AERO TAPE ECO
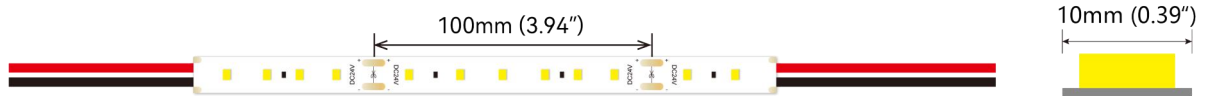
Indoor · White

Beamever

Features

• Field cuttable & joinable

• Operates at safe and energy-efficient voltage of DC24V

• Slim and elegant, ideal for indoor applications

• 3M tape on the back makes it easy to install

• Available in a variety of CCT color options

• 5 years warranty

UL | INDOOR | DRY LOCATION | 24V DC | 5 Yr. WARRANTY | CRI 90+

FIELD CUTTABLE | FIELD JOINABLE | DIMMABLE

Fixture type	
Project name	
Project phase	
Date	

Dimension & Bending

100mm (3.94")

10mm (0.39")

Physical

PCB Width	10mm
LED Pitch	16.7mm
Cutting Interval	100mm
LED Brand	Sanan
LED Size	2835
LED Quantity	60 LEDs/m
Housing Material	N/A
Housing Technique	N/A
Adhesive Type	Yellow 3M tape
Feed Entry	Front
Feed Length	Standard length 15cm
Storage Temperature	-25~60℃ (-13~140°F)
Ambient Temperature	-20~40℃ (-4~104°F)
Max Production Length	30m

Performance & Electrical

Voltage	24VDC (23.5Vmin, 24.5Vmax)
Beam Angle	120°
MacAdam	3 steps
Efficacy (lm/W)	95.8lm/W @4000K 14.4W
CRI	Ra90
Lumen Maintenance	> 50,000 hours
IP Rating	IP20
Resistance	UV, solvent, saltwater, flame
Dimming	Triac, ELV, PWM, 0-10V, DMX
Control Protocol	N/A
Warranty	5 years

Certification & Safety

Certifications	UL, CE, REACH, RoHS, CB
Environment	Dry location

Lumen/m	4.8W	9.6W	14.4W
2700K	410	820	1200
3000K	440	890	1260
4000K	460	930	1380
6500K	470	940	1420
Max. Run Length (m)	5	5	5

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Order Code

Series	Temp./Color	Power	Feed Entry	Connector Wire	IP Rating	Length (mm)
AEROE	27=2700K 30=3000K 40=4000K 65=6500K	048=4.8W 096=9.6W 144=14.4W	FF=Front + Front FC=Front + Closed	OW=Open wire 3.28' MFC=Male & female connector 0.98'	20=IP20	Min. - 100mm Max. run - 5000mm Cut Inc. - 100mm

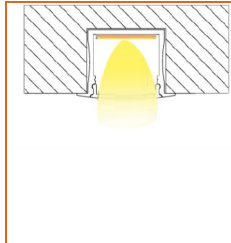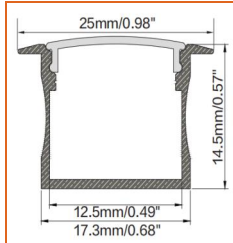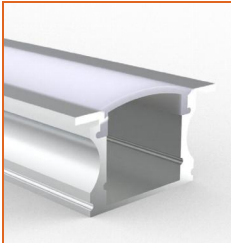Example: AEROE-30-048-FF-OW-20-05000

* Customizable—Contact Beamever representatives

Mounting Options
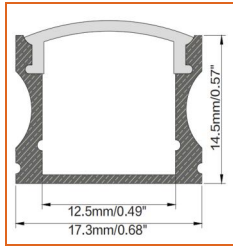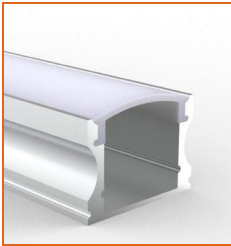
* Standard length is 1m/pcs.

Name	Straight alluminum channel
Code	BE1202
Material	Alluminum
Mounting style	Surface mounted
Length	1m
Width	17.3mm
Height	14.5mm
Internal width	12.5mm

* Standard length is 1m/pcs.

Name	Straight alluminum channel
Code	BE1201
Material	Alluminum
Mounting style	Recessed mounted
Length	1m
Width	17.3mm
Height	14.5mm
Internal width	12.5mm
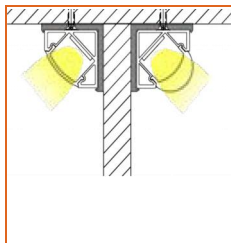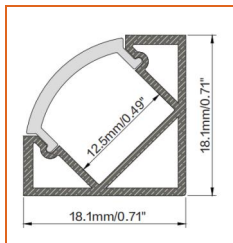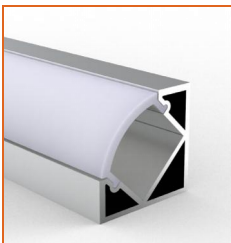
* Standard length is 1m/pcs.

Name	Straight alluminum channel
Code	BE1203
Material	Alluminum
Mounting style	Angled mounted
Length	1m
Width	18.1mm
Height	18.1mm
Internal width	12.5mm
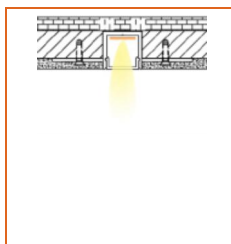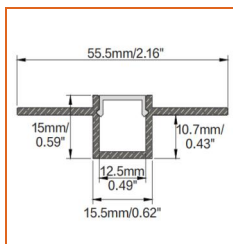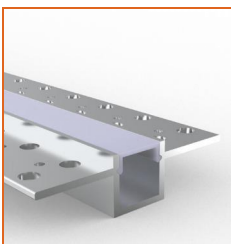
* Standard length is 1m/pcs.

* For more options, please refer to "Beamever Profile Spec Sheet"

Name	Straight alluminum channel
Code	BE5615
Material	Alluminum
Mounting style	Mud-in
Length	1m
Width	15.5mm
Height	15mm
Internal width	12.5mm

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Driver Options

Code	Max Load	Input	Output	Dimming	Environment	Size
XLG-150-24-A	150W	100-305VAC	24VDC	Non-Dim	Dry/Damp/IP67	180x63x35.5mm (L x W x H)
ELG-150-24B-3Y	150W	100-305VAC	24VDC	3 in 1 dimming	Dry/Damp/IP67	219x63x35.5mm (LxWxH)
ELG-150-24DA-3Y	150W	100-305VAC	24VDC	DALI control technology	Dry/Damp/IP67	219x63x35.5mm (L x W x H)
LPV-150-24	150W	180-305VAC	24VDC	Non-Dim	Dry/Damp/IP67	148x40x30mm (L x W x H)
LRS-150-24	150W	85-132V / 170-264VAC	24VDC	Non-Dim	Dry	99x97x30mm (L x W x H)
PWM-120-24	120W	90-305V / 127-431VAC	24VDC	3 in 1 dimming	Dry/Damp/IP67	191x63x37.5mm (LxWxH)

* Please refer to the spec sheet of each power supply for more detailed information

Accessories Options (Optional)

Name	Strip to strip connector
Code	AERO20-STS-2P-10

Strip to strip connector, 2 pin, IP20

Name	Strip to strip jumper connector
Code	AERO20-STSJ-2P-10

Strip to strip jumper connector with 15cm cable, 2 pin, IP20

Name	Strip to cable connector
Code	AERO20-STC-2P-10

Strip to cable connector with 15cm cable, 2 pin, IP20

Name	L-shaped connector
Code	AERO20-L-2P-10

L-shaped connector, 2 pin, IP20

Name	Male & female connector
Code	MFC-2P-20

Male and female connector with 20cm cable, IP20, 2 pin

Name	Male & female DC connector
Code	MFC-DC-44

Male and female DC connector with 20cm cable, IP44

Name	VHB 3M adhesive tape
Code	VHB

VHB 3M adhesive back tape, stronger stickiness.

Wiring Diagram

Non Dimmable

AC input

Traditional ON/OFF switch
(optional, purchase separately)

Line wire

Neutral wire

Ground wire

Ground wire

INPUT

NON DIMMABLE POWER SUPPLY

OUTPUT

V+

V-

24V output

V+

V-

V+

V-

Dimmable

AC input

Dimmer
(optional, purchase separately)

Line wire

Neutral wire

Ground wire

INPUT

DIMMABLE POWER SUPPLY

OUTPUT

V+

V-

24V output

V+

V-

V+

V-