

# Beamever

## LINIO NEON 360° TW

Designer's Custom Playground

All-direction Bending · Tunable White

### Features

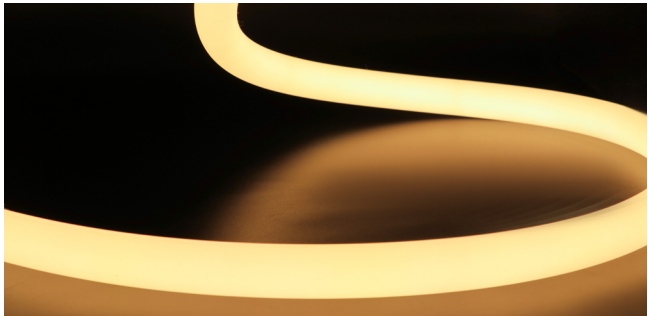
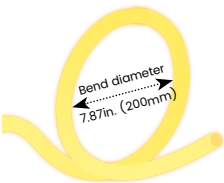
- 360 degree emitting, tunable white from 2700K to 5000K
- IP67 rated, ideal for outdoor uses
- 5 years warranty

### Applications

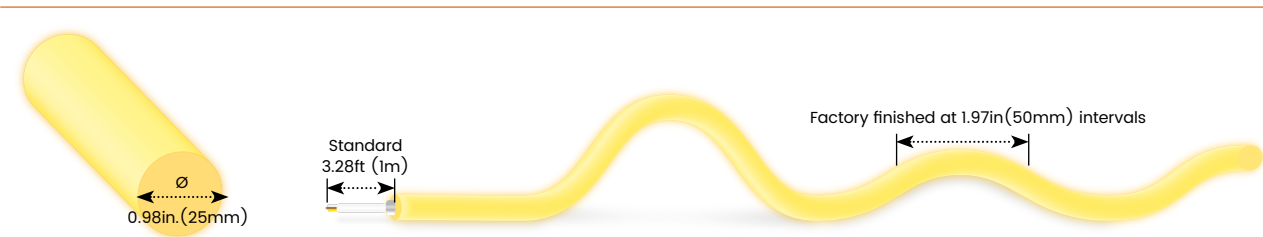
Libraries, coffee shops, offices, lobbies, malls, studios, etc.

|              |               |
|--------------|---------------|
| Date         | Fixture type  |
| Project name | Project phase |

### Bending Directions & Diameters



### Dimensions



### Order Code

| Model | Environment   | Voltage   | CCT                | Power        | End Cap              | Left Feed Entry |    |                                              |
|-------|---------------|-----------|--------------------|--------------|----------------------|-----------------|----|----------------------------------------------|
| LN360 | W7-Wet (IP67) | 24V-DC24V | 27K50K-2700K+5000K | 3.1-3.05W/ft | FT Flush Translucent | F Front         | OW | Open wire 3.28ft (1m)                        |
|       |               |           |                    |              |                      | S Side          | MC | Male connector with 11.81in. (300mm) cable   |
|       |               |           |                    |              |                      | C Closed        | FC | Female connector with 11.81in. (300mm) cable |
|       |               |           |                    |              |                      |                 | NA | Only for Closed Feed Entry                   |

### Assembly Builder

### Assembly Builder

| Right Feed Entry |    |                                              | Length       |                |
|------------------|----|----------------------------------------------|--------------|----------------|
| F Front          | OW | Open wire 3.28ft (1m)                        | Max. nominal | 16.4ft (5m)    |
| S Side           | MC | Male connector with 11.81in. (300mm) cable   | Increment    | 1.97in. (50mm) |
| C Closed         | FC | Female connector with 11.81in. (300mm) cable |              |                |
|                  | NA | Only for Closed Feed Entry                   |              |                |

### Mounting Order Code

| Product Code                               |
|--------------------------------------------|
| Please select on the Mounting Options page |

\*We will list the nearest actual manufacturing length on the quotation, based on your requested length.

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## LINIO NEON 360° TW

Designer's Custom Playground

All-direction Bending · Tunable White

### Lumen Output (lm/ft)

| CCT                       | 3.05W/ft    |
|---------------------------|-------------|
| 2700K                     | 98          |
| 5000K                     | 104         |
| 2700K+5000K               | 201         |
| Max. Run for Class 2*     | 16.4ft (5m) |
| Max. Run Supported Length | 16.4ft (5m) |

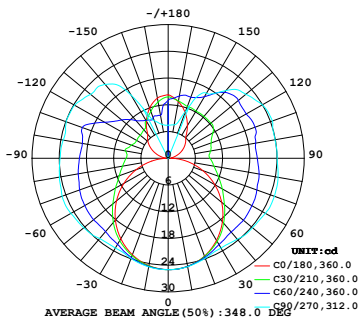
\*Typically installations in USA and Canada comply with Class 2 requirements

### Technical Details

|                       |                           |
|-----------------------|---------------------------|
| Efficacy              | 66lm/W @2700K+5000k 3.05W |
| CRI                   | Ra≥90                     |
| Beam Angle            | 360°                      |
| LED MacAdam           | 3 steps                   |
| Average Life (L80B10) | >43,000 hours             |
| Storage Temperature   | -40°F~140°F (-40°C~ 60°C) |
| Operating Temperature | -40°F~113°F (-40°C~ 45°C) |

### Photometry

LN360-W7-24V-27K50K-3.1-FT-F-OW-F-OW  
LINIO NEON 360° TW, All-direction Bend, 2700K+5000K, 3.05W/ft

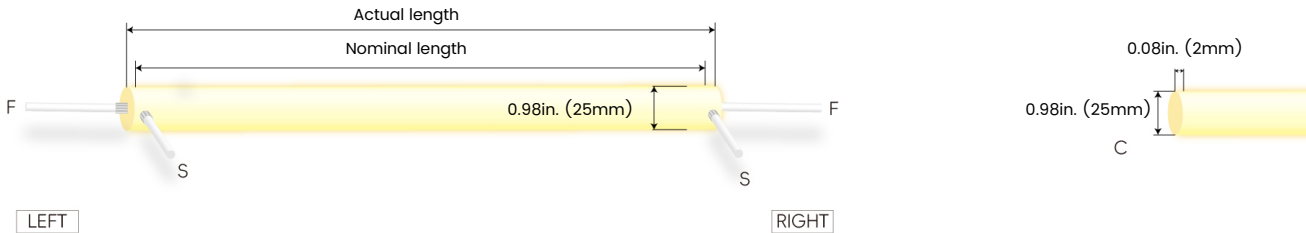


Zonal Lumen Summary

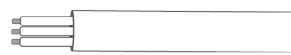
| Zone  | Lumen | % Fixture |
|-------|-------|-----------|
| 0-30  | 19.7  | 9.8%      |
| 0-40  | 33.1  | 16.4%     |
| 0-60  | 65.1  | 32.3%     |
| 0-90  | 115.1 | 57.1%     |
| 0-180 | 201.5 | 100.0%    |

### Feed Entry / End Cap Options

FT: Flush Translucent – IP67, factory-made only



### Connector Wire Options



**OW:** Open wire, **Dry only**  
Standard 11.8lin. (300mm), 20 AWG,  
wire length customizable

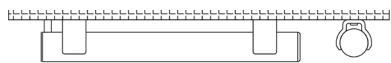


**MC:** Male connector, **Wet**  
Standard 11.8lin. (300mm), 20 AWG



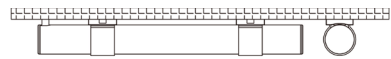
**FC:** Female connector, **Wet**  
Standard 11.8lin. (300mm), 20 AWG

Mounting Options



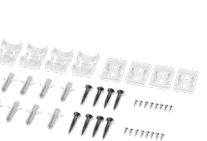
NF360-SFC-O

|          |                                       |
|----------|---------------------------------------|
| Name     | Surface mount clear bracket-open clip |
| Material | PC                                    |



NF360-SFC-C

|          |                                         |
|----------|-----------------------------------------|
| Name     | Surface mount clear bracket-closed clip |
| Material | PC                                      |



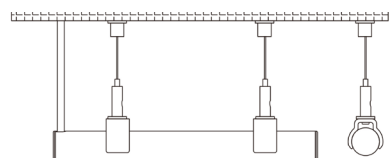
NF360-SFC-L

|          |                                              |
|----------|----------------------------------------------|
| Name     | Surface mount clear bracket-low profile clip |
| Material | PC                                           |



