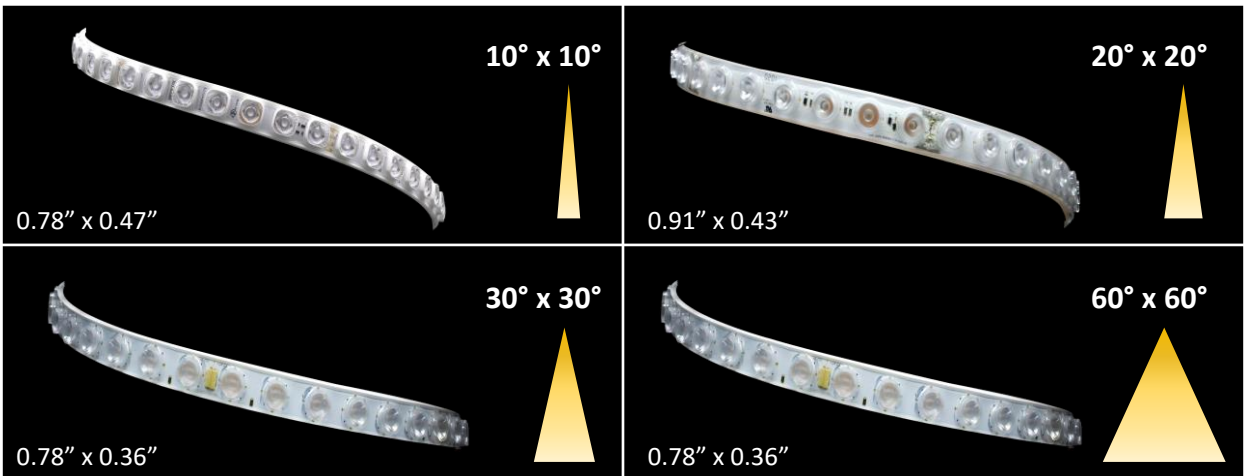


FlexBeam Specifications

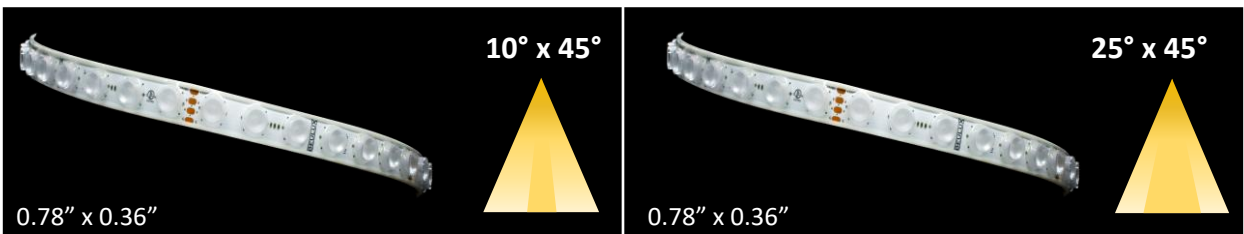


FlexBeam features a variety of miniature precise optics on a high-end flexible board, combining flexibility and beam precision in one product. Being IP67, this product can be used indoors as well as outdoors.

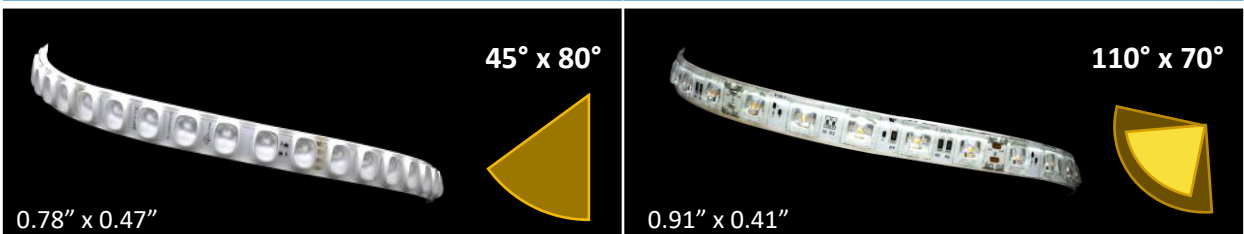
Symmetrical



Elliptical

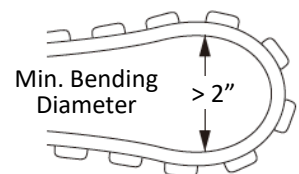
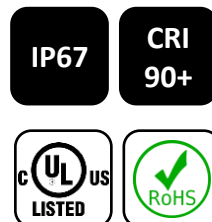


