

Day-Brite

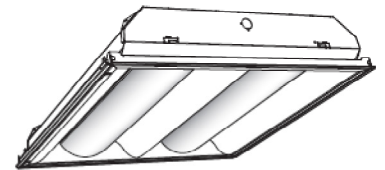
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 25897.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 25897
[DATE] 01/09/2006
[LUMCAT] 2ATNG217-DO-1/2-EB
[LUMINAIRE] DAY-BRITE 2X2 ATTUNE STANDARD DIST
[MORE] W/DIFFUSE & OVERLAY
[LAMP] F17T8
[BALLAST] TRIAD B232I120RH-A
[MANUFAC] PHILIPS DAY-BRITE
[TESTLAB] PHILIPS DAY-BRITE PHOTOMETRIC LABORATORY, TUPELO, MS
[MORE] NVLAP LABORATORY CODE 200016-0
[ISSUEDATE] 1/9/2006
[_TEST_LEVEL]
[_TIFF_FILE_NAME]
[_VERSION] fo2ies 3.0d(90)
[OTHER] Test distance = 26 ft.
[MORE] Shielding angle: normal 90, Parallel 90

CHARACTERISTICS

| | |
|---------------------------------|----------------|
| Lumens Per Lamp | 1325 (2 lamps) |
| Total Lamp Lumens | 2650 |
| Luminaire Lumens | 1691 |
| Total Luminaire Efficiency | 64 % |
| Luminaire Efficacy Rating (LER) | 41 |
| Total Luminaire Watts | 36 |
| Ballast Factor | 0.88 |
| CIE Type | Direct |
| Spacing Criterion (0-180) | 1.20 |
| Spacing Criterion (90-270) | 1.26 |
| Spacing Criterion (Diagonal) | 1.34 |
| Basic Luminous Shape | Rectangular |
| Luminous Length (0-180) | 1.83 ft |
| Luminous Width (90-270) | 1.83 ft |
| Luminous Height | 0.00 ft |



IES INDOOR REPORT
PHOTOMETRIC FILENAME : 25897.IES

LUMINANCE DATA (cd/sq.m)

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|---------------------|------------------|-------------------|-------------------|
| 45 | 1688 | 1819 | 1968 |
| 55 | 1501 | 1735 | 1874 |
| 65 | 1279 | 1552 | 1597 |
| 75 | 1001 | 1224 | 1236 |
| 85 | 551 | 514 | 367 |

**IES INDOOR REPORT
PHOTOMETRIC FILENAME : 25897.IES**

CANDELA TABULATION

| | <u>0.0</u> | <u>22.5</u> | <u>45.0</u> | <u>67.5</u> | <u>90.0</u> |
|-------------|------------|-------------|-------------|-------------|-------------|
| 0.0 | 638 | 638 | 638 | 638 | 638 |
| 2.5 | 641 | 638 | 635 | 635 | 636 |
| 5.0 | 638 | 635 | 634 | 633 | 634 |
| 7.5 | 633 | 631 | 629 | 629 | 630 |
| 10.0 | 629 | 626 | 624 | 625 | 626 |
| 12.5 | 621 | 618 | 618 | 617 | 617 |
| 15.0 | 609 | 608 | 607 | 608 | 610 |
| 17.5 | 597 | 596 | 596 | 598 | 601 |
| 20.0 | 584 | 583 | 585 | 589 | 590 |
| 22.5 | 569 | 568 | 571 | 576 | 580 |
| 25.0 | 552 | 553 | 557 | 563 | 567 |
| 27.5 | 533 | 534 | 540 | 547 | 552 |
| 30.0 | 514 | 516 | 524 | 534 | 538 |
| 32.5 | 493 | 495 | 505 | 518 | 523 |
| 35.0 | 472 | 473 | 487 | 501 | 506 |
| 37.5 | 447 | 451 | 466 | 482 | 489 |
| 40.0 | 422 | 427 | 445 | 464 | 472 |
| 42.5 | 398 | 403 | 423 | 444 | 453 |
| 45.0 | 373 | 380 | 402 | 425 | 435 |
| 47.5 | 347 | 356 | 381 | 406 | 414 |
| 50.0 | 321 | 330 | 357 | 383 | 392 |
| 52.5 | 294 | 304 | 334 | 360 | 363 |
| 55.0 | 269 | 279 | 311 | 330 | 336 |
| 57.5 | 242 | 255 | 288 | 300 | 302 |
| 60.0 | 217 | 229 | 261 | 270 | 272 |
| 62.5 | 193 | 205 | 232 | 241 | 244 |
| 65.0 | 169 | 183 | 205 | 207 | 211 |
| 67.5 | 145 | 159 | 177 | 183 | 185 |
| 70.0 | 122 | 136 | 149 | 154 | 154 |
| 72.5 | 101 | 114 | 123 | 125 | 125 |
| 75.0 | 81 | 91 | 99 | 98 | 100 |
| 77.5 | 62 | 71 | 73 | 73 | 72 |
| 80.0 | 43 | 50 | 50 | 50 | 49 |
| 82.5 | 27 | 33 | 30 | 29 | 28 |
| 85.0 | 15 | 17 | 14 | 11 | 10 |
| 87.5 | 5 | 4 | 2 | 1 | 1 |
| 90.0 | 1 | 0 | 0 | 0 | 0 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 25897.IES

ZONAL LUMEN SUMMARY

| Zone | Lumens | %Lamp | %Fixt |
|--------|---------|-------|--------|
| 0-30 | 488.68 | 18.40 | 28.90 |
| 0-40 | 793.34 | 29.90 | 46.90 |
| 0-60 | 1376.58 | 51.90 | 81.40 |
| 0-90 | 1691.29 | 63.80 | 100.00 |
| 90-120 | 0.00 | 0.00 | 0.00 |
| 90-130 | 0.00 | 0.00 | 0.00 |
| 90-150 | 0.00 | 0.00 | 0.00 |
| 90-180 | 0.00 | 0.00 | 0.00 |
| 0-180 | 1691.29 | 63.80 | 100.00 |

Total Luminaire Efficiency = 63.80%

ZONAL LUMEN SUMMARY

| Zone | Lumens |
|---------|--------|
| 0-10 | 60.26 |
| 10-20 | 171.57 |
| 20-30 | 256.85 |
| 30-40 | 304.67 |
| 40-50 | 310.53 |
| 50-60 | 272.70 |
| 60-70 | 195.14 |
| 70-80 | 100.40 |
| 80-90 | 19.18 |
| 90-100 | 0.00 |
| 100-110 | 0.00 |
| 110-120 | 0.00 |
| 120-130 | 0.00 |
| 130-140 | 0.00 |
| 140-150 | 0.00 |
| 150-160 | 0.00 |
| 160-170 | 0.00 |
| 170-180 | 0.00 |

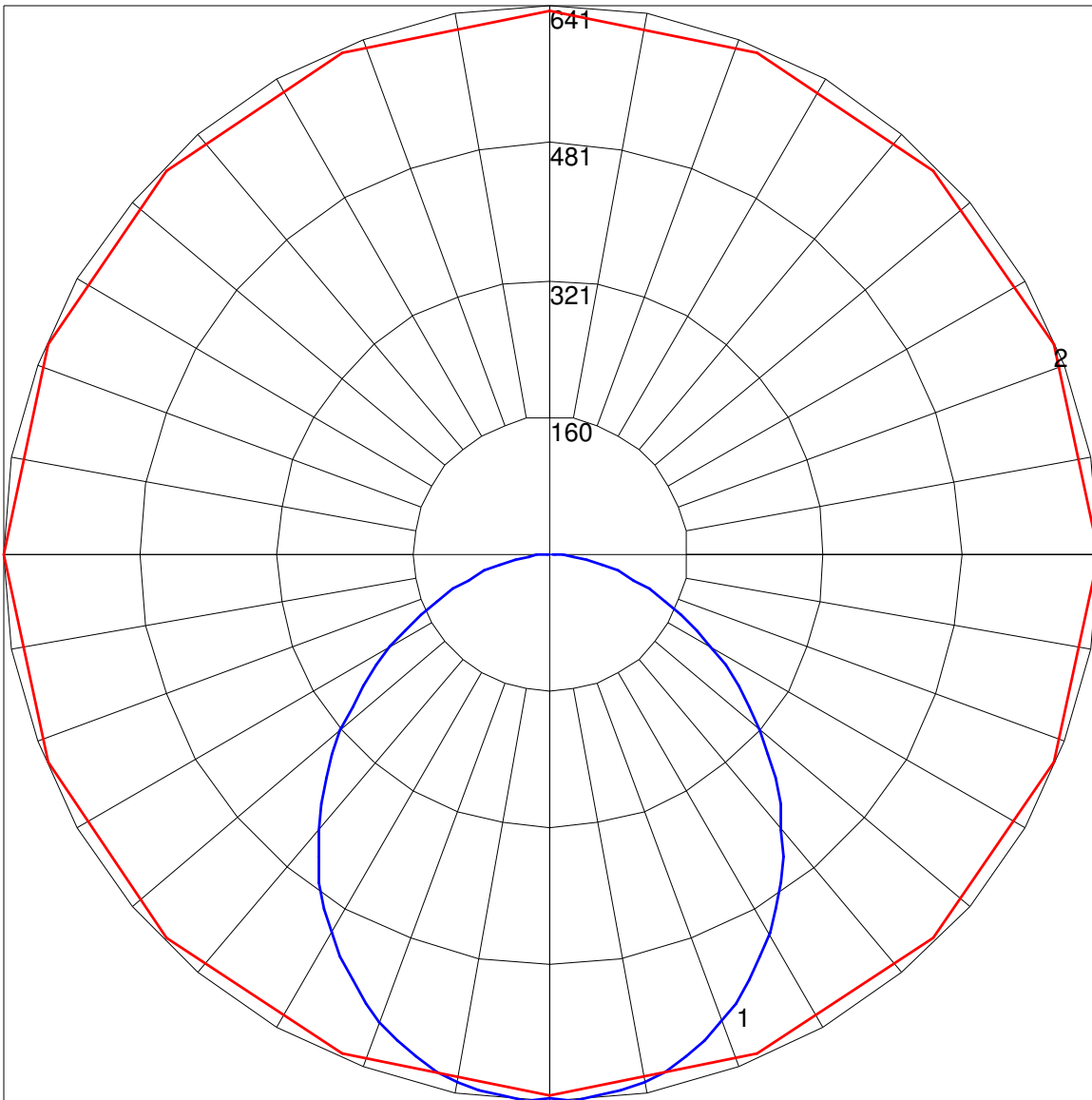
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 25897.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

| RC | 80 | | | | 70 | | | | 50 | | | 30 | | | 10 | | | 0 | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| 0 | 76 | 76 | 76 | 76 | 74 | 74 | 74 | 74 | 71 | 71 | 71 | 68 | 68 | 68 | 65 | 65 | 65 | 64 | 64 |
| 1 | 70 | 67 | 64 | 62 | 68 | 65 | 63 | 61 | 63 | 61 | 59 | 60 | 59 | 57 | 58 | 57 | 55 | 54 | 54 |
| 2 | 64 | 58 | 54 | 51 | 62 | 57 | 53 | 50 | 55 | 52 | 49 | 53 | 50 | 48 | 51 | 49 | 47 | 45 | 45 |
| 3 | 58 | 51 | 46 | 42 | 56 | 50 | 46 | 42 | 49 | 45 | 41 | 47 | 43 | 41 | 45 | 42 | 40 | 38 | 38 |
| 4 | 53 | 46 | 40 | 36 | 52 | 45 | 40 | 36 | 43 | 39 | 35 | 42 | 38 | 35 | 40 | 37 | 34 | 33 | 33 |
| 5 | 49 | 41 | 35 | 31 | 48 | 40 | 35 | 31 | 39 | 34 | 31 | 38 | 33 | 30 | 36 | 33 | 30 | 29 | 29 |
| 6 | 45 | 37 | 31 | 27 | 44 | 36 | 31 | 27 | 35 | 30 | 27 | 34 | 30 | 27 | 33 | 29 | 26 | 25 | 25 |
| 7 | 42 | 33 | 28 | 24 | 41 | 33 | 28 | 24 | 32 | 27 | 24 | 31 | 27 | 24 | 30 | 26 | 23 | 22 | 22 |
| 8 | 39 | 31 | 25 | 21 | 38 | 30 | 25 | 21 | 29 | 25 | 21 | 28 | 24 | 21 | 28 | 24 | 21 | 20 | 20 |
| 9 | 37 | 28 | 23 | 19 | 36 | 28 | 23 | 19 | 27 | 22 | 19 | 26 | 22 | 19 | 26 | 22 | 19 | 18 | 18 |
| 10 | 34 | 26 | 21 | 18 | 33 | 26 | 21 | 18 | 25 | 20 | 17 | 24 | 20 | 17 | 24 | 20 | 17 | 16 | 16 |

POLAR GRAPH



Maximum Candela = 641 Located At Horizontal Angle = 0, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)