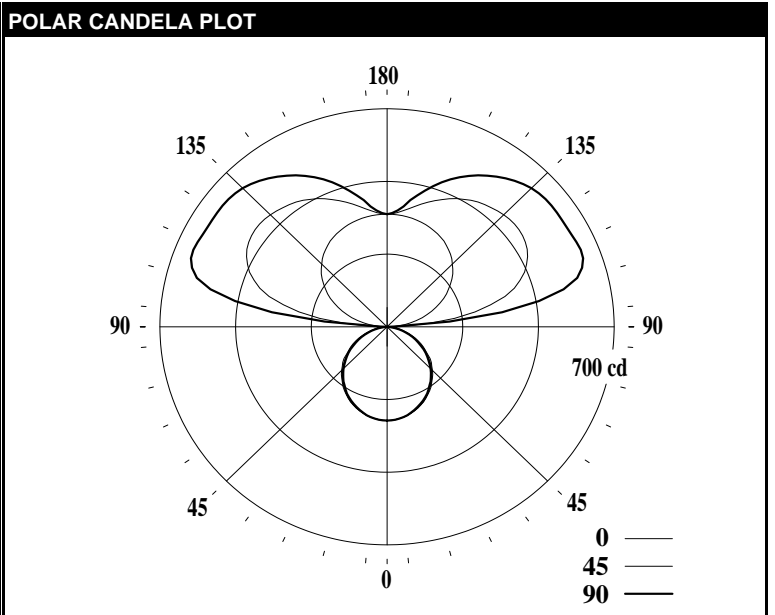


LEDALITE - FLOATPLANE

| | | | |
|--------------------------------|---------------|--------------------------------------|---------------------------|
| TEST DATE: | 17 Sep 2019 | CATALOG NO: | 24x5LAEAA04 |
| Lamp Type: | LED | Description: | FLOATPLANE STD 3200LM 840 |
| No. of Lamps: | 176 | | |
| Rated Lamp Lumens: | -1 | Flux (lm), Efficiency (%): | 3215 lm 100.0% |
| Input Watts: | 277 VAC 22.3 | Up/Dn Ratio, Efficacy (lm/W): | 74% Up / 26% Dn 144.2 |
| CIE-IES Classification: | Semi-Indirect | Report: | LNG00004 |

| CANDELA DISTRIBUTION | | | | | | Flux |
|----------------------|-----|------|-----|------|-----|--------|
| | 0 | 22.5 | 45 | 67.5 | 90 | Lumens |
| 0 | 301 | 301 | 301 | 301 | 301 | |
| 5 | 299 | 300 | 299 | 299 | 299 | 28 |
| 15 | 286 | 289 | 287 | 288 | 285 | 81 |
| 25 | 266 | 269 | 265 | 265 | 262 | 122 |
| 35 | 236 | 238 | 232 | 233 | 229 | 146 |
| 45 | 198 | 200 | 193 | 193 | 190 | 151 |
| 55 | 152 | 155 | 148 | 149 | 145 | 134 |
| 65 | 106 | 108 | 100 | 101 | 97 | 101 |
| 75 | 57 | 59 | 52 | 53 | 50 | 57 |
| 85 | 14 | 17 | 11 | 10 | 8 | 15 |
| 90 | 0 | 0 | 0 | 0 | 0 | |
| 95 | 36 | 64 | 133 | 119 | 194 | 124 |
| 105 | 113 | 172 | 376 | 509 | 607 | 365 |
| 115 | 180 | 280 | 475 | 598 | 644 | 436 |
| 125 | 239 | 343 | 510 | 603 | 639 | 424 |
| 135 | 284 | 372 | 509 | 598 | 630 | 374 |
| 145 | 319 | 383 | 489 | 565 | 589 | 297 |
| 155 | 341 | 381 | 454 | 514 | 530 | 207 |
| 165 | 354 | 373 | 408 | 446 | 453 | 116 |
| 175 | 361 | 364 | 368 | 378 | 375 | 36 |
| 180 | 361 | 361 | 361 | 361 | 361 | |



