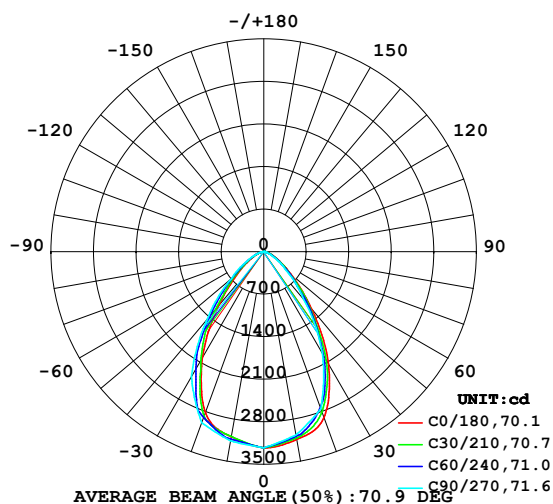


LUMINAIRE PHOTOMETRIC TEST REPORT

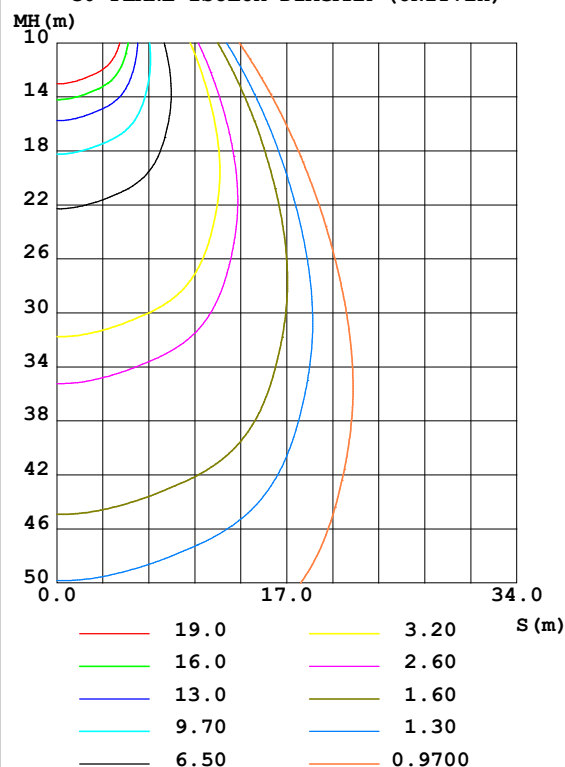
| | | |
|--|------------------|---------------------|
| Test:U:120.10V I:0.3194A P:37.924W PF:0.9885 Freq:59.98Hz Lamp Flux:4614.69x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W | DIM.: 130*1200mm | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 121.68 lm/W | | | |
|------------------|--------------------|-----------------------------------|--------|-------------------|----------|
| MODEL | FEL-I-40-4000K-60° | Imax(cd) | 3228 | S/MH(C0/180) | 1.02 |
| NOMINAL POWER(W) | 40 | LOR(%) | 100.0 | S/MH(C90/270) | 1.10 |
| RATED VOLTAGE(V) | 120 | TOTAL FLUX(lm) | 4614.7 | η UP,DN(C0-180) | 0.0,46.4 |
| NOMINAL FLUX(lm) | 4614.69 | CIE CLASS | DIRECT | η UP,DN(C180-360) | 0.0,53.6 |
| LAMPS INSIDE | 1 | η up(%) | 0.0 | CIBSE SHR NOM | 1.00 |
| TEST VOLTAGE(V) | 120 | 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:05 June 2018

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 | 3137 | 3098 | 3061 | 3049 | 3092 | 3108 | 3161 | 3156 | 0- 10 | 300.5 | 300.5 | 6.51,6.51 |
| 20 | 2904 | 2758 | 2751 | 2627 | 2814 | 2835 | 2992 | 2954 | 10- 20 | 843.8 | 1144 | 24.8,24.8 |
| 30 | 2130 | 1997 | 1928 | 1880 | 2022 | 2185 | 2382 | 2316 | 20- 30 | 1139 | 2283 | 49.5,49.5 |
| 40 | 1219 | 1106 | 1020 | 1050 | 1147 | 1332 | 1445 | 1417 | 30- 40 | 1027 | 3311 | 71.7,71.7 |
| 50 | 596.7 | 528.5 | 479.8 | 514.0 | 562.4 | 659.7 | 700.3 | 708.5 | 40- 50 | 678.3 | 3989 | 86.4,86.4 |
| 60 | 273.0 | 241.1 | 213.7 | 241.0 | 258.2 | 300.8 | 318.2 | 345.1 | 50- 60 | 376.9 | 4366 | 94.6,94.6 |
| 70 | 111.8 | 95.87 | 47.44 | 91.95 | 105.5 | 124.1 | 120.6 | 151.3 | 60- 70 | 182.2 | 4548 | 98.6,98.6 |
| 80 | 27.46 | 15.32 | 1.293 | 9.104 | 24.97 | 25.32 | 4.097 | 33.49 | 70- 80 | 61.79 | 4610 | 99.9,99.9 |
| 90 | 0.4071 | 0 | 0 | 0 | 0.3782 | 0 | 0 | 0 | 80- 90 | 4.832 | 4615 | 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): 3693.9 lm