Asymmetrical



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
10° x 10°	2700K	~525	14	6.0 W	~90	>90	24V	32'	6"
	3000K	~540	14	6.0 W	~90	>90	24V	32'	6"
	3500K	~570	14	6.0 W	~95	>90	24V	32'	6"
	4000K	~580	14	6.0 W	~95	>90	24V	32'	6"
20° x 20°	2700K	~630	14	6.1 W	~105	>90	24V	16'	6.6"
	3000K	~670	14	6.1 W	~110	>90	24V	16'	6.6"
	3500K	~690	14	6.1 W	~115	>90	24V	16'	6.6"
	4000K	~700	14	6.1 W	~115	>90	24V	16'	6.6"
30° x 30°	2700K	~595	14	6.0 W	~100	>90	24V	32'	6"
	3000K	~605	14	6.0 W	~100	>90	24V	32'	6"
	3500K	~650	14	6.0 W	~115	>90	24V	32'	6"
	4000K	~665	14	6.0 W	~115	>90	24V	32'	6"
	RGBW	~310	14	6.0 W	N/A	N/A	24V	32'	6"
60° x 60°	2700K	~600	14	6.0 W	~100	>90	24V	16'	6"
	3000K	~630	14	6.0 W	~105	>90	24V	16'	6"
	3500K	~635	14	6.0 W	~105	>90	24V	16'	6"
	4000K	~645	14	6.0 W	~110	>90	24V	16'	6"
	RGBW	~310	14	6.0 W	N/A	N/A	24V	32'	6"
Elliptical 10° x 45°	2700K	~530	14	6.0 W	~90	>90	24V	16'	6"
	3000K	~600	14	6.0 W	~100	>90	24V	16'	6"
	3500K	~605	14	6.0 W	~100	>90	24V	16'	6"
	4000K	~630	14	6.0 W	~105	>90	24V	16'	6"
	RGB	~105	12	2.5 W	N/A	N/A	24V	32'	6.6"
	RGBW	~310	14	6.0 W	N/A	N/A	24V	32'	6"
Elliptical 25° x 45°	2700K	~475	14	6.0 W	~80	>90	24V	16'	6"
	3000K	~510	14	6.0 W	~85	>90	24V	16'	6"
	3500K	~520	14	6.0 W	~85	>90	24V	16'	6"
	4000K	~525	14	6.0 W	~90	>90	24V	16'	6"
Asymmetric 45° x 80°	2700K	~540	14	6.0 W	~90	>90	24V	32'	6"
	3000K	~545	14	6.0 W	~90	>90	24V	32'	6"
	3500K	~570	14	6.0 W	~95	>90	24V	32'	6"
	4000K	~590	14	6.0 W	~100	>90	24V	32'	6"
Asymmetric 110° x 70°	2700K	~500	11	4.9 W	~90	>90	24V	19.7'	6.6"
	3000K	~500	11	4.9 W	~90	>90	24V	19.7'	6.6"
	3500K	~500	11	4.9 W	~90	>90	24V	19.7'	6.6"
	4000K	~500	11	4.9 W	~90	>90	24V	19.7'	6.6"

FlexBeam Specifications



Ordering Code

Example: FB-D1045P67CT30-4'
FlexBeam, 10° x 45° optic, IP67, 3000K, 4ft

FB	-	D1045		IP67		CT30	-	4'		
PRODUCT LINE		OPTICS		IP RATING		CCT		RUN LENGTH		
FB FlexBeam	D1010	10° x 10°	IP67 Outdoor	CT27	2700K	Enter run length				
	D2020	20° x 20°		CT30	3000K					
	D3030	30° x 30°		CT35	3500K					
	D4580	45° x 80°		CT40	4000K					
	D6060	60° x 60°								
	D1045	10° x 45°								
	D2540	25° x 40°								
	D11070	110° x 70°								
	D3030	30° x 30°		IP67 Outdoor	RGBW			RGBW	Enter run length	
	D6060	60° x 60°								
D1045	10° x 45°									
D1045	10° x 45°	IP67 Outdoor	RGB	RGB	Enter run length					

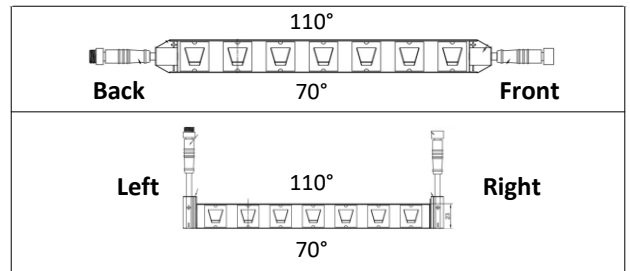
FlexBeam Accessories



End Cap

Mounting Clip

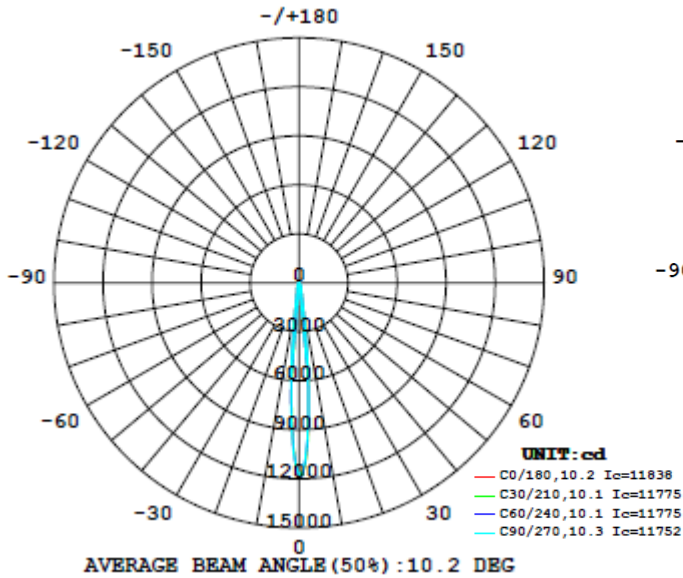
FlexBeam D11070 Powerfeed Location



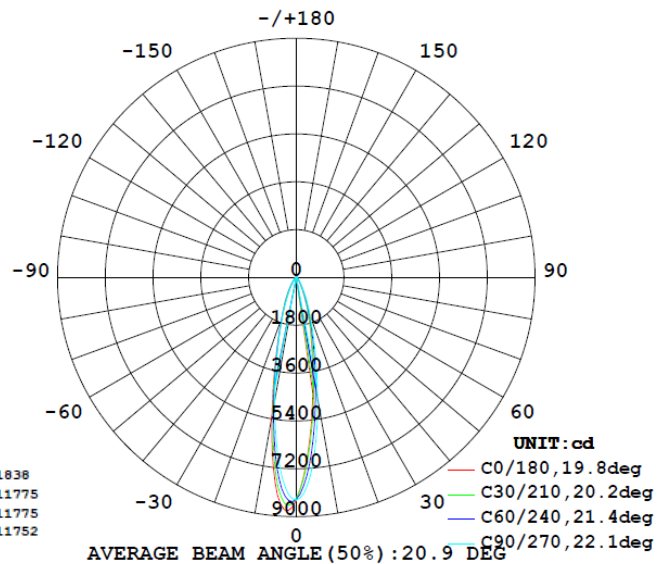
Compatible Extrusion & Accessories

BA02	BA02-CL	BA02-EC	BA02-MC	ZZ99-AA90	ZZ99-CS
Extrusion	Clear Lens	End Cap	Mounting Clip	90° Adjustable Angle	Cable Suspension

