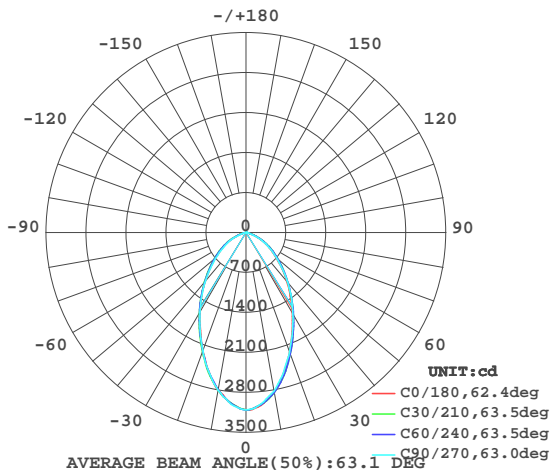


LUMINAIRE PHOTOMETRIC TEST REPORT

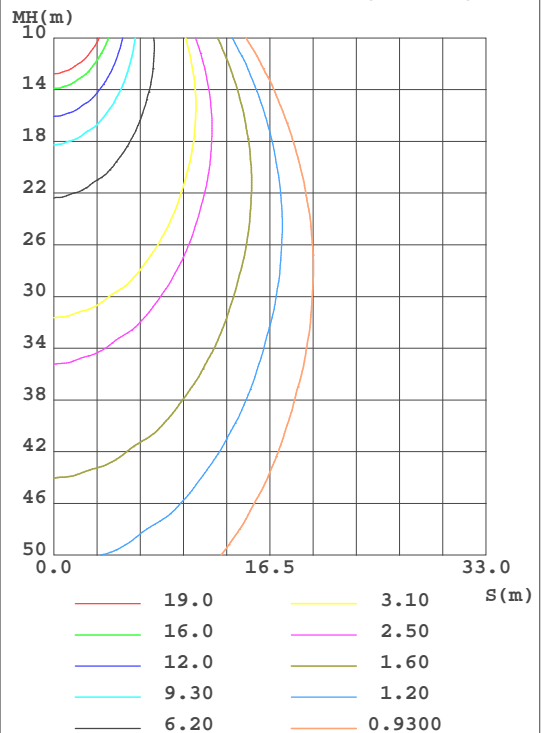
| | | |
|---|----------|-------------------|
| Test:U:120.2V I:0.3157A P:37.42W PF:0.9860 Lamp Flux:4295.66x1 lm | | |
| NAME: NYXNC8RDM9CCT5SDUALDIMMDCC | TYPE:LED | WEIGHT: |
| SPEC.:NYXNC8RDM9CCT5SDUALDIMMDCC | DIM.: | SERIAL No.:01 |
| MFR.: GREEN CREATIVE | SUR.: | PROTECTION ANGLE: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 114.80 lm/W | | | |
|------------------|---------|-----------------------------------|--------|-------------------|----------|
| MODEL | | I _{max} (cd) | 3111 | S/MH(C0/180) | 0.87 |
| NOMINAL POWER(W) | 40 | LOR(%) | 100.0 | S/MH(C90/270) | 0.87 |
| RATED VOLTAGE(V) | 120 | TOTAL FLUX(lm) | 4295.7 | h UP,DN(C0-180) | 0.1,49.6 |
| NOMINAL FLUX(lm) | 4295.66 | CIE CLASS | DIRECT | h UP,DN(C180-360) | 0.1,50.2 |
| LAMPS INSIDE | 1 | h up(%) | 0.2 | CIBSE SHR NOM | 1.00 |
| TEST VOLTAGE(V) | 120 | h down(%) | 99.8 | CIBSE SHR MAX | 1.00 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2023-12-05

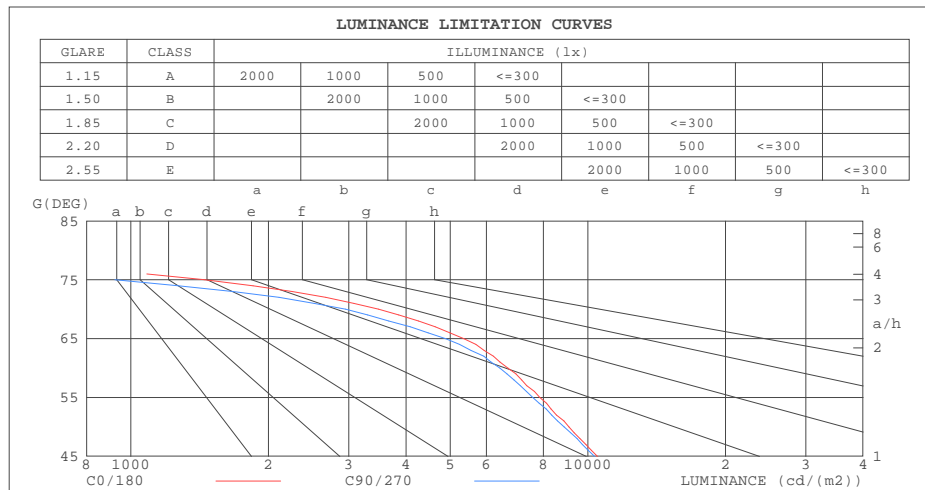
g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:10.627m [K=1.0000]
Remarks: TRP-231130SHA-01_F155
T311301
8'40W
3500K LENS Clear trim

\\192.168.8.200\qa\Lab\temporary\IES Files\8'' M\NYXNC8RDM9CCT5SDUALDIMMDCC\NYXNC8RDM9CCT5SDUALDIMMDCC 40W 3500K LENS Clear trim.GOS

