

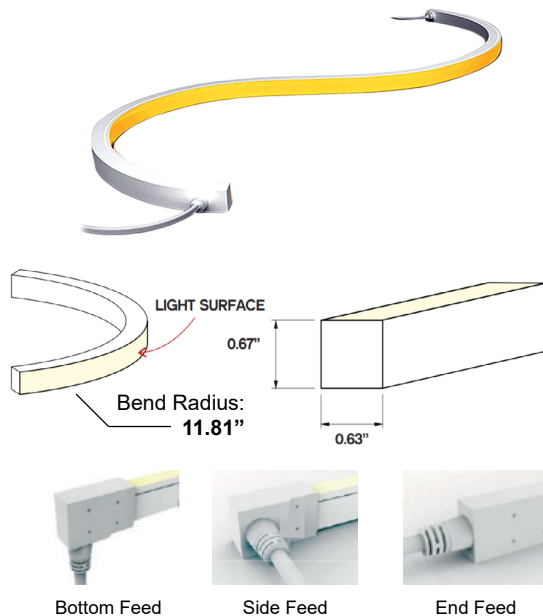
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|---------------|--------------|-------|
| PROJECT NAME: | DATE: | TYPE: |
| SPECIFIER: | PREPARED BY: | |
| PART NO.: | | |



LED STRIP SERIES

TBD.NU-IP68-3.4

3.4W WET LOCATION / SUBMERSIBLE FLEXIBLE LED STRIP

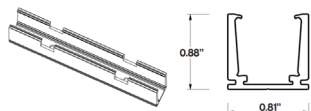


TBD.NU-IP68-3.4 is a 3.4 Watt high performance flexible LED fixture designed to bend around awkward contours or tight radiuses, in applications requiring a smooth or continuous line of light. Fully encapsulated UV protected IP68 wet location/submersible rated.

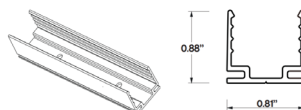
FEATURES

- 24V DC
- 3.4 Watts per ft.
- 190 Lumens
- 88+ CRI
- Max Run 32'
- Strip Dimensions: Width 0.63" x Depth 0.67"
- Bend Radius 11.81"
- IP68 Wet Location/Submersible (Pool)
- Beam Angle 160°
- Requires Remote Power Supply
- Certifications: UL Listed, UL-676(IP68)
- Long Life: 50,000 Hours
- Earth Friendly: Mercury & Lead Free
- Storage Temp: -40°F ~ 176°F
- Operating Temp: -4°F ~ 113°F

ACCESSORIES



TBD.NU-IP683.4-AC2 (2")
TBD.NU-IP683.4-AC39 (39")
Self-Locking Aluminum Channels
(Sold Separately)



TBD.NU-IP683.4-PC39 (39")
Plastic Channel
(Sold Separately)



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

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.



ORDERING GUIDE

TBD.NU-IP68-3.4

POWER FEED

EF - End Feed
BF - Bottom Feed
LSF - Left Side Feed
RSF - Right Side Feed

LENS

F - Flat

TEMP / COLOR

24K - 2400K
27K - 2700K
30K - 3000K
35K - 3500K
40K - 4000K
50K - 5000K

RD - Red
PK - Pink
GN - Green
BL - Blue
AM - Amber
YW - Yellow
RGB(W)* - RGB(W)*

VOLTAGE

24 - 24V DC

POWER FEED

HW3 - 3 ft.
HW10 - 10 ft.
HW16 - 16 ft.
HW32 - 32 ft.
HW50 - 50 ft.

