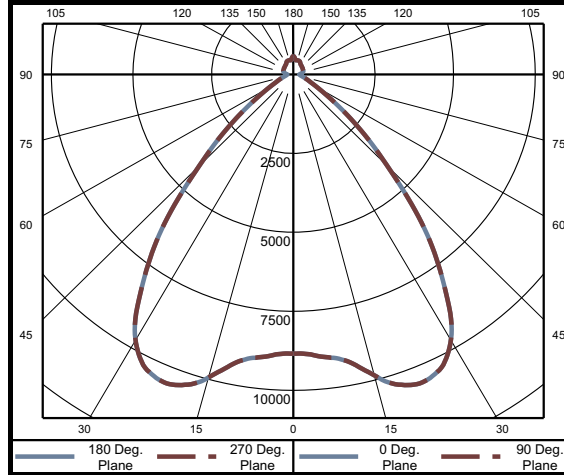




| Electrical Test Conditions |           |         |         |              |           |             |
|----------------------------|-----------|---------|---------|--------------|-----------|-------------|
| Temp                       | Voltage   | Current | Power   | Power Factor | Frequency | Current THD |
| 25.0 °C                    | 120.0 VAC | 1.727 A | 206.6 W | 0.996        | 60 Hz     | 4.81 %      |

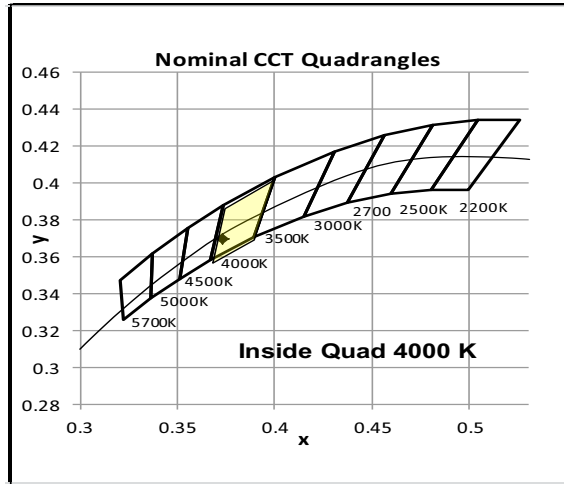
| Summary of Results |               |
|--------------------|---------------|
| Total Lumen Output | 22700 Lumens  |
| Luminaire Efficacy | 109.5 lm/w    |
| Maximum Candela    | 10550 Candela |
| CCT                | 4164 K        |
| CRI                | 86.1          |
| Duv                | -0.0014       |
| TM-30 Rf           | 82.5          |
| TM-30 Rg           | 93.6          |



| Intensity (Candlepower) Summary |         |        |
|---------------------------------|---------|--------|
| Angle                           | Mean CP | Lumens |
| 0                               | 8836    |        |
| 5                               | 8953    | 861    |
| 10                              | 9189    |        |
| 15                              | 9963    | 2818   |
| 20                              | 10465   |        |
| 25                              | 10469   | 4791   |
| 30                              | 9822    |        |
| 35                              | 8256    | 5126   |
| 40                              | 6380    |        |
| 45                              | 4273    | 3367   |
| 50                              | 2776    |        |
| 55                              | 1658    | 1535   |
| 60                              | 974     |        |
| 65                              | 620     | 644    |
| 70                              | 447     |        |
| 75                              | 323     | 349    |
| 80                              | 246     |        |
| 85                              | 208     | 228    |
| 90                              | 187     |        |

| Zonal Lumen Summary |        |             |
|---------------------|--------|-------------|
| Zone                | Lumens | % Luminaire |
| 0-30                | 8471   | 38.7%       |
| 0-40                | 13596  | 62.1%       |
| 0-60                | 18499  | 84.6%       |
| 0-90                | 19721  | 90.1%       |
| 40-90               | 6125   | 28.0%       |
| 60-90               | 1222   | 5.6%        |
| 90-180              | 2157   | 9.9%        |
| 0-180               | 21878  | 100.0%      |

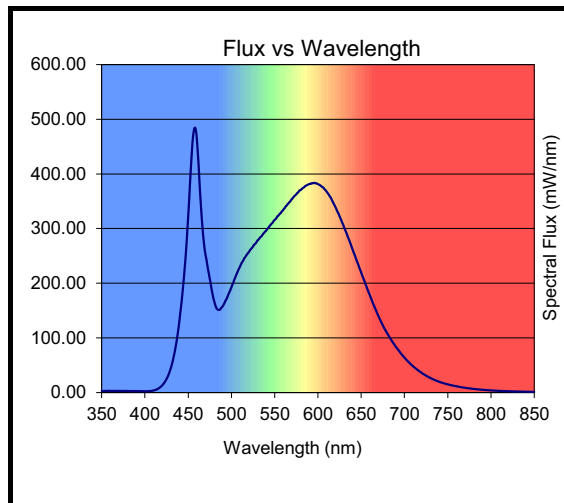
| Spacing Criteria |      |
|------------------|------|
| 0-180            | 1.42 |
| 90-270           | 1.42 |



| Average Luminance cd/m <sup>2</sup> |                     |
|-------------------------------------|---------------------|
| Vertical Angle                      | Horizontal Angle 0° |
| 0                                   | 36030               |
| 45                                  | 17680               |
| 55                                  | 7038                |
| 65                                  | 2740                |
| 75                                  | 1509                |
| 85                                  | 1042                |

| Color Rendering Index Details |      |
|-------------------------------|------|
| Ra (CRI)                      | 86.1 |
| R1                            | 85.7 |
| R2                            | 94.2 |
| R3                            | 95.9 |
| R4                            | 82.2 |
| R5                            | 84.7 |
| R6                            | 89.8 |
| R7                            | 86.3 |
| R8                            | 69.8 |
| R9                            | 26.3 |
| R10                           | 84.4 |
| R11                           | 81.1 |
| R12                           | 63.7 |
| R13                           | 88.5 |
| R14                           | 98.6 |

| Cone of Light Tabulation |                      |               |
|--------------------------|----------------------|---------------|
| Mounting Height (Ft)     | Footcandles at Nadir | Diameter (Ft) |
| 4.00                     | 552                  | 5.67          |
| 6.00                     | 245                  | 8.51          |
| 8.00                     | 138                  | 11.3          |
| 10.0                     | 88.4                 | 14.2          |
| 12.0                     | 61.4                 | 17.0          |
| 14.0                     | 45.1                 | 19.8          |
| 16.0                     | 34.5                 | 22.7          |



| Chromaticity Coordinates |         |
|--------------------------|---------|
| Chromaticity (x)         | 0.3728  |
| Chromaticity (y)         | 0.3697  |
| Chromaticity (u)         | 0.2228  |
| Chromaticity (v)         | 0.3315  |
| Chromaticity (u')        | 0.2228  |
| Chromaticity (v')        | 0.4973  |
| Duv                      | -0.0014 |

Testing was performed in accordance with LM-79-08  
The results contained in this summary pertain only to report #11675584.01