ZONAL FLUX DIAGRAM
AND LUMINANCE LIMITATION CURVES

ZONAL FLUX DIAGRAM:

| g | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | g | F zone | F total | %lum |
|-----|-----------------------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|------|
| 10 | 2805 | 2796 | 2808 | 2841 | 2841 | 2853 | 2825 | 2815 | 0~ 10 | 281.8 | 281.8 | 6.56 |
| 20 | 2211 | 2237 | 2210 | 2259 | 2237 | 2275 | 2231 | 2258 | 10~ 20 | 712.0 | 993.8 | 23.1 |
| 30 | 1612 | 1652 | 1615 | 1663 | 1624 | 1672 | 1644 | 1671 | 20~ 30 | 886.9 | 1881 | 43.8 |
| 40 | 1112 | 1141 | 1102 | 1140 | 1113 | 1147 | 1136 | 1147 | 30~ 40 | 859.8 | 2741 | 63.8 |
| 50 | 701.7 | 748.6 | 684.8 | 739.0 | 700.4 | 750.5 | 708.2 | 753.4 | 40~ 50 | 704.5 | 3445 | 80.2 |
| 60 | 401.6 | 437.5 | 385.1 | 431.9 | 400.4 | 443.0 | 402.9 | 444.5 | 50~ 60 | 502.6 | 3948 | 91.9 |
| 70 | 143.0 | 164.7 | 121.0 | 161.0 | 142.6 | 170.4 | 135.7 | 169.6 | 60~ 70 | 278.2 | 4226 | 98.4 |
| 80 | 4.470 | 4.349 | 3.019 | 4.375 | 4.202 | 4.395 | 2.885 | 4.607 | 70~ 80 | 60.96 | 4287 | 99.8 |
| 90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80~ 90 | 1.149 | 4288 | 99.8 |
| 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90~100 | 0 | 4288 | 99.8 |
| 110 | 0 | 0.0187 | 0 | 0.0004 | 0.1117 | 0 | 0.0685 | 0.0122 | 100~110 | 0.0022 | 4288 | 99.8 |
| 120 | 0.5800 | 0.6126 | 0.6705 | 0.5807 | 0.7475 | 0.5921 | 0.7958 | 0.6464 | 110~120 | 0.3048 | 4288 | 99.8 |
| 130 | 1.363 | 1.360 | 1.497 | 1.352 | 1.543 | 1.378 | 1.597 | 1.419 | 120~130 | 0.9120 | 4289 | 99.8 |
| 140 | 2.252 | 2.224 | 2.379 | 2.223 | 2.414 | 2.278 | 2.466 | 2.313 | 130~140 | 1.432 | 4291 | 99.9 |
| 150 | 3.178 | 3.165 | 3.217 | 3.160 | 3.297 | 3.231 | 3.287 | 3.258 | 140~150 | 1.727 | 4292 | 99.9 |
| 160 | 4.011 | 4.010 | 4.055 | 4.037 | 4.104 | 4.101 | 4.112 | 4.109 | 150~160 | 1.681 | 4294 | 100 |
| 170 | 4.604 | 4.665 | 4.660 | 4.691 | 4.678 | 4.738 | 4.679 | 4.721 | 160~170 | 1.238 | 4295 | 100 |
| 180 | 4.869 | 4.955 | 4.882 | 4.968 | 4.875 | 4.955 | 4.882 | 4.968 | 170~180 | 0.4580 | 4296 | 100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 86 | 59 |
| 80 | 214 | 145 |
| 75 | 1449 | 922 |
| 70 | 3482 | 2949 |
| 65 | 5355 | 4879 |
| 60 | 6689 | 6420 |
| 55 | 7855 | 7585 |
| 50 | 9090 | 8881 |
| 45 | 10499 | 10346 |

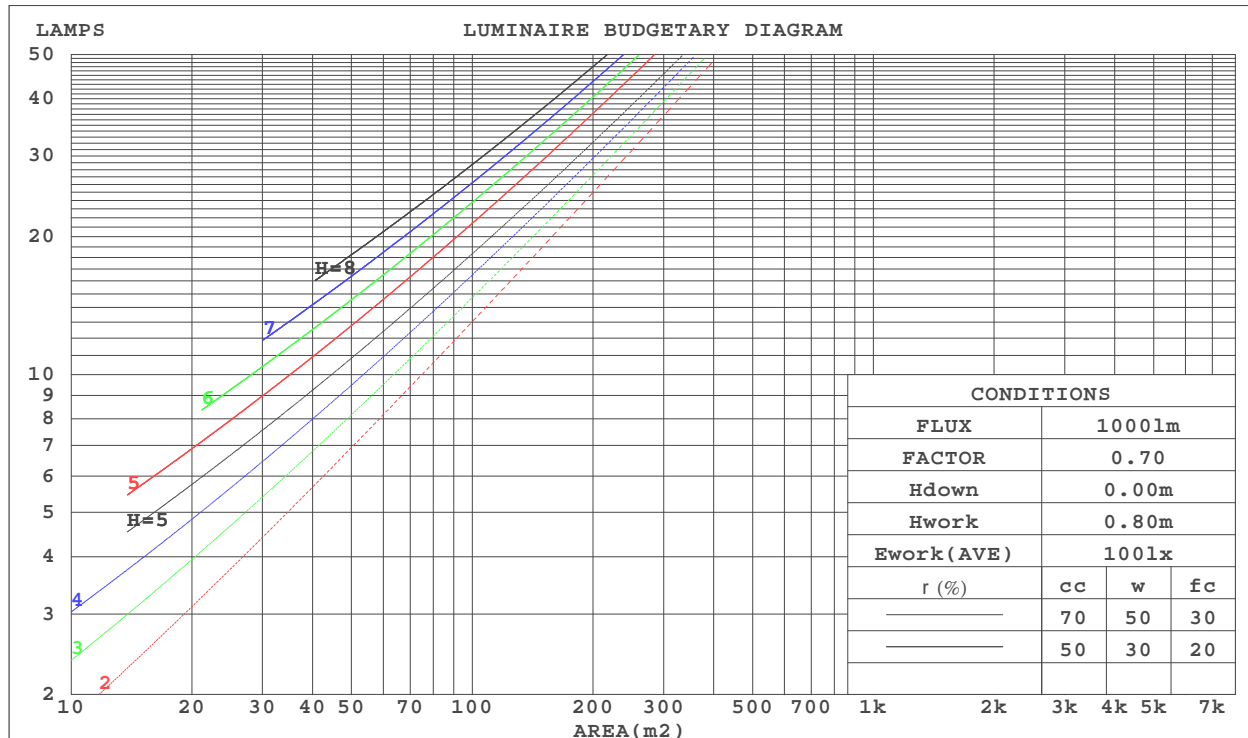
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Aaron
Test Date: 2023-12-05

