

BEARLED Report

Product Mark

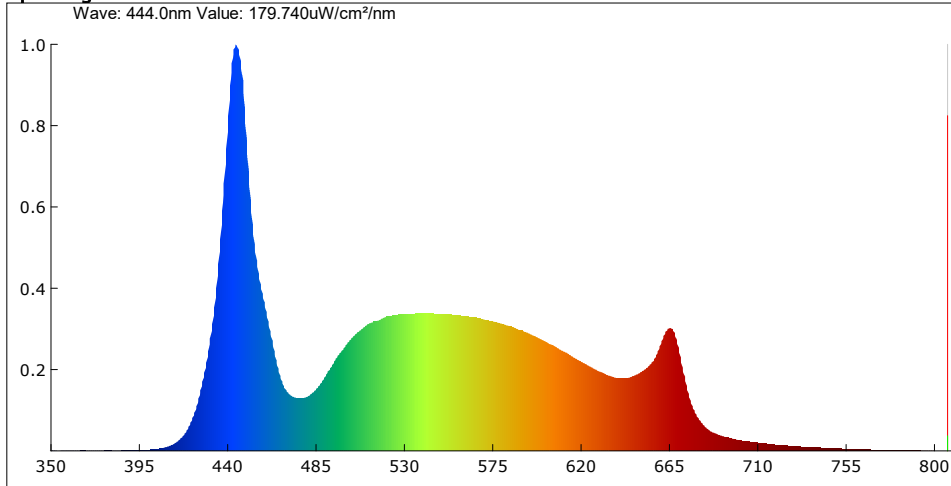
Model: 100W 300PE (x3)
Temperature: 27°C
Tester: admin

Manufacture: BEARLED
Humidity: 55%
Test Date: 2022-11-11,19:07:51

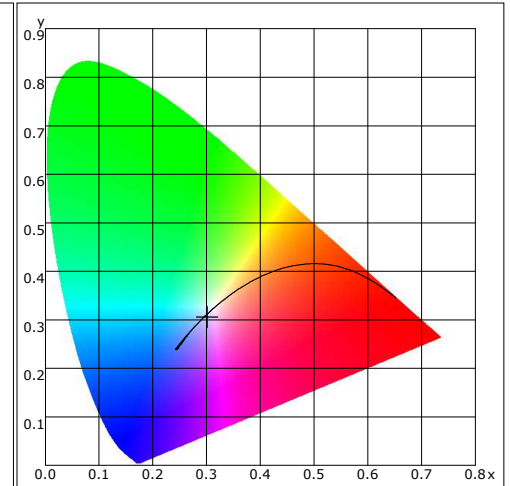
Parameter

| Name | Value | Name | Value | Name | Value | Name | Value |
|---------------------------------|---------|--------------------------|---------------|-------------------|---------------|------|-------|
| PAR(mW/cm ²) | 14.176 | Euv(mW/cm ²) | 0.014 | Purity(%) | 13.5 | | |
| PPFD(umol/m ² /s) | 628.995 | Efr(mW/cm ²) | 0.382 | HalfWidth(nm) | 17.4 | | |
| PPFD_UV(umol/m ² /s) | 0.438 | Ec(mW/cm ²) | 14.163 | Peak(nm) | 444.6 | | |
| PPFD_B(umol/m ² /s) | 188.401 | Erb Ratio | 0.656 | Center(nm) | 445.4 | | |
| PPFD_G(umol/m ² /s) | 265.884 | E(lx) | 39731.42 | Centroid(nm) | 539.0 | | |
| PPFD_R(umol/m ² /s) | 174.710 | Candle E(fc) | 3691.14 | Color Ratio(RGB) | 13.4,83.0,3.6 | | |
| PPFD_FR(umol/m ² /s) | 8.971 | CCT(K) | 7564 | CIE1931 X | 57338.238 | | |
| PPFD_IR(umol/m ² /s) | 0.428 | Duv | -0.00301 | CIE1931 Y | 58171.914 | | |
| Kppfv(umol/s/klm) | 15.831 | CIE x,y | 0.3009,0.3052 | CIE1931 Z | 75071.344 | | |
| YFPD(umol/m ² /s) | 534.655 | CIE u,v | 0.1986,0.3022 | TLCI-2012 | 68 | | |
| EchA(mW/cm ²) | 0.342 | CIE u',v' | 0.1986,0.4532 | Integral Time(ms) | 2 | | |
| EchB(uW/cm ²) | 0.119 | SDCM | 16.50 | Peak Signal | 54078 | | |
| Ep(mW/cm ²) | 11.730 | Ra | 84.2 | Dark Signal | 2476 | | |
| Eb(mW/cm ²) | 4.968 | Ee(mW/cm ²) | 14.176 | Compensate level | 2850 | | |
| Ey(mW/cm ²) | 5.781 | S/P | 2.306 | | | | |
| Er(mW/cm ²) | 3.260 | Dominant(nm) | 479.40 | | | | |

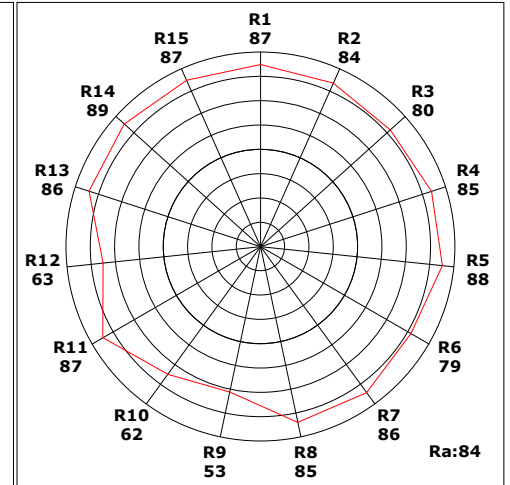
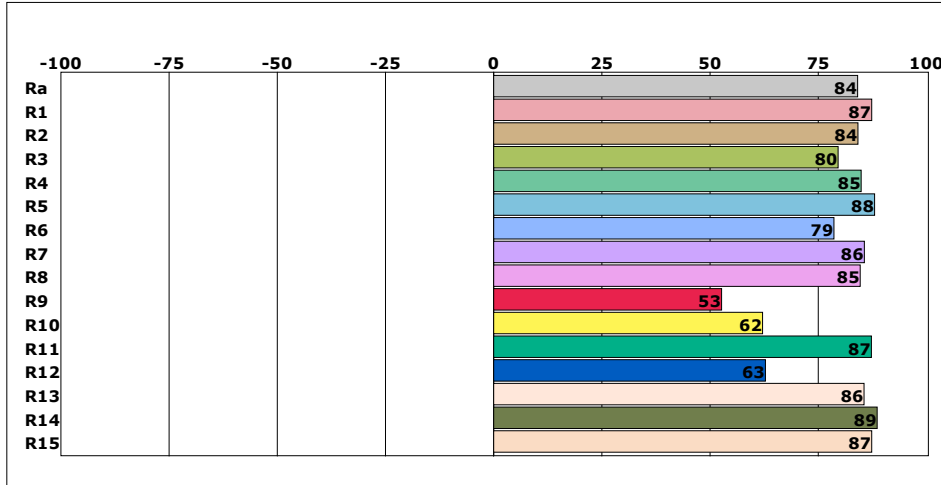
Spectrogram



CIE1931



CRI



Instrument Status

Type: OHSP-350P
Integral Time: 2.000ms
SN: 0
VPeak: 54078
Scan Range: 350-800nm
VDark: 2476

Remark: