

LUMINAIRE: PEL4-40MH-NL-EDU
 Peloton Led Highbay, Industrial
 4' Linear, Dual-Segment w/ 4 LED Boards, No Lens
BALLAST: XI190C275V054BSG1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 25678
WATTS: 153.71
MOUNTING: Pendant
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.30 90° = 1.30
LUMINOUS OPENING IN FEET
 LENGTH: 3.79
 WIDTH: 1.42
 HEIGHT: 0.08

TEST #18.00624
 DATE: 4/20/2018

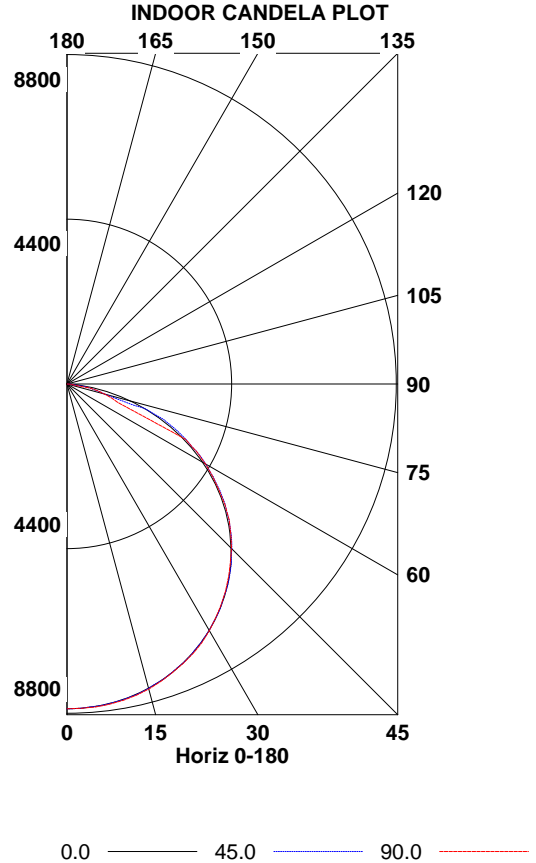
TOTAL LUMINAIRE EFFICIENCY = 100.0
TOTAL LUMENS PER WATT = 167
ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT
COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.44
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

| ZONE | LUMENS | % LAMP | % FIXTURE |
|--------|--------|--------|-----------|
| 0-30 | 6861 | 26.7 | 26.7 |
| 0-40 | 11365 | 44.3 | 44.3 |
| 0-60 | 20591 | 80.2 | 80.2 |
| 0-90 | 25676 | 100.0 | 100.0 |
| 90-120 | 2 | 0.0 | 0.0 |
| 90-130 | 2 | 0.0 | 0.0 |
| 90-150 | 2 | 0.0 | 0.0 |
| 90-180 | 2 | 0.0 | 0.0 |
| 0-180 | 25678 | 100.0 | 100.0 |

AVERAGE LUMINANCE

| ANGLE | CANDELA/SQ M | | | | |
|-------|--------------|-------|-------|-------|-------|
| | 0.0 | 22.5 | 45.0 | 67.5 | 90.0 |
| 0 | 17352 | 17352 | 17352 | 17352 | 17352 |
| 30 | 17334 | 17125 | 17010 | 16939 | 17012 |
| 40 | 17289 | 16966 | 16839 | 16740 | 16746 |
| 45 | 17166 | 16845 | 16701 | 16582 | 16634 |
| 50 | 16982 | 16600 | 16512 | 16384 | 16495 |
| 55 | 16661 | 16219 | 16154 | 16037 | 16030 |
| 60 | 16131 | 15625 | 15637 | 15513 | 15573 |
| 65 | 15358 | 14862 | 14866 | 14777 | 14728 |
| 70 | 14255 | 13715 | 13841 | 7633 | 7338 |
| 75 | 12507 | 12021 | 6596 | 6589 | 6698 |
| 80 | 9752 | 9240 | 5405 | 5403 | 5543 |
| 85 | 5842 | 3467 | 1524 | 1768 | 1815 |



