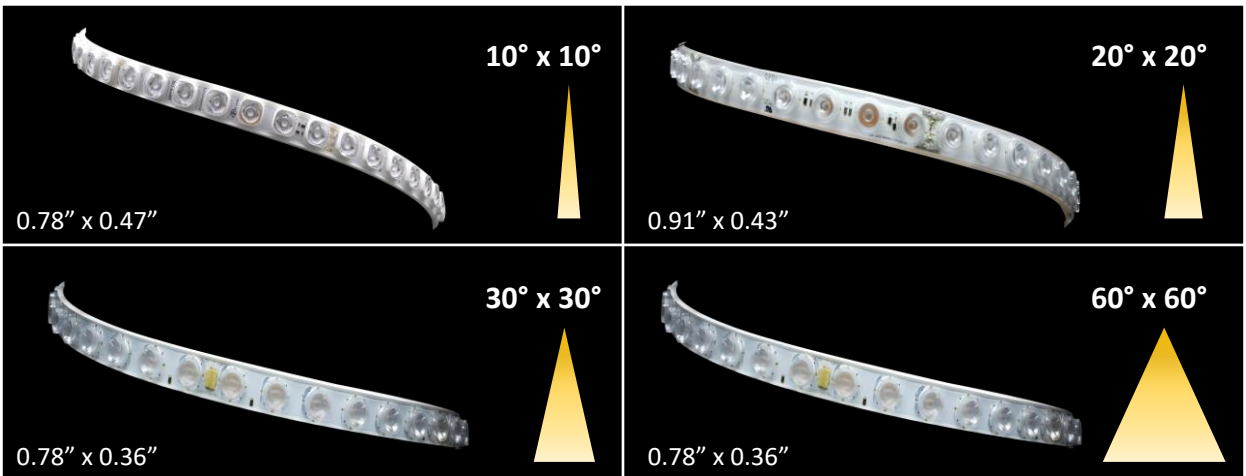


FlexBeam V Specifications

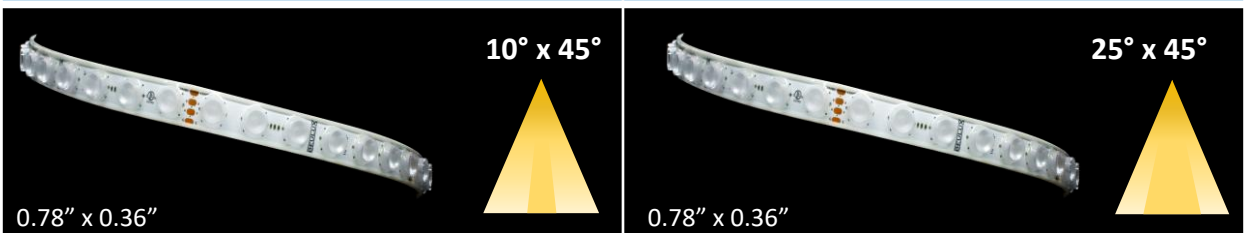


FlexBeam features a variety of miniature precise optics on a high-end flexible board, combining flexibility and beam precision in one product. Being IP67, this product can be used indoors as well as outdoors.

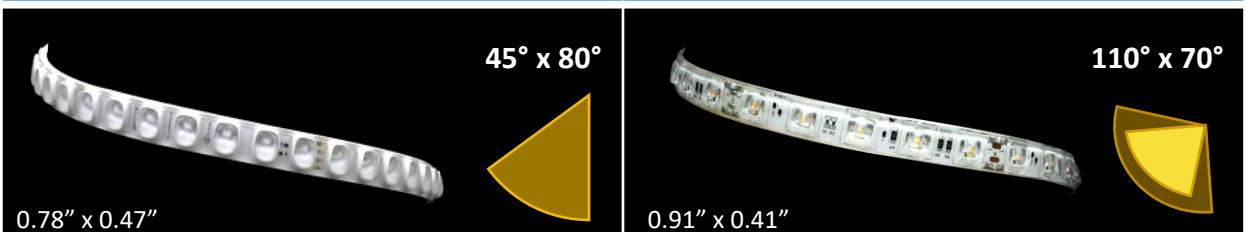
Symmetrical



Elliptical

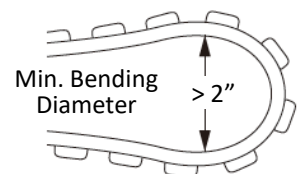
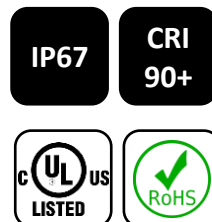


Asymmetrical



Architectural Applications:

- Wall grazing
- Wall washing
- Accent lighting
- Cove lighting
- Pathway lighting
- Handrails



Technical Information

Product Optic	CCT	Output (lm/ft)	LEDs/ft	Consump. (watt/ft)	Efficacy (lm/watt)	CRI	Voltage	Max run length	Cut increment
Symmetrical 10° x 10°	2400K	~520	14	6.0 W	~90	>90	24V	32.8'	5.93"
	2700K	~520	14	6.0 W	~90	>90	24V	32.8'	5.93"
	3000K	~540	14	6.0 W	~90	>90	24V	32.8'	5.93"
	3500K	~570	14	6.0 W	~95	>90	24V	32.8'	5.93"
	4000K	~575	14	6.0 W	~95	>90	24V	32.8'	5.93"
Symmetrical 20° x 20°	2700K	~630	14	6.1 W	~105	>90	24V	16.4'	6.60"
	3000K	~670	14	6.1 W	~110	>90	24V	16.4'	6.60"
	3500K	~690	14	6.1 W	~115	>90	24V	16.4'	6.60"
	4000K	~700	14	6.1 W	~115	>90	24V	16.4'	6.60"
Symmetrical 30° x 30°	2700K	~585	14	6.0 W	~100	>90	24V	32.8'	5.93"
	3000K	~590	14	6.0 W	~100	>90	24V	32.8'	5.93"
	3500K	~625	14	6.0 W	~115	>90	24V	32.8'	5.93"
	4000K	~660	14	6.0 W	~115	>90	24V	32.8'	5.93"
	RGBW	~310	14	6.0 W	N/A	N/A	24V	32.8'	5.93"
Symmetrical 60° x 60°	2700K	~600	14	6.0 W	~100	>90	24V	16.4'	5.93"
	3000K	~615	14	6.0 W	~105	>90	24V	16.4'	5.93"
	3500K	~625	14	6.0 W	~105	>90	24V	16.4'	5.93"
	4000K	~645	14	6.0 W	~110	>90	24V	16.4'	5.93"
	RGBW	~310	14	6.0 W	N/A	N/A	24V	32.8'	5.93"
Elliptical 10° x 45°	2700K	~530	14	6.0 W	~90	>90	24V	16.4'	5.93"
	3000K	~600	14	6.0 W	~100	>90	24V	16.4'	5.93"
	3500K	~605	14	6.0 W	~100	>90	24V	16.4'	5.93"
	4000K	~630	14	6.0 W	~105	>90	24V	16.4'	5.93"
	RGB	~105	12	2.5 W	N/A	N/A	24V	32.8'	6.60"
	RGBW	~310	14	6.0 W	N/A	N/A	24V	32.8'	5.93"
Elliptical 25° x 45°	2700K	~475	14	6.0 W	~80	>90	24V	16.4'	5.93"
	3000K	~510	14	6.0 W	~85	>90	24V	16.4'	5.93"
	3500K	~520	14	6.0 W	~85	>90	24V	16.4'	5.93"
	4000K	~525	14	6.0 W	~90	>90	24V	16.4'	5.93"
Asymmetrical 45° x 80°	2700K	~540	14	6.0 W	~90	>90	24V	32.8'	5.93"
	3000K	~545	14	6.0 W	~90	>90	24V	32.8'	5.93"
	3500K	~570	14	6.0 W	~95	>90	24V	32.8'	5.93"
	4000K	~590	14	6.0 W	~100	>90	24V	32.8'	5.93"
Asymmetrical 110° x 70°	2700K	~500	9	5.9 W	~90	>90	24V	16.4'	6.60"
	3000K	~500	9	5.9 W	~90	>90	24V	16.4'	6.60"
	3500K	~500	9	5.9 W	~90	>90	24V	16.4'	6.60"
	4000K	~500	9	5.9 W	~90	>90	24V	16.4'	6.60"

FlexBeam V Specifications



Ordering Code

Example: **FB-D1045P67CT30-DUD-16'**

FlexBeam, 10° x 45° optic, IP67, 3000K, Dimming, 16ft

FB	D1045		IP67	CT30	DUD	16'
Model	Optics		IP Rating	CCT	Driver	Length
FB FlexBeam	D1010	10° x 10°	IP67 Outdoor	24 2400K 27 2700K 30 3000K 35 3500K 40 4000K	NTR Non-Dimming DUD Dimming 0.1%-100% Triac/0-10V/ 10V PWM/ Potentiometer	Enter run length
	D2020	20° x 20°	IP67 Outdoor	CT27 2700K	FPD Dimming 1%-100%	
	D3030	30° x 30°		CT30 3000K		
	D4580	45° x 80°		CT35 3500K		
	D6060	60° x 60°		CT40 4000K		
	D1045	10° x 45°				
	D2540	25° x 40°				
	D11070	110° x 70°				
	D3030	30° x 30°	IP67 Outdoor	RGBW RGBW		
	D6060	60° x 60°				
	D1045	10° x 45°				
D1045	10° x 45°	IP67 Outdoor	RGB RGB			

FlexBeam Accessories



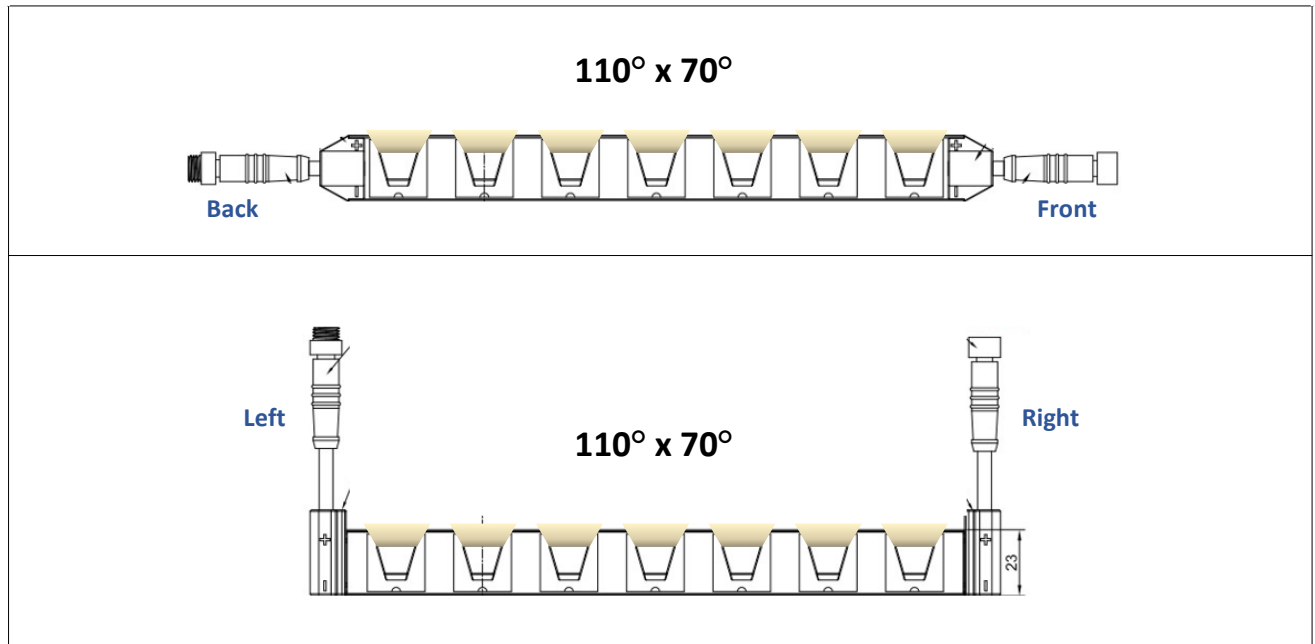
End Cap

Mounting Clip

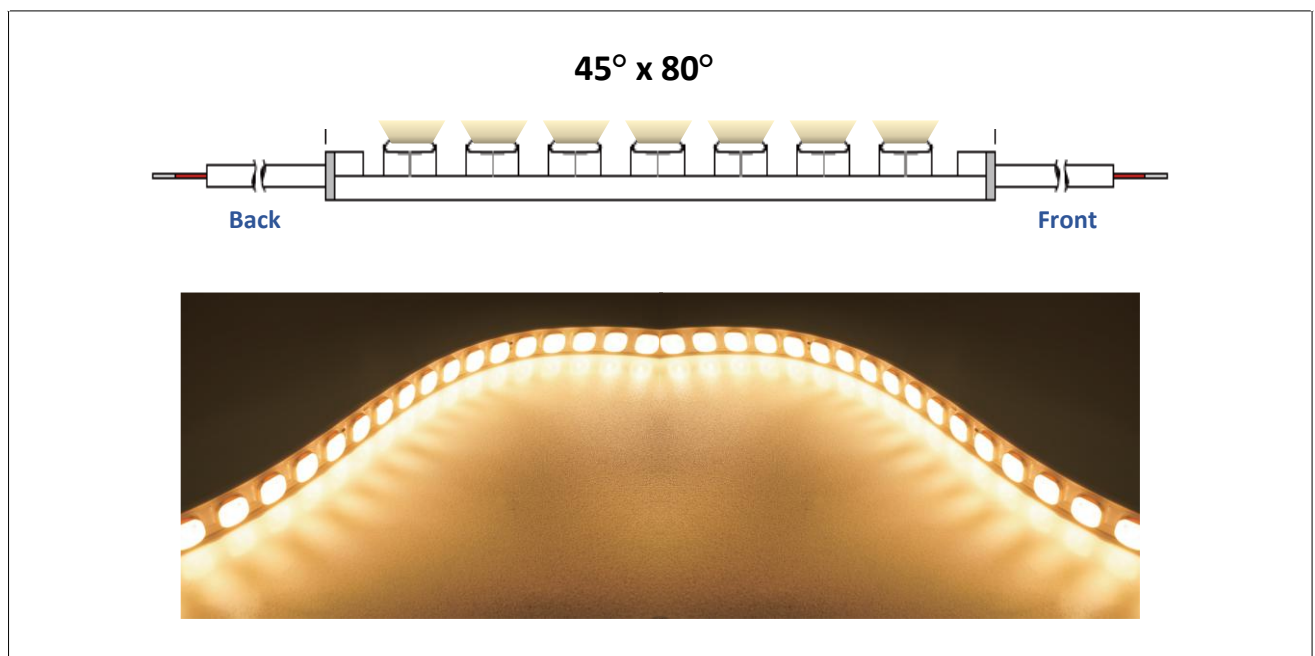
Compatible Extrusion & Accessories

BA02	BA02-CL	BA02-EC	BA02-MC	BL15-AA90	BA02-SK
Extrusion	Clear Lens	End Cap	Mounting Clip	90° Adjustable Angle	Suspension Kit

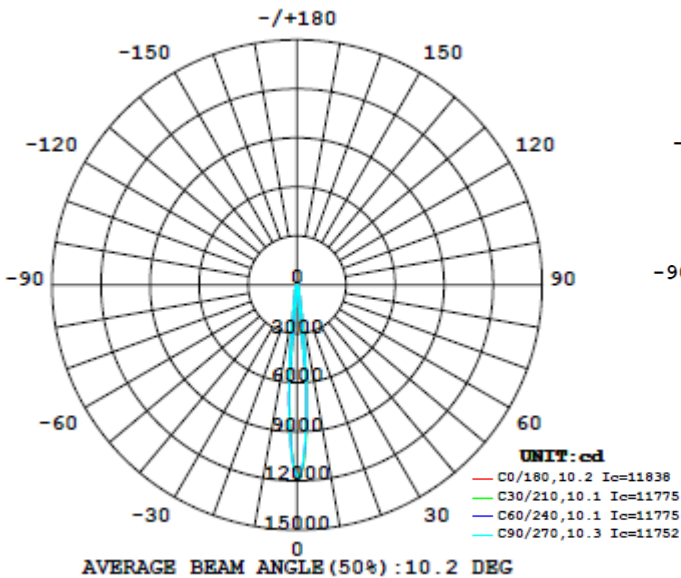
D11070 Asymmetrical FlexBeam powerfeed outlet: 110° x 70°



