

LUMINAIRE: PEL2-30MM-HE-NL-EDU
 Peloton Led Highbay, Industrial
 2' Linear, Dual-Segment w/ 6 LED Boards, No Lens
 Data Scaled from Test# 18.00540
BALLAST: XI190C275V054BSG1
BALLAST FACTOR: 1.00
LAMP: Led
FIXTURE LUMENS: 18495
WATTS: 114.32
MOUNTING: Pendant
SHIELDING ANGLE: 0° = 90 90° = 90
SPACING CRITERION: 0° = 1.30 90° = 1.29
LUMINOUS OPENING IN FEET
 LENGTH: 1.96
 WIDTH: 1.42
 HEIGHT: 0.08

TEST #20527

DATE: 4/6/2018

TOTAL LUMINAIRE EFFICIENCY = 100.0

TOTAL LUMENS PER WATT = 162

ANSI/IESNA RP-1-2004 COMPLIANCE: NONCOMPLIANT

COMPARATIVE YEARLY LIGHTING ENERGY COST PER 1000 LUMENS = \$1.48

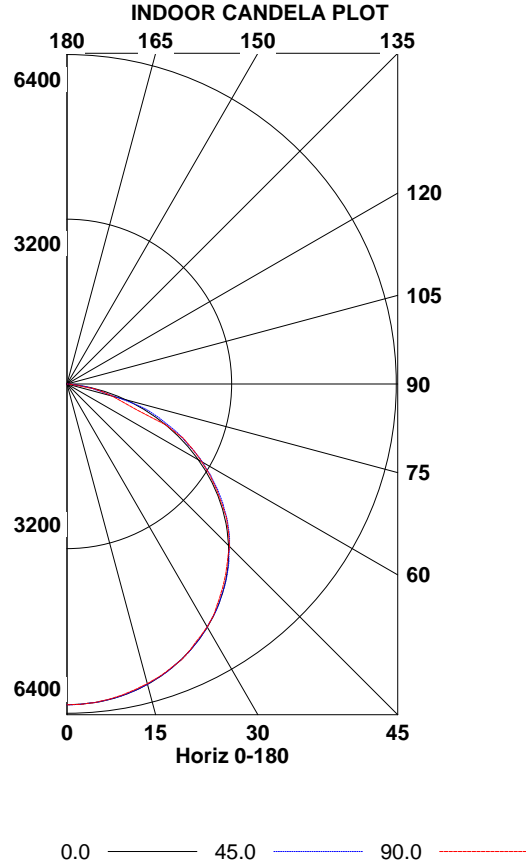
BASED ON 3000 HRS. AND \$.08 PER KWH

ZONAL LUMENS

| ZONE | LUMENS | % LAMP | % FIXTURE |
|--------|--------|--------|-----------|
| 0-30 | 4922 | 26.6 | 26.6 |
| 0-40 | 8153 | 44.1 | 44.1 |
| 0-60 | 14745 | 79.7 | 79.7 |
| 0-90 | 18489 | 100.0 | 100.0 |
| 90-120 | 6 | 0.0 | 0.0 |
| 90-130 | 6 | 0.0 | 0.0 |
| 90-150 | 6 | 0.0 | 0.0 |
| 90-180 | 6 | 0.0 | 0.0 |
| 0-180 | 18495 | 100.0 | 100.0 |

AVERAGE LUMINANCE

| ANGLE | CANDELA/SQ M | | | | |
|-------|--------------|-------|-------|-------|-------|
| | 0.0 | 22.5 | 45.0 | 67.5 | 90.0 |
| 0 | 24102 | 24102 | 24102 | 24102 | 24102 |
| 30 | 23796 | 23507 | 23423 | 23419 | 23572 |
| 40 | 23597 | 23201 | 23099 | 23084 | 23139 |
| 45 | 23327 | 22915 | 22866 | 22837 | 23134 |
| 50 | 22870 | 22451 | 22540 | 22477 | 22784 |
| 55 | 22230 | 21752 | 21921 | 21883 | 22073 |
| 60 | 21283 | 20764 | 21021 | 21027 | 21325 |
| 65 | 19934 | 19397 | 19717 | 19875 | 20322 |
| 70 | 18078 | 17523 | 17988 | 15466 | 13562 |
| 75 | 15224 | 14781 | 12310 | 10809 | 11186 |
| 80 | 11141 | 10935 | 7998 | 8386 | 8912 |
| 85 | 5447 | 4180 | 3082 | 2402 | 2024 |



