



IES INDOOR REPORT
PHOTOMETRIC FILENAME : BRITE-4-835-U10-XX-WA.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] LLIA001669-014
 [TESTLAB] LightLab International Allentown, LLC
 [ISSUEDATE] 4/7/2022
 [MANUFAC] Lux Dynamics
 [LUMCAT] BRITE-4-835-U10-SM-WA
 [LUMINAIRE] BRITE Line LED Fixture, 4' Length, 3500K, White Acrylic Lens
 [LAMP] 360 LEDs on two white Osram PrevaLED LED boards
 [BALLAST] Two Osram OTi85/120-277/2A3 DIM L HB LED drivers labeled as 1100mA
 [OTHER] 277.0Vac, 60.00Hz, 0.4452A, 118.4W, 0.960PF, 13.3%THD(i)
 [OTHER] This test was performed using the absolute method of photometry.
 [MORE] Lamp lumens value was set to -1

CHARACTERISTICS

| | |
|---------------------------------|---------------------|
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 15628 |
| Total Luminaire Efficiency | N.A. |
| Luminaire Efficacy Rating (LER) | 132 |
| Total Luminaire Watts | 118.36 |
| Ballast Factor | 1.00 |
| CIE Type | Semi-Direct |
| Spacing Criterion (0-180) | 1.20 |
| Spacing Criterion (90-270) | 1.30 |
| Spacing Criterion (Diagonal) | 1.36 |
| Basic Luminous Shape | Rectangular w/Sides |
| Luminous Length (0-180) | 3.79 ft |
| Luminous Width (90-270) | 0.21 ft |
| Luminous Height | 0.06 ft |

LUMINANCE DATA (cd/sq.m)

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|------------------|---------------|----------------|----------------|
| 45 | 51343 | 46084 | 47195 |
| 55 | 47624 | 41731 | 44287 |
| 65 | 42709 | 37575 | 41991 |
| 75 | 34474 | 34126 | 39984 |
| 85 | 18274 | 31879 | 39512 |

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CANDELA TABULATION

| | <u>0.0</u> | <u>22.5</u> | <u>45.0</u> | <u>67.5</u> | <u>90.0</u> |
|-------------|------------|-------------|-------------|-------------|-------------|
| 0.0 | 4511 | 4511 | 4511 | 4511 | 4511 |
| 0.5 | 4509 | 4509 | 4510 | 4512 | 4514 |
| 1.0 | 4507 | 4506 | 4509 | 4513 | 4516 |
| 1.5 | 4504 | 4504 | 4507 | 4513 | 4518 |
| 2.0 | 4500 | 4500 | 4505 | 4513 | 4519 |
| 2.5 | 4496 | 4496 | 4502 | 4512 | 4520 |
| 3.0 | 4491 | 4492 | 4499 | 4512 | 4522 |
| 3.5 | 4486 | 4486 | 4496 | 4511 | 4522 |
| 4.0 | 4480 | 4480 | 4491 | 4508 | 4523 |
| 4.5 | 4474 | 4474 | 4487 | 4508 | 4522 |
| 5.0 | 4467 | 4468 | 4483 | 4506 | 4522 |
| 5.5 | 4462 | 4462 | 4479 | 4501 | 4518 |
| 6.0 | 4455 | 4456 | 4473 | 4497 | 4514 |
| 6.5 | 4449 | 4450 | 4466 | 4491 | 4510 |
| 7.0 | 4441 | 4443 | 4461 | 4486 | 4504 |
| 7.5 | 4434 | 4435 | 4454 | 4480 | 4499 |
| 8.0 | 4424 | 4427 | 4448 | 4474 | 4494 |
| 8.5 | 4415 | 4419 | 4439 | 4468 | 4488 |
| 9.0 | 4407 | 4410 | 4432 | 4460 | 4481 |
| 9.5 | 4396 | 4400 | 4423 | 4453 | 4475 |
| 10.0 | 4387 | 4390 | 4414 | 4446 | 4467 |
| 10.5 | 4376 | 4380 | 4405 | 4438 | 4459 |
| 11.0 | 4363 | 4369 | 4395 | 4429 | 4451 |
| 11.5 | 4351 | 4358 | 4384 | 4421 | 4443 |
| 12.0 | 4339 | 4346 | 4374 | 4412 | 4434 |
| 12.5 | 4325 | 4334 | 4364 | 4403 | 4426 |
| 13.0 | 4313 | 4320 | 4351 | 4393 | 4416 |
| 13.5 | 4299 | 4307 | 4340 | 4382 | 4407 |
| 14.0 | 4285 | 4294 | 4328 | 4372 | 4397 |
| 14.5 | 4270 | 4279 | 4315 | 4360 | 4387 |
| 15.0 | 4254 | 4264 | 4303 | 4349 | 4376 |
| 15.5 | 4239 | 4249 | 4290 | 4338 | 4364 |
| 16.0 | 4222 | 4234 | 4276 | 4326 | 4353 |
| 16.5 | 4205 | 4218 | 4262 | 4313 | 4342 |
| 17.0 | 4188 | 4202 | 4247 | 4301 | 4330 |
| 17.5 | 4170 | 4185 | 4232 | 4288 | 4316 |
| 18.0 | 4152 | 4167 | 4217 | 4274 | 4303 |
| 18.5 | 4134 | 4150 | 4201 | 4261 | 4291 |
| 19.0 | 4115 | 4132 | 4185 | 4246 | 4277 |
| 19.5 | 4096 | 4113 | 4168 | 4231 | 4264 |
| 20.0 | 4076 | 4094 | 4152 | 4216 | 4249 |
| 20.5 | 4056 | 4075 | 4135 | 4201 | 4235 |
| 21.0 | 4035 | 4055 | 4117 | 4185 | 4220 |
| 21.5 | 4015 | 4035 | 4099 | 4170 | 4206 |
| 22.0 | 3992 | 4014 | 4081 | 4154 | 4190 |
| 22.5 | 3971 | 3994 | 4062 | 4137 | 4174 |
| 23.0 | 3949 | 3972 | 4043 | 4120 | 4158 |
| 23.5 | 3927 | 3951 | 4023 | 4103 | 4141 |
| 24.0 | 3905 | 3928 | 4003 | 4086 | 4126 |
| 24.5 | 3880 | 3906 | 3983 | 4067 | 4108 |
| 25.0 | 3857 | 3883 | 3963 | 4049 | 4090 |
| 25.5 | 3833 | 3861 | 3942 | 4031 | 4073 |
| 26.0 | 3809 | 3838 | 3921 | 4012 | 4055 |
| 26.5 | 3784 | 3814 | 3899 | 3992 | 4036 |