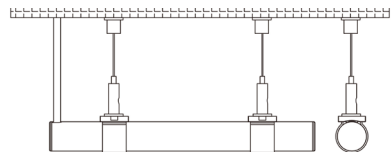
NF360-SFC-PC

|          |                                        |
|----------|----------------------------------------|
| Name     | Surface mount clear bracket-PC channel |
| Material | PC                                     |



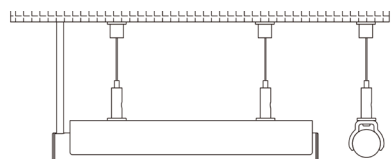
NF360-SPC-O

|          |                                         |
|----------|-----------------------------------------|
| Name     | Suspended mount clear bracket-open clip |
| Material | Stainless Steel, PC                     |



NF360-SPC-C

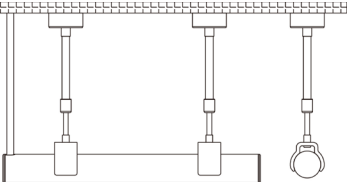
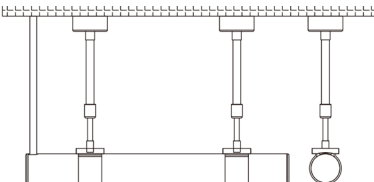
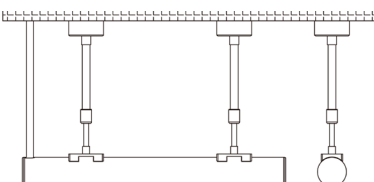
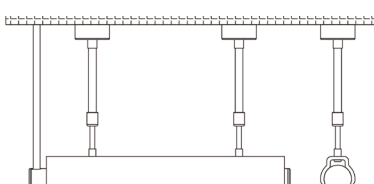
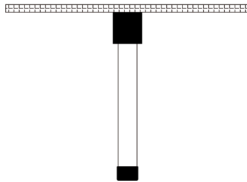
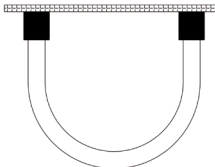
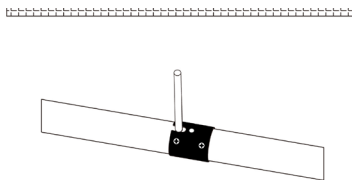
|          |                                           |
|----------|-------------------------------------------|
| Name     | Suspended mount clear bracket-closed clip |
| Material | Stainless Steel, PC                       |



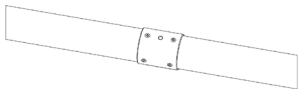
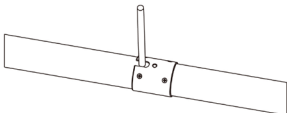
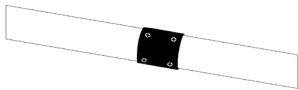
NF360-SPC-PC

|          |                                          |
|----------|------------------------------------------|
| Name     | Suspended mount clear bracket-PC channel |
| Material | Stainless Steel, PC                      |