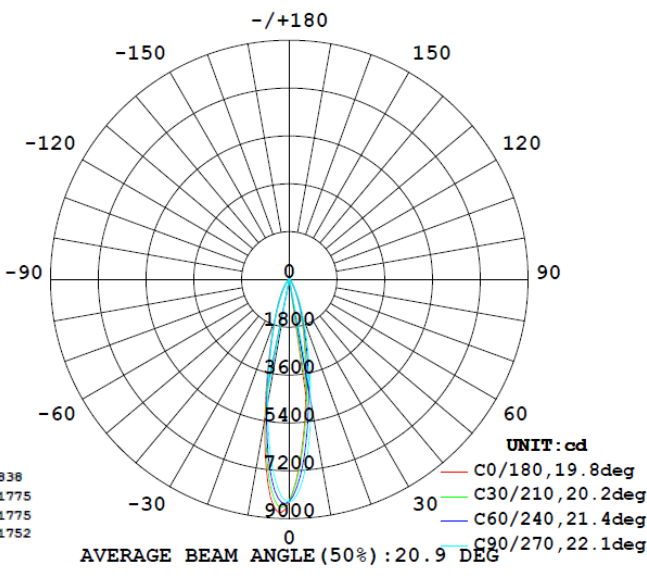
D4580 Asymmetrical FlexBeam powerfeed outlet: 45° x 80°



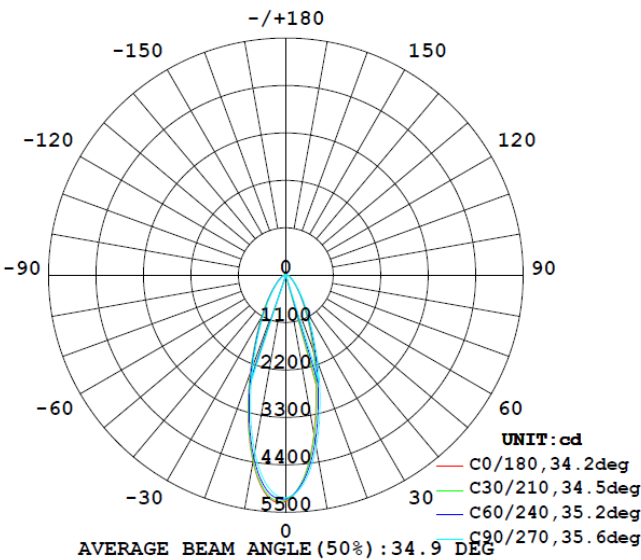
10°



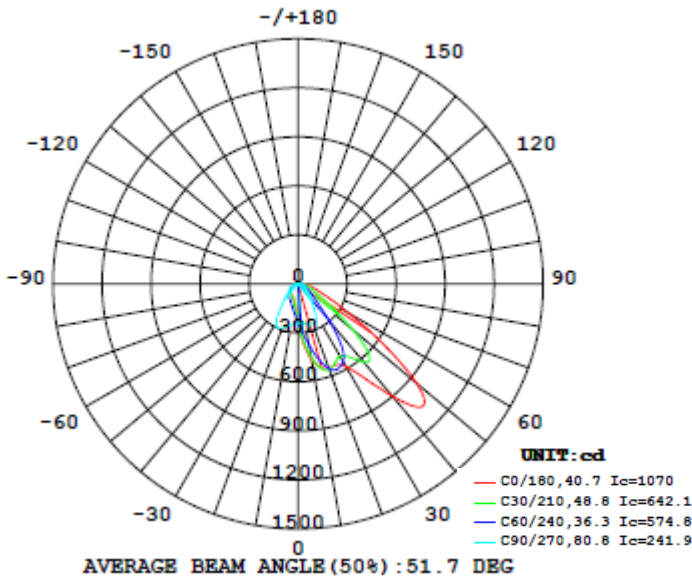
20°



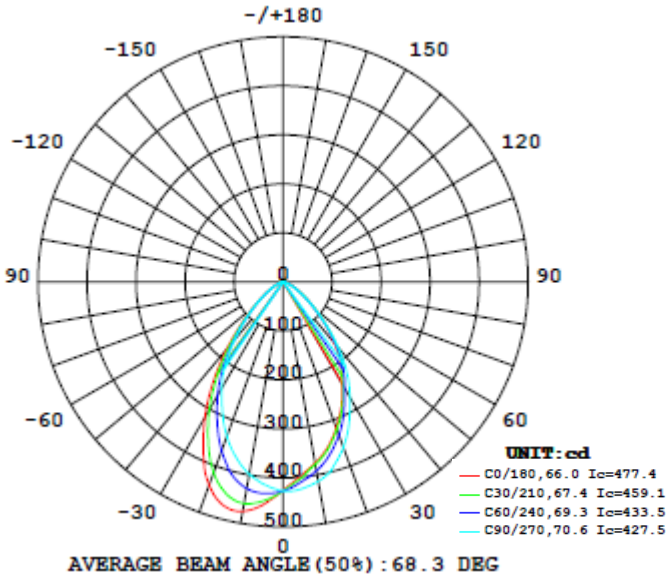
30°



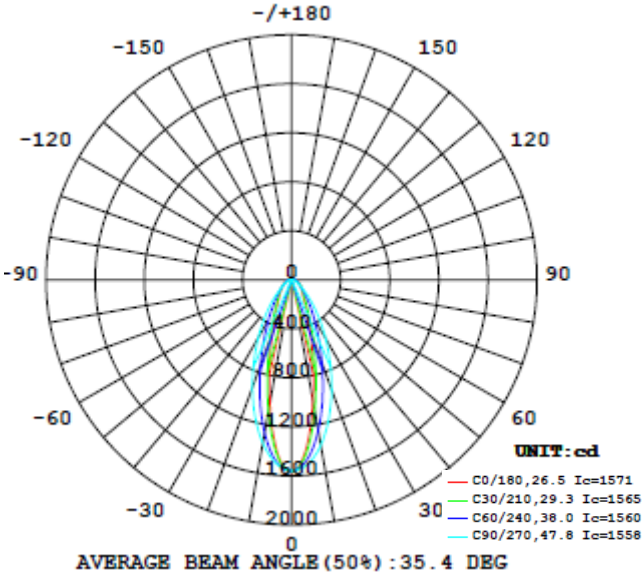
Asymmetric
45°



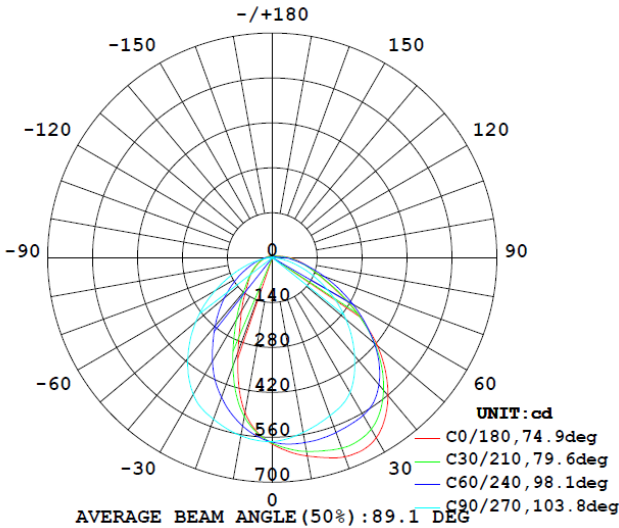
60°



10° x 45°



Asymmetric
110°x70°



Power Supply Ordering Codes

DUD		+	60		+	IP65		DUD60IP65 - Dimming, 60 Watt, IP65		
MODEL		+	POWER		+	IP RATING		INPUT	OUTPUT	DIMENSION
NTR	Non-Dimming		50	50 Watt		IP00	Indoor	88-264V	24V	3.90 x 3.82 x 1.42
			75	75 Watt						5.08 x 3.82 x 1.50
			100	100 Watt						6.26 x 3.82 x 1.50
			150	150 Watt						7.84 x 3.85 x 1.50
			200	200 Watt						8.46 x 4.53 x 1.18
			320	320 Watt						8.46 x 4.53 x 1.18
			750	750 Watt						9.84 x 5.00 x 1.61
			960	960 Watt						11.60 x 5.00 x 1.61
			12	12 Watt		IP42	Indoor	90-264V	24V	3.03 x 1.57 x 1.14
			16	16 Watt						3.03 x 1.57 x 1.14
			25	25 Watt						3.31 x 2.24 x 1.16
			35	35 Watt						3.31 x 2.24 x 1.16
						IP67	Outdoor	90-264V	24V	4.65 x 1.38 x 1.02
			20	20 Watt						5.83 x 1.57 x 1.18
			35	35 Watt						6.40 x 1.67 x 1.26
			60	60 Watt						7.48 x 2.05 x 1.46
			100	100 Watt						7.52 x 2.48 x 1.48
