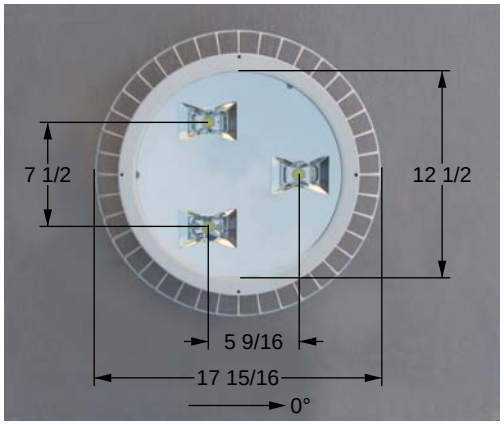
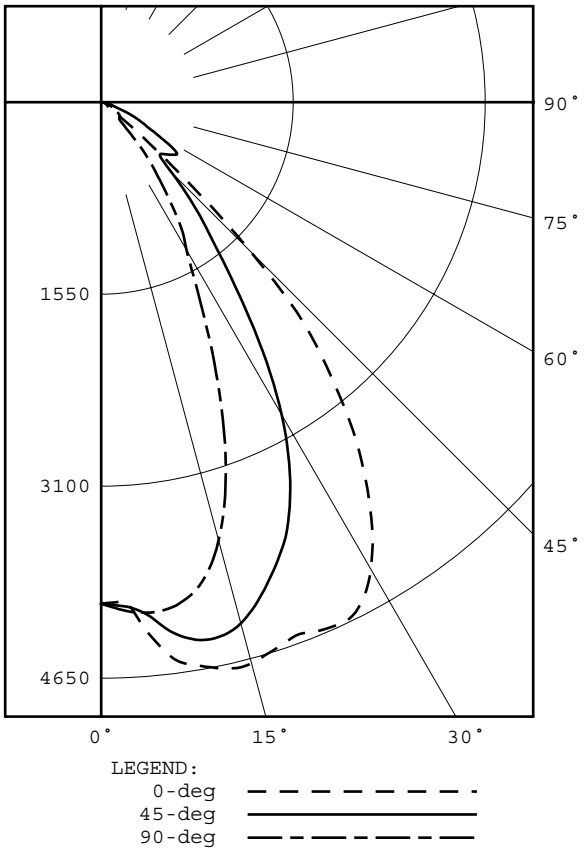
itl boulder
THE LIGHT CENTER OF THE INDUSTRY SINCE 1955
NVLAP LAB CODE: 200925-0
INDEPENDENT TESTING LABORATORIES, INC.
3386 LONGHORN ROAD, BOULDER, CO 80302 USA
PHONE: (303)442-1255 • FAX: (303)449-5274 • E-MAIL: itl@itlboulder.com • WEBSITE: www.itlboulder.com



REPORT NUMBER: ITL74387
ISSUE DATE: 09/13/12
PREPARED FOR: RAB LIGHTING, INC.
CATALOG NUMBER: AISLED78 (FLAT GLASS LENS - CEILING AND/OR PENDENT MOUNT - AISLE DISTRIBUTION)
LUMINAIRE: CAST 2-PIECE WHITE PAINTED FINNED METAL HOUSING, 3 FLAT METAL HEAT SINKS, 3 CIRCUIT BOARDS EACH WITH 1 LED AND MOLDED PLASTIC REFLECTOR WITH SPECULAR FINISH, MOLDED PLASTIC TRIM WITH SPECULAR FINISH AND 1 APERTURE PER LED, CLEAR FLAT GLASS LENS IN CAST WHITE PAINTED METAL LENS FRAME.
LAMPS: THREE WHITE MULTI-CHIP LIGHT EMITTING DIODES (LEDS), VERTICAL BASE-UP POSITION.
TOTAL INPUT WATTS = 96.1 AT 120.0 VOLTS
LED DRIVERS: THREE RAB RDF25U7-02
NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED AT RATED INPUT VOLTAGE (120VAC, 60Hz) TO THE LED DRIVERS.
TEST PROCEDURE: IESNA LM-79-08
TEST DISTANCE = 25.25 FEET




| CANDELA DISTRIBUTION | | | | | | FLUX |
|---|---|---|---|---|---|---|
| | 0.0 | 25.0 | 45.0 | 65.0 | 90.0 | |
| 0 | 4048 | 4048 | 4048 | 4048 | 4048 | |
| 5 | 4297 | 4240 | 4146 | 4112 | 4137 | 406 |
| 15 | 4690 | 4644 | 4355 | 3872 | 3662 | 1184 |
| 25 | 4632 | 4742 | 3601 | 2359 | 2023 | 1593 |
| 35 | 3723 | 3956 | 2019 | 964 | 957 | 1450 |
| 45 | 1707 | 2675 | 811 | 316 | 240 | 902 |
| 55 | 130 | 1104 | 739 | 218 | 178 | 461 |
| 65 | 46 | 592 | 325 | 100 | 104 | 250 |
| 75 | 41 | 35 | 85 | 70 | 47 | 71 |
| 85 | 2 | 2 | 1 | 1 | 8 | 6 |
| 90 | 0 | 0 | 0 | 0 | 0 | |




ZONAL LUMEN SUMMARY

| ZONE | LUMENS | %FIXT |
|---|---|---|
| 0- 30 | 3183 | 50.3 |
| 0- 40 | 4633 | 73.3 |
| 0- 60 | 5995 | 94.8 |
| 0- 90 | 6322 | 100.0 |
| 90-180 | 0 | 0.0 |
| 0-180 | 6322 | 100.0 |

EFFICACY = 65.8 lm/W
CIE TYPE - DIRECT

| PLANE | : 0-DEG | 90-DEG |
|---|---|---|
| SPACING CRITERIA | : 1.41 | 0.81 |
| BEAM ANGLE (50%) | : 85.4 X | 46.1 DEGREES |
| FIELD ANGLE (10%) | : 99.6 X | 82.8 DEGREES |
| LUMINOUS DIAMETER | : 12.500 | |

LUMINANCE DATA IN CANDELA/SQ M

| ANGLE IN DEG | AVERAGE 0-DEG | AVERAGE 45-DEG | AVERAGE 90-DEG |
|---|---|---|---|
| 45 | 30491. | 14486. | 4287. |
| 55 | 2863. | 16273. | 3920. |
| 65 | 1375. | 9713. | 3108. |
| 75 | 2001. | 4148. | 2294. |
| 85 | 290. | 145. | 1159. |

Checked *S BERGIN*
Approved *R BEATTIE*
Lighting Engineer

itl boulder
THE LIGHT CENTER OF THE INDUSTRY SINCE 1955
INDEPENDENT TESTING LABORATORIES, INC.
3386 LONGHORN ROAD, BOULDER, CO 80302 USA
PHONE: (303)442-1255 • FAX: (303)449-5274 • E-MAIL: itl@itlboulder.com • WEBSITE: www.itlboulder.com

NVLAP LAB CODE: 200925-0

REPORT NUMBER: ITL74387 
ISSUE DATE: 09/13/12
PREPARED FOR: RAB LIGHTING, INC.

CANDELA DISTRIBUTION
LATERAL ANGLE

| | 0.0 | 5.0 | 15.0 | 25.0 | 35.0 | 45.0 | 55.0 | 65.0 | 75.0 | 85.0 | 90.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 4048 | 4048 | 4048 | 4048 | 4048 | 4048 | 4048 | 4048 | 4048 | 4048 | 4048 |
| 2.5 | 4033 | 4035 | 4036 | 4046 | 4060 | 4072 | 4086 | 4093 | 4092 | 4100 | 4106 |
| 5.0 | 4297 | 4296 | 4274 | 4240 | 4199 | 4146 | 4100 | 4112 | 4125 | 4132 | 4137 |
| 7.5 | 4536 | 4535 | 4526 | 4494 | 4411 | 4310 | 4211 | 4108 | 4100 | 4120 | 4126 |
| 10.0 | 4621 | 4616 | 4609 | 4586 | 4530 | 4406 | 4261 | 4127 | 4018 | 4051 | 4057 |
| 12.5 | 4683 | 4676 | 4670 | 4622 | 4529 | 4420 | 4219 | 4066 | 3910 | 3902 | 3911 |
| 15.0 | 4690 | 4686 | 4689 | 4644 | 4522 | 4355 | 4094 | 3872 | 3695 | 3648 | 3662 |
| 17.5 | 4636 | 4640 | 4669 | 4651 | 4497 | 4217 | 3898 | 3584 | 3371 | 3311 | 3326 |
| 20.0 | 4585 | 4599 | 4649 | 4671 | 4456 | 4043 | 3586 | 3204 | 2973 | 2910 | 2920 |
| 22.5 | 4617 | 4635 | 4690 | 4693 | 4398 | 3853 | 3213 | 2779 | 2535 | 2458 | 2467 |
| 25.0 | 4632 | 4652 | 4713 | 4742 | 4324 | 3601 | 2850 | 2359 | 2104 | 2021 | 2023 |
| 27.5 | 4551 | 4578 | 4642 | 4700 | 4207 | 3286 | 2463 | 1975 | 1783 | 1671 | 1649 |
| 30.0 | 4352 | 4380 | 4474 | 4575 | 4000 | 2915 | 2010 | 1588 | 1492 | 1417 | 1378 |
| 32.5 | 4071 | 4081 | 4205 | 4302 | 3687 | 2484 | 1565 | 1223 | 1173 | 1205 | 1201 |
| 35.0 | 3723 | 3700 | 3848 | 3956 | 3256 | 2019 | 1178 | 964 | 885 | 942 | 957 |
| 37.5 | 3337 | 3325 | 3515 | 3615 | 2822 | 1615 | 912 | 769 | 702 | 732 | 744 |
| 40.0 | 2888 | 2927 | 3156 | 3354 | 2516 | 1312 | 741 | 604 | 558 | 574 | 581 |
| 42.5 | 2428 | 2488 | 2762 | 3065 | 2283 | 1065 | 599 | 464 | 401 | 389 | 387 |
| 45.0 | 1707 | 1777 | 2158 | 2675 | 1962 | 811 | 437 | 316 | 264 | 242 | 240 |
| 47.5 | 922 | 984 | 1416 | 2071 | 1580 | 646 | 341 | 250 | 218 | 197 | 198 |
| 50.0 | 437 | 488 | 865 | 1461 | 1230 | 650 | 331 | 235 | 209 | 186 | 191 |
| 52.5 | 207 | 261 | 635 | 1137 | 1193 | 696 | 346 | 230 | 209 | 181 | 187 |
| 55.0 | 130 | 181 | 588 | 1104 | 1195 | 739 | 344 | 218 | 201 | 178 | 178 |
| 57.5 | 80 | 111 | 555 | 1069 | 1088 | 680 | 300 | 196 | 174 | 162 | 160 |
| 60.0 | 59 | 67 | 394 | 950 | 954 | 517 | 243 | 161 | 155 | 158 | 160 |
| 62.5 | 51 | 51 | 202 | 784 | 820 | 402 | 184 | 129 | 136 | 135 | 136 |
| 65.0 | 46 | 46 | 90 | 592 | 695 | 325 | 137 | 100 | 113 | 108 | 104 |
| 67.5 | 41 | 42 | 52 | 387 | 589 | 242 | 89 | 74 | 101 | 93 | 84 |
| 70.0 | 39 | 39 | 42 | 220 | 462 | 153 | 53 | 76 | 94 | 75 | 60 |
| 72.5 | 39 | 39 | 39 | 102 | 301 | 108 | 22 | 83 | 85 | 60 | 49 |
| 75.0 | 41 | 41 | 36 | 35 | 139 | 85 | 12 | 70 | 75 | 51 | 47 |
| 77.5 | 35 | 34 | 29 | 18 | 42 | 60 | 9 | 50 | 65 | 44 | 41 |
| 80.0 | 25 | 24 | 16 | 12 | 22 | 30 | 6 | 20 | 33 | 23 | 21 |
| 82.5 | 13 | 12 | 8 | 7 | 8 | 9 | 3 | 4 | 10 | 12 | 12 |
| 85.0 | 2 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 2 | 6 | 8 |
| 87.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 90.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

itl boulder
THE LIGHT CENTER OF THE INDUSTRY SINCE 1955
NVLAP LAB CODE: 200925-0
INDEPENDENT TESTING LABORATORIES, INC.
3386 LONGHORN ROAD, BOULDER, CO 80302 USA
PHONE: (303)442-1255 • FAX: (303)449-5274 • E-MAIL: itl@itlboulder.com • WEBSITE: www.itlboulder.com

REPORT NUMBER: ITL74387 
ISSUE DATE: 09/13/12
PREPARED FOR: RAB LIGHTING, INC.

5-DEGREE ZONAL LUMEN SUMMARY

| | |
|---|---|
| 0- 5 | 98 |
| 5- 10 | 308 |
| 10- 15 | 512 |
| 15- 20 | 672 |
| 20- 25 | 774 |
| 25- 30 | 820 |
| 30- 35 | 779 |
| 35- 40 | 671 |
| 40- 45 | 548 |
| 45- 50 | 354 |
| 50- 55 | 243 |
| 55- 60 | 218 |
| 60- 65 | 155 |
| 65- 70 | 95 |
| 70- 75 | 50 |
| 75- 80 | 21 |
| 80- 85 | 5 |
| 85- 90 | 0 |

10-DEGREE ZONAL LUMEN SUMMARY

| | |
|---|---|
| 0- 10 | 406 |
| 0- 20 | 1590 |
| 0- 30 | 3183 |
| 0- 40 | 4633 |
| 0- 50 | 5535 |
| 0- 60 | 5995 |
| 0- 70 | 6245 |
| 0- 80 | 6316 |
| 0- 90 | 6322 |

itl boulder
THE LIGHT CENTER OF THE INDUSTRY SINCE 1955
NVLAP LAB CODE: 200925-0
INDEPENDENT TESTING LABORATORIES, INC.
3386 LONGHORN ROAD, BOULDER, CO 80302 USA
PHONE: (303)442-1255 • FAX: (303)449-5274 • E-MAIL: itl@itlboulder.com • WEBSITE: www.itlboulder.com



ISSUE DATE: 09/13/12

PREPARED FOR: RAB LIGHTING, INC.

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

EFFECTIVE FLOOR CAVITY REFLECTANCE 0.20

| RC | 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 | 112 | 109 | 106 | 103 | 110 | 107 | 104 | 101 | 102 | 100 | 98 | 99 | 97 | 95 | 95 | 94 | 92 | 91 |
| 2 | 105 | 99 | 94 | 90 | 103 | 97 | 93 | 89 | 94 | 90 | 87 | 91 | 88 | 85 | 88 | 85 | 83 | 81 |
| 3 | 98 | 90 | 84 | 79 | 96 | 89 | 83 | 78 | 86 | 81 | 77 | 83 | 79 | 76 | 81 | 78 | 75 | 73 |
| 4 | 92 | 82 | 76 | 71 | 90 | 81 | 75 | 70 | 79 | 74 | 69 | 77 | 72 | 68 | 75 | 71 | 68 | 66 |
| 5 | 86 | 76 | 69 | 63 | 84 | 75 | 68 | 63 | 73 | 67 | 62 | 71 | 66 | 62 | 69 | 65 | 61 | 60 |
| 6 | 81 | 70 | 63 | 57 | 79 | 69 | 62 | 57 | 67 | 61 | 57 | 66 | 60 | 56 | 64 | 60 | 56 | 54 |
| 7 | 76 | 65 | 57 | 52 | 74 | 64 | 57 | 52 | 62 | 56 | 52 | 61 | 56 | 52 | 60 | 55 | 51 | 50 |
| 8 | 71 | 60 | 53 | 48 | 70 | 59 | 53 | 48 | 58 | 52 | 48 | 57 | 51 | 47 | 56 | 51 | 47 | 46 |
| 9 | 67 | 56 | 49 | 44 | 66 | 55 | 49 | 44 | 54 | 48 | 44 | 53 | 48 | 44 | 52 | 47 | 44 | 42 |
| 10 | 63 | 52 | 45 | 41 | 62 | 52 | 45 | 41 | 51 | 45 | 41 | 50 | 44 | 41 | 49 | 44 | 40 | 39 |

ALL CANDELA, LUMENS, LUMINANCE, AND VCP VALUES IN THIS REPORT ARE BASED ON ABSOLUTE PHOTOMETRY. THE COEFFICIENT OF UTILIZATION VALUES ARE BASED ON THE TOTAL ABSOLUTE LUMEN OUTPUT OF THIS TEST SAMPLE.

itl boulder
THE LIGHT CENTER OF THE INDUSTRY SINCE 1955
NVLAP LAB CODE: 200925-0
INDEPENDENT TESTING LABORATORIES, INC.
3386 LONGHORN ROAD, BOULDER, CO 80302 USA
PHONE: (303)442-1255 • FAX: (303)449-5274 • E-MAIL: itl@itlboulder.com • WEBSITE: www.itlboulder.com


ISSUE DATE: 09/13/12
PREPARED FOR: RAB LIGHTING, INC.

ADDRESS: 170 LUDLOW AVE
NORTHVALE, NJ 07647

THIS ITL REPORT WITH THE USE OF THE NVLAP LOGO SHALL NOT BE USED BY THE CLIENT TO CLAIM PRODUCT CERTIFICATION, APPROVAL, OR ENDORSEMENT BY NVLAP, NIST, OR ANY AGENCY OF THE FEDERAL GOVERNMENT.

itl boulder
THE LIGHT CENTER OF THE INDUSTRY SINCE 1955
NVLAP LAB CODE: 200925-0
INDEPENDENT TESTING LABORATORIES, INC.
3386 LONGHORN ROAD, BOULDER, CO 80302 USA
PHONE: (303)442-1255 • FAX: (303)449-5274 • E-MAIL: itl@itlboulder.com • WEBSITE: www.itlboulder.com



REPORT NUMBER: ITL74393
DATE: 09/18/12
PREPARED FOR: RAB LIGHTING, INC.
CATALOG NUMBER: AISLED78 (FLAT GLASS LENS - CEILING AND/OR PENDENT MOUNT - AISLE DISTRIBUTION)

ADDRESS: 170 LUDLOW AVE
NORTHVALE, NJ 07647

LUMINAIRE: CAST 2-PIECE WHITE PAINTED FINNED METAL HOUSING, 3 FLAT METAL HEAT SINKS, 3 CIRCUIT BOARDS EACH WITH 1 LED AND MOLDED PLASTIC REFLECTOR WITH SPECULAR FINISH, MOLDED PLASTIC TRIM WITH SPECULAR FINISH AND 1 APERTURE PER LED, CLEAR FLAT GLASS LENS IN CAST WHITE PAINTED METAL LENS FRAME.

LAMP: THREE WHITE MULTI-CHIP LIGHT EMITTING DIODES (LEDS), VERTICAL BASE-UP POSITION.

DRIVER: THREE RAB RDF25U7-02

NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED AT RATED INPUT VOLTAGE (120VAC, 60Hz) TO THE LED DRIVERS.

| INSTRUMENTS: | | Calibration Due: |
|---|---|---|
| | Associated Power Technologies APT6040 AC Power Source | N/A |
| | Yokogawa WT210 Digital Power Meter #8 | 01/26/13 |
| | Ocean Optics QE65000 Spectroradiometer | 06/05/13 |
| | ITL 2.0 meter Diameter Integrating Sphere, 4PI Geometry | 06/05/13 |

OBJECT OF TEST: Measure the Total Radiant Flux*, Spectral Power Distribution (SPD), Correlated Color Temperature (CCT), Color Rendering Indices (CRIa,1-14), Chromaticity Coordinates (x,y; u'v'), ANSI C78.377 Duv, and electrical data including ANSI C82.77-2002 Power Factor (PF) and Total Harmonic Distortion (THD) to the test sample. Report Off-State Power.

PROCEDURE: The test sample was provided by the customer and had an unknown number of burn hours. The test sample was mounted inside the integrating sphere and allowed to stabilize. After stabilization occurred, measurements were taken. In order to measure mean performance, multiple data sets were recorded and averaged. Readings were taken with the test sample operating at 120VAC input in a 25 +/-1 degree Celsius free air ambient and in accordance with IESNA LM-79-08. All data are traceable to the National Institute of Standards and Technology. Off-State Power was reported with no voltage applied to the sample.

*NOTE: Proper calibration of integrating spheres for measuring total flux output of non-directional samples will produce reliable, repeatable results within the calibration tolerances of the equipment used. However, measurement of test samples with significant self absorption and/or directional output, even when these effects are compensated for, are likely to have a greater variation in results compared to the flux output calculated from a goniophotometric exploration since these artifacts do not affect the goniophotometric results.

RESULTS: (continued subsequent pages)



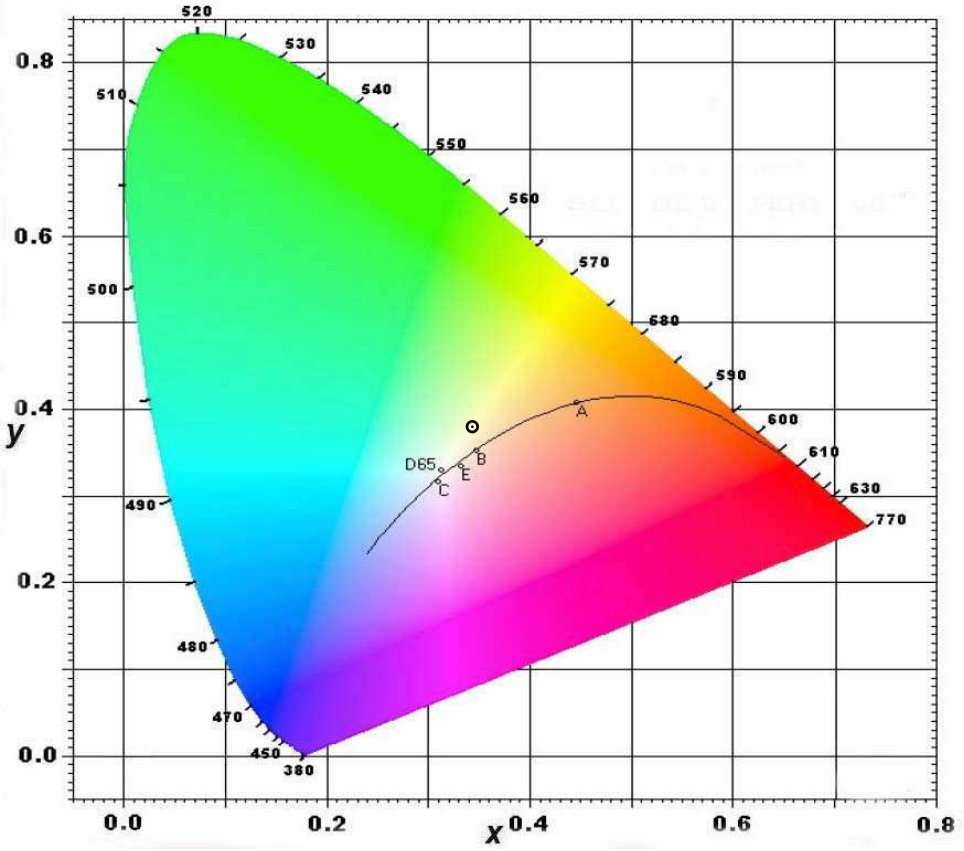
Checked *T BERGER*
Approved *N GULLY*
Lighting Engineer

itl boulder
THE LIGHT CENTER OF THE INDUSTRY SINCE 1955
NVLAP LAB CODE: 200925-0
INDEPENDENT TESTING LABORATORIES, INC.
3386 LONGHORN ROAD, BOULDER, CO 80302 USA
PHONE: (303)442-1255 • FAX: (303)449-5274 • E-MAIL: itl@itlboulder.com • WEBSITE: www.itlboulder.com



REPORT NUMBER: ITL74393
DATE: 09/18/12
PREPARED FOR: RAB LIGHTING, INC.
CATALOG NUMBER: AISLED78 (FLAT GLASS LENS - CEILING AND/OR PENDENT MOUNT - AISLE DISTRIBUTION)

## CIE Chromaticity Diagram



NVLAP LAB CODE: 200925-0

itl boulder
THE LIGHT CENTER OF THE INDUSTRY SINCE 1955

INDEPENDENT TESTING LABORATORIES, INC.
3386 LONGHORN ROAD, BOULDER, CO 80302 USA

PHONE: (303)442-1255 • FAX: (303)449-5274 • E-MAIL: itl@itlboulder.com • WEBSITE: www.itlboulder.com



REPORT NUMBER: ITL74393
DATE: 09/18/12
PREPARED FOR: RAB LIGHTING, INC.
CATALOG NUMBER: AISLED78 (FLAT GLASS LENS - CEILING AND/OR PENDENT MOUNT - AISLE DISTRIBUTION)

RESULTS:

| SPECTRORADIOMETRIC | |
|---|---|
| Observer | CIE 1931 2 degree |
| Chromaticity Ordinate x | 0.3431 |
| Chromaticity Ordinate y | 0.3795 |
| Observer | CIE 1976 2 degree |
| Chromaticity Ordinate u’ | 0.1998 |
| Chromaticity Ordinate v’ | 0.4973 |
| Correlated Color Temp CCT (K) | 5148 |
| Color Rendering Index (CRIa) | 68 |
| Color Rendering Index 1 (Light greyish red) | 62 |
| Color Rendering Index 2 (Dark greyish yellow) | 73 |
| Color Rendering Index 3 (Strong yellowish green) | 82 |
| Color Rendering Index 4 (Moderate yellowish green) | 66 |
| Color Rendering Index 5 (Light bluish green) | 63 |
| Color Rendering Index 6 (Light blue) | 63 |
| Color Rendering Index 7 (Light violet) | 83 |
| Color Rendering Index 8 (Light reddish purple) | 51 |
| Color Rendering Index 9 (Strong red) | -51 |
| Color Rendering Index 10 (Strong yellow) | 36 |
| Color Rendering Index 11 (Strong green) | 59 |
| Color Rendering Index 12 (Strong blue) | 30 |
| Color Rendering Index 13 (Light yellowish pink (skin)) | 64 |
| Color Rendering Index 14 (Moderate olive green (leaf)) | 90 |
| ANSI C78.377-2008 Duv | 0.014 |
| Total Radiant Flux (milliWatts) | 17974 * |
| | |
| ELECTRICAL FOR SPECTRORADIOMETRIC TEST | |
| Input Voltage (Volts AC ) | 120.0 |
| Input Current (Amps AC ) | 0.814 |
| Input Power (Watts) | 95.9 |
| Input Power Factor (%) | 98.2 |
| Input Current THD (%) | 13.0 |
| Input Voltage THD (%) | 0.1 |
| Off-State Power (Watts) | 0.0 |

*NOTE: Proper calibration of integrating spheres for measuring total flux output of non-directional samples will produce reliable, repeatable results within the calibration tolerances of the equipment used. However, measurement of test samples with significant self absorption and/or directional output, even when these effects are compensated for, are likely to have a greater variation in results compared to the flux output calculated from a goniophotometric exploration since these artifacts do not affect the goniophotometric results.

itl boulder
THE LIGHT CENTER OF THE INDUSTRY SINCE 1955
NVLAP LAB CODE: 200925-0
INDEPENDENT TESTING LABORATORIES, INC.
3386 LONGHORN ROAD, BOULDER, CO 80302 USA
PHONE: (303)442-1255 • FAX: (303)449-5274 • E-MAIL: itl@itlboulder.com • WEBSITE: www.itlboulder.com



REPORT NUMBER: ITL74393
DATE: 09/18/12
PREPARED FOR: RAB LIGHTING, INC.
CATALOG NUMBER: AISLED78 (FLAT GLASS LENS - CEILING AND/OR PENDENT MOUNT - AISLE DISTRIBUTION)

RESULTS:

| Wavelength | mW per nm | Wavelength | mW per nm | Wavelength | mW per nm |
|---|---|---|---|---|---|
| 380 | 2.033 | 515 | 67.457 | 650 | 35.591 |
| 385 | 2.128 | 520 | 80.405 | 655 | 31.967 |
| 390 | 2.221 | 525 | 90.989 | 660 | 28.646 |
| 395 | 2.606 | 530 | 98.897 | 665 | 25.602 |
| 400 | 2.495 | 535 | 104.430 | 670 | 22.811 |
| 405 | 2.587 | 540 | 107.940 | 675 | 20.286 |
| 410 | 2.899 | 545 | 109.867 | 680 | 18.037 |
| 415 | 4.306 | 550 | 110.597 | 685 | 15.960 |
| 420 | 7.673 | 555 | 110.327 | 690 | 14.118 |
| 425 | 13.952 | 560 | 109.393 | 695 | 12.470 |
| 430 | 23.752 | 565 | 107.758 | 700 | 10.975 |
| 435 | 39.421 | 570 | 105.706 | 705 | 9.671 |
| 440 | 59.672 | 575 | 103.031 | 710 | 8.512 |
| 445 | 91.984 | 580 | 99.814 | 715 | 7.470 |
| 450 | 133.051 | 585 | 96.161 | 720 | 6.564 |
| 455 | 140.585 | 590 | 92.150 | 725 | 5.760 |
| 460 | 101.937 | 595 | 87.771 | 730 | 5.058 |
| 465 | 67.227 | 600 | 83.057 | 735 | 4.428 |
| 470 | 49.214 | 605 | 78.130 | 740 | 3.878 |
| 475 | 34.867 | 610 | 73.074 | 745 | 3.403 |
| 480 | 25.435 | 615 | 67.919 | 750 | 2.991 |
| 485 | 21.571 | 620 | 62.743 | 755 | 2.630 |
| 490 | 21.106 | 625 | 57.699 | 760 | 2.311 |
| 495 | 23.607 | 630 | 52.765 | 765 | 2.040 |
| 500 | 30.065 | 635 | 48.089 | 770 | 1.793 |
| 505 | 40.798 | 640 | 43.693 | 775 | 1.571 |
| 510 | 53.497 | 645 | 39.508 | 780 | 1.353 |