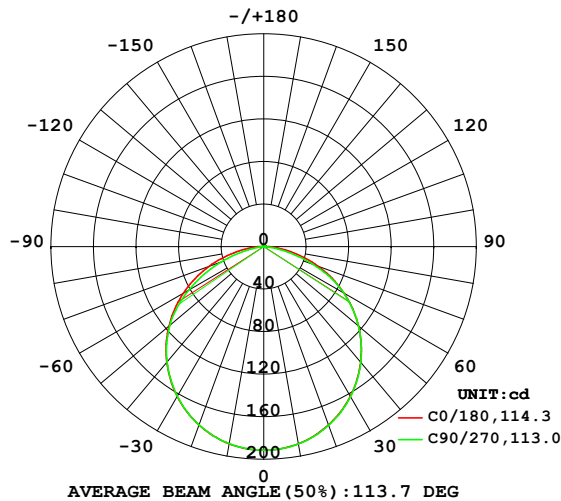


LUMINAIRE PHOTOMETRIC TEST REPORT

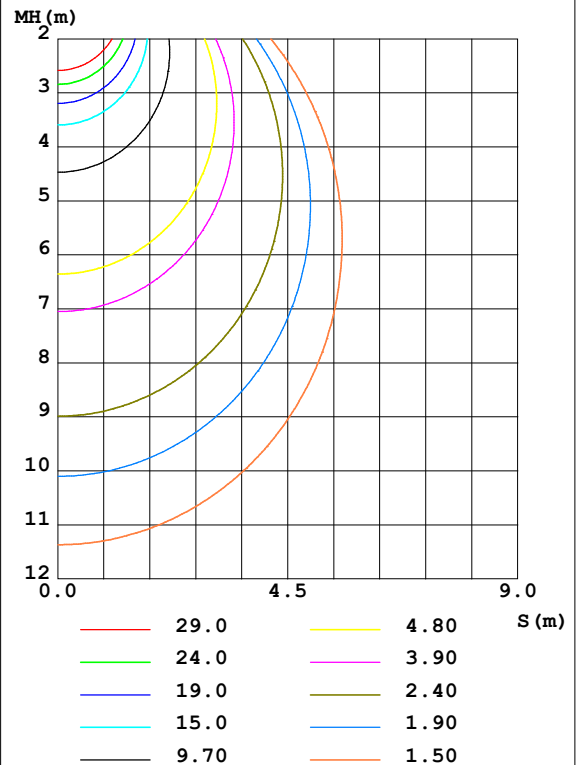
| | | |
|--|------------------|------------------|
| Test:U:23.985V I:0.3987A P:9.5627W PF:1.0000 Freq:0Hz Lamp Flux:560.763x1 lm | | |
| NAME: 016015 | TYPE:016015 | WEIGHT: |
| SPEC.:1000*16*15 | DIM.: 1000*16*15 | SERIAL No.: |
| MFR.: BLUEVISION | SUR.:1000*16 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 58.64 lm/W | | | |
|------------------|---------|----------------------------------|--------|-------------------|----------|
| MODEL | 016015 | I _{max} (cd) | 191.5 | S/MH(C0/180) | 1.26 |
| NOMINAL POWER(W) | 9.56 | LOR(%) | 100.0 | S/MH(C90/270) | 1.26 |
| RATED VOLTAGE(V) | 24 | TOTAL FLUX(lm) | 560.76 | η UP,DN(C0-180) | 0.6,49.7 |
| NOMINAL FLUX(lm) | 560.763 | CIE CLASS | DIRECT | η UP,DN(C180-360) | 0.6,49.0 |
| LAMPS INSIDE | 1 | η up(%) | 1.2 | CIBSE SHR NOM | 1.25 |
| TEST VOLTAGE(V) | 24 | η down(%) | 98.8 | CIBSE SHR MAX | 1.35 |

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:KEVINLI
Test Date:2020-08-13

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.412
Humidity:65.0%
Test Distance:9.650m [K=1.0000]
Remarks: S2835L120Q24NW40K8IP67-12-016015