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE GO-2000H_V1 SYSTEM V2.0.291
Humidity: 65.0%
Test Distance: 10.627m [K=1.0000]
Remarks: TRP-231130SHA-01_F155
T311301
8'40W
3500K LENS Clear trim

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|----------|-------------------|
| Test:U:120.2V I:0.3157A P:37.42W PF:0.9860 Lamp Flux:4295.66x1 lm | | |
| NAME: NYXNC8RDM9CCT5SDUALDIMMDCC | TYPE:LED | WEIGHT: |
| SPEC.:NYXNC8RDM9CCT5SDUALDIMMDCC | DIM.: | SERIAL No.:01 |
| MFR.: GREEN CREATIVE | SUR.: | PROTECTION ANGLE: |

| | | | | | | | | | | | | | | | | |
|------|-----------------------|------|------|---------------------------------|------|------|------|------|------|------|------|------|------|------|------|-----|
| r cc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
| r w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| r fc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | Coefficients of Utilization(CU) | | | | | | | | | | | | |
| 0.0 | 1.19 | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.11 | 1.11 | 1.11 | 1.06 | 1.06 | 1.06 | 1.02 | 1.02 | 1.02 | .00 |
| 1.0 | 1.08 | 1.05 | 1.02 | 1.06 | 1.03 | 1.00 | 1.01 | .99 | .97 | .98 | .96 | .94 | .94 | .93 | .91 | .89 |
| 2.0 | .97 | .92 | .87 | .95 | .90 | .86 | .92 | .88 | .84 | .89 | .85 | .82 | .86 | .83 | .81 | .79 |
| 3.0 | .88 | .81 | .76 | .86 | .80 | .75 | .83 | .78 | .74 | .81 | .76 | .73 | .78 | .75 | .71 | .70 |
| 4.0 | .80 | .72 | .67 | .78 | .72 | .66 | .76 | .70 | .65 | .74 | .69 | .65 | .72 | .67 | .64 | .62 |
| 5.0 | .73 | .65 | .59 | .71 | .64 | .59 | .69 | .63 | .58 | .68 | .62 | .58 | .66 | .61 | .57 | .55 |
| 6.0 | .66 | .59 | .53 | .66 | .58 | .53 | .64 | .57 | .53 | .62 | .57 | .52 | .61 | .56 | .52 | .50 |
| 7.0 | .61 | .54 | .48 | .60 | .53 | .48 | .59 | .52 | .48 | .58 | .52 | .47 | .56 | .51 | .47 | .45 |
| 8.0 | .57 | .49 | .44 | .56 | .49 | .44 | .55 | .48 | .44 | .54 | .48 | .43 | .52 | .47 | .43 | .42 |
| 9.0 | .53 | .45 | .40 | .52 | .45 | .40 | .51 | .45 | .40 | .50 | .44 | .40 | .49 | .44 | .40 | .38 |
| 10.0 | .49 | .42 | .37 | .49 | .42 | .37 | .48 | .41 | .37 | .47 | .41 | .37 | .46 | .41 | .37 | .35 |



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2023-12-05

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:10.627m [K=1.0000]
Remarks: TRP-231130SHA-01_F155
T311301
8'40W
3500K LENS Clear trim

\\192.168.8.200\qa\Lab\temporary\IES Files\8'' M\NYXNC8RDM9CCT5SDUALDIMMDCC\NYXNC8RDM9CCT5SDUALDIMMDCC 40W 3500K LENS Clear trim.GOS

WEC AND CCEC

| | | |
|---|----------|-------------------|
| Test:U:120.2V I:0.3157A P:37.42W PF:0.9860 Lamp Flux:4295.66x1 lm | | |
| NAME: NYXNC8RDM9CCT5SDUALDIMMDCC | TYPE:LED | WEIGHT: |
| SPEC.:NYXNC8RDM9CCT5SDUALDIMMDCC | DIM.: | SERIAL No.:01 |
| MFR.: GREEN CREATIVE | SUR.: | PROTECTION ANGLE: |

| r cc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|---------------------------------|------|------|------|------|------|------|------|------|------|------|------|---|
| r w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| r fc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | Wall Exitance Coefficients(WEC) | | | | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | |
| 1.0 | .232 | .132 | .042 | .225 | .128 | .041 | .212 | .122 | .039 | .200 | .115 | .037 | .189 | .110 | .035 | |
| 2.0 | .227 | .124 | .038 | .221 | .122 | .037 | .210 | .117 | .036 | .199 | .112 | .035 | .190 | .107 | .034 | |
| 3.0 | .216 | .115 | .034 | .211 | .113 | .034 | .201 | .109 | .033 | .192 | .105 | .032 | .184 | .102 | .031 | |
| 4.0 | .204 | .106 | .031 | .200 | .105 | .031 | .191 | .101 | .030 | .183 | .098 | .030 | .176 | .095 | .029 | |
| 5.0 | .193 | .098 | .028 | .188 | .097 | .028 | .181 | .094 | .028 | .174 | .092 | .027 | .167 | .089 | .027 | |
| 6.0 | .181 | .091 | .026 | .178 | .090 | .026 | .171 | .088 | .026 | .165 | .086 | .025 | .159 | .084 | .025 | |
| 7.0 | .171 | .085 | .024 | .168 | .084 | .024 | .162 | .082 | .024 | .156 | .080 | .023 | .151 | .078 | .023 | |
| 8.0 | .162 | .079 | .022 | .159 | .078 | .022 | .153 | .077 | .022 | .148 | .075 | .022 | .143 | .074 | .021 | |
| 9.0 | .153 | .074 | .021 | .150 | .073 | .021 | .146 | .072 | .020 | .141 | .071 | .020 | .137 | .069 | .020 | |
| 10.0 | .145 | .070 | .019 | .143 | .069 | .019 | .138 | .068 | .019 | .134 | .067 | .019 | .130 | .066 | .019 | |

| r cc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 | |
|------|-----------------------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|---|--|
| r w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 | |
| r fc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 | |
| RCR | RCR:Room Cavity Ratio | | | | | | Ceiling Cavity Exitance Coefficients(CCEC) | | | | | | | | | | |
| 0.0 | .192 | .192 | .192 | .164 | .164 | .164 | .112 | .112 | .112 | .064 | .064 | .064 | .021 | .021 | .021 | | |
| 1.0 | .176 | .158 | .142 | .151 | .136 | .122 | .103 | .093 | .084 | .059 | .054 | .049 | .019 | .017 | .016 | | |
| 2.0 | .165 | .134 | .107 | .141 | .115 | .093 | .097 | .080 | .065 | .056 | .046 | .038 | .018 | .015 | .012 | | |
| 3.0 | .156 | .115 | .083 | .133 | .099 | .072 | .092 | .069 | .051 | .053 | .040 | .030 | .017 | .013 | .010 | | |
| 4.0 | .147 | .101 | .066 | .126 | .088 | .058 | .087 | .061 | .041 | .050 | .036 | .024 | .016 | .012 | .008 | | |
| 5.0 | .140 | .090 | .054 | .120 | .078 | .047 | .083 | .055 | .033 | .048 | .032 | .020 | .015 | .010 | .007 | | |
| 6.0 | .133 | .082 | .045 | .114 | .071 | .039 | .079 | .050 | .028 | .046 | .029 | .017 | .015 | .010 | .005 | | |
| 7.0 | .126 | .075 | .038 | .109 | .065 | .033 | .075 | .045 | .024 | .044 | .027 | .014 | .014 | .009 | .005 | | |
| 8.0 | .120 | .069 | .033 | .104 | .060 | .029 | .072 | .042 | .021 | .042 | .025 | .012 | .014 | .008 | .004 | | |
| 9.0 | .115 | .064 | .029 | .099 | .055 | .025 | .069 | .039 | .018 | .040 | .023 | .011 | .013 | .008 | .004 | | |
| 10.0 | .110 | .059 | .026 | .095 | .052 | .023 | .066 | .036 | .016 | .038 | .021 | .010 | .012 | .007 | .003 | | |

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2023-12-05

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:10.627m [K=1.0000]
Remarks: TRP-231130SHA-01_F155
T311301
8'40W
3500K LENS Clear trim

\\192.168.8.200\qa\Lab\temporary\IES Files\8'' M\NYXNC8RDM9CCT5SDUALDIMMDCC\NYXNC8RDM9CCT5SDUALDIMMDCC 40W 3500K LENS Clear trim.GOS

UGR(Unified Glare Rating) Table

| | | | | | | | | | | | |
|---|------------------|------|------|------|------|----------------|------|------|-------------------|------|------|
| Test:U:120.2V I:0.3157A P:37.42W PF:0.9860 Lamp Flux:4295.66x1 lm | | | | | | | | | | | |
| NAME: NYXNC8RDM9CCT5SDUALDIMMDCC | | | | | | TYPE:LED | | | WEIGHT: | | |
| SPEC.:NYXNC8RDM9CCT5SDUALDIMMDCC | | | | | | DIM.: | | | SERIAL No.:01 | | |
| MFR.: GREEN CREATIVE | | | | | | SUR.: | | | PROTECTION ANGLE: | | |
| | | | | | | | | | | | |
| ceiling/cavity | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | |
| walls | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | |
| working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | |
| Room dimensions | Viewed crosswise | | | | | Viewed endwise | | | | | |
| x = 2H y = 2H | 19.3 | 20.5 | 19.5 | 20.7 | 20.9 | 19.1 | 20.3 | 19.3 | 20.5 | 20.7 | |
| | 3H | 19.8 | 20.9 | 20.0 | 21.1 | 21.4 | 19.4 | 20.6 | 19.7 | 20.8 | 21.0 |
| | 4H | 19.8 | 20.9 | 20.1 | 21.1 | 21.3 | 19.4 | 20.5 | 19.7 | 20.7 | 21.0 |
| | 6H | 19.7 | 20.7 | 20.0 | 20.9 | 21.2 | 19.3 | 20.3 | 19.6 | 20.6 | 20.8 |
| | 8H | 19.6 | 20.6 | 19.9 | 20.9 | 21.2 | 19.2 | 20.2 | 19.6 | 20.5 | 20.8 |
| | 12H | 19.6 | 20.5 | 19.9 | 20.8 | 21.1 | 19.2 | 20.1 | 19.5 | 20.4 | 20.7 |
| 4H | 2H | 19.6 | 20.7 | 19.9 | 20.9 | 21.2 | 19.4 | 20.5 | 19.7 | 20.8 | 21.0 |
| | 3H | 20.2 | 21.1 | 20.5 | 21.4 | 21.7 | 19.9 | 20.8 | 20.2 | 21.1 | 21.4 |
| | 4H | 20.2 | 21.0 | 20.6 | 21.4 | 21.7 | 19.8 | 20.7 | 20.2 | 21.0 | 21.3 |
| | 6H | 20.1 | 20.9 | 20.5 | 21.2 | 21.6 | 19.7 | 20.5 | 20.1 | 20.8 | 21.2 |
| | 8H | 20.1 | 20.8 | 20.5 | 21.1 | 21.5 | 19.7 | 20.4 | 20.1 | 20.7 | 21.1 |
| | 12H | 20.0 | 20.7 | 20.4 | 21.0 | 21.4 | 19.6 | 20.3 | 20.1 | 20.7 | 21.1 |
| 8H | 4H | 20.1 | 20.8 | 20.5 | 21.2 | 21.6 | 19.8 | 20.5 | 20.2 | 20.8 | 21.2 |
| | 6H | 20.0 | 20.6 | 20.5 | 21.0 | 21.4 | 19.7 | 20.2 | 20.1 | 20.6 | 21.1 |
| | 8H | 20.0 | 20.5 | 20.4 | 20.9 | 21.4 | 19.6 | 20.1 | 20.1 | 20.6 | 21.0 |
| | 12H | 19.9 | 20.4 | 20.4 | 20.8 | 21.3 | 19.6 | 20.0 | 20.1 | 20.5 | 20.9 |
| 12H | 4H | 20.1 | 20.7 | 20.5 | 21.1 | 21.5 | 19.7 | 20.4 | 20.1 | 20.7 | 21.1 |
| | 6H | 20.0 | 20.5 | 20.4 | 20.9 | 21.4 | 19.6 | 20.1 | 20.1 | 20.6 | 21.0 |
| | 8H | 19.9 | 20.4 | 20.4 | 20.8 | 21.3 | 19.6 | 20.0 | 20.1 | 20.5 | 20.9 |
| Variations with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | + 0.7 / - 0.9 | | | | | + 0.7 / - 0.9 | | | | | |
| 1.5H | + 0.2 / - 0.5 | | | | | + 0.2 / - 0.5 | | | | | |
| 2.0H | + 0.9 / - 1.1 | | | | | + 1.0 / - 1.1 | | | | | |

CIE Pub.117 Corrected 4296 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.1)

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2023-12-05

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:10.627m [K=1.0000]
Remarks: TRP-231130SHA-01_F155
T311301
8'40W
3500K LENS Clear trim

\\192.168.8.200\qa\Lab\temporary\IES Files\8'' M\NYXNC8RDM9CCT5SDUALDIMMDCC\NYXNC8RDM9CCT5SDUALDIMMDCC 40W 3500K LENS Clear trim.GOS

UTILIZATION FACTORS TABLE

| | | |
|---|----------|-------------------|
| Test:U:120.2V I:0.3157A P:37.42W PF:0.9860 Lamp Flux:4295.66x1 lm | | |
| NAME: NYXNC8RDM9CCT5SDUALDIMMDCC | TYPE:LED | WEIGHT: |
| SPEC.:NYXNC8RDM9CCT5SDUALDIMMDCC | DIM.: | SERIAL No.:01 |
| MFR.: GREEN CREATIVE | SUR.: | PROTECTION ANGLE: |

| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| k = 0.60 | 69 | 59 | 53 | 68 | 59 | 53 | 67 | 58 | 53 | 48 |
| 0.80 | 78 | 69 | 63 | 77 | 69 | 63 | 76 | 68 | 63 | 57 |
| 1.00 | 86 | 77 | 72 | 85 | 77 | 71 | 83 | 77 | 71 | 65 |
| 1.25 | 92 | 84 | 79 | 91 | 83 | 78 | 89 | 82 | 77 | 72 |
| 1.50 | 96 | 89 | 84 | 95 | 88 | 83 | 92 | 86 | 82 | 76 |
| 2.00 | 102 | 95 | 91 | 100 | 94 | 90 | 97 | 92 | 88 | 82 |
| 2.50 | 105 | 99 | 94 | 103 | 97 | 93 | 99 | 95 | 91 | 84 |
| 3.00 | 107 | 102 | 98 | 105 | 101 | 97 | 101 | 98 | 95 | 87 |
| 4.00 | 110 | 106 | 103 | 108 | 104 | 101 | 104 | 101 | 98 | 90 |
| 5.00 | 112 | 108 | 105 | 110 | 106 | 104 | 105 | 103 | 101 | 92 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHRNOM = 1.25 | | |

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2023-12-05

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:10.627m [K=1.0000]
Remarks: TRP-231130SHA-01_F155
T311301
8'40W
3500K LENS Clear trim

\\192.168.8.200\qa\Lab\temporary\IES Files\8'' M\NYXNC8RDM9CCT5SDUALDIMMDCC\NYXNC8RDM9CCT5SDUALDIMMDCC 40W 3500K LENS Clear trim.GOS

ISOCANDELA DIAGRAM

| | | |
|---|----------|-------------------|
| Test:U:120.2V I:0.3157A P:37.42W PF:0.9860 Lamp Flux:4295.66x1 lm | | |
| NAME: NYXNC8RDM9CCT5SDUALDIMMDCC | TYPE:LED | WEIGHT: |
| SPEC.:NYXNC8RDM9CCT5SDUALDIMMDCC | DIM.: | SERIAL No.:01 |
| MFR.: GREEN CREATIVE | SUR.: | PROTECTION ANGLE: |

Conical surface Flux(90deg):

3116.7 lm

%lum = 72.6%

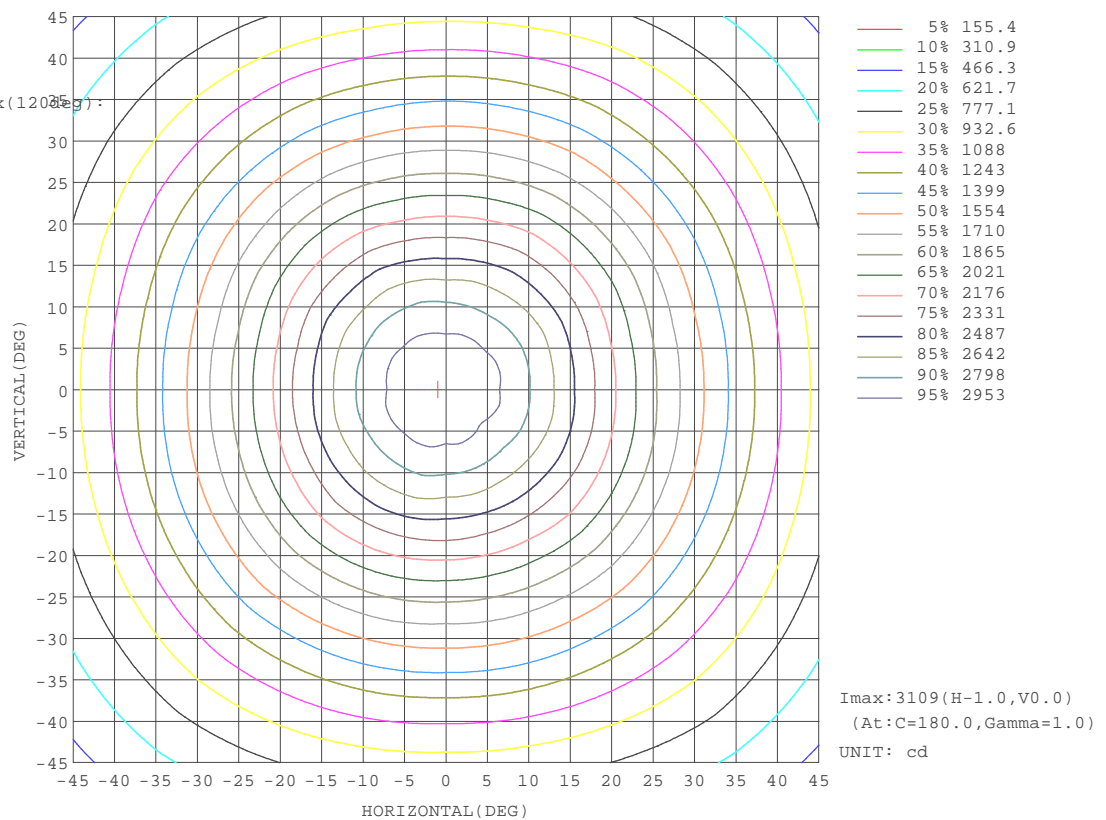
%lamp = 72.6%

Conical surface Flux(120deg):

3947.6 lm

%lum = 91.9%

%lamp = 91.9%



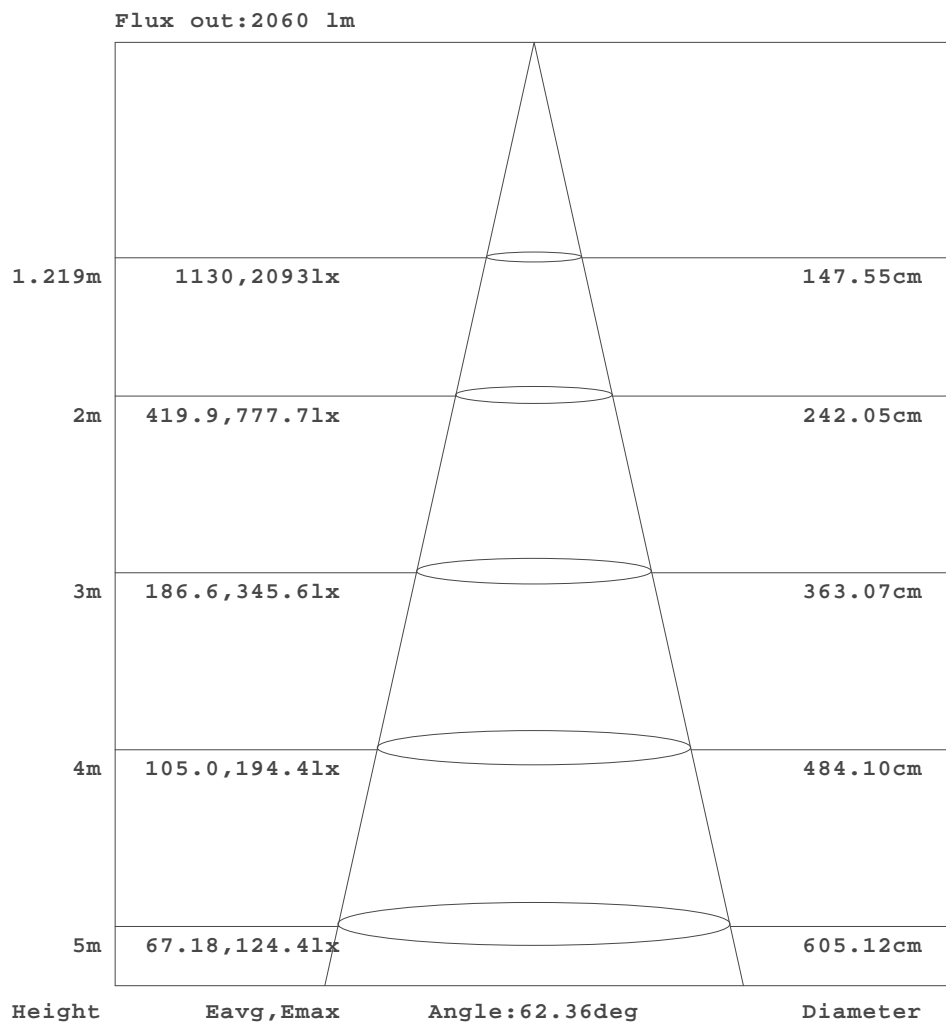
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2023-12-05

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:10.627m [K=1.0000]
Remarks: TRP-231130SHA-01_F155
T311301
8'40W
3500K LENS Clear trim

\\192.168.8.200\qa\Lab\temporary\IES Files\8'' M\NYXNC8RDM9CCT5SDUALDIMMDCC\NYXNC8RDM9CCT5SDUALDIMMDCC 40W 3500K LENS Clear trim.GOS

AAI Figure

| | | |
|---|----------|-------------------|
| Test:U:120.2V I:0.3157A P:37.42W PF:0.9860 Lamp Flux:4295.66x1 lm | | |
| NAME: NYXNC8RDM9CCT5SDUALDIMMDCC | TYPE:LED | WEIGHT: |
| SPEC.:NYXNC8RDM9CCT5SDUALDIMMDCC | DIM.: | SERIAL No.:01 |
| MFR.: GREEN CREATIVE | SUR.: | PROTECTION ANGLE: |



Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

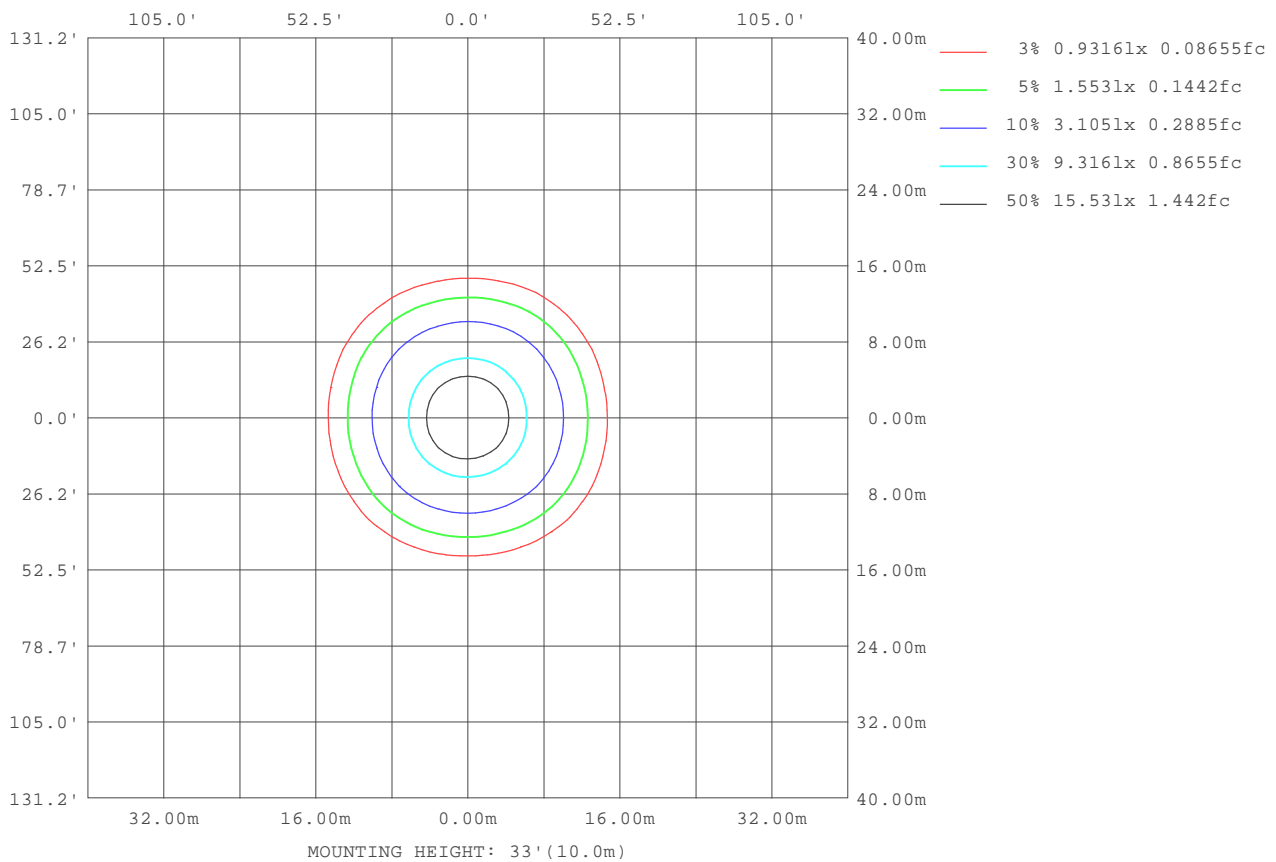
C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2023-12-05

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:10.627m [K=1.0000]
Remarks: TRP-231130SHA-01_F155
T311301
8'40W
3500K LENS Clear trim

\\192.168.8.200\qa\Lab\temporary\IES Files\8'' M\NYXNC8RDM9CCT5SDUALDIMMDCC\NYXNC8RDM9CCT5SDUALDIMMDCC 40W 3500K LENS Clear trim.GOS

ISOLUX DIAGRAM

| | | |
|---|----------|-------------------|
| Test:U:120.2V I:0.3157A P:37.42W PF:0.9860 Lamp Flux:4295.66x1 lm | | |
| NAME: NYXNC8RDM9CCT5SDUALDIMMDCC | TYPE:LED | WEIGHT: |
| SPEC.:NYXNC8RDM9CCT5SDUALDIMMDCC | DIM.: | SERIAL No.:01 |
| MFR.: GREEN CREATIVE | SUR.: | PROTECTION ANGLE: |

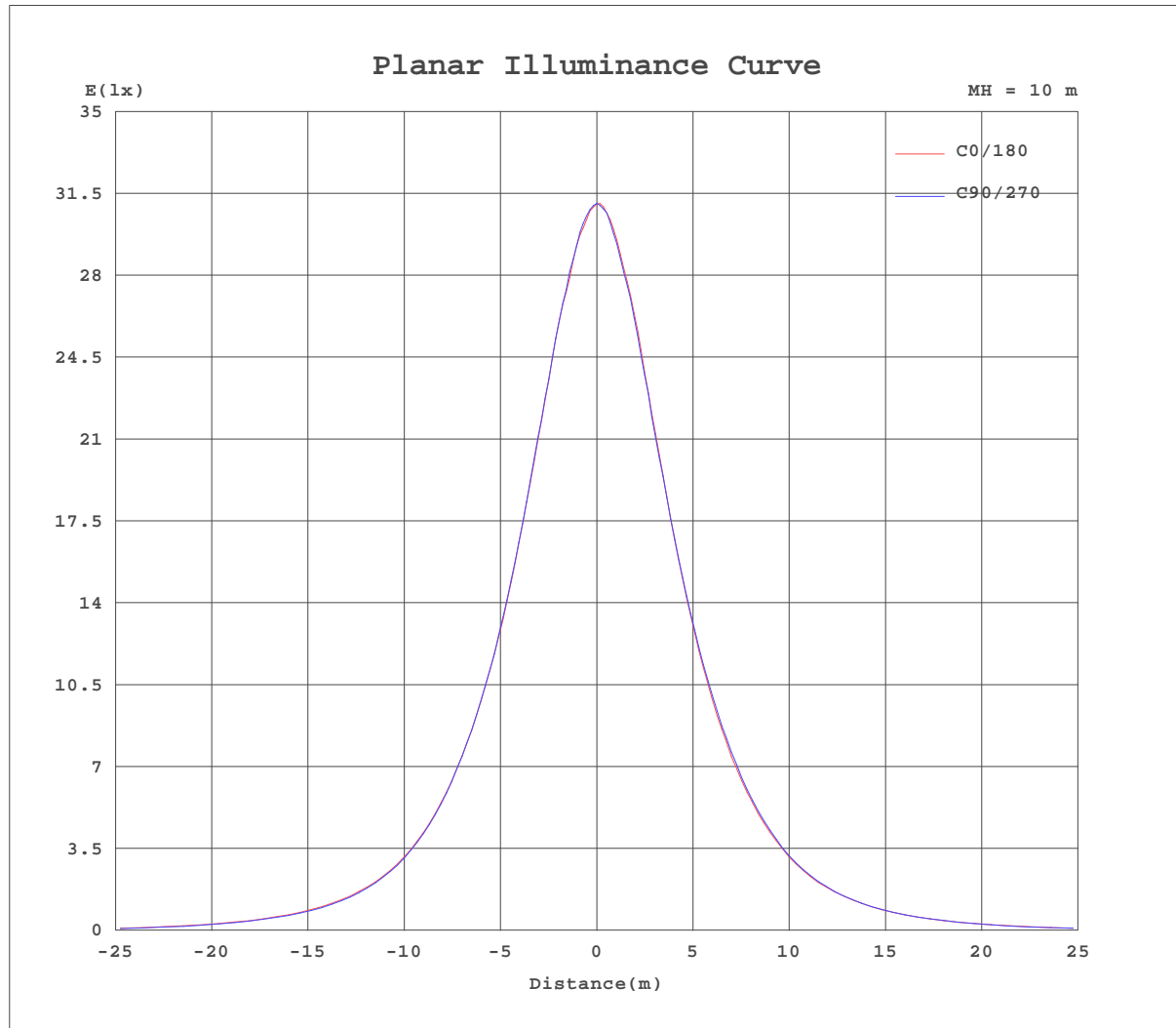


C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Aaron
Test Date:2023-12-05

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System:EVERFINE GO-2000H_V1 SYSTEM V2.0.291
Humidity:65.0%
Test Distance:10.627m [K=1.0000]
Remarks: TRP-231130SHA-01_F155
T311301
8'40W
3500K LENS Clear trim

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Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Aaron
Test Date: 2023-12-05

g Range: 0 - 180DEG
g Interval: 1.0DEG
Test System: EVERFINE GO-2000H_V1 SYSTEM V2.0.291
Humidity: 65.0%
Test Distance: 10.627m [K=1.0000]
Remarks: TRP-231130SHA-01_F155
T311301
8'40W
3500K LENS Clear trim

\\192.168.8.200\qa\Lab\temporary\IES Files\8'' M\NYXNC8RDM9CCT5SDUALDIMMDC\NYXNC8RDM9CCT5SDUALDIMMDC 40W 3500K LENS Clear trim.GOS