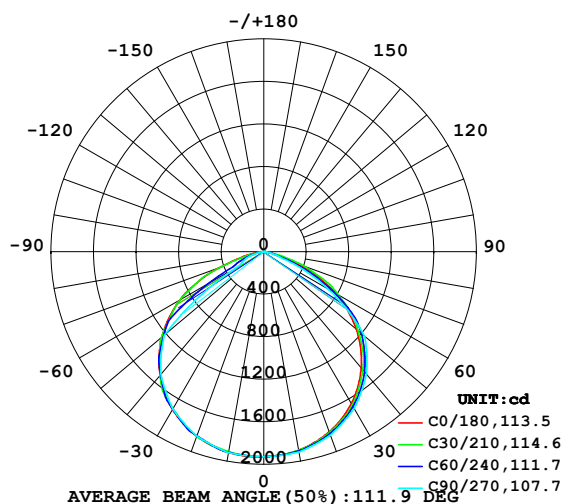


LUMINAIRE PHOTOMETRIC TEST REPORT

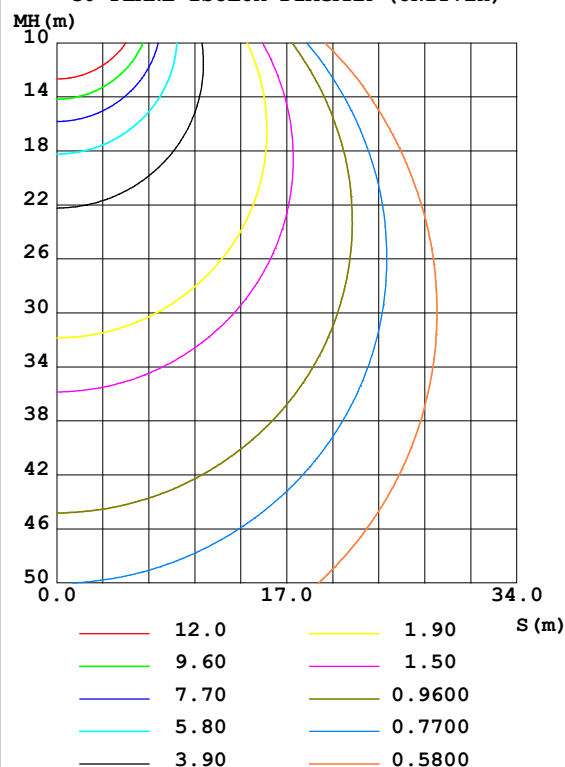
| | | |
|--|-----------------|---------------------|
| Test:U:479.99V I:0.0907A P:41.527W PF:0.9540 Freq:59.98Hz Lamp Flux:5160.15x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W/OSLON Square/4000K | DIM.: N/A | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 124.26 lm/W | | | |
|--|---------|-----------------------------------|--------|------------------------|----------|
| NJZ- FEDEL -40-V04-RL-110-T(480V) | | Imax(cd) | 1931 | S/MH(C0/180) | 1.32 |
| NOMINAL POWER(W) | 40 | LOR(%) | 100.0 | S/MH(C90/270) | 1.31 |
| RATED VOLTAGE(V) | 480 | TOTAL FLUX(lm) | 5160.2 | η UP,DN(C0-180) | 0.0,50.9 |
| NOMINAL FLUX(lm) | 5160.15 | CIE CLASS | DIRECT | η UP,DN(C180-360) | 0.0,49.1 |
| 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 | 1895 | 1897 | 1912 | 1908 | 1917 | 1912 | 1920 | 1901 | 0- 10 | 183.0 | 183.0 | 3.55,3.55 |
| 20 | 1802 | 1816 | 1836 | 1832 | 1845 | 1838 | 1844 | 1823 | 10- 20 | 529.5 | 712.5 | 13.8,13.8 |
| 30 | 1648 | 1671 | 1702 | 1708 | 1715 | 1716 | 1710 | 1679 | 20- 30 | 815.4 | 1528 | 29.6,29.6 |
| 40 | 1426 | 1457 | 1502 | 1518 | 1518 | 1525 | 1506 | 1464 | 30- 40 | 1000 | 2528 | 49,49 |
| 50 | 1136 | 1174 | 1239 | 1254 | 1252 | 1254 | 1221 | 1174 | 40- 50 | 1047 | 3574 | 69.3,69.3 |
| 60 | 778.4 | 820.6 | 690.7 | 909.0 | 911.5 | 876.0 | 264.0 | 800.1 | 50- 60 | 885.1 | 4460 | 86.4,86.4 |
| 70 | 314.2 | 345.2 | 181.4 | 442.6 | 447.1 | 268.2 | 162.4 | 203.6 | 60- 70 | 515.1 | 4975 | 96.4,96.4 |
| 80 | 52.62 | 45.76 | 12.71 | 54.22 | 107.7 | 45.61 | 7.142 | 40.24 | 70- 80 | 172.8 | 5147 | 99.8,99.8 |
| 90 | 1.416 | 0 | 0 | 0 | 0.9966 | 0 | 0 | 0 | 80- 90 | 12.71 | 5160 | 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): 3055.2 lm

%lum = 59.2%

%lamp = 59.2%

Conical surface Flux(120deg): 4459.5 lm

%lum = 86.4%

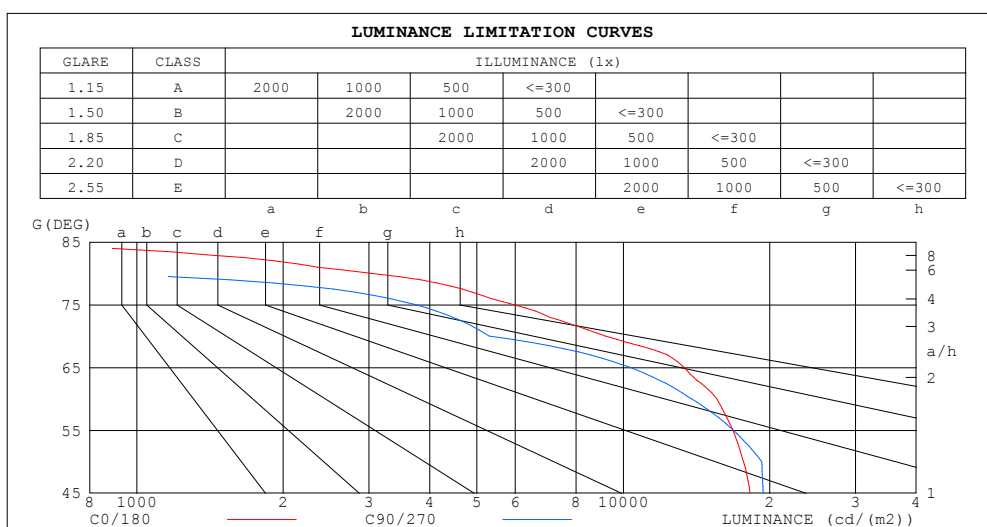
%lamp = 86.4%

$H(\beta)$ 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:

LUMINANCE LIMITATION CURVES

| | | |
|--|-----------------|---------------------|
| Test:U:479.99V I:0.0907A P:41.527W PF:0.9540 Freq:59.98Hz Lamp Flux:5160.15x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W/OSLON Square/4000K | 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 | 636 | 0 |
| 80 | 3030 | 732 |
| 75 | 5963 | 3751 |
| 70 | 9186 | 5304 |
| 65 | 13344 | 10346 |
| 60 | 15569 | 13815 |
| 55 | 16797 | 16851 |
| 50 | 17671 | 19269 |
| 45 | 18231 | 19396 |

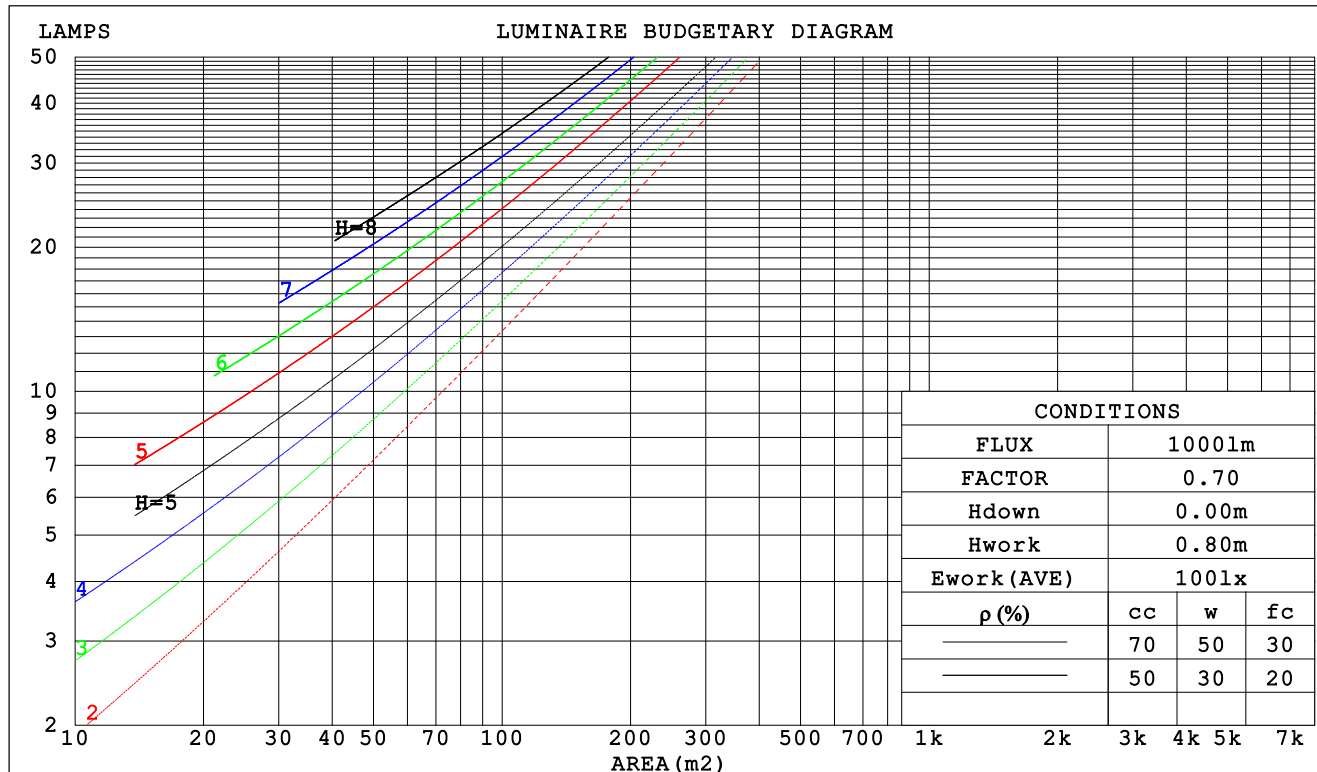
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:17 May 2019

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:479.99V I:0.0907A P:41.527W PF:0.9540 Freq:59.98Hz Lamp Flux:5160.15x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W/OSLON Square/4000K | 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 | 1.06 | 1.02 | .99 | 1.04 | 1.00 | .97 | .00 | .97 | .94 | .96 | .93 | .91 | .92 | .90 | .89 | .87 |
| 2.0 | .93 | .87 | .82 | .92 | .86 | .81 | .88 | .83 | .79 | .85 | .81 | .77 | .82 | .79 | .76 | .74 |
| 3.0 | .83 | .75 | .69 | .81 | .74 | .68 | .78 | .72 | .67 | .75 | .70 | .66 | .73 | .69 | .65 | .63 |
| 4.0 | .73 | .65 | .59 | .72 | .64 | .58 | .70 | .63 | .58 | .67 | .62 | .57 | .65 | .60 | .56 | .54 |
| 5.0 | .66 | .57 | .51 | .65 | .57 | .51 | .63 | .55 | .50 | .61 | .54 | .49 | .59 | .53 | .49 | .47 |
| 6.0 | .59 | .51 | .44 | .58 | .50 | .44 | .57 | .49 | .44 | .55 | .48 | .43 | .53 | .48 | .43 | .41 |
| 7.0 | .54 | .45 | .39 | .53 | .45 | .39 | .51 | .44 | .39 | .50 | .43 | .39 | .49 | .43 | .38 | .36 |
| 8.0 | .49 | .41 | .35 | .48 | .40 | .35 | .47 | .40 | .35 | .46 | .39 | .34 | .45 | .39 | .34 | .32 |
| 9.0 | .45 | .37 | .31 | .44 | .37 | .31 | .43 | .36 | .31 | .42 | .36 | .31 | .41 | .35 | .31 | .29 |
| 10.0 | .41 | .34 | .28 | .41 | .33 | .28 | .40 | .33 | .28 | .39 | .33 | .28 | .38 | .32 | .28 | .26 |



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:479.99V I:0.0907A P:41.527W PF:0.9540 Freq:59.98Hz Lamp Flux:5160.15x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W/OSLON Square/4000K | 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 | .270 | .153 | .049 | .263 | .150 | .048 | .250 | .143 | .046 | .238 | .137 | .044 | .226 | .131 | .042 | | |
| 2.0 | .263 | .144 | .044 | .257 | .142 | .044 | .246 | .137 | .042 | .235 | .132 | .041 | .225 | .128 | .040 | | |
| 3.0 | .249 | .133 | .040 | .244 | .131 | .039 | .234 | .127 | .039 | .225 | .123 | .038 | .216 | .120 | .037 | | |
| 4.0 | .234 | .122 | .036 | .229 | .120 | .035 | .220 | .117 | .035 | .212 | .114 | .034 | .204 | .111 | .034 | | |
| 5.0 | .219 | .112 | .032 | .215 | .110 | .032 | .207 | .108 | .032 | .199 | .105 | .031 | .192 | .103 | .031 | | |
| 6.0 | .205 | .103 | .029 | .201 | .102 | .029 | .194 | .099 | .029 | .187 | .097 | .029 | .181 | .095 | .028 | | |
| 7.0 | .192 | .095 | .027 | .189 | .094 | .027 | .182 | .092 | .027 | .176 | .090 | .026 | .171 | .089 | .026 | | |
| 8.0 | .180 | .088 | .025 | .177 | .087 | .025 | .171 | .086 | .024 | .166 | .084 | .024 | .161 | .083 | .024 | | |
| 9.0 | .170 | .082 | .023 | .167 | .081 | .023 | .162 | .080 | .023 | .157 | .079 | .023 | .152 | .077 | .022 | | |
| 10.0 | .160 | .077 | .021 | .158 | .076 | .021 | .153 | .075 | .021 | .149 | .074 | .021 | .144 | .073 | .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 | .178 | .156 | .138 | .152 | .134 | .118 | .104 | .092 | .082 | .060 | .053 | .048 | .019 | .017 | .015 | |
| 2.0 | .168 | .132 | .101 | .144 | .114 | .088 | .099 | .079 | .061 | .057 | .046 | .036 | .018 | .015 | .012 | |
| 3.0 | .161 | .114 | .077 | .138 | .098 | .067 | .094 | .068 | .047 | .055 | .040 | .028 | .018 | .013 | .009 | |
| 4.0 | .153 | .101 | .061 | .131 | .087 | .053 | .090 | .061 | .037 | .052 | .036 | .022 | .017 | .012 | .007 | |
| 5.0 | .146 | .090 | .049 | .125 | .078 | .043 | .086 | .054 | .030 | .050 | .032 | .018 | .016 | .010 | .006 | |
| 6.0 | .139 | .082 | .040 | .120 | .071 | .035 | .083 | .050 | .025 | .048 | .029 | .015 | .015 | .010 | .005 | |
| 7.0 | .133 | .075 | .034 | .114 | .065 | .030 | .079 | .045 | .021 | .046 | .027 | .013 | .015 | .009 | .004 | |
| 8.0 | .127 | .069 | .029 | .109 | .060 | .026 | .075 | .042 | .018 | .044 | .025 | .011 | .014 | .008 | .004 | |
| 9.0 | .121 | .064 | .026 | .104 | .056 | .022 | .072 | .039 | .016 | .042 | .023 | .010 | .014 | .008 | .003 | |
| 10.0 | .115 | .060 | .023 | .100 | .052 | .020 | .069 | .037 | .014 | .040 | .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: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:479.99V I:0.0907A P:41.527W PF:0.9540 Freq:59.98Hz Lamp Flux:5160.15x1 lm | | | | | | | | | | |
| NAME: LED Explosion-proof Flood Light | | | | | TYPE:Floodlight | | | WEIGHT:N/A | | |
| SPEC.:40W/OSLON Square/4000K | | | | | 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 | 17.2 | 18.6 | 17.4 | 18.8 | 19.0 | 16.8 | 18.3 | 17.1 | 18.5 | 18.7 |
| 3H | 18.2 | 19.5 | 18.5 | 19.7 | 20.0 | 17.2 | 18.6 | 17.5 | 18.8 | 19.0 |
| 4H | 18.3 | 19.6 | 18.6 | 19.8 | 20.1 | 17.2 | 18.5 | 17.5 | 18.7 | 19.0 |
| 6H | 18.3 | 19.5 | 18.7 | 19.8 | 20.1 | 17.1 | 18.3 | 17.5 | 18.6 | 18.9 |
| 8H | 18.3 | 19.5 | 18.6 | 19.7 | 20.0 | 17.1 | 18.2 | 17.4 | 18.5 | 18.8 |
| 12H | 18.3 | 19.4 | 18.6 | 19.6 | 19.9 | 17.0 | 18.1 | 17.4 | 18.4 | 18.7 |
| 4H 2H | 17.6 | 18.9 | 17.9 | 19.1 | 19.4 | 17.3 | 18.6 | 17.6 | 18.8 | 19.1 |
| 3H | 18.8 | 19.9 | 19.1 | 20.2 | 20.5 | 17.8 | 18.9 | 18.2 | 19.2 | 19.5 |
| 4H | 19.1 | 20.0 | 19.4 | 20.4 | 20.7 | 17.8 | 18.8 | 18.2 | 19.1 | 19.5 |
| 6H | 19.1 | 20.0 | 19.5 | 20.3 | 20.7 | 17.8 | 18.7 | 18.2 | 19.0 | 19.4 |
| 8H | 19.1 | 19.9 | 19.5 | 20.3 | 20.6 | 17.7 | 18.5 | 18.1 | 18.9 | 19.3 |
| 12H | 19.1 | 19.8 | 19.5 | 20.2 | 20.6 | 17.7 | 18.4 | 18.1 | 18.8 | 19.2 |
| 8H 4H | 19.0 | 19.8 | 19.4 | 20.2 | 20.6 | 17.9 | 18.7 | 18.3 | 19.0 | 19.4 |
| 6H | 19.1 | 19.8 | 19.6 | 20.2 | 20.6 | 17.8 | 18.5 | 18.3 | 18.9 | 19.3 |
| 8H | 19.1 | 19.7 | 19.6 | 20.1 | 20.6 | 17.8 | 18.4 | 18.3 | 18.8 | 19.3 |
| 12H | 19.1 | 19.6 | 19.6 | 20.0 | 20.5 | 17.8 | 18.3 | 18.2 | 18.7 | 19.2 |
| 12H 4H | 19.0 | 19.7 | 19.4 | 20.1 | 20.5 | 17.8 | 18.6 | 18.3 | 19.0 | 19.4 |
| 6H | 19.1 | 19.7 | 19.5 | 20.1 | 20.5 | 17.8 | 18.4 | 18.3 | 18.8 | 19.3 |
| 8H | 19.1 | 19.6 | 19.5 | 20.0 | 20.5 | 17.8 | 18.3 | 18.3 | 18.7 | 19.2 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 0.4 / - 0.5 | | | | | + 0.3 / - 0.3 | | | | |
| 1.5H | + 0.4 / - 0.7 | | | | | + 0.5 / - 0.7 | | | | |
| 2.0H | + 0.3 / - 0.7 | | | | | + 0.9 / - 0.9 | | | | |

CIE Pub.117, 5160 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 5.7$)

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:479.99V I:0.0907A P:41.527W PF:0.9540 Freq:59.98Hz Lamp Flux:5160.15x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W/OSLON Square/4000K | DIM.: N/A | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |

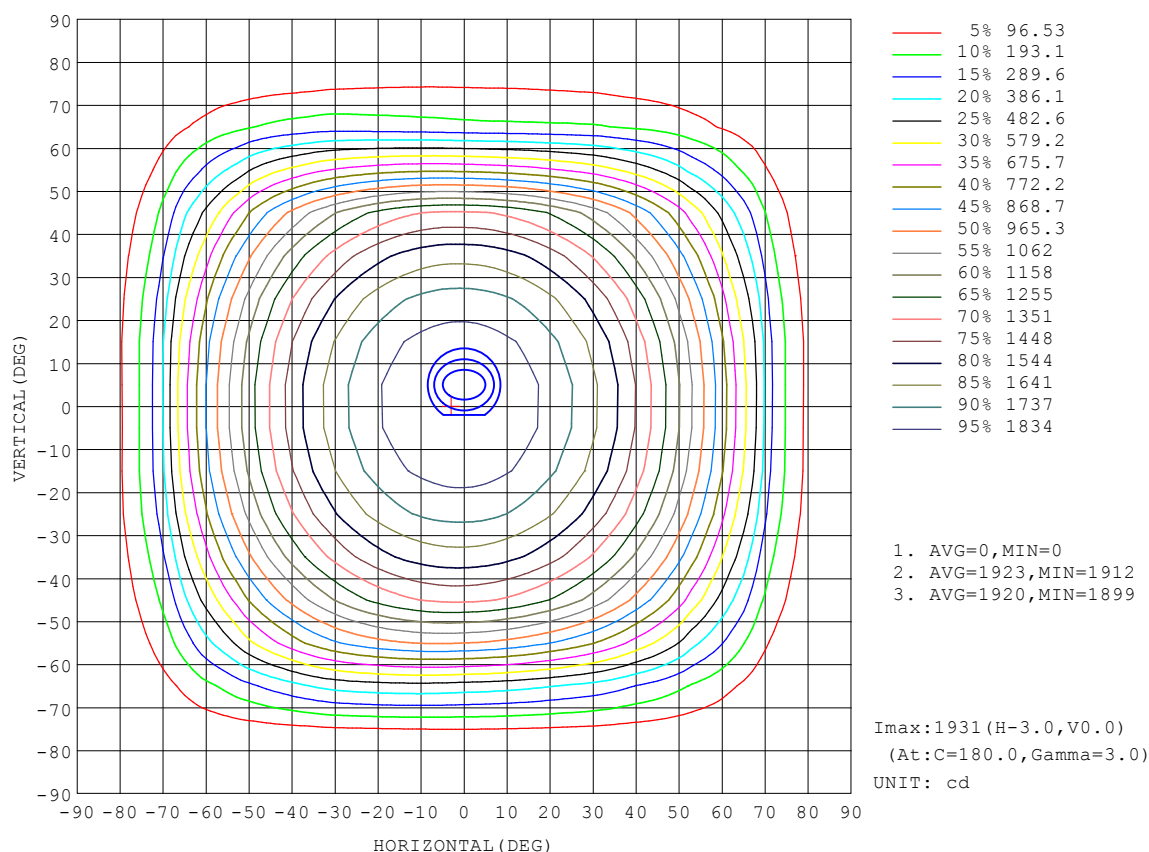
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 59 | 48 | 41 | 59 | 48 | 41 | 58 | 47 | 41 | 35 |
| 0.80 | 70 | 59 | 52 | 69 | 59 | 52 | 67 | 58 | 51 | 45 |
| 1.00 | 79 | 69 | 62 | 78 | 68 | 61 | 76 | 69 | 61 | 54 |
| 1.25 | 86 | 77 | 70 | 85 | 76 | 70 | 82 | 74 | 69 | 62 |
| 1.50 | 91 | 82 | 76 | 90 | 81 | 75 | 87 | 80 | 74 | 67 |
| 2.00 | 98 | 90 | 84 | 96 | 89 | 84 | 93 | 87 | 82 | 75 |
| 2.50 | 101 | 94 | 89 | 99 | 93 | 88 | 96 | 90 | 86 | 78 |
| 3.00 | 104 | 98 | 93 | 102 | 97 | 92 | 98 | 94 | 90 | 82 |
| 4.00 | 108 | 103 | 99 | 106 | 101 | 98 | 102 | 98 | 95 | 86 |
| 5.00 | 110 | 106 | 102 | 108 | 104 | 101 | 103 | 100 | 98 | 89 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHRNOM = 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:479.99V I:0.0907A P:41.527W PF:0.9540 Freq:59.98Hz Lamp Flux:5160.15x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W/OSLON Square/4000K | DIM.: N/A | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |



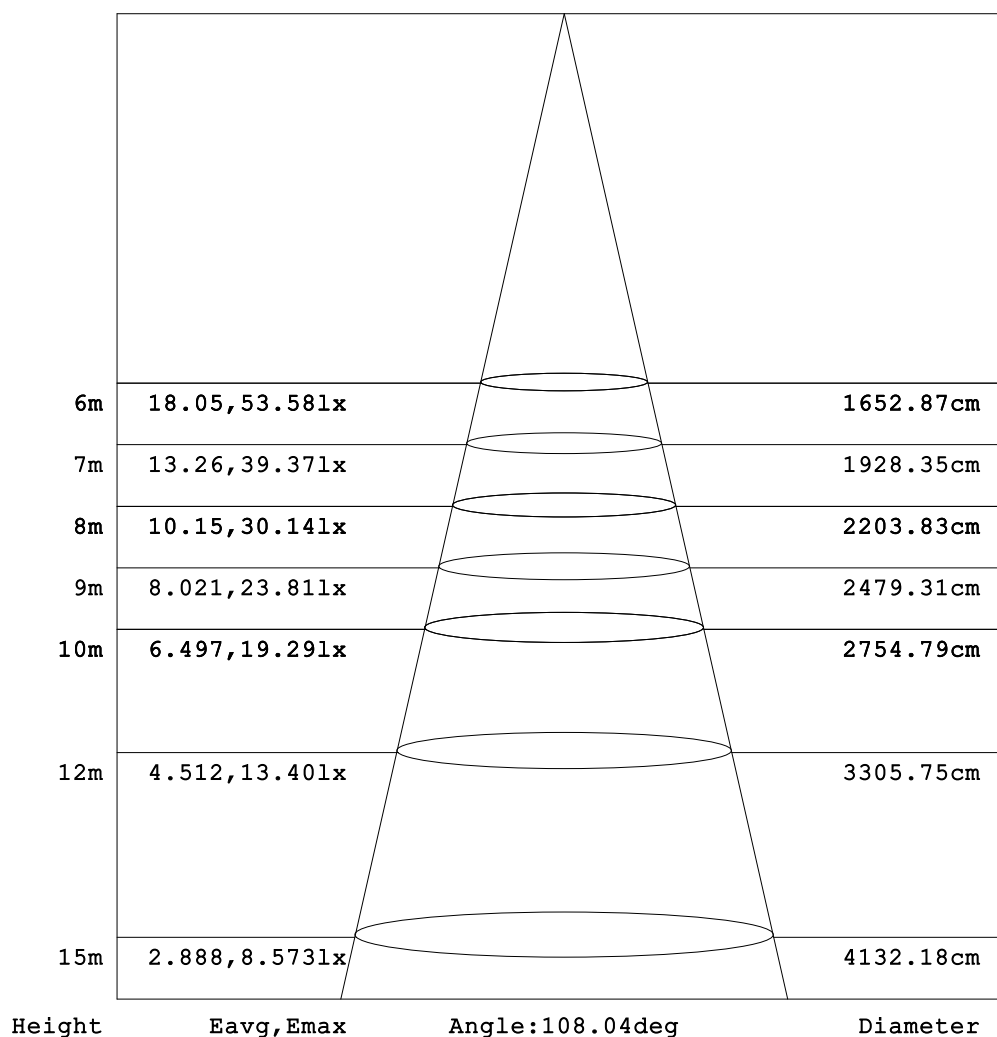
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:17 May 2019

