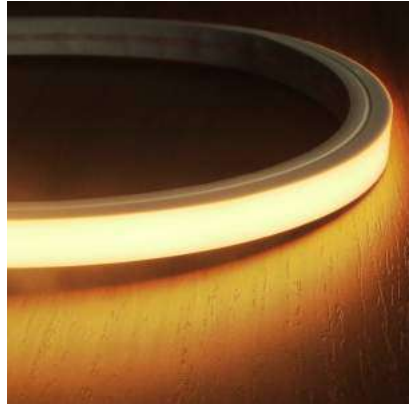
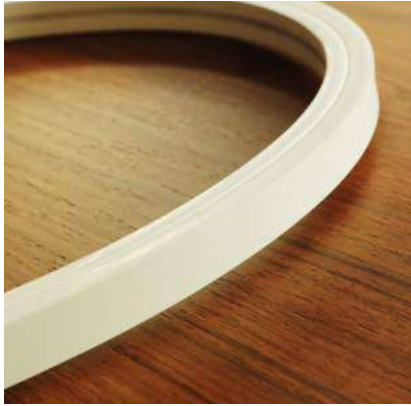
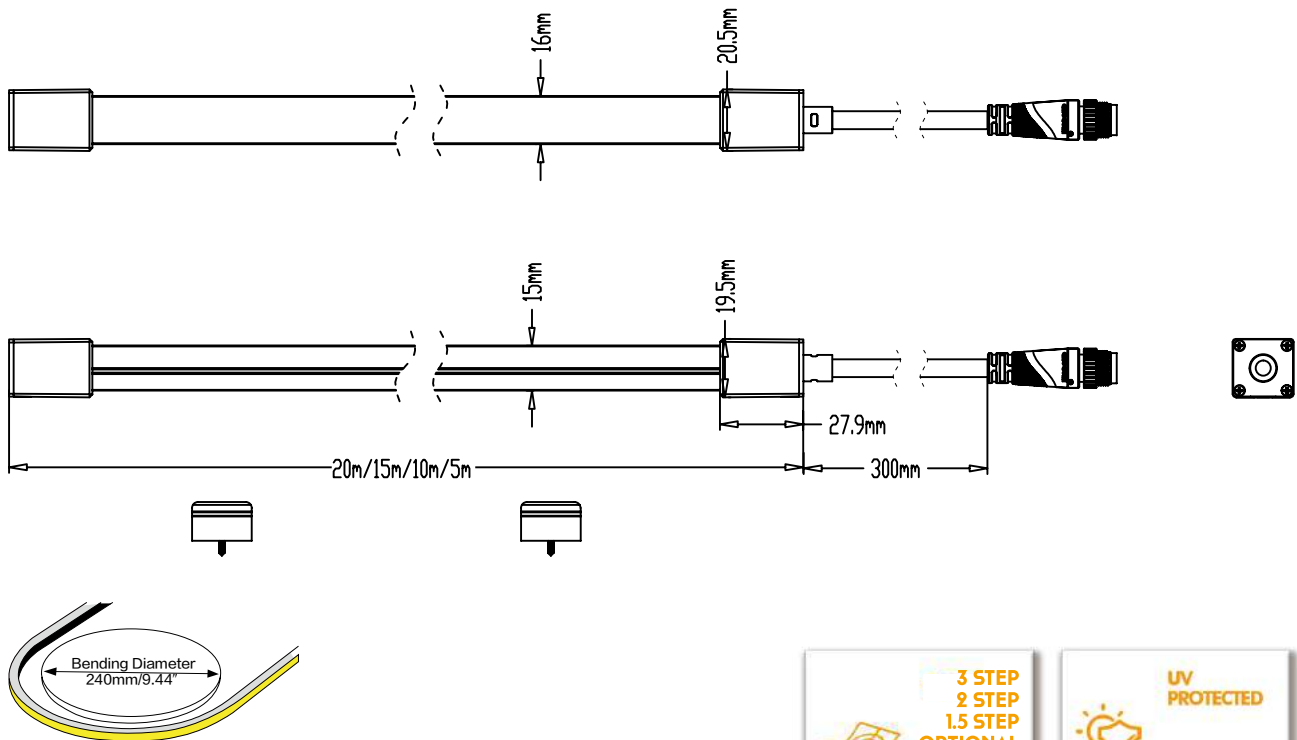


# FLEX TV 1615 IP65



Flex TV IP65, DC 24V, vertical bending only with radius of 120mm(4.7") and a cross section size: 16mm\*15mm/0.63"\*0.59"(W\*H). Up to 50 meter per reel and IP65 protection thanks to silicon extrusion. It is easy to cut & reconnect on site. 3-Step MacAdam bin and dot free guarantee the most excellent performance for indoor&outdoor application.

## DIMENSION

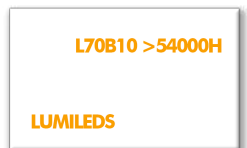
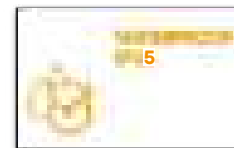


### Electrical data

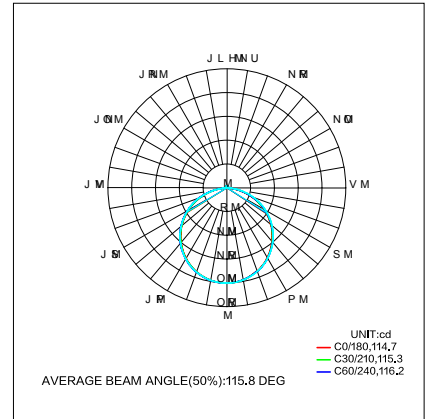
Voltage	DC24V (23.5Vmin, 24.5Vmax)		
LED PIN Temperature	Max. 60.9°C /141.6°F		
Storage Temperature	-25°C /-13°F <sub>min</sub> , 60°C /140°F <sub>max</sub>		
Ambient Temperature	Ta <sub>min</sub> = -25°C /-13°F, Ta <sub>max</sub> (Table below)		
CRI	Ra80/ Ra90 optional		

Flex TV IP65	Low output	Mid output	High output
Power(W/m W/ft)	5/1.5	10/3.1	15/4.6
Efficacy(lm/W) @4000K	83	80	77
Max. Ambient tempt.(Ta <sub>max</sub> )	55°C /131°F	45°C /113°F	35°C /95°F

1. It is available in PRO/ADV/ECO version.
2. It is IP65 for indoor or outdoor.
3. Due to the tolerances of the production and electrical components, output values and electrical power can vary up to 10%.



	5W (low output)		10W(mid output)		15W (high output)		Unit cut
	CCT	Lm/m	Max. run length	Lm/m	Max. run length	Lm/m	
2700K	383	28M	757	18M	1057	15M	50
3000K	400	28M	785	18M	1107	15M	50
4000K	411	28M	800	18M	1147	15M	50
5700K	413	28M	817	18M	1157	15M	50
6500K	399	28M	781	18M	1100	15M	50
T.W	276	5M	555	5M	762	5M	25
W W	122	5M	237	5M	335	5M	25
C W	164	5M	330	5M	466	5M	25
Red	139	35M	279	24M	390	18M	50
Green	411	22M	696	15M	835	10M	50
Blue	62	22M	113	15M	158	10M	50
Yellow	114	35M	242	24M	394	18M	50
Pink	134	22M	255	15M	352	10M	50
RGB	142	5M	254	5M	337	5M	62.5
RGBW	228	5M	438	5M	605	5M	62.5
W827	91	5M	175	5M	234	5M	62.5
W840	101	5M	194	5M	268	5M	62.5
W860	95	5M	183	5M	253	5M	62.5



3000K IES File

1. T.W = Tunable White, W827=RGB+W2700K, Ra80.
2. Max.run length refers to single side feed in serial connection.
3. The given color temperature is the strip(after coating) color temperature.
4. The given data are typical values due to the tolerances of the production process and electrical components, values for light output and electrical power can vary up to 10%.
5. It is no IK-Rated, please don't walk on it without protection.

## VARIOUS CONNECTIONS



### Front Cable Entry

The cable could be hidden in all directions by the flexible design.  
DIY connector



### Side Cable Entry

The cable could be perfectly hidden to achieve seamless light connection.  
DIY connector



### Bottom Cable Entry

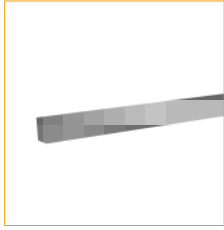
The cable could be perfectly hidden to achieve seamless light connection.  
DIY connector

## APPLICATIONS



The FLEX TV IP65 can be both shaped and straight illumination. Achieve shape decoration with clips, while the straight one with profile. With particular scissor and tiny end cap, you can cut in any length and reconnect by yourself. Patented easy end cap achieves mechanical IP65 waterproof without any glue. It's suitable for most indoor&outdoor applications. For strict waterproof requirement application, please consider our Flex TV IP68 series. Meanwhile, top class silicon provide UV resistance, chemical resistance and salt water resistance.

## ACCESSORIES



Aluminium Profile

Dimension: 1000x19.2x17.8mm/39.37"x0.76"x0.7"(LxWxH)  
Material: aluminium  
Color: silver



End Cap 5PIN

Dimension: 27x20.5x19mm/1.06"x0.81"x0.75"(LxWxH)  
Color: transparent  
Optional: front/side/bottom cable entry



Mounting Clips

Dimension: 20x16.6x12.4mm/0.79"x0.65"x0.49  
Material: stainless steel  
Color: silver  
Each meter led strips needs 2 clips + 2 screws



IP67 Connector 2PIN

Wire gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical operation: >500 mating cycles



Closed End Cap

Dimension: 27x20.5x19mm/1.06"x0.81"x0.75"(LxWxH)  
Material: stainless steel  
Color: silver



IP67 Connector 3PIN

Wire gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical operation: >500 mating cycles



End Cap 2PIN

Dimension: 27x20.5x19mm/1.06"x0.81"x0.75"(LxWxH)  
Color: transparent  
Optional: front/side/bottom cable entry



IP67 Connector 4PIN

Wire gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical operation: >500 mating cycles



End Cap 3PIN

Dimension: 27x20.5x19mm/1.06"x0.81"x0.75"(LxWxH)  
Color: transparent  
Optional: front/side/bottom cable entry



IP67 Connector 5PIN

Wire gauge: 0.519mm<sup>2</sup>/20AWG  
Protection: IP67 (Mated)  
Mechanical operation: >500 mating cycles



End Cap 4PIN

Dimension: 27x20.5x19mm/1.06"x0.81"x0.75"(LxWxH)  
Color: transparent  
Optional: front/side/bottom cable entry



LEDLINE FLEX Flex Scissor

