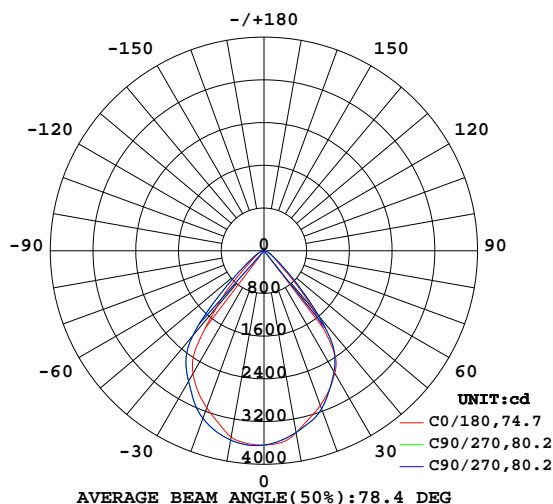


LUMINAIRE PHOTOMETRIC TEST REPORT

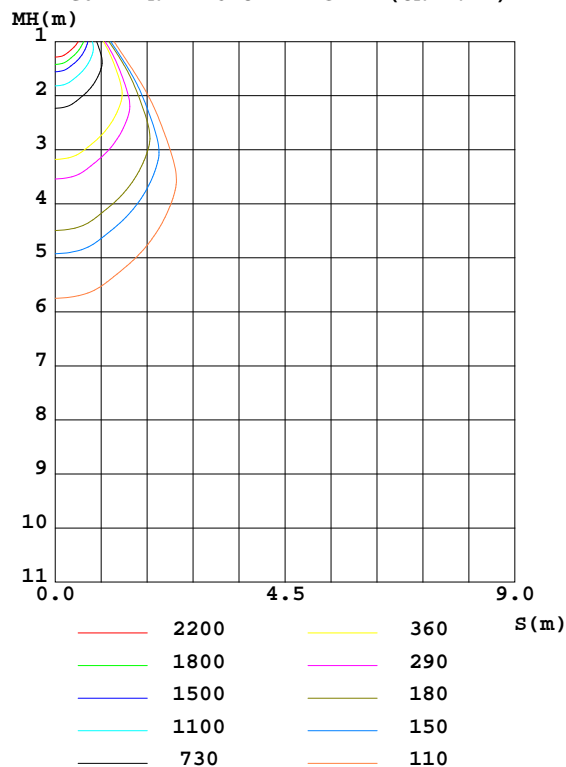
| | | |
|---|-------------|------------------|
| Test:U:230.16V I:0.1987A P:43.839W PF:0.9585 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5193.12x1 lm | | |
| NAME: LED542 W34 (45W 3000K) | TYPE: 45W | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: #1 |
| MFR.: | SUR.: 0.155 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 118.46 lm/W | | | |
|------------------|---------------------|-----------------------------------|--------|-------------------|----------|
| MODEL | LED542 W34 (45W/3K) | I _{max} (cd) | 3653 | S/MH(C0/180) | 1.08 |
| NOMINAL POWER(W) | 45 | LOR(%) | 100.0 | S/MH(C90/270) | 1.16 |
| RATED VOLTAGE(V) | | TOTAL FLUX(lm) | 5193.1 | η UP,DN(C0-180) | 0.0,48.2 |
| NOMINAL FLUX(lm) | 5193.12 | CIE CLASS | DIRECT | η UP,DN(C180-360) | 0.0,51.8 |
| LAMPS INSIDE | 1 | η up(%) | 0.0 | CIBSE SHR NOM | 1.00 |
| TEST VOLTAGE(V) | | 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: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-12-09

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity:65.0%
 Test Distance:8.690m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| γ | C0 | C90 | C180 | C270 | | | | | γ | Φ zone | Φ total | %lum, lamp |
|----------|-----------------------|-------|-------|-------|--|--|--|--|----------|-------------|--------------|------------|
| 10 | 3464 | 3456 | 3545 | 3600 | | | | | 0- 10 | 341.9 | 341.9 | 6.58,6.58 |
| 20 | 3083 | 3152 | 3132 | 3341 | | | | | 10- 20 | 945.1 | 1287 | 24.8,24.8 |
| 30 | 2652 | 2624 | 2658 | 2826 | | | | | 20- 30 | 1356 | 2643 | 50.9,50.9 |
| 40 | 1423 | 1597 | 1385 | 2072 | | | | | 30- 40 | 1405 | 4048 | 77.9,77.9 |
| 50 | 349.6 | 444.4 | 368.7 | 603.1 | | | | | 40- 50 | 716.8 | 4764 | 91.7,91.7 |
| 60 | 151.5 | 160.5 | 153.9 | 202.8 | | | | | 50- 60 | 239.0 | 5003 | 96.3,96.3 |
| 70 | 76.11 | 74.73 | 82.72 | 83.37 | | | | | 60- 70 | 116.5 | 5120 | 98.6,98.6 |
| 80 | 29.51 | 30.85 | 34.54 | 32.26 | | | | | 70- 80 | 56.91 | 5177 | 99.7,99.7 |
| 90 | 0.6220 | 1.278 | 1.403 | 1.077 | | | | | 80- 90 | 16.32 | 5193 | 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): 4508.8 lm

%lum = 86.8%

%lamp = 86.8%

Conical surface Flux(120deg): 5003.4 lm

%lum = 96.3%

%lamp = 96.3%

0 - 45 DEG Zonal Flux:4508.8 %lum: 86.8%

0 - 60 DEG Zonal Flux:5003.4 %lum: 96.3%

All measured values may vary less than 35 %

from the average measured value in the 0 to 130 deg. zone: 7.4%

All measured values in the 0 to 130 deg. zone

may vary less than 50% from the average value of itself: 11.5%

C Range: 0 - 360DEG

C Interval: 90.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:

Test Date:2021-12-09

γ Range: 0 - 90DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446

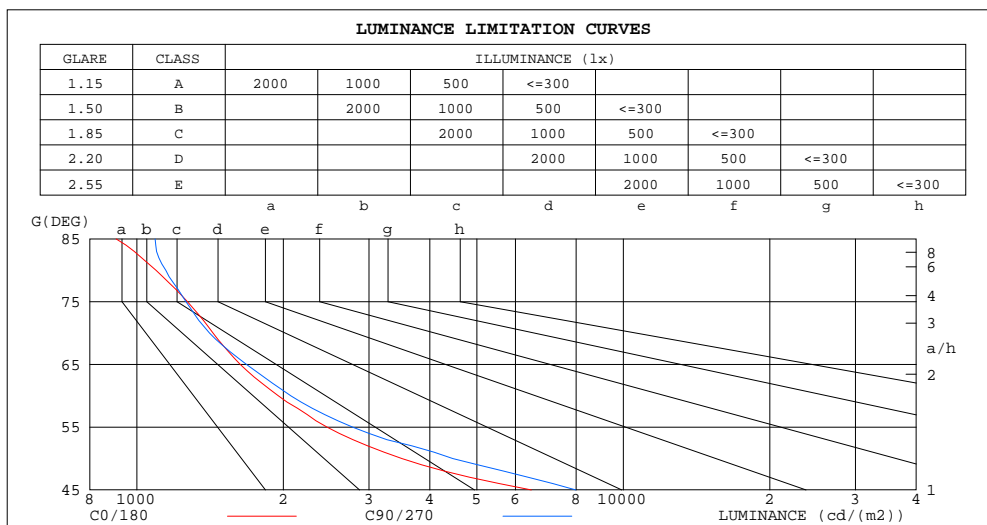
Humidity:65.0%

Test Distance:8.690m [K=1.0000]

Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|---|-------------|------------------|
| Test:U:230.16V I:0.1987A P:43.839W PF:0.9585 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5193.12x1 lm | | |
| NAME: LED542 W34 (45W 3000K) | TYPE: 45W | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: #1 |
| MFR.: | SUR.: 0.155 | Shielding Angle: |



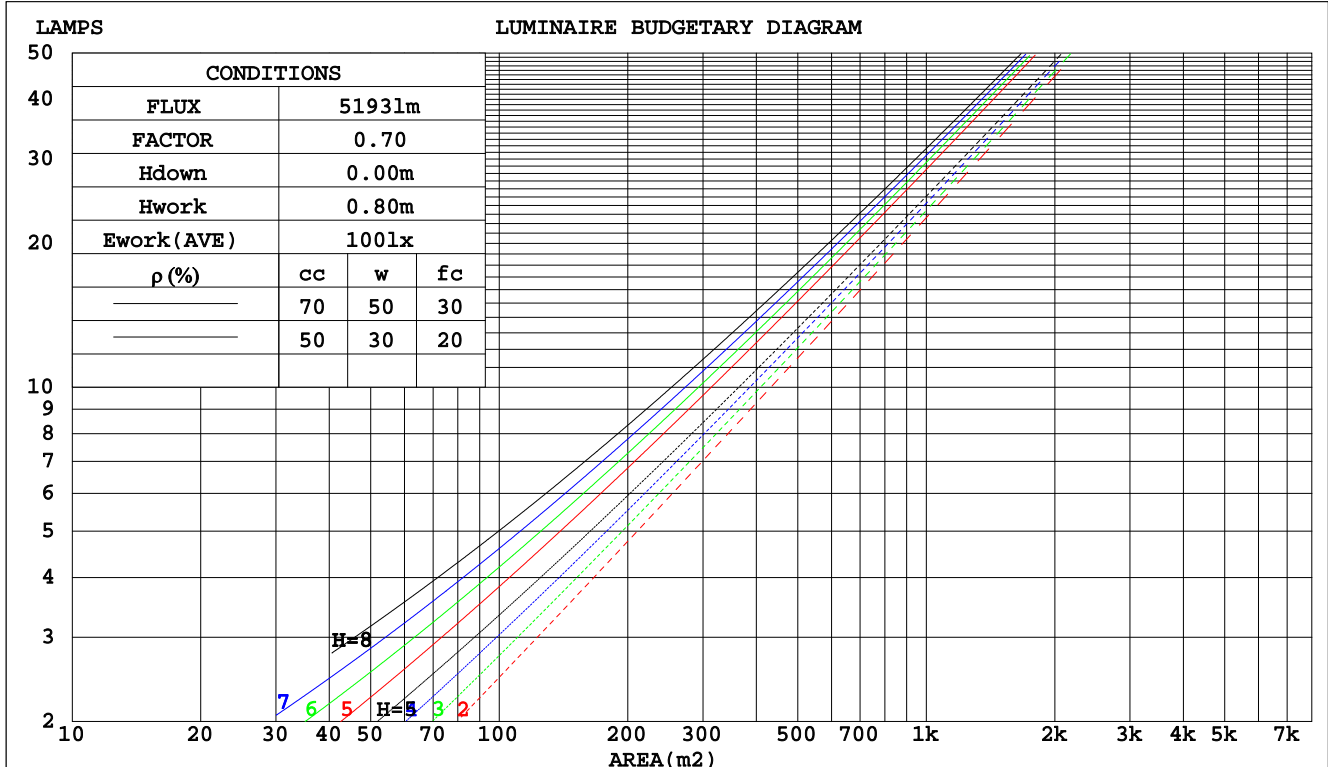
C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-12-09

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 8.690m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|-------------|------------------|
| Test:U:230.16V I:0.1987A P:43.839W PF:0.9585 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5193.12x1 lm | | |
| NAME: LED542 W34 (45W 3000K) | TYPE: 45W | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: #1 |
| MFR.: | SUR.: 0.155 | 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 | 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 | 1.09 | 1.06 | 1.03 | 1.07 | 1.04 | 1.02 | 1.03 | 1.01 | .99 | .99 | .97 | .96 | .95 | .94 | .93 | .91 |
| 2.0 | .00 | .95 | .91 | .98 | .93 | .90 | .94 | .91 | .88 | .91 | .88 | .86 | .89 | .86 | .84 | .82 |
| 3.0 | .91 | .85 | .80 | .90 | .84 | .80 | .87 | .82 | .78 | .84 | .81 | .77 | .82 | .79 | .76 | .74 |
| 4.0 | .84 | .77 | .72 | .82 | .76 | .72 | .80 | .75 | .71 | .78 | .74 | .70 | .76 | .72 | .69 | .67 |
| 5.0 | .77 | .70 | .65 | .76 | .70 | .65 | .74 | .68 | .64 | .72 | .67 | .63 | .71 | .66 | .63 | .61 |
| 6.0 | .71 | .64 | .59 | .70 | .64 | .59 | .69 | .63 | .58 | .67 | .62 | .58 | .66 | .61 | .57 | .56 |
| 7.0 | .66 | .59 | .54 | .65 | .58 | .54 | .64 | .58 | .53 | .62 | .57 | .53 | .61 | .56 | .53 | .51 |
| 8.0 | .61 | .54 | .49 | .60 | .54 | .49 | .59 | .53 | .49 | .58 | .53 | .49 | .57 | .52 | .49 | .47 |
| 9.0 | .57 | .50 | .46 | .56 | .50 | .45 | .55 | .49 | .45 | .54 | .49 | .45 | .53 | .49 | .45 | .43 |
| 10.0 | .53 | .47 | .42 | .53 | .46 | .42 | .52 | .46 | .42 | .51 | .46 | .42 | .50 | .45 | .42 | .40 |



C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-12-09

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.690m [K=1.0000]
Remarks:

WEC AND CCEC

| | | |
|---|-------------|------------------|
| Test:U:230.16V I:0.1987A P:43.839W PF:0.9585 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5193.12x1 lm | | |
| NAME: LED542 W34 (45W 3000K) | TYPE: 45W | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: #1 |
| MFR.: | SUR.: 0.155 | 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 | .212 | .120 | .038 | .205 | .117 | .037 | .192 | .110 | .035 | .180 | .104 | .033 | .170 | .098 | .032 | | |
| 2.0 | .204 | .112 | .034 | .198 | .109 | .034 | .188 | .104 | .032 | .177 | .100 | .031 | .168 | .095 | .030 | | |
| 3.0 | .195 | .104 | .031 | .190 | .102 | .031 | .180 | .098 | .030 | .171 | .094 | .029 | .163 | .090 | .028 | | |
| 4.0 | .185 | .096 | .028 | .180 | .094 | .028 | .172 | .091 | .027 | .165 | .088 | .027 | .157 | .086 | .026 | | |
| 5.0 | .175 | .089 | .026 | .172 | .088 | .026 | .164 | .086 | .025 | .158 | .083 | .025 | .151 | .081 | .024 | | |
| 6.0 | .167 | .084 | .024 | .163 | .082 | .024 | .157 | .080 | .023 | .151 | .078 | .023 | .145 | .076 | .023 | | |
| 7.0 | .158 | .078 | .022 | .155 | .077 | .022 | .150 | .076 | .022 | .144 | .074 | .022 | .139 | .072 | .021 | | |
| 8.0 | .151 | .074 | .021 | .148 | .073 | .021 | .143 | .071 | .020 | .138 | .070 | .020 | .134 | .069 | .020 | | |
| 9.0 | .144 | .069 | .019 | .141 | .069 | .019 | .137 | .068 | .019 | .132 | .066 | .019 | .128 | .065 | .019 | | |
| 10.0 | .137 | .066 | .018 | .135 | .065 | .018 | .131 | .064 | .018 | .127 | .063 | .018 | .123 | .062 | .018 | | |

| 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 | .174 | .157 | .142 | .148 | .135 | .122 | .102 | .093 | .085 | .058 | .054 | .049 | .019 | .017 | .016 | |
| 2.0 | .161 | .132 | .109 | .138 | .114 | .094 | .094 | .079 | .065 | .054 | .046 | .038 | .017 | .015 | .013 | |
| 3.0 | .150 | .114 | .085 | .129 | .098 | .074 | .088 | .068 | .052 | .051 | .040 | .030 | .016 | .013 | .010 | |
| 4.0 | .141 | .100 | .068 | .121 | .086 | .059 | .083 | .060 | .042 | .048 | .035 | .025 | .015 | .011 | .008 | |
| 5.0 | .133 | .088 | .055 | .114 | .076 | .048 | .079 | .053 | .034 | .046 | .031 | .020 | .015 | .010 | .007 | |
| 6.0 | .126 | .080 | .046 | .109 | .069 | .040 | .075 | .048 | .028 | .043 | .028 | .017 | .014 | .009 | .006 | |
| 7.0 | .120 | .072 | .039 | .103 | .063 | .034 | .071 | .044 | .024 | .041 | .026 | .014 | .013 | .008 | .005 | |
| 8.0 | .115 | .066 | .033 | .099 | .058 | .029 | .068 | .040 | .021 | .040 | .024 | .012 | .013 | .008 | .004 | |
| 9.0 | .109 | .061 | .029 | .094 | .053 | .025 | .065 | .037 | .018 | .038 | .022 | .011 | .012 | .007 | .004 | |
| 10.0 | .105 | .057 | .025 | .090 | .050 | .022 | .063 | .035 | .016 | .037 | .021 | .009 | .012 | .007 | .003 | |

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-12-09

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.690m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|---|------------------|------|------|------|-------------|----------------|------|------------------|------|------|
| Test:U:230.16V I:0.1987A P:43.839W PF:0.9585 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5193.12x1 lm | | | | | | | | | | |
| NAME: LED542 W34 (45W 3000K) | | | | | TYPE: 45W | | | WEIGHT: | | |
| SPEC.: 3000K | | | | | DIM.: | | | SERIAL No.: #1 | | |
| MFR.: | | | | | SUR.: 0.155 | | | 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 | 15.9 | 17.0 | 16.1 | 17.2 | 17.4 | 16.2 | 17.3 | 16.4 | 17.5 | 17.7 |
| 3H | 15.9 | 17.0 | 16.2 | 17.2 | 17.4 | 16.2 | 17.3 | 16.5 | 17.5 | 17.7 |
| 4H | 16.0 | 17.0 | 16.3 | 17.2 | 17.4 | 16.2 | 17.2 | 16.5 | 17.5 | 17.7 |
| 6H | 16.0 | 16.9 | 16.3 | 17.1 | 17.4 | 16.2 | 17.2 | 16.5 | 17.4 | 17.7 |
| 8H | 16.0 | 16.8 | 16.3 | 17.1 | 17.4 | 16.2 | 17.1 | 16.5 | 17.4 | 17.7 |
| 12H | 15.9 | 16.8 | 16.3 | 17.1 | 17.3 | 16.2 | 17.1 | 16.5 | 17.3 | 17.6 |
| 4H 2H | 15.8 | 16.8 | 16.1 | 17.0 | 17.2 | 16.1 | 17.0 | 16.3 | 17.3 | 17.5 |
| 3H | 15.9 | 16.8 | 16.2 | 17.0 | 17.3 | 16.2 | 17.0 | 16.5 | 17.3 | 17.6 |
| 4H | 16.0 | 16.8 | 16.3 | 17.1 | 17.4 | 16.2 | 17.0 | 16.6 | 17.3 | 17.6 |
| 6H | 16.1 | 16.7 | 16.4 | 17.1 | 17.4 | 16.3 | 17.0 | 16.7 | 17.3 | 17.7 |
| 8H | 16.1 | 16.7 | 16.5 | 17.0 | 17.4 | 16.3 | 16.9 | 16.7 | 17.3 | 17.7 |
| 12H | 16.1 | 16.6 | 16.5 | 17.0 | 17.4 | 16.3 | 16.9 | 16.7 | 17.3 | 17.7 |
| 8H 4H | 15.9 | 16.6 | 16.3 | 16.9 | 17.3 | 16.2 | 16.8 | 16.6 | 17.2 | 17.5 |
| 6H | 16.1 | 16.6 | 16.5 | 17.0 | 17.4 | 16.3 | 16.8 | 16.7 | 17.2 | 17.6 |
| 8H | 16.1 | 16.6 | 16.6 | 17.0 | 17.4 | 16.3 | 16.8 | 16.8 | 17.2 | 17.7 |
| 12H | 16.1 | 16.5 | 16.6 | 17.0 | 17.4 | 16.4 | 16.8 | 16.8 | 17.2 | 17.7 |
| 12H 4H | 15.9 | 16.5 | 16.3 | 16.9 | 17.3 | 16.2 | 16.7 | 16.6 | 17.1 | 17.5 |
| 6H | 16.0 | 16.5 | 16.5 | 16.9 | 17.4 | 16.3 | 16.7 | 16.7 | 17.1 | 17.6 |
| 8H | 16.1 | 16.5 | 16.6 | 16.9 | 17.4 | 16.3 | 16.7 | 16.8 | 17.2 | 17.6 |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | |
| S = 1.0H | + 1.8 / - 3.5 | | | | | + 2.0 / - 3.6 | | | | |
| 1.5H | + 3.4 / - 3.1 | | | | | + 3.4 / - 3.4 | | | | |
| 2.0H | + 3.3 / - 1.7 | | | | | + 4.1 / - 2.2 | | | | |

CIE Pub.117, 5193 lm Total Lamp Luminous Flux Corrected ($8\log(F/F_0) = 5.7$)
Area: 0.155 m²

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-12-09

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.690m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|---|-------------|------------------|
| Test:U:230.16V I:0.1987A P:43.839W PF:0.9585 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5193.12x1 lm | | |
| NAME: LED542 W34 (45W 3000K) | TYPE: 45W | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: #1 |
| MFR.: | SUR.: 0.155 | Shielding Angle: |

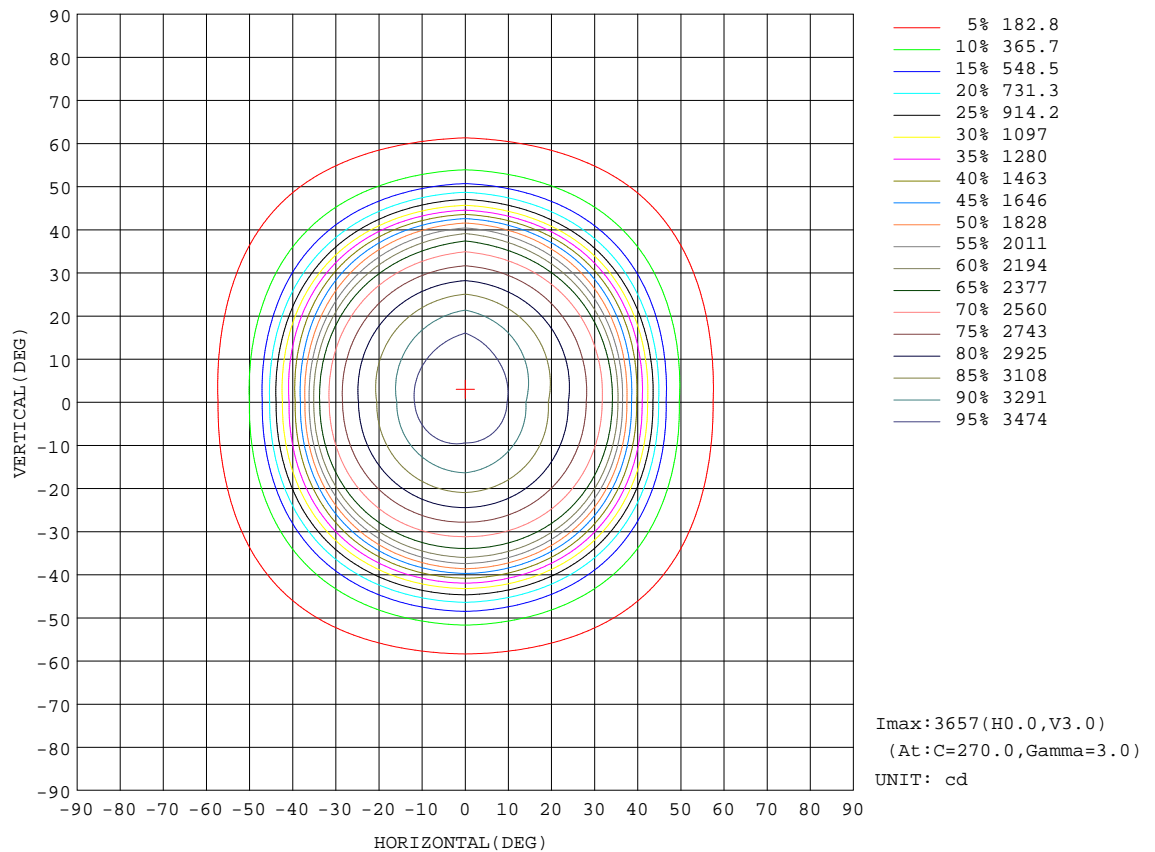
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 78 | 70 | 65 | 77 | 69 | 65 | 76 | 69 | 65 | 60 |
| 0.80 | 86 | 79 | 74 | 86 | 78 | 74 | 84 | 78 | 73 | 69 |
| 1.00 | 93 | 85 | 81 | 92 | 85 | 81 | 90 | 85 | 80 | 75 |
| 1.25 | 98 | 91 | 87 | 97 | 91 | 86 | 94 | 89 | 86 | 81 |
| 1.50 | 101 | 95 | 91 | 100 | 94 | 90 | 97 | 93 | 89 | 84 |
| 2.00 | 105 | 100 | 96 | 104 | 99 | 95 | 101 | 97 | 94 | 88 |
| 2.50 | 107 | 103 | 99 | 106 | 101 | 98 | 102 | 99 | 96 | 90 |
| 3.00 | 109 | 105 | 102 | 108 | 104 | 101 | 104 | 101 | 98 | 92 |
| 4.00 | 112 | 108 | 105 | 110 | 107 | 104 | 106 | 103 | 101 | 94 |
| 5.00 | 113 | 110 | 108 | 111 | 108 | 106 | 107 | 105 | 103 | 95 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHRNOM = 1.25 | | |

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-12-09

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.690m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

| | | |
|---|-------------|------------------|
| Test:U:230.16V I:0.1987A P:43.839W PF:0.9585 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5193.12x1 lm | | |
| NAME: LED542 W34 (45W 3000K) | TYPE: 45W | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: #1 |
| MFR.: | SUR.: 0.155 | Shielding Angle: |

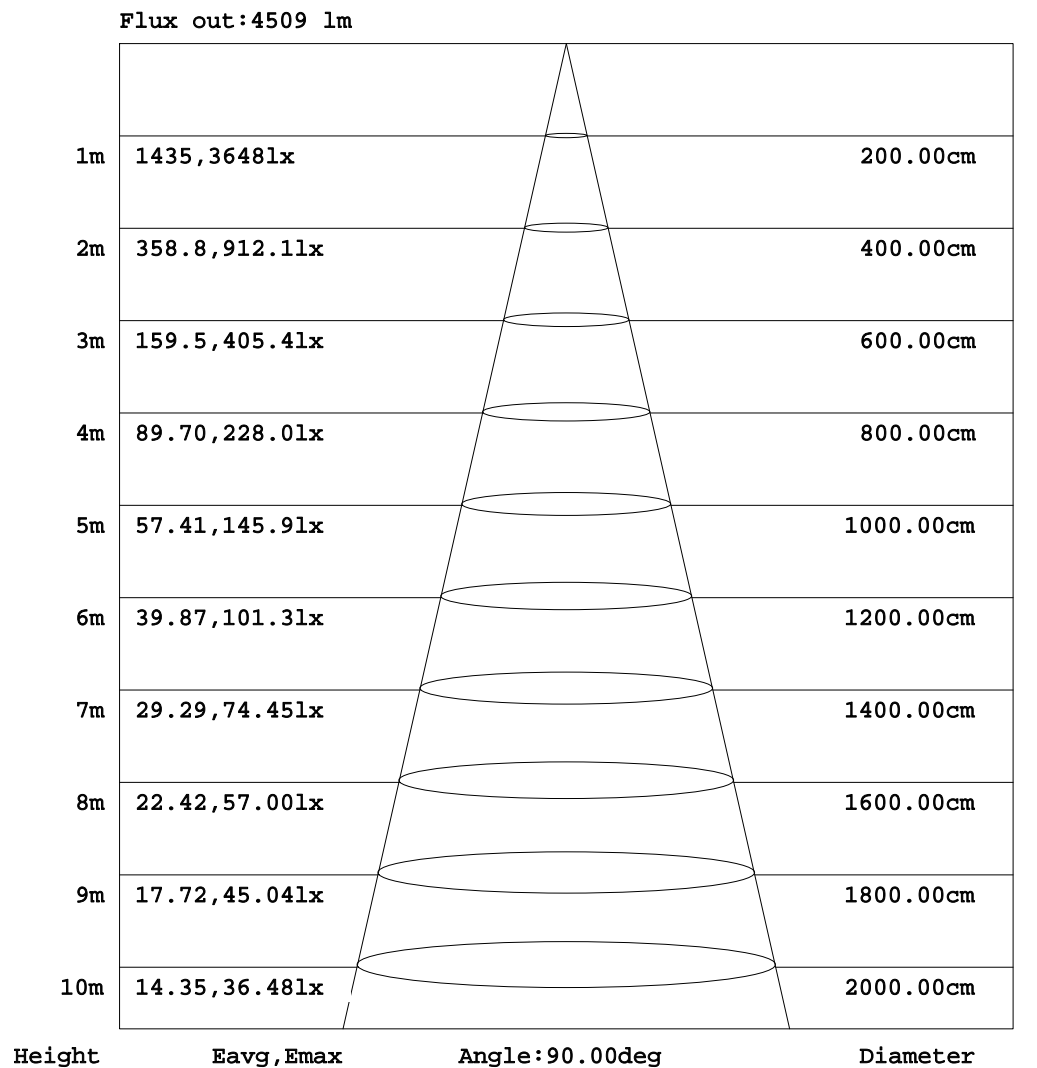


C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-12-09

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.690m [K=1.0000]
Remarks:

AAI Figure

| | | |
|---|-------------|------------------|
| Test:U:230.16V I:0.1987A P:43.839W PF:0.9585 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5193.12x1 lm | | |
| NAME: LED542 W34 (45W 3000K) | TYPE: 45W | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: #1 |
| MFR.: | SUR.: 0.155 | Shielding Angle: |



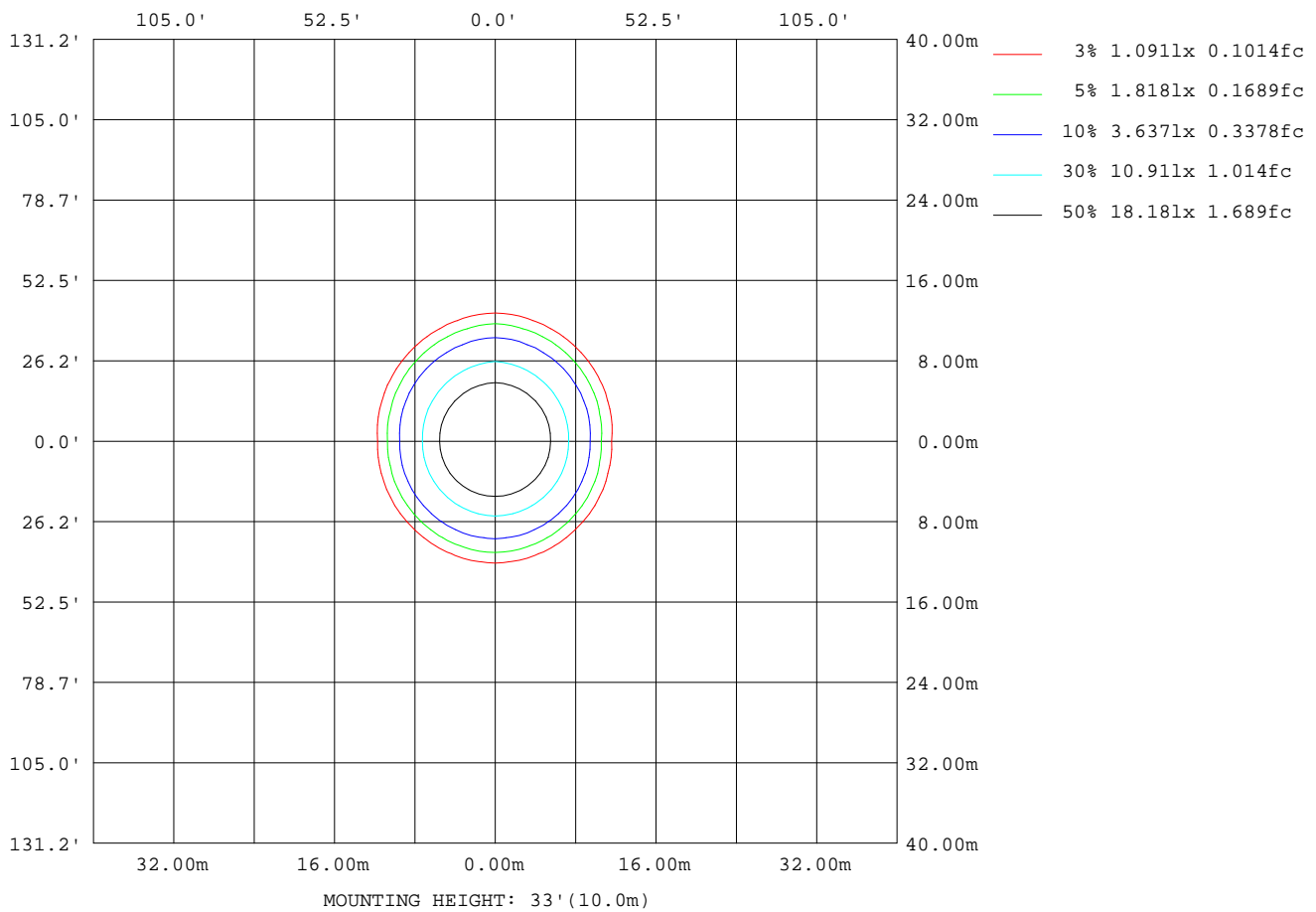
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-12-09

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.690m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

| | | |
|---|-------------|------------------|
| Test:U:230.16V I:0.1987A P:43.839W PF:0.9585 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5193.12x1 lm | | |
| NAME: LED542 W34 (45W 3000K) | TYPE: 45W | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: #1 |
| MFR.: | SUR.: 0.155 | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2021-12-09

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity: 65.0%
Test Distance: 8.690m [K=1.0000]
Remarks:

LED Avg.L Report

| | | |
|---|-------------|------------------|
| Test:U:230.16V I:0.1987A P:43.839W PF:0.9585 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:5193.12x1 lm | | |
| NAME: LED542 W34 (45W 3000K) | TYPE: 45W | WEIGHT: |
| SPEC.: 3000K | DIM.: | SERIAL No.: #1 |
| MFR.: | SUR.: 0.155 | Shielding Angle: |

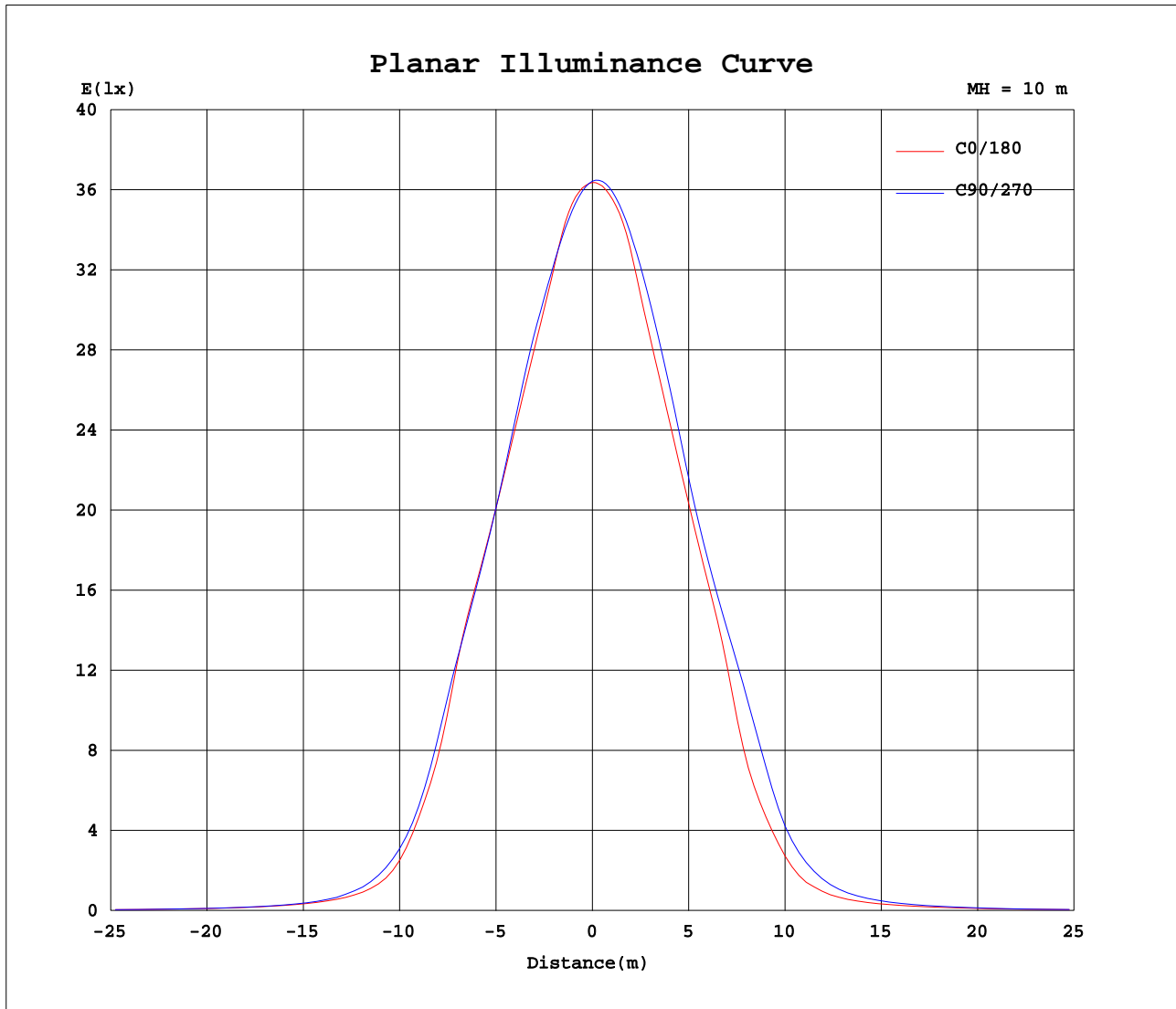
| AvgL | cd/m2 |
|----------------|-------|
| L_0~180(65)av | 1682 |
| L_0~180(75)av | 1348 |
| L_0~180(85)av | 1049 |
| L_90~270(65)av | 1836 |
| L_90~270(75)av | 1308 |
| L_90~270(85)av | 1087 |
| L_45(65)av | 1781 |
| L_45(75)av | 1328 |
| L_45(85)av | 1081 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2021-12-09

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.690m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-12-09

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.446
 Humidity: 65.0%
 Test Distance: 8.690m [K=1.0000]
 Remarks:

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:8.690m [K=1.0000]
Remarks:

```