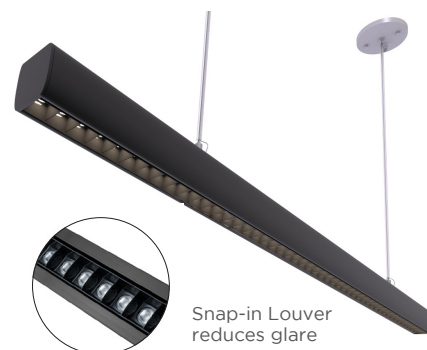


## SYNTHESIS® LED LINEAR

SYNTHESIS® LED LINEAR is a sleek suspended fixture with both direct and indirect capability. Use it for direct/indirect lighting, or direct lighting alone. The minimal design packs numerous output configurations, 9 beam angle options, and a selection of elegant finishes to complement any space. Up to 90" (2.3m) in length and connectable to make longer runs.

SYNTHESIS® is designed to create a variety of light output configurations. The direct light includes a highly engineered range of narrow beam angle lenses that direct light into specific areas with precision. The included louver minimizes glare by framing the individual LEDs, eliminating light at unwanted angles. Simplicity and custom configurations make SYNTHESIS® LED LINEAR the ideal fixture for any space.

- Available as direct light only or direct + indirect
- 3 Direct & 6 Indirect Beam Angles
- Total lumens: 2134 lm/ft (6999.5 lm/m)
- Available in 2 Profiles: Square & Rounded edges
- Available in Black, Silver, White & Gold
- Snap-in Louver reduces glare
- Aircraft cable combines power and suspension
- Due to the compact size of this fixture it is available with remote-driver only
- Assembled in USA



### Applications:

Commercial  
Entertainment  
Healthcare

Hospitality  
Museums  
Public Spaces

Residential  
Retail



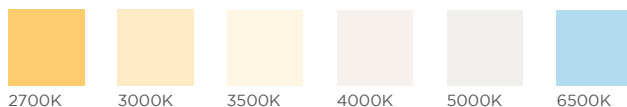
**IP20**

## ORDERING GUIDE

| Category               | Body Style  | Output                                              | Fixture Length                                       |
|------------------------|-------------|-----------------------------------------------------|------------------------------------------------------|
| <b>SYN</b>             |             |                                                     |                                                      |
| SYN - Synthesis Linear | 1 - Square  | LO - Low Output Direct Only                         | SO-LO - Standard Output Direct, Low Output Indirect  |
|                        |             | SO - Standard Output Direct Only                    | SO-SO - Standard Output Direct, Std Output Indirect  |
|                        | 2 - Rounded | HO - High Output Direct Only                        | SO-HO - Standard Output Direct, High Output Indirect |
|                        |             | LO-LO - Low Output Direct, Low Output Indirect      | HO-LO - High Output Direct, Low Output Indirect      |
|                        |             | LO-SO - Low Output Direct, Standard Output Indirect | HO-SO - High Output Direct, Standard Output Indirect |
|                        |             | LO-HO - Low Output Direct, High Output Indirect     | HO-HO - High Output Direct, High Output Indirect     |
|                        |             |                                                     | 7 - 7 ft - 78.94" (200.51 cm)                        |
|                        |             |                                                     | 8 - 8 ft - 90.19" (229.08 cm)                        |

| Color Temp Direct | Color Temp Indirect* | Beam Angle Direct    | Beam Angle Indirect*             | Body Finish          |                                                                                                                                                                                                                                                                         |
|-------------------|----------------------|----------------------|----------------------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 27 - 2700K        | 27 - 2700K           | 15 - 15° (down only) | 120 - 120° (up only)             | AL - Silver/Aluminum | <p>*To order <b>Direct Light Only</b>, please leave indirect options blank. Fixture is not available as indirect only.</p> <p>Maximum fixture length is 8 feet. Can be connected to make longer runs than 8 feet, but each 8 foot section will have its own driver.</p> |
| 30 - 3000K        | 30 - 3000K           | 26 - 26° (down only) | 75 - 75° (up only)               | K - Black            |                                                                                                                                                                                                                                                                         |
| 35 - 3500K        | 35 - 3500K           | 40 - 40° (down only) | 90 - 90x113° (up only)           | W - White            |                                                                                                                                                                                                                                                                         |
| 40 - 4000K        | 40 - 4000K           |                      | 92 - 92x33° (up only)            | G - Gold             |                                                                                                                                                                                                                                                                         |
| 50 - 5000K        | 50 - 5000K           |                      | 10 - 10° (up only)               | C - Custom           |                                                                                                                                                                                                                                                                         |
| 65 - 6500K        | 65 - 6500K           |                      | AS - Narrow Asymmetric (up only) |                      |                                                                                                                                                                                                                                                                         |

## AVAILABLE COLOR TEMPERATURES



## SPECIFICATIONS

| SPECIFICATIONS      | DIRECT LIGHT                                      |                           |                            |
|---------------------|---------------------------------------------------|---------------------------|----------------------------|
| Power Consumption   | LO: 5.19 W/ft (17 W/m)                            | SO: 7.01 W/ft (23 W/m)    | HO: 11.85 W/ft (38.87 W/m) |
| Lumen Output        | LO: 573 lm/ft (1879 lm/m)                         | SO: 768 lm/ft (2519 lm/m) | HO: 1179 lm/ft (3866 lm/m) |
| Efficiency          | LO: 110 lm/W                                      | SO: 109 lm/W              | HO: 99 lm/W                |
| Dimming             | 0-10V or DALI                                     |                           |                            |
| Beam Angle          | 15°, 26°, 40°                                     |                           |                            |
| Color Temperature   | 2700K, 3000K, 3500K, 4000K, 5000K, 6500K          |                           |                            |
| CRI                 | 90+                                               |                           |                            |
| UGR Rating          | UGR <13 (15° lens) <13 (26° lens) <9.5 (40° lens) |                           |                            |
| Storage Temperature | 4° F to 120° F (-20° C to 50° C)                  |                           |                            |
| Lamp Life           | 54,440 Hours                                      |                           |                            |

| SPECIFICATIONS      | INDIRECT LIGHT                                        |                           |                           |
|---------------------|-------------------------------------------------------|---------------------------|---------------------------|
| Power Consumption   | LO: 4.4 W/ft (14.43 W/m)                              | SO: 6.0 W/ft (19.68 W/m)  | HO: 10.3 W/ft (33.78 W/m) |
| Lumen Output        | LO: 416 lm/ft (1364 lm/m)                             | SO: 563 lm/ft (1846 lm/m) | HO: 955 lm/ft (3132 lm/m) |
| Efficiency          | LO: 94 lm/W                                           | SO: 94 lm/W               | HO: 93 lm/W               |
| Dimming             | 0-10V or DALI                                         |                           |                           |
| Beam Angle          | 120°, 75°, 90x113°, 92x33°, 10° and Narrow Asymmetric |                           |                           |
| Color Temperature   | 2700K, 3000K, 3500K, 4000K, 5000K, 6500K              |                           |                           |
| CRI                 | 80+                                                   |                           |                           |
| Storage Temperature | 4° F to 120° F (-20° C to 50° C)                      |                           |                           |
| Lamp Life           | 50,000 Hours                                          |                           |                           |

| SPECIFIED LENGTH | ACTUAL LENS LENGTH | END CAP LENGTH (2 PCS) | ACTUAL TOTAL LENGTH |
|------------------|--------------------|------------------------|---------------------|
| 2 feet           | 22.49" (571.2 mm)  | 0.24" (6.1 mm)         | 22.73" (577.3 mm)   |
| 3 feet           | 33.73" (856.8 mm)  | 0.24" (6.1 mm)         | 33.97" (862.8 mm)   |
| 4 feet           | 44.98" (1142.4 mm) | 0.24" (6.1 mm)         | 45.22" (1148.6 mm)  |
| 5 feet           | 56.22" (1428 mm)   | 0.24" (6.1 mm)         | 56.46" (1434.1 mm)  |
| 6 feet           | 67.46" (1713.6 mm) | 0.24" (6.1 mm)         | 67.70" (1719.6 mm)  |
| 7 feet           | 78.7" (1999.2 mm)  | 0.24" (6.1 mm)         | 78.94" (2005.1 mm)  |
| 8 feet           | 89.95" (2284.8 mm) | 0.24" (6.1 mm)         | 90.19" (2290.8 mm)  |

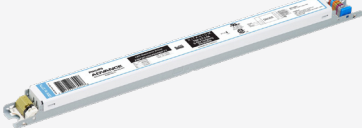
| LUMEN OUTPUT FOR EACH TEMPERATURE |              |  |                |
|-----------------------------------|--------------|--|----------------|
| Color Temperature                 | DIRECT LIGHT |  | INDIRECT LIGHT |
| 2700K                             | X            |  | x 0.83         |
| 3000K                             | x 1.10       |  | x 0.95         |
| 3500K                             | x 1.10       |  | X              |
| 4000K                             | x 1.14       |  | x 0.98         |
| 5000K                             | x 1.18       |  | x 0.99         |
| 6500K                             | x 1.14       |  | x 0.98         |

SPECIFICATIONS

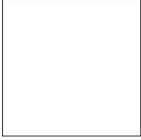
| SYNTHESIS® DRIVER MATRIX |  |             |  |  |            |  |  |            |  |  |
|--------------------------|--|-------------|--|--|------------|--|--|------------|--|--|
| Length                   |  | Direct Only |  |  |            |  |  |            |  |  |
|                          |  | LO          |  |  | SO         |  |  | HO         |  |  |
| 2 feet                   |  | 20W 270mA   |  |  | 20W 360mA  |  |  | 25W 614mA  |  |  |
| 3 feet                   |  | 20W 405mA   |  |  | 20W 540mA  |  |  | 36W 921mA  |  |  |
| 4 feet                   |  | 20W 540mA   |  |  | 36W 720mA  |  |  | 50W 1228mA |  |  |
| 5 feet                   |  | 25W 675mA   |  |  | 36W 900mA  |  |  | 75W 1535mA |  |  |
| 6 feet                   |  | 36W 810mA   |  |  | 50W 1080mA |  |  | 75W 1842mA |  |  |
| 7 feet                   |  | 36W 945mA   |  |  | 50W 1260mA |  |  | 95W 2149mA |  |  |
| 8 feet                   |  | 50W 1080mA  |  |  | 75W 1440mA |  |  | 95W 2456mA |  |  |

| Length |          | Direct + Indirect |            |            |            |            |            |            |            |            |
|--------|----------|-------------------|------------|------------|------------|------------|------------|------------|------------|------------|
|        |          | LO/LO             | LO/SO      | LO/HO      | SO/LO      | SO/SO      | SO/HO      | HO/LO      | HO/SO      | HO/HO      |
| 2 feet | Indirect | 20W 270mA         | 20W 360mA  | 25W 614mA  | 20W 270mA  | 20W 360mA  | 25W 614mA  | 20W 270mA  | 20W 360mA  | 25W 614mA  |
|        | Direct   | 20W 270mA         | 20W 270mA  | 20W 270mA  | 20W 360mA  | 20W 360mA  | 20W 360mA  | 25W 614mA  | 25W 614mA  | 25W 614mA  |
| 3 feet | Indirect | 20W 405mA         | 20W 540mA  | 36W 921mA  | 20W 405mA  | 20W 540mA  | 36W 921mA  | 20W 405mA  | 20W 540mA  | 36W 921mA  |
|        | Direct   | 20W 405mA         | 20W 405mA  | 20W 405mA  | 20W 540mA  | 20W 540mA  | 20W 540mA  | 36W 921mA  | 36W 921mA  | 36W 921mA  |
| 4 feet | Indirect | 20W 540mA         | 36W 720mA  | 50W 1228mA | 20W 540mA  | 36W 720mA  | 50W 1228mA | 20W 540mA  | 36W 720mA  | 50W 1228mA |
|        | Direct   | 20W 540mA         | 20W 540mA  | 20W 540mA  | 36W 720mA  | 36W 720mA  | 36W 720mA  | 50W 1228mA | 50W 1228mA | 50W 1228mA |
| 5 feet | Indirect | 25W 675mA         | 36W 900mA  | 75W 1535mA | 25W 675mA  | 36W 900mA  | 75W 1535mA | 25W 675mA  | 36W 900mA  | 75W 1535mA |
|        | Direct   | 25W 675mA         | 25W 675mA  | 25W 675mA  | 36W 900mA  | 36W 900mA  | 36W 900mA  | 75W 1535mA | 75W 1535mA | 75W 1535mA |
| 6 feet | Indirect | 36W 810mA         | 50W 1080mA | 75W 1842mA | 36W 810mA  | 50W 1080mA | 75W 1842mA | 36W 810mA  | 50W 1080mA | 75W 1842mA |
|        | Direct   | 36W 810mA         | 36W 810mA  | 36W 810mA  | 50W 1080mA | 50W 1080mA | 50W 1080mA | 75W 1842mA | 75W 1842mA | 75W 1842mA |
| 7 feet | Indirect | 36W 945mA         | 50W 1260mA | 95W 2149mA | 36W 945mA  | 50W 1260mA | 95W 2149mA | 36W 945mA  | 50W 1260mA | 95W 2149mA |
|        | Direct   | 36W 945mA         | 36W 945mA  | 36W 945mA  | 50W 1260mA | 50W 1260mA | 50W 1260mA | 95W 2149mA | 95W 2149mA | 95W 2149mA |
| 8 feet | Indirect | 50W 1080mA        | 75W 1440mA | 95W 2456mA | 50W 1080mA | 75W 1440mA | 95W 2456mA | 50W 1080mA | 75W 1440mA | 95W 2456mA |
|        | Direct   | 50W 1080mA        | 50W 1080mA | 50W 1080mA | 75W 1440mA | 75W 1440mA | 75W 1440mA | 95W 2456mA | 95W 2456mA | 95W 2456mA |

