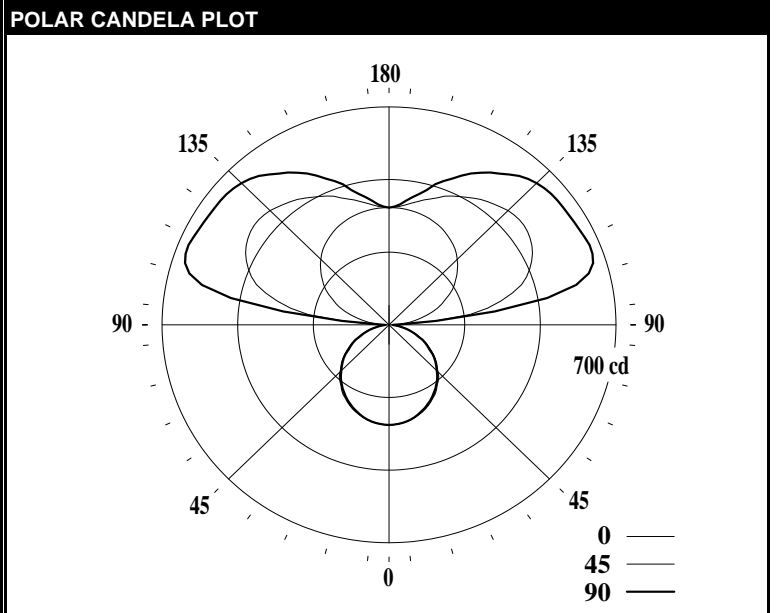


LEDALITE - FLOATPLANE

| | | | |
|--------------------------------|---------------|--------------------------------------|--|
| TEST DATE: | 10 Jan 2019 | CATALOG NO: | 24x5L827EAA |
| Lamp Type: | LED | Description: | FLOATPLANE SUSPENDED 70% UP STD TW 827 |
| No. of Lamps: | 4 | | |
| Rated Lamp Lumens: | -1 | Flux (lm), Efficiency (%): | 3363 lm 100.0% |
| Input Watts: | 120 VAC 29.1 | Up/Dn Ratio, Efficacy (lm/W): | 73% Up / 27% Dn 115.6 |
| CIE-IES Classification: | Semi-Indirect | Report (Ele, Col, Photo): | FP32 FP32Color 9905567 |

| CANDELA DISTRIBUTION | | | | | | |
|----------------------|------|------|-----|------|-----|--------|
| | Flux | | | | | |
| | 0 | 22.5 | 45 | 67.5 | 90 | Lumens |
| 0 | 322 | 322 | 322 | 322 | 322 | |
| 5 | 320 | 319 | 320 | 319 | 320 | 30 |
| 15 | 308 | 306 | 308 | 304 | 307 | 86 |
| 25 | 286 | 281 | 284 | 278 | 281 | 130 |
| 35 | 255 | 247 | 251 | 244 | 250 | 156 |
| 45 | 214 | 206 | 212 | 204 | 208 | 161 |
| 55 | 168 | 159 | 164 | 156 | 164 | 144 |
| 65 | 117 | 109 | 114 | 106 | 114 | 109 |
| 75 | 63 | 55 | 62 | 53 | 62 | 62 |
| 85 | 19 | 11 | 18 | 14 | 19 | 20 |
| 90 | 8 | 13 | 11 | 12 | 12 | |
| 95 | 43 | 82 | 142 | 106 | 146 | 138 |
| 105 | 121 | 184 | 394 | 569 | 638 | 395 |
| 115 | 191 | 286 | 486 | 622 | 666 | 450 |
| 125 | 251 | 348 | 522 | 624 | 656 | 436 |
| 135 | 297 | 376 | 519 | 615 | 644 | 382 |
| 145 | 332 | 387 | 492 | 573 | 593 | 301 |
| 155 | 355 | 389 | 456 | 514 | 529 | 209 |
| 165 | 369 | 384 | 415 | 449 | 448 | 118 |
| 175 | 376 | 378 | 382 | 391 | 388 | 37 |
| 180 | 377 | 377 | 377 | 377 | 377 | |



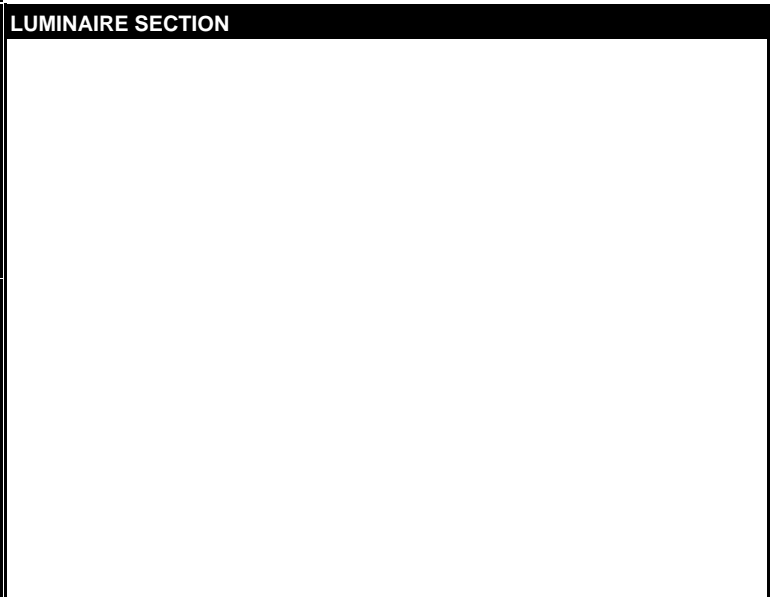
| CHARACTERISTICS | | | |
|--|---|--------|--------------|
| RP1 | Meets RP-1-12 recommendations for VDT-Critical spaces | | |
| Direct: Peak Candela & Angle (0deg) | 321.5 | 0.0 | |
| Direct: Peak Candela & Angle (90deg) | 321.5 | 0.0 | |
| Spacing Criteria (0deg, 90deg, 180deg) | 1.26 | 1.23 | N/A |
| Indirect: Peak Candela & Angle | 669.5 | 112.5 | |
| Indirect: Zenith Candela, Peak to Zenith | 376.5 | 1.78 | |
| Luminous Length, Width, Height (ft) | 3.9400 | 0.5900 | 0.1000 |
| UGR (4H x 8H, 0.25H) | N/A | | |
| Ballast Factor, Multiplication Factor | 1.000 | 1.000 | |
| DesignLights Consortium | N/A | | |
| x, y, CCT, Duv | 0.4551 | 0.4066 | 2736 -0.0011 |
| CRI (Ra), R9 | 83 | | 9 |
| 120V: P(W), I(A), THD(%), PF | 29.1 | 0.244 | 10.8 0.992 |
| 277V: P(W), I(A), THD(%), PF | 28.9 | 0.112 | 16.8 0.930 |
| 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 | 70 | 70 | 70 | 27 | |
| | 1 | 92 | 88 | 84 | 81 | 82 | 79 | 76 | 61 | 59 | 57 | 22 | |
| | 2 | 84 | 77 | 71 | 66 | 75 | 69 | 64 | 54 | 50 | 47 | 19 | |
| | 3 | 77 | 67 | 60 | 55 | 68 | 60 | 54 | 47 | 43 | 40 | 16 | |
| | 4 | 70 | 60 | 52 | 46 | 62 | 53 | 47 | 42 | 37 | 34 | 13 | |
| | 5 | 64 | 53 | 45 | 39 | 57 | 47 | 41 | 37 | 32 | 29 | 12 | |
| | 6 | 59 | 47 | 39 | 34 | 52 | 42 | 36 | 33 | 29 | 25 | 10 | |
| | 7 | 54 | 42 | 35 | 29 | 48 | 38 | 32 | 30 | 25 | 22 | 9 | |
| | 8 | 50 | 38 | 31 | 26 | 45 | 35 | 28 | 27 | 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 | 6 | |

*Based on a floor reflectance of 0.2

| ZONAL LUMEN SUMMARY | | | |
|---------------------|--------|----------|--------|
| Zone | Lumens | %Fixture | %Lamp |
| 0-30 | 247 | 7.3% | 7.3% |
| 0-40 | 402 | 12.0% | 12.0% |
| 0-60 | 707 | 21.0% | 21.0% |
| 0-90 | 898 | 26.7% | 26.7% |
| 90-130 | 1419 | 42.2% | 42.2% |
| 90-150 | 2102 | 62.5% | 62.5% |
| 90-180 | 2465 | 73.3% | 73.3% |
| 0-180 | 3363 | 100.0% | 100.0% |

| AVG LUMINANCE (cd/m ²) | | | |
|------------------------------------|------|------|------|
| | 0 | 45 | 90 |
| 0 | 1488 | 1488 | 1488 |
| 5 | 1483 | 1468 | 1463 |
| 15 | 1465 | 1424 | 1406 |
| 25 | 1444 | 1364 | 1332 |
| 35 | 1415 | 1294 | 1261 |
| 45 | 1366 | 1217 | 1165 |
| 55 | 1308 | 1103 | 1065 |
| 65 | 1219 | 960 | 914 |
| 75 | 1034 | 733 | 675 |
| 85 | 770 | 375 | 349 |



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