%lum = 80.0%

%lamp = 80.0%

Conical surface Flux(120deg): 4365.9 lm

%lum = 94.6%

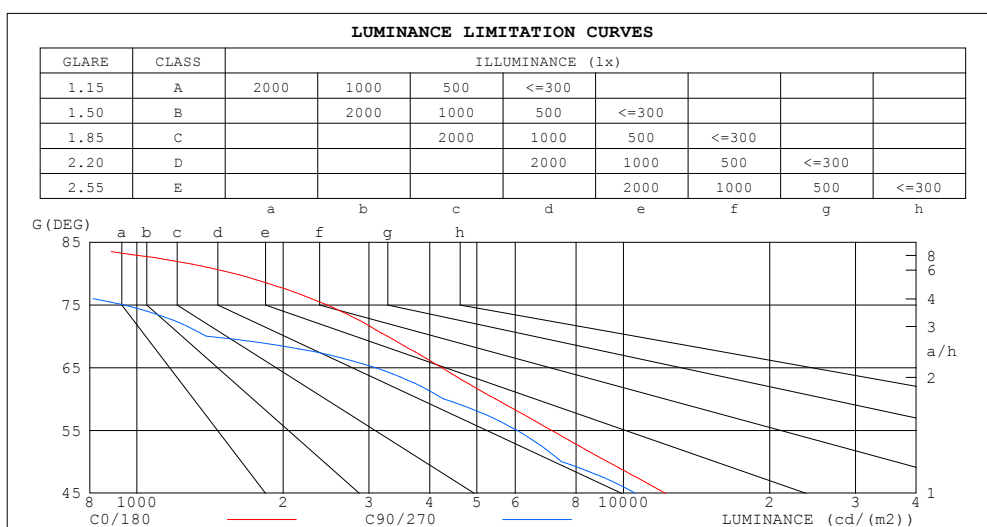
%lamp = 94.6%

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:05 June 2018

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:120.10V I:0.3194A P:37.924W PF:0.9885 Freq:59.98Hz Lamp Flux:4614.69x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W | DIM.: 130*1200mm | 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 | 578 | 0 |
| 80 | 1581 | 74 |
| 75 | 2458 | 938 |
| 70 | 3270 | 1387 |
| 65 | 4231 | 3087 |
| 60 | 5460 | 4273 |
| 55 | 7119 | 6041 |
| 50 | 9284 | 7464 |
| 45 | 12196 | 10591 |

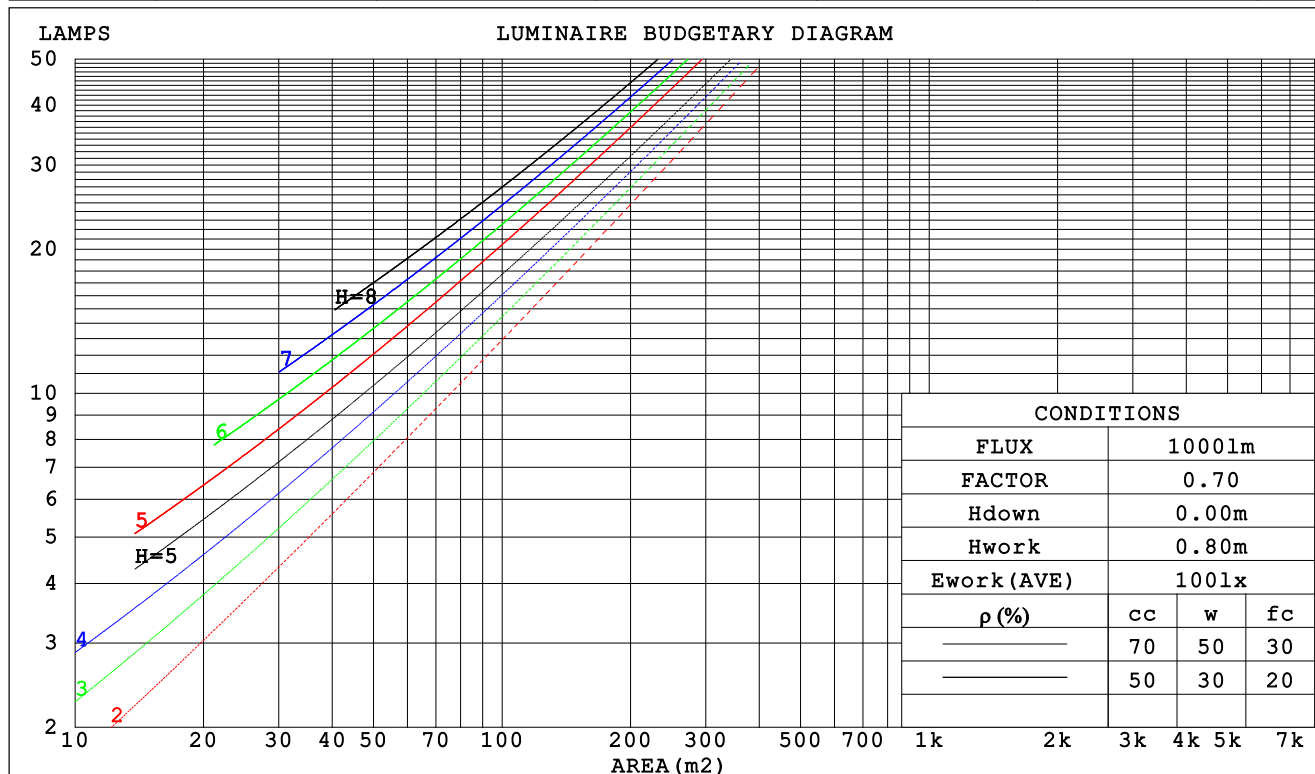
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:05 June 2018

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:120.10V I:0.3194A P:37.924W PF:0.9885 Freq:59.98Hz Lamp Flux:4614.69x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W | DIM.: 130*1200mm | 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 | 1.09 | 1.06 | 1.03 | 1.06 | 1.04 | 1.01 | 1.02 | 1.00 | .98 | .99 | .97 | .95 | .95 | .94 | .92 | .90 |
| 2.0 | .99 | .94 | .89 | .97 | .92 | .88 | .93 | .90 | .86 | .90 | .87 | .84 | .88 | .85 | .83 | .81 |
| 3.0 | .90 | .84 | .79 | .88 | .83 | .78 | .86 | .81 | .77 | .83 | .79 | .75 | .81 | .77 | .74 | .72 |
| 4.0 | .82 | .75 | .70 | .81 | .74 | .70 | .79 | .73 | .69 | .76 | .72 | .68 | .74 | .70 | .67 | .65 |
| 5.0 | .75 | .68 | .63 | .74 | .68 | .63 | .72 | .66 | .62 | .70 | .65 | .61 | .69 | .64 | .61 | .59 |
| 6.0 | .69 | .62 | .57 | .68 | .62 | .57 | .67 | .61 | .56 | .65 | .60 | .56 | .64 | .59 | .55 | .54 |
| 7.0 | .64 | .57 | .52 | .63 | .56 | .52 | .62 | .56 | .51 | .61 | .55 | .51 | .59 | .54 | .51 | .49 |
| 8.0 | .59 | .52 | .47 | .59 | .52 | .47 | .58 | .51 | .47 | .56 | .51 | .47 | .55 | .50 | .47 | .45 |
| 9.0 | .55 | .48 | .44 | .55 | .48 | .44 | .54 | .48 | .43 | .53 | .47 | .43 | .52 | .47 | .43 | .42 |
| 10.0 | .52 | .45 | .40 | .51 | .45 | .40 | .50 | .44 | .40 | .50 | .44 | .40 | .49 | .44 | .40 | .38 |



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:05 June 2018

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:120.10V I:0.3194A P:37.924W PF:0.9885 Freq:59.98Hz Lamp Flux:4614.69x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W | DIM.: 130*1200mm | 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 | .219 | .125 | .040 | .213 | .121 | .039 | .200 | .115 | .037 | .188 | .108 | .035 | .177 | .103 | .033 | | |
| 2.0 | .213 | .117 | .036 | .207 | .114 | .035 | .196 | .109 | .034 | .186 | .104 | .033 | .177 | .100 | .032 | | |
| 3.0 | .203 | .108 | .032 | .198 | .106 | .032 | .189 | .102 | .031 | .180 | .099 | .030 | .172 | .095 | .029 | | |
| 4.0 | .193 | .100 | .029 | .188 | .098 | .029 | .180 | .095 | .028 | .172 | .092 | .028 | .165 | .090 | .027 | | |
| 5.0 | .182 | .093 | .027 | .178 | .091 | .027 | .171 | .089 | .026 | .164 | .087 | .026 | .158 | .084 | .025 | | |
| 6.0 | .172 | .086 | .025 | .169 | .085 | .025 | .162 | .083 | .024 | .156 | .081 | .024 | .150 | .079 | .024 | | |
| 7.0 | .163 | .081 | .023 | .160 | .080 | .023 | .154 | .078 | .022 | .149 | .076 | .022 | .144 | .075 | .022 | | |
| 8.0 | .155 | .076 | .021 | .152 | .075 | .021 | .147 | .073 | .021 | .142 | .072 | .021 | .137 | .070 | .021 | | |
| 9.0 | .147 | .071 | .020 | .145 | .070 | .020 | .140 | .069 | .020 | .135 | .068 | .019 | .131 | .067 | .019 | | |
| 10.0 | .140 | .067 | .019 | .138 | .067 | .019 | .133 | .065 | .018 | .129 | .064 | .018 | .126 | .063 | .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 | .149 | .135 | .122 | .102 | .093 | .084 | .059 | .054 | .049 | .019 | .017 | .016 | |
| 2.0 | .162 | .132 | .108 | .139 | .114 | .093 | .095 | .079 | .065 | .055 | .046 | .038 | .018 | .015 | .012 | |
| 3.0 | .152 | .114 | .084 | .130 | .098 | .073 | .089 | .068 | .051 | .052 | .040 | .030 | .017 | .013 | .010 | |
| 4.0 | .143 | .100 | .067 | .123 | .086 | .058 | .084 | .060 | .041 | .049 | .035 | .024 | .016 | .011 | .008 | |
| 5.0 | .135 | .089 | .054 | .116 | .077 | .047 | .080 | .054 | .033 | .046 | .031 | .020 | .015 | .010 | .007 | |
| 6.0 | .128 | .080 | .045 | .110 | .069 | .039 | .076 | .048 | .028 | .044 | .028 | .017 | .014 | .009 | .005 | |
| 7.0 | .122 | .073 | .038 | .105 | .063 | .033 | .072 | .044 | .024 | .042 | .026 | .014 | .014 | .009 | .005 | |
| 8.0 | .116 | .067 | .033 | .100 | .058 | .028 | .069 | .041 | .020 | .040 | .024 | .012 | .013 | .008 | .004 | |
| 9.0 | .111 | .062 | .028 | .096 | .054 | .025 | .066 | .038 | .018 | .039 | .022 | .010 | .012 | .007 | .003 | |
| 10.0 | .106 | .057 | .025 | .091 | .050 | .022 | .063 | .035 | .015 | .037 | .021 | .009 | .012 | .007 | .003 | |

