

LineLED Dynamic Color Series LLRGB140-IP20



* MFG Model Number: LLRGB42-XX



Features

LLRGB140-IP20 is a small profile, bright, color-changing LED strip. Increased pitch provides more continuous light, while a High Output option offers incredible brightness. Luminii attention to color quality provides balanced output across the color gamut, allowing production of millions of beautiful colors.

Mounting

LED strip is equipped with 3M™ adhesive transfer tape (9472LE).

Applications

Indoor only - millwork, cove, architectural reveals, undercabinet, display case, handrail, accent lighting.

Approvals

CE, UKCA, UL, Class 2

Operating voltage

24 VDC

Average Life (L70)

50,000 hours

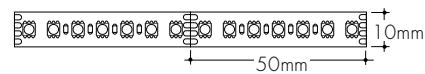
Warranty

7 years



Technical information

TYPE	LLRGB140-IP20	
OUTPUT OPTIONS	SO	HO
Lumens Output (all channels full on)	689 lm/m	1014 lm/m
Average Power Consumption	14.8 W/m	27.2 W/m
Cutting Increment (mm)	50 mm	
Pitch Length	7.0 mm	
Efficacy	47 lm/W	37 lm/W
Max Run Length (in series)	8.5 m	4.0 m
Dimensions	10 mm W x 1.8 mm H	
Ambient Operating Temperature Range*	-20°C - 50°C	-20°C - 35°C



* Ambient Operating Temperature Range to maintain L70 of 50K+ hours in normal conditions. Exceeding Ambient Operating Temperature Range may result in decreased life/output. Consult Technical Support for specific inquiries.

Dominant Wavelength	LLRGB140-IP20SO	LLRGB140-IP20HO
Red	620 nm	161 lm/m
Green	525 nm	463 lm/m
Blue	467 nm	105 lm/m

Ordering code

MODEL	OUTPUT	CCT	REEL SIZE
LLRGB140-IP20 - Line LED Dynamic Color, Dry Location	SO - Standard HO - High	18K-30K - 1800K - 3000K 27K-65K - 2700K - 6500K	R10m - Reel, 10 meter



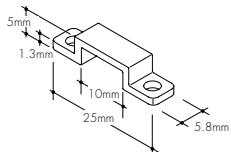
LineLED Dynamic Color Series LLRGB140-IP20



Accessories

CL1

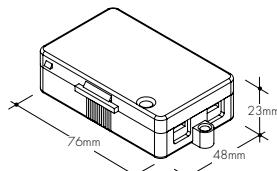
Mounting clip



Recommended every 300mm when LineLED strip is facing down

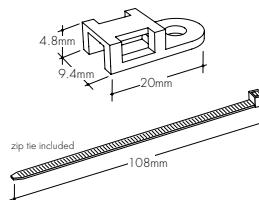
LVSP-IP20-4T-BK

Low Voltage, 4 Terminal Splice Box, Black



LL-ZIP

Cable/Wire Strain Relief Clip



Lens Options / Light Transmission



Clear



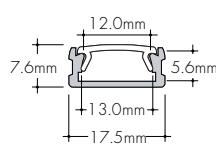
Half (50%)
Frosted



Frosted



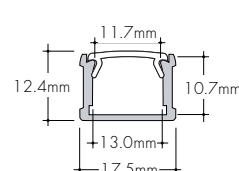
KS Channel (KSC-XX)



C **HF** **F**



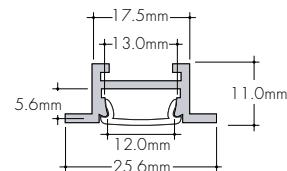
KM Channel (KMC-XX)



C **HF** **F**



KRS Channel (KRSC-XX)



C **HF** **F**

Ordering code

MODEL	LENGTH	LENS	MOUNTING ¹	FINISH
KSC-KS Channel	2M-2 meter	C-Clear HF-Half Frosted F-Frosted	FC-Fixed Clip FC45-Fixed Clip 45°	SA-Silver Anodized

1 - Extrusion comes with 4 selected clips and 2 end caps.

Ordering code

MODEL	LENGTH	LENS	MOUNTING ¹	FINISH
KMC-KM Channel	2M-2 meter	C-Clear HF-Half Frosted F-Frosted	FC-Fixed Clip FC45-Fixed Clip 45°	SA-Silver Anodized

1 - Extrusion comes with 4 selected clips and 2 end caps.

Ordering code

MODEL	LENGTH	LENS	MOUNTING ¹	FINISH
KRSC-KRS Channel	2M-2 meter	C-Clear HF-Half Frosted F-Frosted	HS-Hard Surface Mounting Bracket GS-Gypsum Surface Mounting Bracket	SA-Silver Anodized

1 - Extrusion comes with 4 selected clips and 2 end caps.

Installation

All mounting channels are field cuttable using miter saw with circular blade suitable for cutting aluminum.

Ordering

Extrusion are sold separately.



Lens Options / Light Transmission



Clear



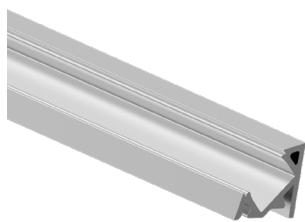
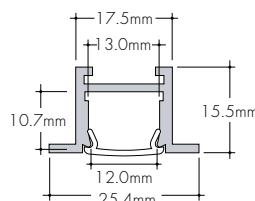
Half (50%)
Frosted



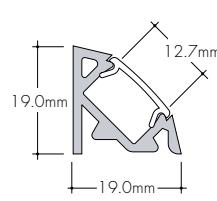
Frosted



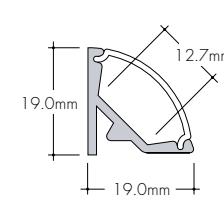
KRM Channel (KRMC-XX)



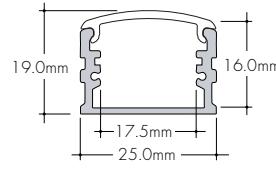
K45V Channel (K45V-XX)



K45R Channel (K45R-XX)



Basics X-Large Channel (BXC-XX)



Ordering code

MODEL	LENGTH	LENS	MOUNTING ¹	FINISH
KRMC-KRM Channel	2M-2 meter	C-Clear HF-Half Frosted F-Frosted	HS-Hard Surface Mounting Bracket GS-Gypsum Surface Mounting Bracket	SA-Silver Anodized

1 - Extrusion comes with 4 selected clips and 2 end caps.

Ordering code

MODEL	LENGTH	LENS	MOUNTING ¹	FINISH
K45VC-K45V Channel	2M-2 meter	C-Clear HF-Half Frosted F-Frosted	CB-Concealed Bracket	SA-Silver Anodized

1 - Extrusion comes with 4 selected clips and 2 end caps.

Ordering code

MODEL	LENGTH	LENS	MOUNTING ¹	FINISH
K45RC-K45R Channel	2M-2 meter	C-Clear HF-Half Frosted F-Frosted	CB-Concealed Bracket	SA-Silver Anodized

1 - Extrusion comes with 4 selected clips and 2 end caps.

Ordering code

MODEL	LENGTH	LENS	MOUNTING ¹	FINISH
BXC-Basics X-Large Channel	2M-2 meter	F-Frosted	FC-Fixed Clip	SA-Silver Anodized

1 - Extrusion comes with 4 selected clips and 2 end caps.

Installation

All mounting channels are field cuttable using miter saw with circular blade suitable for cutting aluminum.

Ordering

Extrusion are sold separately.