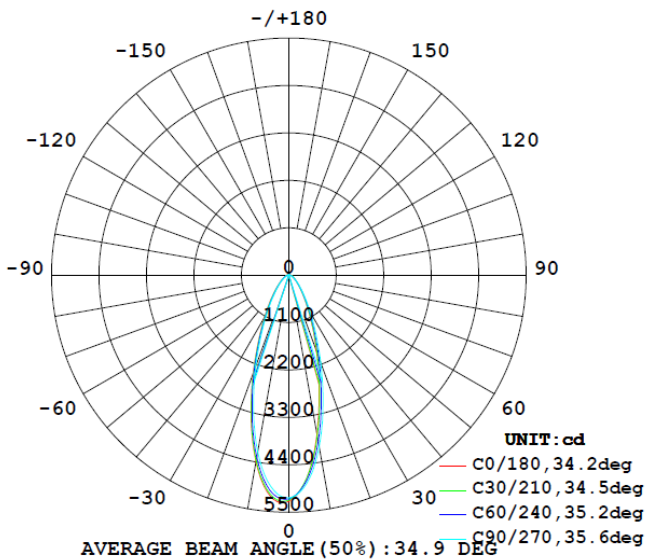
10°



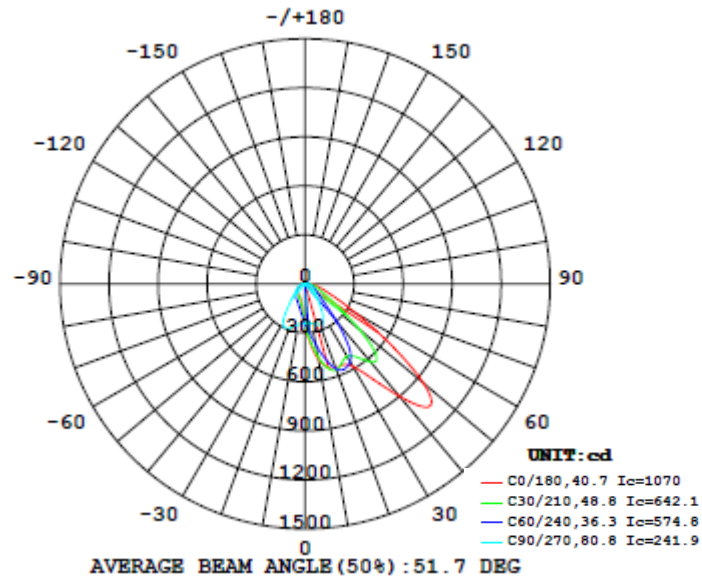
20°



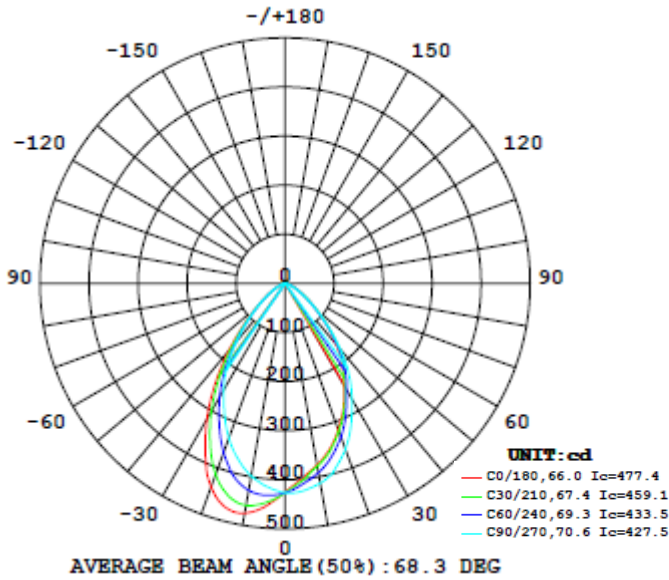
30°



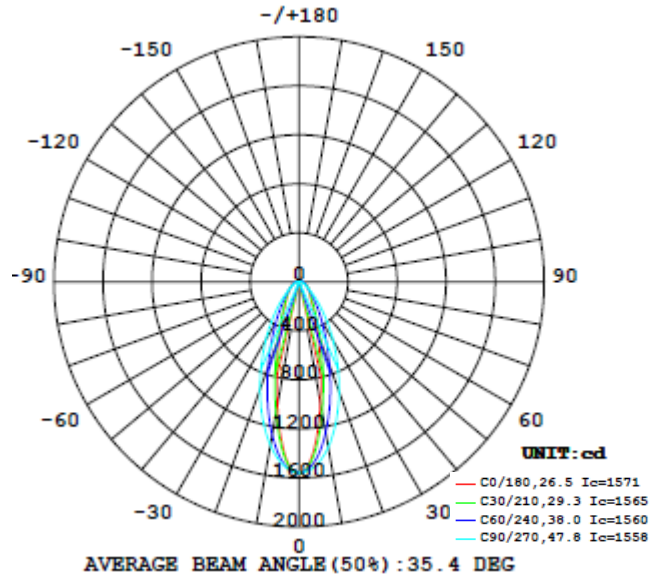
Asymmetric 45°



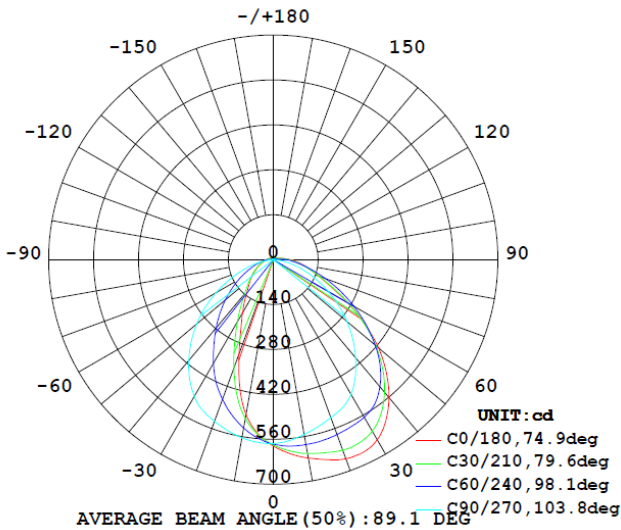
60°



10° x 45°



Asymmetric 110°x70°



FlexBeam Specifications



Power Supply Ordering Codes

DTR		+	60		+	IP67		DTR60IP67 - Dimming, 60 Watt, IP67			
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	IP42 Indoor	90-264V	24V	3.03 x 1.57 x 1.14						
						12 12 Watt	3.03 x 1.57 x 1.14				
						16 16 Watt	3.31 x 2.24 x 1.16				
						25 25 Watt	3.31 x 2.24 x 1.16				
						35 35 Watt	3.31 x 2.24 x 1.16				
	DTR Dimming (0-10V)	20 20 Watt	IP67 Outdoor	90-264V	24V	4.65 x 1.38 x 1.02					
							35 35 Watt	5.83 x 1.57 x 1.18			
							60 60 Watt	6.40 x 1.67 x 1.26			
							100 100 Watt	7.48 x 2.05 x 1.46			
							150 150 Watt	7.52 x 2.48 x 1.48			
240 240 Watt		IP67 Outdoor	90-305V	24V	5.83 x 1.57 x 1.26						
						16 16 Watt	5.83 x 1.57 x 1.26				
						25 25 Watt	6.40 x 1.70 x 1.26				
						40 40 Watt	6.40 x 1.70 x 1.26				
						60 60 Watt	6.40 x 1.70 x 1.26				
FPD Dimming (Forward Phase)	90 90 Watt	IP67 Outdoor	120V	24V	4.92 x 2.20 x 0.79						
						100 100 Watt	8.66 x 2.68 x 1.53				
						120 120 Watt	8.66 x 2.68 x 1.53				
						150 150 Watt	8.97 x 2.68 x 1.58				
						185 185 Watt	8.97 x 2.68 x 1.58				
	240 240 Watt	IP67 Outdoor	120V	24V	4.92 x 2.20 x 0.79						
						320 320 Watt	9.88 x 2.68 x 1.58				
						480 480 Watt	9.92 x 3.54 x 1.72				
						480 480 Watt	10.32 x 4.92 x 1.72				
						600 600 Watt	11.02 x 5.67 x 1.91				
150 150 Watt	IP67 Outdoor	120V	24V	4.92 x 2.20 x 0.79							
					40 40 Watt	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					
150 150 Watt	9.24 x 3.00 x 2.74										

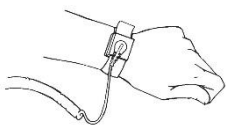
24V LED Tape Installation Guide



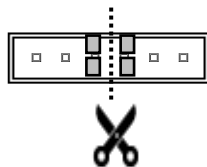
- 1 Use ESD (Electronic Static Discharge) wrist band and ensure hands are clean and oil free when handling LED tape to prevent open electrical components from failing
- 2 LED strip can be cut only at the marked locations or between 2 solder points. Do not touch electrical components.
- 3 Solder connections 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.

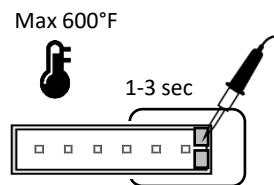
1 Use ESD wrist band



2 Cut LED strip



3 Solder LED strip



4 Connect LED strip



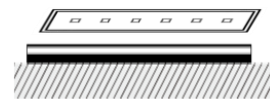
5 Clean mounting surface



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