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:05 June 2018

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:120.10V I:0.3194A P:37.924W PF:0.9885 Freq:59.98Hz Lamp Flux:4614.69x1 lm | | | | | | | | | | |
| NAME: LED Explosion-proof Flood Light | | | | | TYPE:Floodlight | | | WEIGHT:N/A | | |
| SPEC.:40W | | | | | DIM.: 130*1200mm | | | 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 | 12.9 | 14.1 | 13.2 | 14.3 | 14.5 | 12.2 | 13.4 | 12.5 | 13.6 | 13.8 |
| 3H | 13.2 | 14.3 | 13.5 | 14.5 | 14.8 | 12.3 | 13.4 | 12.6 | 13.6 | 13.8 |
| 4H | 13.3 | 14.3 | 13.6 | 14.6 | 14.8 | 12.2 | 13.3 | 12.5 | 13.5 | 13.7 |
| 6H | 13.3 | 14.3 | 13.6 | 14.5 | 14.8 | 12.1 | 13.1 | 12.4 | 13.4 | 13.6 |
| 8H | 13.3 | 14.2 | 13.6 | 14.5 | 14.8 | 12.1 | 13.0 | 12.4 | 13.3 | 13.6 |
| 12H | 13.3 | 14.1 | 13.6 | 14.4 | 14.7 | 12.0 | 12.9 | 12.4 | 13.2 | 13.5 |
| 4H 2H | 13.0 | 14.0 | 13.3 | 14.2 | 14.5 | 12.3 | 13.3 | 12.6 | 13.6 | 13.8 |
| 3H | 13.4 | 14.3 | 13.7 | 14.5 | 14.8 | 12.5 | 13.4 | 12.8 | 13.6 | 13.9 |
| 4H | 13.5 | 14.3 | 13.9 | 14.6 | 14.9 | 12.4 | 13.2 | 12.8 | 13.5 | 13.9 |
| 6H | 13.6 | 14.3 | 13.9 | 14.6 | 15.0 | 12.3 | 13.1 | 12.7 | 13.4 | 13.7 |
| 8H | 13.5 | 14.2 | 13.9 | 14.6 | 14.9 | 12.3 | 13.0 | 12.7 | 13.3 | 13.7 |
| 12H | 13.5 | 14.1 | 13.9 | 14.5 | 14.9 | 12.2 | 12.8 | 12.7 | 13.2 | 13.6 |
| 8H 4H | 13.4 | 14.1 | 13.8 | 14.4 | 14.8 | 12.4 | 13.0 | 12.8 | 13.4 | 13.8 |
| 6H | 13.5 | 14.0 | 13.9 | 14.4 | 14.9 | 12.3 | 12.8 | 12.7 | 13.2 | 13.7 |
| 8H | 13.5 | 14.0 | 14.0 | 14.4 | 14.8 | 12.3 | 12.7 | 12.7 | 13.1 | 13.6 |
| 12H | 13.5 | 13.9 | 13.9 | 14.3 | 14.8 | 12.2 | 12.6 | 12.7 | 13.1 | 13.5 |
| 12H 4H | 13.4 | 14.0 | 13.8 | 14.4 | 14.8 | 12.3 | 12.9 | 12.8 | 13.3 | 13.7 |
| 6H | 13.5 | 13.9 | 13.9 | 14.4 | 14.8 | 12.3 | 12.7 | 12.7 | 13.2 | 13.6 |
| 8H | 13.5 | 13.9 | 13.9 | 14.3 | 14.8 | 12.2 | 12.6 | 12.7 | 13.1 | 13.5 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 1.0 / - 1.6 | | | | | + 1.2 / - 2.0 | | | | |
| 1.5H | + 1.3 / - 1.1 | | | | | + 1.4 / - 1.4 | | | | |
| 2.0H | + 2.3 / - 1.9 | | | | | + 2.4 / - 2.3 | | | | |

CIE Pub.117, 4615 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 5.3$)

$H(\beta)$ Range:-90 - 90DEG
 $H(\beta)$ Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:CL
 Test Date:05 June 2018

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:120.10V I:0.3194A P:37.924W PF:0.9885 Freq:59.98Hz Lamp Flux:4614.69x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W | DIM.: 130*1200mm | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |

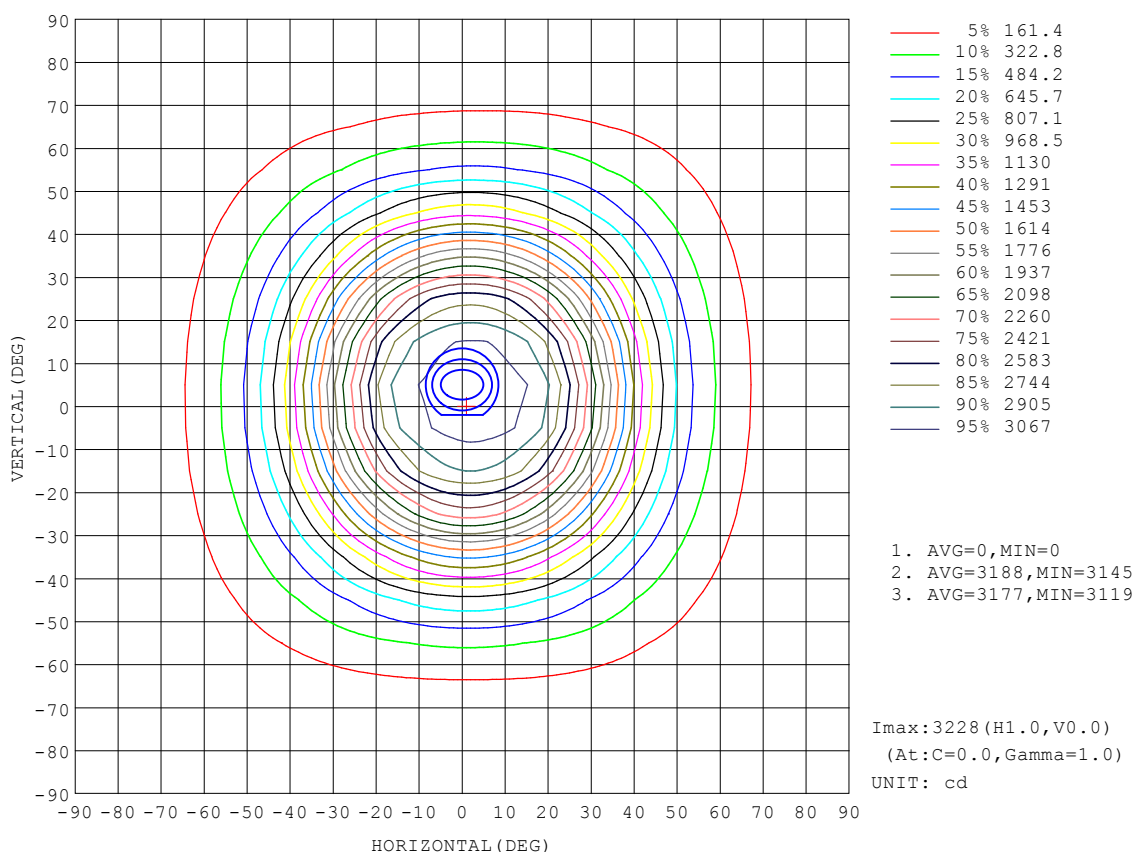
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 74 | 65 | 60 | 73 | 65 | 60 | 72 | 64 | 59 | 54 |
| 0.80 | 83 | 74 | 69 | 82 | 74 | 69 | 81 | 73 | 69 | 64 |
| 1.00 | 90 | 82 | 77 | 89 | 81 | 76 | 87 | 82 | 76 | 71 |
| 1.25 | 95 | 88 | 83 | 94 | 87 | 83 | 92 | 86 | 82 | 77 |
| 1.50 | 99 | 92 | 88 | 98 | 92 | 87 | 95 | 90 | 86 | 81 |
| 2.00 | 104 | 98 | 94 | 102 | 97 | 93 | 99 | 95 | 91 | 85 |
| 2.50 | 106 | 101 | 97 | 104 | 100 | 96 | 101 | 97 | 94 | 87 |
| 3.00 | 108 | 104 | 100 | 107 | 102 | 99 | 103 | 100 | 97 | 90 |
| 4.00 | 111 | 107 | 104 | 109 | 106 | 103 | 105 | 102 | 100 | 92 |
| 5.00 | 113 | 109 | 107 | 110 | 108 | 105 | 106 | 104 | 102 | 94 |
| 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:05 June 2018

$V(B)$ 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:120.10V I:0.3194A P:37.924W PF:0.9885 Freq:59.98Hz Lamp Flux:4614.69x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W | DIM.: 130*1200mm | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |



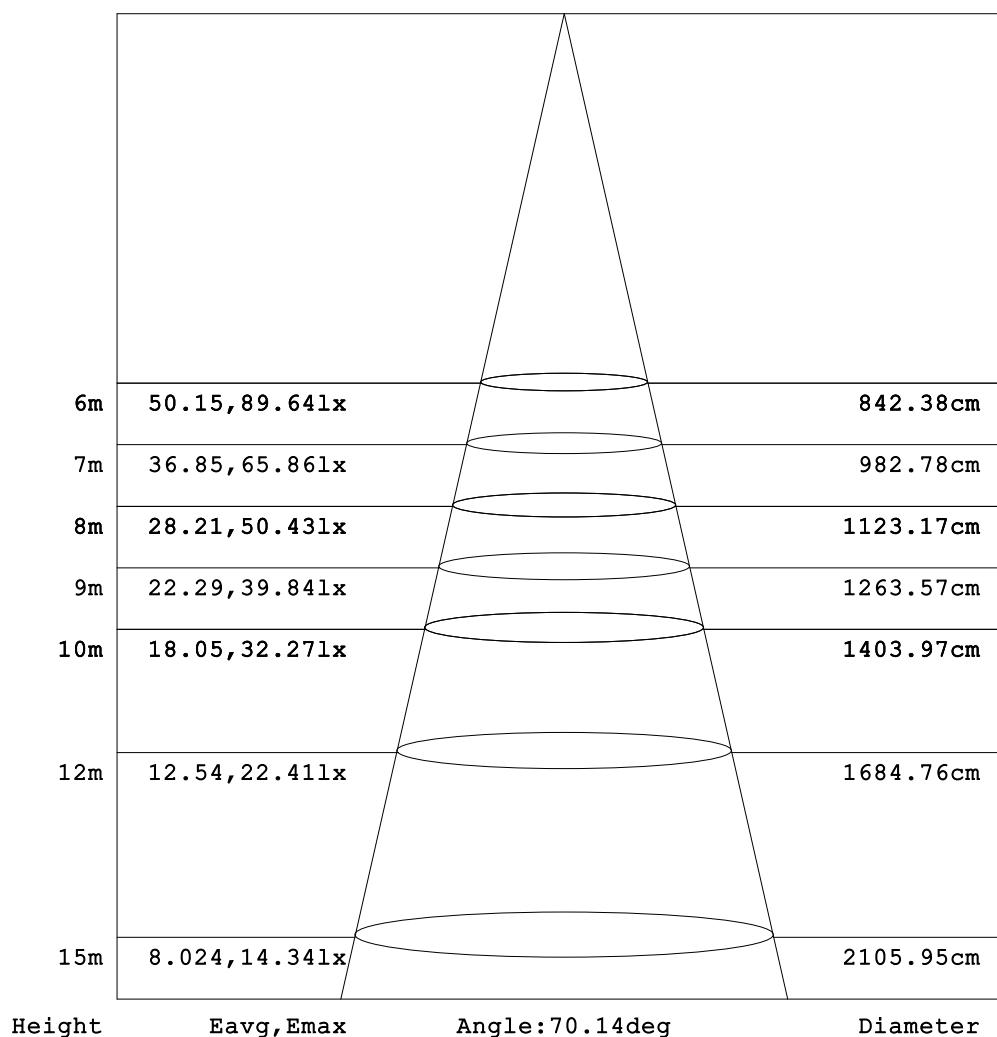
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:05 June 2018

