 50m - by request)

– Anodised aluminium, black or white
  powder-coat finishes

– Suspend or surface mount

– General and task lighting

– Provides thermal management for LED
  ribbon up to a maximum of Pro 30 or
  equivalent

– For best visual performance, LED ribbon
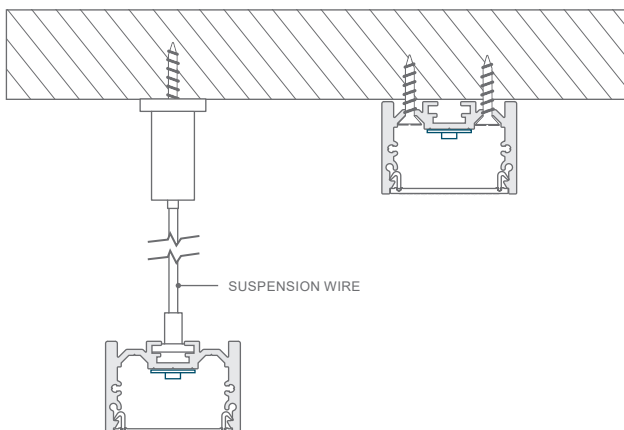 up to a maximum of Pro 18 or equivalent is
  recommended for glare management

FINISH	DIFFUSER	CODE
ANODISED		BL-LP-H01V2ARP-XX
BLACK	ROLLED PRISMATIC	BL-LP-H01V2BRP-XX
WHITE		BL-LP-H01V2WRP-XX

XX = (2M) 2 METRE or (4M) 4 METRE LENGTHS
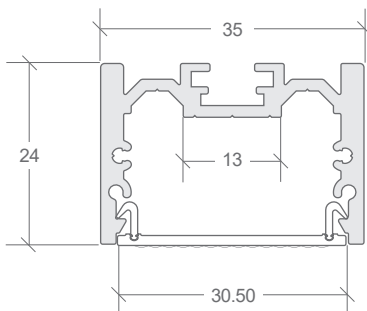
ACCESSORY	CODE
ALUMINIUM END CAP *W35 × H24 × D2MM*	BL-LP-H01V2X-EC
GIB CHANNEL 2M	BL-LP-GIBH01-2M
GIB CHANNEL END CAP	BL-LP-GIBH01-EC
CABLE BASE SURFACE MOUNT Ø80MM	BL-LP-S104X
CABLE BASE RECESSED Ø80MM	BL-LP-S105X
CABLE BASE MINI Ø38MM - SURFACE	BL-LP-S112X
SUSPENSION WIRE WITH BASE	BL-LP-S106X
JOINER STRAIGHT	BL-LP-J101S
JOINER 90° CORNER	BL-LP-J102C
JOINER 120° CORNER	BL-LP-J121C

END CAPS SOLD INDIVIDUALLY
X = (A) ANODISED, (B) BLACK, OR (W) WHITE

DIMENSIONS

INSTALLATION

SUSPENSION WIRE

GIB CHANNEL
WITH END CAP
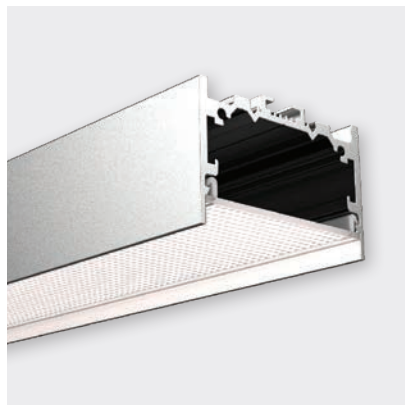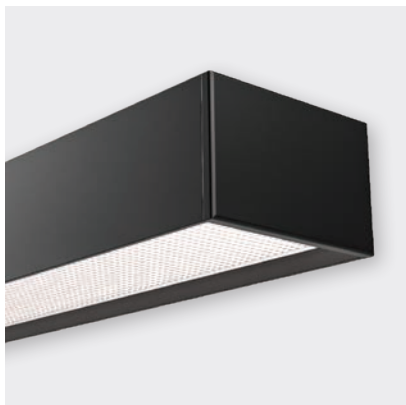

BL-LP-S104X

BL-LP-S105X

BL-LP-S112X

HIGHLINE 02 ZIG ZAG INSTALLATION
*PENROSE, AUCKLAND*

HIGHLINE 02

FEATURES

– W51.2 × H33mm

– Prismatic diamond-cut diffuser
(continuous up to 50m - by request)

– Anodised aluminium, black or white
powder-coat finishes

– Suspend or surface mount

– General and task lighting

– Provides thermal management for LED
ribbon up to a maximum of Pro 30 or
equivalent

– Semi-recessed diffusers have a lower glare
perception and (provided thermally safe)
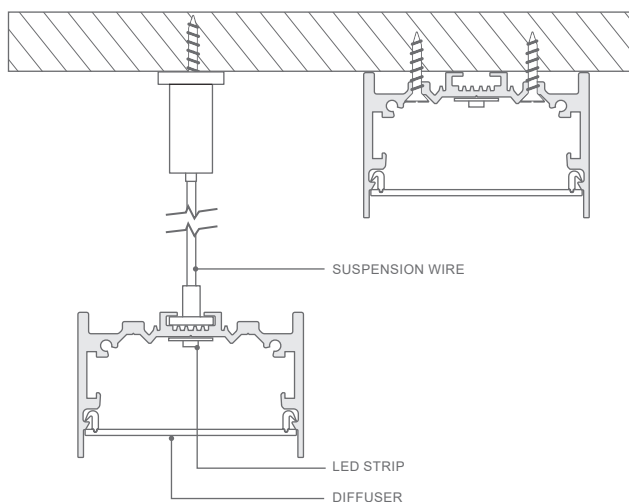can have higher wattage LED products.

FINISH	DIFFUSER	CODE
ANODISED		BL-LP-H02V2ARP-XX
BLACK	ROLLED PRISMATIC	BL-LP-H02V2BRP-XX
WHITE		BL-LP-H02V2WRP-XX

XX = (2M) 2 METRE or (4M) 4 METRE LENGTHS
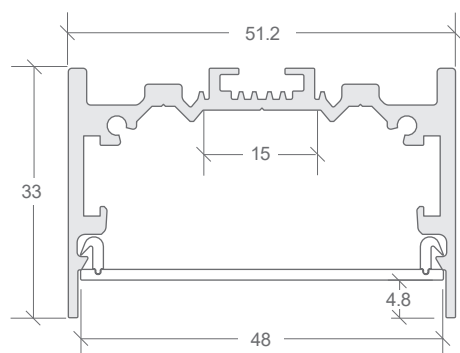
ACCESSORY	CODE
ALUMINIUM END CAP *W51.2 × H33 × D3MM*	BL-LP-H02V2X-EC
JOINER STRAIGHT FOR H02 / H03	BL-LP-J211
CABLE BASE SURFACE MOUNT Ø80MM	BL-LP-S104X
CABLE BASE RECESSED Ø80MM	BL-LP-S105X
CABLE BASE MINI Ø38MM - SURFACE	BL-LP-S112X
SUSPENSION WIRE WITH BASE	BL-LP-S106X

