

LUMINAIRE: PEL4-50MM-HE-NL-EDU
 Peloton Led Highbay, Industrial
 4' Linear, Dual-Segment LED w/ 6 LED Boards with No Lens
BALLAST: XI190C275V054BSG1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 19098
WATTS: 108.65
MOUNTING: Pendant
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.30 90° = 1.29
LUMINOUS OPENING IN FEET
 LENGTH: 3.78
 WIDTH: 1.42
 HEIGHT: 0.08

TEST #20554

DATE: 4/16/2018

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 176

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.37

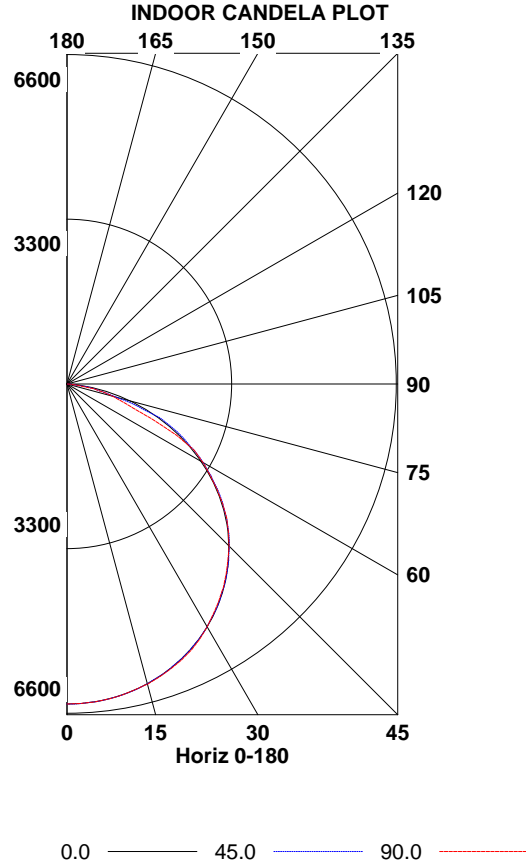
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

| ZONE | LUMENS | % LAMP | % FIXTURE |
|--------|--------|--------|-----------|
| 0-30 | 5068 | 26.5 | 26.5 |
| 0-40 | 8394 | 44.0 | 44.0 |
| 0-60 | 15204 | 79.6 | 79.6 |
| 0-90 | 19094 | 100.0 | 100.0 |
| 90-120 | 4 | 0.0 | 0.0 |
| 90-130 | 4 | 0.0 | 0.0 |
| 90-150 | 4 | 0.0 | 0.0 |
| 90-180 | 4 | 0.0 | 0.0 |
| 0-180 | 19098 | 100.0 | 100.0 |

AVERAGE LUMINANCE

| ANGLE | CANDELA/SQ M | | | | |
|-------|--------------|-------|-------|-------|-------|
| | 0.0 | 22.5 | 45.0 | 67.5 | 90.0 |
| 0 | 12858 | 12858 | 12858 | 12858 | 12858 |
| 30 | 12847 | 12680 | 12599 | 12541 | 12601 |
| 40 | 12801 | 12559 | 12469 | 12380 | 12406 |
| 45 | 12731 | 12460 | 12370 | 12257 | 12323 |
| 50 | 12595 | 12286 | 12212 | 12096 | 12208 |
| 55 | 12353 | 12004 | 11955 | 11832 | 11869 |
| 60 | 11994 | 11588 | 11549 | 11431 | 11500 |
| 65 | 11420 | 10984 | 10959 | 10831 | 10228 |
| 70 | 10617 | 10126 | 10151 | 7673 | 7169 |
| 75 | 9299 | 8813 | 6606 | 5986 | 6095 |
| 80 | 7300 | 6452 | 4784 | 4736 | 4700 |
| 85 | 4391 | 2927 | 1938 | 1268 | 1190 |



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 | 104 | 100 | 96 | 106 | 102 | 98 | 95 | 98 | 95 | 92 | 94 | 91 | 89 | 90 | 88 | 86 | 84 |
| 2 | 99 | 91 | 84 | 78 | 96 | 89 | 83 | 77 | 85 | 80 | 76 | 82 | 78 | 74 | 79 | 75 | 72 | 70 |
| 3 | 90 | 80 | 71 | 65 | 88 | 78 | 70 | 64 | 75 | 68 | 63 | 72 | 67 | 62 | 70 | 65 | 61 | 59 |
| R | 4 | 82 | 70 | 62 | 55 | 80 | 69 | 61 | 54 | 66 | 59 | 54 | 64 | 58 | 53 | 62 | 57 | 50 |
| C | 5 | 76 | 63 | 54 | 47 | 74 | 62 | 53 | 47 | 59 | 52 | 46 | 57 | 51 | 46 | 56 | 50 | 43 |
| R | 6 | 70 | 56 | 47 | 41 | 68 | 55 | 47 | 41 | 54 | 46 | 40 | 52 | 45 | 40 | 50 | 44 | 37 |
| | 7 | 65 | 51 | 42 | 36 | 63 | 50 | 42 | 36 | 49 | 41 | 36 | 47 | 40 | 35 | 46 | 40 | 33 |
| | 8 | 60 | 46 | 38 | 32 | 59 | 46 | 38 | 32 | 44 | 37 | 32 | 43 | 36 | 31 | 42 | 36 | 29 |
| | 9 | 56 | 43 | 34 | 29 | 55 | 42 | 34 | 29 | 41 | 34 | 28 | 40 | 33 | 28 | 39 | 33 | 26 |
| | 10 | 53 | 39 | 31 | 26 | 51 | 39 | 31 | 26 | 38 | 31 | 26 | 37 | 30 | 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: _____

LUMINAIRE: PEL4-50MM-HE-NL-EDU
Peloton Led Highbay, Industrial
4' Linear, Dual-Segment LED w/ 6 LED Boards with No Lens

TEST #20554
DATE: 4/16/2018

CANDELA VALUES

| ANGLE | 0.0 | 22.5 | 45.0 | 67.5 | 90.0 |
|-------|-------|------|------|------|------|
| 0.0 | 6412* | 6412 | 6412 | 6412 | 6412 |
| 2.5 | 6406 | 6407 | 6407 | 6407 | 6408 |
| 5.0 | 6389 | 6390 | 6392 | 6392 | 6392 |
| 7.5 | 6363 | 6363 | 6366 | 6366 | 6365 |
| 10.0 | 6326 | 6324 | 6330 | 6327 | 6326 |
| 12.5 | 6276 | 6274 | 6280 | 6276 | 6279 |
| 15.0 | 6216 | 6213 | 6219 | 6213 | 6224 |
| 17.5 | 6143 | 6140 | 6145 | 6139 | 6154 |
| 20.0 | 6060 | 6057 | 6062 | 6055 | 6071 |
| 22.5 | 5968 | 5962 | 5969 | 5960 | 5988 |
| 25.0 | 5863 | 5855 | 5862 | 5852 | 5884 |
| 27.5 | 5745 | 5737 | 5745 | 5732 | 5760 |
| 30.0 | 5616 | 5606 | 5613 | 5604 | 5619 |
| 32.5 | 5475 | 5464 | 5472 | 5461 | 5458 |
| 35.0 | 5322 | 5309 | 5321 | 5309 | 5303 |
| 37.5 | 5156 | 5142 | 5157 | 5145 | 5145 |
| 40.0 | 4977 | 4963 | 4982 | 4968 | 4963 |
| 42.5 | 4787 | 4774 | 4797 | 4779 | 4774 |
| 45.0 | 4584 | 4574 | 4601 | 4582 | 4590 |
| 47.5 | 4374 | 4357 | 4394 | 4376 | 4388 |
| 50.0 | 4139 | 4131 | 4170 | 4155 | 4176 |
| 52.5 | 3903 | 3889 | 3937 | 3920 | 3928 |
| 55.0 | 3640 | 3635 | 3687 | 3675 | 3668 |
| 57.5 | 3377 | 3368 | 3424 | 3416 | 3403 |
| 60.0 | 3100 | 3095 | 3153 | 3147 | 3147 |
| 62.5 | 2811 | 2814 | 2871 | 2871 | 2872 |
| 65.0 | 2516 | 2519 | 2581 | 2577 | 2416 |
| 67.5 | 2215 | 2220 | 2284 | 1994 | 1861 |
| 70.0 | 1916 | 1922 | 1992 | 1525 | 1412 |
| 72.5 | 1604 | 1615 | 1486 | 1154 | 1148 |
| 75.0 | 1295 | 1312 | 1027 | 946 | 952 |
| 77.5 | 994 | 1016 | 732 | 744 | 753 |
| 80.0 | 708 | 689 | 543 | 550 | 537 |
| 82.5 | 450 | 337 | 365 | 242 | 225 |
| 85.0 | 237 | 187 | 137 | 93 | 85 |
| 87.5 | 80 | 59 | 55 | 57 | 56 |
| 90.0 | 4 | 14 | 12 | 7 | 3 |
| 92.5 | 1 | 5 | 5 | 4 | 1 |
| 95.0 | 0 | 3 | 4 | 3 | 0 |
| 97.5 | 0 | 2 | 3 | 2 | 0 |
| 100.0 | 0 | 1 | 2 | 2 | 0 |
| 102.5 | 0 | 0 | 2 | 1 | 0 |
| 105.0 | 0 | 0 | 1 | 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