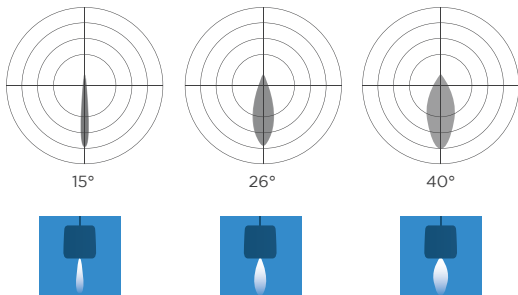
| DRIVER DIMENSIONS |                                                                                     |                                         |
|-------------------|-------------------------------------------------------------------------------------|-----------------------------------------|
| Driver            | Dimensions ( L x W x H )                                                            |                                         |
| 20 W              |  | 9.68" x 1.18" x 1" (245 x 30 x 25.4 mm) |
| 25 W              |  | 5" x 2.38" x 0.98" (127 x 60.4 x 25 mm) |
| 36 W              |  | 5" x 2.38" x 0.98" (127 x 60.4 x 25 mm) |
| 50 W              |  | 5" x 3.01" x 1.18" (127 x 76.4 x 30 mm) |
| 75 W              |  | 16.6" x 1.18" x 1" (424 x 30 x 25.4 mm) |

DIMENSIONS / DIAGRAMS / BEAM ANGLES

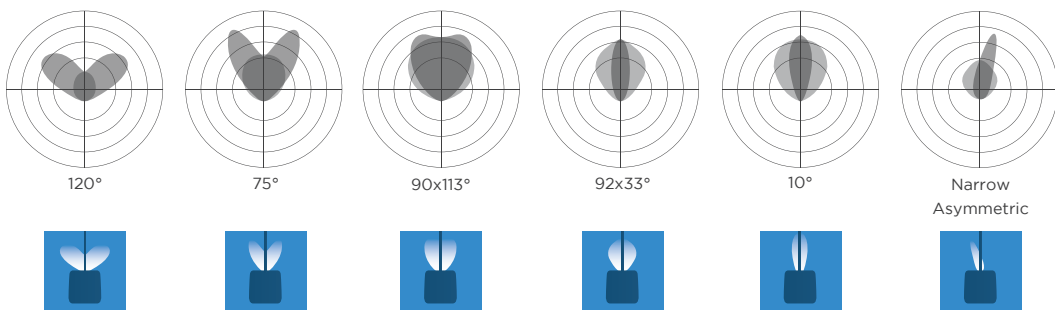
| SPECIFICATIONS                                                                                            | ROUNDED                                                                            | SQUARE                                                                               |
|-----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|                                                                                                           |   |   |
| Width                                                                                                     | 1.97 in (50 mm)                                                                    | 2.13 in (54 mm)                                                                      |
| Height                                                                                                    | 1.97 in (50 mm)                                                                    | 2.05 in (52 mm)                                                                      |
| Length<br>All measurements exclude end caps<br>End caps add .25 in (6.35 mm) to overall length of fixture | 2 ft (22.49" / 571.2 mm)                                                           | 2 ft (22.49" / 571.2 mm)                                                             |
|                                                                                                           | 3 ft (33.73" / 856.8 mm)                                                           | 3 ft (33.73" / 856.8 mm)                                                             |
|                                                                                                           | 4 ft (44.98" / 1142.4 mm)                                                          | 4 ft (44.98" / 1142.4 mm)                                                            |
|                                                                                                           | 5 ft (56.22" / 1428 mm)                                                            | 5 ft (56.22" / 1428 mm)                                                              |
|                                                                                                           | 6 ft (67.46" / 1713.6 mm)                                                          | 6 ft (67.46" / 1713.6 mm)                                                            |
|                                                                                                           | 7 ft (78.7" / 1999.2 mm)                                                           | 7 ft (78.7" / 1999.2 mm)                                                             |
|                                                                                                           | 8 ft (89.95" / 2284.8 mm)                                                          | 8 ft (89.95" / 2284.8 mm)                                                            |
|                                                                                                           |  |  |

BEAM ANGLES

DIRECT



INDIRECT



PHOTOMETRICS

DIRECT SIDE LUX

|     | LO | SO | HO |
|-----|----|----|----|
| 15° |    |    |    |
| 26° |    |    |    |
| 40° |    |    |    |

\*Nadir Lux Values

\*Tested with 3500K, 11.24" (285.6 mm) sample

PHOTOMETRICS

INDIRECT SIDE LUX

|             | LO                                                                                                                                                                                                                                                                                                                                                                                                                           |             | SO                 |             | HO               |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------------|-------------|------------------|---------|--|-------------|------------------|--------|--|-------------|--------------------|-------|--|-------------|--------------------|-------------|--|----------|----------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--|-------------|------------------|---------|--|-------------|------------------|--------|--|-------------|--------------------|--------|--|-------------|--------------------|-------------|--|----------|----------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--|-------------|------------------|---------|--|-------------|------------------|--------|--|-------------|--------------------|--------|--|-------------|--------------------|-------------|--|----------|----------|
| 120°        | <table><tr><td>89 lux</td><td></td><td>1m<br/>0.93m</td><td>3.28ft<br/>3.05ft</td></tr><tr><td>22 lux</td><td></td><td>2m<br/>1.87m</td><td>6.56ft<br/>6.14ft</td></tr><tr><td>6 lux</td><td></td><td>4m<br/>3.73m</td><td>13.12ft<br/>12.24ft</td></tr><tr><td>1 lux</td><td></td><td>8m<br/>7.46m</td><td>26.25ft<br/>24.48ft</td></tr><tr><td>Illuminance</td><td></td><td>Distance</td><td>diameter</td></tr></table>    | 89 lux      |                    | 1m<br>0.93m | 3.28ft<br>3.05ft | 22 lux  |  | 2m<br>1.87m | 6.56ft<br>6.14ft | 6 lux  |  | 4m<br>3.73m | 13.12ft<br>12.24ft | 1 lux |  | 8m<br>7.46m | 26.25ft<br>24.48ft | Illuminance |  | Distance | diameter |  | <table><tr><td>122 lux</td><td></td><td>1m<br/>0.93m</td><td>3.28ft<br/>3.05ft</td></tr><tr><td>30 lux</td><td></td><td>2m<br/>1.87m</td><td>6.56ft<br/>6.14ft</td></tr><tr><td>8 lux</td><td></td><td>4m<br/>3.73m</td><td>13.12ft<br/>12.24ft</td></tr><tr><td>2 lux</td><td></td><td>8m<br/>7.46m</td><td>26.25ft<br/>24.48ft</td></tr><tr><td>Illuminance</td><td></td><td>Distance</td><td>diameter</td></tr></table>    | 122 lux |  | 1m<br>0.93m | 3.28ft<br>3.05ft | 30 lux  |  | 2m<br>1.87m | 6.56ft<br>6.14ft | 8 lux  |  | 4m<br>3.73m | 13.12ft<br>12.24ft | 2 lux  |  | 8m<br>7.46m | 26.25ft<br>24.48ft | Illuminance |  | Distance | diameter |  | <table><tr><td>215 lux</td><td></td><td>1m<br/>0.93m</td><td>3.28ft<br/>3.05ft</td></tr><tr><td>54 lux</td><td></td><td>2m<br/>1.87m</td><td>6.56ft<br/>6.14ft</td></tr><tr><td>13 lux</td><td></td><td>4m<br/>3.73m</td><td>13.12ft<br/>12.24ft</td></tr><tr><td>3 lux</td><td></td><td>8m<br/>7.46m</td><td>26.25ft<br/>24.48ft</td></tr><tr><td>Illuminance</td><td></td><td>Distance</td><td>diameter</td></tr></table>   | 215 lux |  | 1m<br>0.93m | 3.28ft<br>3.05ft | 54 lux  |  | 2m<br>1.87m | 6.56ft<br>6.14ft | 13 lux |  | 4m<br>3.73m | 13.12ft<br>12.24ft | 3 lux  |  | 8m<br>7.46m | 26.25ft<br>24.48ft | Illuminance |  | Distance | diameter |
| 89 lux      |                                                                                                                                                                                                                                                                                                                                                                                                                              | 1m<br>0.93m | 3.28ft<br>3.05ft   |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 22 lux      |                                                                                                                                                                                                                                                                                                                                                                                                                              | 2m<br>1.87m | 6.56ft<br>6.14ft   |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 6 lux       |                                                                                                                                                                                                                                                                                                                                                                                                                              | 4m<br>3.73m | 13.12ft<br>12.24ft |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 1 lux       |                                                                                                                                                                                                                                                                                                                                                                                                                              | 8m<br>7.46m | 26.25ft<br>24.48ft |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| Illuminance |                                                                                                                                                                                                                                                                                                                                                                                                                              | Distance    | diameter           |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 122 lux     |                                                                                                                                                                                                                                                                                                                                                                                                                              | 1m<br>0.93m | 3.28ft<br>3.05ft   |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 30 lux      |                                                                                                                                                                                                                                                                                                                                                                                                                              | 2m<br>1.87m | 6.56ft<br>6.14ft   |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 8 lux       |                                                                                                                                                                                                                                                                                                                                                                                                                              | 4m<br>3.73m | 13.12ft<br>12.24ft |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 2 lux       |                                                                                                                                                                                                                                                                                                                                                                                                                              | 8m<br>7.46m | 26.25ft<br>24.48ft |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| Illuminance |                                                                                                                                                                                                                                                                                                                                                                                                                              | Distance    | diameter           |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 215 lux     |                                                                                                                                                                                                                                                                                                                                                                                                                              | 1m<br>0.93m | 3.28ft<br>3.05ft   |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 54 lux      |                                                                                                                                                                                                                                                                                                                                                                                                                              | 2m<br>1.87m | 6.56ft<br>6.14ft   |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 13 lux      |                                                                                                                                                                                                                                                                                                                                                                                                                              | 4m<br>3.73m | 13.12ft<br>12.24ft |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 3 lux       |                                                                                                                                                                                                                                                                                                                                                                                                                              | 8m<br>7.46m | 26.25ft<br>24.48ft |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| Illuminance |                                                                                                                                                                                                                                                                                                                                                                                                                              | Distance    | diameter           |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 75°         | <table><tr><td>106 lux</td><td></td><td>1m<br/>0.93m</td><td>3.28ft<br/>3.05ft</td></tr><tr><td>27 lux</td><td></td><td>2m<br/>1.87m</td><td>6.56ft<br/>6.14ft</td></tr><tr><td>7 lux</td><td></td><td>4m<br/>3.73m</td><td>13.12ft<br/>12.24ft</td></tr><tr><td>2 lux</td><td></td><td>8m<br/>7.46m</td><td>26.25ft<br/>24.48ft</td></tr><tr><td>Illuminance</td><td></td><td>Distance</td><td>diameter</td></tr></table>   | 106 lux     |                    | 1m<br>0.93m | 3.28ft<br>3.05ft | 27 lux  |  | 2m<br>1.87m | 6.56ft<br>6.14ft | 7 lux  |  | 4m<br>3.73m | 13.12ft<br>12.24ft | 2 lux |  | 8m<br>7.46m | 26.25ft<br>24.48ft | Illuminance |  | Distance | diameter |  | <table><tr><td>143 lux</td><td></td><td>1m<br/>0.93m</td><td>3.28ft<br/>3.05ft</td></tr><tr><td>36 lux</td><td></td><td>2m<br/>1.87m</td><td>6.56ft<br/>6.14ft</td></tr><tr><td>9 lux</td><td></td><td>4m<br/>3.73m</td><td>13.12ft<br/>12.24ft</td></tr><tr><td>2 lux</td><td></td><td>8m<br/>7.46m</td><td>26.25ft<br/>24.48ft</td></tr><tr><td>Illuminance</td><td></td><td>Distance</td><td>diameter</td></tr></table>    | 143 lux |  | 1m<br>0.93m | 3.28ft<br>3.05ft | 36 lux  |  | 2m<br>1.87m | 6.56ft<br>6.14ft | 9 lux  |  | 4m<br>3.73m | 13.12ft<br>12.24ft | 2 lux  |  | 8m<br>7.46m | 26.25ft<br>24.48ft | Illuminance |  | Distance | diameter |  | <table><tr><td>225 lux</td><td></td><td>1m<br/>0.93m</td><td>3.28ft<br/>3.05ft</td></tr><tr><td>56 lux</td><td></td><td>2m<br/>1.87m</td><td>6.56ft<br/>6.14ft</td></tr><tr><td>14 lux</td><td></td><td>4m<br/>3.73m</td><td>13.12ft<br/>12.24ft</td></tr><tr><td>4 lux</td><td></td><td>8m<br/>7.46m</td><td>26.25ft<br/>24.48ft</td></tr><tr><td>Illuminance</td><td></td><td>Distance</td><td>diameter</td></tr></table>   | 225 lux |  | 1m<br>0.93m | 3.28ft<br>3.05ft | 56 lux  |  | 2m<br>1.87m | 6.56ft<br>6.14ft | 14 lux |  | 4m<br>3.73m | 13.12ft<br>12.24ft | 4 lux  |  | 8m<br>7.46m | 26.25ft<br>24.48ft | Illuminance |  | Distance | diameter |
| 106 lux     |                                                                                                                                                                                                                                                                                                                                                                                                                              | 1m<br>0.93m | 3.28ft<br>3.05ft   |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 27 lux      |                                                                                                                                                                                                                                                                                                                                                                                                                              | 2m<br>1.87m | 6.56ft<br>6.14ft   |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 7 lux       |                                                                                                                                                                                                                                                                                                                                                                                                                              | 4m<br>3.73m | 13.12ft<br>12.24ft |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 2 lux       |                                                                                                                                                                                                                                                                                                                                                                                                                              | 8m<br>7.46m | 26.25ft<br>24.48ft |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| Illuminance |                                                                                                                                                                                                                                                                                                                                                                                                                              | Distance    | diameter           |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 143 lux     |                                                                                                                                                                                                                                                                                                                                                                                                                              | 1m<br>0.93m | 3.28ft<br>3.05ft   |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 36 lux      |                                                                                                                                                                                                                                                                                                                                                                                                                              | 2m<br>1.87m | 6.56ft<br>6.14ft   |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 9 lux       |                                                                                                                                                                                                                                                                                                                                                                                                                              | 4m<br>3.73m | 13.12ft<br>12.24ft |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 2 lux       |                                                                                                                                                                                                                                                                                                                                                                                                                              | 8m<br>7.46m | 26.25ft<br>24.48ft |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| Illuminance |                                                                                                                                                                                                                                                                                                                                                                                                                              | Distance    | diameter           |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 225 lux     |                                                                                                                                                                                                                                                                                                                                                                                                                              | 1m<br>0.93m | 3.28ft<br>3.05ft   |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 56 lux      |                                                                                                                                                                                                                                                                                                                                                                                                                              | 2m<br>1.87m | 6.56ft<br>6.14ft   |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 14 lux      |                                                                                                                                                                                                                                                                                                                                                                                                                              | 4m<br>3.73m | 13.12ft<br>12.24ft |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 4 lux       |                                                                                                                                                                                                                                                                                                                                                                                                                              | 8m<br>7.46m | 26.25ft<br>24.48ft |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| Illuminance |                                                                                                                                                                                                                                                                                                                                                                                                                              | Distance    | diameter           |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 90x113°     | <table><tr><td>205 lux</td><td></td><td>1m<br/>0.93m</td><td>3.28ft<br/>3.05ft</td></tr><tr><td>51 lux</td><td></td><td>2m<br/>1.87m</td><td>6.56ft<br/>6.14ft</td></tr><tr><td>13 lux</td><td></td><td>4m<br/>3.73m</td><td>13.12ft<br/>12.24ft</td></tr><tr><td>3 lux</td><td></td><td>8m<br/>7.46m</td><td>26.25ft<br/>24.48ft</td></tr><tr><td>Illuminance</td><td></td><td>Distance</td><td>diameter</td></tr></table>  | 205 lux     |                    | 1m<br>0.93m | 3.28ft<br>3.05ft | 51 lux  |  | 2m<br>1.87m | 6.56ft<br>6.14ft | 13 lux |  | 4m<br>3.73m | 13.12ft<br>12.24ft | 3 lux |  | 8m<br>7.46m | 26.25ft<br>24.48ft | Illuminance |  | Distance | diameter |  | <table><tr><td>275 lux</td><td></td><td>1m<br/>0.93m</td><td>3.28ft<br/>3.05ft</td></tr><tr><td>69 lux</td><td></td><td>2m<br/>1.87m</td><td>6.56ft<br/>6.14ft</td></tr><tr><td>17 lux</td><td></td><td>4m<br/>3.73m</td><td>13.12ft<br/>12.24ft</td></tr><tr><td>4 lux</td><td></td><td>8m<br/>7.46m</td><td>26.25ft<br/>24.48ft</td></tr><tr><td>Illuminance</td><td></td><td>Distance</td><td>diameter</td></tr></table>   | 275 lux |  | 1m<br>0.93m | 3.28ft<br>3.05ft | 69 lux  |  | 2m<br>1.87m | 6.56ft<br>6.14ft | 17 lux |  | 4m<br>3.73m | 13.12ft<br>12.24ft | 4 lux  |  | 8m<br>7.46m | 26.25ft<br>24.48ft | Illuminance |  | Distance | diameter |  | <table><tr><td>460 lux</td><td></td><td>1m<br/>0.93m</td><td>3.28ft<br/>3.05ft</td></tr><tr><td>115 lux</td><td></td><td>2m<br/>1.87m</td><td>6.56ft<br/>6.14ft</td></tr><tr><td>29 lux</td><td></td><td>4m<br/>3.73m</td><td>13.12ft<br/>12.24ft</td></tr><tr><td>7 lux</td><td></td><td>8m<br/>7.46m</td><td>26.25ft<br/>24.48ft</td></tr><tr><td>Illuminance</td><td></td><td>Distance</td><td>diameter</td></tr></table>  | 460 lux |  | 1m<br>0.93m | 3.28ft<br>3.05ft | 115 lux |  | 2m<br>1.87m | 6.56ft<br>6.14ft | 29 lux |  | 4m<br>3.73m | 13.12ft<br>12.24ft | 7 lux  |  | 8m<br>7.46m | 26.25ft<br>24.48ft | Illuminance |  | Distance | diameter |
| 205 lux     |                                                                                                                                                                                                                                                                                                                                                                                                                              | 1m<br>0.93m | 3.28ft<br>3.05ft   |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 51 lux      |                                                                                                                                                                                                                                                                                                                                                                                                                              | 2m<br>1.87m | 6.56ft<br>6.14ft   |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 13 lux      |                                                                                                                                                                                                                                                                                                                                                                                                                              | 4m<br>3.73m | 13.12ft<br>12.24ft |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 3 lux       |                                                                                                                                                                                                                                                                                                                                                                                                                              | 8m<br>7.46m | 26.25ft<br>24.48ft |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| Illuminance |                                                                                                                                                                                                                                                                                                                                                                                                                              | Distance    | diameter           |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 275 lux     |                                                                                                                                                                                                                                                                                                                                                                                                                              | 1m<br>0.93m | 3.28ft<br>3.05ft   |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 69 lux      |                                                                                                                                                                                                                                                                                                                                                                                                                              | 2m<br>1.87m | 6.56ft<br>6.14ft   |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 17 lux      |                                                                                                                                                                                                                                                                                                                                                                                                                              | 4m<br>3.73m | 13.12ft<br>12.24ft |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 4 lux       |                                                                                                                                                                                                                                                                                                                                                                                                                              | 8m<br>7.46m | 26.25ft<br>24.48ft |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| Illuminance |                                                                                                                                                                                                                                                                                                                                                                                                                              | Distance    | diameter           |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 460 lux     |                                                                                                                                                                                                                                                                                                                                                                                                                              | 1m<br>0.93m | 3.28ft<br>3.05ft   |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 115 lux     |                                                                                                                                                                                                                                                                                                                                                                                                                              | 2m<br>1.87m | 6.56ft<br>6.14ft   |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 29 lux      |                                                                                                                                                                                                                                                                                                                                                                                                                              | 4m<br>3.73m | 13.12ft<br>12.24ft |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 7 lux       |                                                                                                                                                                                                                                                                                                                                                                                                                              | 8m<br>7.46m | 26.25ft<br>24.48ft |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| Illuminance |                                                                                                                                                                                                                                                                                                                                                                                                                              | Distance    | diameter           |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 92x133°     | <table><tr><td>430 lux</td><td></td><td>1m<br/>0.93m</td><td>3.28ft<br/>3.05ft</td></tr><tr><td>108 lux</td><td></td><td>2m<br/>1.87m</td><td>6.56ft<br/>6.14ft</td></tr><tr><td>27 lux</td><td></td><td>4m<br/>3.73m</td><td>13.12ft<br/>12.24ft</td></tr><tr><td>7 lux</td><td></td><td>8m<br/>7.46m</td><td>26.25ft<br/>24.48ft</td></tr><tr><td>Illuminance</td><td></td><td>Distance</td><td>diameter</td></tr></table> | 430 lux     |                    | 1m<br>0.93m | 3.28ft<br>3.05ft | 108 lux |  | 2m<br>1.87m | 6.56ft<br>6.14ft | 27 lux |  | 4m<br>3.73m | 13.12ft<br>12.24ft | 7 lux |  | 8m<br>7.46m | 26.25ft<br>24.48ft | Illuminance |  | Distance | diameter |  | <table><tr><td>618 lux</td><td></td><td>1m<br/>0.93m</td><td>3.28ft<br/>3.05ft</td></tr><tr><td>155 lux</td><td></td><td>2m<br/>1.87m</td><td>6.56ft<br/>6.14ft</td></tr><tr><td>39 lux</td><td></td><td>4m<br/>3.73m</td><td>13.12ft<br/>12.24ft</td></tr><tr><td>10 lux</td><td></td><td>8m<br/>7.46m</td><td>26.25ft<br/>24.48ft</td></tr><tr><td>Illuminance</td><td></td><td>Distance</td><td>diameter</td></tr></table> | 618 lux |  | 1m<br>0.93m | 3.28ft<br>3.05ft | 155 lux |  | 2m<br>1.87m | 6.56ft<br>6.14ft | 39 lux |  | 4m<br>3.73m | 13.12ft<br>12.24ft | 10 lux |  | 8m<br>7.46m | 26.25ft<br>24.48ft | Illuminance |  | Distance | diameter |  | <table><tr><td>952 lux</td><td></td><td>1m<br/>0.93m</td><td>3.28ft<br/>3.05ft</td></tr><tr><td>238 lux</td><td></td><td>2m<br/>1.87m</td><td>6.56ft<br/>6.14ft</td></tr><tr><td>60 lux</td><td></td><td>4m<br/>3.73m</td><td>13.12ft<br/>12.24ft</td></tr><tr><td>15 lux</td><td></td><td>8m<br/>7.46m</td><td>26.25ft<br/>24.48ft</td></tr><tr><td>Illuminance</td><td></td><td>Distance</td><td>diameter</td></tr></table> | 952 lux |  | 1m<br>0.93m | 3.28ft<br>3.05ft | 238 lux |  | 2m<br>1.87m | 6.56ft<br>6.14ft | 60 lux |  | 4m<br>3.73m | 13.12ft<br>12.24ft | 15 lux |  | 8m<br>7.46m | 26.25ft<br>24.48ft | Illuminance |  | Distance | diameter |
| 430 lux     |                                                                                                                                                                                                                                                                                                                                                                                                                              | 1m<br>0.93m | 3.28ft<br>3.05ft   |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 108 lux     |                                                                                                                                                                                                                                                                                                                                                                                                                              | 2m<br>1.87m | 6.56ft<br>6.14ft   |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 27 lux      |                                                                                                                                                                                                                                                                                                                                                                                                                              | 4m<br>3.73m | 13.12ft<br>12.24ft |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 7 lux       |                                                                                                                                                                                                                                                                                                                                                                                                                              | 8m<br>7.46m | 26.25ft<br>24.48ft |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| Illuminance |                                                                                                                                                                                                                                                                                                                                                                                                                              | Distance    | diameter           |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 618 lux     |                                                                                                                                                                                                                                                                                                                                                                                                                              | 1m<br>0.93m | 3.28ft<br>3.05ft   |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 155 lux     |                                                                                                                                                                                                                                                                                                                                                                                                                              | 2m<br>1.87m | 6.56ft<br>6.14ft   |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 39 lux      |                                                                                                                                                                                                                                                                                                                                                                                                                              | 4m<br>3.73m | 13.12ft<br>12.24ft |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 10 lux      |                                                                                                                                                                                                                                                                                                                                                                                                                              | 8m<br>7.46m | 26.25ft<br>24.48ft |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| Illuminance |                                                                                                                                                                                                                                                                                                                                                                                                                              | Distance    | diameter           |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 952 lux     |                                                                                                                                                                                                                                                                                                                                                                                                                              | 1m<br>0.93m | 3.28ft<br>3.05ft   |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 238 lux     |                                                                                                                                                                                                                                                                                                                                                                                                                              | 2m<br>1.87m | 6.56ft<br>6.14ft   |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 60 lux      |                                                                                                                                                                                                                                                                                                                                                                                                                              | 4m<br>3.73m | 13.12ft<br>12.24ft |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| 15 lux      |                                                                                                                                                                                                                                                                                                                                                                                                                              | 8m<br>7.46m | 26.25ft<br>24.48ft |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |
| Illuminance |                                                                                                                                                                                                                                                                                                                                                                                                                              | Distance    | diameter           |             |                  |         |  |             |                  |        |  |             |                    |       |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |  |                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |             |                  |         |  |             |                  |        |  |             |                    |        |  |             |                    |             |  |          |          |

\*Nadir Lux Values

\*Tested with 3500K, 11.24" (285.6 mm) sample

PHOTOMETRICS / COUPLERS

INDIRECT SIDE LUX CONTINUED

|     | LO                                                                                                                                                                                                                                                                                                                                                                                      | SO                                                                                                                                                                                                                                                                                                                                                                                       | HO                                                                                                                                                                                                                                                                                                                                                                                       |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10° | <div><div><div>480 lux</div><div>120 lux</div><div>30 lux</div><div>8 lux</div><div>Illuminance</div></div><div><div>1m<br/>0.93m</div><div>2m<br/>1.87m</div><div>4m<br/>3.73m</div><div>8m<br/>7.46m</div><div>Distance<br/>diameter</div></div><div><div>3.28ft<br/>3.05ft</div><div>6.56ft<br/>6.14ft</div><div>13.12ft<br/>12.24ft</div><div>26.25ft<br/>24.48ft</div></div></div> | <div><div><div>647 lux</div><div>162 lux</div><div>40 lux</div><div>10 lux</div><div>Illuminance</div></div><div><div>1m<br/>0.93m</div><div>2m<br/>1.87m</div><div>4m<br/>3.73m</div><div>8m<br/>7.46m</div><div>Distance<br/>diameter</div></div><div><div>3.28ft<br/>3.05ft</div><div>6.56ft<br/>6.14ft</div><div>13.12ft<br/>12.24ft</div><div>26.25ft<br/>24.48ft</div></div></div> | <div><div><div>986 lux</div><div>247 lux</div><div>62 lux</div><div>15 lux</div><div>Illuminance</div></div><div><div>1m<br/>0.93m</div><div>2m<br/>1.87m</div><div>4m<br/>3.73m</div><div>8m<br/>7.46m</div><div>Distance<br/>diameter</div></div><div><div>3.28ft<br/>3.05ft</div><div>6.56ft<br/>6.14ft</div><div>13.12ft<br/>12.24ft</div><div>26.25ft<br/>24.48ft</div></div></div> |
|     | Narrow Asymmetric                                                                                                                                                                                                                                                                                                                                                                       | <div><div><div>251 lux</div><div>63 lux</div><div>16 lux</div><div>4 lux</div><div>Illuminance</div></div><div><div>1m<br/>0.93m</div><div>2m<br/>1.87m</div><div>4m<br/>3.73m</div><div>8m<br/>7.46m</div><div>Distance<br/>diameter</div></div><div><div>3.28ft<br/>3.05ft</div><div>6.56ft<br/>6.14ft</div><div>13.12ft<br/>12.24ft</div><div>26.25ft<br/>24.48ft</div></div></div>   | <div><div><div>618 lux</div><div>155 lux</div><div>39 lux</div><div>10 lux</div><div>Illuminance</div></div><div><div>1m<br/>0.93m</div><div>2m<br/>1.87m</div><div>4m<br/>3.73m</div><div>8m<br/>7.46m</div><div>Distance<br/>diameter</div></div><div><div>3.28ft<br/>3.05ft</div><div>6.56ft<br/>6.14ft</div><div>13.12ft<br/>12.24ft</div><div>26.25ft<br/>24.48ft</div></div></div> |

\*Nadir Lux Values

\*Tested with 3500K, 11.24" (285.6 mm) sample

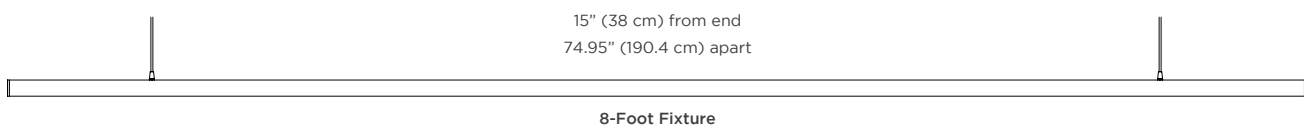
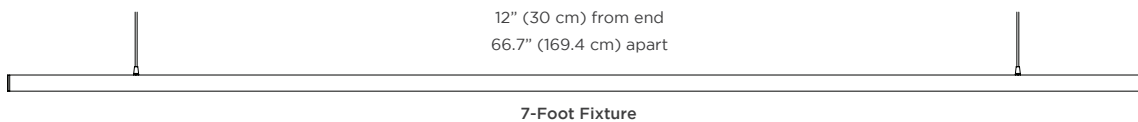
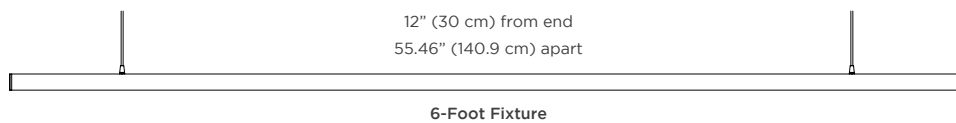
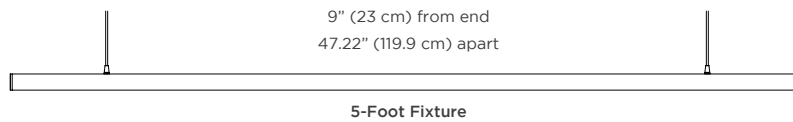
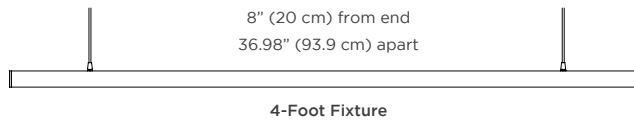
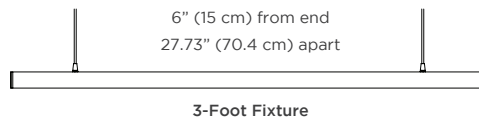
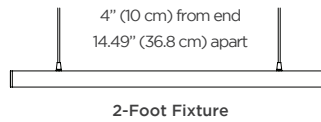
COUPLERS

\*For connecting fixtures to create seamless runs greater than 8 feet. Each individual fixture requires it's own power supply.

|        |  |                                                                     |
|--------|--|---------------------------------------------------------------------|
| ROUND  |  | <b>Synthesis Round Coupler</b><br>Acolyte Part Number:<br>SYNCOUPR  |
| SQUARE |  | <b>Synthesis Square Coupler</b><br>Acolyte Part Number:<br>SYNCOUPS |

## SPECIFICATIONS

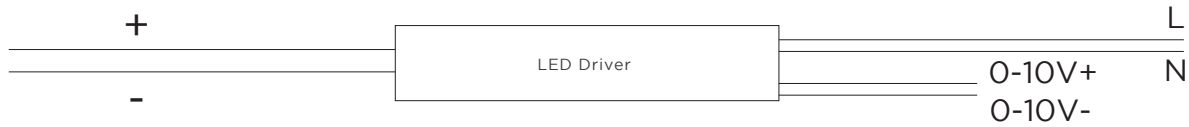
### Suggested Suspension Wire Separated Distances





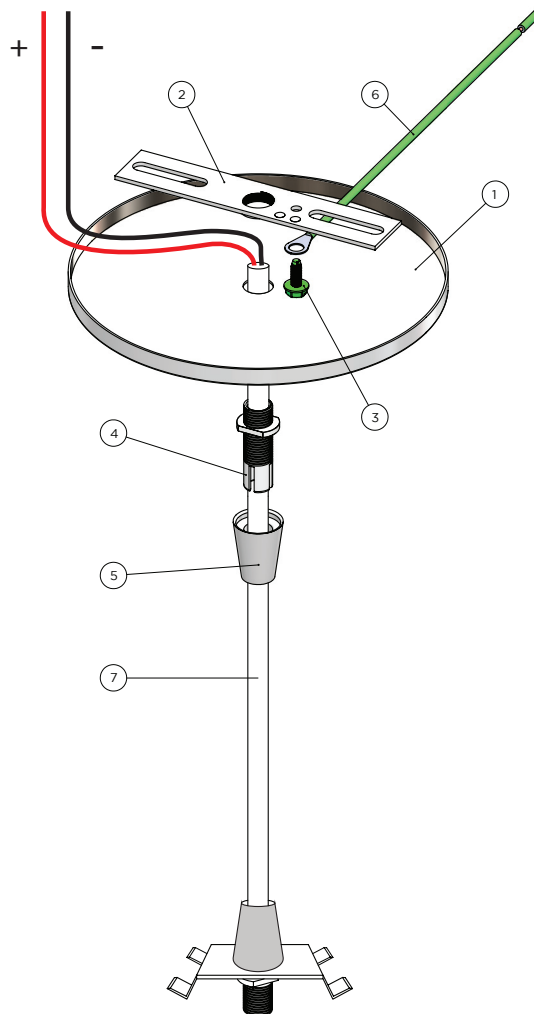
## SYNTHESIS® LED LINEAR PENDANT INSTALLATION

**STEP 1:** Connect + and - wires from driver to the red (+) and black (-)



**STEP 2:** Mount canopy kit to junction box by affixing Cross Bar (2) to junction box, and then screwing Cord Grip Base and CG Cap until it's tight against canopy

1. 5" Canopy
2. 1/8" IP Cross Bar 3.871"L x 0.742"W Zinc Plated x 16 Gauge
3. 8/32 Green Ground Screw
4. 1/8" IP Male (Pair with CG Cap for MINI Cord Grip)
5. Cord Grip Cap 1/8" IP Female with CG Base for 0.190"-0.260" Dia. Round Cord. Intertek Certified to UL#635 Standard.
6. 6" L Green
7. 0.24" OD Cable



**STEP 3:** Completed fixture pictured below

