



B-K Lighting INC

Catalog Number

HU-LED-TR-X108-NSP-WHP-9-C-1-INC-120 (4000K)



Electrical Test Conditions

| Temp | Voltage | Current | Power | Power Factor | Frequency | Current THD |
|---------|-----------|----------|---------|--------------|-----------|-------------|
| 25.1 °C | 120.0 VAC | 0.2972 A | 35.20 W | 0.987 | 60 Hz | 12.0 % |

Summary of Results

Integrating Sphere

| | |
|--------------------|-----------|
| Total Lumen Output | 1681 lm |
| Luminaire Efficacy | 47.8 lm/w |
| CCT | 3807 K |
| CRI | 81.7 |
| Duv | 0.0015 |
| TM-30 Rf | 83.9 |
| TM-30 Rg | 95.3 |

Goniophotometer

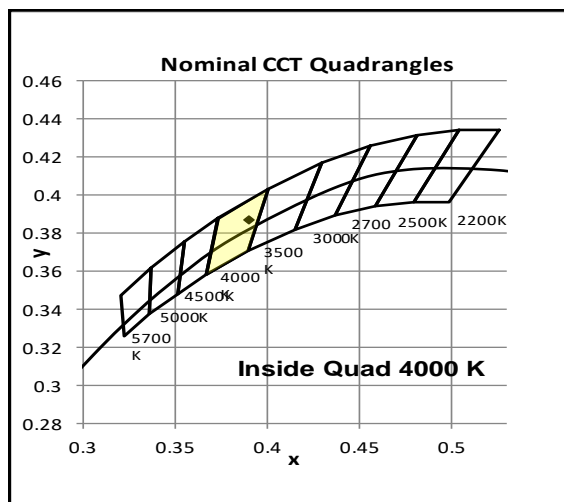
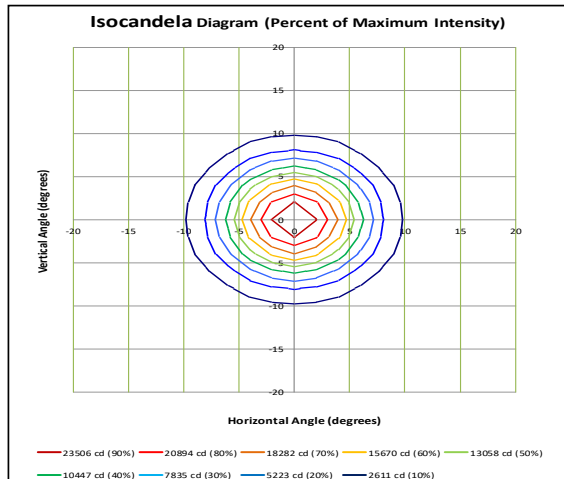
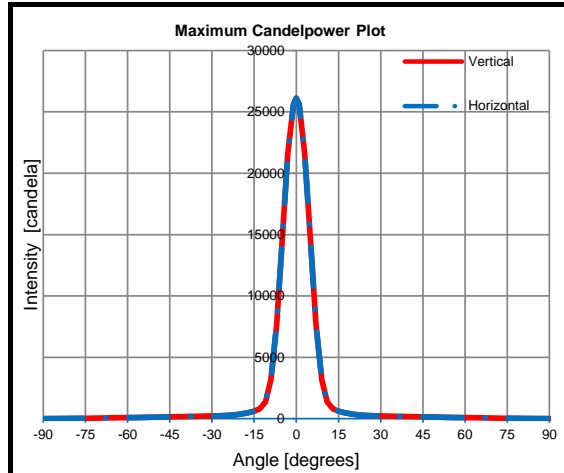
| | |
|--------------------|-----------------|
| Maximum Candela | 26118 cd |
| Location of Max | 0 H 0 V |
| Total Lumen Output | 1659 lm |
| Field Lumens | 928 lm |
| Beam Lumens | 556 lm |
| Spill Light Lumens | 731 lm |
| Field Angle | 19.2 H X 19.2 V |
| Beam Angle | 10.9 H X 10.9 V |
| IESNA Type | 2 H X 2 V |

Color Rendering Index Details

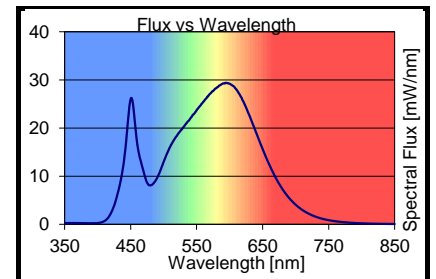
| | |
|----------|------|
| Ra (CRI) | 81.7 |
| R1 | 79.4 |
| R2 | 87.8 |
| R3 | 94.4 |
| R4 | 80.4 |
| R5 | 79.4 |
| R6 | 83.2 |
| R7 | 85.9 |
| R8 | 63.0 |
| R9 | 5.2 |
| R10 | 71.1 |
| R11 | 78.3 |
| R12 | 62.2 |
| R13 | 81.2 |
| R14 | 96.8 |

Chromaticity Coordinates

| | |
|-------------------|--------|
| Chromaticity (x) | 0.3907 |
| Chromaticity (y) | 0.3868 |
| Chromaticity (u) | 0.2278 |
| Chromaticity (v) | 0.3383 |
| Chromaticity (u') | 0.2278 |
| Chromaticity (v') | 0.5075 |
| Duv | 0.0015 |



| Intensity (Candelpower) Summary | | |
|---------------------------------|----------|------------|
| Angle | Vertical | Horizontal |
| -85 | 8 | 8 |
| -75 | 23 | 23 |
| -65 | 59 | 59 |
| -55 | 101 | 101 |
| -48 | 129 | 129 |
| -43 | 150 | 150 |
| -38 | 172 | 172 |
| -33 | 193 | 193 |
| -29 | 216 | 216 |
| -26 | 251 | 251 |
| -23 | 302 | 302 |
| -20 | 387 | 387 |
| -17 | 500 | 500 |
| -15 | 608 | 608 |
| -13 | 799 | 799 |
| -11 | 1362 | 1362 |
| -9 | 3162 | 3162 |
| -7 | 7604 | 7604 |
| -5 | 14692 | 14692 |
| -3 | 21629 | 21629 |
| 0 | 26118 | 26118 |
| 3 | 21629 | 21629 |
| 5 | 14692 | 14692 |
| 7 | 7604 | 7604 |
| 9 | 3162 | 3162 |
| 11 | 1362 | 1362 |
| 13 | 799 | 799 |
| 15 | 608 | 608 |
| 17 | 500 | 500 |
| 20 | 387 | 387 |
| 23 | 302 | 302 |
| 26 | 251 | 251 |
| 29 | 216 | 216 |
| 33 | 193 | 193 |
| 38 | 172 | 172 |
| 43 | 150 | 150 |
| 48 | 129 | 129 |
| 55 | 101 | 101 |
| 65 | 59 | 59 |
| 75 | 23 | 23 |
| 85 | 8 | 8 |



Testing was performed in accordance with LM-79-08
The results contained in this summary pertain only to report #13318635.04