COEFFICIENTS OF UTILIZATION (%)

| RC | EFFECTIVE FLOOR CAVITY REFLECTANCE = 20% | | | | | | | | | | | | | | | | | | |
|----|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| | 80% | | | | 70% | | | | 50% | | | | 30% | | | | | | |
| | 70% | 50% | 30% | 10% | 70% | 50% | 30% | 10% | 70% | 50% | 30% | 10% | 70% | 50% | 30% | 10% | | | |
| RW | 70% | 50% | 30% | 10% | 70% | 50% | 30% | 10% | 70% | 50% | 30% | 10% | 70% | 50% | 30% | 10% | | | |
| 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 | 71 | 64 | 75 | 69 | 63 | 72 | 67 | 62 | 70 | 65 | 61 | 59 | |
| R | 4 | 82 | 70 | 62 | 55 | 80 | 69 | 61 | 54 | 67 | 59 | 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 | 56 | 47 | 41 | 68 | 55 | 47 | 41 | 54 | 46 | 40 | 52 | 45 | 40 | 50 | 44 | 40 | 38 |
| 7 | 65 | 51 | 42 | 36 | 63 | 50 | 42 | 36 | 49 | 41 | 36 | 47 | 40 | 35 | 46 | 40 | 35 | 33 | |
| 8 | 60 | 47 | 38 | 32 | 59 | 46 | 38 | 32 | 44 | 37 | 32 | 43 | 36 | 32 | 42 | 36 | 31 | 29 | |
| 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 | |

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: _____

LUMINAIRE: PEL2-30MM-HE-NL-EDU
Peloton Led Highbay, Industrial
2' Linear, Dual-Segment w/ 6 LED Boards, No Lens
Data Scaled from Test# 18.00540

TEST #20527
DATE: 4/6/2018

CANDELA VALUES

| ANGLE | 0.0 | 22.5 | 45.0 | 67.5 | 90.0 |
|-------|-------|------|------|------|------|
| 0.0 | 6232* | 6232 | 6232 | 6232 | 6232 |
| 2.5 | 6227 | 6227 | 6227 | 6227 | 6229 |
| 5.0 | 6212 | 6211 | 6212 | 6211 | 6211 |
| 7.5 | 6185 | 6184 | 6186 | 6183 | 6180 |
| 10.0 | 6148 | 6147 | 6149 | 6146 | 6138 |
| 12.5 | 6099 | 6099 | 6100 | 6096 | 6083 |
| 15.0 | 6040 | 6038 | 6041 | 6036 | 6026 |
| 17.5 | 5970 | 5966 | 5970 | 5966 | 5961 |
| 20.0 | 5888 | 5884 | 5888 | 5884 | 5878 |
| 22.5 | 5797 | 5791 | 5797 | 5791 | 5803 |
| 25.0 | 5693 | 5687 | 5693 | 5689 | 5688 |
| 27.5 | 5579 | 5570 | 5580 | 5575 | 5560 |
| 30.0 | 5454 | 5444 | 5453 | 5449 | 5450 |
| 32.5 | 5316 | 5305 | 5317 | 5312 | 5313 |
| 35.0 | 5163 | 5156 | 5169 | 5164 | 5139 |
| 37.5 | 5004 | 4994 | 5010 | 5004 | 4973 |
| 40.0 | 4834 | 4824 | 4839 | 4832 | 4800 |
| 42.5 | 4642 | 4641 | 4658 | 4650 | 4621 |
| 45.0 | 4439 | 4438 | 4468 | 4458 | 4468 |
| 47.5 | 4221 | 4227 | 4269 | 4256 | 4253 |
| 50.0 | 3986 | 3995 | 4053 | 4037 | 4041 |
| 52.5 | 3744 | 3751 | 3819 | 3807 | 3779 |
| 55.0 | 3489 | 3499 | 3570 | 3559 | 3537 |
| 57.5 | 3224 | 3236 | 3312 | 3303 | 3292 |
| 60.0 | 2946 | 2960 | 3041 | 3037 | 3026 |
| 62.5 | 2663 | 2675 | 2759 | 2763 | 2754 |
| 65.0 | 2369 | 2389 | 2472 | 2487 | 2489 |
| 67.5 | 2073 | 2096 | 2181 | 2192 | 2081 |
| 70.0 | 1778 | 1802 | 1891 | 1622 | 1385 |
| 72.5 | 1476 | 1503 | 1588 | 1118 | 1102 |
| 75.0 | 1174 | 1208 | 1035 | 906 | 906 |
| 77.5 | 886 | 923 | 682 | 708 | 716 |
| 80.0 | 616 | 656 | 499 | 521 | 528 |
| 82.5 | 376 | 301 | 333 | 231 | 204 |
| 85.0 | 180 | 158 | 124 | 96 | 75 |
| 87.5 | 41 | 57 | 52 | 46 | 40 |
| 90.0 | 4 | 19 | 20 | 11 | 2 |
| 92.5 | 0 | 8 | 8 | 6 | 0 |
| 95.0 | 0 | 4 | 7 | 4 | 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 | 1 | 1 | 1 | 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