END CAPS SOLD INDIVIDUALLY
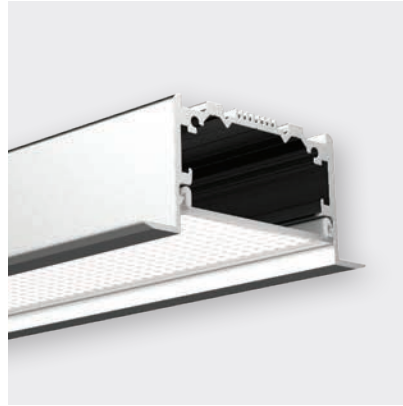*X = (A) ANODISED, (B) BLACK, OR (W) WHITE*

DIMENSIONS

BL-LP-S104X	BL-LP-S105X	BL-LP-S112X

INSTALLATION

SUSPENSION WIRE

LED STRIP

DIFFUSER

HIGHLINE 03

FEATURES

– W70 × H30.9mm (with 9mm trim)

– Prismatic diamond-cut diffuser (continuous up to 50m - by request)

– Anodised aluminium, black or white powder-coat finishes

– Recess via mounting clip or screw-fix

– General and task lighting

– Provides thermal management for LED ribbon up to a maximum of Pro 30 or equivalent

– Semi-recessed diffusers have a lower glare perception and (provided thermally safe) can have higher wattage LED products.
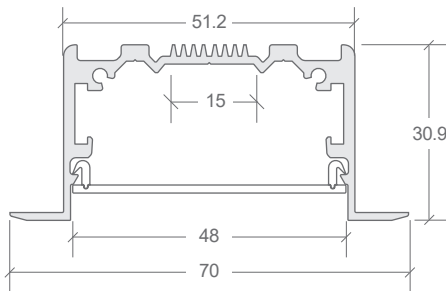
FINISH	DIFFUSER	CODE
ANODISED		BL-LP-H03V2ARP-XX
BLACK	ROLLED PRISMATIC	BL-LP-H03V2BRP-XX
WHITE		BL-LP-H03V2WRP-XX

XX = (2M) 2 METRE or (4M) 4 METRE LENGTHS

ACCESSORY	CODE
ALUMINIUM END CAP *W70 × H30.9 × D3MM (D11.30MM INCL TRIM)*	BL-LP-H03V2X-EC
HIGHLINE 03 MOUNTING CLIP	BL-LP-H03-MC
JOINER STRAIGHT FOR H02 / H03	BL-LP-J211

END CAPS SOLD INDIVIDUALLY
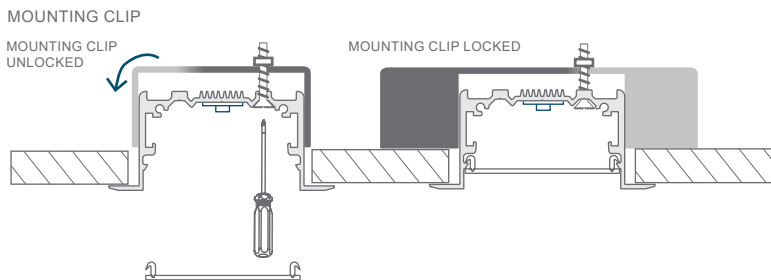*X = (A) ANODISED, (B) BLACK, OR (W) WHITE*
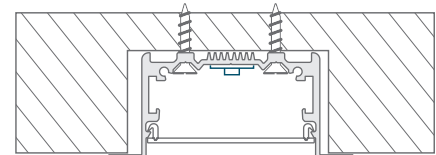
DIMENSIONS

INSTALLATION

SEE INSTALLATION GUIDE FOR DETAILED INSTRUCTIONS.
When recessed with mounting clips, Highline 03 requires a cut out of 56-65mm. Mounting clips suitable for up to 15mm ceiling.

MOUNTING CLIP

MOUNTING CLIP UNLOCKED

MOUNTING CLIP LOCKED

SCREW-FIT INSTALLATION

WHEN USED, CLIPS ARE RECOMMENDED WITHIN 100MM OF EACH END & EVENLY SPACED ALONG LENGTH.
MAXIMUM DISTANCE OF 1M BETWEEN CLIPS.

HIGHLINE 04

FEATURES

- Vandal-resistant opal acrylic diffuser (W31 × H6.3 × L2000mm)
- Anodised aluminium, black, or white powder-coat
- Surface mount
- General and task lighting
- Provides thermal management for LED ribbon up to a maximum of Pro 30 or equivalent.

FINISH	DIFFUSER	CODE
ANODISED		BL-LP-H04AOA-XX
BLACK	OPAL ACRYLIC	BL-LP-H04BOA-XX
WHITE		BL-LP-H04WOA-XX

XX = (2M) 2 METRE or (4M) 4 METRE LENGTHS
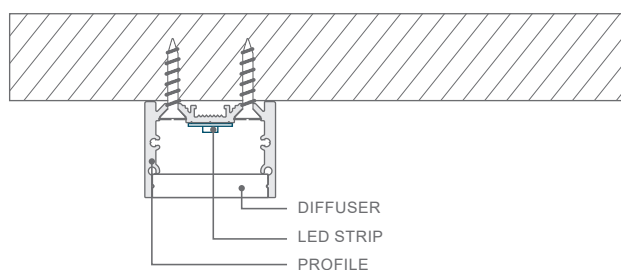
ACCESSORY	CODE
ALUMINIUM END CAP *W35 × H24.9 × D2MM*	BL-LP-H04X-EC
JOINER STRAIGHT	BL-LP-J101S
JOINER 90° CORNER	BL-LP-J102C
JOINER 120° CORNER	BL-LP-J121C
JOINER VERTICAL TO HORIZONTAL	BL-LP-J103VH

END CAPS SOLD INDIVIDUALLY
X = (A) ANODISED, (B) BLACK, OR (W) WHITE

DIMENSIONS

INSTALLATION
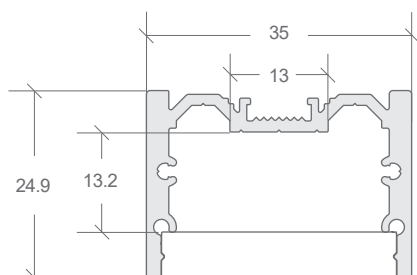
DIFFUSER
LED STRIP
PROFILE

HIGHLINE 05 50MM SUSPENDED IN OFFICE
RENDERED IMAGE

HIGHLINE 05 LUMINAIRE | 57 × 50MM

FEATURES

- Down lighting only
- Suspended or surface mount options
- Prismatic diamond-cut diffuser (continuous)
- CRI 90+ & R9 60+
- 25W/m with 1900lm/m illumination
- Available in 2700K Extra warm white, 3000K Warm white or 4000K Natural white
- Silver, black or white powder-coat
- Standard flat or curved edge end caps
- External TRIAC dimmable driver

LIGHT SOURCE	LENGTH RANGES	CODE
DOWN ONLY	1000–2000MM	BL-H0550DX-20-XX
	2025–2500MM	BL-H0550DX-25-XX
	2525–3000MM	BL-H0550DX-30-XX

X = (A) SILVER, (B) BLACK, OR (W) WHITE
XX = (27) 2700K EXTRA WARM WHITE, (WW) 3000K WARM WHITE OR (NW) 4000K NATURAL WHITE

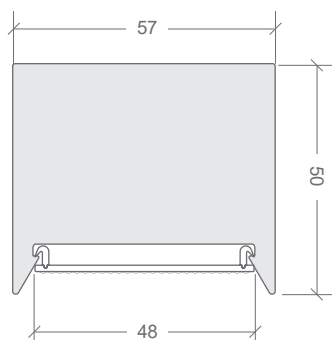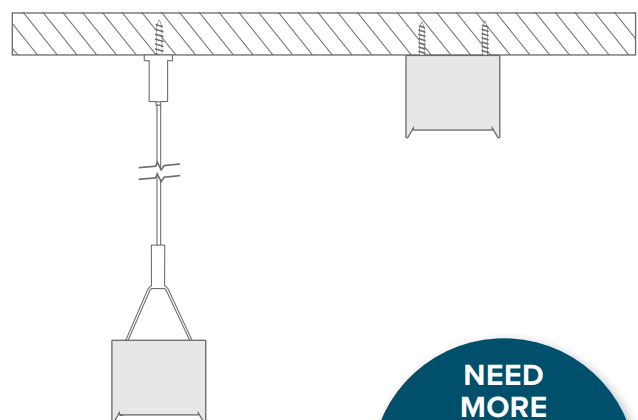| ACCESSORY	CODE
CABLE BASE SURFACE MOUNT Ø80MM	BL-LP-S104X
CABLE BASE RECESSED Ø80MM	BL-LP-S105X
CABLE BASE MINI Ø38MM - SURFACE	BL-LP-S112X

BL-LP-S104X	BL-LP-S105X	BL-LP-S112X

THESE ACCESSORIES ARE NOT INCLUDED AS STANDARD
X = (A) ANODISED, (B) BLACK, OR (W) WHITE

Designed & engineered in New Zealand

PROUDLY NEW ZEALAND MADE

DIMENSIONS

57
50
48

INSTALLATION

NEED MORE OPTIONS?

LEARN ABOUT CUSTOM BUILD PAGES 82–83!

HIGHLINE 05 78MM SUSPENDED OVER KITCHEN BENCH
RESIDENTIAL HOME

HIGHLINE 05 LUMINAIRE | 57 × 78MM

FEATURES

– Up & down lighting two-circuit control
– Down lighting only
– Suspended or surface mount options
– Prismatic diamond-cut diffuser (continuous)
– CRI 90+ & R9 60+
– Down light: 25W/m with 1900lm/m illumination
– Up light: 18W/m with 1100lm/m illumination
– Available in 2700K Extra warm white, 3000K Warm white or 4000K Natural white
– Silver, black or white powder-coat
– Standard flat or curved edge end caps
– Onboard TRIAC dimmable driver

LIGHT SOURCE	LENGTH RANGES	CODE
UP & DOWN	1000–2000MM	BL-H0578X-20-XX
	2025–2500MM	BL-H0578X-25-XX
	2525–3000MM	BL-H0578X-30-XX
DOWN ONLY	1000–2000MM	BL-H0578DX-20-XX
	2025–2500MM	BL-H0578DX-25-XX
	2525–3000MM	BL-H0578DX-30-XX

X = (A) SILVER, (B) BLACK, OR (W) WHITE
XX = (27) 2700K EXTRA WARM WHITE, (WW) 3000K WARM WHITE OR (NW) 4000K NATURAL WHITE

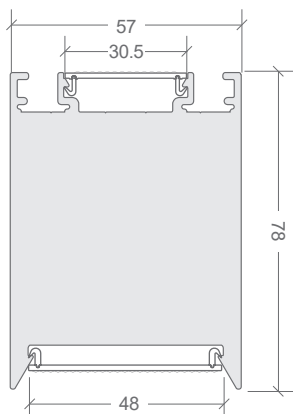| ACCESSORY	CODE
CABLE BASE SURFACE MOUNT Ø80MM	BL-LP-S104X
CABLE BASE RECESSED Ø80MM	BL-LP-S105X
CABLE BASE MINI Ø38MM - SURFACE	BL-LP-S112X

BL-LP-S104X	BL-LP-S105X	BL-LP-S112X

THESE ACCESSORIES ARE NOT INCLUDED AS STANDARD
X = (A) ANODISED, (B) BLACK, OR (W) WHITE

Designed & engineered in New Zealand

PROUDLY NEW ZEALAND MADE

DIMENSIONS

57
30.5
78
48

INSTALLATION

SUSPENSION WIRE

NEED MORE OPTIONS?

LEARN ABOUT CUSTOM BUILD PAGES 82–83!

HIGHLINE 05 100MM SUSPENDED LUMINAIRE
OFFICE MEETING ROOM

HIGHLINE 05 LUMINAIRE | 57 × 100MM

FEATURES

– Up & down lighting two-circuit control
– Down lighting only
– Suspended or surface mount options
– Prismatic diamond-cut diffuser (continuous)
– CRI 90+ & R9 60+
– Down light: 25W/m with 1900lm/m illumination
– Up light: 18W/m with 1100lm/m illumination
– Available in 2700K Extra warm white, 3000K Warm white or 4000K Natural white
– Silver, black or white powder-coat
– Standard flat or curved edge end caps
– Onboard TRIAC dimmable driver

LIGHT SOURCE	LENGTH RANGES	CODE
UP & DOWN	1000–2000MM	BL-H05100X-20-XX
	2025–2500MM	BL-H05100X-25-XX
	2525–3000MM	BL-H05100X-30-XX
DOWN ONLY	1000–2000MM	BL-H05100DX-20-XX
	2025–2500MM	BL-H05100DX-25-XX
	2525–3000MM	BL-H05100DX-30-XX

X = (A) SILVER, (B) BLACK, OR (W) WHITE
XX = (27) 2700K EXTRA WARM WHITE, (WW) 3000K WARM WHITE OR (NW) 4000K NATURAL WHITE

ACCESSORY	CODE
CABLE BASE SURFACE MOUNT Ø80MM	BL-LP-S104X
CABLE BASE RECESSED Ø80MM	BL-LP-S105X
CABLE BASE MINI Ø38MM - SURFACE	BL-LP-S112X

BL-LP-S104X

BL-LP-S105X

BL-LP-S112X

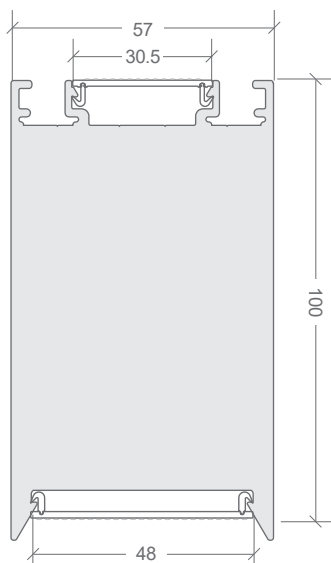THESE ACCESSORIES ARE NOT INCLUDED AS STANDARD
X = (A) ANODISED, (B) BLACK, OR (W) WHITE

Designed & engineered in New Zealand

DIMENSIONS

INSTALLATION

SUSPENSION WIRE
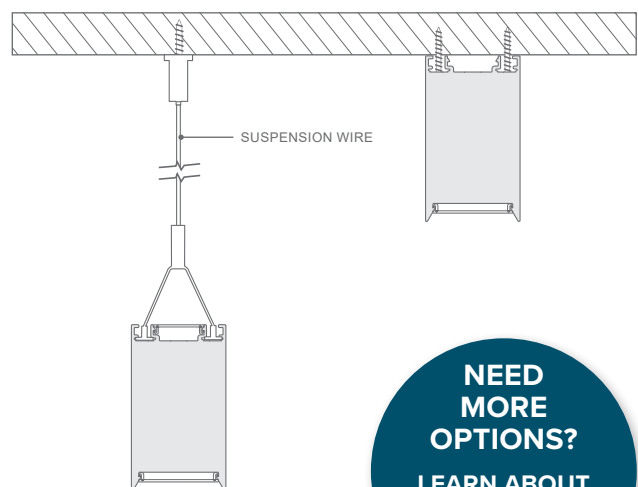
NEED MORE OPTIONS?

LEARN ABOUT CUSTOM BUILD PAGES 82–83!

HIGHLINE 05

CUSTOM-BUILD

LUMINAIRE

HIGHLINE 05 CUSTOM-BUILDS CAN BE PRODUCED IN BESPOKE SHAPES & CREATIVE DESIGNS TO SUIT YOUR SPACE

ANY LENGTH

CREATIVE SHAPES

CUSTOM COLOUR FINISHES

EXTRA MOUNTING OPTIONS

USING THE SAME COMPONENTS AS OUR HIGHLINE 05, CUSTOM-BUILD ALLOWS FOR MORE OPTIONS:

– **Creative shapes** such as squares, crosses, or even hexagons

– **Any length** can be possible, using joiners. Our rolled prismatic diffuser can give up to 50 metres of seamless diffusion!

– **Extra mounting options** such as rod suspension or wall mounting

– **Custom colour finishes** are available in a range of powder-coat colours and anodising options.

ALL CUSTOM-BUILDS HAVE EXTERNAL DRIVERS

FLARE 33

FINISH	CODE
ANODISED	FLARE.33A
BLACK	FLARE.33B
WHITE	FLARE.33W

FEATURES

– W70mm × H33mm (with 10mm trim)
– Flush mounted satin opal polycarbonate diffuser
– Anodised aluminium, black, or white powder-coat
– Recess via mounting clip or screw-fix

FLARE 33 is a large-scale product, designed for recessed applications. It can be screw fixed or mounted via a mounting clip system for easy installation.

Similar to its counterpart Highline 03, FLARE 33 offers a flush opal diffuser, perfect for residential and commercial lighting projects. The stylish trim allows for a forgiving installation ensuring a clean finish.
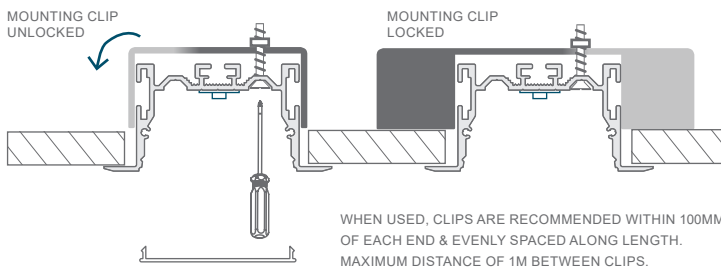
This product provides thermal management for LED ribbon up to a maximum of Pro 30 or equivalent.

For best visual performance, LED ribbon up to a maximum of Pro 12 or equivalent is recommended for glare management.

INSTALLATION

SEE INSTALLATION GUIDE FOR DETAILED NSTRUCTIONS.
When recessed with mounting clips requires cut out of 55-65mm, suitable for up to 15mm ceiling.

MOUNTING CLIP INSTALLATION

MOUNTING CLIP UNLOCKED

MOUNTING CLIP LOCKED

WHEN USED, CLIPS ARE RECOMMENDED WITHIN 100MM OF EACH END & EVENLY SPACED ALONG LENGTH. MAXIMUM DISTANCE OF 1M BETWEEN CLIPS.

SCREW-FIT INSTALLATION

DIMENSIONS

55–65MM CUT OUT
50
39
19
23.8
33
70
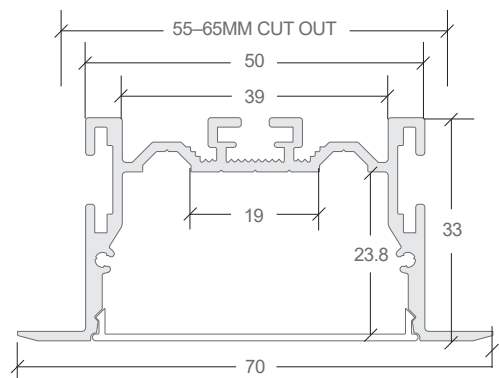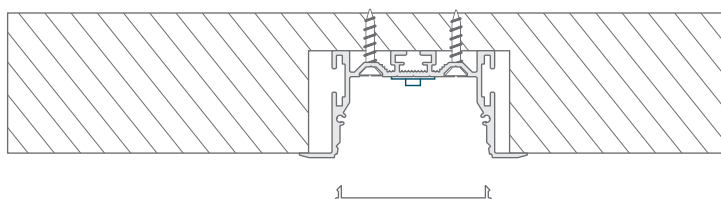
ECLIPSE 24 | DARK TO LIGHT DIFFUSER

FINISH	CODE
BLACK	ECLIPSE.24B

PROFILE IS BLACK AS STANDARD TO MATCH WITH DIFFUSER, BUT IS ALSO AVAILABLE IN SILVER OR WHITE FOR CONTRAST.

FEATURES

– W18.5 × H24mm (up to 4 metre lengths with joiners available)

– Dark to light PMMA diffuser

– Black powder-coat finish (profile can also be silver or white)

– Suspend, surface mount, or recess

ECLIPSE 24 is an inconspicuous lighting profile specifically designed to be camouflaged when not in use. When unpowered ECLIPSE 24 has the appearance of a solid black profile or stylish trim, if recessed.

When powered up the diffuser comes to life to provide a striking line of light. ECLIPSE 24 can be suspended, surface mounted, or recessed.

This product provides thermal management for LED ribbon up to a maximum of Pro 30 or equivalent.

Light transmission through the black diffuser is about 20–30%, therefore, higher wattage LED ribbon is recommended. For a brilliant white result use 5000–6000K LED ribbon, or alternatively, 3000K and 4000K options are also available.

INSTALLATION

SUSPENSION WIRE
BASE
LED STRIP
DIFFUSER

DIMENSIONS

18.5
24
11.4
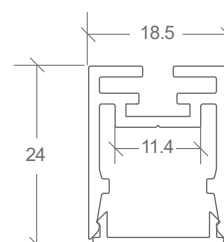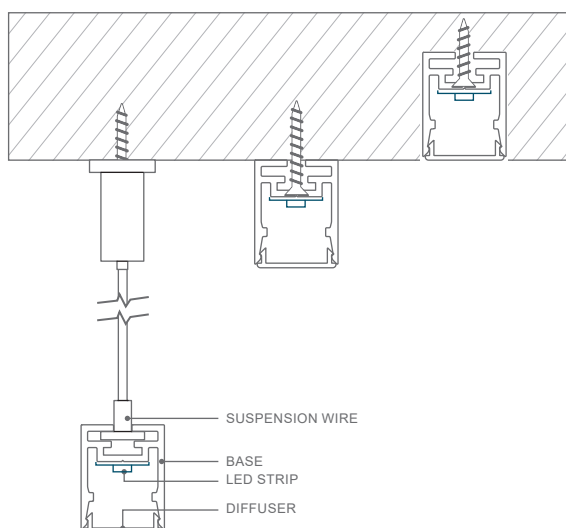
HORIZON 105 SUSPENDED BENCH FEATURE LIGHT
RENDERED RESIDENTIAL KITCHEN

HORIZON 105 | CUSTOM-BUILT PENDANT LUMINAIRE

FINISH	CODE
ANODISED	HORIZON.105A
BLACK	HORIZON.105B
WHITE	HORIZON.105W

CUSTOM-BUILT TO LENGTH!

FEATURES

– W18.5mm × H104.87mm
– Custom-built to lengths up to 4metres, or longer via joiners
– Rectangle frosted acrylic diffuser for down lighting and opal polycarbonate diffuser for up lighting
– Anodised aluminium, black, or white powder-coat
– Custom colour finishes available
– Suspend mount

HORIZON 105 is a sleek and stylish suspended profile that provides both down lighting and optional up lighting.

Using a rectangle diffuser HORIZON 105 is designed to be seen and provides 180 degree illumination. It is perfect as architectural feature lighting for both residential and commercial lighting projects.

This product provides thermal management for LED ribbon up to a maximum of Pro 30 or equivalent.

For best direct light visual performance, LED ribbon up to a maximum of Pro 12 or equivalent is recommended for glare management.

Indirect lighting will not require glare management and (providing thermally safe) can have higher wattage products

INSTALLATION
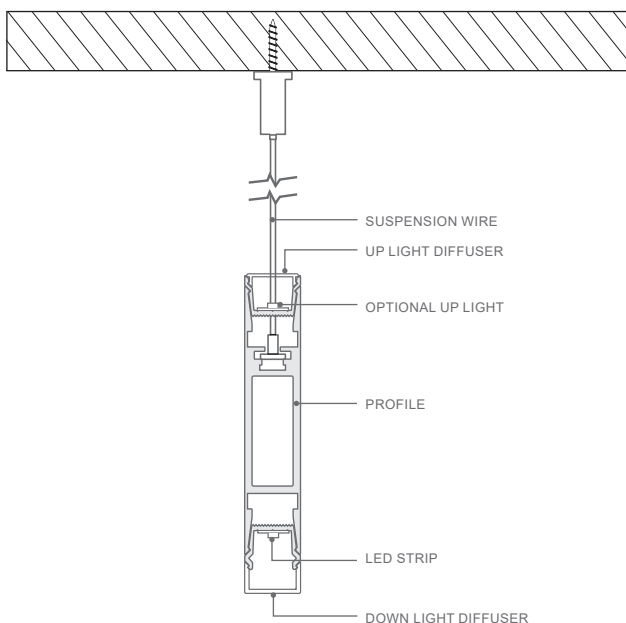
DIMENSIONS
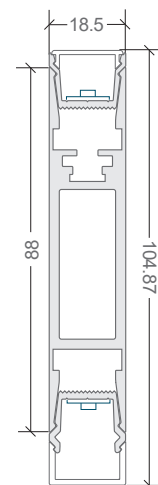
STORM 37 MEETING ROOM FEATURE LIGHTING
PENROSE, AUCKLAND

STORM 37 | CUSTOM-BUILT PENDANT LUMINAIRE

FINISH	CODE
ANODISED	STORM.37A
BLACK	STORM.37B
WHITE	STORM.37W

CUSTOM-BUILT TO LENGTH!

FEATURES

– W156mm × H37.6mm
– Custom-built to lengths up to 4metres, or longer via joiners
– Rectangle frosted acrylic diffusers for down lighting and satin opal polycarbonate diffuser for up lighting
– Anodised aluminium, black, or white powder-coat
– Custom colour finishes available
– Optional down light units available
– Suspend mount

STORM 37 is a sophisticated, suspended luminaire system that is perfect as an architectural feature or in general applications. A sleek, high powered solution with multiple lighting options, STORM is suitable for both residential and commercial lighting projects.

STORM 37 is designed with down lighting, optional up lighting and additional down light units available for situations where glare-free illumination is vital.

This product provides thermal management for LED ribbon up to a maximum of Pro 30 or equivalent.

For best direct light visual performance, LED ribbon up to a maximum of Pro 12 or equivalent is recommended for glare management.

Indirect lighting will not require glare management and (providing thermally safe) can have higher wattage products

INSTALLATION

SUSPENSION WIRE

DIMENSIONS

156

48

40

12

18.50

OPTIONAL DOWN LIGHT UNIT
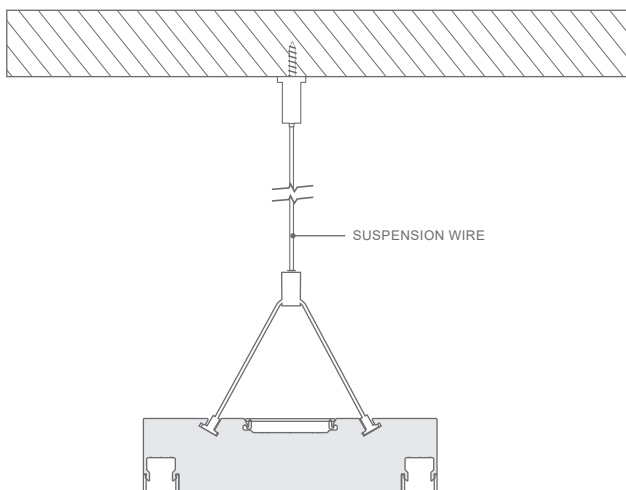
PROFILE ACCESSORIES

MOUNTING ACCESSORIES

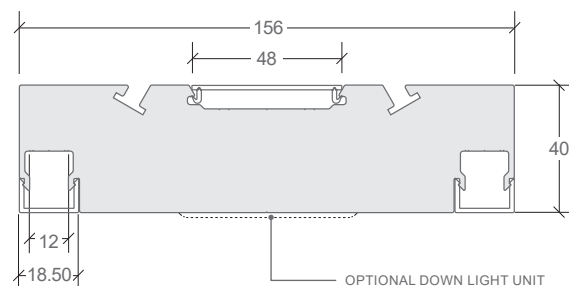| ACCESSORY	CODE
CABLE BASE SURFACE MOUNT	BL-LP-S104X
CABLE BASE RECESSED	BL-LP-S105X
CABLE BASE MINI 38MM	BL-LP-S112X
3-CORE CLEAR FLEX CABLE	BL-LP-S113CB-SAA
5-CORE CLEAR FLEX CABLE	BL-LP-S133CB
SUSPENSION WIRE WITH BASE	BL-LP-S106X
ANGLED SUSPENSION WIRE	BL-LP-S110A
Y SUSPENSION WIRE WITH BASE *(USED FOR HIGHLINE 05 & STORM 37)*	BL-LP-Y-SL
LOWLINE 05 RECESSED MOUNTING CLIP	BL-LP-L05-MC
HIGHLINE 03 RECESSED MOUNTING CLIP	BL-LP-H03-MC
BASELINE 03 / BASELINE 04 CORNER MOUNTING CLIP	CMC-15
BASELINE 02 45° CORNER MOUNTING CLIP	BL-LP-B02MC
GIB CHANNEL 2M *(USED WITH HIGHLINE 01 PROFILE)*	BL-LP-GIBH01-2M
GIB CHANNEL END CAP *(USED WITH GIB CHANNEL 2M)*	BL-LP-GIBH01-EC
END CAPS. AVAILABLE FOR ALL PROFILES (EXC BASELINE 02). *SEE INDIVIDUAL PROFILE SPEC SHEETS FOR CODES*	

X = (A) ANODISED, (B) BLACK OR (W) WHITE

CABLE BASE
SURFACE MOUNT
Ø80 × H22MM

CABLE BASE
RECESS MOUNT
Ø80 × H20MM
(3mm exposed)

CABLE BASE
MINI 38MM
Ø35MM

SUSPENSION WIRE
WITH BASE

ANGLED
SUSPENSION WIRE

Y SUSPENSION
WIRE WITH BASE

LOWLINE 05
MOUNTING CLIP

HIGHLINE 03
MOUNTING CLIP
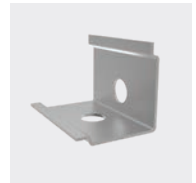
CORNER MOUNT CLIP
(FOR BASELINE 03 &
BASELINE 04)

BASELINE 02 45°
MOUNTING CLIP
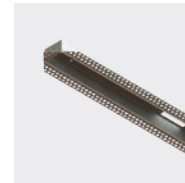
GIB CHANNEL
WITH END CAP
(FOR HIGHLINE 01)

END CAPS

JOINER ACCESSORIES

NOTE: LOWLINE MODELS DO NOT USE JOINERS AS THEY USE FRICTION-FIT.

ACCESSORY	CODE
JOINER STRAIGHT	BL-LP-J101S
JOINER STRAIGHT 2 × PACK *(FOR HIGHLINE 02 & HIGHLINE 03)*	BL-LP-J211
JOINER 90° CORNER	BL-LP-J102C
JOINER 120° CORNER	BL-LP-J121C
JOINER VERTICAL TO HORIZONTAL	BL-LP-J103VH

JOINERS ARE SUPPLIED WITH GRUB SCREWS

BL-LP-J101S

BL-LP-J102C

BL-LP-J121C

BL-LP-J103VH

BL-LP-J211

EXTERIOR UNDER EAVE LINEAR LIGHTING
TAMAKI ESTUARY RESIDENCE, AUCKLAND

POWER SUPPPIES

PLUG AND PLAY | 12V DC

CODE	OUTPUT WATTS	OUTPUT AMPS	AC INRUSH CURRENT	DIMENSIONS
PS-2.08A-12V	25W	2A	50A peak @ 230V	W54 × H36 × L93mm
PS-5.0A-12V	60W	5A	50A peak @ 230V	W50 × H33 × L124mm
PS-6.67A-12V	80W	6.6A	50A peak @ 230V	W60 × H32 × L145mm

INPUT VOLTS	230V AC	WARRANTY	3 years	INGRESS PROTECTION	Indoor use only
OPERATING TEMP.	0°C ~ +50°C	COMPLIANCE		ELECTRICAL PROTECTION	Overload, short circuit, overheat, and automatic re-start

PLUG AND PLAY | 24V DC

CODE	OUTPUT WATTS	OUTPUT AMPS	AC INRUSH CURRENT	DIMENSIONS
PS-1.04A-24V	25W	1A	50A peak @ 230V	W54 × H36 × L93mm
PS-2.5A-24V	60W	2.5A	60A peak @ 230V	W50 × H33 × L124mm
PS-3.75A-24V	90W	3.75A	50A peak @ 230V	W60 × H32 × L145mm
PS-5.0A-24V	120W	5A	90A peak @ 230V	W65 × H35 × L165mm

INPUT VOLTS	230V AC	WARRANTY	3 years	INGRESS PROTECTION	Indoor use only
OPERATING TEMP.	0°C ~ +50°C	COMPLIANCE		ELECTRICAL PROTECTION	Overload, short circuit, overheat, and automatic re-start

CONSTANT VOLTAGE | IP20

CODE	OUTPUT WATTS	OUTPUT AMPS	AC INRUSH CURRENT	DIMENSIONS
BL-PS-15-24	15W	0.62A	50A peak @ 230V	W45 × H19 × L123mm
BL-PS-30-24	30W	1.25A	60A peak @ 230V	W50 × H17 × L156mm
BL-PS-50-24	50W	2.08A	75A peak @ 230V	W58 × H18 × L160mm
BL-PS-75-24	75W	3.13A	75A peak @ 230V	W44.5 × H28.2 × L170mm
BL-PS-100-24	100W	4.17A	75A peak @ 230V	W65.5 × H31.2 × L180mm
BL-PS-150-24	150W	6.25A	75A peak @ 230V	W62.5 × H30.6 × L179.4mm
BL-PS-200-24	200W	8.33A	75A peak @ 230V	W67.1 × H31.2 × L195mm

INPUT VOLTS	200–240V AC	POWER FACTOR	15W: ≥0.5 ≥30W: ≥0.9	INGRESS PROTECTION	Indoor use only
OPERATING TEMP.	-20°C ~ +45°C	WARRANTY	3 years	ELECTRICAL PROTECTION	Overload, short circuit, overheat, and automatic re-start
DISTANCE FROM INSTALLATION (Secondary Output)	Recommended under 10 metres	COMPLIANCE		CONNECTION METHOD	Concealed screw terminals, 1.5mm max
				CONTROL	Dimmable on the secondary output only by PWM

CONSTANT VOLTAGE | SUPER THIN | IP20

CODE	OUTPUT WATTS	OUTPUT AMPS	AC INRUSH CURRENT	DIMENSIONS
BL-PS-100ST-24	100W	4.17A	50A peak @ 230V	W30 x H18.2 x L320.6mm
BL-PS-200ST-24	200W	8.33A	50A peak @ 230V	W32.1 x H22.3 x L356.4mm

24V DC

|					
INPUT VOLTS	200–240V AC	POWER FACTOR	≥0.9	INGRESS PROTECTION	Indoor use only
OPERATING TEMP.	-20°C ~ +45°C	WARRANTY	3 years	ELECTRICAL PROTECTION	Overload, short circuit, overheat, and automatic re-start
DISTANCE FROM INSTALLATION (Secondary Output)	Recommended under 10 metres	COMPLIANCE		CONNECTION METHOD	Concealed screw terminals
				CONTROL	Dimmable on the secondary output only by PWM

CONSTANT VOLTAGE | TRIAC DIMMABLE | IP20

CODE	OUTPUT WATTS	OUTPUT AMPS	AC INRUSH CURRENT	DIMENSIONS
BL-PS-60TD-24	60W	2.5A	50A, 50%, 136us@230VAC	W30 × H18.5 × L300mm
BL-PS-100TD-24	100W	4.17A	52A, 50%, 210us@230VAC	W30 × H22 × L330mm

24V DC

INPUT VOLTS	200–240V AC	POWER FACTOR	0.96	HOUSING	Plastic
REQUIRED LOAD	10% minimum	WARRANTY	3 years	INGRESS PROTECTION	IP20
OPERATING TEMP.	-40°C ~ +60°C	COMPLIANCE		ELECTRICAL PROTECTION	Overload, short circuit and overheat
				CONNECTION METHOD	Concealed screw terminals
				CONTROL	TRIAC dimmable

CONSTANT VOLTAGE | IP65
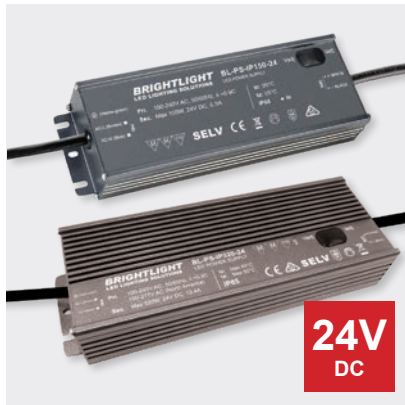
CODE	OUTPUT WATTS	OUTPUT AMPS	AC INRUSH CURRENT	DIMENSIONS
BL-PS-IP150-24	150W	6.3A	75A peak @ 230V	W61.5 × H36.5 × L220.8mm
BL-PS-IP250-24	250W	10.4A	45A peak @ 230V	W73.5 × H38 × L225.2mm
BL-PS-IP320-24	320W	13.4A	45A peak @ 230V	W84 × H41.3 × L246mm

– Adjustable output current (set to the max output amps by default)

– Adjustable voltage range (set to 24V by default)

INPUT VOLTS	100–240V AC 50/60Hz	POWER FACTOR	0.95	HOUSING	Aluminium
OPERATING TEMP.	-40°C ~ +60°C	VOLTAGE ADJUSTMENT RANGE	22–27V DC	INGRESS PROTECTION	IP65
DISTANCE FROM INSTALLATION *(Secondary Output)*	Recommended under 10 metres	CURRENT ADJUSTMENT RANGE	150W 3.8–6.3A 250W 6–10.4A 230W 6.7–13.4A	ELECTRICAL PROTECTION	Overload, short circuit, overheat, and automatic re-start
		WARRANTY	3 years	CONNECTION METHOD	*Input:* 300mm double-insulated 3-core flex *Output:* 300mm double-insulated 2-core flex
		COMPLIANCE		CONTROL	Dimmable on the secondary output only by PWM

CONSTANT VOLTAGE | TRIAC DIMMABLE | IP66

CODE	OUTPUT WATTS	OUTPUT AMPS	AC INRUSH CURRENT	DIMENSIONS
BL-PS-IP100D-24	100W	4.16A	30A @ 50%, 200us	W70 × H43 × L230mm
BL-PS-IP200D-24	200W	8.3A	55A @ 50%, 220us	W78 × H47 × L256mm

INPUT VOLTS	200–240V AC	POWER FACTOR	≥0.96	HOUSING	Aluminium
REQUIRED LOAD	10% minimum	WARRANTY	3 years	INGRESS PROTECTION	IP66
OPERATING TEMP.	-40°C ~ +60°C	COMPLIANCE		ELECTRICAL PROTECTION	Overload, short circuit and overheat
				CONNECTION METHOD	*Input:* 200mm double-insulated 3-core flex *Output:* 200mm double-insulated 2-core flex
				CONTROL	TRIAC dimmable

CONTROL

Bright Light have a wide range of LTECH and Italian made Nexta-Tech controllers & receivers for dimming and control of single colour, Tuneable white, RGB and RGBW LED ribbon. From sleek user interface touch remotes, to the powerful control units behind the scenes – there's a solution for every installation. Talk to our team about your project.

INDEPENDENT CONTROL
Options for hand held or wall mounted, wireless or wired controllers with various colour modes & functions.

FOR THE FULL RANGE VISIT: WWW.BRIGHTLIGHT.CO.NZ/COLLECTIONS/CONTROL

CONTROLLERS & DIMMERS

Compatible options for a wide range of lighting control systems. Talk to our team for the best solution for your project.

0/1-10V	REPEATERS	DMX	DALI	SPI	CASAMBI

Italian made Nexta-Tech control gear is a top of the line range, specializing in the development and production of professional wireless systems for lighting control.

An industry staple, LTECH control gear has a huge range of options.

PLANO-ONE.
A LITTLE BOX WITH BIG DREAMS.

- Universal control unit for constant voltage LED Ribbon
- Use phone app for control
- 12–24V DC
- Control single colour, CCT, RGB and RGBW
- RF, wired and OneSmart WiFi control

NEXTA-TECH

ONESMART   AMAZON ALEXA   GOOGLE HOME

CONTROL GEAR OVERVIEW

This overview gives information about types of dimming and the function of different control gear. It is only to be used as a guide as different brands and types of control gear may operate differently. Bright Light recommend discussing your project with one of our team to ensure you get the desired result.

CONTROLLER

These can be handheld remotes or hardwired controllers which control LED dimming or light colour. User control remotes are wireless and can be physical remotes or in some cases an app on your phone, both of these will require a wireless receiver. Hardwired controllers can generally connect directly to the LED ribbon.

Zones: Some remotes offer a set number of zones. These can be useful as they allow unique dimming/light colours to be set for different areas (receiver & LED installations). It's important to know what options you'll require for an installation to ensure you get the right gear.

WIRELESS RECEIVER

A wireless receiver takes instructions from a remote or software and converts them into electrical signals to control LED ribbon. For multiple LED installations you may require multiple repeaters or wireless receivers.

When used in place of repeaters, these can perform the same function without the need for a signal wire. They are perfect for installations where a signal wire connection is not possible due to barriers or where there is no place to hide wires. Each separate LED ribbon installation will require a receiver and power supply.

Wireless installations can have limitations too - depending on the selected user control. Remotes will have a maximum distance from the receivers (generally between 30-40metres), and this can be affected by solid physical objects such as walls blocking the path. Some simple remotes are designed for single installations and only pair with one receiver.
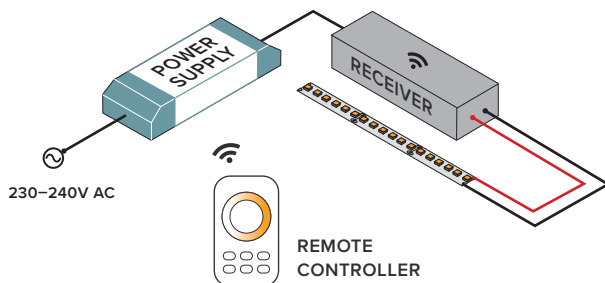
REPEATER

These repeat the signal from a receiver / hardwired controller via a signal wire to multiple LED ribbon installations. As the signal is repeated and boosted by each repeater along the way this setup can extend a single receiver / hardwired controller range almost indefinitely.

This allows for the simultaneous dimming and/or colour changing of separate LED ribbon installations within the same space, provided the signal wire can reach all installations. Each separate LED ribbon installation requires a repeater and power supply.

The limitation of repeaters is they require a signal wire connecting them to the main controller, if physical barriers prevent this, consider using wireless receivers instead.

PRIMARY VS SECONDARY DIMMING

SECONDARY DIMMING

POWER SUPPLY

RECEIVER

230−240V AC

REMOTE CONTROLLER

PRIMARY DIMMING

230−240V AC

TRIAC DIMMABLE

24/12V DC

3RD PARTY DIMMER
(NOT BRIGHT LIGHT)

Secondary dimming is where the dimmer/controller (with remote), is on the low voltage side of the power supply after the voltage has been stepped down to 24V or 12V DC.

Bright Light's dimmer/controls (with remote) are all secondary and the majority of Bright Light power supplies are designed for secondary dimming.
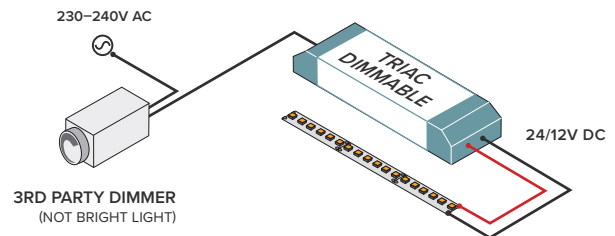
Primary dimming is where the dimmer is on the high voltage side of the power supply. For this a TRIAC dimmable power supply is required.

REMOTE CONTROL INSTALLATION

230–240V AC

230–240V AC

230–240V AC

WIRED SIGNAL

POWER

230–240V AC

230–240V AC

230–240V AC
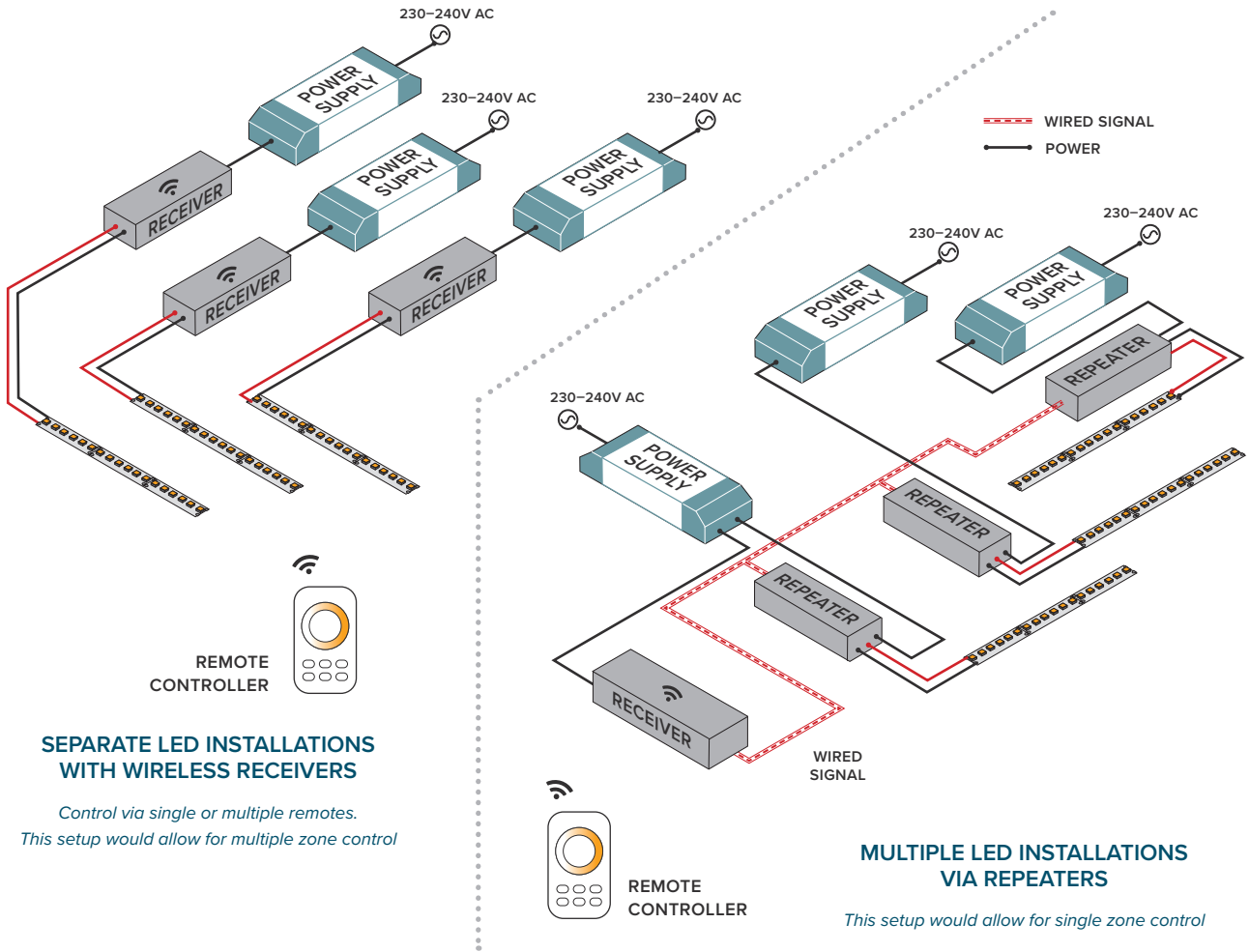
REMOTE
CONTROLLER

SEPARATE LED INSTALLATIONS
WITH WIRELESS RECEIVERS

*Control via single or multiple remotes.
This setup would allow for multiple zone control*

WIRED
SIGNAL

REMOTE
CONTROLLER

MULTIPLE LED INSTALLATIONS
VIA REPEATERS

This setup would allow for single zone control

HARDWIRED CONTROLLER INSTALLATION

HARDWIRED
CONTROLLER

230–240V AC

230–240V AC

230–240V AC

230–240V AC
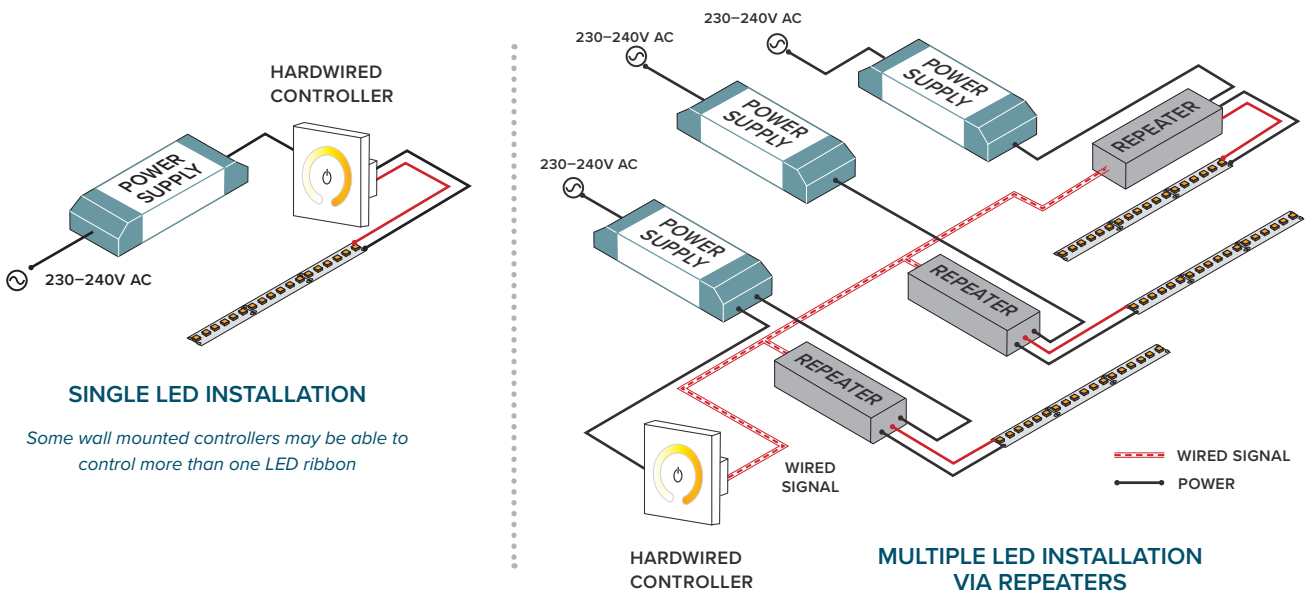
SINGLE LED INSTALLATION

*Some wall mounted controllers may be able to
control more than one LED ribbon*

WIRED
SIGNAL

WIRED SIGNAL

POWER

HARDWIRED
CONTROLLER

MULTIPLE LED INSTALLATION
VIA REPEATERS

SPACE FOR NOTES