

LUMINAIRE: PEL2-35LX-HE-NL-EDU
 Peloton Led Highbay, Industrial
 2' Linear, Dual-Segment w/ 4 LED Boards, No Lens
 Data Scaled from Test# 18.00618
BALLAST: XI095C275V054BSF1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 12188
WATTS: 73.13
MOUNTING: Pendant
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.30 90° = 1.30
LUMINOUS OPENING IN FEET
 LENGTH: 1.96
 WIDTH: 1.42
 HEIGHT: 0.08

TEST #20510

DATE: 4/19/2018

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 167

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.44

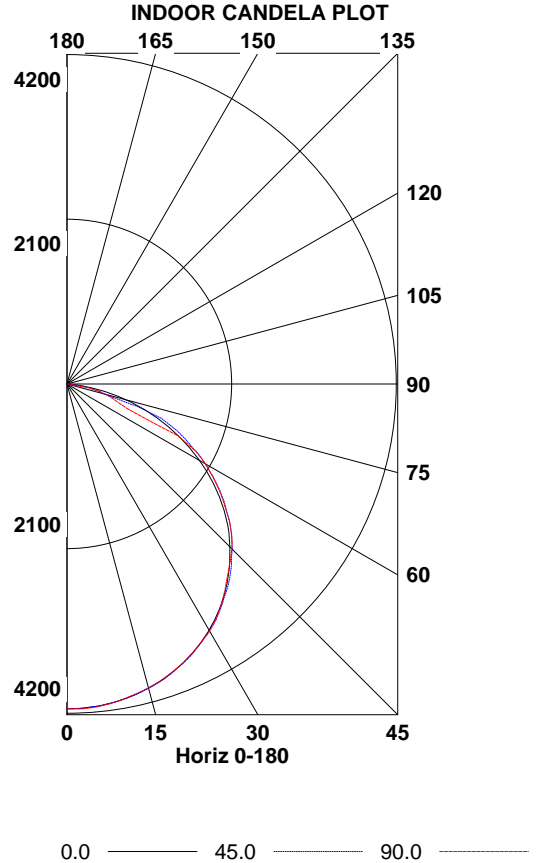
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

| ZONE | LUMENS | % LAMP | % FIXTURE |
|--------|--------|--------|-----------|
| 0-30 | 3275 | 26.9 | 26.9 |
| 0-40 | 5427 | 44.5 | 44.5 |
| 0-60 | 9823 | 80.6 | 80.6 |
| 0-90 | 12183 | 100.0 | 100.0 |
| 90-120 | 5 | 0.0 | 0.0 |
| 90-130 | 5 | 0.0 | 0.0 |
| 90-150 | 5 | 0.0 | 0.0 |
| 90-180 | 5 | 0.0 | 0.0 |
| 0-180 | 12188 | 100.0 | 100.0 |

AVERAGE LUMINANCE

| ANGLE | CANDELA/SQ M | | | | |
|-------|--------------|-------|-------|-------|-------|
| | 0.0 | 22.5 | 45.0 | 67.5 | 90.0 |
| 0 | 16015 | 16015 | 16015 | 16015 | 16015 |
| 30 | 15816 | 15657 | 15597 | 15610 | 15743 |
| 40 | 15616 | 15414 | 15399 | 15417 | 15364 |
| 45 | 15439 | 15211 | 15231 | 15271 | 15393 |
| 50 | 15159 | 14920 | 15005 | 15049 | 15234 |
| 55 | 14724 | 14478 | 14626 | 14683 | 14809 |
| 60 | 14087 | 13840 | 14081 | 14152 | 14376 |
| 65 | 13211 | 12983 | 13296 | 13386 | 12696 |
| 70 | 11947 | 11776 | 12233 | 6760 | 6864 |
| 75 | 10076 | 10046 | 5756 | 6049 | 6260 |
| 80 | 7343 | 6984 | 4712 | 4990 | 4895 |
| 85 | 3601 | 2725 | 1467 | 1651 | 1701 |



COEFFICIENTS OF UTILIZATION (%)

| RC | EFFECTIVE FLOOR CAVITY REFLECTANCE = 20% | | | | | | | | | | | | | | | | | | |
|----|------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | 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 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 102 | 100 |
| 1 | 109 | 105 | 100 | 97 | 106 | 102 | 99 | 95 | 98 | 95 | 92 | 94 | 89 | 89 | 91 | 89 | 87 | 87 | 85 |
| 2 | 99 | 91 | 85 | 79 | 97 | 89 | 83 | 78 | 86 | 81 | 76 | 82 | 78 | 74 | 79 | 76 | 73 | 73 | 71 |
| 3 | 90 | 80 | 72 | 65 | 88 | 78 | 71 | 65 | 75 | 69 | 64 | 73 | 67 | 63 | 70 | 65 | 62 | 62 | 59 |
| R | 4 | 83 | 71 | 62 | 55 | 80 | 69 | 61 | 55 | 67 | 60 | 54 | 65 | 58 | 53 | 62 | 57 | 53 | 51 |
| C | 5 | 76 | 63 | 54 | 47 | 74 | 62 | 54 | 47 | 60 | 52 | 47 | 58 | 51 | 46 | 56 | 50 | 46 | 44 |
| R | 6 | 70 | 57 | 48 | 41 | 68 | 56 | 47 | 41 | 54 | 46 | 41 | 52 | 46 | 40 | 51 | 45 | 40 | 38 |
| | 7 | 65 | 51 | 43 | 36 | 63 | 51 | 42 | 36 | 49 | 41 | 36 | 48 | 41 | 36 | 46 | 40 | 35 | 33 |
| | 8 | 60 | 47 | 38 | 32 | 59 | 46 | 38 | 32 | 45 | 37 | 32 | 43 | 37 | 32 | 42 | 36 | 32 | 30 |
| | 9 | 56 | 43 | 35 | 29 | 55 | 42 | 34 | 29 | 41 | 34 | 29 | 40 | 33 | 29 | 39 | 33 | 28 | 27 |
| | 10 | 53 | 39 | 32 | 26 | 51 | 39 | 31 | 26 | 38 | 31 | 26 | 37 | 31 | 26 | 36 | 30 | 26 | 24 |

ZONAL CAVITY METHOD

RCR = ROOM CAVITY RATIO RC = EFFECTIVE CEILING CAVITY REFLECTANCE RW = WALL REFLECTANCE

THE DATA IN THIS REPORT ARE BASED ON ABSOLUTE MEASUREMENTS.

ANSI/IESNA RP-1 COMPLIANCE IS BASED ON ABSOLUTE MEASUREMENTS.

THIS TEST RUN IN ACCORDANCE WITH CURRENT I.E.S.N.A. PUBLISHED PROCEDURES.

APPROVED BY: _____

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Peloton Led Highbay, Industrial
2' Linear, Dual-Segment w/ 4 LED Boards, No Lens
Data Scaled from Test# 18.00618

TEST #20510
DATE: 4/19/2018

CANDELA VALUES

| ANGLE | 0.0 | 22.5 | 45.0 | 67.5 | 90.0 |
|-------|------|------|------|------|-------|
| 0.0 | 4141 | 4141 | 4141 | 4141 | 4141 |
| 2.5 | 4138 | 4138 | 4138 | 4139 | 4146* |
| 5.0 | 4128 | 4128 | 4128 | 4128 | 4137 |
| 7.5 | 4111 | 4110 | 4110 | 4110 | 4114 |
| 10.0 | 4086 | 4085 | 4086 | 4088 | 4083 |
| 12.5 | 4054 | 4053 | 4056 | 4058 | 4049 |
| 15.0 | 4015 | 4014 | 4019 | 4019 | 4013 |
| 17.5 | 3967 | 3967 | 3973 | 3973 | 3969 |
| 20.0 | 3913 | 3913 | 3918 | 3918 | 3912 |
| 22.5 | 3853 | 3854 | 3858 | 3858 | 3856 |
| 25.0 | 3784 | 3786 | 3790 | 3790 | 3786 |
| 27.5 | 3708 | 3710 | 3713 | 3715 | 3711 |
| 30.0 | 3625 | 3626 | 3631 | 3632 | 3640 |
| 32.5 | 3532 | 3535 | 3541 | 3542 | 3549 |
| 35.0 | 3430 | 3434 | 3442 | 3445 | 3431 |
| 37.5 | 3315 | 3323 | 3338 | 3341 | 3310 |
| 40.0 | 3199 | 3205 | 3226 | 3227 | 3187 |
| 42.5 | 3071 | 3077 | 3105 | 3107 | 3076 |
| 45.0 | 2938 | 2946 | 2976 | 2981 | 2973 |
| 47.5 | 2801 | 2807 | 2844 | 2847 | 2851 |
| 50.0 | 2642 | 2655 | 2698 | 2703 | 2702 |
| 52.5 | 2482 | 2498 | 2544 | 2551 | 2528 |
| 55.0 | 2311 | 2329 | 2382 | 2388 | 2373 |
| 57.5 | 2137 | 2156 | 2214 | 2220 | 2209 |
| 60.0 | 1950 | 1973 | 2037 | 2044 | 2040 |
| 62.5 | 1763 | 1787 | 1854 | 1863 | 1852 |
| 65.0 | 1570 | 1599 | 1667 | 1675 | 1555 |
| 67.5 | 1373 | 1405 | 1476 | 1174 | 855 |
| 70.0 | 1175 | 1211 | 1286 | 709 | 701 |
| 72.5 | 975 | 1015 | 893 | 606 | 608 |
| 75.0 | 777 | 821 | 484 | 507 | 507 |
| 77.5 | 586 | 634 | 388 | 406 | 413 |
| 80.0 | 406 | 419 | 294 | 310 | 290 |
| 82.5 | 248 | 168 | 207 | 73 | 72 |
| 85.0 | 119 | 103 | 59 | 66 | 63 |
| 87.5 | 27 | 36 | 46 | 38 | 33 |
| 90.0 | 3 | 10 | 12 | 7 | 1 |
| 92.5 | 0 | 6 | 6 | 4 | 0 |
| 95.0 | 0 | 4 | 5 | 3 | 0 |
| 97.5 | 0 | 2 | 4 | 3 | 0 |
| 100.0 | 0 | 1 | 3 | 2 | 0 |
| 102.5 | 0 | 1 | 2 | 2 | 0 |
| 105.0 | 0 | 1 | 1 | 1 | 0 |
| 107.5 | 0 | 0 | 1 | 1 | 0 |
| 110.0 | 0 | 0 | 1 | 1 | 0 |
| 112.5 | 0 | 0 | 0 | 0 | 0 |
| 115.0 | 0 | 0 | 0 | 0 | 0 |
| 117.5 | 0 | 0 | 0 | 0 | 0 |
| 120.0 | 0 | 0 | 0 | 0 | 0 |
| 122.5 | 0 | 0 | 0 | 0 | 0 |
| 125.0 | 0 | 0 | 0 | 0 | 0 |
| 127.5 | 0 | 0 | 0 | 0 | 0 |
| 130.0 | 0 | 0 | 0 | 0 | 0 |
| 132.5 | 0 | 0 | 0 | 0 | 0 |
| 135.0 | 0 | 0 | 0 | 0 | 0 |
| 137.5 | 0 | 0 | 0 | 0 | 0 |
| 140.0 | 0 | 0 | 0 | 0 | 0 |
| 142.5 | 0 | 0 | 0 | 0 | 0 |
| 145.0 | 0 | 0 | 0 | 0 | 0 |
| 147.5 | 0 | 0 | 0 | 0 | 0 |
| 150.0 | 0 | 0 | 0 | 0 | 0 |
| 152.5 | 0 | 0 | 0 | 0 | 0 |
| 155.0 | 0 | 0 | 0 | 0 | 0 |
| 157.5 | 0 | 0 | 0 | 0 | 0 |
| 160.0 | 0 | 0 | 0 | 0 | 0 |
| 162.5 | 0 | 0 | 0 | 0 | 0 |
| 165.0 | 0 | 0 | 0 | 0 | 0 |
| 167.5 | 0 | 0 | 0 | 0 | 0 |
| 170.0 | 0 | 0 | 0 | 0 | 0 |
| 172.5 | 0 | 0 | 0 | 0 | 0 |
| 175.0 | 0 | 0 | 0 | 0 | 0 |
| 177.5 | 0 | 0 | 0 | 0 | 0 |
| 180.0 | 0 | 0 | 0 | 0 | 0 |

*MAXIMUM CANDELA VALUE