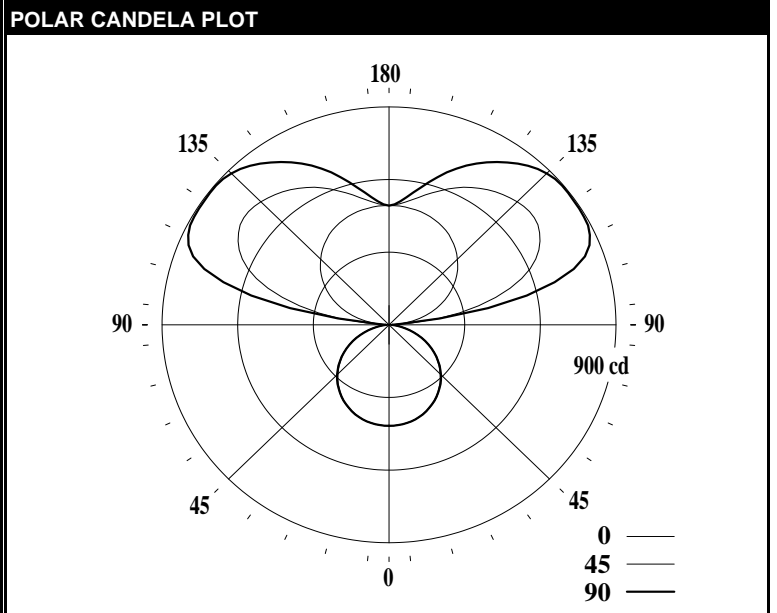


# LEDALITE - FLOATPLANE

|                                |               |                                      |                                     |
|--------------------------------|---------------|--------------------------------------|-------------------------------------|
| <b>TEST DATE:</b>              | 09 Jan 2019   | <b>CATALOG NO:</b>                   | 24x5LCCAA                           |
| <b>Lamp Type:</b>              | LED           | <b>Description:</b>                  | FLOATPLANE SUSPENDED 70% UP MID 830 |
| <b>No. of Lamps:</b>           | 176           |                                      |                                     |
| <b>Rated Lamp Lumens:</b>      | -1            | <b>Flux (lm), Efficiency (%):</b>    | 4398 lm 100.0%                      |
| <b>Input Watts:</b>            | 120 VAC 35.6  | <b>Up/Dn Ratio, Efficacy (lm/W):</b> | 72% Up / 28% Dn 123.5               |
| <b>CIE-IES Classification:</b> | Semi-Indirect | <b>Report (Ele, Col, Photo):</b>     | ITL84866-THD1 ITL84853 S84844-3     |

| CANDELA DISTRIBUTION |     |      |     |      |     | Flux   |
|----------------------|-----|------|-----|------|-----|--------|
|                      | 0   | 22.5 | 45  | 67.5 | 90  | Lumens |
| 0                    | 417 | 417  | 417 | 417  | 417 |        |
| 5                    | 416 | 416  | 416 | 416  | 416 | 40     |
| 15                   | 404 | 402  | 404 | 404  | 404 | 114    |
| 25                   | 378 | 376  | 379 | 381  | 378 | 174    |
| 35                   | 339 | 337  | 341 | 341  | 340 | 213    |
| 45                   | 287 | 288  | 290 | 291  | 291 | 223    |
| 55                   | 227 | 228  | 231 | 229  | 229 | 204    |
| 65                   | 158 | 160  | 160 | 158  | 158 | 157    |
| 75                   | 84  | 85   | 85  | 85   | 84  | 90     |
| 85                   | 20  | 21   | 22  | 22   | 22  | 26     |
| 90                   | 0   | 4    | 8   | 10   | 11  |        |
| 95                   | 45  | 74   | 90  | 56   | 45  | 104    |
| 105                  | 151 | 234  | 438 | 614  | 680 | 439    |
| 115                  | 245 | 397  | 642 | 818  | 879 | 594    |
| 125                  | 322 | 487  | 721 | 852  | 894 | 596    |
| 135                  | 383 | 518  | 719 | 844  | 884 | 524    |
| 145                  | 431 | 526  | 681 | 783  | 818 | 411    |
| 155                  | 465 | 520  | 624 | 700  | 726 | 283    |
| 165                  | 484 | 506  | 555 | 595  | 610 | 157    |
| 175                  | 492 | 495  | 502 | 508  | 512 | 49     |
| 180                  | 492 | 492  | 492 | 492  |     |        |



| CHARACTERISTICS                          |   |        |             |
|--|---|--------|-------------|
| RP1                                      | Meets RP-1-12 recommendations for VDT-Critical spaces |        |             |
| Direct: Peak Candela & Angle (0deg)      | 416.9   | 0.0    |             |
| Direct: Peak Candela & Angle (90deg)     | 416.9   | 0.0    |             |
| Spacing Criteria (0deg, 90deg, 180deg)   | 1.28  | 1.29   | N/A         |
| Indirect: Peak Candela & Angle           | 895.4   | 127.5  |             |
| Indirect: Zenith Candela, Peak to Zenith | 492.4   | 1.82   |             |
| Luminous Length, Width, Height (ft)      | 3.8906  | 0.5625 | 0.0000      |
| UGR (4H x 8H, 0.25H)                     | N/A   |        |             |
| Ballast Factor, Multiplication Factor    | 1.000   | 1.399  |             |
| DesignLights Consortium                  | N/A   |        |             |
| x, y, CCT, Duv                           | 0.4329  | 0.4073 | 3094 0.0020 |
| CRI (Ra), R9                             | 81  |        | 3           |
| 120V: P(W), I(A), THD(%), PF             | 35.6  | 0.300  | 6.0 0.990   |
| 277V: P(W), I(A), THD(%), PF             | 34.9  | 0.129  | 12.9 0.980  |
| 347V: P(W), I(A), THD(%), PF             | N/A   | N/A    | N/A N/A     |

| COEFFICIENTS OF UTILIZATION (%) |     |     |     |     |    |    |    |    |    |    |    |   |   |
|---------------------------------|-----|-----|-----|-----|----|----|----|----|----|----|----|---|---|
| Pc---                           | 80  |     |     |     | 70 |    |    |    | 50 |    |    |   | 0 |
| Pw---                           | 70  | 50  | 30  | 10  | 70 | 50 | 30 | 50 | 30 | 10 | 0  | 0 |   |
| RCR                             |     |     |     |     |    |    |    |    |    |    |    |   |   |
| 0                               | 102 | 102 | 102 | 102 | 91 | 91 | 91 | 71 | 71 | 71 | 28 |   |   |
| 1                               | 93  | 89  | 85  | 81  | 83 | 79 | 76 | 62 | 60 | 58 | 23 |   |   |
| 2                               | 84  | 77  | 71  | 66  | 75 | 69 | 64 | 54 | 51 | 48 | 19 |   |   |
| 3                               | 77  | 68  | 60  | 55  | 68 | 61 | 55 | 48 | 43 | 40 | 16 |   |   |
| 4                               | 70  | 60  | 52  | 46  | 62 | 54 | 47 | 42 | 37 | 34 | 14 |   |   |
| 5                               | 64  | 53  | 45  | 39  | 57 | 48 | 41 | 38 | 33 | 29 | 12 |   |   |
| 6                               | 59  | 47  | 39  | 34  | 52 | 43 | 36 | 34 | 29 | 25 | 10 |   |   |
| 7                               | 54  | 42  | 35  | 29  | 48 | 38 | 32 | 30 | 25 | 22 | 9  |   |   |
| 8                               | 50  | 38  | 31  | 26  | 45 | 35 | 28 | 28 | 23 | 19 | 8  |   |   |
| 9                               | 47  | 35  | 28  | 23  | 42 | 31 | 25 | 25 | 20 | 17 | 7  |   |   |
| 10                              | 43  | 32  | 25  | 20  | 39 | 29 | 23 | 23 | 18 | 15 | 7  |   |   |

\*Based on a floor reflectance of 0.2

| ZONAL LUMEN SUMMARY |        |          |        |
|---------------------|--------|----------|--------|
| Zone                | Lumens | %Fixture | %Lamp  |
| 0-30                | 328    | 7.5%     | 7.5%   |
| 0-40                | 540    | 12.3%    | 12.3%  |
| 0-60                | 968    | 22.0%    | 22.0%  |
| 0-90                | 1241   | 28.2%    | 28.2%  |
| 90-130              | 1734   | 39.4%    | 39.4%  |
| 90-150              | 2669   | 60.7%    | 60.7%  |
| 90-180              | 3157   | 71.8%    | 71.8%  |
| 0-180               | 4398   | 100.0%   | 100.0% |

| AVG LUMINANCE (cd/m <sup>2</sup> ) |      |      |      |
|------------------------------------|------|------|------|
|                                    | 0    | 45   | 90   |
| 0                                  | 2050 | 2050 | 2050 |
| 5                                  | 2051 | 2051 | 2051 |
| 15                                 | 2058 | 2058 | 2058 |
| 25                                 | 2049 | 2057 | 2049 |
| 35                                 | 2032 | 2049 | 2040 |
| 45                                 | 1994 | 2014 | 2023 |
| 55                                 | 1943 | 1979 | 1967 |
| 65                                 | 1839 | 1855 | 1839 |
| 75                                 | 1595 | 1621 | 1595 |
| 85                                 | 1105 | 1263 | 1263 |

| LUMINAIRE SECTION |  |
|-------------------|--|
|                   |  |



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