

Light efficiency:

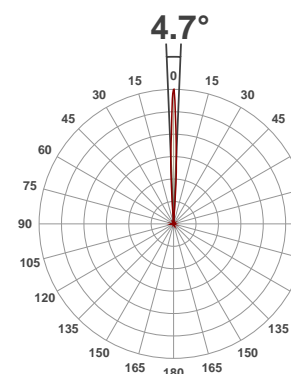
9 Lumen/Watt

Light quality:

CRI: 73.1

Color temperature:

7611 K



Product name:

Chorus Line16

Test:

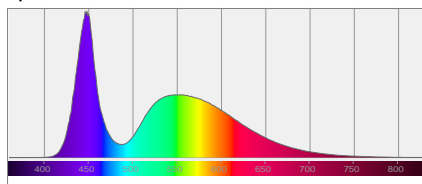
Zoom In White

Date:

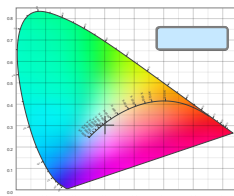
7/20/2017

Output: 1853 lm Power consumption: 197 W Peak: 254638 cd

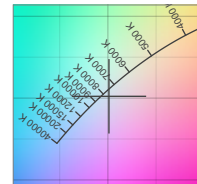
Spectral distribution



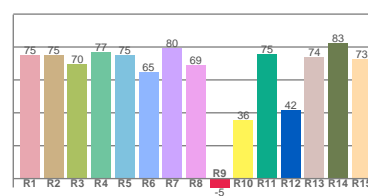
Color coordinates



Zoom color point

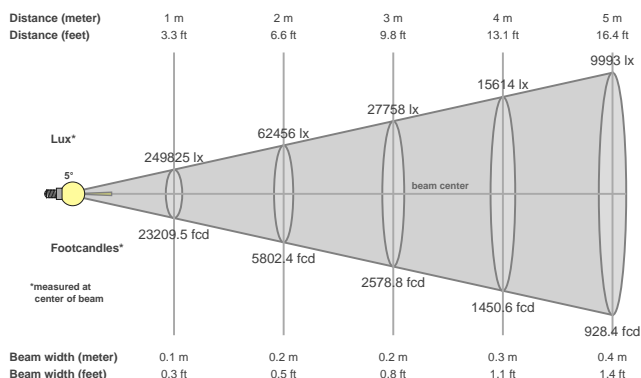


CRI R values



| 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 divition from black body |
|-------------------|-----------------------|---------------|----------------|-------------|---------------------|---------------------------|---------------------------|------------------|------------------|--------------------------------|
| CCT | CRI | CRI R9 | TM30 Rf | TM30 Rg | CQS | x | y | u | v | Δuv |
| 7611 K | 73.1 | -5.4 | 66.6 | 96.3 | 68.1 | 0.301 | 0.302 | 0.200 | 0.301 | 0.0079 |

Beam details



Beam angles

| Beam angle 50% | Field angle 10% | Cutoff angle 2,5% |
|----------------|-----------------|-------------------|
| 4.7° | 8° | 8.8° |

Beam intensities

| Peak intensity | Int. ratio in 120° cone | Int. ratio in 90° cone |
|----------------|-------------------------|------------------------|
| 254638 cd | 97.5% | 97.0% |

Power

| Power | Power factor | Power frequency |
|-------|--------------|-----------------|
| 197 W | 0.99 | 60 Hz |

| Nominal voltage | Voltage | Current |
|-----------------|---------|---------|
| 230 V | 113 V | 1.76 A |

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 |
| 249825lx | 62456lx | 27758lx | 15614lx | 9993lx | 6940lx | 5098lx | 3904lx | 3084lx | 2498lx | 2065lx | 1735lx | 1478lx | 1275lx | 1110lx | 976lx | 864lx | 771lx | 692lx | 625lx |
| 23209.5 fcd | 5802.4 fcd | 2578.8 fcd | 1450.6 fcd | 928.4 fcd | 644.7 fcd | 473.7 fcd | 362.6 fcd | 286.5 fcd | 232.1 fcd | 191.8 fcd | 161.2 fcd | 137.3 fcd | 118.4 fcd | 103.2 fcd | 90.7 fcd | 80.3 fcd | 71.6 fcd | 64.3 fcd | 58 fcd |