			150	150 Watt						9.61 x 2.68 x 1.53
			240	240 Watt						9.92 x 3.54 x 1.72
			320	320 Watt						
DUD	Dimming 0.1%-100%		18	18 Watt		IP65	Outdoor	110-277V	24V	5.04 x 2.09 x 0.83
			24	24 Watt						5.04 x 2.09 x 0.83
			36	36 Watt						5.98 x 2.32 x 0.83
			48	48 Watt						5.98 x 2.32 x 0.83
	Universal: Triac/0-10V/ 10V PWM/ Potentiometer		60	60 Watt						5.98 x 2.32 x 0.83
			80	80 Watt						7.17 x 2.32 x 0.83
			96	96 Watt						7.16 x 2.48 x 1.49
			120	120 Watt						7.16 x 2.48 x 1.49
			150	150 Watt						9.92 x 2.48 x 1.49
			200	200 Watt						9.92 x 2.48 x 1.49
			300	300 Watt						12.1 x 2.48 x 1.49
FPD	Dimming min 1% (Forward Phase)		40	40 Watt		IP67	Outdoor	120V	24V	4.92 x 2.20 x 0.79
			60	60 Watt						4.92 x 2.20 x 0.79
			75	75 Watt						4.92 x 2.20 x 0.79
			96	96 Watt						4.92 x 2.20 x 0.79
FPD	Dimming min 1% (Forward Phase) with junction box		20	20 Watt		IP14	Indoor	120V	24V	5.60 x 2.00 x 2.14
			40	40 Watt						5.60 x 2.00 x 2.14
			60	60 Watt						6.62 x 2.58 x 2.33
			96	96 Watt						6.62 x 2.58 x 2.33
			150	150 Watt						9.80 x 3.00 x 2.74
			200	200 Watt						9.80 x 3.00 x 2.74
			300	300 Watt						10.07 x 4.20 x 3.50

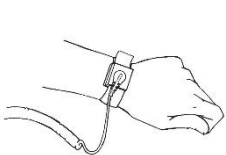
24V LED Tape Installation Guide



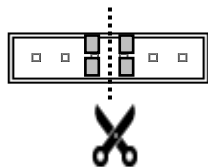
- 1 Use ESD (Electronic Static Discharge) wrist band and ensure hands are clean and oil free when handling LED tape to prevent open electrical components from failing
- 2 LED strip can be cut only at the marked locations or between 2 solder points. Do not touch electrical components.
- 3 Solder connections should only be performed manually on designated solder pad. Do not exceed 3 seconds soldering time. Do not exceed 600°F during soldering.
- 4 Alternatively, connect LED tape using appropriate connector. Do not use 3rd party connector.
- 5 Ensure the mounting surface is a clean, dry and free of oils, dust and dirt. Use isopropyl alcohol or cleaning alcohol with a soft, non-scratching cloth for cleaning.
- 6 Remove the paper backing from the back side of the LED tape exposing 3M adhesive.
- 7 Apply the 3M adhesive side of the LED tape on smooth and clean metallic surface of the heat sink and gently press in areas with no electronic components. Do not use 3rd party adhesive. Do not touch or stress the mechanical components.

Warning: Avoid repetitive application by attaching and detaching of the LED tape to the surface during installation. It may lead to irreversible damage of the electrical circuit.

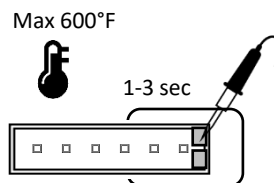
1 Use ESD wrist band



2 Cut LED strip



3 Solder LED strip



4 Connect LED strip



5 Clean mounting surface



6 Remove backing



7 Apply LED strip to mounting surface



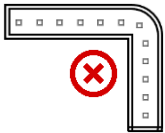
Warranty is VOID if any of the above are violated



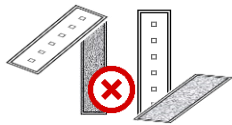
Caution

Warranty is VOID if any of the below are violated

Do not bend on horizontal plane



Do not bend at sharp 90° corner



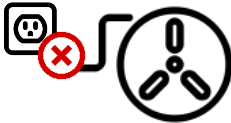
Do not twist



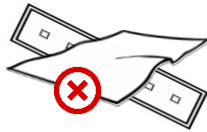
Do not step on or put object on top



Do not power on when LED tape is in a reel



Do not cover



Do not puncture



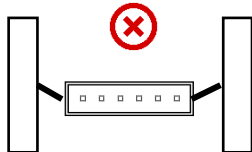
Do not paint over



Do not hang



Do not suspend



Do not use 3rd party connector



Do not use 3rd party adhesive