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:479.99V I:0.0907A P:41.527W PF:0.9540 Freq:59.98Hz Lamp Flux:5160.15x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W/OSLON Square/4000K | DIM.: N/A | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |

Flux out:4012 lm



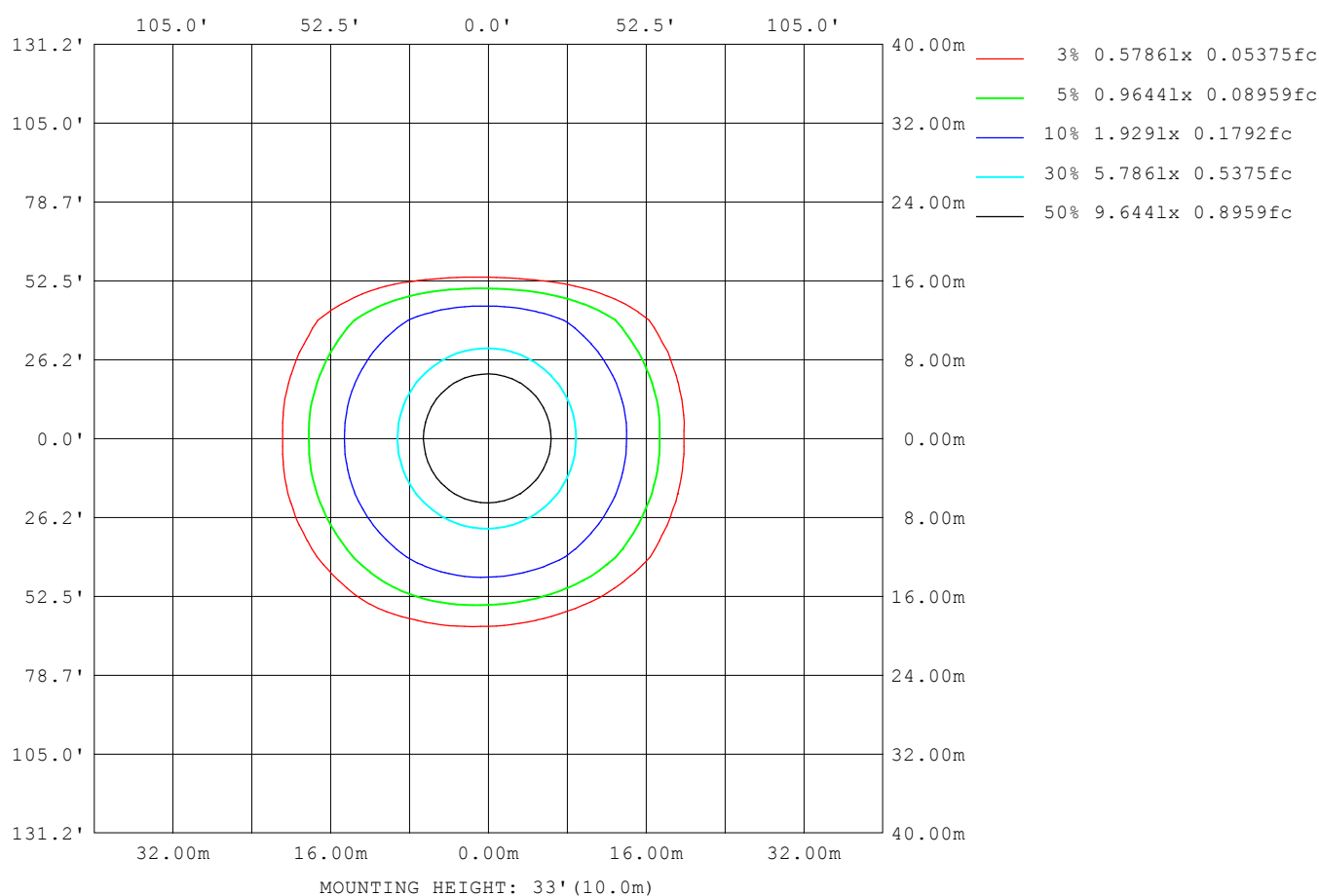
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:479.99V I:0.0907A P:41.527W PF:0.9540 Freq:59.98Hz Lamp Flux:5160.15x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W/OSLON Square/4000K | 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:479.99V I:0.0907A P:41.527W PF:0.9540 Freq:59.98Hz Lamp Flux:5160.15x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W/OSLON Square/4000K | DIM.: N/A | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |

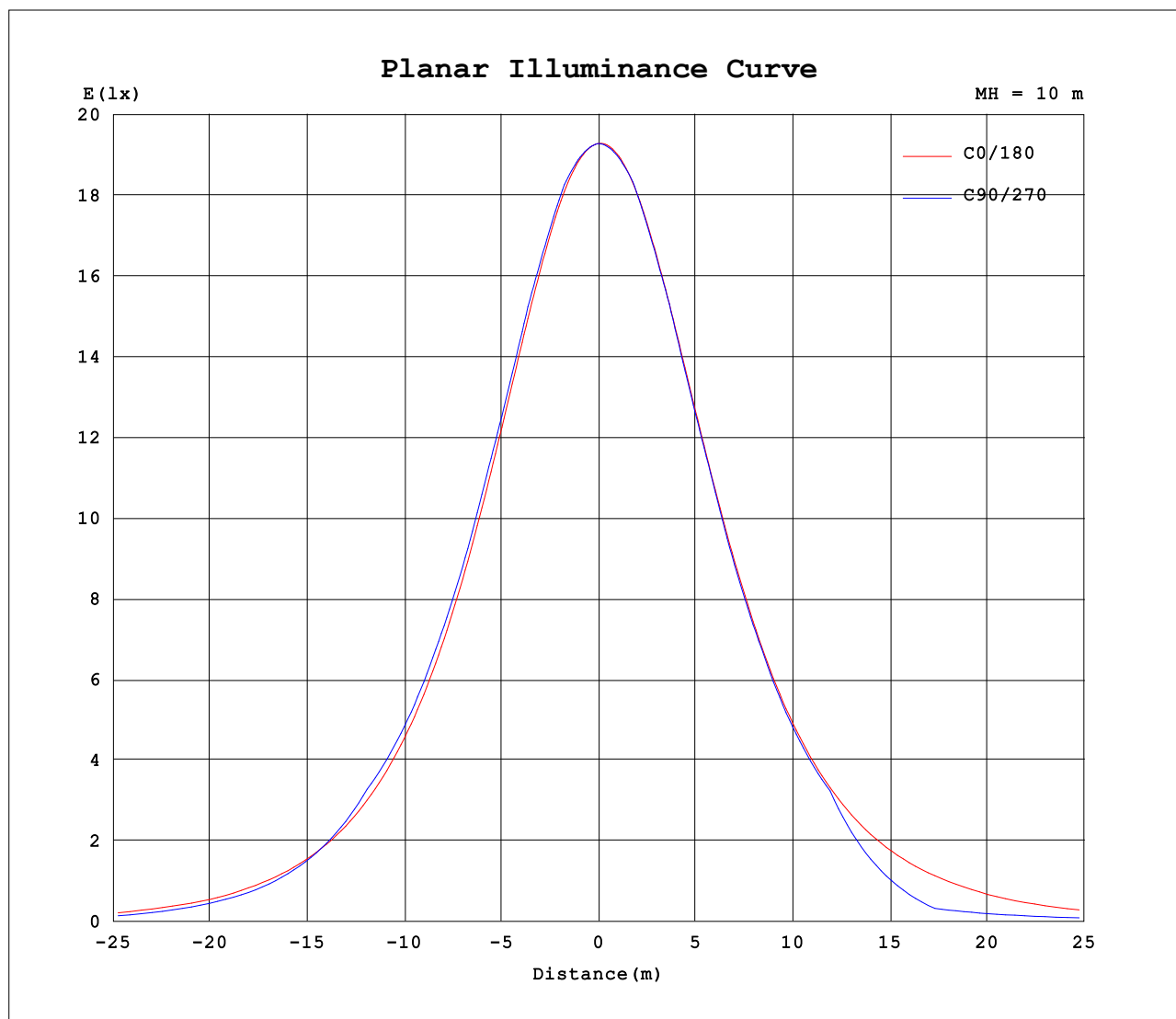
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 14854 |
| L_0~180 (75) av | 7490 |
| L_0~180 (85) av | 1140 |
| L_90~270 (65) av | 7704 |
| L_90~270 (75) av | 3517 |
| L_90~270 (85) av | 0 |
| L_45 (65) av | 13168 |
| L_45 (75) av | 5016 |
| L_45 (85) av | 300 |

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:479.99V I:0.0907A P:41.527W PF:0.9540 Freq:59.98Hz Lamp Flux:5160.15x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W/OSLON Square/4000K | 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:479.99V I:0.0907A P:41.527W PF:0.9540 Freq:59.98Hz Lamp Flux:5160.15x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W/OSLON Square/4000K | 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( $\beta$ ) 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:
```

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|-----------------|---------------------|
| Test:U:479.99V I:0.0907A P:41.527W PF:0.9540 Freq:59.98Hz Lamp Flux:5160.15x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W/OSLON Square/4000K | 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:479.99V I:0.0907A P:41.527W PF:0.9540 Freq:59.98Hz Lamp Flux:5160.15x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W/OSLON Square/4000K | 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: