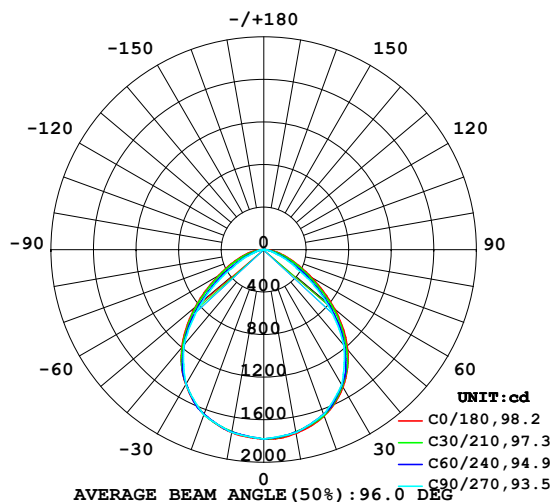


LUMINAIRE PHOTOMETRIC TEST REPORT

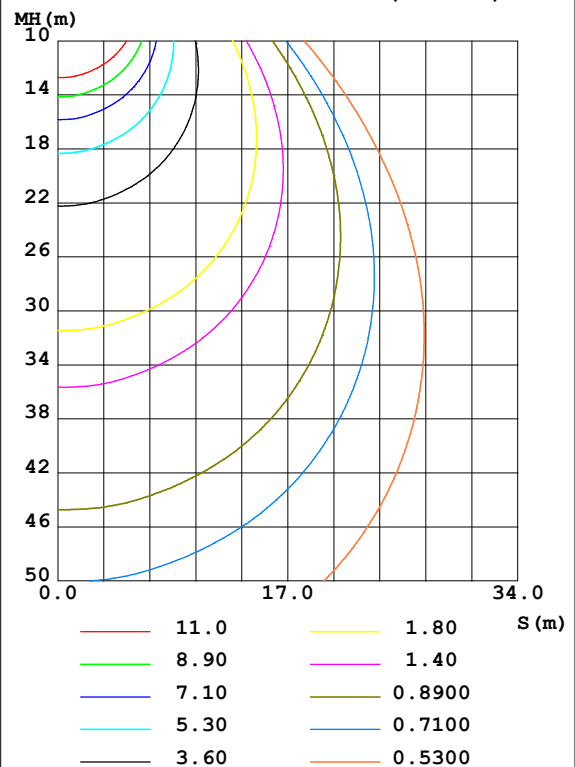
| | | |
|--|-----------------|---------------------|
| Test:U:480.12V I:0.0909A P:41.629W PF:0.9542 Freq:59.98Hz Lamp Flux:3987.53x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W/OSLON Square/5000K | DIM.: N/A | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 95.79 lm/W | | | |
|---------------------------------|---------|----------------------------------|--------|------------------------|----------|
| NJZ-FEDEL-40-V04-RZ-110-F(480V) | | Imax(cd) | 1781 | S/MH(C0/180) | 1.23 |
| NOMINAL POWER(W) | 40 | LOR(%) | 100.0 | S/MH(C90/270) | 1.22 |
| RATED VOLTAGE(V) | 480 | TOTAL FLUX(lm) | 3987.5 | η UP,DN(C0-180) | 0.0,50.1 |
| NOMINAL FLUX(lm) | 3987.53 | CIE CLASS | DIRECT | η UP,DN(C180-360) | 0.0,49.9 |
| LAMPS INSIDE | 1 | η up(%) | 0.0 | CIBSE SHR NOM | 1.25 |
| TEST VOLTAGE(V) | 480 | η down(%) | 100.0 | CIBSE SHR MAX | 1.35 |

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:17 May 2019

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 | 1753 | 1739 | 1746 | 1740 | 1745 | 1738 | 1745 | 1748 | 0- 10 | 167.8 | 167.8 | 4.21,4.21 |
| 20 | 1663 | 1645 | 1650 | 1636 | 1646 | 1641 | 1652 | 1651 | 10- 20 | 480.5 | 648.3 | 16.3,16.3 |
| 30 | 1492 | 1476 | 1467 | 1462 | 1467 | 1459 | 1464 | 1481 | 20- 30 | 722.4 | 1371 | 34.4,34.4 |
| 40 | 1228 | 1201 | 1172 | 1182 | 1199 | 1182 | 1168 | 1206 | 30- 40 | 836.3 | 2207 | 55.3,55.3 |
| 50 | 872.2 | 820.8 | 764.8 | 809.4 | 843.2 | 804.4 | 745.7 | 827.5 | 40- 50 | 773.0 | 2980 | 74.7,74.7 |
| 60 | 512.9 | 453.9 | 367.0 | 449.1 | 495.6 | 441.3 | 338.3 | 455.6 | 50- 60 | 552.6 | 3533 | 88.6,88.6 |
| 70 | 262.4 | 202.1 | 136.0 | 204.5 | 257.3 | 191.3 | 116.6 | 195.0 | 60- 70 | 306.3 | 3839 | 96.3,96.3 |
| 80 | 101.7 | 52.04 | 28.69 | 54.89 | 103.1 | 45.75 | 23.45 | 45.70 | 70- 80 | 128.6 | 3967 | 99.5,99.5 |
| 90 | 2.489 | 0 | 0 | 0 | 0.9915 | 0 | 0 | 0 | 80- 90 | 20.04 | 3988 | 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): 2613.4 lm

%lum = 65.5%

%lamp = 65.5%

Conical surface Flux(120deg): 3532.6 lm

%lum = 88.6%

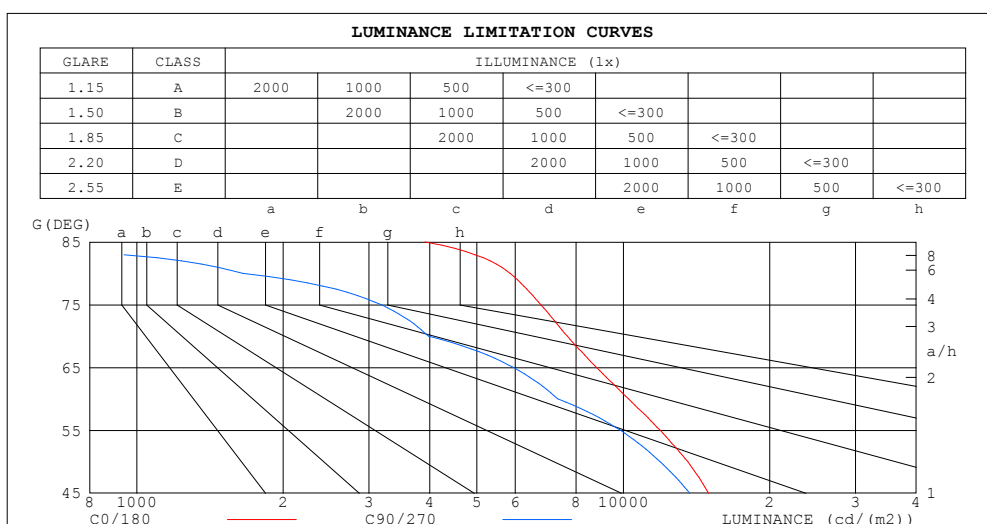
%lamp = 88.6%

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:17 May 2019

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:480.12V I:0.0909A P:41.629W PF:0.9542 Freq:59.98Hz Lamp Flux:3987.53x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W/OSLON Square/5000K | DIM.: N/A | 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 | 3910 | 0 |
| 80 | 5855 | 1652 |
| 75 | 6771 | 3182 |
| 70 | 7673 | 3977 |
| 65 | 8814 | 5951 |
| 60 | 10259 | 7340 |
| 55 | 11911 | 9866 |
| 50 | 13569 | 11898 |
| 45 | 14979 | 13695 |

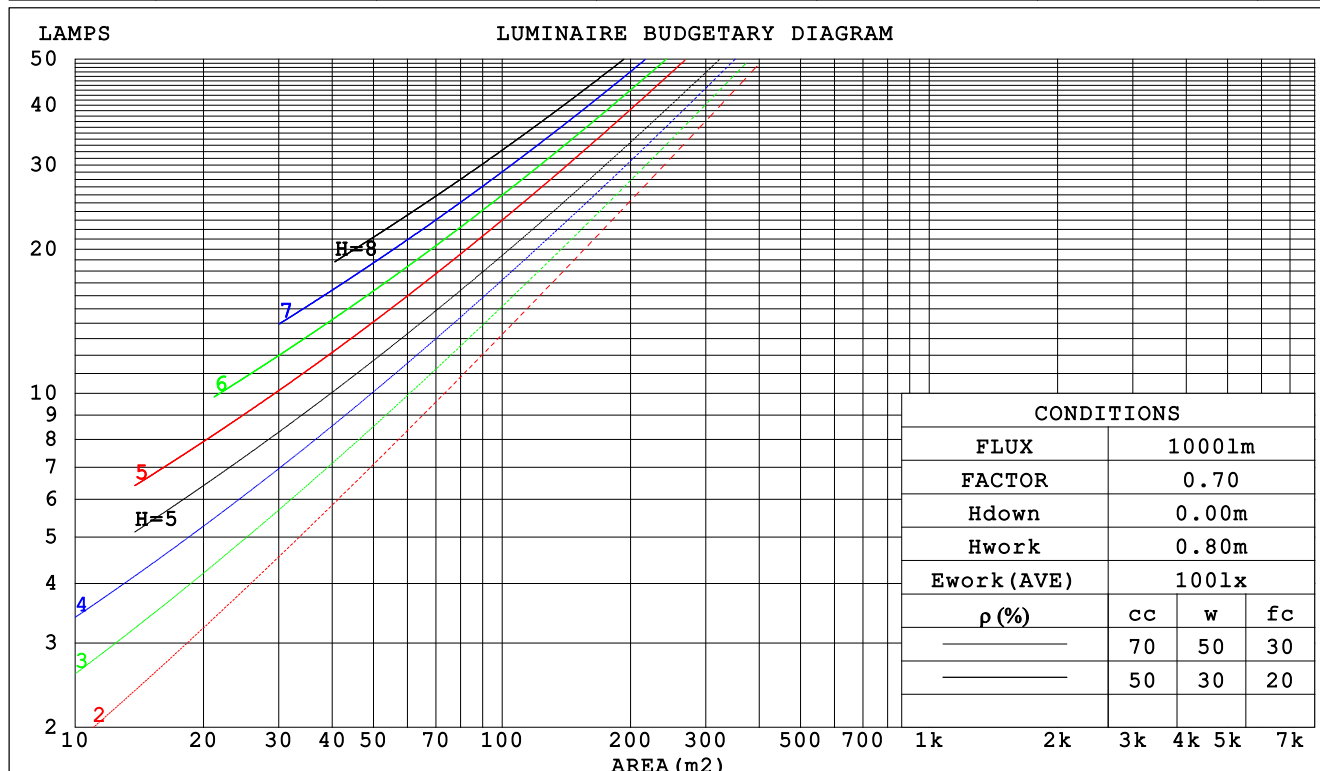
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:17 May 2019

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:480.12V I:0.0909A P:41.629W PF:0.9542 Freq:59.98Hz Lamp Flux:3987.53x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W/OSLON Square/5000K | DIM.: N/A | 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 | | | | | | 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 | .00 | 1.04 | 1.01 | .98 | 1.00 | .97 | .95 | .96 | .94 | .92 | .93 | .91 | .89 | .87 |
| 2.0 | .95 | .89 | .84 | .93 | .87 | .83 | .89 | .85 | .81 | .86 | .82 | .79 | .83 | .80 | .77 | .75 |
| 3.0 | .84 | .77 | .71 | .83 | .76 | .71 | .80 | .74 | .70 | .77 | .72 | .68 | .75 | .71 | .67 | .65 |
| 4.0 | .76 | .68 | .62 | .74 | .67 | .61 | .72 | .66 | .60 | .70 | .64 | .60 | .68 | .63 | .59 | .57 |
| 5.0 | .68 | .60 | .54 | .67 | .59 | .54 | .65 | .58 | .53 | .63 | .57 | .53 | .61 | .56 | .52 | .50 |
| 6.0 | .62 | .54 | .48 | .61 | .53 | .47 | .59 | .52 | .47 | .58 | .51 | .47 | .56 | .51 | .46 | .44 |
| 7.0 | .56 | .48 | .43 | .56 | .48 | .42 | .54 | .47 | .42 | .53 | .46 | .42 | .51 | .46 | .42 | .40 |
| 8.0 | .52 | .44 | .38 | .51 | .43 | .38 | .50 | .43 | .38 | .49 | .42 | .38 | .47 | .42 | .37 | .36 |
| 9.0 | .48 | .40 | .35 | .47 | .40 | .35 | .46 | .39 | .34 | .45 | .39 | .34 | .44 | .38 | .34 | .32 |
| 10.0 | .44 | .37 | .32 | .44 | .36 | .31 | .43 | .36 | .31 | .42 | .36 | .31 | .41 | .35 | .31 | .29 |



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:17 May 2019

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:480.12V I:0.0909A P:41.629W PF:0.9542 Freq:59.98Hz Lamp Flux:3987.53x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W/OSLON Square/5000K | DIM.: N/A | 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 | .259 | .148 | .047 | .253 | .144 | .046 | .239 | .137 | .044 | .228 | .131 | .042 | .217 | .126 | .040 | | |
| 2.0 | .251 | .138 | .042 | .245 | .135 | .042 | .234 | .130 | .040 | .224 | .125 | .039 | .214 | .121 | .038 | | |
| 3.0 | .238 | .126 | .038 | .232 | .124 | .037 | .222 | .121 | .037 | .213 | .117 | .036 | .205 | .113 | .035 | | |
| 4.0 | .223 | .116 | .034 | .218 | .114 | .034 | .210 | .111 | .033 | .201 | .108 | .033 | .194 | .105 | .032 | | |
| 5.0 | .209 | .107 | .031 | .205 | .105 | .031 | .197 | .103 | .030 | .190 | .100 | .030 | .183 | .098 | .029 | | |
| 6.0 | .196 | .098 | .028 | .193 | .097 | .028 | .186 | .095 | .028 | .179 | .093 | .027 | .173 | .091 | .027 | | |
| 7.0 | .184 | .091 | .026 | .181 | .090 | .026 | .175 | .088 | .025 | .169 | .087 | .025 | .164 | .085 | .025 | | |
| 8.0 | .174 | .085 | .024 | .171 | .084 | .024 | .165 | .082 | .024 | .160 | .081 | .023 | .155 | .079 | .023 | | |
| 9.0 | .164 | .079 | .022 | .161 | .078 | .022 | .156 | .077 | .022 | .151 | .076 | .022 | .147 | .075 | .022 | | |
| 10.0 | .155 | .074 | .021 | .152 | .074 | .021 | .148 | .072 | .020 | .144 | .071 | .020 | .140 | .070 | .020 | | |

| 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 | .177 | .157 | .138 | .151 | .134 | .119 | .103 | .092 | .082 | .060 | .054 | .048 | .019 | .017 | .015 | |
| 2.0 | .167 | .132 | .103 | .143 | .114 | .089 | .098 | .079 | .062 | .056 | .046 | .036 | .018 | .015 | .012 | |
| 3.0 | .158 | .114 | .079 | .136 | .098 | .068 | .093 | .068 | .048 | .054 | .040 | .028 | .017 | .013 | .009 | |
| 4.0 | .150 | .100 | .062 | .129 | .087 | .054 | .089 | .060 | .038 | .051 | .035 | .023 | .017 | .012 | .007 | |
| 5.0 | .143 | .090 | .050 | .123 | .078 | .044 | .085 | .054 | .031 | .049 | .032 | .018 | .016 | .010 | .006 | |
| 6.0 | .136 | .081 | .042 | .117 | .070 | .036 | .081 | .049 | .026 | .047 | .029 | .015 | .015 | .009 | .005 | |
| 7.0 | .130 | .074 | .035 | .112 | .064 | .031 | .077 | .045 | .022 | .045 | .027 | .013 | .014 | .009 | .004 | |
| 8.0 | .124 | .068 | .030 | .107 | .059 | .026 | .074 | .042 | .019 | .043 | .025 | .011 | .014 | .008 | .004 | |
| 9.0 | .118 | .063 | .026 | .102 | .055 | .023 | .071 | .039 | .016 | .041 | .023 | .010 | .013 | .008 | .003 | |
| 10.0 | .113 | .059 | .023 | .097 | .051 | .020 | .068 | .036 | .014 | .039 | .021 | .009 | .013 | .007 | .003 | |

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:17 May 2019

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:480.12V I:0.0909A P:41.629W PF:0.9542 Freq:59.98Hz Lamp Flux:3987.53x1 lm | | | | | | | | | | |
| NAME: LED Explosion-proof Flood Light | | | | | TYPE:Floodlight | | | WEIGHT:N/A | | |
| SPEC.:40W/OSLON Square/5000K | | | | | DIM.: N/A | | | 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 | 16.4 | 17.8 | 16.6 | 18.0 | 18.1 | 15.5 | 16.9 | 15.8 | 17.1 | 17.3 |
| 3H | 17.2 | 18.5 | 17.5 | 18.7 | 19.0 | 15.9 | 17.1 | 16.2 | 17.4 | 17.6 |
| 4H | 17.6 | 18.8 | 17.9 | 19.0 | 19.3 | 15.9 | 17.1 | 16.2 | 17.4 | 17.6 |
| 6H | 17.8 | 18.9 | 18.1 | 19.2 | 19.5 | 15.9 | 17.0 | 16.2 | 17.3 | 17.6 |
| 8H | 17.9 | 19.0 | 18.2 | 19.2 | 19.5 | 15.9 | 17.0 | 16.2 | 17.2 | 17.5 |
| 12H | 17.9 | 18.9 | 18.2 | 19.2 | 19.5 | 15.8 | 16.9 | 16.2 | 17.2 | 17.5 |
| 4H 2H | 16.6 | 17.8 | 16.9 | 18.1 | 18.3 | 15.9 | 17.1 | 16.2 | 17.3 | 17.5 |
| 3H | 17.6 | 18.7 | 18.0 | 19.0 | 19.3 | 16.4 | 17.4 | 16.7 | 17.7 | 18.0 |
| 4H | 18.1 | 19.0 | 18.5 | 19.3 | 19.7 | 16.5 | 17.4 | 16.9 | 17.7 | 18.1 |
| 6H | 18.4 | 19.3 | 18.8 | 19.6 | 20.0 | 16.5 | 17.3 | 16.9 | 17.7 | 18.0 |
| 8H | 18.5 | 19.3 | 18.9 | 19.7 | 20.1 | 16.5 | 17.2 | 16.9 | 17.6 | 18.0 |
| 12H | 18.6 | 19.3 | 19.0 | 19.7 | 20.1 | 16.4 | 17.1 | 16.9 | 17.5 | 17.9 |
| 8H 4H | 18.1 | 18.9 | 18.5 | 19.2 | 19.6 | 16.6 | 17.4 | 17.0 | 17.7 | 18.1 |
| 6H | 18.5 | 19.1 | 18.9 | 19.5 | 20.0 | 16.6 | 17.3 | 17.1 | 17.7 | 18.1 |
| 8H | 18.7 | 19.2 | 19.1 | 19.6 | 20.1 | 16.6 | 17.2 | 17.1 | 17.6 | 18.0 |
| 12H | 18.7 | 19.2 | 19.2 | 19.7 | 20.1 | 16.6 | 17.1 | 17.1 | 17.5 | 18.0 |
| 12H 4H | 18.1 | 18.8 | 18.5 | 19.1 | 19.5 | 16.6 | 17.3 | 17.0 | 17.7 | 18.1 |
| 6H | 18.5 | 19.0 | 18.9 | 19.5 | 19.9 | 16.6 | 17.2 | 17.1 | 17.6 | 18.1 |
| 8H | 18.6 | 19.1 | 19.1 | 19.6 | 20.0 | 16.6 | 17.1 | 17.1 | 17.5 | 18.0 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 0.4 / - 0.4 | | | | | + 0.5 / - 0.7 | | | | |
| 1.5H | + 0.2 / - 0.3 | | | | | + 0.3 / - 0.3 | | | | |
| 2.0H | + 0.7 / - 0.7 | | | | | + 1.1 / - 1.4 | | | | |

CIE Pub.117, 3988 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 4.8$)

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:17 May 2019

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:480.12V I:0.0909A P:41.629W PF:0.9542 Freq:59.98Hz Lamp Flux:3987.53x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W/OSLON Square/5000K | DIM.: N/A | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |

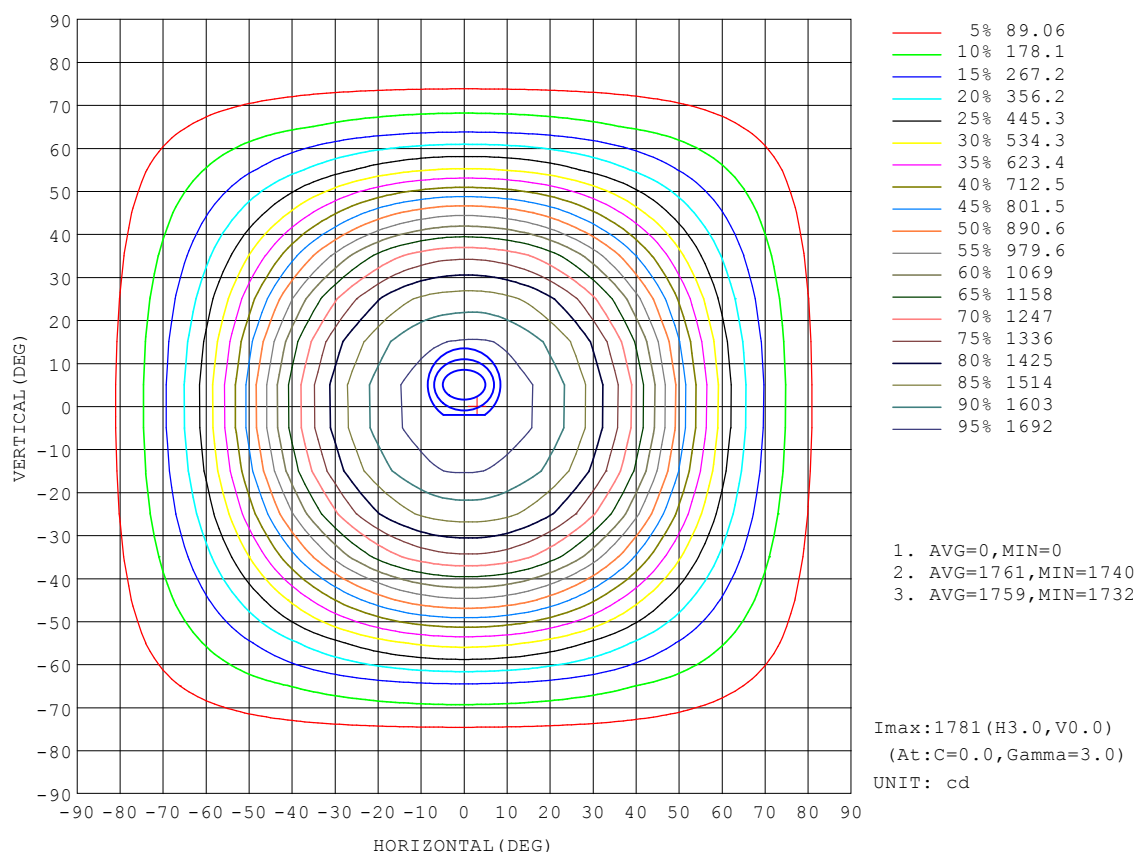
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|----------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 63 | 53 | 47 | 63 | 53 | 46 | 62 | 52 | 46 | 40 |
| 0.80 | 74 | 63 | 57 | 73 | 63 | 57 | 71 | 62 | 56 | 50 |
| 1.00 | 82 | 72 | 66 | 81 | 72 | 66 | 79 | 73 | 65 | 59 |
| 1.25 | 89 | 80 | 74 | 87 | 79 | 73 | 85 | 78 | 72 | 66 |
| 1.50 | 93 | 85 | 79 | 92 | 84 | 79 | 89 | 82 | 77 | 71 |
| 2.00 | 99 | 92 | 87 | 98 | 91 | 86 | 94 | 89 | 85 | 78 |
| 2.50 | 103 | 96 | 91 | 101 | 95 | 90 | 97 | 92 | 88 | 81 |
| 3.00 | 105 | 100 | 95 | 103 | 98 | 94 | 100 | 95 | 92 | 84 |
| 4.00 | 109 | 104 | 100 | 106 | 102 | 99 | 102 | 99 | 96 | 88 |
| 5.00 | 111 | 107 | 103 | 108 | 105 | 102 | 104 | 101 | 99 | 90 |
| 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:17 May 2019

$V(B)$ 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:480.12V I:0.0909A P:41.629W PF:0.9542 Freq:59.98Hz Lamp Flux:3987.53x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W/OSLON Square/5000K | DIM.: N/A | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |



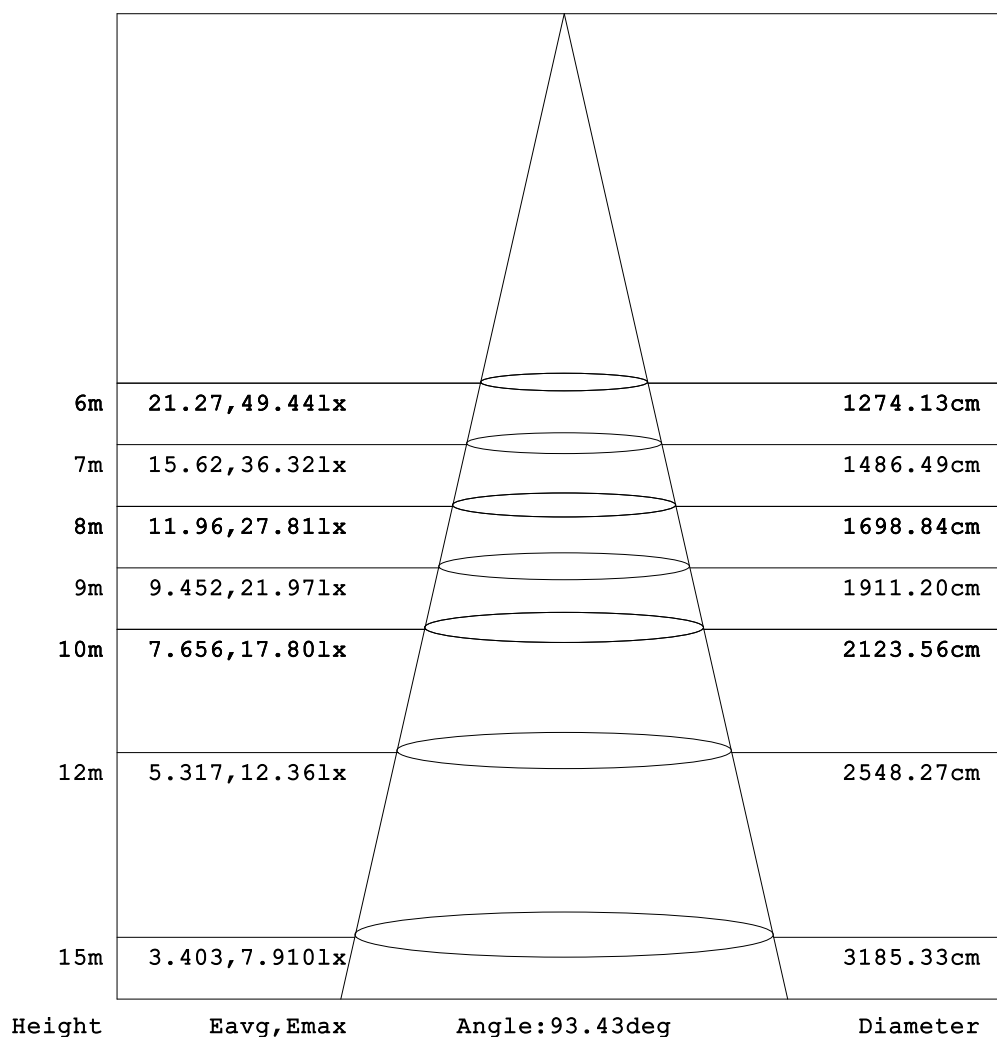
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:17 May 2019

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:480.12V I:0.0909A P:41.629W PF:0.9542 Freq:59.98Hz Lamp Flux:3987.53x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W/OSLON Square/5000K | DIM.: N/A | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |

Flux out:2766 lm



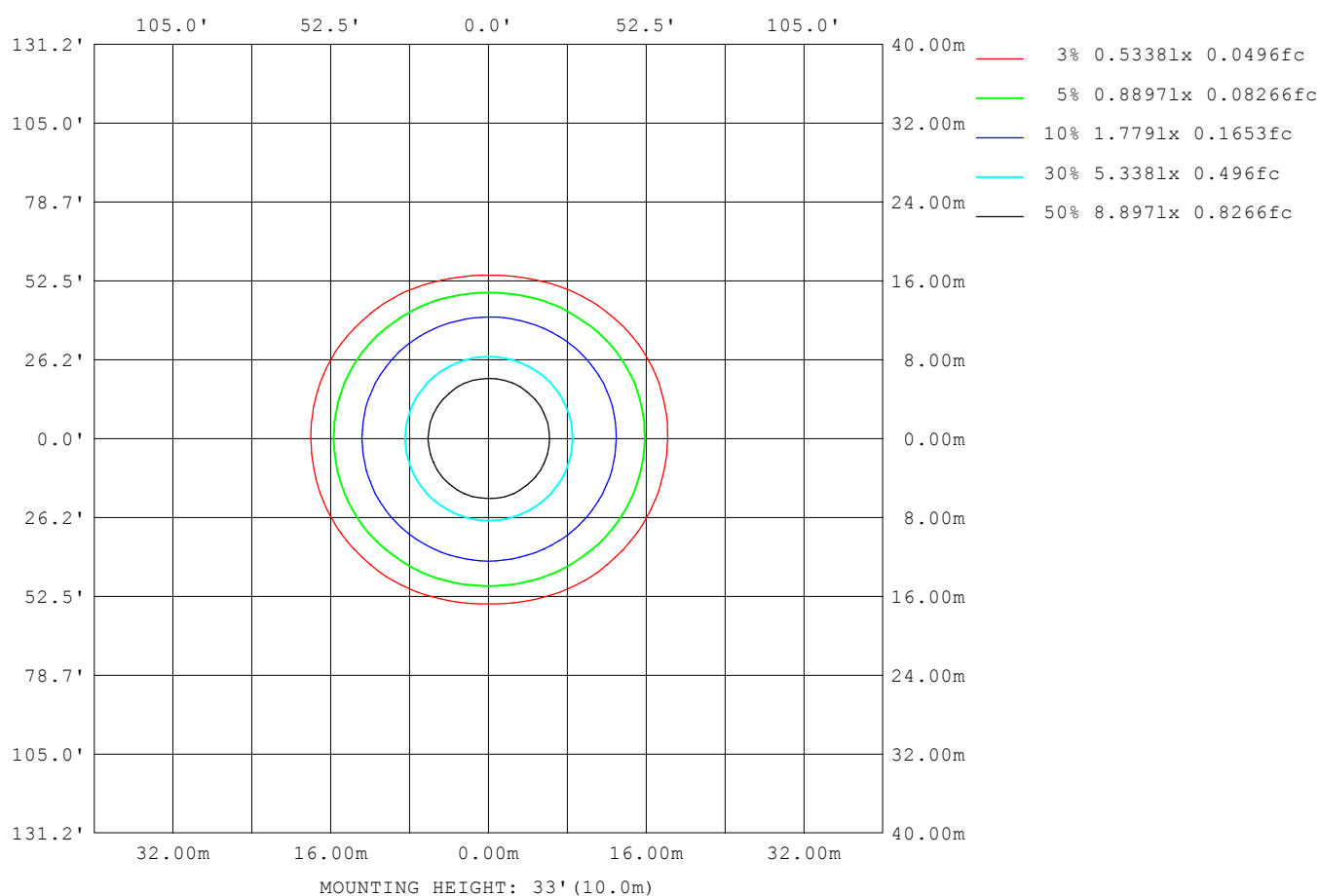
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:17 May 2019

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:480.12V I:0.0909A P:41.629W PF:0.9542 Freq:59.98Hz Lamp Flux:3987.53x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W/OSLON Square/5000K | DIM.: N/A | 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:17 May 2019

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:480.12V I:0.0909A P:41.629W PF:0.9542 Freq:59.98Hz Lamp Flux:3987.53x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W/OSLON Square/5000K | DIM.: N/A | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |

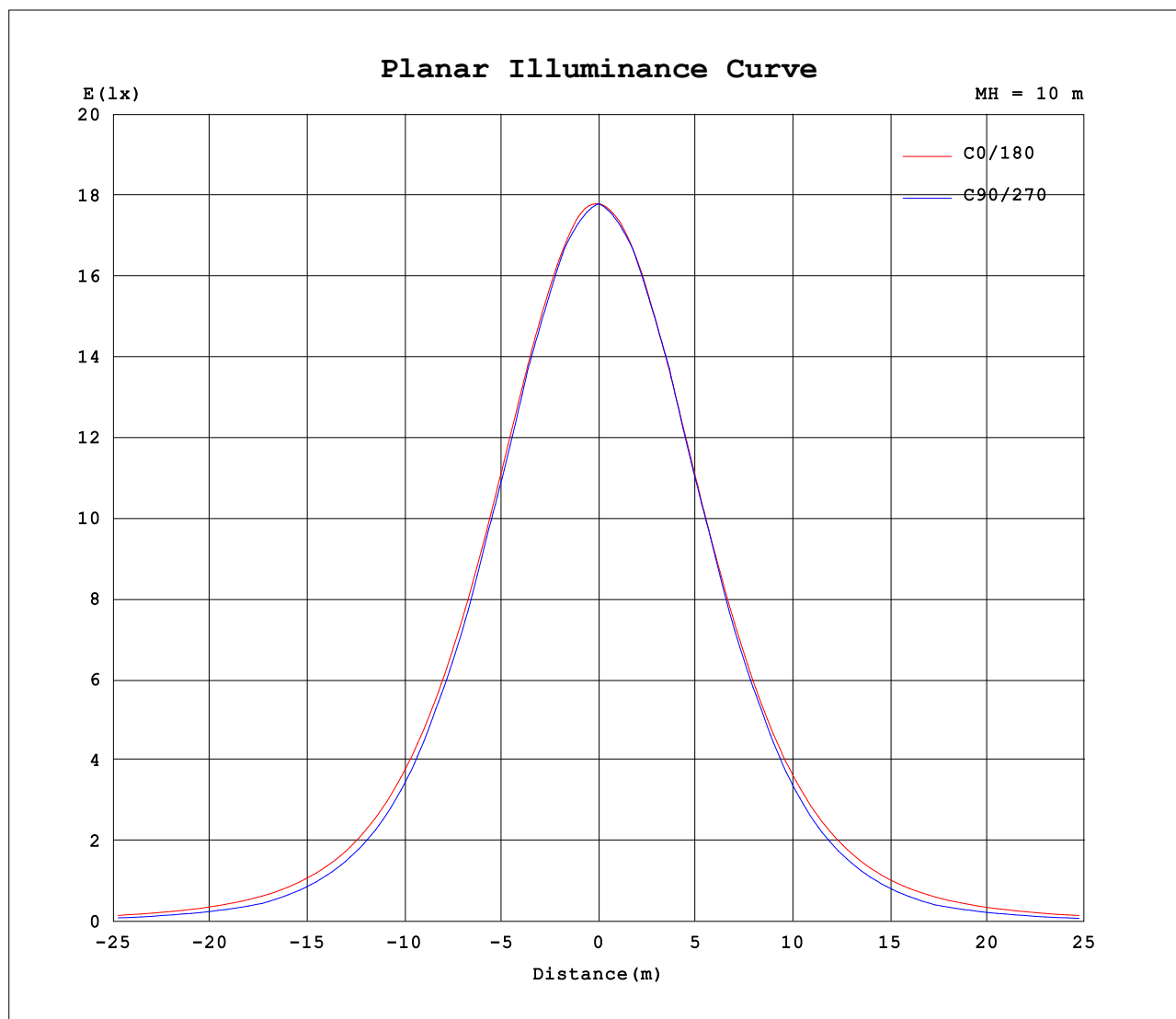
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 8698 |
| L_0~180 (75) av | 6747 |
| L_0~180 (85) av | 4202 |
| L_90~270 (65) av | 5666 |
| L_90~270 (75) av | 2943 |
| L_90~270 (85) av | 0 |
| L_45 (65) av | 7363 |
| L_45 (75) av | 4161 |
| L_45 (85) av | 854 |

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:17 May 2019

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:17 May 2019

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:480.12V I:0.0909A P:41.629W PF:0.9542 Freq:59.98Hz Lamp Flux:3987.53x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W/OSLON Square/5000K | DIM.: N/A | 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:17 May 2019

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:480.12V I:0.0909A P:41.629W PF:0.9542 Freq:59.98Hz Lamp Flux:3987.53x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W/OSLON Square/5000K | DIM.: N/A | 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:17 May 2019

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:480.12V I:0.0909A P:41.629W PF:0.9542 Freq:59.98Hz Lamp Flux:3987.53x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W/OSLON Square/5000K | DIM.: N/A | 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:17 May 2019

```
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:480.12V I:0.0909A P:41.629W PF:0.9542 Freq:59.98Hz Lamp Flux:3987.53x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W/OSLON Square/5000K | DIM.: N/A | 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:17 May 2019

```
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:
```