Basics Strip BA140-IP20

Bbasics
by luminii

* MFG Model Number: BA42-XX

IP20

Features

BA140-IP20 series is a Contractor Grade, efficient, field configurable and durable LED strip light. It is suitable for use in coves, under cabinets, in shelves, millwork, and virtually anywhere a linear light is required.

Mounting
BA strip is equipped with 3M™ adhesive transfer tape.

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
5 years

c**UL**us LISTED   R⊘HS   CE   UKCA   DIM

Technical information

TYPE	BA140-IP20			
OUTPUT OPTIONS	**SO**	**HO**	**VHO**	**XHO**
Lumens Output (3000K)	643 lm/m	1224 lm/m	1768 lm/m	2612 lm/m
Average Power Consumption	6.6 W/m	13 W/m	19.7 W/m	26.2 W/m
Efficacy	98 lm/W	93 lm/W	90 lm/W	98 lm/W
Cutting Increment (mm)	50 mm			
LED/Meter	140			
Max Run Length (in series to 96W)	15 m	8 m	5 m	4 m
Dimensions	10 mm W x 1.5 mm H			
Ambient Operating Temperature Range	-40° C - 40° C			

10mm ⟷ 50mm
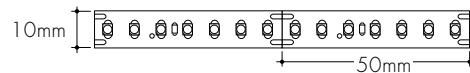
CCT	Multiplier (reference - 3000K)	CRI
2700K	0.90	90
3000K	1.00	90
3500K	1.03	90

Ordering code

MODEL	OUTPUT	CCT	REEL SIZE
	-	-	-

MODEL	OUTPUT	CCT	REEL SIZE
BA140-IP20 - Basics Strip, Dry Location	SO - Standard HO - High VHO - Very High XHO - Extreme	27K - 2700K 30K - 3000K 35K - 3500K	R10m - Reel, 10 meter

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Basics Strip BA140-IP20

Minii Connectors

Minii connectors are easy, field-installable accessories that make joining LL strip simple! Their minimal width allows them to fit into extrusions, while their transparent frame eliminates dark spots.
**Note: verify internal extrusion dimensions to confirm compatibility**

LL-PJC-10
Jumper minii connector with 76mm wire for
BA140-IP20 LED strip
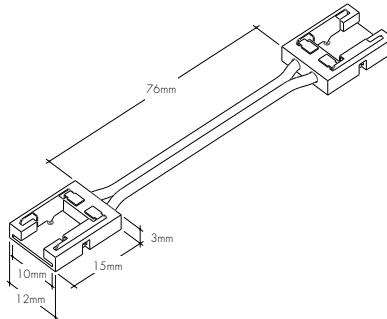
LL-PFC-10-1.8M
Power feed minii connector with 1.8m wire for
BA140-IP20 LED strip
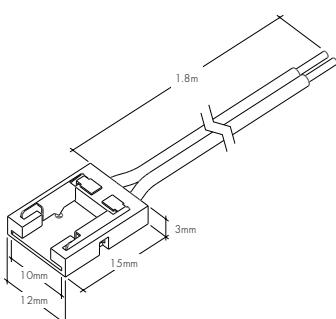
LL-BSC-10
Butt splice minii connector for BA140-IP20 LED strip
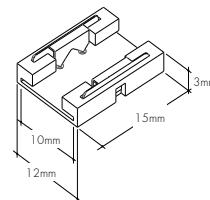

Sample Layout
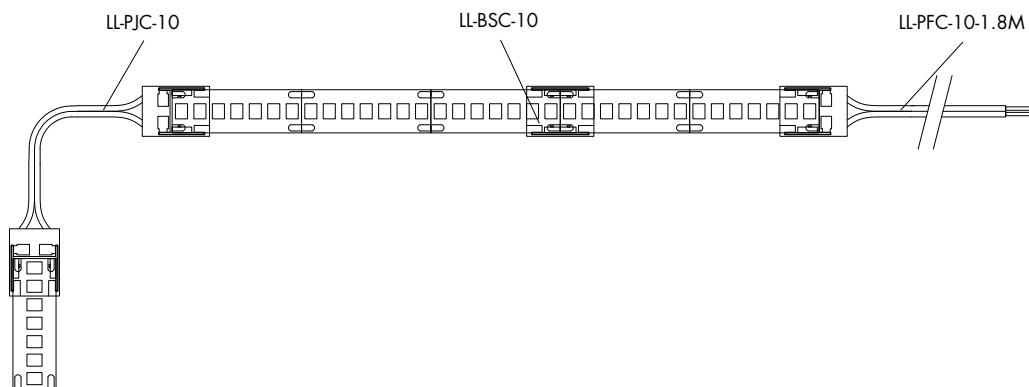
## Accessories

CL1
Mounting clip
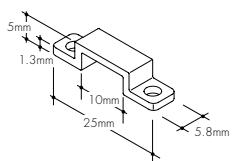
LVSP-IP20-4T-BK
Low Voltage, 4 Terminal Splice Box, Black
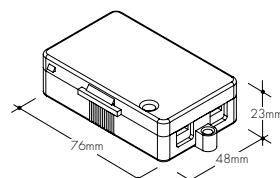
LL-ZIP
Cable/Wire Strain Relief Clip

zip tie included
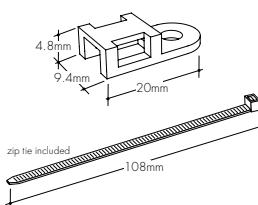
Recommended every 300mm when LineLED strip is facing down

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Lens Options / Light Transmission

C	HF	F
Clear	Half (50%) Frosted	Frosted

KS Channel (KSC-XX)

12.0mm
7.6mm — 5.6mm
13.0mm
17.5mm
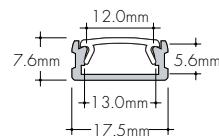
| C | HF | **F** |

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.

KM Channel (KMC-XX)

11.7mm
12.4mm — 10.7mm
13.0mm
17.5mm
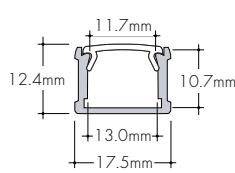
| C | HF | **F** |

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.

KRS Channel (KRSC-XX)

17.5mm
13.0mm
5.6mm — 11.0mm
12.0mm
25.6mm
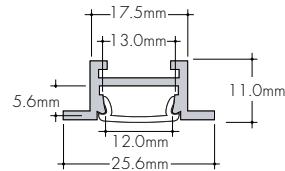
| C | HF | **F** |

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.

KRM Channel (KRMC-XX)

17.5mm
13.0mm
10.7mm — 15.5mm
12.0mm
25.4mm
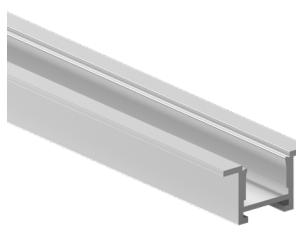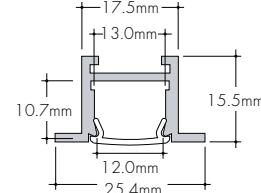
| C | HF | **F** |

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.

Installation

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

Ordering

Extrusion are sold separately.

Led Dotting per Extrusion with BA140-IP20

different output options may slightlyt vary

Extrusion	Clear Lens	Half-Frosted Lens	Frosted Lens
KSC	CD	CD	CD
KMC	CD	SD	ND
KRSC	CD	CD	SD
KRMC	CD	CD	ND

CD   SD   ND

CD - Clear Dotting
SD - Slight Dotting
ND - No Dotting

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Lens Options / Light Transmission

C	HF	F
Clear	Half (50%) Frosted	Frosted

K45V Channel (K45V-XX)
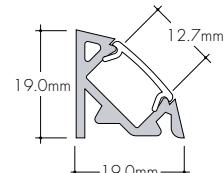
12.7mm
19.0mm
19.0mm
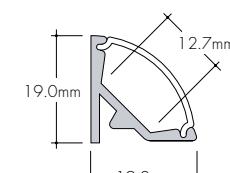
C | HF | **F**
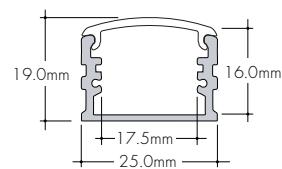
Ordering code

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.

K45R Channel (K45R-XX)

12.7mm
19.0mm
19.0mm

C | HF | **F**

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.

Basics X-Large Channel (BXC-XX)

19.0mm
16.0mm
17.5mm
25.0mm

F

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.

Led Dotting per Extrusion with BA140-IP20

different output options may slightlyt vary

Extrusion	Clear Lens	Half-Frosted Lens	Frosted Lens
K45VC	CD	CD	ND
K45RC	CD	ND	ND
BXC	-	-	ND

CD   SD   ND

CD - Clear Dotting
SD - Slight Dotting
ND - No Dotting

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