



Light efficiency:

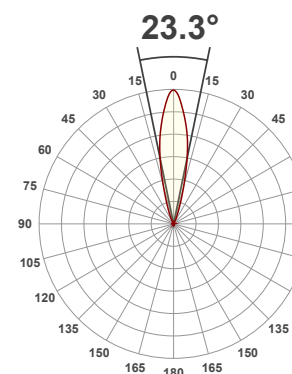
43 Lumen/Watt

Light quality:

CRI: 71.7

Color temperature:

6828 K



Product name:

12P Hex

Test:

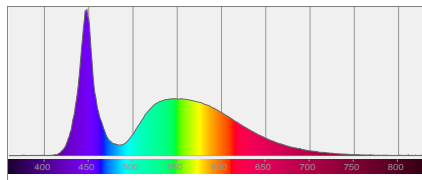
White

Date:

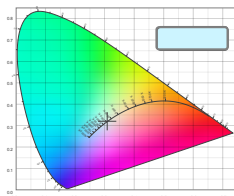
11/6/2017

Output: 1122 lm Power consumption: 26.3 W Peak: 5988 cd

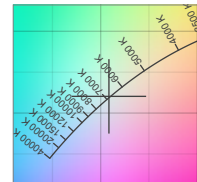
Spectral distribution



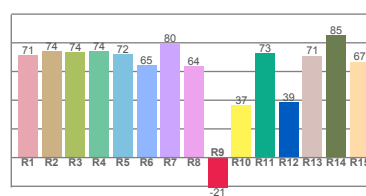
Color coordinates



Zoom color point

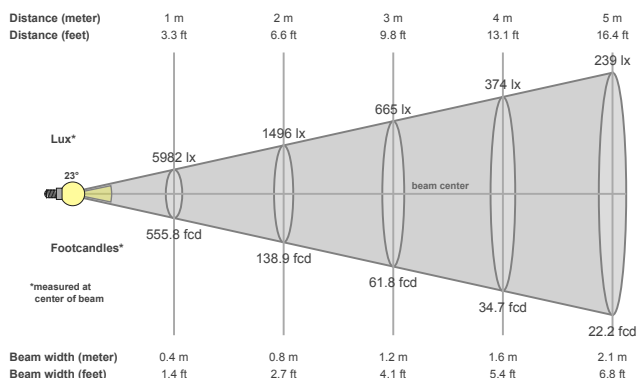


CRI R values



| 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 diviation from black body |
|-------------------|-----------------------|---------------|----------------|-------------|---------------------|---------------------------|---------------------------|------------------|------------------|---------------------------------|
| CCT | CRI | CRI R9 | TM30 Rf | TM30 Rg | CQS | x | y | u | v | Δuv |
| 6828 K | 71.7 | -20.8 | 67.7 | 95.5 | 69.4 | 0.309 | 0.320 | 0.198 | 0.309 | 0.0023 |

Beam details



Beam angles

| Beam angle 50% | Field angle 10% | Cutoff angle 2,5% |
|----------------|-----------------|-------------------|
| 23.3° | 41.4° | 55.3° |

Beam intensities

| Peak intensity | Int. ratio in 120° cone | Int. ratio in 90° cone |
|----------------|-------------------------|------------------------|
| 5988 cd | 98.1% | 97.4% |

Power

| Power | Power factor | Power frequency |
|--------|--------------|-----------------|
| 26.3 W | 0.94 | 60 Hz |

| Nominal voltage | Voltage | Current |
|-----------------|---------|---------|
| 230 V | 117 V | 0.239 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 |
| 5982lx | 1496lx | 665lx | 374lx | 239lx | 166lx | 122lx | 93lx | 74lx | 60lx | 49lx | 42lx | 35lx | 31lx | 27lx | 23lx | 21lx | 18lx | 17lx | 15lx |
| 555.8fcd | 138.9fcd | 61.8fcd | 34.7fcd | 22.2fcd | 15.4fcd | 11.3fcd | 8.7fcd | 6.9fcd | 5.6fcd | 4.6fcd | 3.9fcd | 3.3fcd | 2.8fcd | 2.5fcd | 2.2fcd | 1.9fcd | 1.7fcd | 1.5fcd | 1.4fcd |