

LUMINAIRE: PEL2-40LX-HE-NL-EDU
 Peloton Led Highbay, Industrial
 2' Linear, Dual-Segment w/ 4 LED Boards, No Lens
BALLAST: XI095C275V054BSF1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 12722
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 #18.00618
 DATE: 4/19/2018

TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 174

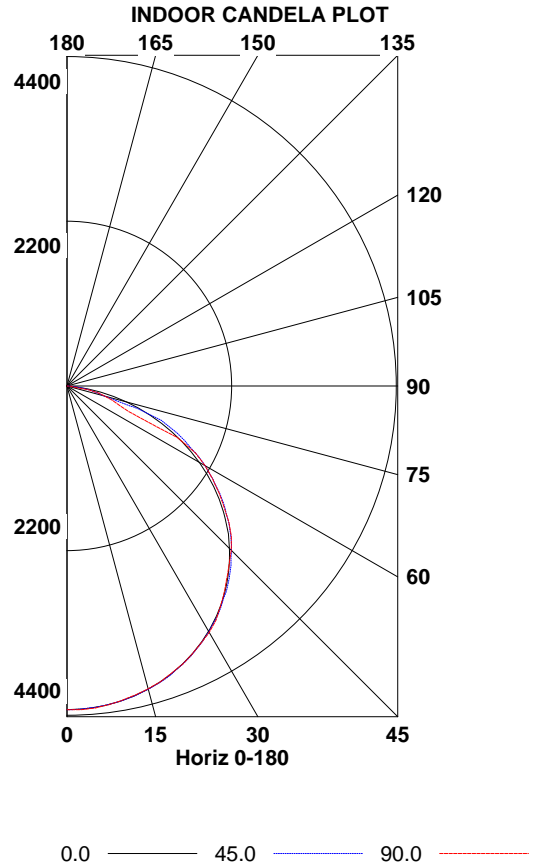
ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.38
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

| ZONE | LUMENS | % LAMP | % FIXTURE |
|--------|--------|--------|-----------|
| 0-30 | 3419 | 26.9 | 26.9 |
| 0-40 | 5665 | 44.5 | 44.5 |
| 0-60 | 10253 | 80.6 | 80.6 |
| 0-90 | 12717 | 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 | 12722 | 100.0 | 100.0 |

AVERAGE LUMINANCE

| ANGLE | AVERAGE LUMINANCE | | | | CANDELA/SQ M | |
|-------|-------------------|-------|-------|-------|--------------|--|
| | 0.0 | 22.5 | 45.0 | 67.5 | 90.0 | |
| 0 | 16719 | 16719 | 16719 | 16719 | 16719 | |
| 30 | 16509 | 16344 | 16280 | 16293 | 16435 | |
| 40 | 16299 | 16088 | 16072 | 16090 | 16039 | |
| 45 | 16117 | 15877 | 15896 | 15942 | 16066 | |
| 50 | 15824 | 15572 | 15661 | 15706 | 15900 | |
| 55 | 15368 | 15112 | 15265 | 15328 | 15458 | |
| 60 | 14709 | 14451 | 14696 | 14775 | 15004 | |
| 65 | 13792 | 13551 | 13878 | 13969 | 13251 | |
| 70 | 12476 | 12291 | 12766 | 7056 | 7168 | |
| 75 | 10517 | 10486 | 6006 | 6311 | 6531 | |
| 80 | 7668 | 7284 | 4920 | 5215 | 5114 | |
| 85 | 3752 | 2831 | 1541 | 1726 | 1782 | |



COEFFICIENTS OF UTILIZATION (%)

ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE = 20%

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

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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TEST #18.00618
DATE: 4/19/2018

CANDELA VALUES

| ANGLE | 0.0 | 22.5 | 45.0 | 67.5 | 90.0 |
|-------|------|------|------|------|-------|
| 0.0 | 4323 | 4323 | 4323 | 4323 | 4323 |
| 2.5 | 4319 | 4319 | 4319 | 4320 | 4328* |
| 5.0 | 4309 | 4309 | 4309 | 4309 | 4318 |
| 7.5 | 4291 | 4290 | 4290 | 4290 | 4294 |
| 10.0 | 4265 | 4264 | 4265 | 4267 | 4262 |
| 12.5 | 4232 | 4231 | 4234 | 4236 | 4227 |
| 15.0 | 4191 | 4190 | 4195 | 4195 | 4189 |
| 17.5 | 4141 | 4141 | 4147 | 4147 | 4143 |
| 20.0 | 4085 | 4085 | 4090 | 4090 | 4083 |
| 22.5 | 4022 | 4023 | 4027 | 4027 | 4025 |
| 25.0 | 3950 | 3952 | 3956 | 3956 | 3952 |
| 27.5 | 3871 | 3873 | 3876 | 3878 | 3874 |
| 30.0 | 3784 | 3785 | 3790 | 3791 | 3800 |
| 32.5 | 3687 | 3690 | 3696 | 3697 | 3705 |
| 35.0 | 3580 | 3585 | 3593 | 3596 | 3581 |
| 37.5 | 3460 | 3469 | 3484 | 3487 | 3455 |
| 40.0 | 3339 | 3345 | 3367 | 3368 | 3327 |
| 42.5 | 3206 | 3212 | 3241 | 3243 | 3211 |
| 45.0 | 3067 | 3075 | 3106 | 3112 | 3103 |
| 47.5 | 2924 | 2930 | 2969 | 2972 | 2976 |
| 50.0 | 2758 | 2771 | 2816 | 2821 | 2820 |
| 52.5 | 2591 | 2608 | 2656 | 2663 | 2639 |
| 55.0 | 2412 | 2431 | 2486 | 2493 | 2477 |
| 57.5 | 2231 | 2250 | 2311 | 2317 | 2306 |
| 60.0 | 2036 | 2060 | 2126 | 2134 | 2129 |
| 62.5 | 1840 | 1865 | 1935 | 1945 | 1933 |
| 65.0 | 1639 | 1669 | 1740 | 1748 | 1623 |
| 67.5 | 1433 | 1467 | 1541 | 1225 | 892 |
| 70.0 | 1227 | 1264 | 1342 | 740 | 732 |
| 72.5 | 1018 | 1060 | 932 | 633 | 635 |
| 75.0 | 811 | 857 | 505 | 529 | 529 |
| 77.5 | 612 | 662 | 405 | 424 | 431 |
| 80.0 | 424 | 437 | 307 | 324 | 303 |
| 82.5 | 259 | 175 | 216 | 76 | 75 |
| 85.0 | 124 | 107 | 62 | 69 | 66 |
| 87.5 | 28 | 38 | 48 | 40 | 34 |
| 90.0 | 3 | 10 | 13 | 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