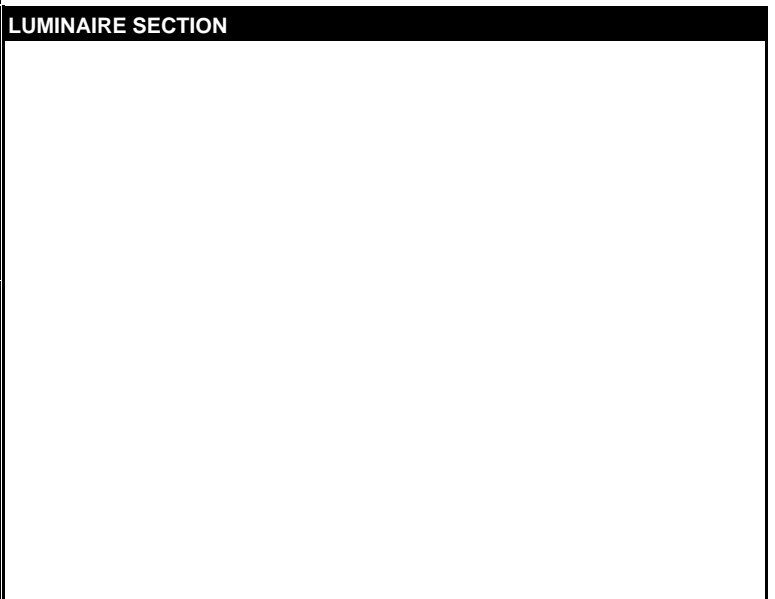
| CHARACTERISTICS | | | |
|--|---|-----------|-------------|
| RP1 | Meets RP-1-12 recommendations for VDT-Critical spaces | | |
| Direct: Peak Candela & Angle (0deg) | 301.0 | 0.0 | |
| Direct: Peak Candela & Angle (90deg) | 301.0 | 0.0 | |
| Spacing Criteria (0deg, 90deg, 180deg) | 1.24 | 1.22 | N/A |
| Indirect: Peak Candela & Angle | 646.4 | 112.5 | |
| Indirect: Zenith Candela, Peak to Zenith | 361.4 | 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 | 0.3772 | 0.3749 | 4077 0.0001 |
| CRI (Ra), R9 | 82 | 10 | |
| 120V: P(W), I(A), THD(%), PF | 22.3 | 0.186 | 11.6 0.997 |
| 277V: P(W), I(A), THD(%), PF | 22.3 | 0.086 | 12.7 0.938 |
| 347V: P(W), I(A), THD(%), PF | 22.3 | 0.068 | 9.6 0.952 |

| 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 | 232 | 7.2% | 7.2% |
| 0-40 | 378 | 11.8% | 11.8% |
| 0-60 | 663 | 20.6% | 20.6% |
| 0-90 | 837 | 26.0% | 26.0% |
| 90-130 | 1349 | 42.0% | 42.0% |
| 90-150 | 2019 | 62.8% | 62.8% |
| 90-180 | 2378 | 74.0% | 74.0% |
| 0-180 | 3215 | 100.0% | 100.0% |

| AVG LUMINANCE (cd/m ²) | | | |
|------------------------------------|------|------|------|
| | 0 | 45 | 90 |
| 0 | 1487 | 1487 | 1487 |
| 5 | 1481 | 1482 | 1484 |
| 15 | 1464 | 1469 | 1459 |
| 25 | 1450 | 1444 | 1426 |
| 35 | 1422 | 1397 | 1379 |
| 45 | 1383 | 1350 | 1327 |
| 55 | 1308 | 1275 | 1249 |
| 65 | 1233 | 1172 | 1134 |
| 75 | 1084 | 989 | 948 |
| 85 | 816 | 612 | 465 |



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