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:120.10V I:0.3194A P:37.924W PF:0.9885 Freq:59.98Hz Lamp Flux:4614.69x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W | DIM.: 130*1200mm | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |

Flux out:2886 lm



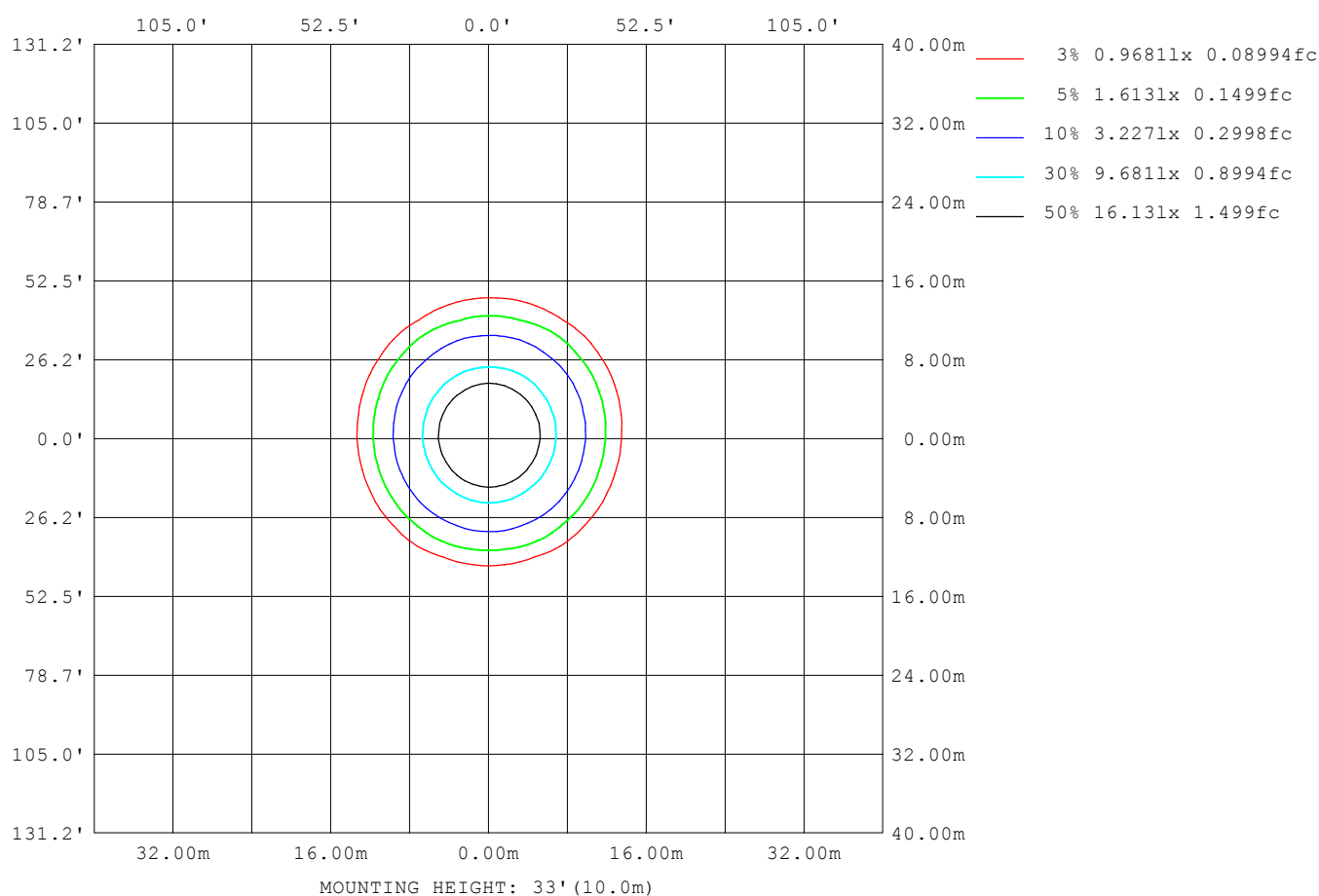
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:05 June 2018

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:120.10V I:0.3194A P:37.924W PF:0.9885 Freq:59.98Hz Lamp Flux:4614.69x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W | DIM.: 130*1200mm | 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:05 June 2018

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:120.10V I:0.3194A P:37.924W PF:0.9885 Freq:59.98Hz Lamp Flux:4614.69x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W | DIM.: 130*1200mm | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |

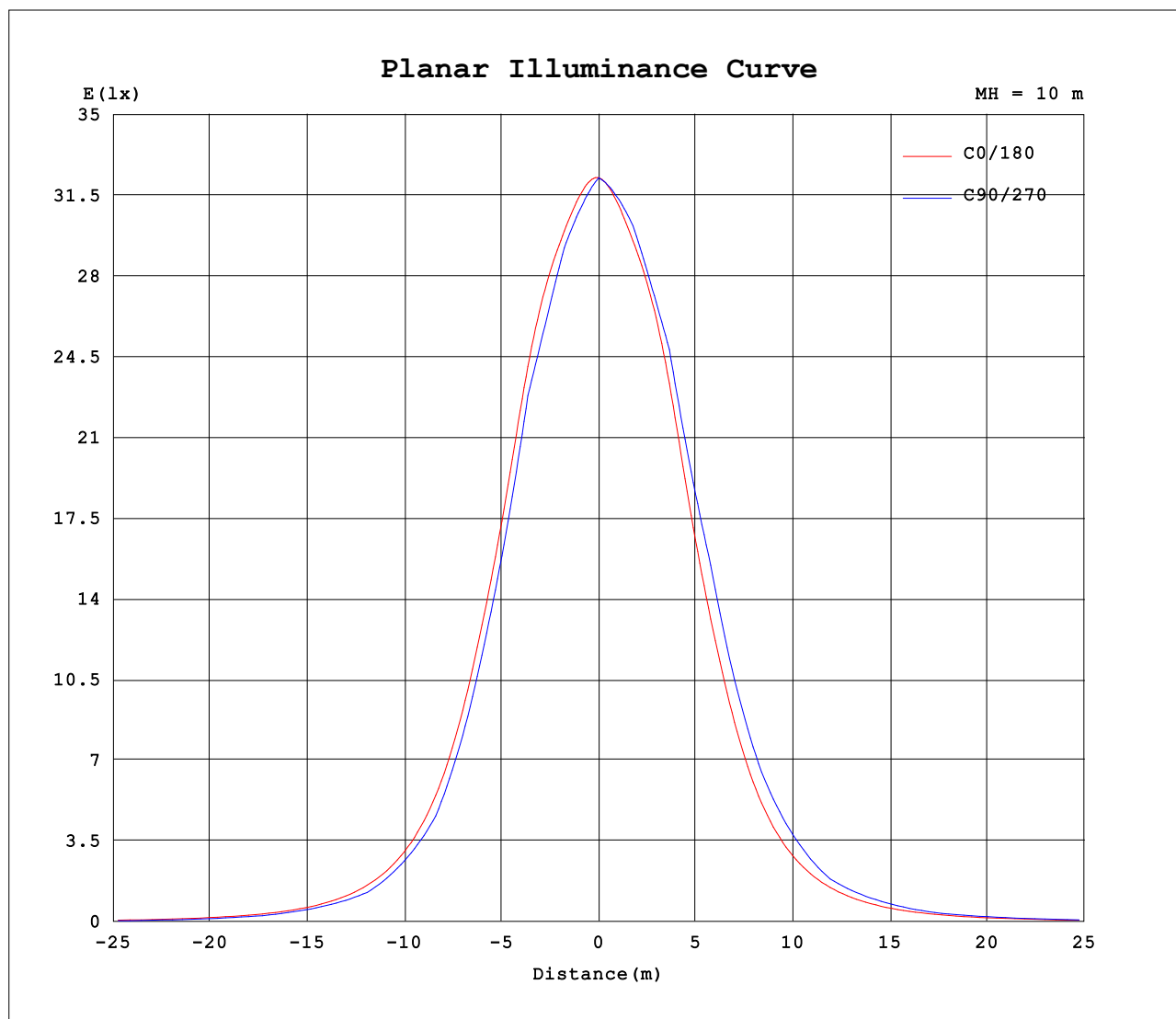
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 4118 |
| L_0~180 (75) av | 2377 |
| L_0~180 (85) av | 536 |
| L_90~270 (65) av | 4132 |
| L_90~270 (75) av | 1671 |
| L_90~270 (85) av | 0 |
| L_45 (65) av | 4490 |
| L_45 (75) av | 2192 |
| L_45 (85) av | 94 |

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:05 June 2018

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:05 June 2018

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:120.10V I:0.3194A P:37.924W PF:0.9885 Freq:59.98Hz Lamp Flux:4614.69x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W | DIM.: 130*1200mm | 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:05 June 2018

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:120.10V I:0.3194A P:37.924W PF:0.9885 Freq:59.98Hz Lamp Flux:4614.69x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W | DIM.: 130*1200mm | SERIAL No.:N/A |
| MFR.: NJZ Lighting Technology Co.,Ltd | SUR.:N/A | Shielding Angle:N/A |

Table--2

UNIT: cd

| Table 2 | | UN117: Cu | | | | | | | | | | | | | | | | | | |
|---------|---------|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| γ | C (DEG) | 95 | 100 | 105 | 110 | 115 | 120 | 125 | 130 | 135 | 140 | 145 | 150 | 155 | 160 | 165 | 170 | 175 | 180 | 185 |
| | (DEG) | | | | | | | | | | | | | | | | | | | |
| | 0 | 3227 | 3227 | 3227 | 3227 | 3227 | 3227 | 3227 | 3227 | 3227 | 3227 | 3227 | 3227 | 3227 | 3227 | 3227 | 3227 | 3227 | 3227 | 3227 |
| | 5 | 3137 | 3135 | 3133 | 3132 | 3132 | 3132 | 3132 | 3133 | 3134 | 3136 | 3139 | 3141 | 3145 | 3149 | 3153 | 3158 | 3164 | 3170 | 3168 |
| | 10 | 3059 | 3057 | 3056 | 3056 | 3057 | 3056 | 3054 | 3052 | 3049 | 3047 | 3045 | 3043 | 3046 | 3052 | 3060 | 3069 | 3080 | 3092 | 3089 |
| | 15 | 2896 | 2893 | 2890 | 2888 | 2888 | 2892 | 2901 | 2915 | 2934 | 2950 | 2938 | 2928 | 2920 | 2917 | 2930 | 2953 | 2980 | 3012 | 3000 |
| | 20 | 2744 | 2733 | 2718 | 2698 | 2677 | 2657 | 2640 | 2626 | 2627 | 2645 | 2673 | 2713 | 2704 | 2684 | 2671 | 2700 | 2752 | 2814 | 2782 |
| | 25 | 2325 | 2316 | 2307 | 2302 | 2302 | 2309 | 2325 | 2336 | 2307 | 2281 | 2259 | 2290 | 2337 | 2349 | 2311 | 2297 | 2359 | 2437 | 2392 |
| | 30 | 1922 | 1912 | 1899 | 1885 | 1869 | 1853 | 1840 | 1852 | 1880 | 1917 | 1890 | 1852 | 1862 | 1925 | 1928 | 1884 | 1929 | 2022 | 1966 |
| | 35 | 1463 | 1455 | 1450 | 1448 | 1445 | 1443 | 1439 | 1425 | 1413 | 1415 | 1451 | 1465 | 1423 | 1437 | 1512 | 1460 | 1470 | 1575 | 1506 |
| | 40 | 1020 | 1024 | 1031 | 1037 | 1040 | 1036 | 1034 | 1043 | 1050 | 1040 | 1022 | 1047 | 1075 | 1030 | 1066 | 1080 | 1054 | 1147 | 1084 |
| | 45 | 745 | 742 | 740 | 737 | 734 | 729 | 730 | 732 | 725 | 737 | 746 | 726 | 739 | 755 | 727 | 784 | 733 | 810 | 755 |
| | 50 | 482 | 488 | 496 | 504 | 510 | 512 | 512 | 514 | 514 | 512 | 507 | 523 | 509 | 522 | 516 | 531 | 516 | 562 | 531 |
| | 55 | 346 | 346 | 346 | 347 | 348 | 349 | 351 | 355 | 351 | 358 | 362 | 349 | 362 | 350 | 372 | 353 | 361 | 386 | 371 |
| | 60 | 216 | 220 | 225 | 230 | 235 | 238 | 239 | 241 | 241 | 243 | 239 | 246 | 238 | 247 | 236 | 238 | 247 | 258 | 255 |
| | 65 | 131 | 132 | 135 | 139 | 143 | 147 | 151 | 157 | 159 | 160 | 161 | 159 | 161 | 156 | 161 | 165 | 165 | 169 | 170 |
| | 70 | 47.3 | 49.4 | 53.8 | 58.7 | 64.5 | 71.1 | 77.8 | 84.3 | 92.0 | 99.3 | 101 | 100 | 103 | 101 | 97.6 | 97.3 | 98.7 | 105 | 101 |
| | 75 | 23.7 | 23.8 | 24.3 | 24.4 | 24.7 | 25.4 | 25.7 | 25.2 | 29.6 | 38.4 | 46.0 | 54.5 | 56.6 | 57.8 | 55.9 | 56.8 | 57.7 | 59.4 | 59.3 |
| | 80 | 1.45 | 1.91 | 2.68 | 3.64 | 4.78 | 6.07 | 7.28 | 8.25 | 9.10 | 9.58 | 9.74 | 9.31 | 15.3 | 21.7 | 22.3 | 22.3 | 22.2 | 25.0 | 23.9 |
| | 85 | 0.00 | 0.02 | 0.04 | 0.08 | 0.12 | 0.17 | 0.23 | 0.31 | 0.40 | 0.50 | 0.62 | 0.75 | 1.38 | 1.39 | 1.17 | 3.39 | 3.08 | 4.30 | 4.12 |
| | 90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.38 | 0.00 |
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:CL
Test Date:05 June 2018

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:120.10V I:0.3194A P:37.924W PF:0.9885 Freq:59.98Hz Lamp Flux:4614.69x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W | DIM.: 130*1200mm | 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:05 June 2018

```
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:120.10V I:0.3194A P:37.924W PF:0.9885 Freq:59.98Hz Lamp Flux:4614.69x1 lm | | |
| NAME: LED Explosion-proof Flood Light | TYPE:Floodlight | WEIGHT:N/A |
| SPEC.:40W | DIM.: 130*1200mm | 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:05 June 2018

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: