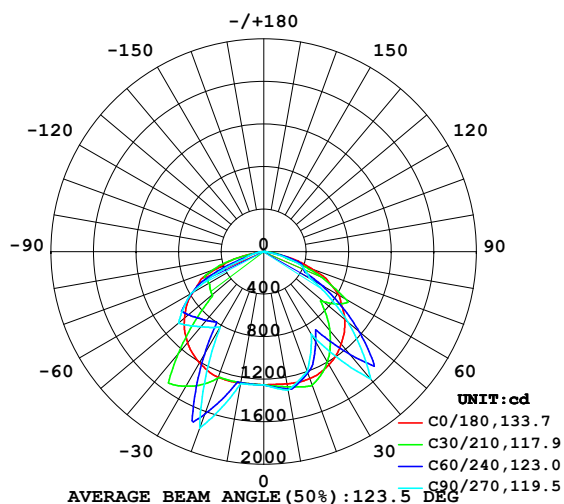


LUMINAIRE PHOTOMETRIC TEST REPORT

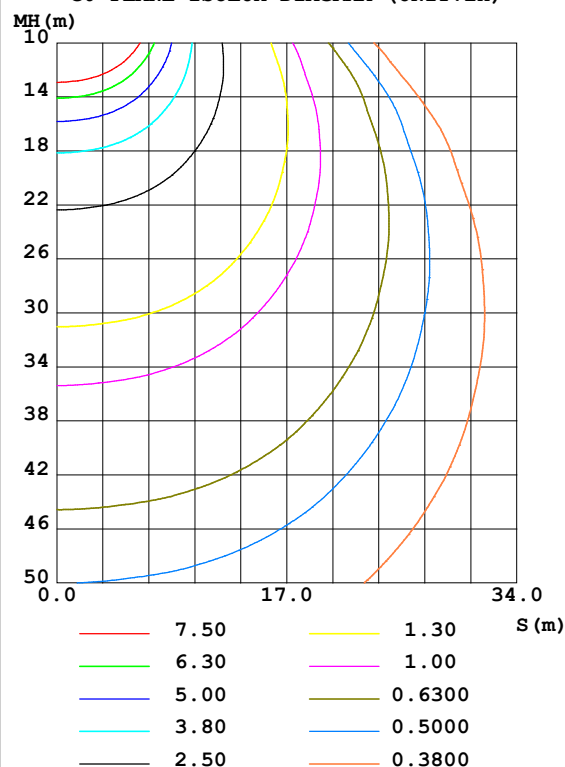
| | | |
|--|-------------|---------------------|
| Test:U:219.82V I:0.1884A P:39.896W PF:0.9653 Freq:49.99Hz Lamp Flux:4163.85x1 lm | | |
| NAME: Linear | TYPE:Linear | WEIGHT: |
| SPEC.:40W | DIM.: | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 104.37 lm/W | | | |
|------------------|-------------------|-----------------------------------|--------|------------------------|----------|
| MODEL NJZ | FEL-G-40-V01-RZ-T | Imax(cd) | 1767 | S/MH(C0/180) | 1.43 |
| NOMINAL POWER(W) | 40 | LOR(%) | 100.0 | S/MH(C90/270) | 1.10 |
| RATED VOLTAGE(V) | 220 | TOTAL FLUX(lm) | 4163.9 | η UP,DN(C0-180) | 0.0,50.4 |
| NOMINAL FLUX(lm) | 4163.85 | 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) | 220 | η down(%) | 100.0 | CIBSE SHR MAX | 1.05 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:08 January 2020

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:6.010m [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 | 1263 | 1302 | 1323 | 1307 | 1253 | 1251 | 1259 | 1265 | 0- 10 | 121.1 | 121.1 | 2.91, 2.91 |
| 20 | 1270 | 1261 | 1198 | 1292 | 1257 | 1466 | 1767 | 1496 | 10- 20 | 376.9 | 498.0 | 12, 12 |
| 30 | 1228 | 1074 | 895.4 | 1134 | 1207 | 1482 | 819.7 | 1517 | 20- 30 | 596.3 | 1094 | 26.3, 26.3 |
| 40 | 1133 | 871.3 | 1564 | 873.3 | 1116 | 760.0 | 921.6 | 761.4 | 30- 40 | 698.0 | 1792 | 43, 43 |
| 50 | 994.0 | 1315 | 1033 | 1265 | 973.9 | 818.2 | 1048 | 789.3 | 40- 50 | 818.6 | 2611 | 62.7, 62.7 |
| 60 | 814.6 | 752.4 | 498.5 | 742.3 | 768.4 | 781.0 | 793.5 | 818.1 | 50- 60 | 762.3 | 3373 | 81, 81 |
| 70 | 489.3 | 342.8 | 372.8 | 332.2 | 469.5 | 432.0 | 194.4 | 440.7 | 60- 70 | 525.8 | 3899 | 93.6, 93.6 |
| 80 | 66.31 | 151.8 | 34.53 | 147.3 | 69.61 | 71.37 | 51.68 | 66.57 | 70- 80 | 240.4 | 4140 | 99.4, 99.4 |
| 90 | 1.245 | 0 | 0 | 0 | 1.022 | 0 | 0 | 0 | 80- 90 | 24.34 | 4164 | 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): 2196.2 lm

%lum = 52.7%

%lamp = 52.7%

Conical surface Flux(120deg): 3373.3 lm

%lum = 81.0%

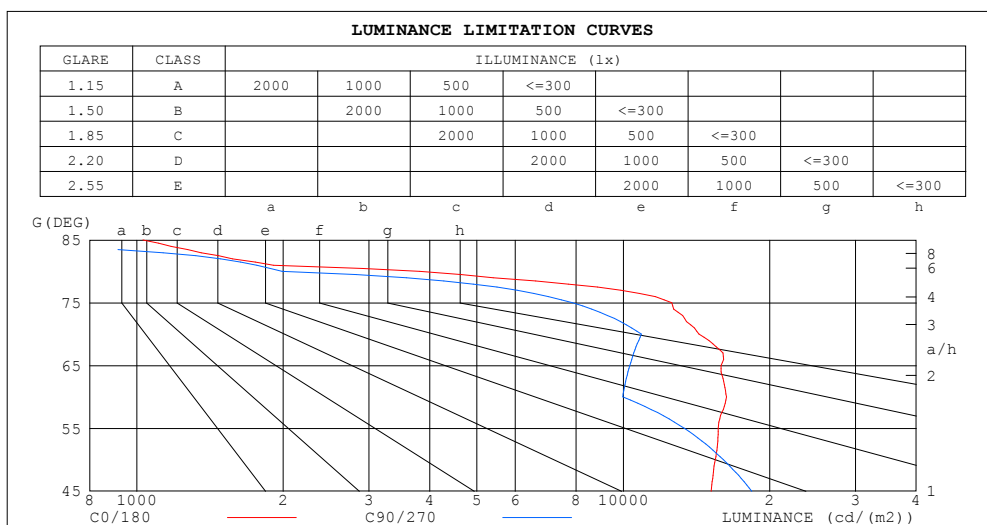
%lamp = 81.0%

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:CL
 Test Date:08 January 2020

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:6.010m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|--|-------------|---------------------|
| Test:U:219.82V I:0.1884A P:39.896W PF:0.9653 Freq:49.99Hz Lamp Flux:4163.85x1 lm | | |
| NAME: Linear | TYPE:Linear | WEIGHT: |
| SPEC.:40W | DIM.: | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 1029 | 0 |
| 80 | 3818 | 1989 |
| 75 | 12573 | 7870 |
| 70 | 14307 | 10901 |
| 65 | 15883 | 10309 |
| 60 | 16291 | 9970 |
| 55 | 15664 | 13348 |
| 50 | 15463 | 16067 |
| 45 | 15161 | 18364 |

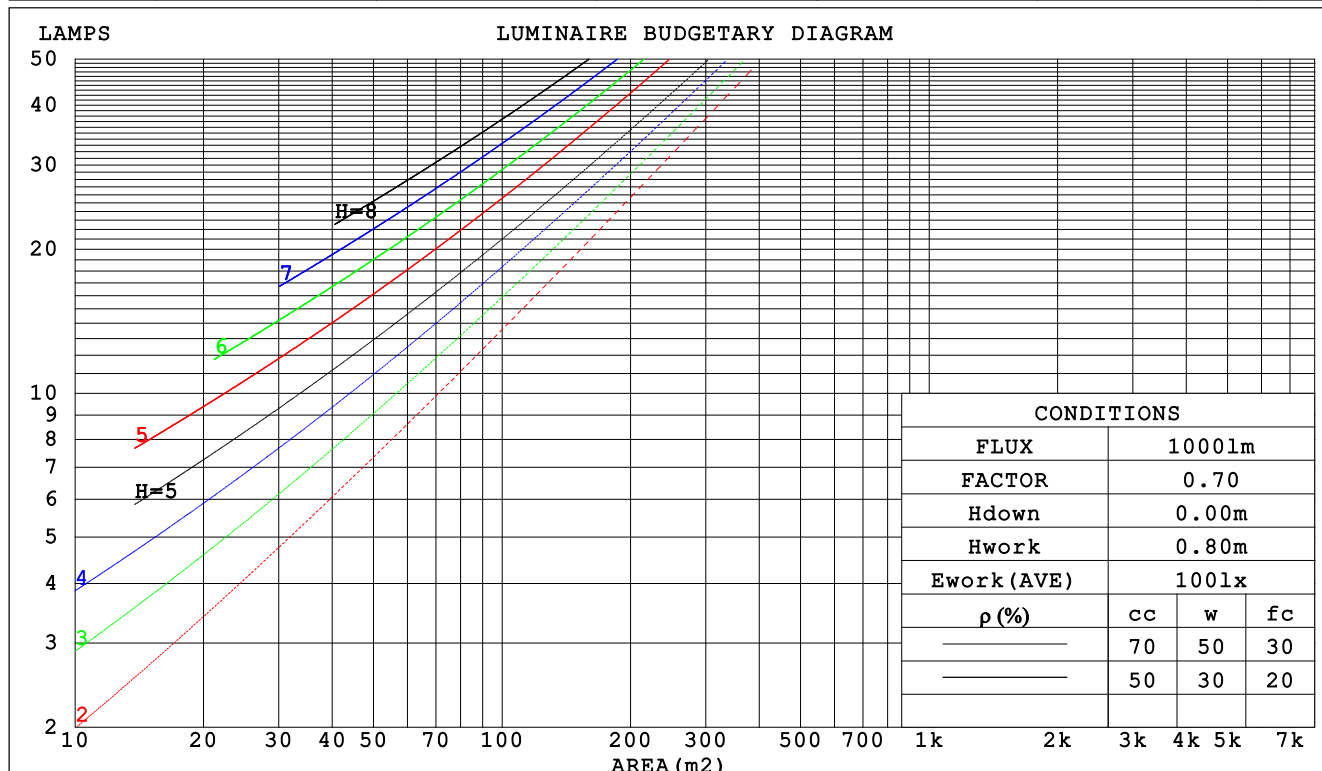
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:08 January 2020

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:6.010m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|--|-------------|---------------------|
| Test:U:219.82V I:0.1884A P:39.896W PF:0.9653 Freq:49.99Hz Lamp Flux:4163.85x1 lm | | |
| NAME: Linear | TYPE:Linear | WEIGHT: |
| SPEC.:40W | DIM.: | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |

| 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 | 1.05 | 1.01 | .97 | 1.02 | .99 | .95 | .98 | .95 | .92 | .94 | .92 | .89 | .91 | .89 | .87 | .85 |
| 2.0 | .91 | .84 | .79 | .89 | .83 | .78 | .86 | .81 | .76 | .82 | .78 | .74 | .79 | .76 | .73 | .71 |
| 3.0 | .80 | .72 | .65 | .78 | .71 | .65 | .75 | .69 | .64 | .73 | .67 | .62 | .70 | .65 | .61 | .59 |
| 4.0 | .71 | .62 | .55 | .69 | .61 | .55 | .67 | .60 | .54 | .64 | .58 | .53 | .62 | .57 | .52 | .50 |
| 5.0 | .63 | .54 | .47 | .62 | .53 | .47 | .59 | .52 | .46 | .58 | .51 | .46 | .56 | .50 | .45 | .43 |
| 6.0 | .56 | .47 | .41 | .55 | .47 | .41 | .54 | .46 | .40 | .52 | .45 | .40 | .50 | .44 | .40 | .37 |
| 7.0 | .51 | .42 | .36 | .50 | .42 | .36 | .48 | .41 | .35 | .47 | .40 | .35 | .46 | .40 | .35 | .33 |
| 8.0 | .46 | .38 | .32 | .46 | .37 | .32 | .44 | .37 | .31 | .43 | .36 | .31 | .42 | .36 | .31 | .29 |
| 9.0 | .42 | .34 | .28 | .42 | .34 | .28 | .41 | .33 | .28 | .40 | .33 | .28 | .38 | .32 | .28 | .26 |
| 10.0 | .39 | .31 | .26 | .38 | .31 | .26 | .37 | .30 | .25 | .37 | .30 | .25 | .36 | .30 | .25 | .23 |



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:CL
 Test Date:08 January 2020

V(B) Range:-80 - 80DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:6.010m [K=1.0000]
 Remarks:

WEC AND CCEC

| | | |
|--|-------------|---------------------|
| Test:U:219.82V I:0.1884A P:39.896W PF:0.9653 Freq:49.99Hz Lamp Flux:4163.85x1 lm | | |
| NAME: Linear | TYPE:Linear | WEIGHT: |
| SPEC.:40W | DIM.: | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |

| 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 | .295 | .168 | .053 | .288 | .164 | .052 | .274 | .157 | .050 | .262 | .151 | .049 | .251 | .146 | .047 | | |
| 2.0 | .285 | .156 | .048 | .278 | .153 | .047 | .267 | .148 | .046 | .256 | .144 | .045 | .246 | .139 | .044 | | |
| 3.0 | .267 | .142 | .043 | .261 | .140 | .042 | .251 | .136 | .041 | .241 | .132 | .041 | .233 | .129 | .040 | | |
| 4.0 | .248 | .129 | .038 | .243 | .127 | .038 | .234 | .124 | .037 | .225 | .121 | .037 | .218 | .118 | .036 | | |
| 5.0 | .230 | .117 | .034 | .226 | .116 | .034 | .218 | .113 | .033 | .210 | .111 | .033 | .203 | .109 | .033 | | |
| 6.0 | .214 | .107 | .031 | .210 | .106 | .031 | .203 | .104 | .030 | .196 | .102 | .030 | .190 | .100 | .030 | | |
| 7.0 | .200 | .099 | .028 | .196 | .098 | .028 | .190 | .096 | .028 | .184 | .094 | .027 | .178 | .092 | .027 | | |
| 8.0 | .187 | .091 | .026 | .184 | .090 | .026 | .178 | .089 | .025 | .172 | .087 | .025 | .167 | .086 | .025 | | |
| 9.0 | .175 | .085 | .024 | .172 | .084 | .024 | .167 | .083 | .023 | .162 | .081 | .023 | .158 | .080 | .023 | | |
| 10.0 | .165 | .079 | .022 | .162 | .078 | .022 | .158 | .077 | .022 | .153 | .076 | .022 | .149 | .075 | .021 | | |

| 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 | .179 | .156 | .136 | .153 | .134 | .117 | .105 | .092 | .081 | .060 | .053 | .047 | .019 | .017 | .015 | |
| 2.0 | .171 | .132 | .099 | .147 | .114 | .085 | .101 | .079 | .060 | .058 | .046 | .035 | .019 | .015 | .011 | |
| 3.0 | .164 | .114 | .075 | .140 | .099 | .065 | .096 | .068 | .045 | .056 | .040 | .027 | .018 | .013 | .009 | |
| 4.0 | .157 | .101 | .058 | .134 | .087 | .051 | .092 | .061 | .036 | .053 | .036 | .021 | .017 | .012 | .007 | |
| 5.0 | .149 | .091 | .047 | .128 | .078 | .041 | .088 | .055 | .029 | .051 | .032 | .017 | .016 | .010 | .006 | |
| 6.0 | .142 | .082 | .039 | .122 | .071 | .034 | .084 | .050 | .024 | .049 | .029 | .014 | .016 | .010 | .005 | |
| 7.0 | .136 | .075 | .033 | .117 | .065 | .029 | .081 | .046 | .020 | .047 | .027 | .012 | .015 | .009 | .004 | |
| 8.0 | .129 | .070 | .029 | .111 | .060 | .025 | .077 | .042 | .018 | .045 | .025 | .011 | .015 | .008 | .003 | |
| 9.0 | .123 | .065 | .025 | .106 | .056 | .022 | .074 | .039 | .016 | .043 | .023 | .009 | .014 | .008 | .003 | |
| 10.0 | .118 | .060 | .022 | .101 | .052 | .019 | .070 | .037 | .014 | .041 | .022 | .008 | .013 | .007 | .003 | |

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:08 January 2020

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:6.010m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|--|------------------|------|------|------|-------------|----------------|------|---------------------|------|------|
| Test:U:219.82V I:0.1884A P:39.896W PF:0.9653 Freq:49.99Hz Lamp Flux:4163.85x1 lm | | | | | | | | | | |
| NAME: Linear | | | | | TYPE:Linear | | | WEIGHT: | | |
| SPEC.:40W | | | | | DIM.: | | | SERIAL No.:N/A | | |
| MFR.: NJZ Lighting Technology Co.,Ltd | | | | | SUR.:N/A | | | Shielding Angle:N/A | | |
| 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 | 17.7 | 19.3 | 18.0 | 19.5 | 19.7 | 17.3 | 18.8 | 17.6 | 19.0 | 19.2 |
| 3H | 19.0 | 20.4 | 19.3 | 20.6 | 20.9 | 18.4 | 19.8 | 18.7 | 20.1 | 20.3 |
| 4H | 19.4 | 20.7 | 19.7 | 21.0 | 21.3 | 18.8 | 20.1 | 19.1 | 20.4 | 20.6 |
| 6H | 19.5 | 20.8 | 19.9 | 21.1 | 21.3 | 18.8 | 20.1 | 19.1 | 20.3 | 20.6 |
| 8H | 19.5 | 20.7 | 19.8 | 21.0 | 21.3 | 18.8 | 20.0 | 19.1 | 20.3 | 20.6 |
| 12H | 19.4 | 20.6 | 19.8 | 20.9 | 21.2 | 18.7 | 19.9 | 19.1 | 20.2 | 20.5 |
| 4H 2H | 18.3 | 19.6 | 18.6 | 19.8 | 20.1 | 17.8 | 19.2 | 18.2 | 19.4 | 19.7 |
| 3H | 19.7 | 20.9 | 20.0 | 21.2 | 21.5 | 19.2 | 20.4 | 19.6 | 20.7 | 21.0 |
| 4H | 20.2 | 21.3 | 20.6 | 21.6 | 22.0 | 19.7 | 20.8 | 20.1 | 21.1 | 21.4 |
| 6H | 20.5 | 21.4 | 20.9 | 21.8 | 22.2 | 19.8 | 20.7 | 20.2 | 21.1 | 21.4 |
| 8H | 20.5 | 21.3 | 20.9 | 21.7 | 22.1 | 19.7 | 20.6 | 20.2 | 21.0 | 21.4 |
| 12H | 20.4 | 21.2 | 20.9 | 21.6 | 22.0 | 19.7 | 20.5 | 20.1 | 20.9 | 21.3 |
| 8H 4H | 20.5 | 21.4 | 20.9 | 21.7 | 22.1 | 20.0 | 20.9 | 20.4 | 21.3 | 21.6 |
| 6H | 20.9 | 21.6 | 21.3 | 22.0 | 22.4 | 20.2 | 20.9 | 20.6 | 21.3 | 21.7 |
| 8H | 20.9 | 21.5 | 21.3 | 21.9 | 22.4 | 20.1 | 20.8 | 20.6 | 21.2 | 21.6 |
| 12H | 20.8 | 21.4 | 21.3 | 21.8 | 22.3 | 20.1 | 20.6 | 20.6 | 21.1 | 21.6 |
| 12H 4H | 20.5 | 21.3 | 20.9 | 21.7 | 22.1 | 20.0 | 20.8 | 20.4 | 21.2 | 21.6 |
| 6H | 20.8 | 21.5 | 21.3 | 21.9 | 22.4 | 20.2 | 20.8 | 20.6 | 21.2 | 21.7 |
| 8H | 20.9 | 21.4 | 21.3 | 21.9 | 22.3 | 20.2 | 20.7 | 20.6 | 21.1 | 21.6 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 0.7 / - 1.1 | | | | | + 0.2 / - 0.3 | | | | |
| 1.5H | + 0.4 / - 0.5 | | | | | + 0.4 / - 0.9 | | | | |
| 2.0H | + 1.1 / - 1.3 | | | | | + 1.0 / - 1.7 | | | | |

CIE Pub.117, 4164 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 5.0$)

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:08 January 2020

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:6.010m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|--|-------------|---------------------|
| Test:U:219.82V I:0.1884A P:39.896W PF:0.9653 Freq:49.99Hz Lamp Flux:4163.85x1 lm | | |
| NAME: Linear | TYPE:Linear | WEIGHT: |
| SPEC.:40W | DIM.: | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |

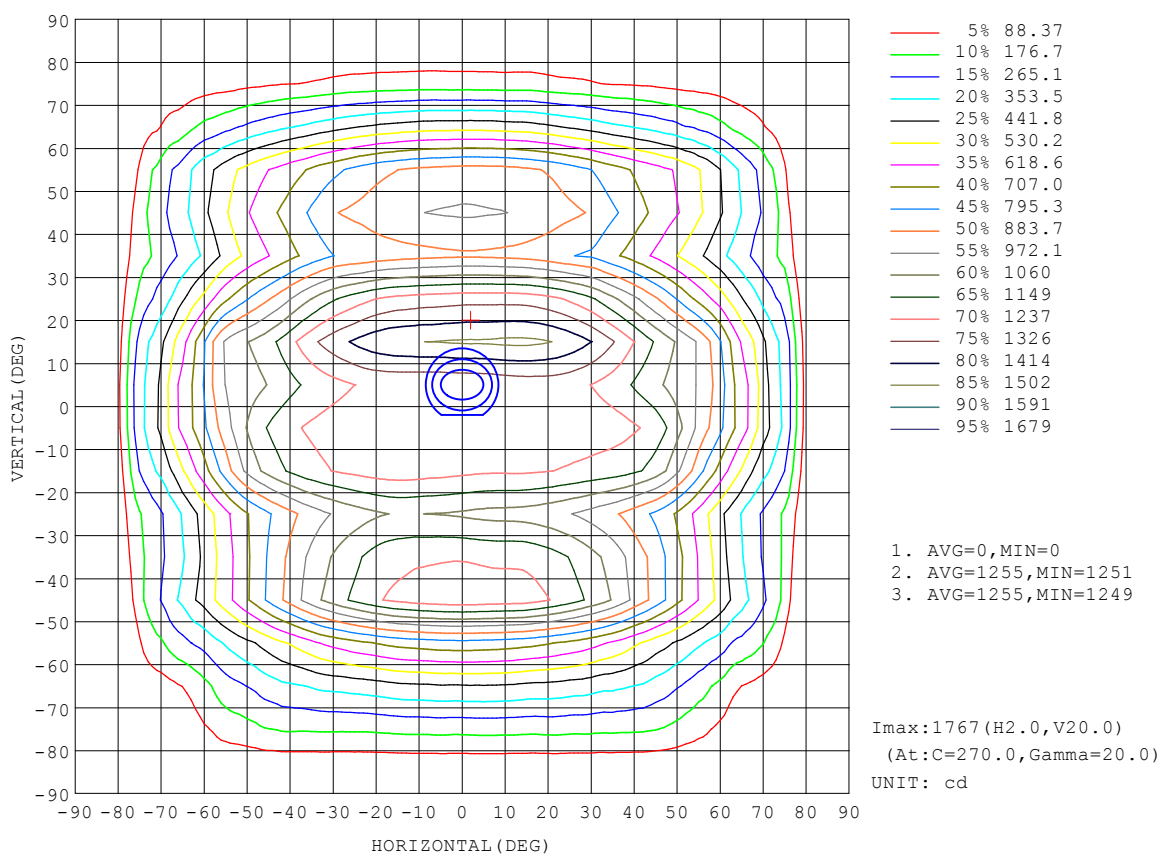
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|----------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 56 | 44 | 37 | 55 | 44 | 37 | 54 | 44 | 37 | 30 |
| 0.80 | 67 | 55 | 47 | 66 | 54 | 47 | 64 | 54 | 47 | 40 |
| 1.00 | 76 | 64 | 57 | 74 | 64 | 57 | 72 | 65 | 56 | 49 |
| 1.25 | 83 | 73 | 65 | 82 | 72 | 65 | 79 | 70 | 64 | 57 |
| 1.50 | 88 | 78 | 71 | 87 | 78 | 71 | 84 | 76 | 70 | 62 |
| 2.00 | 95 | 87 | 81 | 94 | 86 | 80 | 90 | 84 | 78 | 71 |
| 2.50 | 99 | 92 | 86 | 97 | 90 | 85 | 93 | 88 | 83 | 75 |
| 3.00 | 103 | 96 | 91 | 101 | 95 | 90 | 97 | 92 | 87 | 79 |
| 4.00 | 107 | 101 | 97 | 104 | 99 | 95 | 100 | 96 | 93 | 84 |
| 5.00 | 109 | 104 | 101 | 107 | 103 | 99 | 102 | 99 | 96 | 87 |
| ROOM INDEX | UF (total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHR NOM = 1.25 | | |

$H(\beta)$ Range:-90 - 90DEG
 $H(\beta)$ Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:CL
 Test Date:08 January 2020

$V(B)$ Range:-80 - 80DEG
 $V(B)$ Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
 Humidity:65.0%
 Test Distance:6.010m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|--|-------------|---------------------|
| Test:U:219.82V I:0.1884A P:39.896W PF:0.9653 Freq:49.99Hz Lamp Flux:4163.85x1 lm | | |
| NAME: Linear | TYPE:Linear | WEIGHT: |
| SPEC.:40W | DIM.: | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |



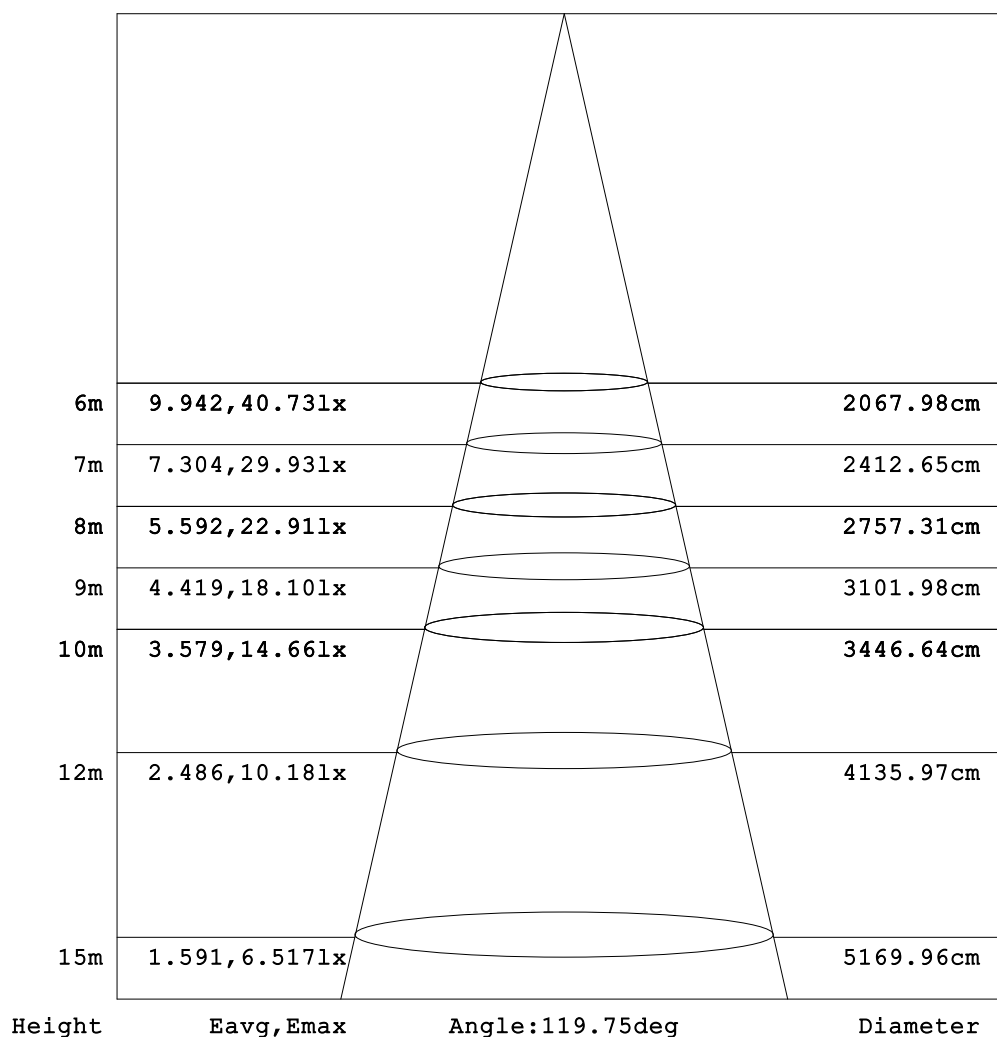
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:08 January 2020

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:6.010m [K=1.0000]
Remarks:

AAI Figure

| | | |
|--|-------------|---------------------|
| Test:U:219.82V I:0.1884A P:39.896W PF:0.9653 Freq:49.99Hz Lamp Flux:4163.85x1 lm | | |
| NAME: Linear | TYPE:Linear | WEIGHT: |
| SPEC.:40W | DIM.: | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |

Flux out:3373 lm



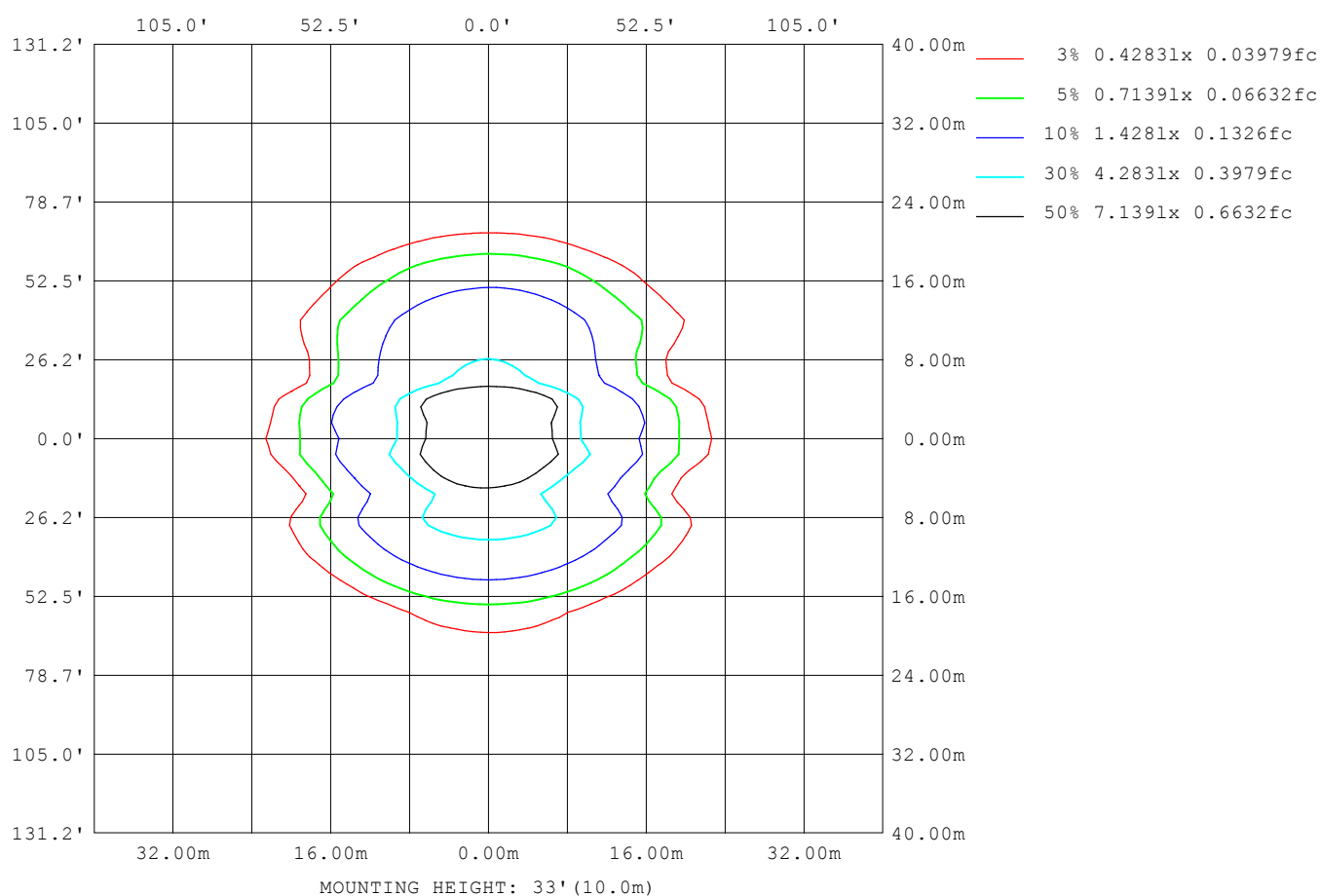
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:08 January 2020

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:6.010m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

| | | |
|--|-------------|---------------------|
| Test:U:219.82V I:0.1884A P:39.896W PF:0.9653 Freq:49.99Hz Lamp Flux:4163.85x1 lm | | |
| NAME: Linear | TYPE:Linear | WEIGHT: |
| SPEC.:40W | DIM.: | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:08 January 2020

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:6.010m [K=1.0000]
Remarks:

LED Avg.L Report

| | | |
|--|-------------|---------------------|
| Test:U:219.82V I:0.1884A P:39.896W PF:0.9653 Freq:49.99Hz Lamp Flux:4163.85x1 lm | | |
| NAME: Linear | TYPE:Linear | WEIGHT: |
| SPEC.:40W | DIM.: | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |

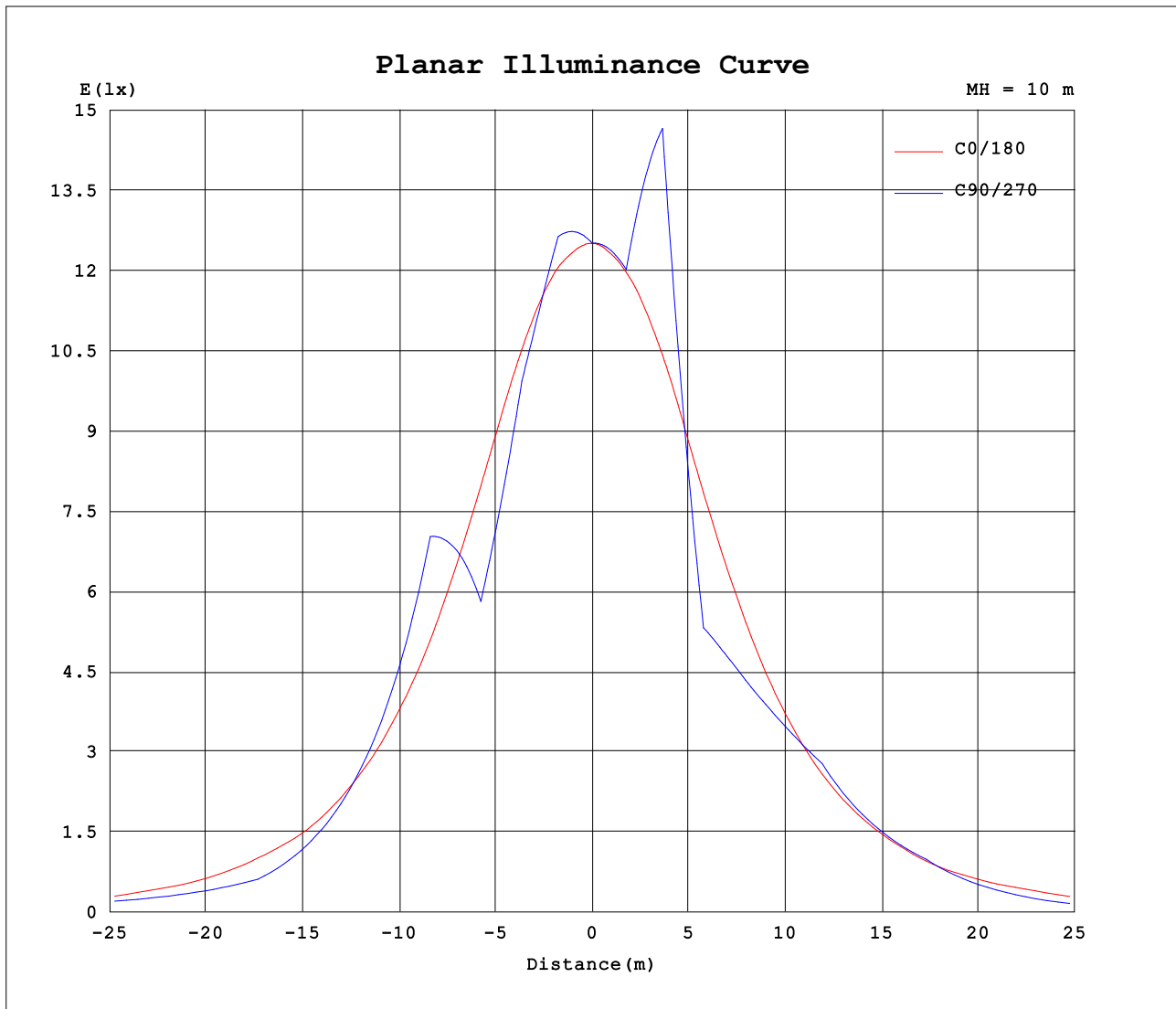
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 15772 |
| L_0~180 (75) av | 12208 |
| L_0~180 (85) av | 1250 |
| L_90~270 (65) av | 10998 |
| L_90~270 (75) av | 6312 |
| L_90~270 (85) av | 0 |
| L_45 (65) av | 13381 |
| L_45 (75) av | 9365 |
| L_45 (85) av | 1609 |

Standard: GB/T 29293-2012

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:08 January 2020

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:6.010m [K=1.0000]
Remarks:

Planar Illuminance Curve



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:08 January 2020

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:6.010m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|-------------|---------------------|
| Test:U:219.82V I:0.1884A P:39.896W PF:0.9653 Freq:49.99Hz Lamp Flux:4163.85x1 lm | | |
| NAME: Linear | TYPE:Linear | WEIGHT: |
| SPEC.:40W | DIM.: | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |

Table--1

UNIT: cd

[illegible]

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:08 January 2020

```
V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:6.010m [K=1.0000]
Remarks:
```

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|-------------|---------------------|
| Test:U:219.82V I:0.1884A P:39.896W PF:0.9653 Freq:49.99Hz Lamp Flux:4163.85x1 lm | | |
| NAME: Linear | TYPE:Linear | WEIGHT: |
| SPEC.:40W | DIM.: | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |

Table--2

UNIT: cd

[illegible]

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:08 January 2020

```
V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:6.010m [K=1.0000]
Remarks:
```

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|-------------|---------------------|
| Test:U:219.82V I:0.1884A P:39.896W PF:0.9653 Freq:49.99Hz Lamp Flux:4163.85x1 lm | | |
| NAME: Linear | TYPE:Linear | WEIGHT: |
| SPEC.:40W | DIM.: | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |

Table--3

UNIT: cd

[illegible]

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:08 January 2020

```
V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:6.010m [K=1.0000]
Remarks:
```

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|-------------|---------------------|
| Test:U:219.82V I:0.1884A P:39.896W PF:0.9653 Freq:49.99Hz Lamp Flux:4163.85x1 lm | | |
| NAME: Linear | TYPE:Linear | WEIGHT: |
| SPEC.:40W | DIM.: | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |

Table--4

UNIT: cd

[illegible]

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:08 January 2020

```
V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.366
Humidity:65.0%
Test Distance:6.010m [K=1.0000]
Remarks:
```