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

| | | |
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CUTTING LENGTH INCREMENT TABLE

TBD.NU Series is cuttable every 2.19 in. or 5 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: **66.92" total length** = order code 60 (65.67" + 1.25" - End Fed Option)

| End Feed Option | Length |
|-----------------|--------|
| End Feed | 1.25" |
| Bottom Feed | 0.25" |
| Side Feed | 0.25" |

| CODE | CM | IN | CODE | CM | IN | CODE | CM | IN | CODE | CM | IN | CODE | CM | IN |
|------|--------|-------|------|--------|--------|------|--------|--------|------|--------|--------|------|--------|--------|
| 1 | 5.56 | 2.19 | 34 | 189.04 | 74.43 | 67 | 372.52 | 146.66 | 107 | 594.92 | 234.22 | 147 | 817.32 | 321.78 |
| 2 | 11.12 | 4.38 | 35 | 194.6 | 76.61 | 68 | 378.08 | 148.85 | 108 | 600.48 | 236.41 | 148 | 822.88 | 323.97 |
| 3 | 16.68 | 6.57 | 36 | 200.16 | 78.80 | 69 | 383.64 | 151.04 | 109 | 606.04 | 238.59 | 149 | 828.44 | 326.17 |
| 4 | 22.24 | 8.76 | 37 | 205.72 | 81.00 | 70 | 388.95 | 153.23 | 110 | 611.12 | 240.78 | 150 | 833.34 | 328.35 |
| 5 | 27.8 | 10.94 | 38 | 211.28 | 83.18 | 71 | 394.76 | 155.42 | 111 | 617.16 | 242.98 | 151 | 839.56 | 330.54 |
| 6 | 33.36 | 13.13 | 39 | 216.84 | 85.37 | 72 | 400.32 | 157.61 | 112 | 622.72 | 245.17 | 152 | 845.12 | 332.72 |
| 7 | 38.92 | 15.32 | 40 | 222.4 | 87.56 | 73 | 405.88 | 159.80 | 113 | 628.28 | 247.35 | 153 | 850.68 | 334.91 |
| 8 | 44.48 | 17.51 | 41 | 227.96 | 89.75 | 74 | 411.44 | 161.98 | 114 | 633.84 | 249.54 | 154 | 856.24 | 337.10 |
| 9 | 50.04 | 19.70 | 42 | 233.52 | 91.94 | 75 | 416.68 | 164.17 | 115 | 638.91 | 251.73 | 155 | 861.16 | 339.30 |
| 10 | 55.6 | 21.89 | 43 | 239.08 | 94.13 | 76 | 422.56 | 166.36 | 116 | 644.96 | 253.92 | 156 | 867.36 | 341.49 |
| 11 | 61.16 | 24.08 | 44 | 244.64 | 96.31 | 77 | 428.12 | 168.55 | 117 | 650.52 | 256.12 | 157 | 872.92 | 343.67 |
| 12 | 66.72 | 26.27 | 45 | 250.2 | 98.50 | 78 | 433.68 | 170.74 | 118 | 656.08 | 258.31 | 158 | 878.48 | 345.87 |
| 13 | 72.28 | 28.46 | 46 | 255.76 | 100.70 | 79 | 439.24 | 172.93 | 119 | 661.64 | 260.50 | 159 | 884.04 | 348.06 |
| 14 | 77.84 | 30.65 | 47 | 261.32 | 102.89 | 80 | 444.47 | 175.13 | 120 | 666.72 | 262.68 | 160 | 888.94 | 350.25 |
| 15 | 83.4 | 32.83 | 48 | 266.88 | 105.07 | 81 | 450.36 | 177.31 | 121 | 672.76 | 264.88 | 161 | 895.16 | 352.44 |
| 16 | 88.96 | 35.02 | 49 | 272.44 | 107.26 | 82 | 455.92 | 179.49 | 122 | 678.32 | 267.07 | 162 | 900.72 | 354.63 |
| 17 | 94.52 | 37.21 | 50 | 278 | 109.45 | 83 | 461.48 | 181.69 | 123 | 683.88 | 269.25 | 163 | 906.28 | 356.82 |
| 18 | 100.08 | 39.40 | 51 | 283.56 | 111.64 | 84 | 467.04 | 183.87 | 124 | 689.44 | 271.44 | 164 | 911.84 | 359.01 |
| 19 | 105.64 | 41.59 | 52 | 289.12 | 113.83 | 85 | 472.60 | 186.06 | 125 | 694.51 | 273.63 | 165 | 916.68 | 361.20 |
| 20 | 111.2 | 43.78 | 53 | 294.68 | 116.02 | 86 | 478.16 | 188.25 | 126 | 700.56 | 275.82 | 166 | 922.96 | 363.37 |
| 21 | 116.76 | 45.97 | 54 | 300.24 | 118.21 | 87 | 483.72 | 190.44 | 127 | 706.12 | 278.01 | 167 | 928.52 | 365.57 |
| 22 | 122.32 | 48.16 | 55 | 305.8 | 120.40 | 88 | 489.28 | 192.63 | 128 | 711.68 | 280.20 | 168 | 934.08 | 367.75 |
| 23 | 127.88 | 50.35 | 56 | 311.36 | 122.59 | 89 | 494.84 | 194.82 | 129 | 717.24 | 282.39 | 169 | 939.64 | 369.94 |
| 24 | 133.44 | 52.54 | 57 | 316.92 | 124.78 | 90 | 500.40 | 197.02 | 130 | 722.24 | 284.58 | 170 | 945.20 | 372.13 |
| 25 | 139 | 54.72 | 58 | 322.48 | 126.96 | 91 | 505.96 | 199.20 | 131 | 728.36 | 286.76 | 171 | 950.76 | 374.32 |
| 26 | 144.56 | 56.91 | 59 | 328.04 | 129.15 | 92 | 511.52 | 201.39 | 132 | 733.92 | 288.96 | 172 | 956.32 | 376.50 |
| 27 | 150.12 | 59.10 | 60 | 333.6 | 131.34 | 93 | 517.08 | 203.58 | 133 | 739.48 | 291.15 | 173 | 961.88 | 378.69 |
| 28 | 155.68 | 61.29 | 61 | 339.16 | 133.53 | 94 | 522.64 | 205.77 | 134 | 745.04 | 293.33 | 174 | 967.44 | 380.88 |
| 29 | 161.24 | 63.48 | 62 | 344.72 | 135.72 | 95 | 528.2 | 207.96 | 135 | 750.03 | 295.52 | 175 | 972.28 | 383.09 |
| 30 | 166.8 | 65.67 | 63 | 350.28 | 137.91 | 96 | 533.76 | 210.14 | 136 | 756.16 | 297.70 | 176 | 978.56 | 385.28 |
| 31 | 172.36 | 67.86 | 64 | 355.84 | 140.09 | 97 | 539.32 | 212.34 | 137 | 761.72 | 299.90 | 177 | 984.12 | 387.45 |
| 32 | 177.92 | 70.05 | 65 | 361.4 | 142.28 | 98 | 544.88 | 214.53 | 138 | 767.28 | 302.09 | 178 | 989.68 | 389.64 |
| 33 | 183.48 | 72.24 | 66 | 366.96 | 144.47 | 99 | 550.44 | 216.72 | 139 | 772.84 | 304.28 | 179 | 995.24 | 391.83 |
| | | | | | | 100 | 556 | 218.91 | 140 | 777.84 | 306.47 | 180 | 1000.8 | 394.02 |
| | | | | | | 101 | 561.56 | 221.10 | 141 | 783.96 | 308.66 | | | |
| | | | | | | 102 | 567.12 | 223.28 | 142 | 789.52 | 310.85 | | | |
| | | | | | | 103 | 572.68 | 225.47 | 143 | 795.08 | 313.04 | | | |
| | | | | | | 104 | 578.24 | 227.66 | 144 | 800.64 | 315.23 | | | |
| | | | | | | 105 | 583.8 | 229.85 | 145 | 806.20 | 317.41 | | | |
| | | | | | | 106 | 589.36 | 232.04 | 146 | 811.76 | 319.60 | | | |