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| | | | | | |
|------|------|------|------|------|------|
| 27.0 | 3761 | 3790 | 3878 | 3973 | 4019 |
| 27.5 | 3736 | 3765 | 3856 | 3953 | 3999 |
| 28.0 | 3709 | 3742 | 3834 | 3935 | 3980 |
| 28.5 | 3685 | 3717 | 3811 | 3914 | 3960 |
| 29.0 | 3658 | 3692 | 3788 | 3893 | 3941 |
| 29.5 | 3632 | 3666 | 3765 | 3872 | 3921 |
| 30.0 | 3605 | 3640 | 3742 | 3851 | 3900 |
| 30.5 | 3578 | 3614 | 3718 | 3830 | 3880 |
| 31.0 | 3551 | 3587 | 3694 | 3808 | 3859 |
| 31.5 | 3523 | 3562 | 3669 | 3786 | 3838 |
| 32.0 | 3496 | 3535 | 3645 | 3764 | 3817 |
| 32.5 | 3468 | 3508 | 3620 | 3741 | 3795 |
| 33.0 | 3440 | 3480 | 3595 | 3719 | 3774 |
| 33.5 | 3411 | 3453 | 3570 | 3695 | 3752 |
| 34.0 | 3382 | 3426 | 3544 | 3673 | 3728 |
| 34.5 | 3354 | 3397 | 3518 | 3649 | 3705 |
| 35.0 | 3324 | 3369 | 3492 | 3626 | 3683 |
| 35.5 | 3295 | 3341 | 3466 | 3601 | 3660 |
| 36.0 | 3265 | 3313 | 3439 | 3577 | 3637 |
| 36.5 | 3236 | 3283 | 3413 | 3554 | 3614 |
| 37.0 | 3206 | 3255 | 3386 | 3528 | 3589 |
| 37.5 | 3177 | 3226 | 3358 | 3504 | 3566 |
| 38.0 | 3146 | 3196 | 3331 | 3479 | 3541 |
| 38.5 | 3116 | 3167 | 3303 | 3454 | 3517 |
| 39.0 | 3085 | 3137 | 3275 | 3428 | 3493 |
| 39.5 | 3054 | 3108 | 3247 | 3404 | 3468 |
| 40.0 | 3024 | 3077 | 3219 | 3378 | 3442 |
| 40.5 | 2992 | 3048 | 3191 | 3352 | 3417 |
| 41.0 | 2961 | 3018 | 3163 | 3326 | 3392 |
| 41.5 | 2930 | 2987 | 3135 | 3299 | 3366 |
| 42.0 | 2899 | 2957 | 3106 | 3272 | 3341 |
| 42.5 | 2867 | 2926 | 3077 | 3245 | 3315 |
| 43.0 | 2835 | 2896 | 3048 | 3219 | 3290 |
| 43.5 | 2803 | 2864 | 3019 | 3191 | 3264 |
| 44.0 | 2772 | 2834 | 2990 | 3165 | 3239 |
| 44.5 | 2740 | 2802 | 2960 | 3136 | 3214 |
| 45.0 | 2707 | 2771 | 2930 | 3110 | 3189 |
| 45.5 | 2675 | 2740 | 2901 | 3083 | 3163 |
| 46.0 | 2643 | 2707 | 2871 | 3056 | 3138 |
| 46.5 | 2611 | 2676 | 2841 | 3029 | 3113 |
| 47.0 | 2578 | 2644 | 2811 | 3002 | 3087 |
| 47.5 | 2546 | 2612 | 2781 | 2975 | 3061 |
| 48.0 | 2513 | 2580 | 2751 | 2948 | 3034 |
| 48.5 | 2481 | 2548 | 2721 | 2921 | 3010 |
| 49.0 | 2448 | 2516 | 2690 | 2894 | 2984 |
| 49.5 | 2415 | 2484 | 2659 | 2867 | 2957 |
| 50.0 | 2383 | 2452 | 2629 | 2841 | 2932 |
| 50.5 | 2350 | 2419 | 2598 | 2813 | 2906 |
| 51.0 | 2317 | 2387 | 2567 | 2787 | 2879 |
| 51.5 | 2284 | 2354 | 2536 | 2759 | 2853 |
| 52.0 | 2251 | 2321 | 2506 | 2732 | 2827 |
| 52.5 | 2217 | 2288 | 2474 | 2704 | 2801 |
| 53.0 | 2184 | 2256 | 2444 | 2677 | 2774 |
| 53.5 | 2150 | 2223 | 2413 | 2649 | 2748 |
| 54.0 | 2118 | 2190 | 2383 | 2621 | 2722 |
| 54.5 | 2085 | 2158 | 2353 | 2595 | 2696 |

