PROJECT NAME:	DATE:	TYPE:
SPECIFIER:	PREPARED BY:	
PART NO.:		

LED STRIP SERIES

TBD.NU-IP68-4.4

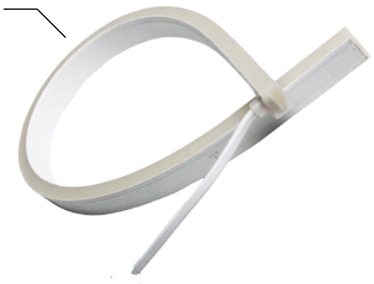
4.4W WET LOCATION / SUBMERSIBLE LED STRIP

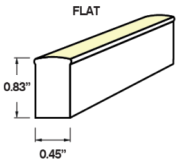
Bottom Feed

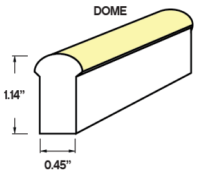
Side Feed

End Feed

Bend Radius:
4.72”







TBD.NU-IP68 is a cost-effective flexible LED fixture designed to bend around awkward contours or tight radiuses, in applications requiring a smooth or continuous line of light. Fully encapsulated UV protected IP68 wet location/submersible rated.

FEATURES

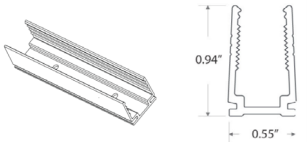
- 24V DC
- 4.4 Watts per ft.
- Lumen Output 140Lm/Ft Flat / 105Lm/Ft Dome
- 88+ CRI
- Max Run 32’
- IP67 / IP68 Rated: Width 0.45” x Depth 0.83” Flat or 1.14" Dome
- Bend Radius 4.72”
- Beam Angle 160° Flat / 120° Dome
- Requires Remote Power Supply
- Dimmable MLV, ELV, 0-10 and TRIAC
- Certifications: UL Listed
- Long Life: 50,000 Hours
- Earth Friendly: Mercury & Lead Free
- Storage Temp: -4°F ~ 45°F
- Operating Temp: -4°F ~ 76°F

INDOOR OUTDOOR DIMMABLE

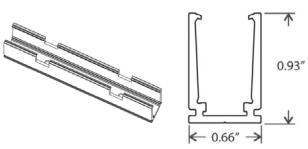
Note: Fixture only bends along and opposite the direction of the light surface. Bending the LED strip sideways (perpendicular) to the light surface, or more than indicated bend radius, risks damage to the LED strip.

UL LISTED

ACCESSORIES



TBD.NU-IP684.4-AC2 (2”)
TBD.NU-IP684.4-AC39 (39”)
Self-Locking Aluminum Channels
(Sold Separately)



TBD.NU-IP684.4-PC39 (39”)
Plastic Channel
(Sold Separately)

TBD.NU-IP68-EC
End Caps
(Sold Separately)

ORDERING GUIDE

TBD.NU-IP68-4.4 — [ ] — [ ] — [ ] — **24** — [ ] —

POWER FEED	LENS	TEMP / COLOR		VOLTAGE	POWER FEED
EF - EndFeed	**F** - Flat	**24K** - 2400K	**RD** - Red	**24** - 24V DC	**HW3** - 3 ft.
BF - Bottom Feed	**D** - Dome	**27K** - 2700K	**PK** - Pink		**HW10** - 10 ft.
LSF - Left Side Feed		**30K** - 3000K	**GN** - Green		**HW16** - 16 ft.
RSF - Right Side Feed		**35K** - 3500K	**BL** - Blue		**HW32** - 32 ft.
		40K - 4000K	**AM** - Amber		**HW50** - 50 ft.
		50K - 5000K	**YW** - Yellow		
			RGB(W)* - RGB(W)*		

***Note:** RGB(W) available upon request. DMX Controller required.

TBD LED SOLUTIONS
218 E Valley Rd, Ste 104 – PMB377, Carbondale, CO 81623
www.tbdledsolutions.com

PROJECT NAME:	DATE:	TYPE:
SPECIFIER:	PREPARED BY:	
PART NO.:		

TLS

CUTTING LENGTH INCREMENT TABLE

TBD.NU Series is cuttable every 3.94 in. or 10 cm. Please refer to chart below to determine actual lengths once LED is cut versus actual lengths required or specified.

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

Total Length Calculation = **order code length + end feed option length**
Example: **60.8" total length** = order code 60 (59.05" + 1.97" - End Fed Option)

End Feed Option	Length
End Feed	1.97"
Bottom Feed	1.65"
Side Feed	1.65"

CODE	LENGTH IN CM	LENGTH IN INCHES
1	10	3.94
2	20	7.87
3	30	11.81
4	40	15.75
5	50	19.68
6	60	23.62
7	70	27.56
8	80	31.50
9	90	35.43
10	100	39.37
11	110	43.31
12	120	47.24
13	130	51.18
14	140	55.12
15	150	59.05
16	160	63.00
17	170	66.93
18	180	70.87
19	190	74.80
20	200	78.74
21	210	82.68
22	220	86.61
23	230	90.55
24	240	94.49
25	250	98.43
26	260	102.36
27	270	106.29
28	280	110.24
29	290	114.17
30	300	118.11
31	310	122.05
32	320	125.98
33	330	129.92

CODE	LENGTH IN CM	LENGTH IN INCHES
34	340	133.86
35	350	137.79
36	360	141.73
37	370	145.67
38	380	149.61
39	390	153.54
40	400	157.48
41	410	161.42
42	420	165.35
43	430	169.29
44	440	173.23
45	450	177.16
46	460	181.10
47	470	185.04
48	480	188.98
49	490	192.91
50	500	196.85
51	510	200.79
52	520	204.72
53	530	208.66
54	540	212.60
55	550	216.53
56	560	220.47
57	570	224.41
58	580	228.35
59	590	232.28
60	600	236.22
61	610	240.16
62	620	244.10
63	630	248.03
64	640	251.97
65	650	255.91
66	660	259.84

CODE	LENGTH IN CM	LENGTH IN INCHES
67	670	263.78
68	680	267.72
69	690	271.65
70	700	275.59
71	710	279.53
72	720	283.46
73	730	287.40
74	740	291.34
75	750	295.28
76	760	299.21
77	770	303.15
78	780	307.09
79	790	311.02
80	800	314.96
81	810	318.90
82	820	322.83
83	830	326.77
84	840	330.71
85	850	334.65
86	860	338.58
87	870	342.52
88	880	346.46
89	890	350.39
90	900	354.33
91	910	358.27
92	920	362.20
93	930	366.14
94	940	370.08
95	950	374.02
96	960	377.95
97	970	381.89
98	980	385.83
99	990	389.76
100	1000	393.70