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

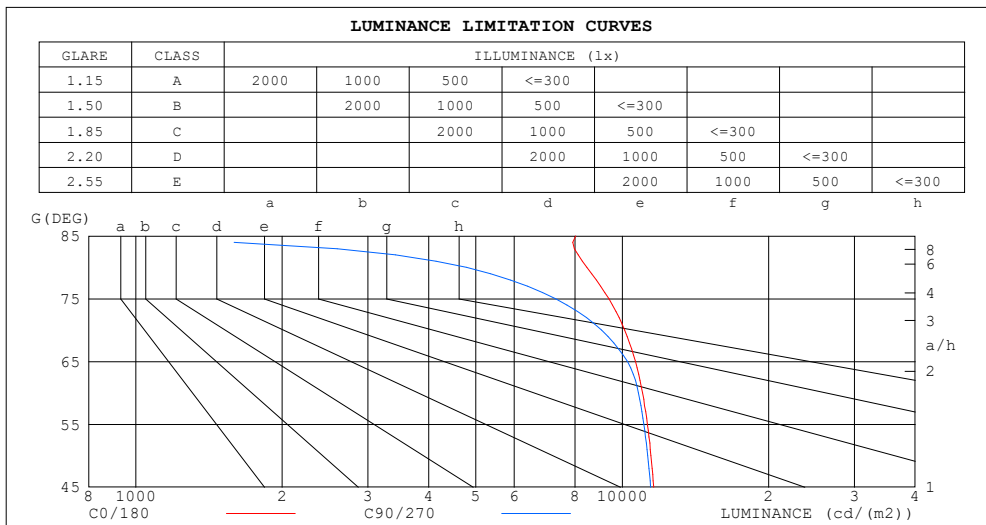
| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum, lamp |
|----------|-----------------------|--------|--------|--------|-------|-------|--------|--------|----------|-------------|--------------|------------|
| 10 | 188.2 | 188.4 | 188.4 | 188.3 | 188.2 | 188.0 | 188.1 | 188.0 | 0- 10 | 18.12 | 18.12 | 3.23,3.23 |
| 20 | 178.4 | 178.8 | 178.8 | 178.7 | 178.4 | 178.1 | 178.3 | 178.3 | 10- 20 | 51.97 | 70.09 | 12.5,12.5 |
| 30 | 162.7 | 163.2 | 163.1 | 163.2 | 162.7 | 162.3 | 162.5 | 162.4 | 20- 30 | 78.97 | 149.1 | 26.6,26.6 |
| 40 | 141.8 | 142.1 | 142.0 | 142.1 | 141.8 | 141.2 | 141.5 | 141.3 | 30- 40 | 95.62 | 244.7 | 43.6,43.6 |
| 50 | 116.4 | 116.7 | 116.4 | 116.7 | 116.5 | 115.5 | 115.2 | 115.6 | 40- 50 | 99.85 | 344.5 | 61.4,61.4 |
| 60 | 86.98 | 87.17 | 86.61 | 87.31 | 87.11 | 86.05 | 80.84 | 86.09 | 50- 60 | 90.87 | 435.4 | 77.6,77.6 |
| 70 | 54.71 | 54.62 | 49.76 | 54.84 | 54.87 | 53.64 | 42.86 | 53.63 | 60- 70 | 69.27 | 504.7 | 90,90 |
| 80 | 23.23 | 22.51 | 13.33 | 22.69 | 23.31 | 21.72 | 9.028 | 21.67 | 70- 80 | 38.69 | 543.3 | 96.9,96.9 |
| 90 | 4.133 | 2.895 | 0.1019 | 2.792 | 3.901 | 2.724 | 0.0573 | 2.798 | 80- 90 | 10.57 | 553.9 | 98.8,98.8 |
| 100 | 1.499 | 1.120 | 0.1780 | 1.029 | 1.253 | 1.094 | 0.2040 | 1.060 | 90-100 | 1.469 | 555.4 | 99,99 |
| 110 | 1.304 | 1.031 | 0.3371 | 0.9963 | 1.153 | 1.050 | 0.3692 | 0.8430 | 100-110 | 0.9755 | 556.4 | 99.2,99.2 |
| 120 | 1.260 | 0.7905 | 0.5279 | 1.009 | 1.172 | 1.050 | 0.5535 | 0.7793 | 110-120 | 0.8835 | 557.2 | 99.4,99.4 |
| 130 | 1.247 | 0.8599 | 0.7503 | 1.105 | 1.235 | 1.094 | 0.7513 | 0.8815 | 120-130 | 0.8457 | 558.1 | 99.5,99.5 |
| 140 | 1.310 | 1.018 | 0.9666 | 1.252 | 1.273 | 1.258 | 0.9861 | 1.047 | 130-140 | 0.8167 | 558.9 | 99.7,99.7 |
| 150 | 1.341 | 1.144 | 1.132 | 1.309 | 1.410 | 1.309 | 1.164 | 1.194 | 140-150 | 0.7500 | 559.7 | 99.8,99.8 |
| 160 | 1.341 | 1.271 | 1.272 | 1.328 | 1.335 | 1.347 | 1.298 | 1.316 | 150-160 | 0.5917 | 560.2 | 99.9,99.9 |
| 170 | 1.379 | 1.372 | 1.368 | 1.367 | 1.435 | 1.423 | 1.406 | 1.405 | 160-170 | 0.3825 | 560.6 | 100,100 |
| 180 | 1.460 | 1.435 | 1.406 | 1.437 | 1.454 | 1.461 | 1.419 | 1.431 | 170-180 | 0.1349 | 560.8 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:KEVINLI
 Test Date:2020-08-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.412
 Humidity:65.0%
 Test Distance:9.650m [K=1.0000]
 Remarks: S2835L120Q24NW40K8IP67-12-016015

LUMINANCE LIMITATION CURVES

| | | |
|--|------------------|------------------|
| Test:U:23.985V I:0.3987A P:9.5627W PF:1.0000 Freq:0Hz Lamp Flux:560.763x1 lm | | |
| NAME: 016015 | TYPE:016015 | WEIGHT: |
| SPEC.:1000*16*15 | DIM.: 1000*16*15 | SERIAL No.: |
| MFR.: BLUEVISION | SUR.:1000*16 | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 8020 | 578 |
| 80 | 8462 | 4783 |
| 75 | 9395 | 7291 |
| 70 | 10119 | 9068 |
| 65 | 10641 | 10249 |
| 60 | 11005 | 10796 |
| 55 | 11270 | 11076 |
| 50 | 11459 | 11285 |
| 45 | 11602 | 11434 |

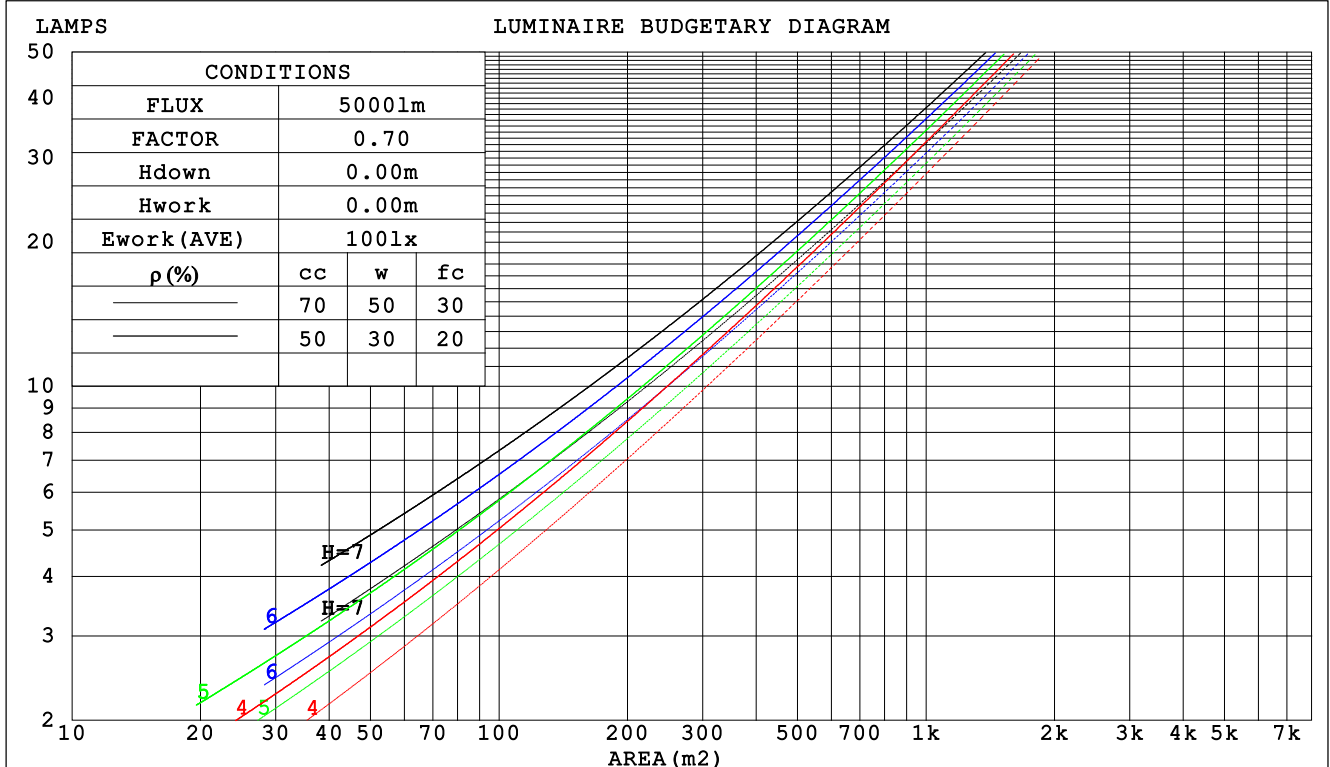
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:KEVINLI
Test Date:2020-08-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.412
Humidity:65.0%
Test Distance:9.650m [K=1.0000]
Remarks: S2835L120Q24NW40K8IP67-12-016015

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|--|------------------|------------------|
| Test:U:23.985V I:0.3987A P:9.5627W PF:1.0000 Freq:0Hz Lamp Flux:560.763x1 lm | | |
| NAME: 016015 | TYPE:016015 | WEIGHT: |
| SPEC.:1000*16*15 | DIM.: 1000*16*15 | SERIAL No.: |
| MFR.: BLUEVISION | SUR.:1000*16 | Shielding Angle: |

| ρ_{cc} | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|-----------------------|---------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
| ρ_w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| ρ_{fc} | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | Coefficients of Utilization(CU) | | | | | | | | | | | | | | | |
| RCR:Room Cavity Ratio | | | | | | | | | | | | | | | | |
| 0.0 | 1.19 | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.10 | 1.10 | 1.10 | 1.05 | 1.05 | 1.05 | 1.01 | 1.01 | 1.01 | .99 |
| 1.0 | 1.04 | .99 | .95 | 1.01 | .97 | .94 | .97 | .93 | .91 | .93 | .90 | .88 | .89 | .87 | .85 | .83 |
| 2.0 | .90 | .83 | .77 | .88 | .82 | .76 | .84 | .79 | .74 | .81 | .76 | .73 | .78 | .74 | .71 | .69 |
| 3.0 | .79 | .71 | .64 | .77 | .70 | .64 | .74 | .68 | .62 | .71 | .66 | .61 | .69 | .64 | .60 | .58 |
| 4.0 | .70 | .61 | .54 | .68 | .60 | .54 | .66 | .59 | .53 | .63 | .57 | .52 | .61 | .56 | .51 | .49 |
| 5.0 | .62 | .53 | .47 | .61 | .53 | .46 | .59 | .51 | .46 | .57 | .50 | .45 | .55 | .49 | .44 | .42 |
| 6.0 | .56 | .47 | .41 | .55 | .47 | .40 | .53 | .46 | .40 | .51 | .45 | .39 | .50 | .44 | .39 | .37 |
| 7.0 | .51 | .42 | .36 | .50 | .42 | .36 | .48 | .41 | .35 | .47 | .40 | .35 | .45 | .39 | .35 | .33 |
| 8.0 | .46 | .38 | .32 | .46 | .37 | .32 | .44 | .37 | .31 | .43 | .36 | .31 | .42 | .35 | .31 | .29 |
| 9.0 | .43 | .34 | .29 | .42 | .34 | .29 | .41 | .33 | .28 | .39 | .33 | .28 | .38 | .32 | .28 | .26 |
| 10.0 | .39 | .31 | .26 | .39 | .31 | .26 | .38 | .31 | .26 | .37 | .30 | .26 | .36 | .30 | .25 | .24 |



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:KEVINLI
Test Date:2020-08-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.412
Humidity:65.0%
Test Distance:9.650m [K=1.0000]
Remarks: S2835L120Q24NW40K8IP67-12-016015

WEC AND CCEC

| | | | | | |
|--|--|--|------------------|--|------------------|
| Test:U:23.985V I:0.3987A P:9.5627W PF:1.0000 Freq:0Hz Lamp Flux:560.763x1 lm | | | | | |
| NAME: 016015 | | | TYPE:016015 | | WEIGHT: |
| SPEC.:1000*16*15 | | | DIM.: 1000*16*15 | | SERIAL No.: |
| MFR.: BLUEVISION | | | SUR.:1000*16 | | Shielding Angle: |

| 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 | .310 | .176 | .056 | .303 | .173 | .055 | .289 | .166 | .053 | .276 | .159 | .051 | .264 | .153 | .049 | | |
| 2.0 | .292 | .160 | .049 | .285 | .157 | .048 | .273 | .152 | .047 | .262 | .147 | .046 | .251 | .142 | .045 | | |
| 3.0 | .270 | .144 | .043 | .264 | .142 | .043 | .253 | .137 | .042 | .243 | .133 | .041 | .234 | .130 | .040 | | |
| 4.0 | .249 | .130 | .038 | .244 | .128 | .038 | .235 | .124 | .037 | .226 | .121 | .037 | .217 | .118 | .036 | | |
| 5.0 | .231 | .118 | .034 | .226 | .116 | .034 | .217 | .113 | .033 | .209 | .110 | .033 | .202 | .108 | .032 | | |
| 6.0 | .214 | .107 | .031 | .210 | .106 | .030 | .202 | .104 | .030 | .195 | .101 | .030 | .188 | .099 | .029 | | |
| 7.0 | .199 | .098 | .028 | .195 | .097 | .028 | .188 | .095 | .027 | .182 | .093 | .027 | .176 | .091 | .027 | | |
| 8.0 | .186 | .091 | .026 | .183 | .090 | .025 | .176 | .088 | .025 | .170 | .086 | .025 | .165 | .085 | .025 | | |
| 9.0 | .174 | .084 | .024 | .171 | .083 | .023 | .166 | .082 | .023 | .160 | .080 | .023 | .155 | .079 | .023 | | |
| 10.0 | .164 | .078 | .022 | .161 | .078 | .022 | .156 | .076 | .022 | .151 | .075 | .021 | .147 | .074 | .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 | .200 | .200 | .200 | .171 | .171 | .171 | .117 | .117 | .117 | .067 | .067 | .067 | .021 | .021 | .021 | |
| 1.0 | .190 | .166 | .144 | .162 | .142 | .124 | .111 | .098 | .086 | .064 | .057 | .050 | .020 | .018 | .016 | |
| 2.0 | .182 | .141 | .107 | .156 | .122 | .093 | .107 | .084 | .065 | .062 | .049 | .038 | .020 | .016 | .012 | |
| 3.0 | .174 | .124 | .084 | .149 | .107 | .073 | .102 | .074 | .051 | .059 | .043 | .030 | .019 | .014 | .010 | |
| 4.0 | .166 | .111 | .068 | .143 | .096 | .059 | .098 | .067 | .041 | .057 | .039 | .025 | .018 | .013 | .008 | |
| 5.0 | .159 | .100 | .057 | .137 | .087 | .049 | .094 | .061 | .035 | .055 | .036 | .021 | .018 | .012 | .007 | |
| 6.0 | .152 | .092 | .049 | .131 | .080 | .042 | .090 | .056 | .030 | .052 | .033 | .018 | .017 | .011 | .006 | |
| 7.0 | .145 | .085 | .043 | .125 | .074 | .037 | .086 | .052 | .026 | .050 | .030 | .016 | .016 | .010 | .005 | |
| 8.0 | .139 | .079 | .038 | .119 | .069 | .033 | .083 | .048 | .024 | .048 | .028 | .014 | .016 | .009 | .005 | |
| 9.0 | .133 | .074 | .035 | .114 | .064 | .030 | .079 | .045 | .022 | .046 | .027 | .013 | .015 | .009 | .004 | |
| 10.0 | .127 | .070 | .032 | .109 | .061 | .028 | .076 | .043 | .020 | .044 | .025 | .012 | .014 | .008 | .004 | |

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:KEVINLI
Test Date:2020-08-13

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.412
Humidity:65.0%
Test Distance:9.650m [K=1.0000]
Remarks: S2835L120Q24NW40K8IP67-12-016015

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|--|------------------|------|------|------|------------------|----------------|------|------------------|------|------|
| Test:U:23.985V I:0.3987A P:9.5627W PF:1.0000 Freq:0Hz Lamp Flux:560.763x1 lm | | | | | | | | | | |
| NAME: 016015 | | | | | TYPE:016015 | | | WEIGHT: | | |
| SPEC.:1000*16*15 | | | | | DIM.: 1000*16*15 | | | SERIAL No.: | | |
| MFR.: BLUEVISION | | | | | SUR.:1000*16 | | | 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 | 23.3 | 24.9 | 23.6 | 25.1 | 25.3 | 23.2 | 24.7 | 23.5 | 25.0 | 25.2 |
| 3H | 24.9 | 26.3 | 25.2 | 26.6 | 26.8 | 24.7 | 26.1 | 25.0 | 26.3 | 26.6 |
| 4H | 25.5 | 26.9 | 25.9 | 27.1 | 27.4 | 25.2 | 26.5 | 25.5 | 26.8 | 27.0 |
| 6H | 26.0 | 27.2 | 26.3 | 27.5 | 27.8 | 25.4 | 26.6 | 25.7 | 26.9 | 27.2 |
| 8H | 26.1 | 27.3 | 26.5 | 27.6 | 27.9 | 25.4 | 26.6 | 25.8 | 26.9 | 27.2 |
| 12H | 26.2 | 27.4 | 26.6 | 27.7 | 28.0 | 25.3 | 26.5 | 25.7 | 26.8 | 27.2 |
| 4H 2H | 24.0 | 25.3 | 24.3 | 25.6 | 25.8 | 23.9 | 25.2 | 24.2 | 25.5 | 25.8 |
| 3H | 25.7 | 26.9 | 26.1 | 27.2 | 27.5 | 25.5 | 26.7 | 25.9 | 27.0 | 27.3 |
| 4H | 26.5 | 27.5 | 26.8 | 27.9 | 28.2 | 26.1 | 27.2 | 26.5 | 27.5 | 27.9 |
| 6H | 27.0 | 28.0 | 27.4 | 28.3 | 28.7 | 26.5 | 27.4 | 26.9 | 27.8 | 28.2 |
| 8H | 27.2 | 28.1 | 27.7 | 28.5 | 28.9 | 26.5 | 27.4 | 27.0 | 27.8 | 28.2 |
| 12H | 27.4 | 28.2 | 27.8 | 28.6 | 29.0 | 26.5 | 27.3 | 27.0 | 27.7 | 28.2 |
| 8H 4H | 26.7 | 27.6 | 27.1 | 28.0 | 28.4 | 26.4 | 27.3 | 26.9 | 27.7 | 28.1 |
| 6H | 27.4 | 28.2 | 27.9 | 28.6 | 29.0 | 26.9 | 27.7 | 27.4 | 28.1 | 28.5 |
| 8H | 27.7 | 28.4 | 28.2 | 28.8 | 29.3 | 27.1 | 27.7 | 27.6 | 28.2 | 28.7 |
| 12H | 27.9 | 28.5 | 28.4 | 29.0 | 29.5 | 27.1 | 27.7 | 27.6 | 28.1 | 28.6 |
| 12H 4H | 26.7 | 27.5 | 27.2 | 27.9 | 28.3 | 26.4 | 27.2 | 26.9 | 27.7 | 28.1 |
| 6H | 27.5 | 28.1 | 27.9 | 28.6 | 29.0 | 27.0 | 27.7 | 27.5 | 28.1 | 28.6 |
| 8H | 27.8 | 28.4 | 28.3 | 28.8 | 29.3 | 27.2 | 27.7 | 27.7 | 28.2 | 28.7 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 0.1 / - 0.2 | | | | | + 0.2 / - 0.2 | | | | |
| 1.5H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | |
| 2.0H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.4 | | | | |

CIE Pub.117, 560.8 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.0)
Area: 0.016 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:KEVINLI
Test Date:2020-08-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.412
Humidity:65.0%
Test Distance:9.650m [K=1.0000]
Remarks: S2835L120Q24NW40K8IP67-12-016015

UTILIZATION FACTORS TABLE

| | | |
|--|------------------|------------------|
| Test:U:23.985V I:0.3987A P:9.5627W PF:1.0000 Freq:0Hz Lamp Flux:560.763x1 lm | | |
| NAME: 016015 | TYPE:016015 | WEIGHT: |
| SPEC.:1000*16*15 | DIM.: 1000*16*15 | SERIAL No.: |
| MFR.: BLUEVISION | SUR.:1000*16 | Shielding Angle: |

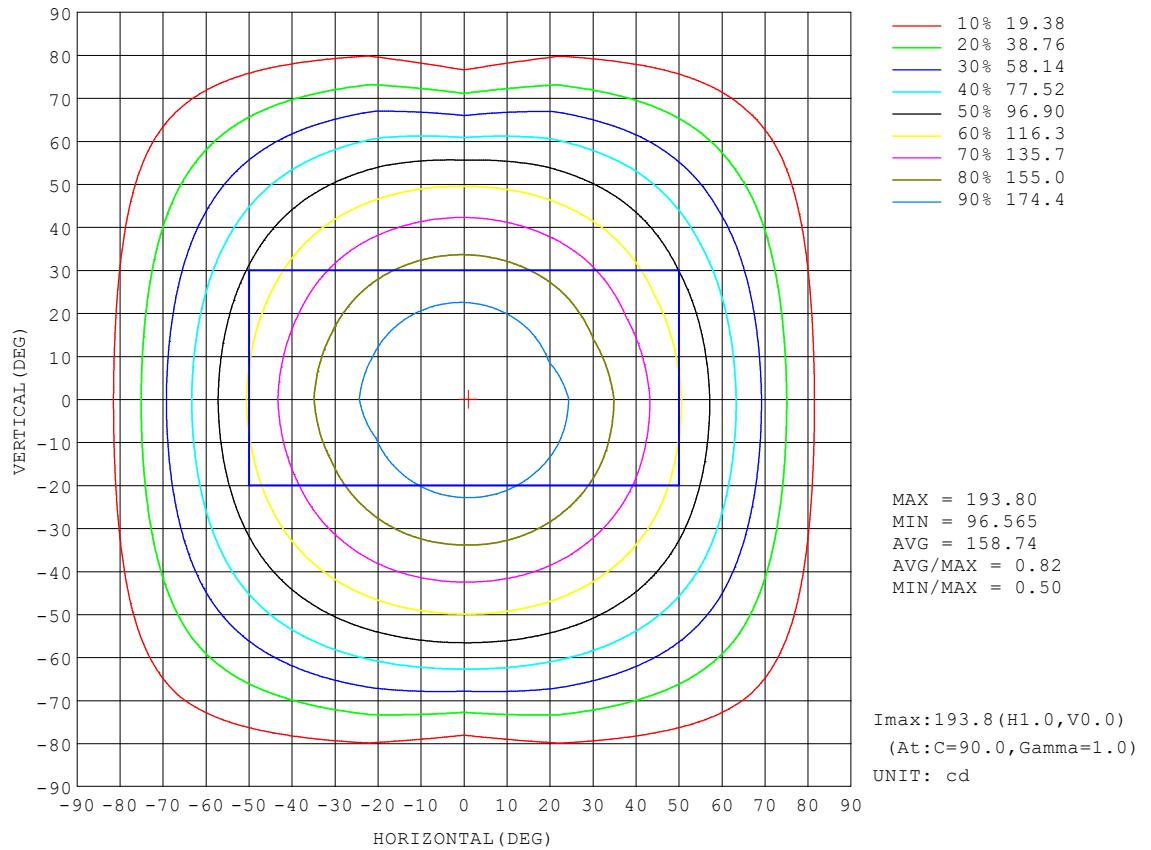
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|-----|--------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 57 | 45 | 38 | 56 | 45 | 38 | 55 | 44 | 38 | 31 |
| 0.80 | 67 | 55 | 48 | 66 | 55 | 48 | 64 | 54 | 47 | 40 |
| 1.00 | 75 | 64 | 57 | 74 | 64 | 57 | 72 | 65 | 56 | 49 |
| 1.25 | 82 | 72 | 65 | 81 | 71 | 64 | 78 | 70 | 63 | 56 |
| 1.50 | 88 | 78 | 70 | 86 | 77 | 70 | 83 | 75 | 69 | 61 |
| 2.00 | 94 | 86 | 79 | 93 | 85 | 78 | 89 | 82 | 77 | 69 |
| 2.50 | 98 | 91 | 84 | 96 | 89 | 83 | 92 | 86 | 81 | 73 |
| 3.00 | 102 | 95 | 89 | 100 | 93 | 88 | 95 | 90 | 86 | 77 |
| 4.00 | 106 | 100 | 95 | 103 | 98 | 94 | 99 | 95 | 91 | 82 |
| 5.00 | 108 | 103 | 99 | 106 | 101 | 98 | 101 | 97 | 94 | 85 |
| ROOM INDEX | UF (total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHRNM = 1.25 | | |

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:KEVINLI
Test Date:2020-08-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.412
Humidity:65.0%
Test Distance:9.650m [K=1.0000]
Remarks: S2835L120Q24NW40K8IP67-12-016015

ISOCANDELA DIAGRAM

| | | |
|--|------------------|------------------|
| Test:U:23.985V I:0.3987A P:9.5627W PF:1.0000 Freq:0Hz Lamp Flux:560.763x1 lm | | |
| NAME: 016015 | TYPE:016015 | WEIGHT: |
| SPEC.:1000*16*15 | DIM.: 1000*16*15 | SERIAL No.: |
| MFR.: BLUEVISION | SUR.:1000*16 | Shielding Angle: |

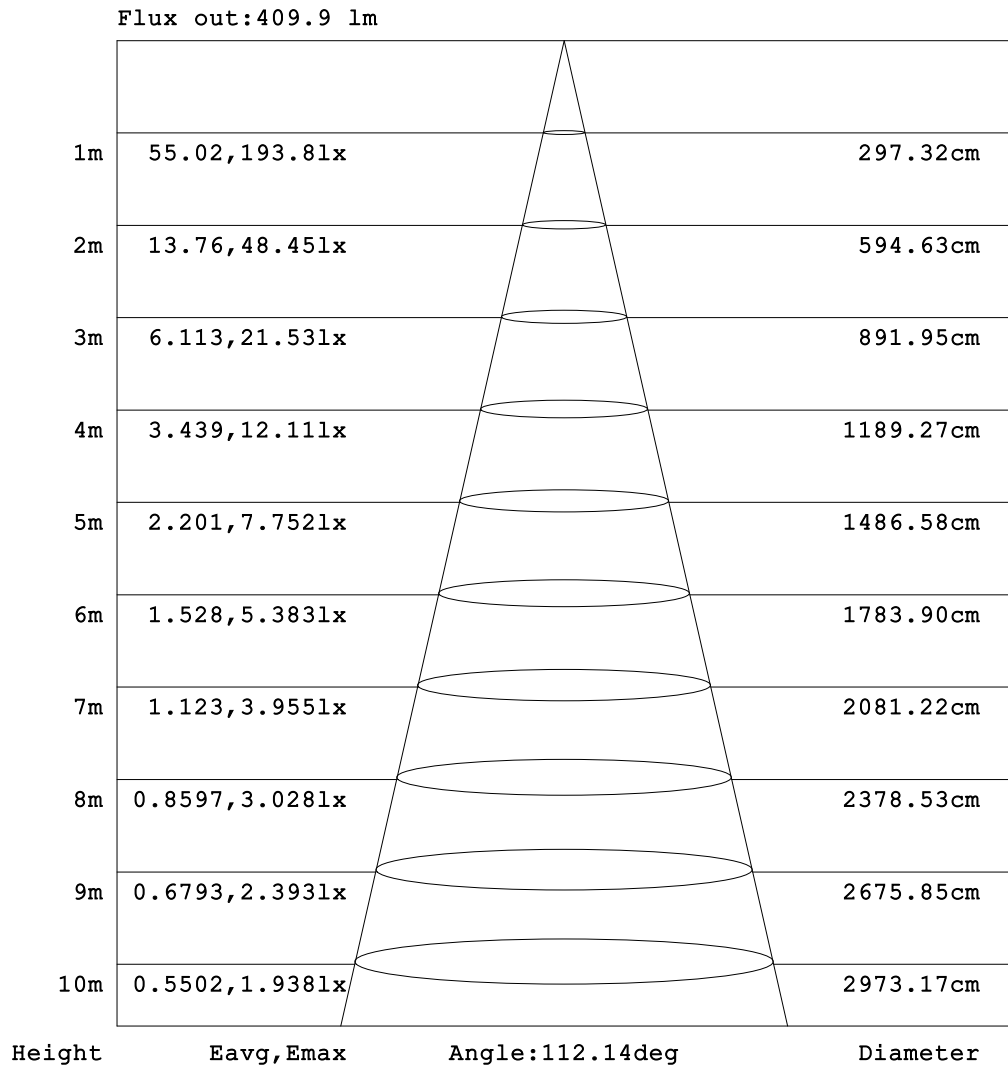


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:KEVINLI
Test Date:2020-08-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.412
Humidity:65.0%
Test Distance:9.650m [K=1.0000]
Remarks: S2835L120Q24NW40K8IP67-12-016015

AAI Figure

| | | |
|--|------------------|------------------|
| Test:U:23.985V I:0.3987A P:9.5627W PF:1.0000 Freq:0Hz Lamp Flux:560.763x1 lm | | |
| NAME: 016015 | TYPE:016015 | WEIGHT: |
| SPEC.:1000*16*15 | DIM.: 1000*16*15 | SERIAL No.: |
| MFR.: BLUEVISION | SUR.:1000*16 | Shielding Angle: |



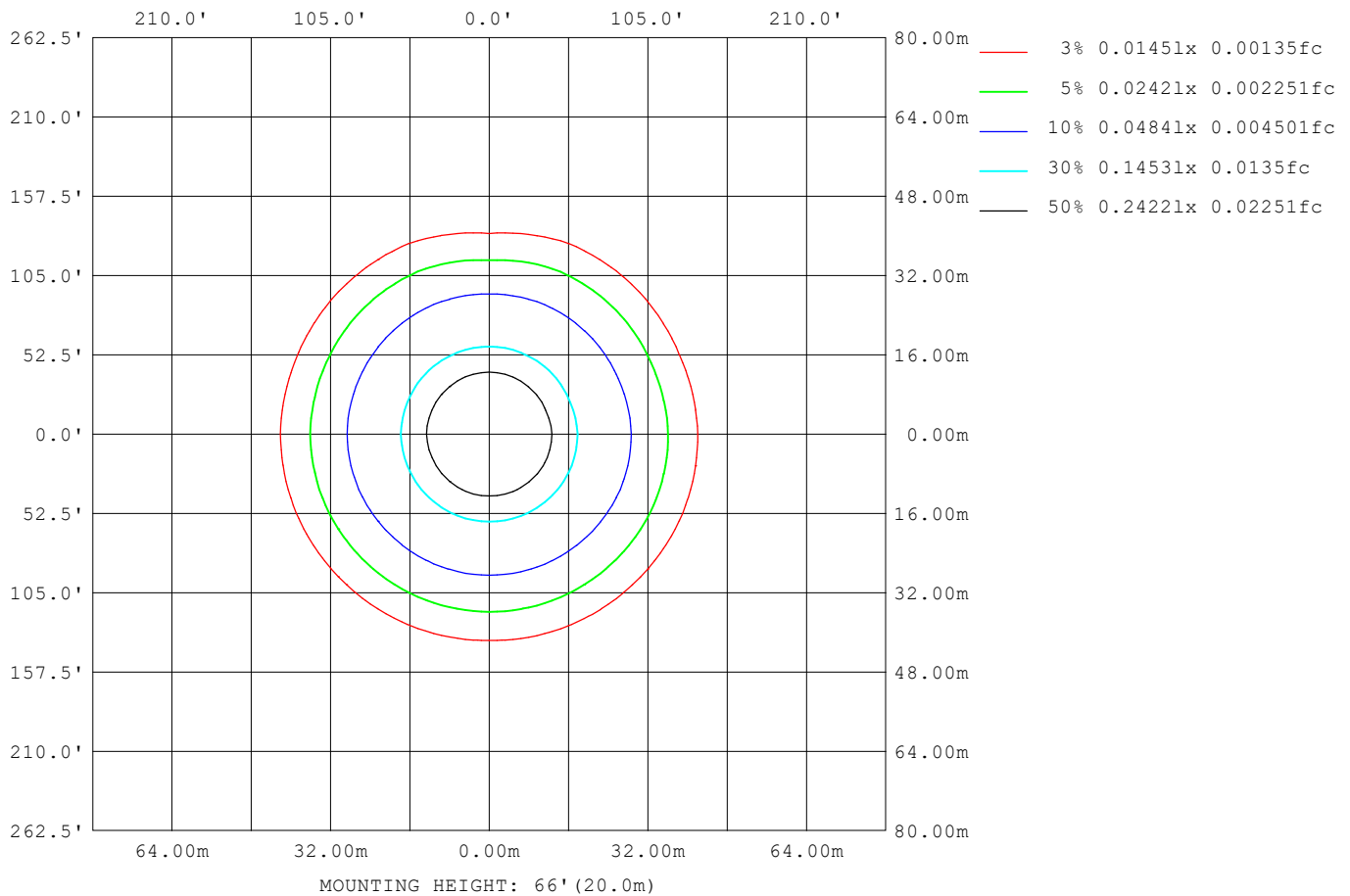
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:KEVINLI
Test Date:2020-08-13

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.412
Humidity:65.0%
Test Distance:9.650m [K=1.0000]
Remarks: S2835L120Q24NW40K8IP67-12-016015

ISOLUX DIAGRAM

| | | |
|--|------------------|------------------|
| Test:U:23.985V I:0.3987A P:9.5627W PF:1.0000 Freq:0Hz Lamp Flux:560.763x1 lm | | |
| NAME: 016015 | TYPE:016015 | WEIGHT: |
| SPEC.:1000*16*15 | DIM.: 1000*16*15 | SERIAL No.: |
| MFR.: BLUEVISION | SUR.:1000*16 | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:KEVINLI
Test Date:2020-08-13

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.412
Humidity:65.0%
Test Distance:9.650m [K=1.0000]
Remarks: S2835L120Q24NW40K8IP67-12-016015

LED Avg.L Report

| | | |
|--|------------------|------------------|
| Test:U:23.985V I:0.3987A P:9.5627W PF:1.0000 Freq:0Hz Lamp Flux:560.763x1 lm | | |
| NAME: 016015 | TYPE:016015 | WEIGHT: |
| SPEC.:1000*16*15 | DIM.: 1000*16*15 | SERIAL No.: |
| MFR.: BLUEVISION | SUR.:1000*16 | Shielding Angle: |

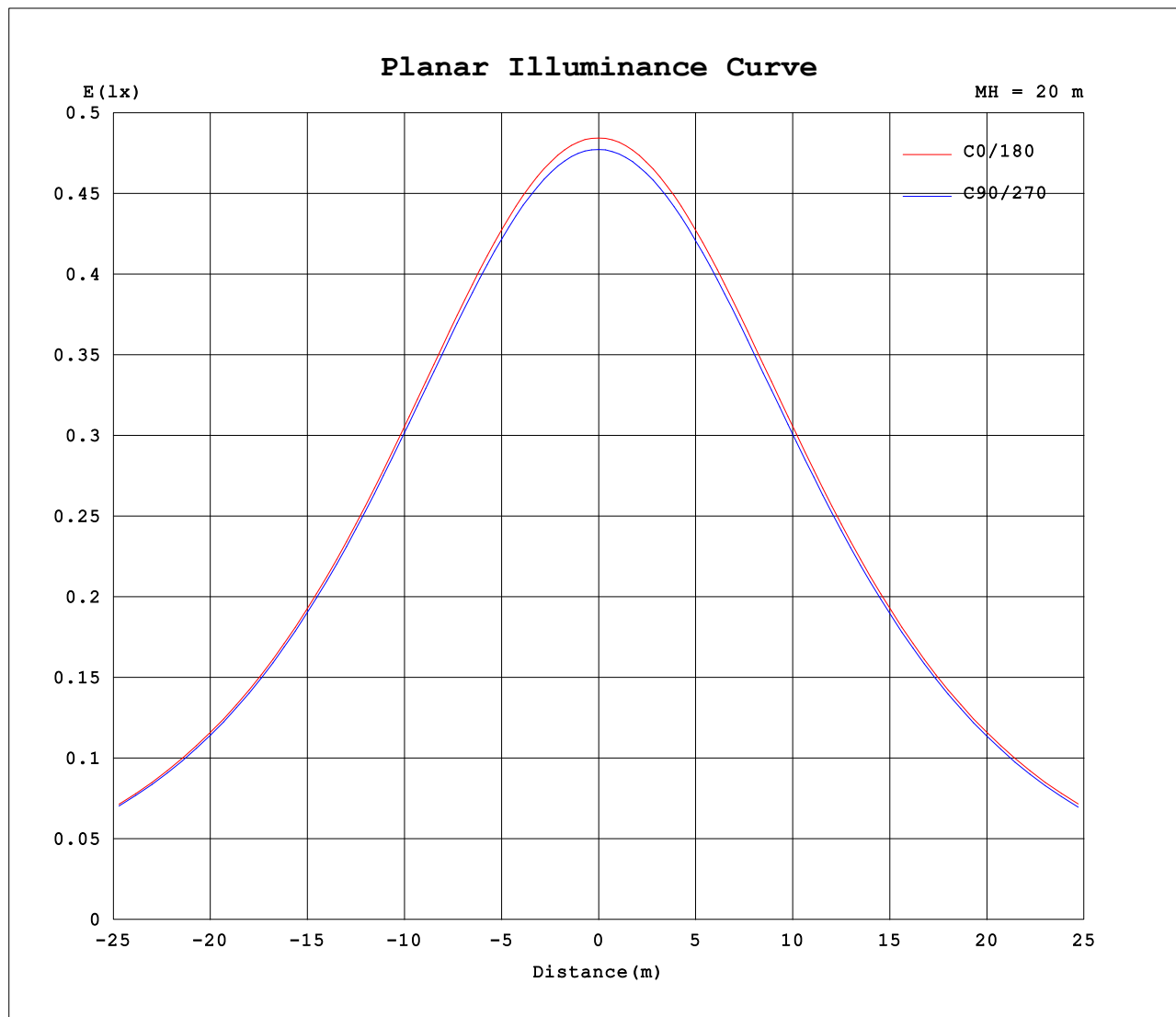
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 10525 |
| L_0~180 (75) av | 9298 |
| L_0~180 (85) av | 7927 |
| L_90~270 (65) av | 9713 |
| L_90~270 (75) av | 6632 |
| L_90~270 (85) av | 381 |
| L_45 (65) av | 10455 |
| L_45 (75) av | 9101 |
| L_45 (85) av | 6879 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:KEVINLI
 Test Date:2020-08-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.412
 Humidity:65.0%
 Test Distance:9.650m [K=1.0000]
 Remarks: S2835L120Q24NW40K8IP67-12-016015

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: KEVINLI
Test Date: 2020-08-13

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.412
Humidity: 65.0%
Test Distance: 9.650m [K=1.0000]
Remarks: S2835L120Q24NW40K8IP67-12-016015

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|------------------|------------------|
| Test:U:23.985V I:0.3987A P:9.5627W PF:1.0000 Freq:0Hz Lamp Flux:560.763x1 lm | | |
| NAME: 016015 | TYPE:016015 | WEIGHT: |
| SPEC.:1000*16*15 | DIM.: 1000*16*15 | SERIAL No.: |
| MFR.: BLUEVISION | SUR.:1000*16 | Shielding Angle: |

Table--1

UNIT: cd

| C (DEG) γ (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 | 191 | 191 | 191 | 191 | 191 | 191 | 191 | 191 | 191 | 191 | 191 | 191 | 191 | 191 | 191 | 191 | | | |
| 5 | 191 | 191 | 191 | 191 | 191 | 191 | 191 | 191 | 191 | 191 | 191 | 191 | 191 | 191 | 191 | 191 | | | |
| 10 | 188 | 189 | 188 | 188 | 188 | 188 | 188 | 188 | 188 | 188 | 188 | 188 | 188 | 188 | 188 | 188 | | | |
| 15 | 184 | 185 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | 184 | | | |
| 20 | 178 | 179 | 179 | 179 | 179 | 179 | 179 | 179 | 178 | 178 | 178 | 178 | 178 | 178 | 178 | 178 | | | |
| 25 | 171 | 172 | 172 | 172 | 172 | 172 | 172 | 172 | 171 | 171 | 171 | 171 | 171 | 171 | 171 | 171 | | | |
| 30 | 163 | 163 | 163 | 163 | 163 | 163 | 163 | 163 | 163 | 162 | 162 | 162 | 163 | 162 | 162 | 162 | | | |
| 35 | 153 | 154 | 153 | 153 | 153 | 153 | 153 | 154 | 153 | 152 | 152 | 152 | 153 | 152 | 152 | 152 | | | |
| 40 | 142 | 143 | 142 | 142 | 142 | 142 | 142 | 143 | 142 | 141 | 141 | 141 | 141 | 141 | 141 | 141 | | | |
| 45 | 130 | 130 | 130 | 130 | 130 | 130 | 130 | 131 | 130 | 129 | 129 | 129 | 129 | 129 | 129 | 128 | | | |
| 50 | 116 | 117 | 117 | 117 | 116 | 117 | 117 | 118 | 117 | 115 | 116 | 115 | 115 | 116 | 116 | 115 | | | |
| 55 | 102 | 103 | 102 | 102 | 102 | 102 | 102 | 103 | 102 | 101 | 101 | 101 | 99.2 | 101 | 101 | 101 | | | |
| 60 | 87.0 | 87.9 | 87.2 | 86.8 | 86.6 | 86.8 | 87.3 | 88.3 | 87.1 | 85.9 | 86.1 | 85.8 | 80.8 | 85.9 | 86.1 | 85.6 | | | |
| 65 | 71.1 | 72.0 | 71.2 | 70.8 | 69.5 | 70.8 | 71.3 | 72.5 | 71.3 | 70.0 | 70.1 | 69.8 | 61.9 | 69.9 | 70.2 | 69.6 | | | |
| 70 | 54.7 | 55.6 | 54.6 | 54.1 | 49.8 | 54.1 | 54.8 | 56.1 | 54.9 | 53.6 | 53.6 | 53.3 | 42.9 | 53.3 | 53.6 | 53.2 | | | |
| 75 | 38.4 | 39.3 | 38.1 | 37.4 | 30.3 | 37.4 | 38.3 | 39.8 | 38.6 | 37.3 | 37.2 | 36.6 | 24.7 | 36.7 | 37.2 | 36.9 | | | |
| 80 | 23.2 | 23.8 | 22.5 | 21.4 | 13.3 | 21.4 | 22.7 | 24.3 | 23.3 | 22.2 | 21.7 | 21.0 | 9.03 | 21.0 | 21.7 | 21.7 | | | |
| 85 | 11.0 | 11.3 | 9.80 | 8.37 | 0.81 | 8.34 | 9.87 | 11.5 | 11.1 | 10.1 | 9.36 | 8.16 | 0.25 | 8.03 | 9.34 | 9.88 | | | |
| 90 | 4.13 | 4.08 | 2.90 | 1.51 | 0.10 | 1.46 | 2.79 | 4.01 | 3.90 | 3.43 | 2.72 | 1.77 | 0.06 | 1.49 | 2.80 | 3.52 | | | |
| 95 | 1.92 | 1.78 | 1.33 | 0.63 | 0.10 | 0.62 | 1.20 | 1.59 | 1.63 | 1.56 | 1.27 | 1.03 | 0.10 | 0.65 | 1.30 | 1.71 | | | |
| 100 | 1.50 | 1.36 | 1.12 | 0.61 | 0.18 | 0.62 | 1.03 | 1.21 | 1.25 | 1.28 | 1.09 | 0.95 | 0.20 | 0.61 | 1.06 | 1.39 | | | |
| 105 | 1.36 | 1.23 | 1.06 | 0.62 | 0.25 | 0.66 | 1.00 | 1.16 | 1.15 | 1.20 | 1.05 | 0.84 | 0.28 | 0.57 | 0.96 | 1.28 | | | |
| 110 | 1.30 | 1.18 | 1.03 | 0.54 | 0.34 | 0.72 | 1.00 | 1.16 | 1.15 | 1.17 | 1.05 | 0.72 | 0.37 | 0.51 | 0.84 | 1.21 | | | |
| 115 | 1.28 | 1.16 | 0.83 | 0.56 | 0.43 | 0.78 | 1.00 | 1.16 | 1.15 | 1.15 | 1.05 | 0.70 | 0.46 | 0.49 | 0.77 | 1.11 | | | |
| 120 | 1.26 | 1.16 | 0.79 | 0.65 | 0.53 | 0.85 | 1.01 | 1.19 | 1.17 | 1.15 | 1.05 | 0.70 | 0.55 | 0.54 | 0.78 | 1.11 | | | |
| 125 | 1.25 | 1.06 | 0.79 | 0.74 | 0.64 | 0.92 | 1.06 | 1.23 | 1.20 | 1.14 | 1.07 | 0.76 | 0.65 | 0.62 | 0.82 | 1.05 | | | |
| 130 | 1.25 | 1.08 | 0.86 | 0.82 | 0.75 | 1.00 | 1.10 | 1.28 | 1.23 | 1.15 | 1.09 | 0.84 | 0.75 | 0.72 | 0.88 | 1.02 | | | |
| 135 | 1.25 | 1.10 | 0.94 | 0.91 | 0.85 | 1.08 | 1.18 | 1.32 | 1.28 | 1.22 | 1.16 | 0.91 | 0.86 | 0.81 | 0.96 | 1.02 | | | |
| 140 | 1.31 | 1.17 | 1.02 | 1.01 | 0.97 | 1.15 | 1.25 | 1.41 | 1.27 | 1.32 | 1.26 | 0.98 | 0.99 | 0.94 | 1.05 | 1.09 | | | |
| 145 | 1.34 | 1.21 | 1.08 | 1.14 | 1.06 | 1.19 | 1.29 | 1.41 | 1.41 | 1.36 | 1.30 | 1.06 | 1.07 | 1.03 | 1.12 | 1.14 | | | |
| 150 | 1.34 | 1.27 | 1.14 | 1.21 | 1.13 | 1.24 | 1.31 | 1.41 | 1.41 | 1.38 | 1.31 | 1.11 | 1.16 | 1.10 | 1.19 | 1.18 | | | |
| 155 | 1.34 | 1.30 | 1.23 | 1.26 | 1.20 | 1.28 | 1.32 | 1.40 | 1.40 | 1.38 | 1.34 | 1.18 | 1.23 | 1.17 | 1.26 | 1.22 | | | |
| 160 | 1.34 | 1.35 | 1.27 | 1.33 | 1.27 | 1.35 | 1.33 | 1.40 | 1.34 | 1.38 | 1.35 | 1.24 | 1.30 | 1.24 | 1.32 | 1.26 | | | |
| 165 | 1.34 | 1.39 | 1.32 | 1.37 | 1.32 | 1.39 | 1.34 | 1.41 | 1.39 | 1.38 | 1.37 | 1.29 | 1.35 | 1.29 | 1.36 | 1.30 | | | |
| 170 | 1.38 | 1.44 | 1.37 | 1.42 | 1.37 | 1.42 | 1.37 | 1.43 | 1.44 | 1.38 | 1.42 | 1.35 | 1.41 | 1.36 | 1.41 | 1.37 | | | |
| 175 | 1.43 | 1.45 | 1.40 | 1.45 | 1.39 | 1.42 | 1.41 | 1.44 | 1.45 | 1.40 | 1.46 | 1.39 | 1.42 | 1.38 | 1.43 | 1.39 | | | |
| 180 | 1.46 | 1.45 | 1.44 | 1.45 | 1.41 | 1.42 | 1.44 | 1.44 | 1.45 | 1.44 | 1.46 | 1.42 | 1.42 | 1.43 | 1.43 | 1.43 | | | |

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:KEVINLI
Test Date:2020-08-13

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.412
Humidity:65.0%
Test Distance:9.650m [K=1.0000]
Remarks: S2835L120Q24NW40K8IP67-12-016015