Mounting Options

|                                                                                     |                                                                                     |                                                                                                                                                                                                                            |      |                                                    |          |          |                   |                            |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------------------------------------|----------|----------|-------------------|----------------------------|
|    |    | <div>NF360-TLC-O</div> <table><tr><td>Name</td><td>Telescoping white bracket-open clip</td></tr><tr><td>Material</td><td>PC</td></tr><tr><td>Adjustable Length</td><td>19.69-39.37in.(500-1000mm)</td></tr></table>        | Name | Telescoping white bracket-open clip                | Material | PC       | Adjustable Length | 19.69-39.37in.(500-1000mm) |
| Name                                                                                | Telescoping white bracket-open clip                                                 |                                                                                                                                                                                                                            |      |                                                    |          |          |                   |                            |
| Material                                                                            | PC                                                                                  |                                                                                                                                                                                                                            |      |                                                    |          |          |                   |                            |
| Adjustable Length                                                                   | 19.69-39.37in.(500-1000mm)                                                          |                                                                                                                                                                                                                            |      |                                                    |          |          |                   |                            |
|    |    | <div>NF360-TLC-C</div> <table><tr><td>Name</td><td>Telescoping white bracket-closed clip</td></tr><tr><td>Material</td><td>PC</td></tr><tr><td>Adjustable Length</td><td>19.69-39.37in.(500-1000mm)</td></tr></table>      | Name | Telescoping white bracket-closed clip              | Material | PC       | Adjustable Length | 19.69-39.37in.(500-1000mm) |
| Name                                                                                | Telescoping white bracket-closed clip                                               |                                                                                                                                                                                                                            |      |                                                    |          |          |                   |                            |
| Material                                                                            | PC                                                                                  |                                                                                                                                                                                                                            |      |                                                    |          |          |                   |                            |
| Adjustable Length                                                                   | 19.69-39.37in.(500-1000mm)                                                          |                                                                                                                                                                                                                            |      |                                                    |          |          |                   |                            |
|    |    | <div>NF360-TLC-L</div> <table><tr><td>Name</td><td>Telescoping white bracket-low profile clip</td></tr><tr><td>Material</td><td>PC</td></tr><tr><td>Adjustable Length</td><td>19.69-39.37in.(500-1000mm)</td></tr></table> | Name | Telescoping white bracket-low profile clip         | Material | PC       | Adjustable Length | 19.69-39.37in.(500-1000mm) |
| Name                                                                                | Telescoping white bracket-low profile clip                                          |                                                                                                                                                                                                                            |      |                                                    |          |          |                   |                            |
| Material                                                                            | PC                                                                                  |                                                                                                                                                                                                                            |      |                                                    |          |          |                   |                            |
| Adjustable Length                                                                   | 19.69-39.37in.(500-1000mm)                                                          |                                                                                                                                                                                                                            |      |                                                    |          |          |                   |                            |
|   |   | <div>NF360-TLC-PC</div> <table><tr><td>Name</td><td>Telescoping white bracket-PC channel</td></tr><tr><td>Material</td><td>PC</td></tr><tr><td>Adjustable Length</td><td>19.69-39.37in.(500-1000mm)</td></tr></table>      | Name | Telescoping white bracket-PC channel               | Material | PC       | Adjustable Length | 19.69-39.37in.(500-1000mm) |
| Name                                                                                | Telescoping white bracket-PC channel                                                |                                                                                                                                                                                                                            |      |                                                    |          |          |                   |                            |
| Material                                                                            | PC                                                                                  |                                                                                                                                                                                                                            |      |                                                    |          |          |                   |                            |
| Adjustable Length                                                                   | 19.69-39.37in.(500-1000mm)                                                          |                                                                                                                                                                                                                            |      |                                                    |          |          |                   |                            |
|  |  | <div>NF360-VB</div> <table><tr><td>Name</td><td>Vertical metal flush surface mount bracket-black</td></tr><tr><td>Material</td><td>Aluminum</td></tr></table>                                                              | Name | Vertical metal flush surface mount bracket-black   | Material | Aluminum |                   |                            |
| Name                                                                                | Vertical metal flush surface mount bracket-black                                    |                                                                                                                                                                                                                            |      |                                                    |          |          |                   |                            |
| Material                                                                            | Aluminum                                                                            |                                                                                                                                                                                                                            |      |                                                    |          |          |                   |                            |
|  |  | <div>NF360-UB</div> <table><tr><td>Name</td><td>U-shaped metal flush mount bracket-black</td></tr><tr><td>Material</td><td>Aluminum</td></tr></table>                                                                      | Name | U-shaped metal flush mount bracket-black           | Material | Aluminum |                   |                            |
| Name                                                                                | U-shaped metal flush mount bracket-black                                            |                                                                                                                                                                                                                            |      |                                                    |          |          |                   |                            |
| Material                                                                            | Aluminum                                                                            |                                                                                                                                                                                                                            |      |                                                    |          |          |                   |                            |
|  |  | <div>NF360-JNB-S</div> <table><tr><td>Name</td><td>Metal joiner bracket-black (side cable entry only)</td></tr><tr><td>Material</td><td>Aluminum</td></tr></table>                                                         | Name | Metal joiner bracket-black (side cable entry only) | Material | Aluminum |                   |                            |
| Name                                                                                | Metal joiner bracket-black (side cable entry only)                                  |                                                                                                                                                                                                                            |      |                                                    |          |          |                   |                            |
| Material                                                                            | Aluminum                                                                            |                                                                                                                                                                                                                            |      |                                                    |          |          |                   |                            |

Mounting Options



|                    |                                             |
|--------------------|---------------------------------------------|
| <b>NF360-JNB-C</b> |                                             |
| Name               | Metal joiner bracket-black (closed end cap) |
| Material           | Aluminum                                    |



|                    |                                              |
|--------------------|----------------------------------------------|
| <b>NF360-JNC-S</b> |                                              |
| Name               | Joiner bracket-clear (side cable entry only) |
| Material           | PC                                           |



|                    |                                       |
|--------------------|---------------------------------------|
| <b>NF360-JNC-C</b> |                                       |
| Name               | Joiner bracket-clear (closed end cap) |
| Material           | PC                                    |

Additional Accessories (Optional, purchase for extra)



**MCW-3P-67**  
Male connector,  
11.8lin. (300mm) white cable,  
3 pin, IP67, Wet, 20 AWG



**FCW-3P-67**  
Female connector,  
11.8lin. (300mm) white cable,  
3 pin, IP67, Wet, 20 AWG



**MCB-3P-67**  
Male connector,  
11.8lin. (300mm) black cable,  
3 pin, IP67, Wet, 20 AWG



**FCB-3P-67**  
Female connector,  
11.8lin. (300mm) black cable,  
3 pin, IP67, Wet, 20 AWG

### Drivers

#### Non-dimmable

| Code         | Max Load | Input      | Output | Class 2 | With Junction Box | Environment  | Size (L x W x H)                     |
|--------------|----------|------------|--------|---------|-------------------|--------------|--------------------------------------|
| KV-24030-ASW | 30W      | 100-277VAC | 24V    | Yes     | No                | Dry/Damp     | 6.1 x 2.1 x 0.8in. (155 x 54 x 20mm) |
| KV-24060-ASW | 60W      | 100-277VAC | 24V    | Yes     | No                | Dry/Damp     | 7 x 2.4 x 0.9in. (178 x 61 x 24mm)   |
| KV-24096-ASW | 96W      | 100-277VAC | 24V    | Yes     | No                | Dry/Damp/Wet | 9.1 x 2.8 x 1.7in. (230 x 70 x 43mm) |

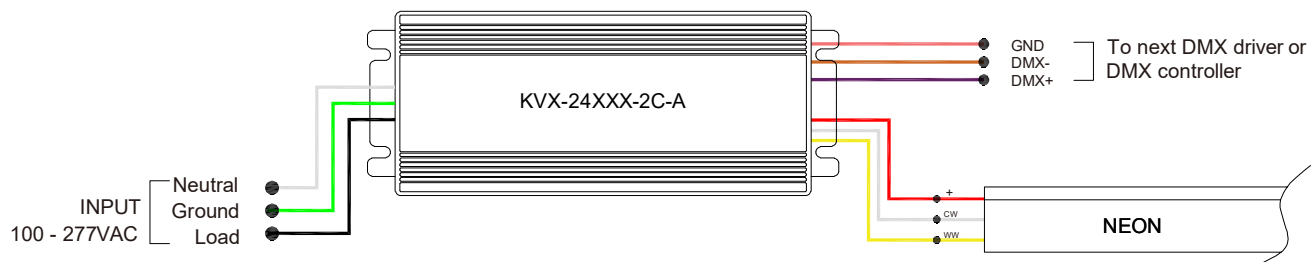
#### DMX-dimmable

| Code           | Max Load | Input      | Output | Class 2 | Environment  | Size (L x W x H)                           |
|----------------|----------|------------|--------|---------|--------------|--------------------------------------------|
| KVX-24096-2C-A | 96W      | 100-277VAC | 24V    | Yes     | Dry/Damp/Wet | 9.05 x 3.07 x 0.98 in. (230 x 78 x 25 mm)  |
| KVX-24150-2C-A | 150W     | 100-277VAC | 24V    | No      | Dry/Damp/Wet | 10.90 x 3.07 x 0.98 in. (277 x 78 x 25 mm) |
| KVX-24200-2C-A | 200W     | 100-277VAC | 24V    | No      | Dry/Damp/Wet | 10.90 x 3.07 x 0.98 in. (277 x 78 x 25 mm) |
| KVX-24300-2C-A | 300W     | 100-277VAC | 24V    | No      | Dry/Damp/Wet | 11.85 x 3.07 x 0.98 in. (301 x 78 x 25 mm) |

#### DMX-Decoders & Controllers Options

| Type         | Code          | Description                                                                 | Size (L x W x H)                            |
|--------------|---------------|-----------------------------------------------------------------------------|---------------------------------------------|
| DMX-Decoders | LT-903        | 3 channels output, up to 576W output power                                  | 4.80 x 4.33 x 1.46 in. (122 x 110 x 37 mm)  |
| DMX-Decoders | LT-912        | 12 channels output, up to 1152W output power                                | 7.09 x 4.80 x 1.54 in. (180 x 122 x 39 mm)  |
| DMX-Decoders | LT-924        | 24 channels output, up to 1728W output power                                | 11.81 x 4.80 x 1.54 in. (300 x 122 x 39 mm) |
| Controllers  | DINA-DR micro | DMX 60 channels stand-alone controller with 10 scenes and USB programming   | 2.05 x 1.14 x 0.94 in. (52 x 29 x 24 mm)    |
| Controllers  | SLESA-U9      | DMX 256 channels, USB connection, standalone mode with 1 area and 20 scenes | 3.03 x 3.43 x 1.57 in. (77 x 87 x 40 mm)    |
| Controllers  | STICK-CW4     | DMX 1024 channels controller with 36 scenes and 6 touch buttons             | 4.17 x 5.75 x 0.39 in. (106 x 146 x 10 mm)  |

### Wiring Diagram



24V Voltage Drop & Maximum Wire Length Chart

Based on 24V voltage with a 3% voltage drop allowance. Indicates the maximum wire length from the power supply to the start of the run.

| Total load   | 8AWG            | 10AWG          | 12AWG          | 14AWG          | 16AWG         | 18AWG         | 20AWG        | 22AWG        |
|--------------|-----------------|----------------|----------------|----------------|---------------|---------------|--------------|--------------|
| 10W / 0.4A   | 1588ft (484.0m) | 999ft (304.5m) | 628ft (191.4m) | 395ft (120.4m) | 248ft (75.5m) | 156ft (47.5m) | 98ft (29.8m) | 61ft (18.5m) |
| 20W / 0.8A   | 794ft (242.0m)  | 499ft (152.1m) | 314ft (95.7m)  | 197ft (60.0m)  | 124ft (37.8m) | 78ft (23.7m)  | 49ft (14.9m) | 30ft (9.1m)  |
| 30W / 1.3A   | 529ft (161.2m)  | 333ft (101.5m) | 209ft (63.7m)  | 131ft (39.9m)  | 82ft (24.9m)  | 52ft (15.8m)  | 32ft (9.7m)  | 20ft (6.1m)  |
| 40W / 1.7A   | 397ft (121.0m)  | 249ft (75.9m)  | 157ft (47.8m)  | 98ft (29.8m)   | 62ft (18.9m)  | 39ft (11.8m)  | 24ft (7.3m)  | 15ft (4.5m)  |
| 50W / 2.1A   | 317ft (96.6m)   | 199ft (60.6m)  | 125ft (38.1m)  | 79ft (24.0m)   | 49ft (14.9m)  | 31ft (9.4m)   | 19ft (5.7m)  | 12ft (3.6m)  |
| 60W / 2.5A   | 264ft (80.4m)   | 166ft (50.6m)  | 104ft (31.7m)  | 65ft (19.8m)   | 41ft (12.5m)  | 26ft (7.9m)   | 16ft (4.8m)  | 10ft (3.0m)  |
| 70W / 2.9A   | 226ft (68.8m)   | 142ft (43.2m)  | 89ft (27.1m)   | 56ft (17.0m)   | 35ft (10.6m)  | 22ft (6.7m)   | 14ft (4.2m)  | 8ft (2.4m)   |
| 80W / 3.3A   | 198ft (60.3m)   | 124ft (37.8m)  | 78ft (23.7m)   | 49ft (14.9m)   | 31ft (9.4m)   | 19ft (5.7m)   | 12ft (3.6m)  | 7ft (2.1m)   |
| 90W / 3.8A   | 176ft (53.6m)   | 111ft (33.8m)  | 69ft (21.0m)   | 43ft (13.1m)   | 27ft (8.2m)   | 17ft (5.1m)   | 10ft (3.0m)  | 6ft (1.8m)   |
| 100W / 4.2A  | 158ft (48.1m)   | 99ft (30.1m)   | 62ft (18.9m)   | 39ft (11.8m)   | 24ft (7.3m)   | 15ft (4.5m)   | 9ft (2.7m)   | 6ft (1.8m)   |
| 110W / 4.6A  | 144ft (43.8m)   | 90ft (27.4m)   | 57ft (17.3m)   | 35ft (10.6m)   | 22ft (6.7m)   | 14ft (4.2m)   | 9ft (2.7m)   | 5ft (1.5m)   |
| 120W / 5.0A  | 132ft (40.2m)   | 83ft (25.3m)   | 52ft (15.8m)   | 32ft (9.7m)    | 20ft (6.1m)   | 13ft (3.9m)   | 8ft (2.4m)   | 5ft (1.5m)   |
| 130W / 5.4A  | 122ft (37.1m)   | 76ft (23.1m)   | 48ft (14.6m)   | 30ft (9.1m)    | 19ft (5.7m)   | 12ft (3.6m)   | 7ft (2.1m)   | 4ft (1.2m)   |
| 140W / 5.8A  | 113ft (34.4m)   | 71ft (21.6m)   | 44ft (13.4m)   | 28ft (8.5m)    | 17ft (5.1m)   | 11ft (3.3m)   | 7ft (2.1m)   | 4ft (1.2m)   |
| 150W / 6.3A  | 105ft (32.0m)   | 66ft (20.1m)   | 41ft (12.5m)   | 26ft (7.9m)    | 16ft (4.8m)   | 10ft (3.0m)   | 6ft (1.8m)   | 4ft (1.2m)   |
| 160W / 6.7A  | 99ft (30.1m)    | 62ft (18.9m)   | 39ft (11.8m)   | 24ft (7.3m)    | 15ft (4.5m)   | 9ft (2.7m)    | 6ft (1.8m)   | 3ft (0.9m)   |
| 170W / 7.1A  | 93ft (28.3m)    | 58ft (17.6m)   | 36ft (10.9m)   | 23ft (7.0m)    | 14ft (4.2m)   | 9ft (2.7m)    | 5ft (1.5m)   | 3ft (0.9m)   |
| 180W / 7.5A  | 88ft (26.8m)    | 55ft (16.7m)   | 34ft (10.3m)   | 22ft (6.7m)    | 13ft (3.9m)   | 8ft (2.4m)    | 5ft (1.5m)   | 3ft (0.9m)   |
| 190W / 7.9A  | 83ft (25.3m)    | 52ft (15.8m)   | 33ft (10.0m)   | 20ft (6.0m)    | 13ft (3.9m)   | 8ft (2.4m)    | 5ft (1.5m)   | 3ft (0.9m)   |
| 200W / 8.3A  | 79ft (24.0m)    | 49ft (14.9m)   | 31ft (9.4m)    | 19ft (5.7m)    | 12ft (3.6m)   | 7ft (2.1m)    | 4ft (1.2m)   | 3ft (0.9m)   |
| 210W / 8.8A  | 75ft (22.8m)    | 47ft (14.3m)   | 29ft (8.8m)    | 18ft (5.4m)    | 11ft (3.3m)   | 7ft (2.1m)    | 4ft (1.2m)   | 2ft (0.6m)   |
| 220W / 9.2A  | 72ft (21.9m)    | 45ft (13.7m)   | 28ft (8.5m)    | 18ft (5.4m)    | 11ft (3.3m)   | 7ft (2.1m)    | 4ft (1.2m)   | 2ft (0.6m)   |
| 230W / 9.6A  | 69ft (21.0m)    | 43ft (13.1m)   | 27ft (8.2m)    | 17ft (5.1m)    | 10ft (3.0m)   | 6ft (1.8m)    | 4ft (1.2m)   | 2ft (0.6m)   |
| 240W / 10.0A | 66ft (20.1m)    | 41ft (12.5m)   | 26ft (7.9m)    | 16ft (4.8m)    | 10ft (3.0m)   | 6ft (1.8m)    | 4ft (1.2m)   | 2ft (0.6m)   |
| 250W / 10.4A | 63ft (19.2m)    | 40ft (12.1m)   | 25ft (7.6m)    | 15ft (4.5m)    | 9ft (2.7m)    | 6ft (1.8m)    | 3ft (0.9m)   | 2ft (0.6m)   |