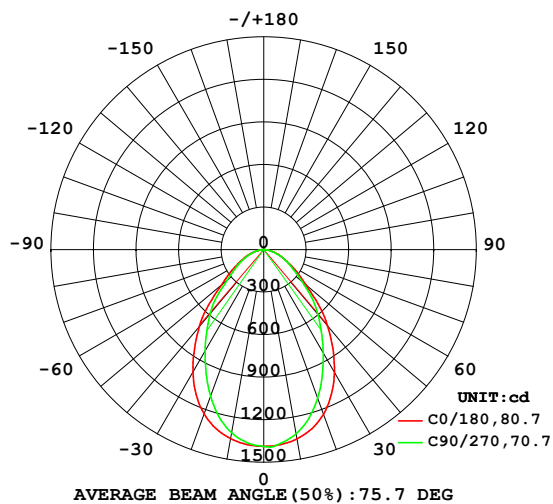


LUMINAIRE PHOTOMETRIC TEST REPORT

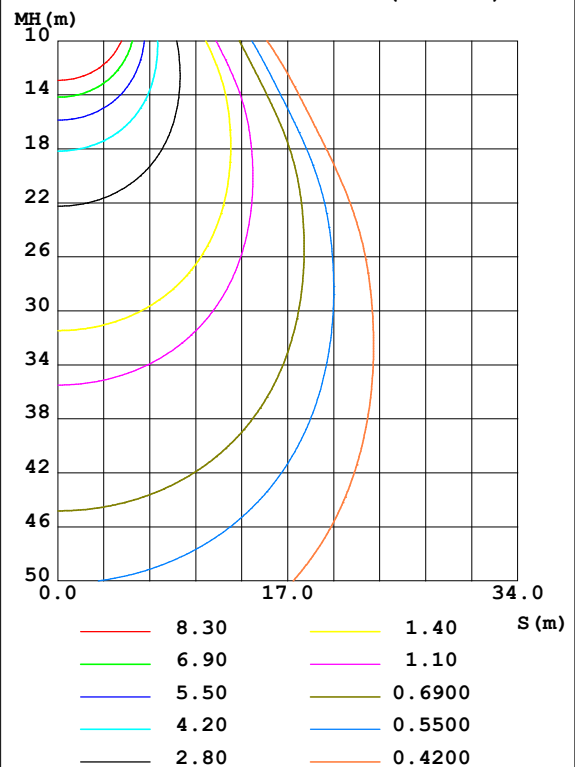
| | | |
|---|---------|------------------|
| Test:U:239.9V I:0.1128A P:25.38W PF:0.9380 Lamp Flux:2347.73x1 lm | | |
| NAME: HIP TRIM_1160_REC_WHT_DEGLARING_HE_500mA_4000K CRI90 | WEIGHT: | |
| SPEC.: | DIM.: | SERIAL No.:1 |
| MFR.: DARKON | SUR.: | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA | | | | Eff: 92.49 lm/W |
|------------------|--------------------|------------------|--------|------------------------|----------|-----------------|
| MODEL: LLE 2000A | 1300lm 940 HV ADV6 | Imax(cd) | 1394 | S/MH(C0/180) | 1.10 | |
| NOMINAL POWER(W) | | LOR(%) | 100.0 | S/MH(C90/270) | 0.96 | |
| RATED VOLTAGE(V) | 230.0 | TOTAL FLUX(lm) | 2347.7 | η UP,DN(C0-180) | 0.0,50.4 | |
| NOMINAL FLUX(lm) | 2347.73 | CIE CLASS | DIRECT | η UP,DN(C180-360) | 0.0,49.6 | |
| LAMPS INSIDE | 1 | η up(%) | 0.0 | CIBSE SHR NOM | 1.00 | |
| TEST VOLTAGE(V) | 230 | η down(%) | 100.0 | CIBSE SHR MAX | 1.15 | |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:29 January 2024

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.890m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum, lamp |
|----------|-----------------------|--------|--------|--------|--------|--------|--------|--------|----------|-------------|--------------|------------|
| 10 | 1355 | 1337 | 1319 | 1337 | 1353 | 1328 | 1312 | 1329 | 0- 10 | 130.0 | 130.0 | 5.54,5.54 |
| 20 | 1234 | 1172 | 1115 | 1172 | 1232 | 1157 | 1098 | 1157 | 10- 20 | 354.7 | 484.6 | 20.6,20.6 |
| 30 | 997.1 | 912.3 | 840.7 | 913.7 | 998.5 | 895.7 | 827.9 | 895.5 | 20- 30 | 479.0 | 963.6 | 41,41 |
| 40 | 701.4 | 647.2 | 596.1 | 651.5 | 706.2 | 641.3 | 589.2 | 636.2 | 30- 40 | 483.7 | 1447 | 61.6,61.6 |
| 50 | 389.1 | 375.2 | 356.7 | 389.0 | 391.5 | 374.1 | 340.0 | 368.5 | 40- 50 | 390.4 | 1838 | 78.3,78.3 |
| 60 | 220.1 | 210.5 | 207.2 | 216.3 | 221.2 | 208.4 | 201.8 | 206.3 | 50- 60 | 253.8 | 2091 | 89.1,89.1 |
| 70 | 118.9 | 116.5 | 114.2 | 119.6 | 120.8 | 117.2 | 112.5 | 115.0 | 60- 70 | 159.8 | 2251 | 95.9,95.9 |
| 80 | 38.50 | 37.88 | 38.42 | 40.10 | 40.01 | 39.42 | 37.64 | 37.37 | 70- 80 | 80.51 | 2332 | 99.3,99.3 |
| 90 | 0.4074 | 0.5543 | 0.5240 | 0.6549 | 0.4845 | 0.5433 | 0.4250 | 0.4683 | 80- 90 | 15.93 | 2348 | 100,100 |
| 100 | | | | | | | | | 90-100 | | | |
| 110 | | | | | | | | | 100-110 | | | |
| 120 | | | | | | | | | 110-120 | | | |
| 130 | | | | | | | | | 120-130 | | | |
| 140 | | | | | | | | | 130-140 | | | |
| 150 | | | | | | | | | 140-150 | | | |
| 160 | | | | | | | | | 150-160 | | | |
| 170 | | | | | | | | | 160-170 | | | |
| 180 | | | | | | | | | 170-180 | | | |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

Conical surface Flux(90deg): 1661.5 lm

%lum = 70.8%

%lamp = 70.8%

Conical surface Flux(120deg): 2091.5 lm

%lum = 89.1%

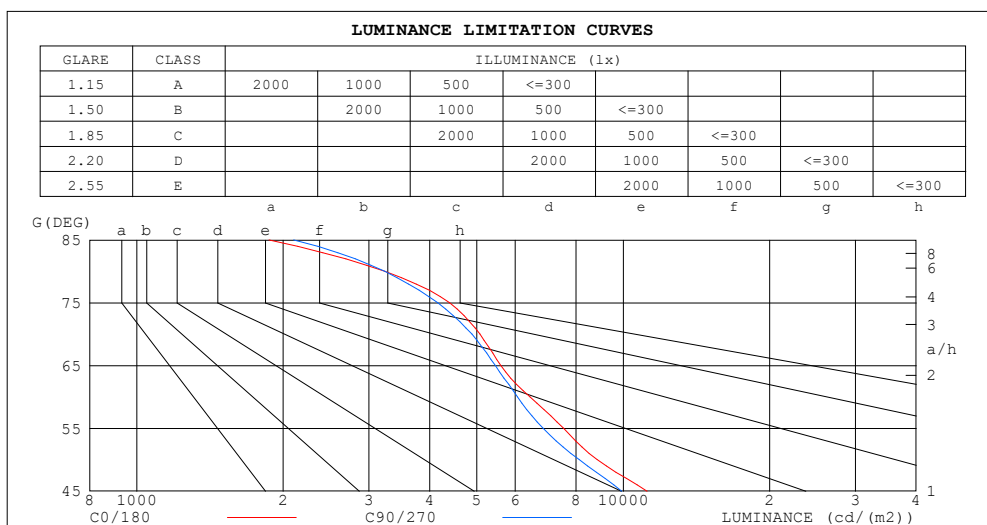
%lamp = 89.1%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JEFF
 Test Date:29 January 2024

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
 Humidity:65.0%
 Test Distance:7.890m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|---|---------|------------------|
| Test:U:239.9V I:0.1128A P:25.38W PF:0.9380 Lamp Flux:2347.73x1 lm | | |
| NAME: HIP TRIM_1160_REC_WHT_DEGLARING_HE_500mA_4000K CRI90 | WEIGHT: | |
| SPEC.: | DIM.: | SERIAL No.:1 |
| MFR.: DARKON | SUR.: | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 1872 | 2102 |
| 80 | 3237 | 3236 |
| 75 | 4398 | 4153 |
| 70 | 5075 | 4884 |
| 65 | 5602 | 5456 |
| 60 | 6428 | 6061 |
| 55 | 7538 | 6842 |
| 50 | 8839 | 8117 |
| 45 | 11203 | 9926 |

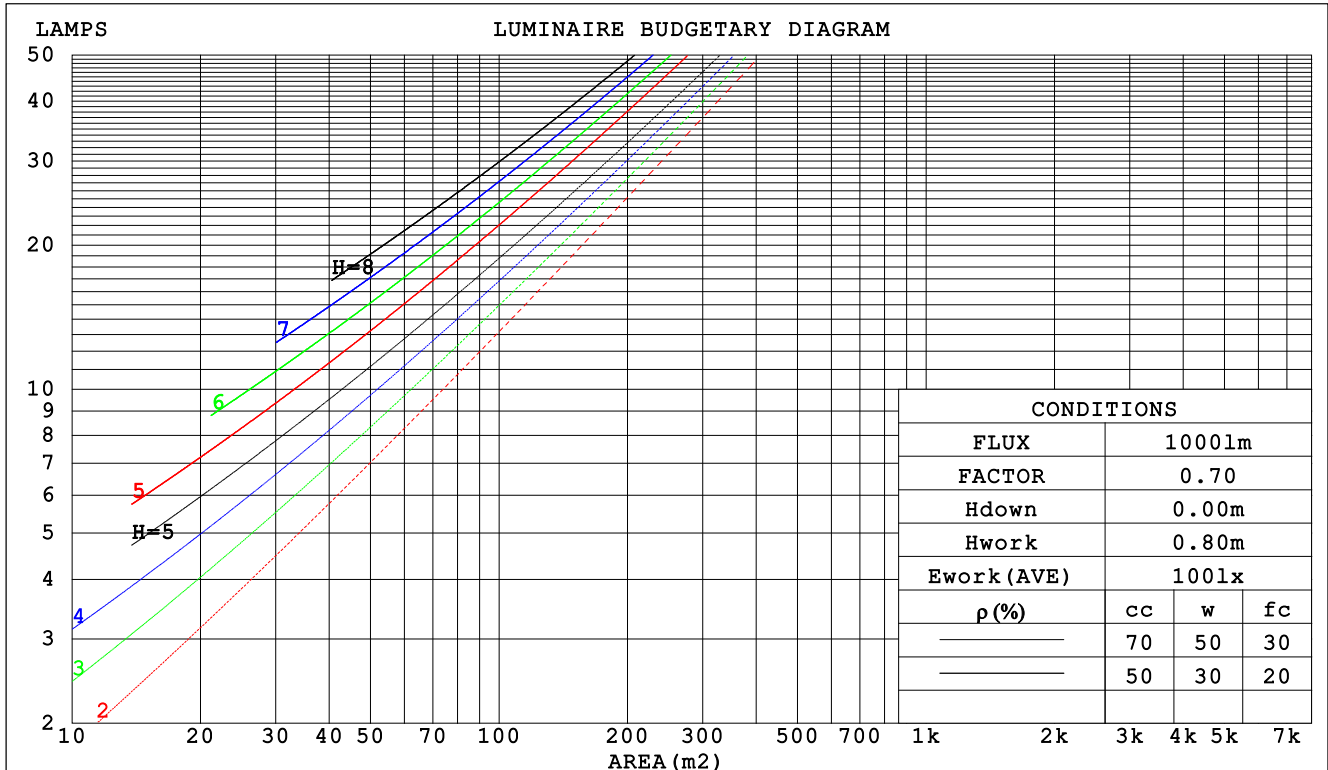
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:29 January 2024

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.890m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|-------|------------------|
| Test:U:239.9V I:0.1128A P:25.38W PF:0.9380 Lamp Flux:2347.73x1 lm | | |
| NAME: HIP TRIM_1160_REC_WHT_DEGLARING_HE_500mA_4000K CRI90 | | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.:1 |
| MFR.: DARKON | SUR.: | Shielding Angle: |

| ρ_{cc} | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|-------------|-----------------------|------|------|---------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| ρ_w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| ρ_{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 | 1.00 |
| 1.0 | 1.07 | 1.03 | 1.00 | 1.05 | 1.02 | .99 | 1.01 | .98 | .96 | .97 | .95 | .93 | .93 | .92 | .90 | .88 |
| 2.0 | .96 | .90 | .85 | .94 | .89 | .84 | .90 | .86 | .82 | .87 | .84 | .81 | .84 | .81 | .79 | .77 |
| 3.0 | .86 | .79 | .74 | .85 | .78 | .73 | .82 | .76 | .72 | .79 | .74 | .71 | .77 | .73 | .69 | .67 |
| 4.0 | .78 | .70 | .65 | .77 | .70 | .64 | .74 | .68 | .63 | .72 | .67 | .62 | .70 | .65 | .62 | .60 |
| 5.0 | .71 | .63 | .57 | .70 | .62 | .57 | .68 | .61 | .56 | .66 | .60 | .56 | .64 | .59 | .55 | .53 |
| 6.0 | .65 | .57 | .51 | .64 | .56 | .51 | .62 | .55 | .51 | .61 | .55 | .50 | .59 | .54 | .50 | .48 |
| 7.0 | .59 | .52 | .46 | .59 | .51 | .46 | .57 | .51 | .46 | .56 | .50 | .45 | .55 | .49 | .45 | .43 |
| 8.0 | .55 | .47 | .42 | .54 | .47 | .42 | .53 | .46 | .42 | .52 | .46 | .41 | .51 | .45 | .41 | .39 |
| 9.0 | .51 | .43 | .38 | .50 | .43 | .38 | .49 | .43 | .38 | .48 | .42 | .38 | .47 | .42 | .38 | .36 |
| 10.0 | .47 | .40 | .35 | .47 | .40 | .35 | .46 | .40 | .35 | .45 | .39 | .35 | .44 | .39 | .35 | .33 |



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:29 January 2024

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.890m [K=1.0000]
Remarks:

WEC AND CCEC

| | | |
|---|---------|------------------|
| Test:U:239.9V I:0.1128A P:25.38W PF:0.9380 Lamp Flux:2347.73x1 lm | | |
| NAME: HIP TRIM_1160_REC_WHT_DEGLARING_HE_500mA_4000K CRI90 | WEIGHT: | |
| SPEC.: | DIM.: | SERIAL No.:1 |
| MFR.: DARKON | SUR.: | Shielding Angle: |

| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 | |
|------|-----------------------|------|------|------|------|------|----------------------------------|------|------|------|------|------|------|------|------|---|--|
| pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 | |
| pfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 | |
| RCR | RCR:Room Cavity Ratio | | | | | | Wall Exitance Coefficients (WEC) | | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | | |
| 1.0 | .251 | .143 | .045 | .244 | .139 | .044 | .231 | .133 | .042 | .219 | .127 | .041 | .208 | .121 | .039 | | |
| 2.0 | .241 | .132 | .041 | .235 | .129 | .040 | .224 | .124 | .039 | .213 | .120 | .037 | .204 | .115 | .036 | | |
| 3.0 | .227 | .121 | .036 | .222 | .119 | .036 | .212 | .115 | .035 | .203 | .111 | .034 | .194 | .108 | .033 | | |
| 4.0 | .213 | .111 | .032 | .208 | .109 | .032 | .199 | .106 | .032 | .191 | .103 | .031 | .184 | .100 | .030 | | |
| 5.0 | .199 | .102 | .029 | .195 | .100 | .029 | .188 | .098 | .029 | .181 | .095 | .028 | .174 | .093 | .028 | | |
| 6.0 | .187 | .094 | .027 | .184 | .093 | .027 | .177 | .091 | .026 | .170 | .089 | .026 | .164 | .087 | .026 | | |
| 7.0 | .176 | .087 | .025 | .173 | .086 | .025 | .167 | .084 | .024 | .161 | .083 | .024 | .156 | .081 | .024 | | |
| 8.0 | .166 | .081 | .023 | .163 | .080 | .023 | .158 | .079 | .022 | .152 | .077 | .022 | .148 | .076 | .022 | | |
| 9.0 | .157 | .076 | .021 | .154 | .075 | .021 | .149 | .074 | .021 | .145 | .073 | .021 | .140 | .071 | .021 | | |
| 10.0 | .148 | .071 | .020 | .146 | .071 | .020 | .142 | .069 | .020 | .138 | .068 | .019 | .134 | .067 | .019 | | |

| pcc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|---|------|------|------|------|------|------|------|------|---|
| pw | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| pfc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Ceiling Cavity Exitance Coefficients (CCEC) | | | | | | | | | |
| 0.0 | .190 | .190 | .190 | .163 | .163 | .163 | .111 | .111 | .111 | .064 | .064 | .064 | .020 | .020 | .020 | |
| 1.0 | .176 | .157 | .139 | .151 | .134 | .120 | .103 | .092 | .083 | .059 | .054 | .048 | .019 | .017 | .016 | |
| 2.0 | .165 | .132 | .104 | .142 | .114 | .090 | .097 | .079 | .063 | .056 | .046 | .037 | .018 | .015 | .012 | |
| 3.0 | .156 | .114 | .080 | .134 | .098 | .070 | .092 | .068 | .049 | .053 | .040 | .029 | .017 | .013 | .009 | |
| 4.0 | .148 | .100 | .064 | .127 | .087 | .055 | .087 | .060 | .039 | .050 | .035 | .023 | .016 | .012 | .008 | |
| 5.0 | .140 | .089 | .052 | .120 | .077 | .045 | .083 | .054 | .032 | .048 | .032 | .019 | .015 | .010 | .006 | |
| 6.0 | .133 | .081 | .043 | .115 | .070 | .037 | .079 | .049 | .026 | .046 | .029 | .016 | .015 | .009 | .005 | |
| 7.0 | .127 | .074 | .036 | .109 | .064 | .032 | .075 | .045 | .022 | .044 | .026 | .013 | .014 | .009 | .004 | |
| 8.0 | .121 | .068 | .031 | .104 | .059 | .027 | .072 | .041 | .019 | .042 | .024 | .012 | .014 | .008 | .004 | |
| 9.0 | .115 | .063 | .027 | .099 | .054 | .024 | .069 | .038 | .017 | .040 | .023 | .010 | .013 | .007 | .003 | |
| 10.0 | .110 | .058 | .024 | .095 | .051 | .021 | .066 | .036 | .015 | .038 | .021 | .009 | .012 | .007 | .003 | |

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:29 January 2024

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.890m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | | |
|---|---------------|------------------|------|------|-------|---------------|----------------|------------------|------|------|------|
| Test:U:239.9V I:0.1128A P:25.38W PF:0.9380 Lamp Flux:2347.73x1 lm | | | | | | | | | | | |
| NAME: HIP TRIM_1160_REC_WHT_DEGLARING_HE_500mA_4000K CRI90 | | | | | | | | WEIGHT: | | | |
| SPEC.: | | | | | DIM.: | | | SERIAL No.:1 | | | |
| MFR.: DARKON | | | | | SUR.: | | | Shielding 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 | 2H | 19.1 | 20.4 | 19.4 | 20.6 | 20.8 | 18.7 | 20.0 | 19.0 | 20.2 | 20.4 |
| | 3H | 19.9 | 21.1 | 20.2 | 21.4 | 21.6 | 19.6 | 20.8 | 19.9 | 21.0 | 21.2 |
| | 4H | 20.3 | 21.4 | 20.6 | 21.6 | 21.9 | 19.9 | 21.1 | 20.2 | 21.3 | 21.5 |
| | 6H | 20.4 | 21.5 | 20.7 | 21.7 | 22.0 | 20.1 | 21.2 | 20.4 | 21.4 | 21.7 |
| | 8H | 20.4 | 21.5 | 20.8 | 21.7 | 22.0 | 20.1 | 21.2 | 20.5 | 21.4 | 21.7 |
| | 12H | 20.4 | 21.4 | 20.8 | 21.7 | 22.0 | 20.1 | 21.1 | 20.5 | 21.4 | 21.7 |
| 4H | 2H | 19.4 | 20.5 | 19.7 | 20.8 | 21.0 | 19.1 | 20.2 | 19.4 | 20.4 | 20.7 |
| | 3H | 20.4 | 21.4 | 20.8 | 21.7 | 22.0 | 20.1 | 21.1 | 20.5 | 21.4 | 21.7 |
| | 4H | 20.8 | 21.7 | 21.2 | 22.1 | 22.4 | 20.6 | 21.5 | 20.9 | 21.8 | 22.1 |
| | 6H | 21.1 | 21.9 | 21.5 | 22.2 | 22.6 | 20.8 | 21.6 | 21.2 | 22.0 | 22.3 |
| | 8H | 21.1 | 21.9 | 21.5 | 22.2 | 22.6 | 20.9 | 21.6 | 21.3 | 22.0 | 22.4 |
| | 12H | 21.1 | 21.8 | 21.6 | 22.2 | 22.6 | 20.9 | 21.6 | 21.3 | 22.0 | 22.4 |
| 8H | 4H | 21.0 | 21.7 | 21.4 | 22.1 | 22.4 | 20.7 | 21.4 | 21.1 | 21.8 | 22.2 |
| | 6H | 21.3 | 21.9 | 21.7 | 22.3 | 22.7 | 21.1 | 21.7 | 21.5 | 22.1 | 22.5 |
| | 8H | 21.4 | 21.9 | 21.8 | 22.3 | 22.8 | 21.2 | 21.7 | 21.6 | 22.1 | 22.6 |
| | 12H | 21.4 | 21.9 | 21.9 | 22.3 | 22.8 | 21.2 | 21.7 | 21.7 | 22.1 | 22.6 |
| 12H | 4H | 20.9 | 21.6 | 21.4 | 22.0 | 22.4 | 20.7 | 21.4 | 21.1 | 21.7 | 22.1 |
| | 6H | 21.3 | 21.8 | 21.7 | 22.3 | 22.7 | 21.1 | 21.6 | 21.5 | 22.0 | 22.5 |
| | 8H | 21.4 | 21.9 | 21.9 | 22.3 | 22.8 | 21.2 | 21.7 | 21.7 | 22.1 | 22.6 |
| Variations with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | + 0.5 / - 0.6 | | | | | + 0.5 / - 0.6 | | | | | |
| 1.5H | + 0.4 / - 0.4 | | | | | + 0.2 / - 0.4 | | | | | |
| 2.0H | + 1.1 / - 0.7 | | | | | + 0.9 / - 0.7 | | | | | |

CIE Pub.117 Corrected 2348 lm Total Lamp Luminous Flux.(8log(F/F0) = 3.0)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:29 January 2024

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.890m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|---|-------|------------------|
| Test:U:239.9V I:0.1128A P:25.38W PF:0.9380 Lamp Flux:2347.73x1 lm | | |
| NAME: HIP TRIM_1160_REC_WHT_DEGLARING_HE_500mA_4000K CRI90 | | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.:1 |
| MFR.: DARKON | SUR.: | Shielding Angle: |

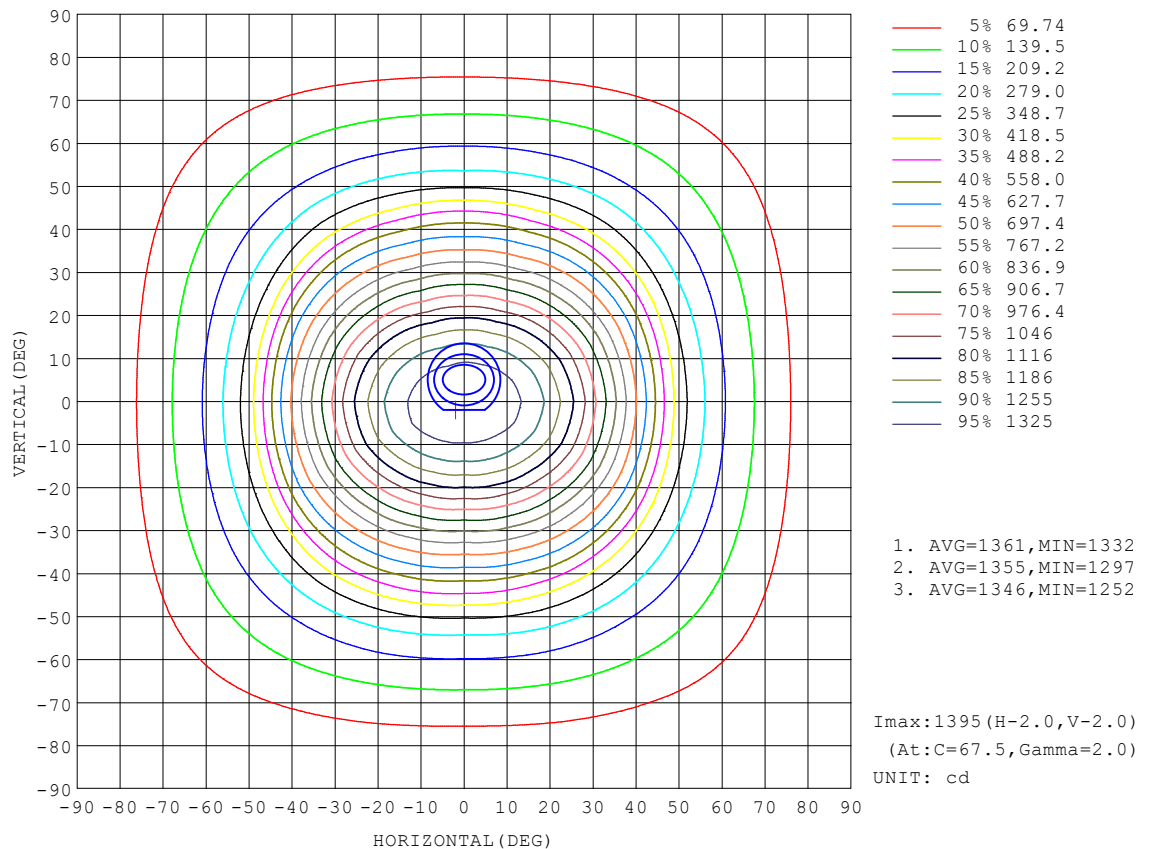
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 68 | 58 | 52 | 67 | 58 | 52 | 66 | 57 | 52 | 46 |
| 0.80 | 77 | 68 | 62 | 76 | 67 | 61 | 75 | 67 | 61 | 55 |
| 1.00 | 85 | 76 | 70 | 84 | 75 | 69 | 82 | 76 | 69 | 63 |
| 1.25 | 91 | 82 | 77 | 90 | 82 | 76 | 87 | 80 | 76 | 69 |
| 1.50 | 95 | 87 | 82 | 94 | 86 | 81 | 91 | 85 | 80 | 74 |
| 2.00 | 101 | 94 | 89 | 99 | 93 | 88 | 96 | 91 | 86 | 80 |
| 2.50 | 104 | 97 | 93 | 102 | 96 | 92 | 98 | 94 | 90 | 83 |
| 3.00 | 106 | 101 | 96 | 104 | 99 | 95 | 100 | 96 | 93 | 86 |
| 4.00 | 109 | 105 | 101 | 107 | 103 | 100 | 103 | 100 | 97 | 89 |
| 5.00 | 111 | 107 | 104 | 109 | 106 | 103 | 105 | 102 | 100 | 91 |
| ROOM INDEX | UF (total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHRNOM = 1.25 | | |

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:29 January 2024

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.890m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

| | | |
|---|---------|------------------|
| Test:U:239.9V I:0.1128A P:25.38W PF:0.9380 Lamp Flux:2347.73x1 lm | | |
| NAME: HIP TRIM_1160_REC_WHT_DEGLARING_HE_500mA_4000K CRI90 | WEIGHT: | |
| SPEC.: | DIM.: | SERIAL No.:1 |
| MFR.: DARKON | SUR.: | Shielding Angle: |

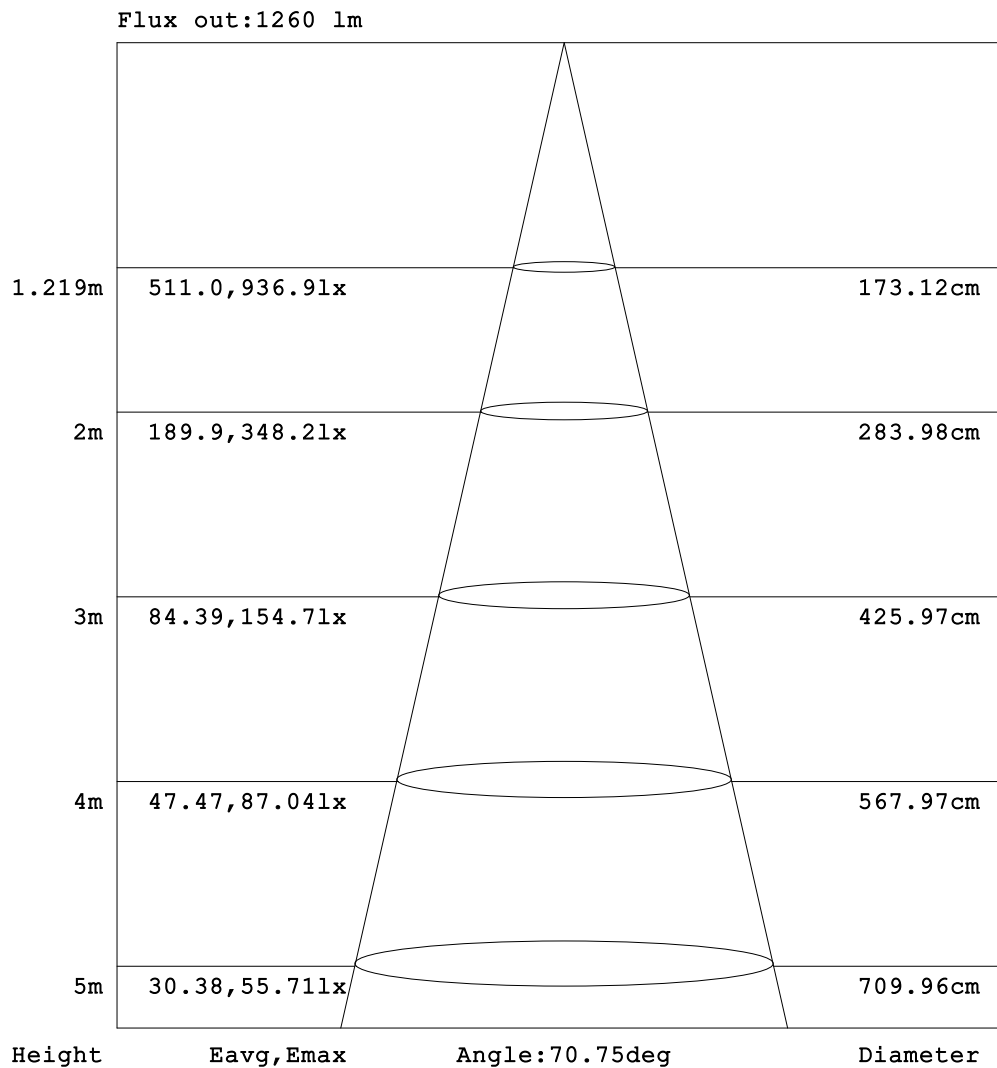


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:29 January 2024

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.890m [K=1.0000]
Remarks:

AAI Figure

| | | |
|---|---------|------------------|
| Test:U:239.9V I:0.1128A P:25.38W PF:0.9380 Lamp Flux:2347.73x1 lm | | |
| NAME: HIP TRIM_1160_REC_WHT_DEGLARING_HE_500mA_4000K CRI90 | WEIGHT: | |
| SPEC.: | DIM.: | SERIAL No.:1 |
| MFR.: DARKON | SUR.: | Shielding Angle: |



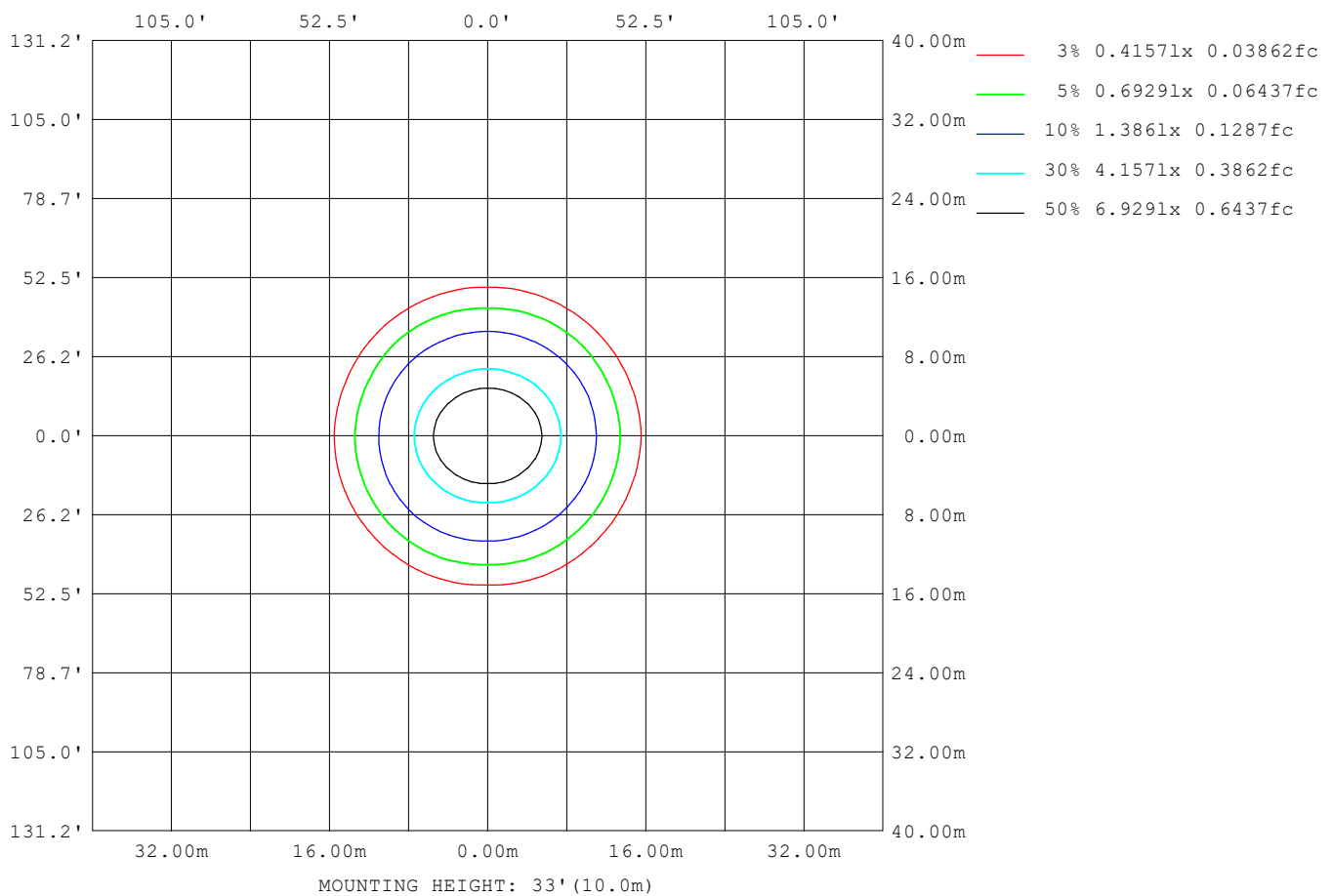
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: JEFF
Test Date: 29 January 2024

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity: 65.0%
Test Distance: 7.890m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

| | | |
|---|-------|------------------|
| Test:U:239.9V I:0.1128A P:25.38W PF:0.9380 Lamp Flux:2347.73x1 lm | | |
| NAME: HIP TRIM_1160_REC_WHT_DEGLARING_HE_500mA_4000K CRI90 | | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.:1 |
| MFR.: DARKON | SUR.: | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:29 January 2024

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.890m [K=1.0000]
Remarks:

LED Avg.L Report

| | | |
|---|-------|------------------|
| Test:U:239.9V I:0.1128A P:25.38W PF:0.9380 Lamp Flux:2347.73x1 lm | | |
| NAME: HIP TRIM_1160_REC_WHT_DEGLARING_HE_500mA_4000K CRI90 | | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.:1 |
| MFR.: DARKON | SUR.: | Shielding Angle: |

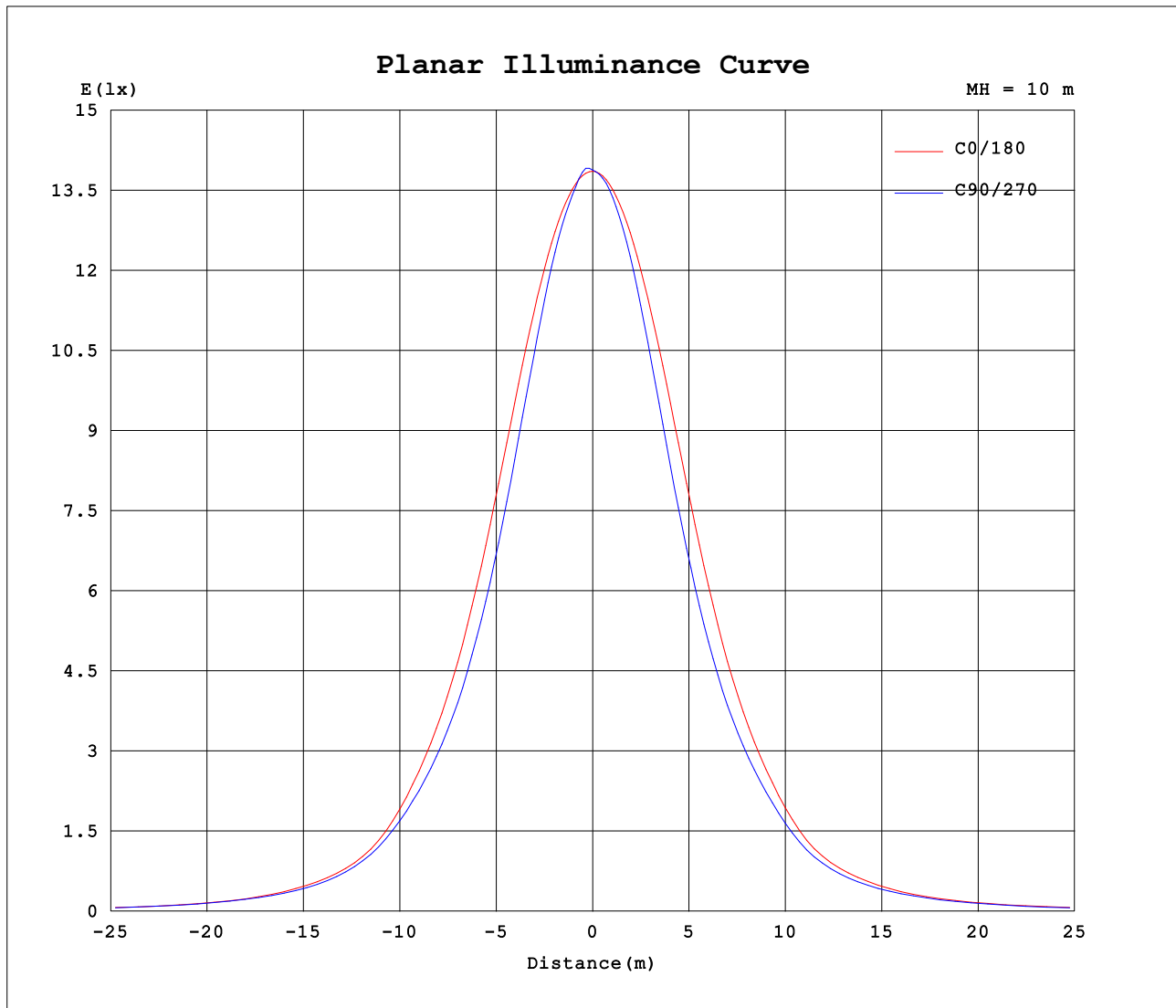
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 5675 |
| L_0~180 (75) av | 4437 |
| L_0~180 (85) av | 1947 |
| L_90~270 (65) av | 5390 |
| L_90~270 (75) av | 4121 |
| L_90~270 (85) av | 2047 |
| L_45 (65) av | 5529 |
| L_45 (75) av | 4247 |
| L_45 (85) av | 2057 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:JEFF
Test Date:29 January 2024

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity:65.0%
Test Distance:7.890m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: JEFF
Test Date: 29 January 2024

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.295
Humidity: 65.0%
Test Distance: 7.890m [K=1.0000]
Remarks:

