

Εύκαμπτη ταινία led / Flexible led strip

JAZ

Κωδικός / Art. No. : 132173

24Vdc

11.5 Watt/m

RGBW

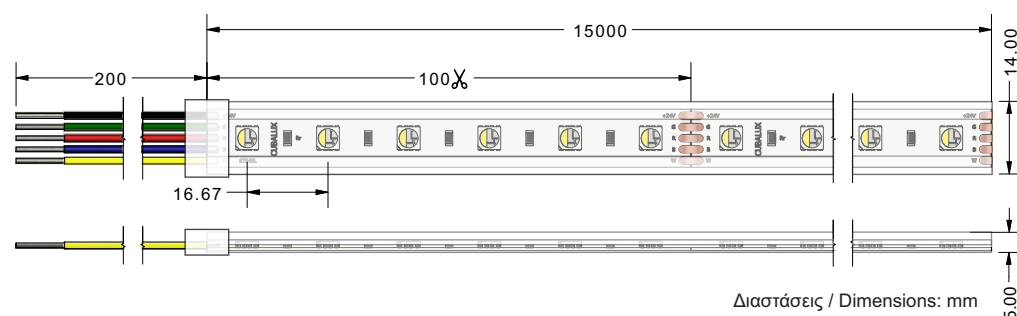
60led/m

IP67

5 ΧΡΟΝΙΑ ΕΓΓΥΗΣΗ  
YEARS WARRANTY**Τεχνικά χαρακτηριστικά / Technical data**

|                                                                    |                                        |
|--------------------------------------------------------------------|----------------------------------------|
| Κατανάλωση ενέργειας / Power consumption                           | 11.5 kWh/1000h/m                       |
| Ονομαστική Ισχύς / Rated wattage                                   | 11.5 W/m                               |
| Τάση λειτουργίας / Operating Voltage                               | 24Vdc                                  |
| Ρεύμα λειτουργίας / Typical operating Current                      | 0.48 A/m                               |
| Κατηγορία προστασίας / Protection class                            | III                                    |
| Ρύθμιση έντασης φωτισμού / Dimming                                 | PWM (Dali / DMX512 / RF / Push Button) |
| Φωτεινή απόδοση / Luminous Efficacy                                | R30, G68, B15, W84 (lumen/watt)        |
| Φωτεινή ροή / Typical Luminus Flux                                 | R87, G196, B43, W242 (lumen/m)         |
| Γωνία φωτισμού / Led beam angle                                    | 120°                                   |
| Χρώμα / Color                                                      | RGBW                                   |
| Μήκος κύματος / Wavelength                                         | R623±5, G520±, B465±5 (nm)             |
| Θερμοκρασία χρώματος / Typical CCT                                 | 3000K                                  |
| Βαθμός χρωματικής απόδοσης / Typical CRI                           | >80                                    |
| Ανοχή Χρώματος /Color Tolerance                                    | 5 SDCM                                 |
| Διάρκεια ζωής στους 25 °C / Rated life time at 25 °C               | 50.000 ώρες/hours                      |
| Βαθμός στεγανότητας / Ingress protection                           | IP67                                   |
| Λειτουργία σε θερμοκρασία περιβάλλοντος / Ambient working Temp. ta | -20...+50°C                            |
| Διαστάσεις (ΜxΠxΥ) / Dimension (LxWxH)                             | 15000 x 14 x 5(mm)                     |
| Μέγιστο μήκος λειτουργίας / Max. operating Length                  | 15 μέτρα / 15 meters                   |
| Αριθμός Led / Led units                                            | 60 led/μέτρο / 60 led/meter            |
| Απόσταση μεταξύ led / Distance between led                         | 16.67 mm                               |
| Σημείο κοπής / Cutting point                                       | Ανά 6 led (100mm) / Per 6 led (100mm)  |
| Συσκευασία / Packing                                               | 15 μέτρα / 15 meters                   |
| EAN                                                                | 5206704009942                          |
| Εγγύηση / Warranty                                                 | 5 χρόνια / 5 years                     |

(Όλες οι τιμές μπορεί να έχουν μία απόκλιση +/-5% - All values can have a tolerance of +/- 5%)

**Σχέδιο - Διαστάσεις / Drawing - Dimensions**

Κατάλληλη για εσωτερικούς - εξωτερικούς χώρους με υψηλή υγρασία.  
Κατάλληλη για εσωτερικούς - εξωτερικούς χώρους με υψηλή συγκέντρωση αιωρούμενων σωματιδίων.  
Δυνατότητα παραμονής σε νερό για μικρό χρονικό διάστημα.  
Suitable for indoor - outdoor areas with high humidity.  
Suitable for indoor - outdoor areas with high concentration of suspended particles.  
Can stay in water for a short time.