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| | | | | | |
|------|------|------|------|------|------|
| 55.0 | 2051 | 2125 | 2322 | 2567 | 2669 |
| 55.5 | 2018 | 2092 | 2293 | 2540 | 2644 |
| 56.0 | 1984 | 2058 | 2262 | 2512 | 2616 |
| 56.5 | 1950 | 2026 | 2232 | 2485 | 2590 |
| 57.0 | 1917 | 1992 | 2202 | 2457 | 2564 |
| 57.5 | 1883 | 1960 | 2172 | 2429 | 2537 |
| 58.0 | 1849 | 1926 | 2141 | 2402 | 2510 |
| 58.5 | 1815 | 1893 | 2112 | 2375 | 2484 |
| 59.0 | 1781 | 1861 | 2082 | 2348 | 2457 |
| 59.5 | 1747 | 1827 | 2052 | 2320 | 2432 |
| 60.0 | 1713 | 1794 | 2023 | 2293 | 2405 |
| 60.5 | 1679 | 1761 | 1992 | 2265 | 2379 |
| 61.0 | 1645 | 1728 | 1963 | 2239 | 2353 |
| 61.5 | 1611 | 1694 | 1933 | 2211 | 2326 |
| 62.0 | 1577 | 1661 | 1903 | 2185 | 2301 |
| 62.5 | 1542 | 1627 | 1874 | 2158 | 2275 |
| 63.0 | 1508 | 1594 | 1845 | 2132 | 2250 |
| 63.5 | 1474 | 1562 | 1816 | 2106 | 2225 |
| 64.0 | 1440 | 1528 | 1787 | 2079 | 2199 |
| 64.5 | 1406 | 1495 | 1757 | 2054 | 2173 |
| 65.0 | 1371 | 1461 | 1729 | 2028 | 2147 |
| 65.5 | 1337 | 1429 | 1700 | 2002 | 2121 |
| 66.0 | 1302 | 1396 | 1671 | 1976 | 2095 |
| 66.5 | 1269 | 1363 | 1643 | 1950 | 2068 |
| 67.0 | 1234 | 1330 | 1615 | 1923 | 2042 |
| 67.5 | 1200 | 1298 | 1587 | 1897 | 2015 |
| 68.0 | 1166 | 1266 | 1560 | 1871 | 1989 |
| 68.5 | 1132 | 1234 | 1532 | 1844 | 1963 |
| 69.0 | 1098 | 1202 | 1505 | 1818 | 1936 |
| 69.5 | 1063 | 1171 | 1478 | 1791 | 1910 |
| 70.0 | 1029 | 1140 | 1452 | 1765 | 1883 |
| 70.5 | 995 | 1108 | 1426 | 1738 | 1856 |
| 71.0 | 962 | 1078 | 1400 | 1711 | 1829 |
| 71.5 | 927 | 1047 | 1374 | 1685 | 1803 |
| 72.0 | 894 | 1017 | 1348 | 1659 | 1776 |
| 72.5 | 861 | 987 | 1322 | 1632 | 1750 |
| 73.0 | 827 | 957 | 1296 | 1606 | 1722 |
| 73.5 | 794 | 928 | 1271 | 1580 | 1697 |
| 74.0 | 761 | 899 | 1245 | 1553 | 1670 |
| 74.5 | 728 | 870 | 1220 | 1528 | 1644 |
| 75.0 | 695 | 842 | 1194 | 1502 | 1617 |
| 75.5 | 663 | 814 | 1169 | 1476 | 1591 |
| 76.0 | 631 | 786 | 1144 | 1450 | 1565 |
| 76.5 | 599 | 759 | 1119 | 1424 | 1540 |
| 77.0 | 568 | 733 | 1095 | 1400 | 1514 |
| 77.5 | 536 | 707 | 1070 | 1374 | 1488 |
| 78.0 | 506 | 682 | 1046 | 1349 | 1463 |
| 78.5 | 475 | 657 | 1021 | 1325 | 1437 |
| 79.0 | 446 | 634 | 998 | 1300 | 1413 |
| 79.5 | 416 | 610 | 974 | 1275 | 1387 |
| 80.0 | 388 | 587 | 951 | 1251 | 1363 |
| 80.5 | 359 | 563 | 927 | 1227 | 1338 |
| 81.0 | 332 | 541 | 904 | 1203 | 1314 |
| 81.5 | 305 | 519 | 882 | 1180 | 1290 |
| 82.0 | 279 | 498 | 859 | 1156 | 1266 |
| 82.5 | 254 | 476 | 837 | 1133 | 1243 |

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|--------------|-----|-----|-----|------|------|
| 83.0 | 229 | 455 | 815 | 1110 | 1219 |
| 83.5 | 205 | 435 | 794 | 1087 | 1196 |
| 84.0 | 182 | 414 | 772 | 1064 | 1173 |
| 84.5 | 160 | 395 | 751 | 1042 | 1150 |
| 85.0 | 139 | 375 | 730 | 1019 | 1127 |
| 85.5 | 118 | 357 | 710 | 998 | 1105 |
| 86.0 | 99 | 339 | 691 | 977 | 1084 |
| 86.5 | 80 | 321 | 671 | 956 | 1062 |
| 87.0 | 63 | 305 | 653 | 936 | 1042 |
| 87.5 | 47 | 289 | 634 | 916 | 1022 |
| 88.0 | 32 | 274 | 617 | 898 | 1002 |
| 88.5 | 20 | 261 | 601 | 880 | 985 |
| 89.0 | 11 | 249 | 587 | 865 | 968 |
| 89.5 | 5 | 239 | 574 | 850 | 953 |
| 90.0 | 0 | 231 | 563 | 837 | 938 |
| 90.5 | 0 | 224 | 553 | 824 | 925 |
| 91.0 | 1 | 218 | 544 | 813 | 913 |
| 91.5 | 1 | 212 | 536 | 803 | 902 |
| 92.0 | 2 | 206 | 528 | 794 | 891 |
| 92.5 | 2 | 201 | 520 | 785 | 881 |
| 93.0 | 3 | 196 | 512 | 775 | 871 |
| 93.5 | 3 | 191 | 505 | 766 | 861 |
| 94.0 | 4 | 186 | 497 | 757 | 852 |
| 94.5 | 5 | 181 | 490 | 747 | 842 |
| 95.0 | 6 | 177 | 482 | 739 | 832 |
| 95.5 | 7 | 173 | 475 | 730 | 822 |
| 96.0 | 8 | 169 | 468 | 721 | 813 |
| 96.5 | 9 | 165 | 460 | 712 | 803 |
| 97.0 | 10 | 162 | 453 | 703 | 794 |
| 97.5 | 11 | 159 | 446 | 694 | 784 |
| 98.0 | 12 | 155 | 439 | 685 | 774 |
| 98.5 | 14 | 152 | 431 | 676 | 765 |
| 99.0 | 15 | 150 | 425 | 667 | 756 |
| 99.5 | 16 | 147 | 418 | 659 | 747 |
| 100.0 | 18 | 145 | 411 | 650 | 737 |
| 100.5 | 19 | 143 | 405 | 641 | 728 |
| 101.0 | 20 | 142 | 398 | 633 | 718 |
| 101.5 | 22 | 141 | 392 | 624 | 709 |
| 102.0 | 23 | 141 | 385 | 615 | 700 |
| 102.5 | 25 | 141 | 379 | 607 | 691 |
| 103.0 | 26 | 141 | 373 | 598 | 681 |
| 103.5 | 28 | 142 | 367 | 590 | 672 |
| 104.0 | 29 | 142 | 361 | 581 | 663 |
| 104.5 | 31 | 143 | 356 | 573 | 654 |
| 105.0 | 33 | 144 | 350 | 565 | 645 |
| 105.5 | 34 | 144 | 345 | 557 | 636 |
| 106.0 | 36 | 145 | 339 | 549 | 628 |
| 106.5 | 37 | 145 | 334 | 541 | 619 |
| 107.0 | 39 | 146 | 329 | 533 | 610 |
| 107.5 | 40 | 147 | 324 | 525 | 602 |
| 108.0 | 41 | 147 | 320 | 518 | 593 |
| 108.5 | 43 | 147 | 316 | 510 | 585 |
| 109.0 | 45 | 148 | 312 | 502 | 576 |
| 109.5 | 46 | 148 | 308 | 495 | 568 |
| 110.0 | 48 | 149 | 305 | 487 | 560 |
| 110.5 | 49 | 149 | 302 | 480 | 552 |

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| | | | | | |
|-------|-----|-----|-----|-----|-----|
| 111.0 | 51 | 150 | 299 | 473 | 544 |
| 111.5 | 52 | 150 | 298 | 466 | 536 |
| 112.0 | 53 | 150 | 297 | 459 | 528 |
| 112.5 | 55 | 151 | 296 | 452 | 520 |
| 113.0 | 56 | 151 | 295 | 445 | 512 |
| 113.5 | 57 | 152 | 294 | 439 | 505 |
| 114.0 | 58 | 152 | 293 | 433 | 498 |
| 114.5 | 59 | 152 | 293 | 427 | 490 |
| 115.0 | 60 | 153 | 292 | 422 | 483 |
| 115.5 | 61 | 153 | 292 | 417 | 476 |
| 116.0 | 62 | 153 | 291 | 412 | 470 |
| 116.5 | 63 | 154 | 291 | 408 | 464 |
| 117.0 | 64 | 154 | 290 | 405 | 458 |
| 117.5 | 66 | 154 | 290 | 403 | 452 |
| 118.0 | 67 | 154 | 290 | 400 | 447 |
| 118.5 | 68 | 155 | 289 | 398 | 443 |
| 119.0 | 70 | 155 | 289 | 396 | 440 |
| 119.5 | 71 | 155 | 288 | 394 | 437 |
| 120.0 | 73 | 155 | 288 | 392 | 435 |
| 120.5 | 74 | 156 | 287 | 390 | 432 |
| 121.0 | 76 | 156 | 287 | 388 | 431 |
| 121.5 | 77 | 156 | 286 | 387 | 429 |
| 122.0 | 79 | 156 | 285 | 385 | 428 |
| 122.5 | 81 | 156 | 285 | 383 | 426 |
| 123.0 | 82 | 157 | 284 | 382 | 424 |
| 123.5 | 84 | 157 | 283 | 381 | 422 |
| 124.0 | 86 | 157 | 282 | 380 | 419 |
| 124.5 | 87 | 157 | 281 | 379 | 417 |
| 125.0 | 89 | 157 | 281 | 378 | 415 |
| 125.5 | 90 | 157 | 280 | 377 | 413 |
| 126.0 | 92 | 157 | 279 | 376 | 411 |
| 126.5 | 93 | 158 | 278 | 374 | 408 |
| 127.0 | 94 | 158 | 277 | 373 | 406 |
| 127.5 | 96 | 158 | 276 | 371 | 403 |
| 128.0 | 97 | 158 | 275 | 369 | 401 |
| 128.5 | 98 | 158 | 275 | 367 | 399 |
| 129.0 | 98 | 158 | 275 | 365 | 397 |
| 129.5 | 99 | 158 | 274 | 363 | 395 |
| 130.0 | 100 | 158 | 273 | 361 | 393 |
| 130.5 | 101 | 158 | 272 | 358 | 391 |
| 131.0 | 102 | 158 | 270 | 356 | 389 |
| 131.5 | 103 | 158 | 269 | 353 | 386 |
| 132.0 | 104 | 159 | 268 | 351 | 384 |
| 132.5 | 105 | 159 | 266 | 349 | 382 |
| 133.0 | 106 | 159 | 265 | 346 | 379 |
| 133.5 | 107 | 159 | 263 | 344 | 377 |
| 134.0 | 108 | 159 | 262 | 342 | 374 |
| 134.5 | 109 | 159 | 260 | 339 | 371 |
| 135.0 | 110 | 159 | 259 | 337 | 369 |
| 135.5 | 111 | 159 | 257 | 335 | 366 |
| 136.0 | 112 | 158 | 255 | 332 | 363 |
| 136.5 | 113 | 158 | 254 | 330 | 361 |
| 137.0 | 114 | 158 | 252 | 327 | 358 |
| 137.5 | 115 | 157 | 251 | 325 | 355 |
| 138.0 | 116 | 157 | 249 | 323 | 352 |
| 138.5 | 117 | 156 | 248 | 320 | 349 |

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| 139.0 | 118 | 156 | 246 | 318 | 346 |
| 139.5 | 119 | 156 | 245 | 315 | 344 |
| 140.0 | 119 | 155 | 243 | 313 | 341 |
| 140.5 | 120 | 155 | 242 | 310 | 338 |
| 141.0 | 120 | 155 | 240 | 308 | 335 |
| 141.5 | 121 | 154 | 239 | 305 | 332 |
| 142.0 | 121 | 154 | 237 | 302 | 329 |
| 142.5 | 122 | 154 | 236 | 300 | 326 |
| 143.0 | 122 | 153 | 234 | 297 | 323 |
| 143.5 | 122 | 153 | 232 | 294 | 320 |
| 144.0 | 122 | 153 | 231 | 292 | 317 |
| 144.5 | 123 | 152 | 229 | 289 | 314 |
| 145.0 | 123 | 152 | 228 | 287 | 311 |
| 145.5 | 123 | 151 | 226 | 284 | 308 |
| 146.0 | 123 | 151 | 225 | 281 | 305 |
| 146.5 | 123 | 151 | 223 | 279 | 302 |
| 147.0 | 123 | 150 | 221 | 276 | 299 |
| 147.5 | 123 | 150 | 220 | 273 | 296 |
| 148.0 | 123 | 150 | 218 | 271 | 292 |
| 148.5 | 123 | 149 | 216 | 268 | 289 |
| 149.0 | 123 | 149 | 215 | 265 | 286 |
| 149.5 | 123 | 148 | 213 | 263 | 283 |
| 150.0 | 123 | 148 | 212 | 260 | 280 |
| 150.5 | 122 | 147 | 210 | 257 | 277 |
| 151.0 | 122 | 147 | 208 | 255 | 274 |
| 151.5 | 122 | 146 | 206 | 252 | 271 |
| 152.0 | 121 | 146 | 204 | 249 | 268 |
| 152.5 | 121 | 145 | 203 | 246 | 265 |
| 153.0 | 121 | 144 | 201 | 244 | 261 |
| 153.5 | 120 | 143 | 199 | 241 | 258 |
| 154.0 | 120 | 141 | 197 | 238 | 255 |
| 154.5 | 120 | 140 | 195 | 236 | 252 |
| 155.0 | 119 | 139 | 193 | 233 | 249 |
| 155.5 | 119 | 137 | 192 | 230 | 246 |
| 156.0 | 119 | 136 | 190 | 228 | 243 |
| 156.5 | 118 | 135 | 188 | 225 | 240 |
| 157.0 | 118 | 134 | 186 | 222 | 237 |
| 157.5 | 118 | 132 | 185 | 220 | 234 |
| 158.0 | 117 | 131 | 183 | 217 | 231 |
| 158.5 | 117 | 130 | 181 | 214 | 228 |
| 159.0 | 116 | 128 | 179 | 211 | 225 |
| 159.5 | 116 | 127 | 177 | 208 | 221 |
| 160.0 | 116 | 125 | 176 | 205 | 218 |
| 160.5 | 116 | 124 | 174 | 203 | 215 |
| 161.0 | 116 | 123 | 172 | 200 | 211 |
| 161.5 | 116 | 122 | 170 | 198 | 208 |
| 162.0 | 117 | 124 | 169 | 195 | 205 |
| 162.5 | 118 | 128 | 167 | 192 | 202 |
| 163.0 | 119 | 134 | 165 | 190 | 199 |
| 163.5 | 120 | 140 | 162 | 187 | 196 |
| 164.0 | 122 | 145 | 159 | 185 | 193 |
| 164.5 | 123 | 148 | 156 | 182 | 190 |
| 165.0 | 125 | 148 | 152 | 180 | 187 |
| 165.5 | 126 | 147 | 149 | 177 | 184 |
| 166.0 | 127 | 146 | 146 | 175 | 181 |
| 166.5 | 129 | 145 | 143 | 172 | 178 |

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| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| 167.0 | 130 | 145 | 140 | 170 | 176 |
| 167.5 | 131 | 145 | 137 | 167 | 173 |
| 168.0 | 133 | 145 | 133 | 165 | 170 |
| 168.5 | 134 | 145 | 130 | 162 | 167 |
| 169.0 | 136 | 145 | 127 | 160 | 165 |
| 169.5 | 138 | 145 | 124 | 157 | 162 |
| 170.0 | 139 | 144 | 125 | 155 | 159 |
| 170.5 | 140 | 144 | 134 | 152 | 157 |
| 171.0 | 141 | 142 | 143 | 149 | 154 |
| 171.5 | 142 | 141 | 151 | 145 | 152 |
| 172.0 | 143 | 141 | 152 | 141 | 149 |
| 172.5 | 145 | 140 | 149 | 147 | 147 |
| 173.0 | 146 | 140 | 147 | 160 | 154 |
| 173.5 | 147 | 139 | 145 | 171 | 175 |
| 174.0 | 149 | 140 | 143 | 172 | 192 |
| 174.5 | 150 | 141 | 141 | 169 | 192 |
| 175.0 | 150 | 142 | 139 | 166 | 190 |
| 175.5 | 151 | 144 | 138 | 162 | 182 |
| 176.0 | 151 | 145 | 136 | 153 | 174 |
| 176.5 | 149 | 144 | 134 | 140 | 165 |
| 177.0 | 147 | 143 | 132 | 134 | 155 |
| 177.5 | 145 | 142 | 131 | 132 | 147 |
| 178.0 | 143 | 140 | 131 | 131 | 142 |
| 178.5 | 139 | 138 | 130 | 130 | 135 |
| 179.0 | 136 | 136 | 131 | 130 | 132 |
| 179.5 | 134 | 133 | 131 | 130 | 131 |
| 180.0 | 131 | 131 | 131 | 131 | 131 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BRITE-4-835-U10-XX-WA.IES

ZONAL LUMEN SUMMARY

| Zone | Lumens | %Lamp | %Fixt |
|---------|----------|-------|--------|
| 0-20 | 1641.38 | N.A. | 10.50 |
| 0-30 | 3469.37 | N.A. | 22.20 |
| 0-40 | 5657.51 | N.A. | 36.20 |
| 0-60 | 10023.65 | N.A. | 64.10 |
| 0-80 | 12995.21 | N.A. | 83.20 |
| 0-90 | 13757.33 | N.A. | 88.00 |
| 10-90 | 13331.14 | N.A. | 85.30 |
| 20-40 | 4016.13 | N.A. | 25.70 |
| 20-50 | 6285.31 | N.A. | 40.20 |
| 40-70 | 6094.55 | N.A. | 39.00 |
| 60-80 | 2971.56 | N.A. | 19.00 |
| 70-80 | 1243.15 | N.A. | 8.00 |
| 80-90 | 762.12 | N.A. | 4.90 |
| 90-110 | 868.91 | N.A. | 5.60 |
| 90-120 | 1154.06 | N.A. | 7.40 |
| 90-130 | 1393.27 | N.A. | 8.90 |
| 90-150 | 1724.64 | N.A. | 11.00 |
| 90-180 | 1870.65 | N.A. | 12.00 |
| 110-180 | 1001.75 | N.A. | 6.40 |
| 0-180 | 15627.98 | N.A. | 100.00 |

