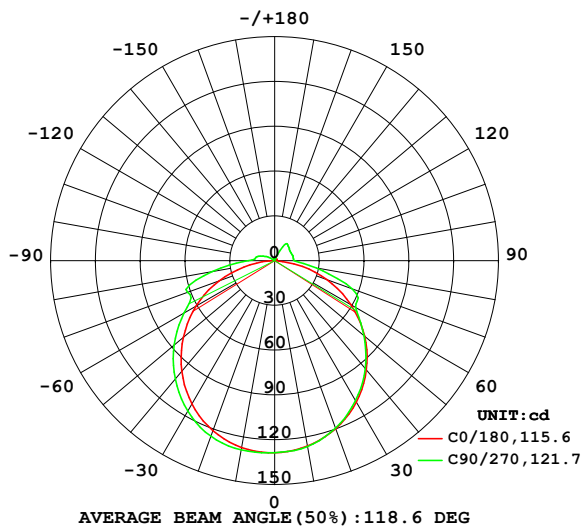


LUMINAIRE PHOTOMETRIC TEST REPORT

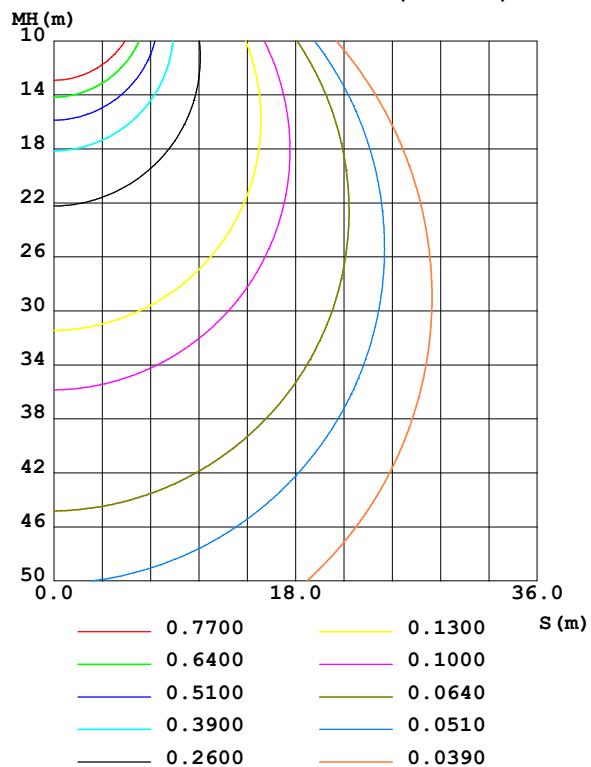
| | | |
|-----------------|----------------------|------------------|
| NAME: 2835 IP67 | TYPE: 2835 70LED 24V | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.012*0.5 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA | | | | Eff: 94.03 lm/W |
|------------------|----------------------|-----------------------------------|--------|------------------------------------------|----------|-----------------|
| MODEL | 3000K RA90 12MM 9.6W | I _{max} (cd) | 128.9 | S/MH(C0/180) | 1.28 | |
| NOMINAL POWER(W) | 4.8 | LOR(%) | 100.0 | S/MH(C90/270) | 1.34 | |
| RATED VOLTAGE(V) | 24 | TOTAL FLUX(lm) | 452.65 | <input type="checkbox"/> UP,DN(C0-180) | 4.9,44.3 | |
| NOMINAL FLUX(lm) | 12.9328 | CIE CLASS | DIRECT | <input type="checkbox"/> UP,DN(C180-360) | 2.5,48.2 | |
| LAMPS INSIDE | 35 | <input type="checkbox"/> up (%) | 7.5 | CIBSE SHR NOM | 1.50 | |
| TEST VOLTAGE(V) | 24 | <input type="checkbox"/> down (%) | 92.5 | CIBSE SHR MAX | 1.50 | |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-04-15

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
 Humidity:65.0%
 Test Distance:5.749m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| ° | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | ° | □ zone | □ total | %lum, lamp |
|-----|-----------------------|-------|-------|-------|--------|--------|--------|--------|---------|---------|---------|------------|
| 10 | 126.1 | 126.1 | 126.4 | 127.0 | 127.1 | 128.2 | 128.6 | 127.5 | 0- 10 | 12.21 | 12.21 | 2.7,2.7 |
| 20 | 119.7 | 119.2 | 119.5 | 120.8 | 121.2 | 124.5 | 125.2 | 123.2 | 10- 20 | 35.28 | 47.50 | 10.5,10.5 |
| 30 | 109.5 | 108.3 | 108.4 | 110.3 | 110.9 | 116.0 | 116.5 | 114.5 | 20- 30 | 54.07 | 101.6 | 22.4,22.4 |
| 40 | 95.67 | 94.07 | 94.52 | 96.12 | 96.75 | 102.8 | 103.5 | 101.2 | 30- 40 | 65.99 | 167.6 | 37,37 |
| 50 | 78.64 | 77.31 | 78.12 | 79.41 | 79.78 | 86.69 | 87.84 | 84.81 | 40- 50 | 69.66 | 237.2 | 52.4,52.4 |
| 60 | 59.01 | 58.88 | 62.74 | 61.33 | 60.77 | 68.55 | 70.04 | 66.30 | 50- 60 | 65.06 | 302.3 | 66.8,66.8 |
| 70 | 37.28 | 45.48 | 55.24 | 48.98 | 39.55 | 50.35 | 62.06 | 47.67 | 60- 70 | 55.12 | 357.4 | 79,79 |
| 80 | 13.24 | 25.11 | 28.61 | 26.58 | 16.76 | 36.59 | 42.49 | 36.86 | 70- 80 | 41.93 | 399.3 | 88.2,88.2 |
| 90 | 0.1903 | 10.39 | 13.21 | 10.56 | 0.1644 | 13.27 | 17.73 | 13.57 | 80- 90 | 19.58 | 418.9 | 92.5,92.5 |
| 100 | 0.3854 | 10.40 | 12.75 | 10.48 | 0.3169 | 9.078 | 12.91 | 9.734 | 90-100 | 9.807 | 428.7 | 94.7,94.7 |
| 110 | 0.6497 | 9.413 | 12.33 | 9.953 | 0.5454 | 4.213 | 9.016 | 4.453 | 100-110 | 7.718 | 436.4 | 96.4,96.4 |
| 120 | 0.8949 | 8.929 | 12.28 | 9.310 | 0.7763 | 0.7851 | 4.539 | 0.7985 | 110-120 | 5.385 | 441.8 | 97.6,97.6 |
| 130 | 1.116 | 8.882 | 12.90 | 8.434 | 0.9930 | 0.9138 | 0.9485 | 0.9413 | 120-130 | 3.900 | 445.7 | 98.5,98.5 |
| 140 | 1.297 | 7.791 | 13.77 | 6.550 | 1.169 | 1.085 | 1.070 | 1.100 | 130-140 | 3.194 | 448.9 | 99.2,99.2 |
| 150 | 1.445 | 1.528 | 10.72 | 1.705 | 1.314 | 1.242 | 1.193 | 1.255 | 140-150 | 2.281 | 451.2 | 99.7,99.7 |
| 160 | 1.571 | 1.556 | 1.567 | 1.547 | 1.457 | 1.392 | 1.367 | 1.407 | 150-160 | 0.8522 | 452.0 | 99.9,99.9 |
| 170 | 1.690 | 1.682 | 1.695 | 1.663 | 1.624 | 1.578 | 1.569 | 1.590 | 160-170 | 0.4388 | 452.5 | 100,100 |
| 180 | 1.802 | 1.782 | 1.795 | 1.792 | 1.802 | 1.782 | 1.795 | 1.789 | 170-180 | 0.1614 | 452.6 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

Conical surface Flux(90deg): 209.46 lm

%lum = 46.3%

%lamp = 46.3%

Conical surface Flux(120deg): 302.28 lm

%lum = 66.8%

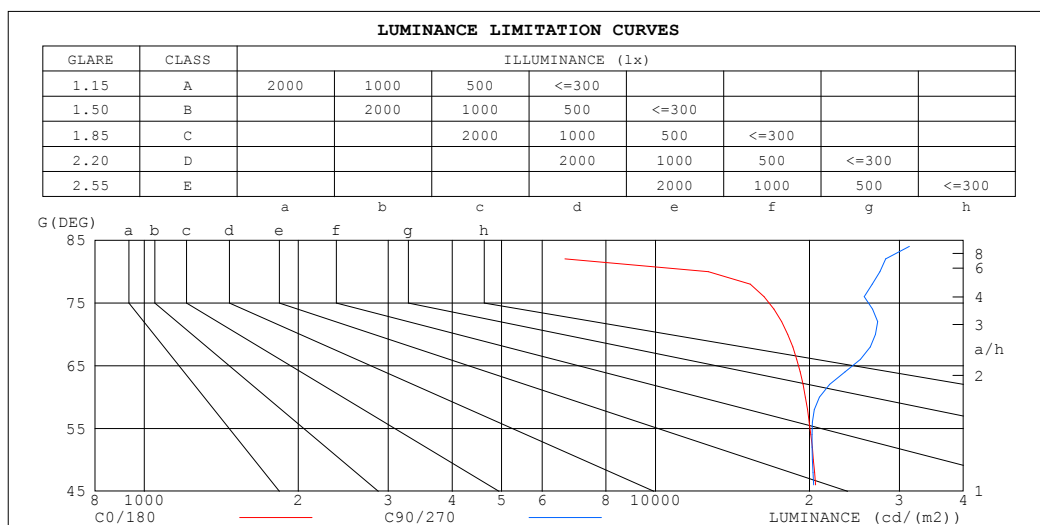
%lamp = 66.8%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-04-15

□ Range: 0 - 180DEG
□ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|-----------------|----------------------|------------------|
| NAME: 2835 IP67 | TYPE: 2835 70LED 24V | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.012*0.5 | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 721 | 37613 |
| 80 | 12691 | 27474 |
| 75 | 18149 | 28285 |
| 70 | 18144 | 26930 |
| 65 | 19915 | 24360 |
| 60 | 19647 | 20922 |
| 55 | 20628 | 20732 |
| 50 | 20367 | 20265 |
| 45 | 21004 | 20794 |

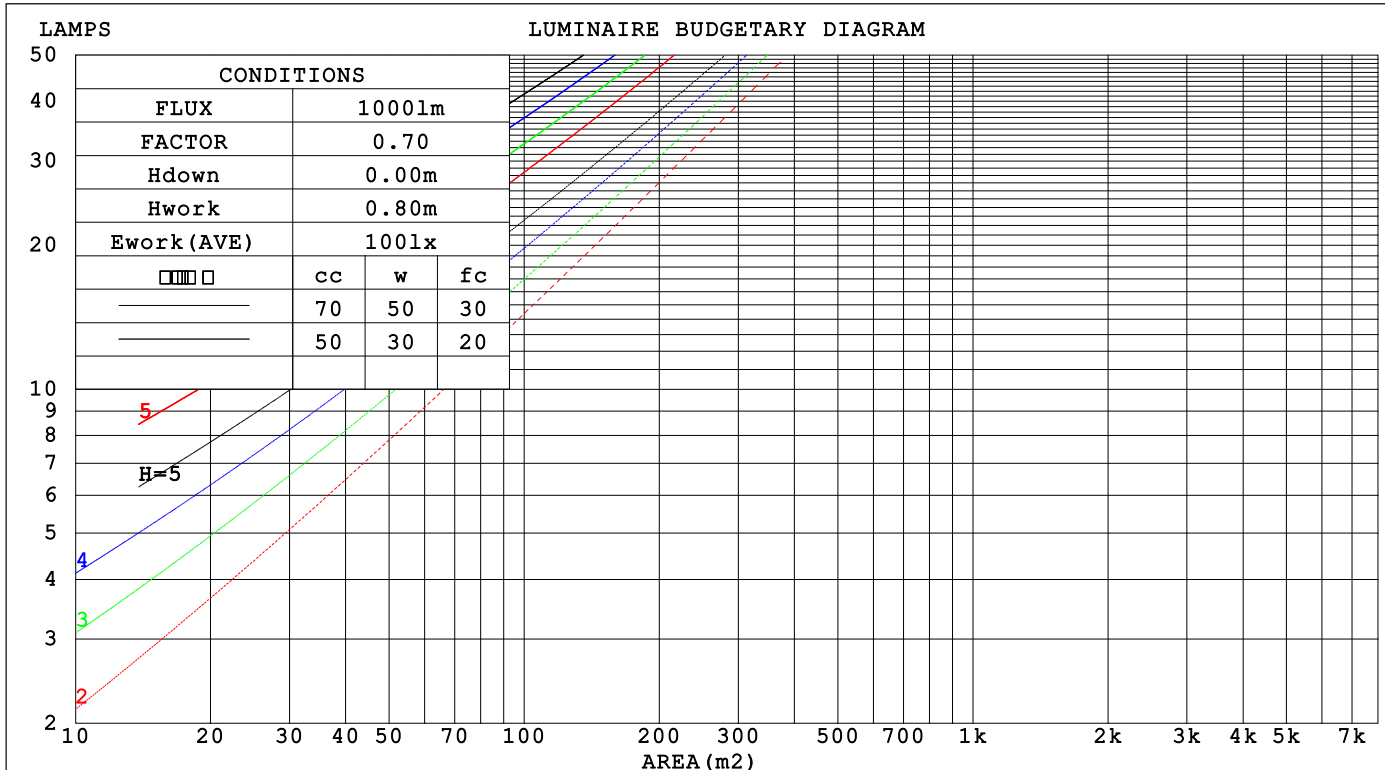
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-04-15

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity: 65.0%
Test Distance: 5.749m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|-----------------|----------------------|------------------|
| NAME: 2835 IP67 | TYPE: 2835 70LED 24V | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.012*0.5 | Shielding Angle: |

| □cc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|-----|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|
| □w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| □fc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | | | | | | | | | | |



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-04-15

□ Range: 0 - 180DEG
□ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

WEC AND CCEC

| | | |
|-----------------|----------------------|------------------|
| NAME: 2835 IP67 | TYPE: 2835 70LED 24V | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.012*0.5 | Shielding Angle: |

| | | | | | | |
|-----------------------------|-----------------------|----------------|----------------|----------------|----------------|---------------------------------|
| <input type="checkbox"/> cc | 80% | 70% | 50% | 30% | 10% | 0 |
| <input type="checkbox"/> w | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 0 |
| <input type="checkbox"/> fc | 20% | 20% | 20% | 20% | 20% | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | Wall Exitance Coefficients(WEC) |
| 0.0 | | | | | | |
| 1.0 | .349 .199 .063 | .340 .194 .062 | .322 .185 .059 | .306 .176 .057 | .291 .169 .054 | |
| 2.0 | .315 .173 .053 | .307 .169 .052 | .291 .162 .050 | .276 .155 .049 | .263 .149 .047 | |
| 3.0 | .285 .152 .046 | .278 .149 .045 | .264 .143 .043 | .251 .137 .042 | .238 .132 .041 | |
| 4.0 | .260 .135 .040 | .253 .132 .039 | .240 .127 .038 | .229 .123 .037 | .218 .118 .036 | |
| 5.0 | .238 .121 .035 | .232 .119 .035 | .220 .115 .034 | .210 .111 .033 | .200 .107 .032 | |
| 6.0 | .219 .110 .031 | .214 .108 .031 | .203 .104 .030 | .194 .101 .030 | .185 .097 .029 | |
| 7.0 | .203 .100 .028 | .198 .099 .028 | .189 .095 .027 | .180 .092 .027 | .172 .089 .026 | |
| 8.0 | .189 .092 .026 | .184 .091 .026 | .176 .088 .025 | .168 .085 .025 | .160 .082 .024 | |
| 9.0 | .176 .085 .024 | .172 .084 .024 | .165 .081 .023 | .157 .079 .023 | .150 .076 .022 | |
| 10.0 | .165 .079 .022 | .162 .078 .022 | .155 .076 .021 | .148 .073 .021 | .142 .071 .020 | |

| | | | | | | |
|-----------------------------|-----------------------|----------------|----------------|----------------|----------------|--------------------------------------------|
| <input type="checkbox"/> cc | 80% | 70% | 50% | 30% | 10% | 0 |
| <input type="checkbox"/> w | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 0 |
| <input type="checkbox"/> fc | 20% | 20% | 20% | 20% | 20% | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | Ceiling Cavity Exitance Coefficients(CCEC) |
| 0.0 | .247 .247 .247 | .211 .211 .211 | .144 .144 .144 | .083 .083 .083 | .026 .026 .026 | |
| 1.0 | .240 .213 .189 | .206 .183 .162 | .141 .126 .112 | .081 .073 .065 | .026 .023 .021 | |
| 2.0 | .233 .189 .153 | .200 .163 .132 | .137 .113 .092 | .079 .066 .054 | .025 .021 .018 | |
| 3.0 | .225 .172 .130 | .193 .149 .113 | .133 .103 .079 | .077 .060 .047 | .025 .020 .015 | |
| 4.0 | .218 .159 .115 | .187 .138 .100 | .128 .096 .070 | .074 .056 .042 | .024 .018 .014 | |
| 5.0 | .210 .149 .104 | .180 .129 .091 | .124 .090 .064 | .072 .053 .038 | .023 .017 .013 | |
| 6.0 | .203 .141 .097 | .174 .122 .084 | .120 .086 .060 | .070 .050 .035 | .023 .016 .012 | |
| 7.0 | .196 .134 .091 | .168 .116 .080 | .116 .082 .056 | .068 .048 .034 | .022 .016 .011 | |
| 8.0 | .189 .129 .087 | .163 .112 .076 | .113 .078 .054 | .066 .046 .032 | .021 .015 .011 | |
| 9.0 | .183 .124 .084 | .158 .107 .073 | .109 .076 .052 | .064 .045 .031 | .021 .015 .010 | |
| 10.0 | .177 .120 .081 | .153 .104 .071 | .106 .073 .050 | .062 .043 .030 | .020 .014 .010 | |

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-04-15

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | | |
|-----------------------------------------------------------------|---------------|------------------|------|------|----------------------|---------------|----------------|------------------|------|------|------|
| NAME: 2835 IP67 | | | | | TYPE: 2835 70LED 24V | | | WEIGHT: | | | |
| SPEC.: | | | | | DIM.: | | | SERIAL No.: | | | |
| MFR.: | | | | | SUR.: 0.012*0.5 | | | Shielding Angle: | | | |
| ceiling/cavity | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | |
| walls | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | |
| working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | |
| Room dimensions | | Viewed crosswise | | | | | Viewed endwise | | | | |
| x = 2H y = 2H | 25.3 | 26.8 | 25.7 | 27.1 | 27.5 | 25.5 | 26.9 | 25.8 | 27.3 | 27.6 | |
| | 26.9 | 28.2 | 27.3 | 28.6 | 29.0 | 28.1 | 29.4 | 28.5 | 29.8 | 30.2 | |
| | 27.5 | 28.8 | 27.9 | 29.2 | 29.6 | 29.1 | 30.4 | 29.5 | 30.8 | 31.2 | |
| | 28.0 | 29.2 | 28.4 | 29.6 | 30.0 | 29.9 | 31.1 | 30.3 | 31.5 | 32.0 | |
| | 28.0 | 29.2 | 28.4 | 29.6 | 30.0 | 30.2 | 31.4 | 30.7 | 31.8 | 32.3 | |
| | 27.9 | 29.1 | 28.4 | 29.5 | 30.0 | 30.5 | 31.7 | 31.0 | 32.1 | 32.5 | |
| 4H | 2H | 25.9 | 27.2 | 26.4 | 27.6 | 28.0 | 26.1 | 27.4 | 26.5 | 27.8 | 28.2 |
| | 3H | 27.8 | 28.9 | 28.2 | 29.3 | 29.8 | 28.9 | 30.1 | 29.4 | 30.5 | 31.0 |
| | 4H | 28.6 | 29.6 | 29.1 | 30.1 | 30.6 | 30.1 | 31.1 | 30.6 | 31.6 | 32.1 |
| | 6H | 29.2 | 30.2 | 29.8 | 30.7 | 31.2 | 31.0 | 32.0 | 31.6 | 32.5 | 33.0 |
| | 8H | 29.3 | 30.2 | 29.8 | 30.7 | 31.2 | 31.4 | 32.3 | 32.0 | 32.8 | 33.4 |
| | 12H | 29.3 | 30.1 | 29.8 | 30.6 | 31.2 | 31.8 | 32.6 | 32.4 | 33.2 | 33.7 |
| 8H | 4H | 29.2 | 30.1 | 29.7 | 30.6 | 31.1 | 30.4 | 31.3 | 30.9 | 31.8 | 32.3 |
| | 6H | 30.0 | 30.8 | 30.6 | 31.3 | 31.9 | 31.6 | 32.3 | 32.1 | 32.8 | 33.4 |
| | 8H | 30.3 | 30.9 | 30.8 | 31.5 | 32.1 | 32.1 | 32.8 | 32.7 | 33.3 | 33.9 |
| | 12H | 30.3 | 30.9 | 30.9 | 31.5 | 32.1 | 32.6 | 33.2 | 33.2 | 33.8 | 34.4 |
| 12H | 4H | 29.3 | 30.1 | 29.8 | 30.6 | 31.2 | 30.4 | 31.2 | 31.0 | 31.7 | 32.3 |
| | 6H | 30.2 | 30.9 | 30.8 | 31.4 | 32.0 | 31.7 | 32.3 | 32.2 | 32.9 | 33.5 |
| | 8H | 30.5 | 31.1 | 31.1 | 31.7 | 32.3 | 32.3 | 32.8 | 32.8 | 33.4 | 34.0 |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | | |
| S = 1.0H | + 0.1 / - 0.1 | | | | | + 0.1 / - 0.1 | | | | | |
| 1.5H | + 0.1 / - 0.2 | | | | | + 0.1 / - 0.3 | | | | | |
| 2.0H | + 0.1 / - 0.2 | | | | | + 0.2 / - 0.3 | | | | | |

CIE Pub.117, 452.6 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.8)
Area: 0.006 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-04-15

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|-----------------|----------------------|------------------|
| NAME: 2835 IP67 | TYPE: 2835 70LED 24V | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.012*0.5 | Shielding Angle: |

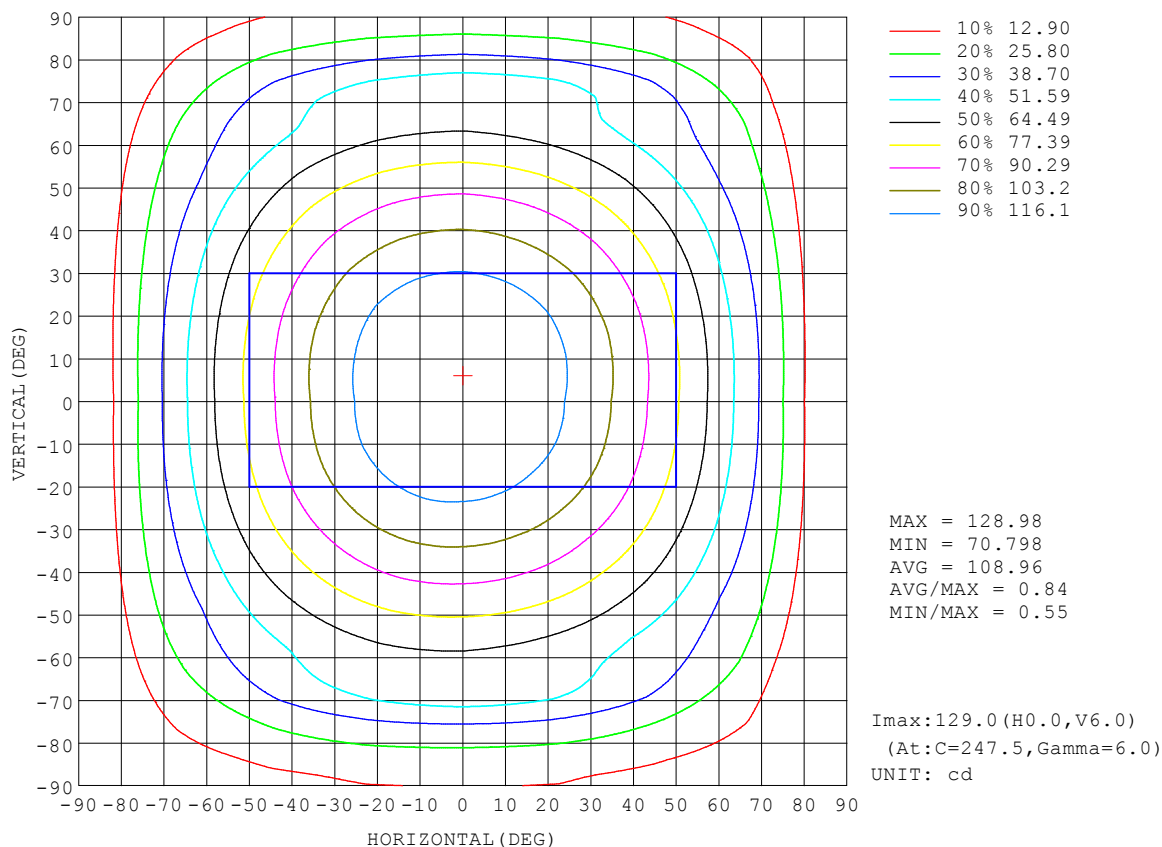
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--------------------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) k(RI) x RCR = 5 | | | | | | | | | |
| k = 0.60 | 53 | 41 | 34 | 52 | 41 | 34 | 51 | 40 | 33 | 27 |
| 0.80 | 63 | 50 | 43 | 61 | 50 | 42 | 59 | 49 | 42 | 34 |
| 1.00 | 71 | 59 | 51 | 69 | 58 | 50 | 66 | 59 | 50 | 42 |
| 1.25 | 78 | 66 | 58 | 76 | 65 | 58 | 72 | 63 | 57 | 48 |
| 1.50 | 83 | 72 | 64 | 81 | 70 | 63 | 77 | 68 | 62 | 53 |
| 2.00 | 90 | 80 | 73 | 87 | 78 | 72 | 83 | 75 | 70 | 60 |
| 2.50 | 94 | 85 | 78 | 91 | 83 | 77 | 87 | 80 | 74 | 64 |
| 3.00 | 98 | 90 | 83 | 95 | 88 | 82 | 90 | 84 | 79 | 68 |
| 4.00 | 102 | 95 | 90 | 99 | 93 | 88 | 93 | 89 | 84 | 73 |
| 5.00 | 105 | 99 | 94 | 102 | 96 | 92 | 96 | 92 | 88 | 76 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | | | | | | | | |
| Suspended | | | | | | | | | | |
| SHRNOM = 1.25 | | | | | | | | | | |

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-04-15

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity: 65.0%
Test Distance: 5.749m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

| | | |
|-----------------|----------------------|------------------|
| NAME: 2835 IP67 | TYPE: 2835 70LED 24V | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.012*0.5 | Shielding Angle: |

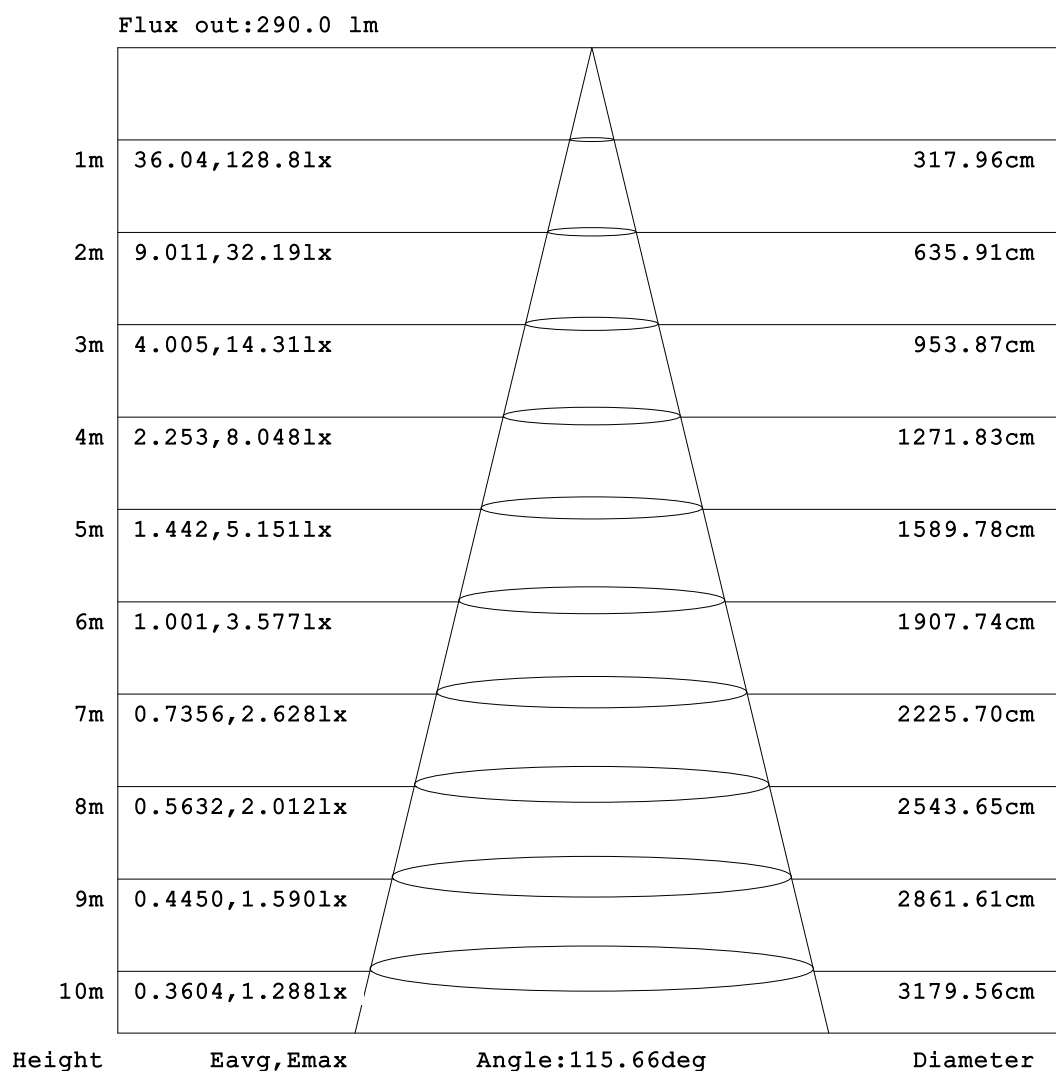


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-04-15

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

AAI Figure

| | | |
|-----------------|----------------------|------------------|
| NAME: 2835 IP67 | TYPE: 2835 70LED 24V | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.012*0.5 | Shielding Angle: |



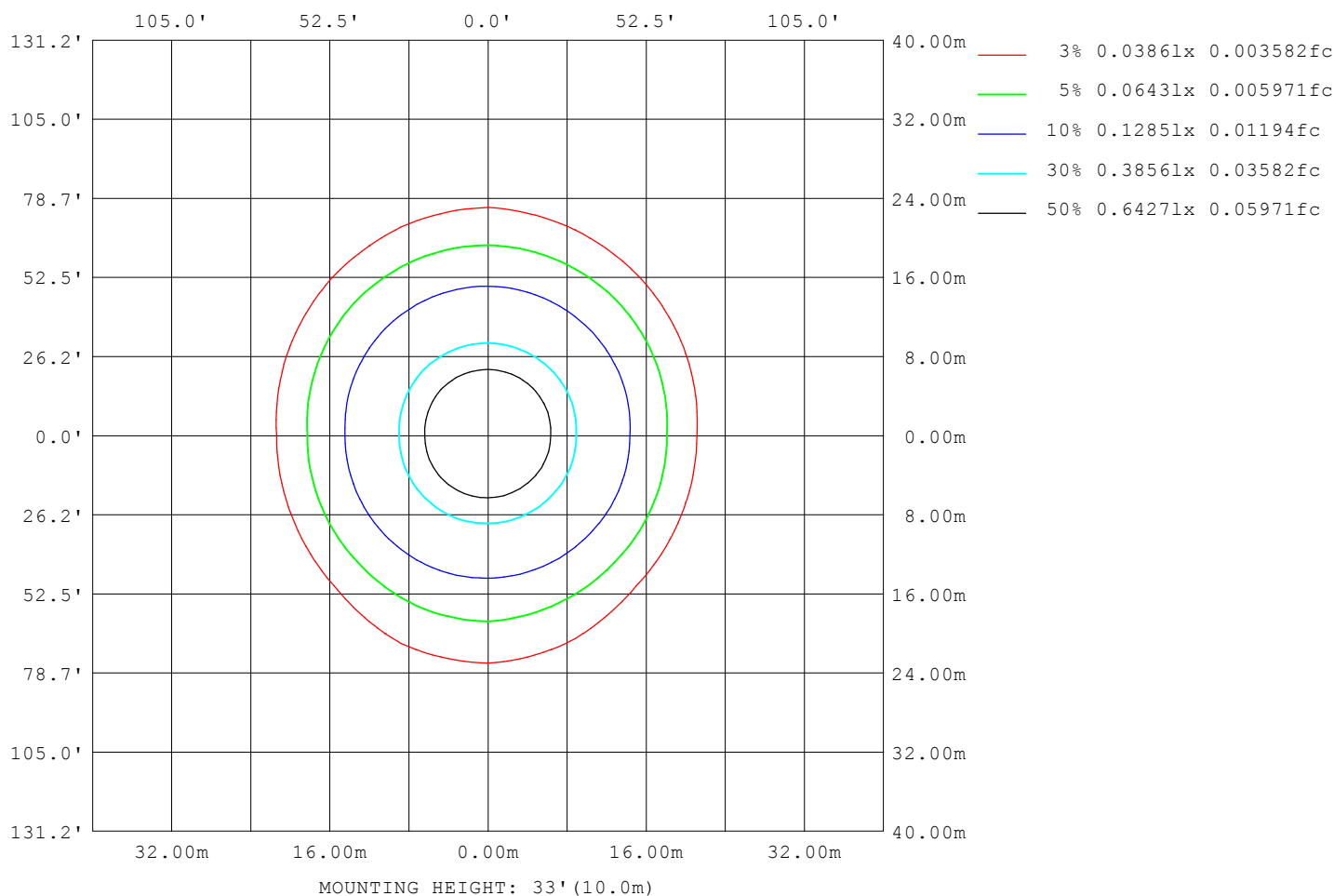
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-04-15

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
 Humidity:65.0%
 Test Distance:5.749m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

| | | |
|-----------------|----------------------|------------------|
| NAME: 2835 IP67 | TYPE: 2835 70LED 24V | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.012*0.5 | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-04-15

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity: 65.0%
Test Distance: 5.749m [K=1.0000]
Remarks:

LED Avg.L Report

| | | |
|-----------------|----------------------|------------------|
| NAME: 2835 IP67 | TYPE: 2835 70LED 24V | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.012*0.5 | Shielding Angle: |

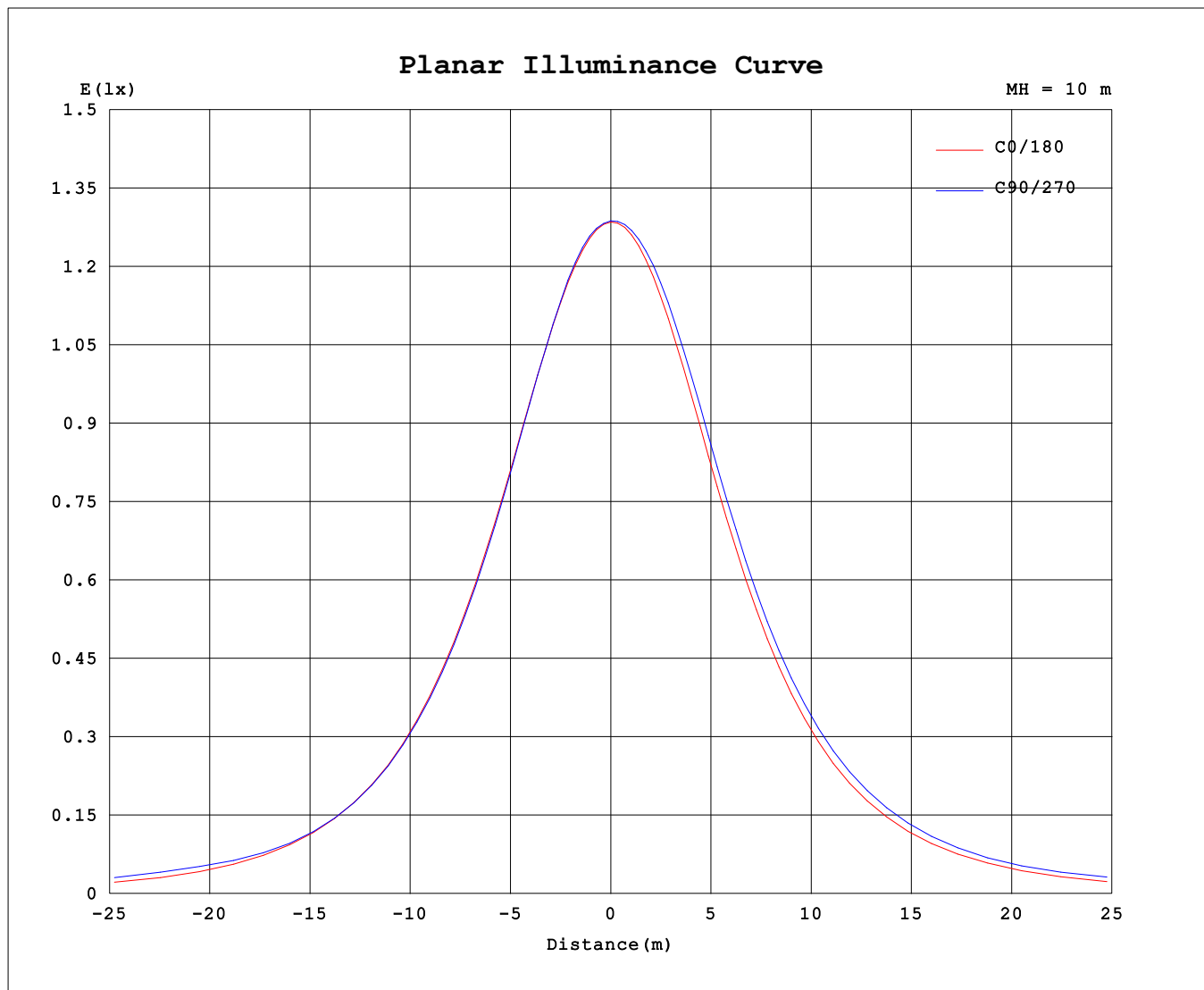
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 19502 |
| L_0~180 (75) av | 17407 |
| L_0~180 (85) av | 5658 |
| L_90~270 (65) av | 24429 |
| L_90~270 (75) av | 31389 |
| L_90~270 (85) av | 44058 |
| L_45 (65) av | 21574 |
| L_45 (75) av | 27582 |
| L_45 (85) av | 36631 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-04-15

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity: 65.0%
Test Distance: 5.749m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2022-04-15

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.450
 Humidity: 65.0%
 Test Distance: 5.749m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|-----------------|----------------------|------------------|
| NAME: 2835 IP67 | TYPE: 2835 70LED 24V | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: | SUR.: 0.012*0.5 | Shielding Angle: |

Table--1

UNIT: cd

| C (DEG) □ (DEG) | 0 | 22.5 | 45 | 67.5 | 90 | 112.5 | 135 | 157.5 | 180 | 202.5 | 225 | 247.5 | 270 | 292.5 | 315 | 337.5 | | | |
|--------------------|------|------|------|------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|--|--|--|
| 0 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | | | |
| 5 | 128 | 128 | 128 | 128 | 128 | 128 | 128 | 128 | 129 | 129 | 129 | 129 | 129 | 129 | 129 | 128 | | | |
| 10 | 126 | 126 | 126 | 126 | 126 | 127 | 127 | 127 | 127 | 128 | 128 | 129 | 129 | 128 | 128 | 127 | | | |
| 15 | 124 | 124 | 124 | 124 | 124 | 125 | 125 | 125 | 125 | 126 | 127 | 128 | 128 | 127 | 126 | 125 | | | |
| 20 | 120 | 120 | 119 | 119 | 119 | 120 | 121 | 121 | 121 | 123 | 124 | 125 | 125 | 124 | 123 | 121 | | | |
| 25 | 116 | 116 | 115 | 115 | 115 | 116 | 117 | 118 | 118 | 119 | 122 | 122 | 122 | 122 | 120 | 118 | | | |
| 30 | 110 | 109 | 108 | 108 | 108 | 109 | 110 | 111 | 111 | 113 | 116 | 117 | 116 | 116 | 114 | 112 | | | |
| 35 | 104 | 104 | 103 | 103 | 103 | 104 | 105 | 106 | 106 | 109 | 111 | 112 | 112 | 111 | 110 | 107 | | | |
| 40 | 95.7 | 95.3 | 94.1 | 93.9 | 94.5 | 95.6 | 96.1 | 96.7 | 96.7 | 100 | 103 | 104 | 104 | 102 | 101 | 99.1 | | | |
| 45 | 89.2 | 88.8 | 87.6 | 87.6 | 88.2 | 89.3 | 89.7 | 90.2 | 90.2 | 93.9 | 96.6 | 97.6 | 97.6 | 96.3 | 95.0 | 92.8 | | | |
| 50 | 78.6 | 78.3 | 77.3 | 77.5 | 78.1 | 79.2 | 79.4 | 79.7 | 79.8 | 83.7 | 86.7 | 87.9 | 87.8 | 86.5 | 84.8 | 82.4 | | | |
| 55 | 71.1 | 70.8 | 70.1 | 70.4 | 71.3 | 72.3 | 72.3 | 72.3 | 72.4 | 76.5 | 79.7 | 80.9 | 80.9 | 79.5 | 77.6 | 74.9 | | | |
| 60 | 59.0 | 58.9 | 58.9 | 60.5 | 62.7 | 62.7 | 61.3 | 60.8 | 60.8 | 65.1 | 68.5 | 69.9 | 70.0 | 68.5 | 66.3 | 63.1 | | | |
| 65 | 50.6 | 50.7 | 51.7 | 56.8 | 61.7 | 59.9 | 54.5 | 52.9 | 52.6 | 57.1 | 60.9 | 62.8 | 63.4 | 61.2 | 58.6 | 54.9 | | | |
| 70 | 37.3 | 38.3 | 45.5 | 53.9 | 55.2 | 54.4 | 49.0 | 41.1 | 39.6 | 44.6 | 50.3 | 59.0 | 62.1 | 56.4 | 47.7 | 42.2 | | | |
| 75 | 28.2 | 31.2 | 41.1 | 44.5 | 43.9 | 44.6 | 42.5 | 34.4 | 30.4 | 36.4 | 48.0 | 56.7 | 59.5 | 56.7 | 45.2 | 34.1 | | | |
| 80 | 13.2 | 21.4 | 25.1 | 28.2 | 28.6 | 28.9 | 26.6 | 23.1 | 16.8 | 27.1 | 36.6 | 40.6 | 42.5 | 40.7 | 36.9 | 26.3 | | | |
| 85 | 0.38 | 13.2 | 16.7 | 19.0 | 19.7 | 19.7 | 17.9 | 14.6 | 8.20 | 18.1 | 25.4 | 29.2 | 30.6 | 29.1 | 25.3 | 17.9 | | | |
| 90 | 0.19 | 5.98 | 10.4 | 12.7 | 13.2 | 12.7 | 10.6 | 6.42 | 0.16 | 7.22 | 13.3 | 16.4 | 17.7 | 16.6 | 13.6 | 7.60 | | | |
| 95 | 0.25 | 5.76 | 10.2 | 12.2 | 12.7 | 12.2 | 10.3 | 5.99 | 0.21 | 5.61 | 10.5 | 13.0 | 13.9 | 13.3 | 10.9 | 6.14 | | | |
| 100 | 0.39 | 5.69 | 10.4 | 12.3 | 12.8 | 12.3 | 10.5 | 6.15 | 0.32 | 2.84 | 9.08 | 12.2 | 12.9 | 12.3 | 9.73 | 3.41 | | | |
| 105 | 0.49 | 5.33 | 10.3 | 12.3 | 12.8 | 12.4 | 10.6 | 5.90 | 0.41 | 0.98 | 5.37 | 10.9 | 11.8 | 10.9 | 7.76 | 1.27 | | | |
| 110 | 0.65 | 4.46 | 9.41 | 11.7 | 12.3 | 11.9 | 9.95 | 5.05 | 0.55 | 0.54 | 4.21 | 7.64 | 9.02 | 7.81 | 4.45 | 0.56 | | | |
| 115 | 0.75 | 3.86 | 9.22 | 11.5 | 12.2 | 11.8 | 9.80 | 4.49 | 0.64 | 0.61 | 2.36 | 4.83 | 7.24 | 6.02 | 2.48 | 0.64 | | | |
| 120 | 0.89 | 3.19 | 8.93 | 11.6 | 12.3 | 11.8 | 9.31 | 3.63 | 0.78 | 0.74 | 0.79 | 2.65 | 4.54 | 3.16 | 0.80 | 0.76 | | | |
| 125 | 0.99 | 2.62 | 8.93 | 11.6 | 12.4 | 11.8 | 9.09 | 3.03 | 0.86 | 0.81 | 0.81 | 1.30 | 2.10 | 1.29 | 0.84 | 0.83 | | | |
| 130 | 1.12 | 1.57 | 8.88 | 12.1 | 12.9 | 12.2 | 8.43 | 1.83 | 0.99 | 0.94 | 0.91 | 0.92 | 0.95 | 0.94 | 0.94 | 0.95 | | | |
| 135 | 1.19 | 1.19 | 8.76 | 12.3 | 13.2 | 12.0 | 7.73 | 1.29 | 1.07 | 1.01 | 0.99 | 0.98 | 0.98 | 1.00 | 1.01 | 1.03 | | | |
| 140 | 1.30 | 1.29 | 7.79 | 13.0 | 13.8 | 11.8 | 6.55 | 1.28 | 1.17 | 1.12 | 1.09 | 1.07 | 1.07 | 1.08 | 1.10 | 1.14 | | | |
| 145 | 1.36 | 1.36 | 5.10 | 12.9 | 14.3 | 11.9 | 4.41 | 1.34 | 1.23 | 1.18 | 1.15 | 1.13 | 1.12 | 1.14 | 1.16 | 1.20 | | | |
| 150 | 1.45 | 1.44 | 1.53 | 7.55 | 10.7 | 6.54 | 1.70 | 1.42 | 1.31 | 1.27 | 1.24 | 1.23 | 1.19 | 1.22 | 1.25 | 1.30 | | | |
| 155 | 1.50 | 1.49 | 1.49 | 2.88 | 5.15 | 2.60 | 1.48 | 1.47 | 1.37 | 1.33 | 1.30 | 1.29 | 1.26 | 1.28 | 1.31 | 1.36 | | | |
| 160 | 1.57 | 1.57 | 1.56 | 1.53 | 1.57 | 1.56 | 1.55 | 1.54 | 1.46 | 1.42 | 1.39 | 1.39 | 1.37 | 1.37 | 1.41 | 1.45 | | | |
| 165 | 1.62 | 1.62 | 1.60 | 1.58 | 1.62 | 1.61 | 1.59 | 1.59 | 1.52 | 1.49 | 1.46 | 1.46 | 1.45 | 1.44 | 1.48 | 1.52 | | | |
| 170 | 1.69 | 1.69 | 1.68 | 1.66 | 1.69 | 1.67 | 1.66 | 1.67 | 1.62 | 1.60 | 1.58 | 1.57 | 1.57 | 1.56 | 1.59 | 1.63 | | | |
| 175 | 1.74 | 1.75 | 1.73 | 1.72 | 1.74 | 1.73 | 1.72 | 1.73 | 1.69 | 1.68 | 1.66 | 1.65 | 1.65 | 1.65 | 1.68 | 1.71 | | | |
| 180 | 1.80 | 1.79 | 1.78 | 1.78 | 1.79 | 1.78 | 1.79 | 1.80 | 1.80 | 1.79 | 1.78 | 1.78 | 1.79 | 1.78 | 1.79 | 1.80 | | | |

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Operators:

Test Date:2022-04-15

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