

# 14145

## 4.4W Flexible LED Neon Series



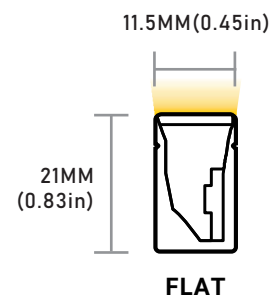
14145 is a high performance flexible LED fixture designed as a neon replacement. Suitable for indoor and outdoor applications, the 14145 easily bends around contours and tight curves without being damaged. It allows for easy installation with its factory sealed terminators and self-locking male and female barrel connectors.

### FEATURES

- High color consistency and smooth illumination
- Multiple CCT options available
- Suitable for indoor and outdoor applications
- Continuous run length up to 32 Ft. (10M)
- UL Listed

### SPECIFICATIONS

<b>INPUT VOLTAGE</b>	24V DC Constant Voltage
<b>POWER CONSUMPTION</b>	4.4W per Ft.
<b>LUMEN OUTPUT</b>	140 Lumens/Ft.
<b>BEAM ANGLE</b>	160° spread
<b>CRI</b>	88+
<b>DIMMING</b>	MLV, ELV, 0-10V & TRIAC
<b>MAXIMUM RUN LENGTH</b>	32 Ft.
<b>IP RATING</b>	IP65
<b>LUMEN MAINTENANCE</b>	50,000 Hours
<b>POWER FACTOR</b>	≤ 1
<b>OPERATING TEMPERATURE</b>	-40°F ~131°F (-40°C ~ 55°C)
<b>STORAGE TEMPERATURE</b>	-40°F ~140°F (-40°C ~ 60°C)
<b>HUMIDITY</b>	0-95% Non Condensing
<b>CERTIFICATIONS</b>	UL Listed
<b>DIMENSIONS</b>	Width x Depth: 0.45" x 0.83"



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### STANDARD ORDERING GUIDE

Model	Lens	Color Temp	Voltage	Length (CODE)	Power Feed Length
14145	F Flat	<b>22K</b> 2200K  <b>27K</b> 2700K  <b>30K</b> 3000K  <b>40K</b> 4000K  <b>60K</b> 6000K  <b>RD</b> Red  <b>GN</b> Green  <b>BL</b> Blue  <b>AM</b> Amber  <b>PK</b> Pink  <b>YW</b> Yellow	<b>24V</b> 24V DC	Please refer to pages 5-6 for exact lengths with corresponding ordering codes.	<b>HW3</b> 3 Ft. Power Feed  <b>HW10</b> 10 Ft. Power Feed  <b>HW15</b> 15 Ft. Power Feed  <b>HW30</b> 30 Ft. Power Feed  <b>HW50</b> 50 Ft. Power Feed

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### IP65 POWER FEED

**EF**  
End Feed

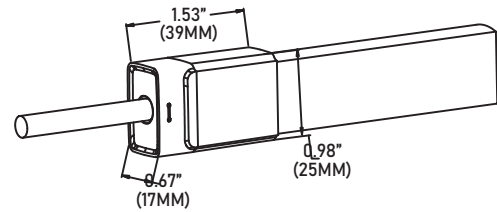
**HW3**  
3 Ft. Power Feed

**HW10**  
10 Ft. Power Feed

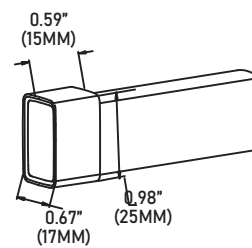
**HW15**  
15 Ft. Power Feed

**HW30**  
30 Ft. Power Feed

**HW50**  
50 Ft. Power Feed



**EC**  
End Cap



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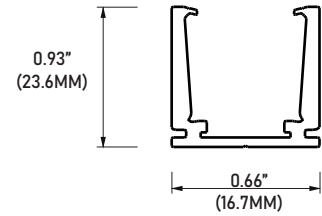
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### ACCESSORIES

#### SELF LOCKING ALUMINUM PROFILE

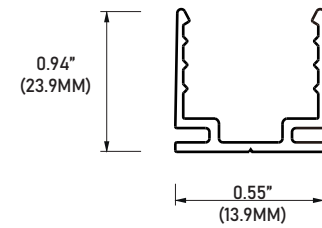
14145-AC2  
2" Profile

14145-AC39  
39" Profile



#### PLASTIC PROFILE

14145-PC39  
39" Profile

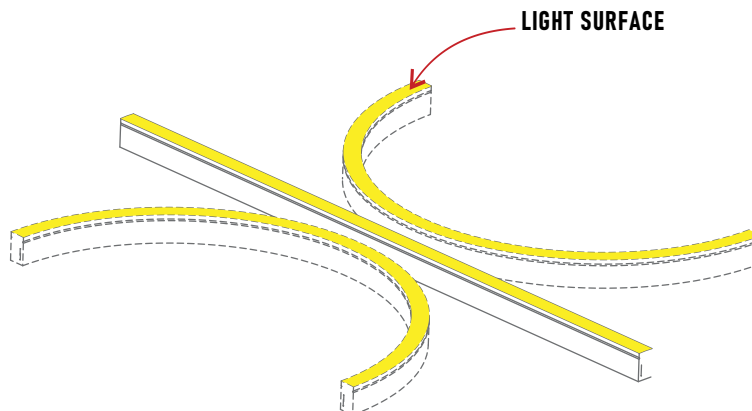
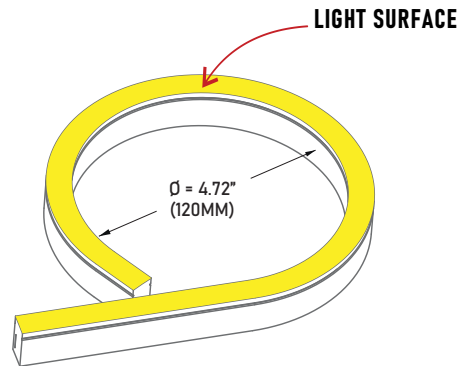


### BEND RADIUS

#### NOTE:

LED strip bends ONLY SIDEWAYS, along its horizontal axis.

Bending the LED strip vertically (perpendicular to the light surface) may damage the LED strip.



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14145 Series is cuttable **every 3.94" (10 CM)**. Please refer to chart below to determine actual lengths once LED is cut versus actual lengths required or specified.

Total Length Calculation = order code length + end feed length  
 example: 60.58" total length = code 15 + (59.05") + end feed (1.53")

POWER FEED LENGTH	IP65
END FEED	1.53"

Optional lead wire lengths available: **3Ft., 10Ft., 16Ft., 32Ft., 50Ft.**

### CUTTING LENGTH INCREMENT TABLE

CODE	LENGTH IN CM	LENGTH IN INCHES	CODE	LENGTH IN CM	LENGTH IN INCHES
1	10	3.94	34	340	133.86
2	20	7.87	35	350	137.79
3	30	11.81	36	360	141.73
4	40	15.75	37	370	145.67
5	50	19.68	38	380	149.61
6	60	23.62	39	390	153.54
7	70	27.56	40	400	157.48
8	80	31.50	41	410	161.42
9	90	35.43	42	420	165.35
10	100	39.37	43	430	169.29
11	110	43.31	44	440	173.23
12	120	47.24	45	450	177.16
13	130	51.18	46	460	181.10
14	140	55.12	47	470	185.04
15	150	59.05	48	480	188.98
16	160	63.00	49	490	192.91
17	170	66.93	50	500	196.85
18	180	70.87	51	510	200.79
19	190	74.80	52	520	204.72
20	200	78.74	53	530	208.66
21	210	82.68	54	540	212.60
22	220	86.61	55	550	216.53
23	230	90.55	56	560	220.47
24	240	94.49	57	570	224.41
25	250	98.43	58	580	228.35
26	260	102.36	59	590	232.28
27	270	106.29	60	600	236.22
28	280	110.24	61	610	240.16
29	290	114.17	62	620	244.10
30	300	118.11	63	630	248.03
31	310	122.05	64	640	251.97
32	320	125.98	65	650	255.91
33	330	129.92	66	660	259.84