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 | 100 | |
| 1 | 109 | 104 | 100 | 97 | 106 | 102 | 98 | 95 | 98 | 95 | 92 | 94 | 92 | 89 | 90 | 88 | 87 | 84 | |
| 2 | 99 | 91 | 84 | 79 | 97 | 89 | 83 | 78 | 86 | 80 | 76 | 82 | 78 | 74 | 79 | 76 | 73 | 70 | |
| 3 | 90 | 80 | 72 | 65 | 88 | 78 | 71 | 65 | 75 | 69 | 64 | 73 | 67 | 62 | 70 | 65 | 61 | 59 | |
| R | 4 | 83 | 71 | 62 | 55 | 80 | 69 | 61 | 55 | 67 | 60 | 54 | 64 | 58 | 53 | 62 | 57 | 52 | 50 |
| C | 5 | 76 | 63 | 54 | 47 | 74 | 62 | 53 | 47 | 60 | 52 | 46 | 58 | 51 | 46 | 56 | 50 | 45 | 43 |
| R | 6 | 70 | 57 | 48 | 41 | 68 | 56 | 47 | 41 | 54 | 46 | 41 | 52 | 45 | 40 | 50 | 44 | 40 | 38 |
| | 7 | 65 | 51 | 42 | 36 | 63 | 50 | 42 | 36 | 49 | 41 | 36 | 47 | 41 | 35 | 46 | 40 | 35 | 33 |
| | 8 | 60 | 47 | 38 | 32 | 59 | 46 | 38 | 32 | 45 | 37 | 32 | 43 | 37 | 32 | 42 | 36 | 31 | 30 |
| | 9 | 56 | 43 | 34 | 29 | 55 | 42 | 34 | 29 | 41 | 34 | 29 | 40 | 33 | 28 | 39 | 33 | 28 | 26 |
| | 10 | 53 | 39 | 31 | 26 | 51 | 39 | 31 | 26 | 38 | 31 | 26 | 37 | 30 | 26 | 36 | 30 | 26 | 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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4' Linear, Dual-Segment w/ 4 LED Boards, No Lens

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CANDELA VALUES

| ANGLE | 0.0 | 22.5 | 45.0 | 67.5 | 90.0 |
|-------|-------|------|------|------|------|
| 0.0 | 8676* | 8676 | 8676 | 8676 | 8676 |
| 2.5 | 8671 | 8673 | 8668 | 8666 | 8671 |
| 5.0 | 8646 | 8648 | 8646 | 8651 | 8661 |
| 7.5 | 8615 | 8613 | 8613 | 8618 | 8631 |
| 10.0 | 8560 | 8563 | 8566 | 8568 | 8586 |
| 12.5 | 8495 | 8493 | 8501 | 8498 | 8521 |
| 15.0 | 8410 | 8413 | 8416 | 8416 | 8436 |
| 17.5 | 8314 | 8313 | 8316 | 8311 | 8331 |
| 20.0 | 8204 | 8201 | 8201 | 8201 | 8211 |
| 22.5 | 8074 | 8076 | 8076 | 8074 | 8086 |
| 25.0 | 7933 | 7929 | 7931 | 7929 | 7951 |
| 27.5 | 7772 | 7769 | 7773 | 7766 | 7796 |
| 30.0 | 7597 | 7591 | 7598 | 7589 | 7606 |
| 32.5 | 7406 | 7397 | 7406 | 7399 | 7401 |
| 35.0 | 7200 | 7187 | 7201 | 7192 | 7186 |
| 37.5 | 6975 | 6962 | 6981 | 6972 | 6966 |
| 40.0 | 6739 | 6722 | 6746 | 6735 | 6717 |
| 42.5 | 6483 | 6467 | 6495 | 6480 | 6462 |
| 45.0 | 6197 | 6200 | 6228 | 6215 | 6212 |
| 47.5 | 5901 | 5905 | 5950 | 5940 | 5937 |
| 50.0 | 5595 | 5596 | 5653 | 5643 | 5657 |
| 52.5 | 5259 | 5261 | 5335 | 5326 | 5327 |
| 55.0 | 4922 | 4924 | 4995 | 4994 | 4967 |
| 57.5 | 4561 | 4551 | 4643 | 4646 | 4623 |
| 60.0 | 4180 | 4184 | 4280 | 4282 | 4273 |
| 62.5 | 3793 | 3807 | 3903 | 3907 | 3903 |
| 65.0 | 3392 | 3417 | 3510 | 3525 | 3488 |
| 67.5 | 2986 | 3013 | 3115 | 2888 | 2084 |
| 70.0 | 2579 | 2610 | 2723 | 1521 | 1449 |
| 72.5 | 2158 | 2201 | 2163 | 1252 | 1259 |
| 75.0 | 1746 | 1794 | 1028 | 1044 | 1049 |
| 77.5 | 1340 | 1394 | 813 | 837 | 850 |
| 80.0 | 948 | 989 | 615 | 629 | 635 |
| 82.5 | 602 | 370 | 428 | 137 | 140 |
| 85.0 | 316 | 222 | 108 | 130 | 130 |
| 87.5 | 105 | 60 | 85 | 75 | 75 |
| 90.0 | 5 | 15 | 13 | 10 | 0 |
| 92.5 | 0 | 5 | 3 | 0 | 0 |
| 95.0 | 0 | 0 | 3 | 0 | 0 |
| 97.5 | 0 | 0 | 0 | 0 | 0 |
| 100.0 | 0 | 0 | 0 | 0 | 0 |
| 102.5 | 0 | 0 | 0 | 0 | 0 |
| 105.0 | 0 | 0 | 0 | 0 | 0 |
| 107.5 | 0 | 0 | 0 | 0 | 0 |
| 110.0 | 0 | 0 | 0 | 0 | 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