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

| Zone | Lumens |
|---------|---------|
| 0-10 | 426.19 |
| 10-20 | 1215.19 |
| 20-30 | 1827.99 |
| 30-40 | 2188.14 |
| 40-50 | 2269.18 |
| 50-60 | 2096.96 |
| 60-70 | 1728.41 |
| 70-80 | 1243.15 |
| 80-90 | 762.12 |
| 90-100 | 497.65 |
| 100-110 | 371.26 |
| 110-120 | 285.15 |
| 120-130 | 239.21 |
| 130-140 | 192.39 |
| 140-150 | 138.98 |
| 150-160 | 87.20 |
| 160-170 | 44.76 |
| 170-180 | 14.05 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BRITE-4-835-U10-XX-WA.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 | 116 | 116 | 116 | 116 | 112 | 112 | 112 | 112 | 104 | 104 | 104 | 97 | 97 | 97 | 91 | 91 | 91 | 88 |
| 1 | 104 | 99 | 94 | 90 | 100 | 96 | 91 | 87 | 89 | 86 | 82 | 83 | 80 | 78 | 78 | 75 | 73 | 70 |
| 2 | 94 | 86 | 78 | 72 | 91 | 83 | 76 | 70 | 77 | 72 | 67 | 72 | 68 | 64 | 67 | 64 | 61 | 58 |
| 3 | 86 | 75 | 66 | 60 | 82 | 72 | 65 | 58 | 68 | 61 | 56 | 63 | 58 | 53 | 59 | 55 | 51 | 48 |
| 4 | 78 | 66 | 57 | 50 | 75 | 64 | 56 | 49 | 60 | 53 | 47 | 56 | 50 | 45 | 53 | 48 | 43 | 41 |
| 5 | 72 | 59 | 50 | 43 | 69 | 57 | 49 | 42 | 54 | 46 | 41 | 50 | 44 | 39 | 47 | 42 | 38 | 35 |
| 6 | 66 | 53 | 44 | 37 | 64 | 51 | 43 | 37 | 48 | 41 | 35 | 46 | 39 | 34 | 43 | 37 | 33 | 31 |
| 7 | 62 | 48 | 39 | 33 | 59 | 47 | 38 | 32 | 44 | 37 | 31 | 41 | 35 | 30 | 39 | 34 | 29 | 27 |
| 8 | 57 | 44 | 35 | 29 | 55 | 42 | 34 | 29 | 40 | 33 | 28 | 38 | 32 | 27 | 36 | 30 | 26 | 24 |
| 9 | 53 | 40 | 32 | 26 | 51 | 39 | 31 | 26 | 37 | 30 | 25 | 35 | 29 | 24 | 33 | 28 | 24 | 22 |
| 10 | 50 | 37 | 29 | 24 | 48 | 36 | 28 | 23 | 34 | 27 | 23 | 32 | 26 | 22 | 31 | 25 | 21 | 20 |

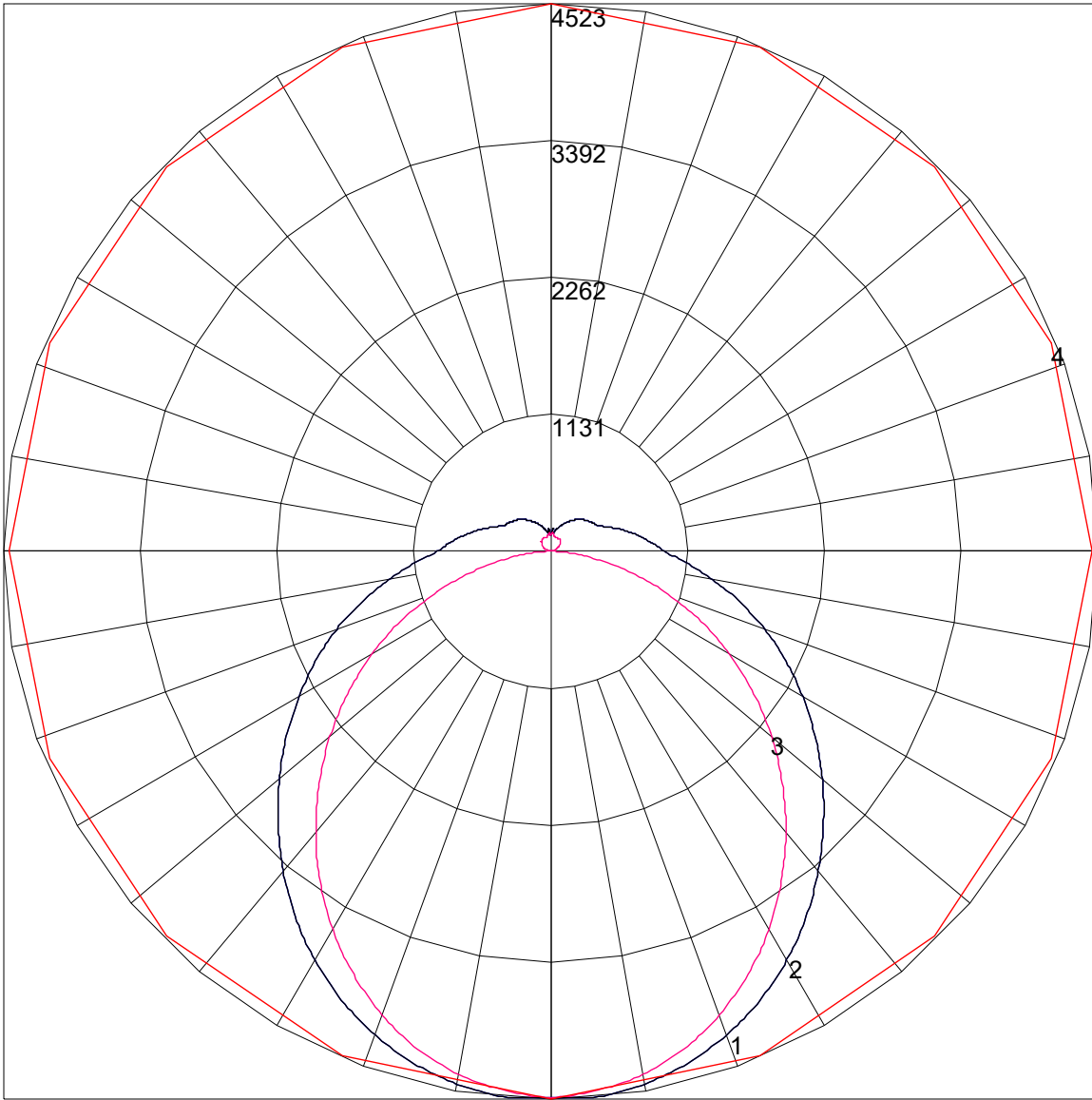
IES INDOOR REPORT
PHOTOMETRIC FILENAME : BRITE-4-835-U10-XX-WA.IES

UGR TABLE - CORRECTED

| Reflectances | | | | | | | | | | | |
|----------------|------|----------------------|------|------|------|------|--------------------|------|------|------|------|
| Ceiling Cavity | 70 | 70 | 50 | 50 | 30 | 70 | 70 | 50 | 50 | 30 | |
| Walls | 50 | 30 | 50 | 30 | 30 | 50 | 30 | 50 | 30 | 30 | |
| Floor Cavity | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | |
| Room Size | | UGR Viewed Crosswise | | | | | UGR Viewed Endwise | | | | |
| X=2H | Y=2H | 23.0 | 24.4 | 23.6 | 25.0 | 25.6 | 25.4 | 26.8 | 25.9 | 27.3 | 27.9 |
| | 3H | 24.5 | 25.8 | 25.0 | 26.3 | 27.0 | 27.9 | 29.2 | 28.4 | 29.7 | 30.4 |
| | 4H | 24.9 | 26.2 | 25.5 | 26.7 | 27.4 | 29.1 | 30.3 | 29.7 | 30.9 | 31.5 |
| | 6H | 25.2 | 26.4 | 25.8 | 26.9 | 27.6 | 30.4 | 31.5 | 30.9 | 32.1 | 32.7 |
| | 8H | 25.3 | 26.4 | 25.9 | 27.0 | 27.6 | 31.0 | 32.1 | 31.6 | 32.7 | 33.4 |
| | 12H | 25.3 | 26.3 | 25.9 | 26.9 | 27.6 | 31.7 | 32.7 | 32.3 | 33.3 | 34.0 |
| 4H | 2H | 23.9 | 25.1 | 24.5 | 25.7 | 26.3 | 25.8 | 27.0 | 26.3 | 27.6 | 28.2 |
| | 3H | 25.6 | 26.6 | 26.2 | 27.2 | 27.9 | 28.5 | 29.6 | 29.1 | 30.2 | 30.8 |
| | 4H | 26.2 | 27.1 | 26.8 | 27.7 | 28.5 | 29.9 | 30.9 | 30.5 | 31.5 | 32.2 |
| | 6H | 26.6 | 27.4 | 27.2 | 28.0 | 28.8 | 31.3 | 32.2 | 32.0 | 32.8 | 33.5 |
| | 8H | 26.6 | 27.5 | 27.3 | 28.1 | 28.8 | 32.1 | 32.9 | 32.7 | 33.5 | 34.2 |
| | 12H | 26.7 | 27.4 | 27.3 | 28.1 | 28.8 | 32.9 | 33.6 | 33.6 | 34.3 | 35.0 |
| 8H | 4H | 26.9 | 27.7 | 27.5 | 28.3 | 29.0 | 30.1 | 30.9 | 30.7 | 31.5 | 32.2 |
| | 6H | 27.5 | 28.1 | 28.1 | 28.8 | 29.5 | 31.7 | 32.4 | 32.4 | 33.1 | 33.8 |
| | 8H | 27.6 | 28.2 | 28.3 | 28.9 | 29.7 | 32.6 | 33.2 | 33.3 | 33.9 | 34.6 |
| | 12H | 27.7 | 28.3 | 28.4 | 29.0 | 29.8 | 33.6 | 34.1 | 34.3 | 34.8 | 35.6 |
| 12H | 4H | 27.1 | 27.8 | 27.7 | 28.5 | 29.2 | 30.1 | 30.8 | 30.7 | 31.5 | 32.2 |
| | 6H | 27.8 | 28.4 | 28.5 | 29.0 | 29.8 | 31.7 | 32.3 | 32.4 | 33.0 | 33.8 |
| | 8H | 28.0 | 28.6 | 28.7 | 29.3 | 30.1 | 32.7 | 33.2 | 33.4 | 33.9 | 34.7 |

Maximum UGR = 35.6

POLAR GRAPH



Maximum Candela = 4523 Located At Horizontal Angle = 90, Vertical Angle = 4
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Vertical Plane Through Horizontal Angles (90 - 270)
3 - Vertical Plane Through Horizontal Angles (0 - 180)
4 - Horizontal Cone Through Vertical Angle (4) (Through Max. Cd.)