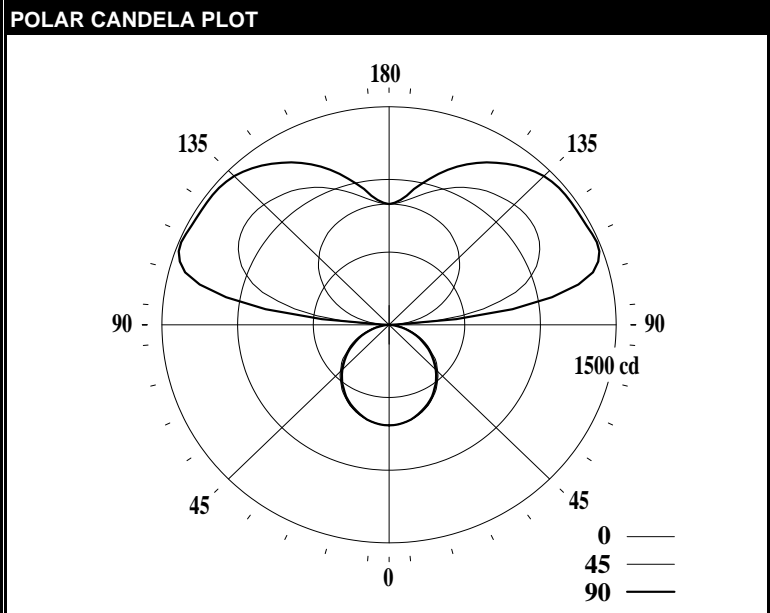


# LEDALITE - FLOATPLANE

|                                |               |                                      |                           |
|--------------------------------|---------------|--------------------------------------|---------------------------|
| <b>TEST DATE:</b>              | 17 Sep 2019   | <b>CATALOG NO:</b>                   | 24x5LCAA04                |
| <b>Lamp Type:</b>              | LED           | <b>Description:</b>                  | FLOATPLANE STD 7500LM 830 |
| <b>No. of Lamps:</b>           | 176           |                                      |                           |
| <b>Rated Lamp Lumens:</b>      | -1            | <b>Flux (lm), Efficiency (%):</b>    | 7388 lm 100.0%            |
| <b>Input Watts:</b>            | 120 VAC 53.4  | <b>Up/Dn Ratio, Efficacy (lm/W):</b> | 74% Up / 26% Dn 138.4     |
| <b>CIE-IES Classification:</b> | Semi-Indirect | <b>Report:</b>                       | LNG00017                  |

| CANDELA DISTRIBUTION |     |      |      |      |      | Flux   |
|----------------------|-----|------|------|------|------|--------|
|                      | 0   | 22.5 | 45   | 67.5 | 90   | Lumens |
| 0                    | 692 | 692  | 692  | 692  | 692  |        |
| 5                    | 687 | 689  | 687  | 688  | 688  | 65     |
| 15                   | 658 | 664  | 660  | 662  | 656  | 186    |
| 25                   | 611 | 617  | 609  | 610  | 602  | 281    |
| 35                   | 542 | 546  | 533  | 536  | 526  | 336    |
| 45                   | 455 | 459  | 444  | 444  | 437  | 346    |
| 55                   | 349 | 357  | 340  | 342  | 333  | 309    |
| 65                   | 242 | 248  | 231  | 232  | 223  | 233    |
| 75                   | 130 | 134  | 119  | 122  | 114  | 132    |
| 85                   | 33  | 39   | 25   | 23   | 19   | 34     |
| 90                   | 0   | 0    | 0    | 0    | 0    |        |
| 95                   | 83  | 148  | 305  | 273  | 446  | 285    |
| 105                  | 259 | 395  | 865  | 1171 | 1395 | 839    |
| 115                  | 413 | 643  | 1091 | 1374 | 1480 | 1001   |
| 125                  | 548 | 787  | 1172 | 1386 | 1469 | 974    |
| 135                  | 654 | 854  | 1169 | 1374 | 1447 | 859    |
| 145                  | 733 | 880  | 1124 | 1299 | 1352 | 682    |
| 155                  | 784 | 876  | 1043 | 1182 | 1218 | 475    |
| 165                  | 815 | 857  | 938  | 1025 | 1041 | 267    |
| 175                  | 830 | 837  | 846  | 870  | 862  | 82     |
| 180                  | 831 | 831  | 831  | 831  | 831  |        |



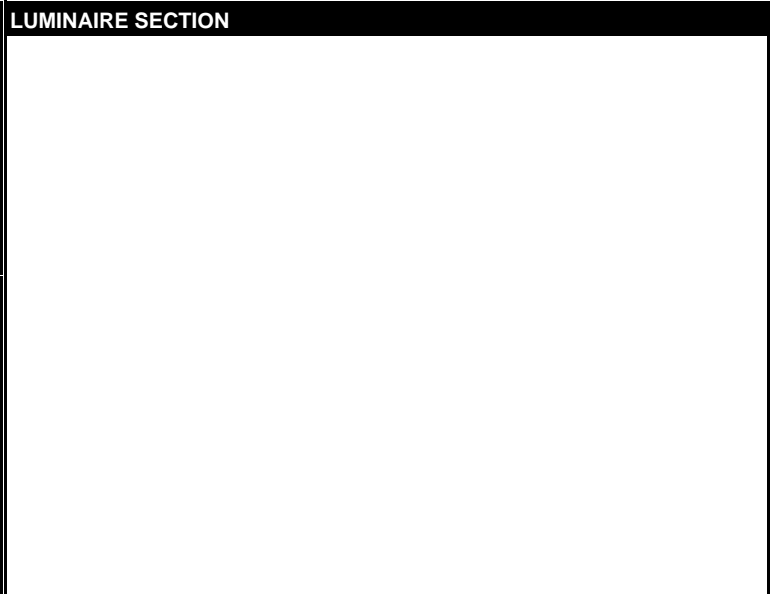
| CHARACTERISTICS                          |   |           |              |
|--|---|-----------|--------------|
| RP1                                      | Meets RP-1-12 recommendations for VDT-Normal spaces |           |              |
| Direct: Peak Candela & Angle (0deg)      | 691.7   | 0.0       |              |
| Direct: Peak Candela & Angle (90deg)     | 691.7   | 0.0       |              |
| Spacing Criteria (0deg, 90deg, 180deg)   | 1.24  | 1.22      | N/A          |
| Indirect: Peak Candela & Angle           | 1485.7  | 112.5     |              |
| Indirect: Zenith Candela, Peak to Zenith | 830.5   | 1.79      |              |
| Luminous Length, Width, Height (ft)      | 3.89  | 0.56 0.00 |              |
| UGR (4H x 8H, 0.25H)                     | N/A   |           |              |
| Ballast Factor, Multiplication Factor    | 1.000   | 1.000     |              |
| DLC (120/277), DLC (347)                 | Premium   | Premium   |              |
| x, y, CCT, Duv                           | 0.4285  | 0.4003    | 3117 -0.0003 |
| CRI (Ra), R9                             | 83  |           | 9            |
| 120V: P(W), I(A), THD(%), PF             | 53.4  | 0.449     | 9.9 0.990    |
| 277V: P(W), I(A), THD(%), PF             | 52.5  | 0.193     | 10.4 0.982   |
| 347V: P(W), I(A), THD(%), PF             | 52.4  | 0.155     | 8.8 0.975    |

| COEFFICIENTS OF UTILIZATION (%) |    |     |     |     |     |    |    |    |    |    |    |    |   |
|---------------------------------|----|-----|-----|-----|-----|----|----|----|----|----|----|----|---|
| Pc---                           | 80 |     |     |     | 70  |    |    |    | 50 |    |    |    | 0 |
| Pw---                           | 70 | 50  | 30  | 10  | 70  | 50 | 30 | 50 | 30 | 10 | 0  | 0  |   |
| RCR                             | 0  | 101 | 101 | 101 | 101 | 90 | 90 | 90 | 70 | 70 | 70 | 26 |   |
|                                 | 1  | 92  | 88  | 84  | 81  | 82 | 79 | 76 | 61 | 59 | 57 | 22 |   |
|                                 | 2  | 84  | 77  | 71  | 66  | 75 | 69 | 64 | 53 | 50 | 47 | 18 |   |
|                                 | 3  | 77  | 67  | 60  | 55  | 68 | 60 | 54 | 47 | 43 | 39 | 15 |   |
|                                 | 4  | 70  | 60  | 52  | 46  | 62 | 53 | 47 | 42 | 37 | 33 | 13 |   |
|                                 | 5  | 64  | 53  | 45  | 39  | 57 | 47 | 41 | 37 | 32 | 29 | 11 |   |
|                                 | 6  | 59  | 47  | 39  | 34  | 52 | 42 | 36 | 33 | 28 | 25 | 10 |   |
|                                 | 7  | 54  | 42  | 35  | 29  | 48 | 38 | 32 | 30 | 25 | 22 | 9  |   |
|                                 | 8  | 50  | 38  | 31  | 26  | 45 | 35 | 28 | 27 | 22 | 19 | 8  |   |
|                                 | 9  | 47  | 35  | 28  | 23  | 41 | 31 | 25 | 25 | 20 | 17 | 7  |   |
|                                 | 10 | 43  | 32  | 25  | 20  | 39 | 29 | 23 | 23 | 18 | 15 | 6  |   |

\*Based on a floor reflectance of 0.2

| ZONAL LUMEN SUMMARY |        |          |        |
|---------------------|--------|----------|--------|
| Zone                | Lumens | %Fixture | %Lamp  |
| 0-30                | 533    | 7.2%     | 7.2%   |
| 0-40                | 869    | 11.8%    | 11.8%  |
| 0-60                | 1524   | 20.6%    | 20.6%  |
| 0-90                | 1923   | 26.0%    | 26.0%  |
| 90-130              | 3100   | 42.0%    | 42.0%  |
| 90-150              | 4641   | 62.8%    | 62.8%  |
| 90-180              | 5465   | 74.0%    | 74.0%  |
| 0-180               | 7388   | 100.0%   | 100.0% |

| AVG LUMINANCE (cd/m <sup>2</sup> ) |      |      |      |
|------------------------------------|------|------|------|
|                                    | 0    | 45   | 90   |
| 0                                  | 3417 | 3417 | 3417 |
| 5                                  | 3404 | 3406 | 3411 |
| 15                                 | 3364 | 3376 | 3355 |
| 25                                 | 3332 | 3318 | 3278 |
| 35                                 | 3269 | 3212 | 3170 |
| 45                                 | 3179 | 3103 | 3051 |
| 55                                 | 3005 | 2931 | 2870 |
| 65                                 | 2833 | 2694 | 2606 |
| 75                                 | 2489 | 2271 | 2179 |
| 85                                 | 1876 | 1405 | 1065 |



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