

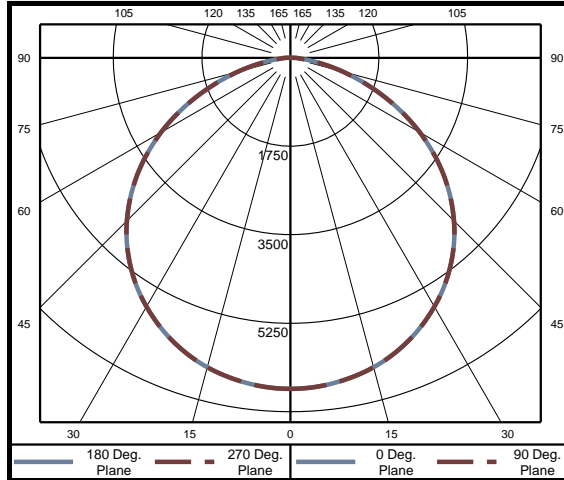


Lighting ETC Inc
Catalog Number
INS-LW-20L-5K8-U-F-XX



| Electrical Test Conditions | | | | | | |
|----------------------------|-----------|---------|---------|--------------|-----------|-------------|
| Temp | Voltage | Current | Power | Power Factor | Frequency | Current THD |
| 25.1 °C | 120.1 VAC | 1.109 A | 132.9 W | 0.998 | 60 Hz | 6.24 % |

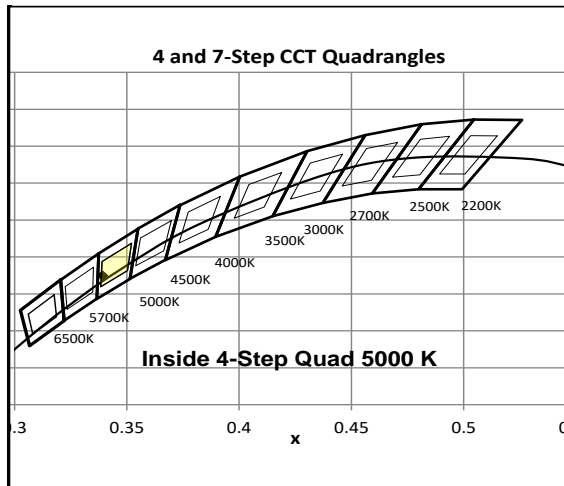
| Summary of Results | |
|--------------------|--------------|
| Total Lumen Output | 19230 Lumens |
| Luminaire Efficacy | 146.3 lm/w |
| Maximum Candela | 6547 Candela |
| CCT | 5225 K |
| CRI | 83.7 |
| Duv | 0.0016 |
| TM-30 Rf | 84.0 |
| TM-30 Rg | 94.0 |



| Intensity (Candlepower) Summary | | |
|---------------------------------|---------|--------|
| Angle | Mean CP | Lumens |
| 0 | 6547 | |
| 5 | 6522 | 620 |
| 10 | 6450 | |
| 15 | 6337 | 1789 |
| 20 | 6170 | |
| 25 | 5951 | 2744 |
| 30 | 5683 | |
| 35 | 5368 | 3357 |
| 40 | 4996 | |
| 45 | 4566 | 3519 |
| 50 | 4078 | |
| 55 | 3541 | 3158 |
| 60 | 2953 | |
| 65 | 2324 | 2297 |
| 70 | 1687 | |
| 75 | 1100 | 1171 |
| 80 | 585 | |
| 85 | 235 | 301 |
| 90 | 103 | |

| Zonal Lumen Summary | | |
|---------------------|--------|-------------|
| Zone | Lumens | % Luminaire |
| 0-30 | 5153 | 27.2% |
| 0-40 | 8510 | 44.8% |
| 0-60 | 15187 | 80.0% |
| 0-90 | 18955 | 99.9% |
| 40-90 | 10445 | 55.0% |
| 60-90 | 3768 | 19.9% |
| 90-180 | 22 | 0.1% |
| 0-180 | 18977 | 100.0% |

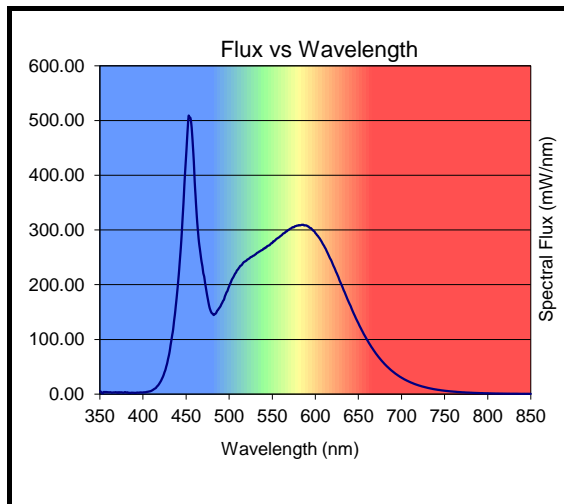
| Spacing Criteria | |
|------------------|------|
| 0-180 | 1.29 |
| 90-270 | 1.29 |



| Color Rendering Index Details | |
|-------------------------------|------|
| Ra (CRI) | 83.7 |
| R1 | 82 |
| R2 | 90.8 |
| R3 | 94.7 |
| R4 | 81.9 |
| R5 | 82.7 |
| R6 | 86.1 |
| R7 | 85.7 |
| R8 | 65.4 |
| R9 | 4.5 |
| R10 | 77.6 |
| R11 | 81.4 |
| R12 | 64.3 |
| R13 | 84.8 |
| R14 | 97.6 |

| Average Luminance cd/m ² | |
|-------------------------------------|---------------------|
| Vertical Angle | Horizontal Angle 0° |
| 0 | 32300 |
| 45 | 167700 |
| 55 | 160300 |
| 65 | 25370 |
| 75 | 10040 |
| 85 | 1913 |

| Cone of Light Tabulation | | |
|--------------------------|----------------------|---------------|
| Mounting Height (Ft) | Footcandles at Nadir | Diameter (Ft) |
| 10.0 | 65.5 | 12.9 |
| 14.0 | 33.4 | 18.1 |
| 18.0 | 20.2 | 23.2 |
| 22.0 | 13.5 | 28.4 |
| 26.0 | 9.69 | 33.5 |
| 28.0 | 8.35 | 36.1 |
| 30.0 | 7.27 | 38.7 |



| Chromaticity Coordinates | |
|--------------------------|--------|
| Chromaticity (x) | 0.3392 |
| Chromaticity (y) | 0.3499 |
| Chromaticity (u) | 0.2081 |
| Chromaticity (v) | 0.3220 |
| Chromaticity (u') | 0.2081 |
| Chromaticity (v') | 0.4830 |
| Duv | 0.0016 |

Testing was performed in accordance with LM-79-08
The results contained in this summary pertain only to report #13926835.01B