## Light efficiency:

30 Lumen/Watt

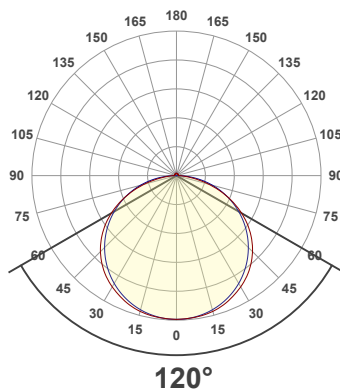
## Light quality:

CRI: 0.0

## Color temperature:

0 K

Output: 86.7 Lumen Power consumption: 2.9



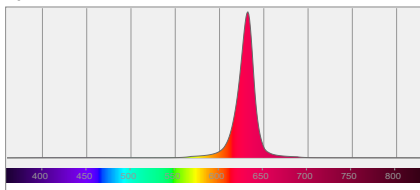
## Product name:

JAZZ 11.5Watt 60led 24V IP67  
RGBW\_RED

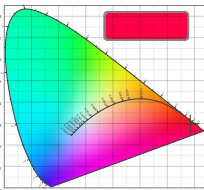
## Item number:

132173

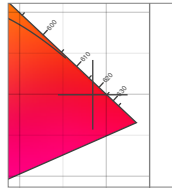
## Spectral distribution



## Color coordinates



## White color point

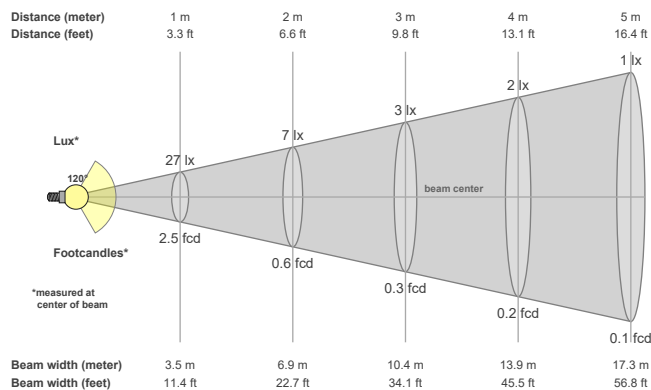


## CRI R values

|    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |
|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|
| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |

| Color temperature | Color rendering index | Red component | Color fidelity | Color gamut | Color quality scale | Color coordinate cie 1931 | Color coordinate cie 1931 | Color coordinate | Color coordinate | Color deviation from black body |
|-------------------|-----------------------|---------------|----------------|-------------|---------------------|---------------------------|---------------------------|------------------|------------------|---------------------------------|
| CCT               | CRI                   | CRI R9        | TM30 Rf        | TM30 Rg     | CQS                 | x                         | y                         | u                | v                | Δuv                             |
| 0 K               | 0.0                   | 0.0           | 0.0            | 0.0         | 0.0                 | 0.684                     | 0.299                     | 0.524            | 0.344            | n/a                             |

## Beam details



## Beam angels

| Beam angle 50% | Field angle 10% | Cutoff angle 2,5% |
|----------------|-----------------|-------------------|
| 120°           | 166.7°          | 178.4°            |

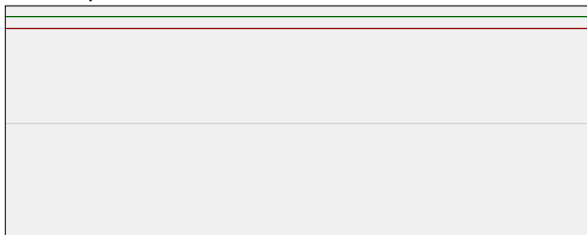
## Beam intensities

| Peak intensity | Int. ratio in 120° cone | Int. ratio in 90° cone |
|----------------|-------------------------|------------------------|
| 26.7 cd        | 74.1%                   | 49.2%                  |

## Beam intensities from 1-20m

| 1m     | 2m     | 3m     | 4m     | 5m     | 6m     | 7m     | 8m     | 9m     | 10m    | 11m    | 12m    | 13m    | 14m    | 15m    | 16m    | 17m    | 18m    | 19m    | 20m    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3.3ft  | 6.6ft  | 9.8ft  | 13.1ft | 16.4ft | 19.7ft | 23ft   | 26.2ft | 29.5ft | 32.8ft | 36.1ft | 39.4ft | 42.7ft | 45.9ft | 49.2ft | 52.5ft | 55.8ft | 59.1ft | 62.3ft | 65.6ft |
| 27lx   | 7lx    | 3lx    | 2lx    | 1lx    | 1lx    | 1lx    | 0lx    | 0lx    | 0lx    | 0lx    | 0lx    | 0lx    | 0lx    | 0lx    | 0lx    | 0lx    | 0lx    | 0lx    | 0lx    |
| 2.5fcd | 0.6fcd | 0.3fcd | 0.2fcd | 0.1fcd | 0.1fcd | 0.1fcd | 0fcd   | 0fcd   | 0fcd   | 0fcd   | 0fcd   | 0fcd   | 0fcd   | 0fcd   | 0fcd   | 0fcd   | 0fcd   | 0fcd   | 0fcd   |

## Power scope



| Power | Power factor |  |
|-------|--------------|--|
| 2.9 W | 1.0          |  |

| Voltage | Current |  |
|---------|---------|--|
| 24.0 V  | 0.120 A |  |

**Light efficiency:**

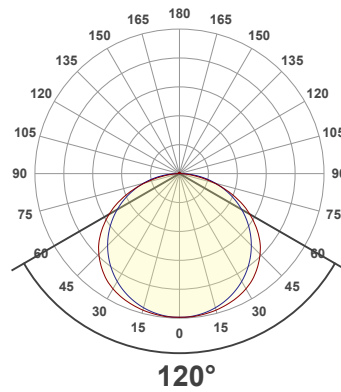
**68 Lumen/Watt**

**Light quality:**

**CRI: 0.0**

**Color temperature:**

0 K



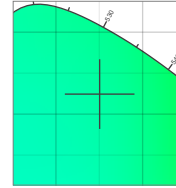
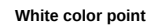
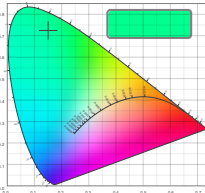
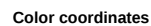
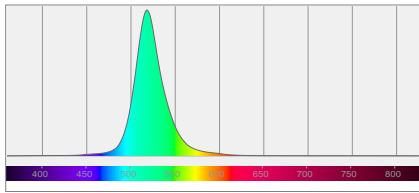
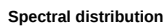
**Product name:**

**JAZZ 11.5Watt 60led 24V IP67  
RGBW\_GREEN**

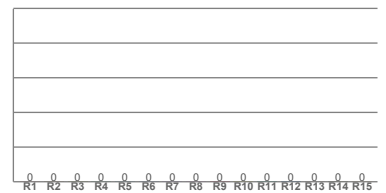
**Item number:**

**132173**

**Output: 196 Lumen    Power consumption: 2.9**

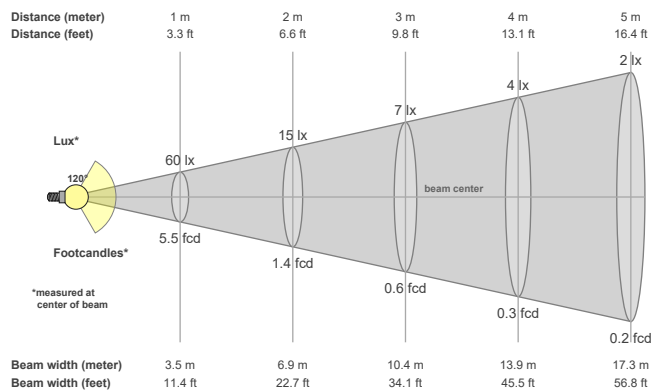


### CRI R values



| Color temperature | Color rendering index | Red component | Color fidelity | Color gamut | Color quality scale | Color coordinate cie 1931 | Color coordinate cie 1931 | Color coordinate | Color coordinate | Color diviation from black body |
|-------------------|-----------------------|---------------|----------------|-------------|---------------------|---------------------------|---------------------------|------------------|------------------|---------------------------------|
| CCT               | CRI                   | CRI R9        | TM30 Rf        | TM30 Rg     | CQS                 | x                         | y                         | u                | v                | Δuv                             |
| 0 K               | 0.0                   | 0.0           | 0.0            | 0.0         | 0.0                 | 0.150                     | 0.724                     | 0.053            | 0.382            | n/a                             |

### Beam details



### Beam angels

| Beam angle     |                 |                   |
|----------------|-----------------|-------------------|
| Beam angle 50% | Field angle 10% | Cutoff angle 2,5% |
| 120°           | 166.6°          | 176.2°            |

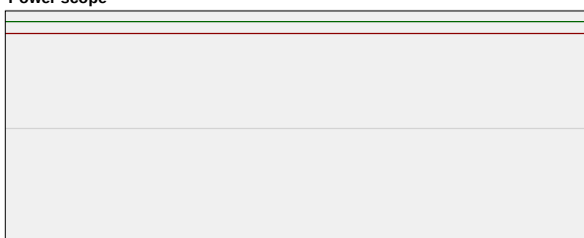
### Beam intensities

| Peak intensity | Int. ratio in 120° cone | Int. ratio in 90° cone |
|----------------|-------------------------|------------------------|
| 59.6 cd        | 74.9%                   | 49.4%                  |

### Beam intensities from 1-20m

[illegible]

### Power scope



|       |              |  |
|-------|--------------|--|
| Power | Power factor |  |
| 2.9 W | 1.0          |  |

|                |                |  |
|----------------|----------------|--|
| <b>Voltage</b> | <b>Current</b> |  |
| <b>24.0 V</b>  | <b>0.120 A</b> |  |

## Light efficiency:

**15 Lumen/Watt**

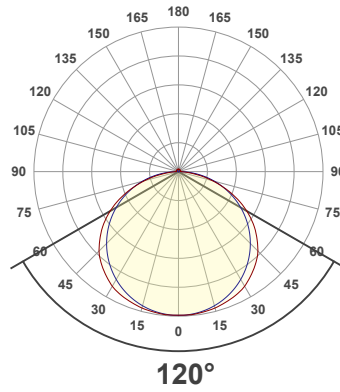
## Light quality:

**CRI: 0.0**

## Color temperature:

**0 K**

**Output: 43.1 Lumen Power consumption: 2.9**



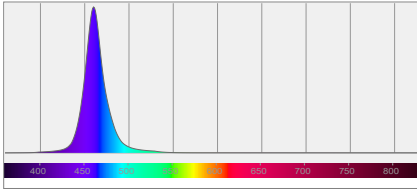
## Product name:

**JAZZ 11.5Watt 60led 24V IP67  
RGBW\_BLUE**

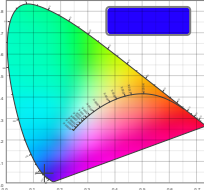
## Item number:

**132173**

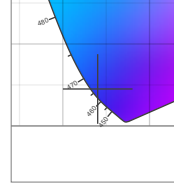
## Spectral distribution



## Color coordinates



## White color point

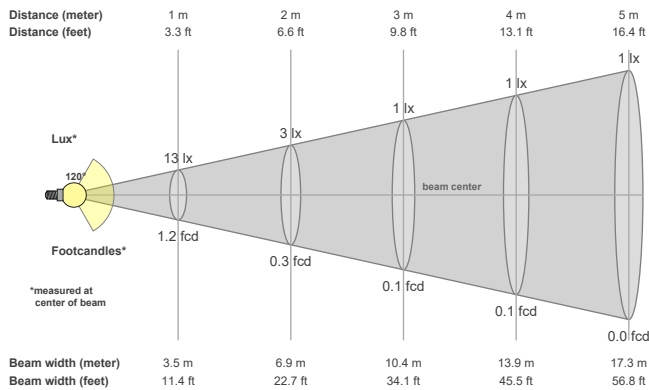


## CRI R values

|    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |
|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|
| R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 | R11 | R12 | R13 | R14 | R15 |
|    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |

| Color temperature | Color rendering index | Red component | Color fidelity | Color gamut | Color quality scale | Color coordinate cie 1931 | Color coordinate cie 1931 | Color coordinate | Color coordinate | Color deviation from black body |
|-------------------|-----------------------|---------------|----------------|-------------|---------------------|---------------------------|---------------------------|------------------|------------------|---------------------------------|
| CCT               | CRI                   | CRI R9        | TM30 Rf        | TM30 Rg     | CQS                 | x                         | y                         | u                | v                | Δuv                             |
| 0 K               | 0.0                   | 0.0           | 0.0            | 0.0         | 0.0                 | 0.140                     | 0.045                     | 0.172            | 0.083            | n/a                             |

## Beam details



## Beam angels

| Beam angle 50% | Field angle 10% | Cutoff angle 2,5% |
|----------------|-----------------|-------------------|
| 120°           | 166.8°          | 177.7°            |

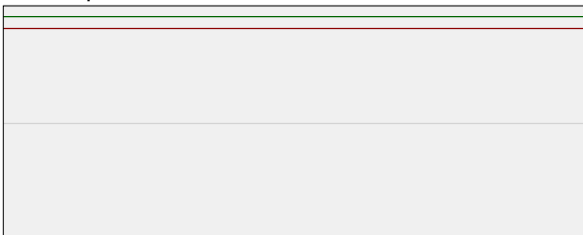
## Beam intensities

| Peak intensity | Int. ratio in 120° cone | Int. ratio in 90° cone |
|----------------|-------------------------|------------------------|
| 13.0 cd        | 74.0%                   | 48.9%                  |

## Beam intensities from 1-20m

| 1m     | 2m     | 3m     | 4m     | 5m     | 6m     | 7m   | 8m     | 9m     | 10m    | 11m    | 12m    | 13m    | 14m    | 15m    | 16m    | 17m    | 18m    | 19m    | 20m    |
|--------|--------|--------|--------|--------|--------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3.3ft  | 6.6ft  | 9.8ft  | 13.1ft | 16.4ft | 19.7ft | 23ft | 26.2ft | 29.5ft | 32.8ft | 36.1ft | 39.4ft | 42.7ft | 45.9ft | 49.2ft | 52.5ft | 55.8ft | 59.1ft | 62.3ft | 65.6ft |
| 13lx   | 3lx    | 1lx    | 1lx    | 1lx    | 0lx    | 0lx  | 0lx    | 0lx    | 0lx    | 0lx    | 0lx    | 0lx    | 0lx    | 0lx    | 0lx    | 0lx    | 0lx    | 0lx    | 0lx    |
| 1.2fcd | 0.3fcd | 0.1fcd | 0.1fcd | 0fcd   | 0fcd   | 0fcd | 0fcd   | 0fcd   | 0fcd   | 0fcd   | 0fcd   | 0fcd   | 0fcd   | 0fcd   | 0fcd   | 0fcd   | 0fcd   | 0fcd   | 0fcd   |

## Power scope



| Power | Power factor |  |
|-------|--------------|--|
| 2.9 W | 1.0          |  |

| Voltage | Current |  |
|---------|---------|--|
| 24.0 V  | 0.120 A |  |

## Light efficiency:

**84 Lumen/Watt**

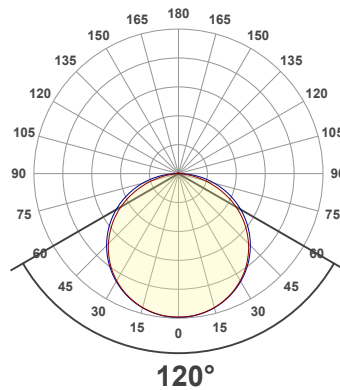
## Light quality:

**CRI: 82.8**

## Color temperature:

**3000 K**

**Output: 242 Lumen Power consumption: 2.9**



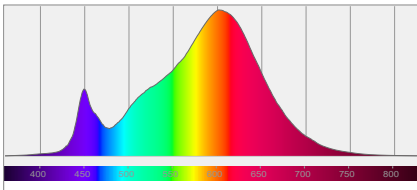
## Product name:

**JAZZ 11.5Watt 60led 24V IP67  
RGBW\_WHITE**

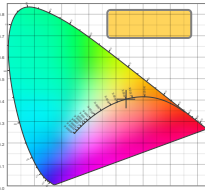
## Item number:

**132173**

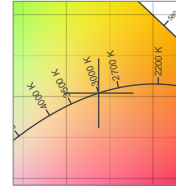
## Spectral distribution



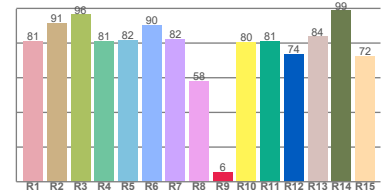
## Color coordinates



## White color point

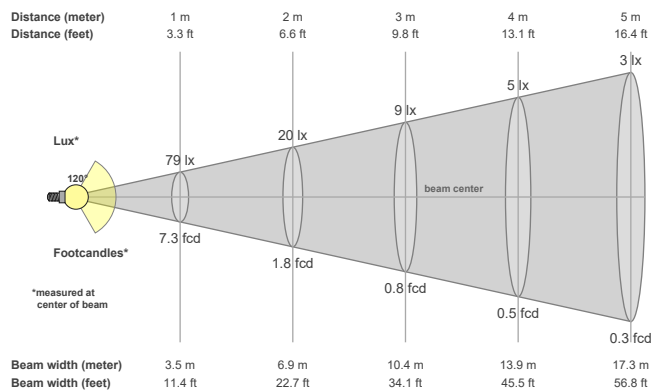


## CRI R values



| Color temperature | Color rendering index | Red component | Color fidelity | Color gamut | Color quality scale | Color coordinate cie 1931 | Color coordinate cie 1931 | Color coordinate | Color coordinate | Color deviation from black body |
|-------------------|-----------------------|---------------|----------------|-------------|---------------------|---------------------------|---------------------------|------------------|------------------|---------------------------------|
| CCT               | CRI                   | CRI R9        | TM30 Rf        | TM30 Rg     | CQS                 | x                         | y                         | u                | v                | Δuv                             |
| 3000 K            | 82.8                  | 5.5           | 85.5           | 95.4        | 82.5                | 0.437                     | 0.404                     | 0.251            | 0.348            | 0.0007                          |

## Beam details



## Beam angles

| Beam angle 50% | Field angle 10% | Cutoff angle 2,5% |
|----------------|-----------------|-------------------|
| <b>120°</b>    | <b>165.1°</b>   | <b>175.7°</b>     |

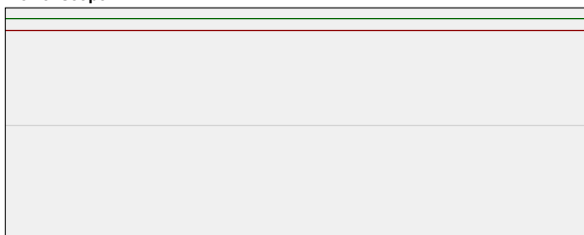
## Beam intensities

| Peak intensity | Int. ratio in 120° cone | Int. ratio in 90° cone |
|----------------|-------------------------|------------------------|
| <b>78.9 cd</b> | <b>76.0%</b>            | <b>51.0%</b>           |

## Beam intensities from 1-20m

| 1m     | 2m     | 3m     | 4m     | 5m     | 6m     | 7m     | 8m     | 9m     | 10m    | 11m    | 12m    | 13m    | 14m    | 15m    | 16m    | 17m    | 18m    | 19m    | 20m    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3.3ft  | 6.6ft  | 9.8ft  | 13.1ft | 16.4ft | 19.7ft | 23ft   | 26.2ft | 29.5ft | 32.8ft | 36.1ft | 39.4ft | 42.7ft | 45.9ft | 49.2ft | 52.5ft | 55.8ft | 59.1ft | 62.3ft | 65.6ft |
| 79lx   | 20lx   | 9lx    | 5lx    | 3lx    | 2lx    | 2lx    | 1lx    | 1lx    | 1lx    | 1lx    | 1lx    | 0lx    | 0lx    | 0lx    | 0lx    | 0lx    | 0lx    | 0lx    | 0lx    |
| 7.3fcd | 1.8fcd | 0.8fcd | 0.5fcd | 0.3fcd | 0.2fcd | 0.1fcd | 0.1fcd | 0.1fcd | 0.1fcd | 0.1fcd | 0.1fcd | 0fcd   | 0fcd   | 0fcd   | 0fcd   | 0fcd   | 0fcd   | 0fcd   | 0fcd   |

## Power scope



| Power        | Power factor |  |
|--------------|--------------|--|
| <b>2.9 W</b> | <b>1.0</b>   |  |

| Voltage       | Current        |  |
|---------------|----------------|--|
| <b>24.0 V</b> | <b>0.120 A</b> |  |