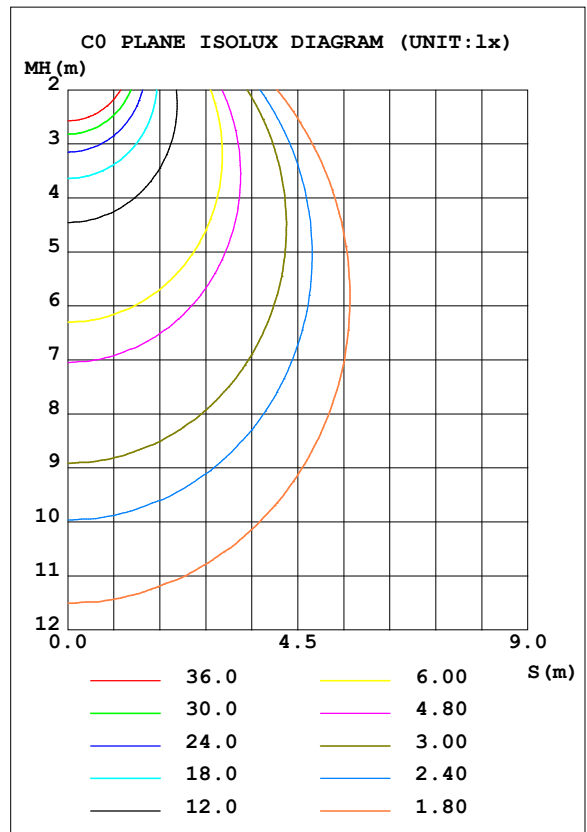
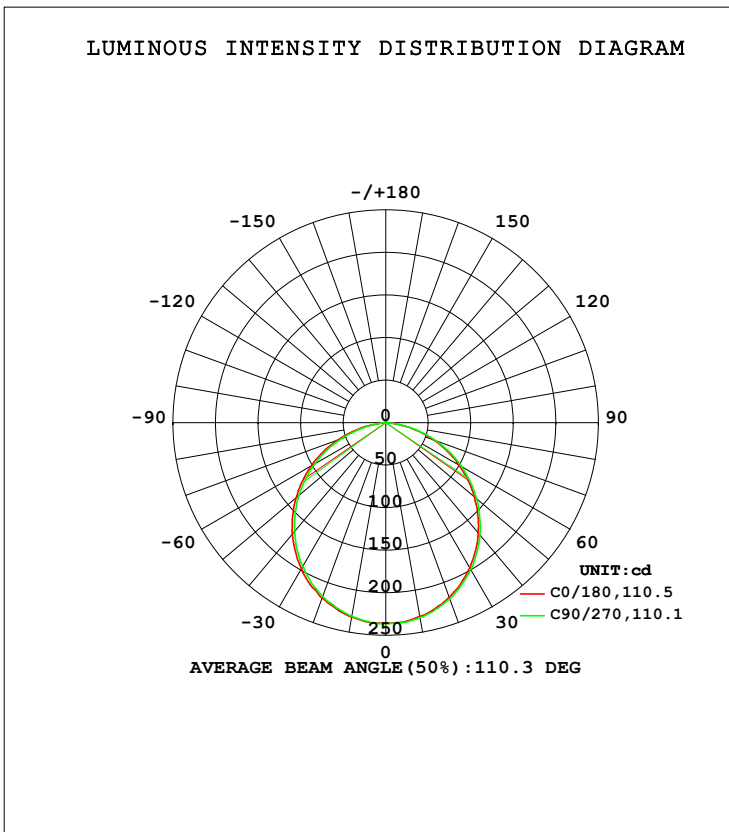


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|--|-------|------------------|
| Test:U:119.97V I:0.1184A P:8.9189W PF:0.8960 Freq:59.98Hz Lamp Flux:649.223x1 lm | | |
| NAME: LED-S9W-5CCTWH-SQ | TYPE: | WEIGHT: |
| SPEC.:2700K 80 | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 72.79 lm/W | | | |
|-------------------|---------|-----------------------------------|--------|--|-----------|
| MODEL | | Imax (cd) | 236.5 | S/MH (C0/180) | 1.25 |
| NOMINAL POWER (W) | 9 | LOR (%) | 100.0 | S/MH (C90/270) | 1.24 |
| RATED VOLTAGE (V) | 120 | TOTAL FLUX (lm) | 649.22 | <input type="checkbox"/> UP, DN (C0-180) | 0.0, 50.9 |
| NOMINAL FLUX (lm) | 649.223 | CIE CLASS | DIRECT | <input type="checkbox"/> UP, DN (C180-360) | 0.0, 49.1 |
| LAMPS INSIDE | 1 | <input type="checkbox"/> up (%) | 0.0 | CIBSE SHR NOM | 1.25 |
| TEST VOLTAGE (V) | 120 | <input type="checkbox"/> down (%) | 100.0 | CIBSE SHR MAX | 1.35 |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-12-30

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
 Humidity: 65.0%
 Test Distance: 3.080m [K=1.0000]
 Remarks: PORTER

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

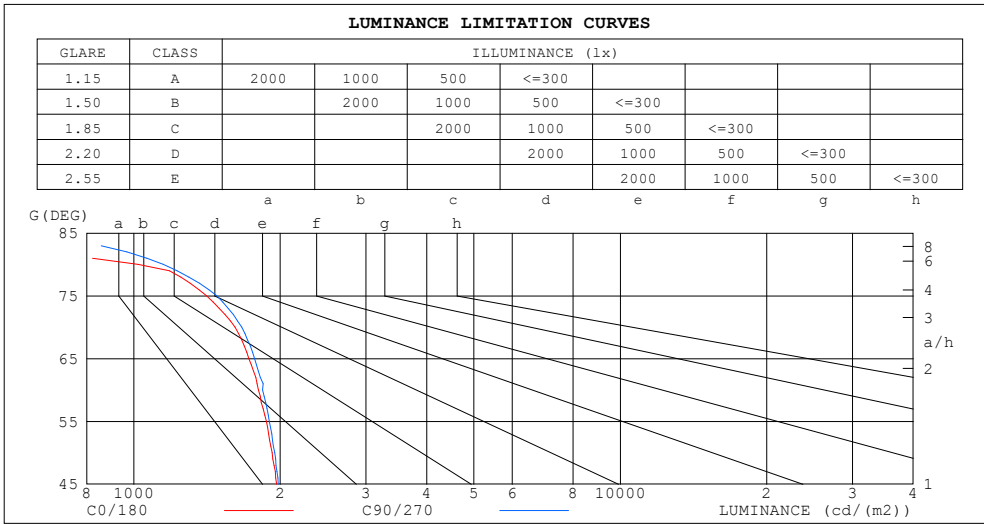
| mm | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | mm | □ zone | □ total | %lum, lamp |
|-----|-----------------------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|------------|
| 10 | 231.1 | 232.2 | 232.6 | 231.6 | 231.9 | 231.3 | 231.2 | 230.6 | 0- 10 | 22.33 | 22.33 | 3.44,3.44 |
| 20 | 218.4 | 219.6 | 220.5 | 219.4 | 219.3 | 217.7 | 217.4 | 217.3 | 10- 20 | 63.81 | 86.14 | 13.3,13.3 |
| 30 | 197.2 | 198.6 | 199.8 | 198.6 | 198.1 | 196.4 | 195.3 | 195.5 | 20- 30 | 96.32 | 182.5 | 28.1,28.1 |
| 40 | 169.4 | 171.1 | 172.1 | 171.0 | 171.0 | 168.0 | 166.9 | 167.3 | 30- 40 | 115.3 | 297.7 | 45.9,45.9 |
| 50 | 136.3 | 138.0 | 139.5 | 138.4 | 137.8 | 134.4 | 133.2 | 133.4 | 40- 50 | 118.4 | 416.1 | 64.1,64.1 |
| 60 | 99.26 | 101.0 | 102.5 | 101.2 | 100.6 | 97.01 | 96.31 | 96.28 | 50- 60 | 105.6 | 521.7 | 80.4,80.4 |
| 70 | 60.78 | 62.36 | 63.47 | 62.65 | 60.74 | 57.75 | 55.87 | 57.56 | 60- 70 | 79.07 | 600.7 | 92.5,92.5 |
| 80 | 19.52 | 23.83 | 22.23 | 23.10 | 19.70 | 18.55 | 15.28 | 18.21 | 70- 80 | 41.87 | 642.6 | 99,99 |
| 90 | 0.1052 | 0.1086 | 0.0904 | 0.1038 | 0.1793 | 0.1901 | 0.1908 | 0.1933 | 80- 90 | 6.618 | 649.2 | 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 | | |

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-12-30

□ Range: 0 - 90DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:3.080m [K=1.0000]
 Remarks: PORTER

LUMINANCE LIMITATION CURVES

| | | |
|--|-------|------------------|
| Test:U:119.97V I:0.1184A P:8.9189W PF:0.8960 Freq:59.98Hz Lamp Flux:649.223x1 lm | | |
| NAME: LED-S9W-5CCTWH-SQ | TYPE: | WEIGHT: |
| SPEC.:2700K 80 | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 469 | 551 |
| 80 | 1021 | 1149 |
| 75 | 1411 | 1480 |
| 70 | 1614 | 1666 |
| 65 | 1724 | 1770 |
| 60 | 1803 | 1839 |
| 55 | 1872 | 1898 |
| 50 | 1925 | 1947 |
| 45 | 1966 | 1982 |

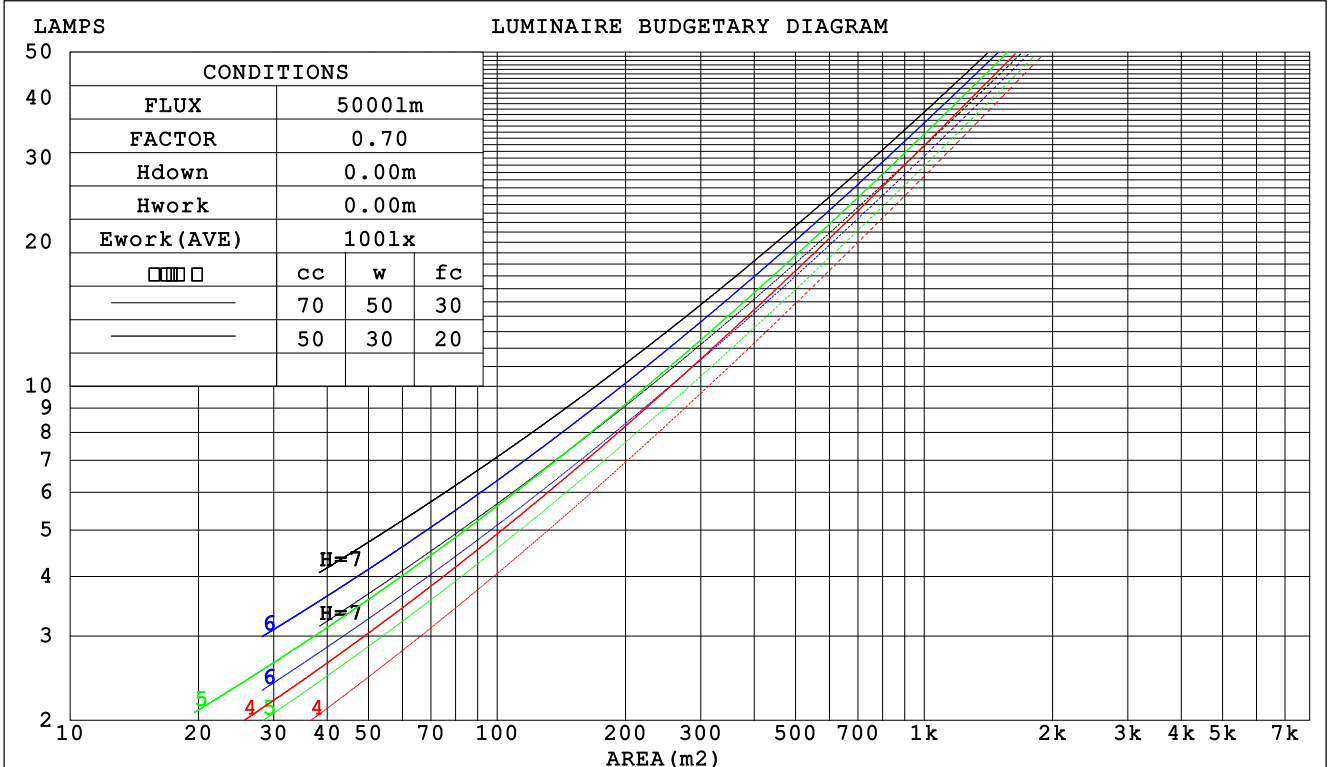
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-12-30

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:3.080m [K=1.0000]
 Remarks: PORTER

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|--|-------|------------------|
| Test:U:119.97V I:0.1184A P:8.9189W PF:0.8960 Freq:59.98Hz Lamp Flux:649.223x1 lm | | |
| NAME: LED-S9W-5CCTWH-SQ | TYPE: | WEIGHT: |
| SPEC.:2700K 80 | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | 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 | | | | | | 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 | .00 |
| 1.0 | 1.05 | 1.00 | .97 | 1.02 | .98 | .95 | .98 | .95 | .92 | .94 | .92 | .89 | .91 | .89 | .87 | .85 |
| 2.0 | .91 | .85 | .79 | .89 | .83 | .78 | .86 | .81 | .76 | .83 | .78 | .74 | .80 | .76 | .73 | .71 |
| 3.0 | .80 | .72 | .66 | .79 | .71 | .65 | .76 | .69 | .64 | .73 | .67 | .63 | .70 | .66 | .62 | .60 |
| 4.0 | .71 | .62 | .56 | .70 | .62 | .55 | .67 | .60 | .55 | .65 | .59 | .54 | .63 | .57 | .53 | .51 |
| 5.0 | .63 | .55 | .48 | .62 | .54 | .48 | .60 | .53 | .47 | .58 | .52 | .47 | .56 | .51 | .46 | .44 |
| 6.0 | .57 | .48 | .42 | .56 | .48 | .42 | .54 | .47 | .41 | .53 | .46 | .41 | .51 | .45 | .41 | .39 |
| 7.0 | .52 | .43 | .37 | .51 | .43 | .37 | .49 | .42 | .37 | .48 | .41 | .36 | .47 | .41 | .36 | .34 |
| 8.0 | .47 | .39 | .33 | .47 | .39 | .33 | .45 | .38 | .33 | .44 | .37 | .32 | .43 | .37 | .32 | .30 |
| 9.0 | .43 | .35 | .30 | .43 | .35 | .30 | .42 | .34 | .29 | .41 | .34 | .29 | .40 | .34 | .29 | .27 |
| 10.0 | .40 | .32 | .27 | .40 | .32 | .27 | .39 | .32 | .27 | .38 | .31 | .27 | .37 | .31 | .26 | .25 |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-12-30

□ Range: 0 - 90DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:3.080m [K=1.0000]
 Remarks: PORTER

WEC AND CCEC

| | | |
|--|-------|------------------|
| Test:U:119.97V I:0.1184A P:8.9189W PF:0.8960 Freq:59.98Hz Lamp Flux:649.223x1 lm | | |
| NAME: LED-S9W-5CCTWH-SQ | TYPE: | WEIGHT: |
| SPEC.:2700K 80 | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | 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 | .297 | .169 | .054 | .290 | .166 | .053 | .277 | .159 | .051 | .265 | .153 | .049 | .254 | .147 | .047 | |
| 2.0 | .284 | .156 | .048 | .278 | .153 | .047 | .266 | .148 | .046 | .256 | .143 | .045 | .246 | .139 | .044 | |
| 3.0 | .265 | .141 | .042 | .259 | .139 | .042 | .249 | .135 | .041 | .239 | .131 | .040 | .231 | .128 | .040 | |
| 4.0 | .245 | .127 | .037 | .241 | .126 | .037 | .231 | .123 | .037 | .223 | .120 | .036 | .215 | .117 | .036 | |
| 5.0 | .227 | .116 | .034 | .223 | .115 | .033 | .215 | .112 | .033 | .208 | .109 | .033 | .200 | .107 | .032 | |
| 6.0 | .211 | .106 | .030 | .208 | .105 | .030 | .200 | .103 | .030 | .194 | .101 | .030 | .187 | .099 | .029 | |
| 7.0 | .197 | .097 | .028 | .194 | .096 | .027 | .187 | .095 | .027 | .181 | .093 | .027 | .175 | .091 | .027 | |
| 8.0 | .184 | .090 | .025 | .181 | .089 | .025 | .175 | .088 | .025 | .170 | .086 | .025 | .165 | .085 | .025 | |
| 9.0 | .173 | .084 | .023 | .170 | .083 | .023 | .165 | .082 | .023 | .160 | .080 | .023 | .155 | .079 | .023 | |
| 10.0 | .163 | .078 | .022 | .160 | .077 | .022 | .155 | .076 | .021 | .151 | .075 | .021 | .147 | .074 | .021 | |

| | | | | | | | | | | | | | | | | |
|-----------------------------|-----------------------|------|------|------|------|------|---|------|------|------|------|------|------|------|------|---|
| <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 | .190 | .190 | .190 | .163 | .163 | .163 | .111 | .111 | .111 | .064 | .064 | .064 | .020 | .020 | .020 | |
| 1.0 | .179 | .156 | .135 | .154 | .134 | .116 | .105 | .092 | .081 | .060 | .053 | .047 | .019 | .017 | .015 | |
| 2.0 | .171 | .132 | .099 | .147 | .114 | .086 | .100 | .079 | .060 | .058 | .046 | .035 | .019 | .015 | .011 | |
| 3.0 | .163 | .114 | .075 | .140 | .099 | .065 | .096 | .068 | .046 | .056 | .040 | .027 | .018 | .013 | .009 | |
| 4.0 | .156 | .101 | .059 | .134 | .087 | .051 | .092 | .061 | .036 | .053 | .036 | .021 | .017 | .012 | .007 | |
| 5.0 | .149 | .090 | .048 | .128 | .078 | .041 | .088 | .055 | .029 | .051 | .032 | .017 | .016 | .010 | .006 | |
| 6.0 | .141 | .082 | .039 | .122 | .071 | .034 | .084 | .050 | .024 | .049 | .029 | .014 | .016 | .010 | .005 | |
| 7.0 | .135 | .075 | .033 | .116 | .065 | .029 | .080 | .046 | .021 | .047 | .027 | .012 | .015 | .009 | .004 | |
| 8.0 | .128 | .069 | .029 | .110 | .060 | .025 | .076 | .042 | .018 | .044 | .025 | .011 | .014 | .008 | .004 | |
| 9.0 | .122 | .064 | .025 | .105 | .056 | .022 | .073 | .039 | .016 | .043 | .023 | .009 | .014 | .008 | .003 | |
| 10.0 | .117 | .060 | .023 | .101 | .052 | .020 | .070 | .037 | .014 | .041 | .022 | .008 | .013 | .007 | .003 | |

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-12-30

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:3.080m [K=1.0000]
 Remarks: PORTER

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|--|------------------|------|------|------|-------|----------------|------|------------------|------|------|
| Test:U:119.97V I:0.1184A P:8.9189W PF:0.8960 Freq:59.98Hz Lamp Flux:649.223x1 lm | | | | | | | | | | |
| NAME: LED-S9W-5CCTWH-SQ | | | | | TYPE: | | | WEIGHT: | | |
| SPEC.:2700K 80 | | | | | DIM.: | | | SERIAL No.: | | |
| MFR.: | | | | | SUR.: | | | 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 | 16.6 | 18.2 | 16.9 | 18.4 | 18.6 | 16.7 | 18.2 | 17.0 | 18.4 | 18.6 |
| 3H | 18.1 | 19.5 | 18.4 | 19.7 | 20.0 | 18.2 | 19.6 | 18.5 | 19.8 | 20.1 |
| 4H | 18.6 | 20.0 | 19.0 | 20.2 | 20.5 | 18.8 | 20.1 | 19.1 | 20.3 | 20.6 |
| 6H | 19.0 | 20.2 | 19.3 | 20.5 | 20.7 | 19.1 | 20.3 | 19.4 | 20.6 | 20.9 |
| 8H | 19.0 | 20.2 | 19.3 | 20.4 | 20.7 | 19.1 | 20.3 | 19.5 | 20.6 | 20.9 |
| 12H | 18.9 | 20.1 | 19.3 | 20.4 | 20.7 | 19.1 | 20.3 | 19.5 | 20.6 | 20.9 |
| 4H 2H | 17.3 | 18.6 | 17.6 | 18.8 | 19.1 | 17.3 | 18.6 | 17.6 | 18.9 | 19.1 |
| 3H | 18.9 | 20.1 | 19.3 | 20.4 | 20.7 | 19.0 | 20.1 | 19.3 | 20.4 | 20.7 |
| 4H | 19.6 | 20.6 | 19.9 | 20.9 | 21.3 | 19.7 | 20.7 | 20.0 | 21.0 | 21.4 |
| 6H | 20.0 | 20.9 | 20.4 | 21.2 | 21.6 | 20.1 | 21.0 | 20.5 | 21.4 | 21.7 |
| 8H | 20.0 | 20.9 | 20.4 | 21.2 | 21.6 | 20.2 | 21.1 | 20.6 | 21.4 | 21.8 |
| 12H | 20.0 | 20.8 | 20.4 | 21.2 | 21.6 | 20.2 | 21.0 | 20.6 | 21.4 | 21.8 |
| 8H 4H | 19.8 | 20.7 | 20.2 | 21.0 | 21.4 | 19.9 | 20.8 | 20.3 | 21.1 | 21.5 |
| 6H | 20.3 | 21.1 | 20.8 | 21.5 | 21.9 | 20.5 | 21.2 | 20.9 | 21.6 | 22.0 |
| 8H | 20.4 | 21.1 | 20.9 | 21.5 | 21.9 | 20.6 | 21.2 | 21.1 | 21.7 | 22.1 |
| 12H | 20.5 | 21.0 | 20.9 | 21.4 | 21.9 | 20.7 | 21.2 | 21.1 | 21.7 | 22.1 |
| 12H 4H | 19.8 | 20.6 | 20.2 | 21.0 | 21.4 | 19.9 | 20.7 | 20.3 | 21.1 | 21.5 |
| 6H | 20.4 | 21.0 | 20.8 | 21.4 | 21.9 | 20.5 | 21.1 | 20.9 | 21.5 | 22.0 |
| 8H | 20.5 | 21.0 | 21.0 | 21.5 | 22.0 | 20.7 | 21.2 | 21.1 | 21.7 | 22.1 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 0.2 / - 0.2 | | | | | + 0.2 / - 0.2 | | | | |
| 1.5H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | |
| 2.0H | + 0.2 / - 0.3 | | | | | + 0.2 / - 0.3 | | | | |

CIE Pub.117, 649.2 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.5)
 Area: 0.111111 m2

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-12-30

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:3.080m [K=1.0000]
 Remarks: PORTER

UTILIZATION FACTORS TABLE

| | | |
|--|-------|------------------|
| Test:U:119.97V I:0.1184A P:8.9189W PF:0.8960 Freq:59.98Hz Lamp Flux:649.223x1 lm | | |
| NAME: LED-S9W-5CCTWH-SQ | TYPE: | WEIGHT: |
| SPEC.:2700K 80 | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

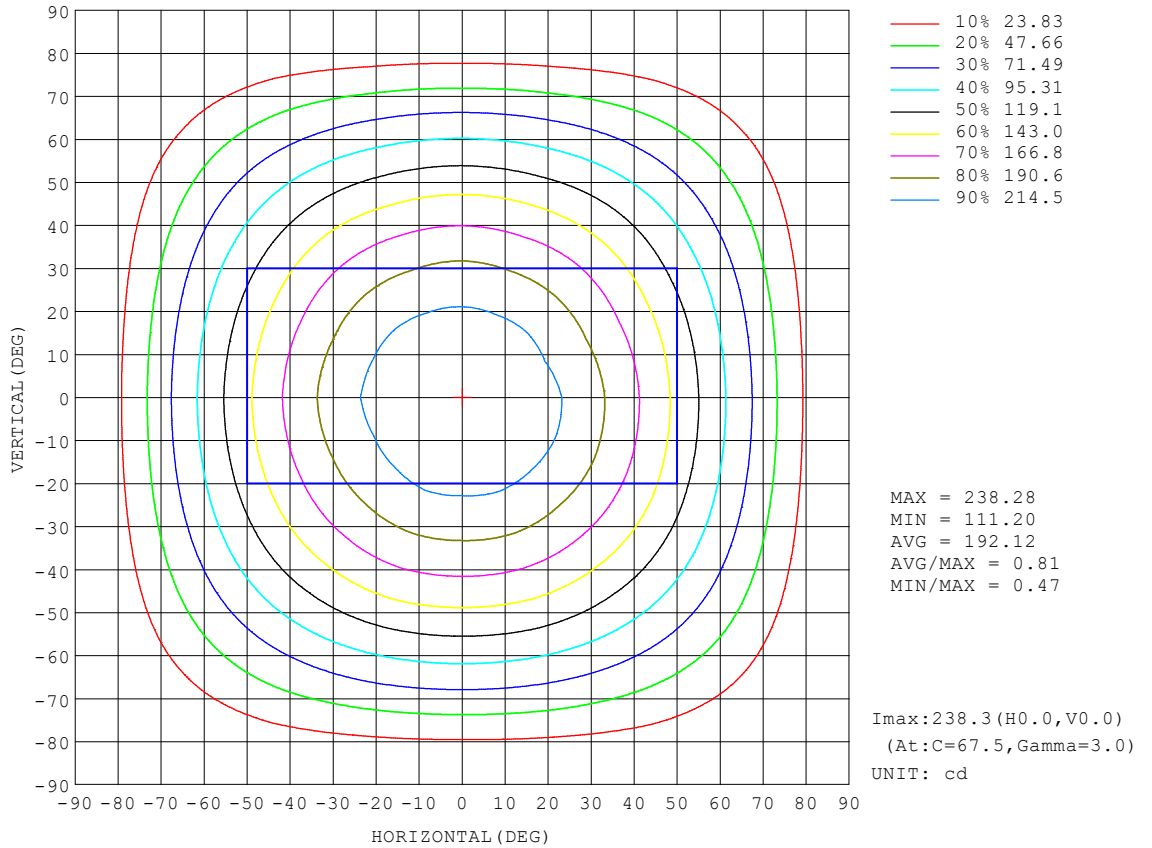
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|---------------|-----|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 58 | 47 | 40 | 57 | 46 | 40 | 56 | 46 | 39 | 33 |
| 0.80 | 68 | 57 | 50 | 67 | 56 | 49 | 66 | 56 | 49 | 42 |
| 1.00 | 77 | 66 | 59 | 76 | 65 | 58 | 73 | 67 | 58 | 51 |
| 1.25 | 84 | 74 | 67 | 82 | 73 | 66 | 80 | 71 | 65 | 58 |
| 1.50 | 89 | 79 | 72 | 87 | 78 | 72 | 84 | 77 | 71 | 63 |
| 2.00 | 96 | 87 | 81 | 94 | 86 | 80 | 90 | 84 | 79 | 71 |
| 2.50 | 100 | 92 | 86 | 98 | 91 | 85 | 94 | 88 | 83 | 75 |
| 3.00 | 103 | 96 | 91 | 101 | 95 | 90 | 97 | 92 | 88 | 79 |
| 4.00 | 107 | 101 | 97 | 104 | 100 | 95 | 100 | 96 | 93 | 84 |
| 5.00 | 109 | 105 | 101 | 107 | 103 | 99 | 102 | 99 | 96 | 87 |
| 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:2021-12-30

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:3.080m [K=1.0000]
 Remarks: PORTER

ISOCANDELA DIAGRAM

| | | |
|--|-------|------------------|
| Test:U:119.97V I:0.1184A P:8.9189W PF:0.8960 Freq:59.98Hz Lamp Flux:649.223x1 lm | | |
| NAME: LED-S9W-5CCTWH-SQ | TYPE: | WEIGHT: |
| SPEC.:2700K 80 | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

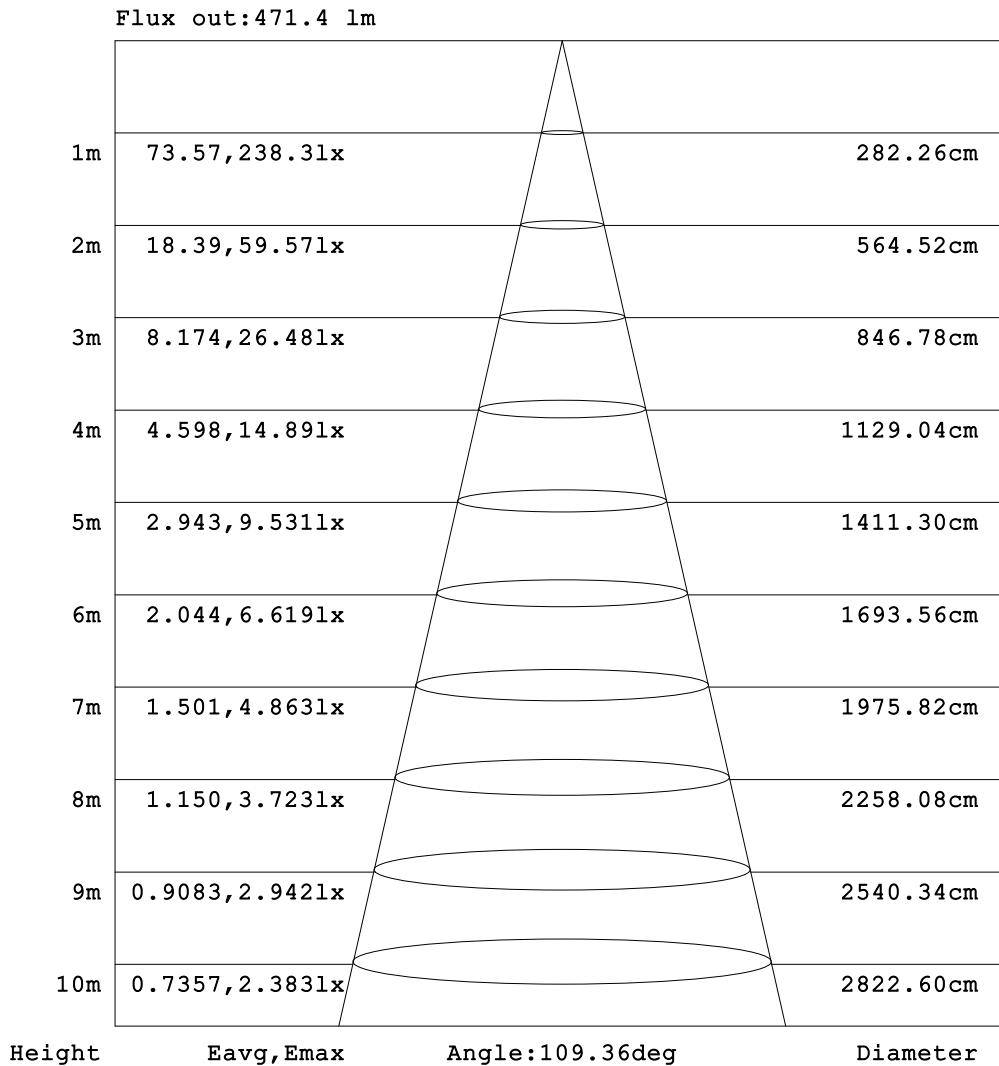


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
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Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:3.080m [K=1.0000]
 Remarks: PORTER

AAI Figure

| | | |
|--|-------|------------------|
| Test:U:119.97V I:0.1184A P:8.9189W PF:0.8960 Freq:59.98Hz Lamp Flux:649.223x1 lm | | |
| NAME: LED-S9W-5CCTWH-SQ | TYPE: | WEIGHT: |
| SPEC.:2700K 80 | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |



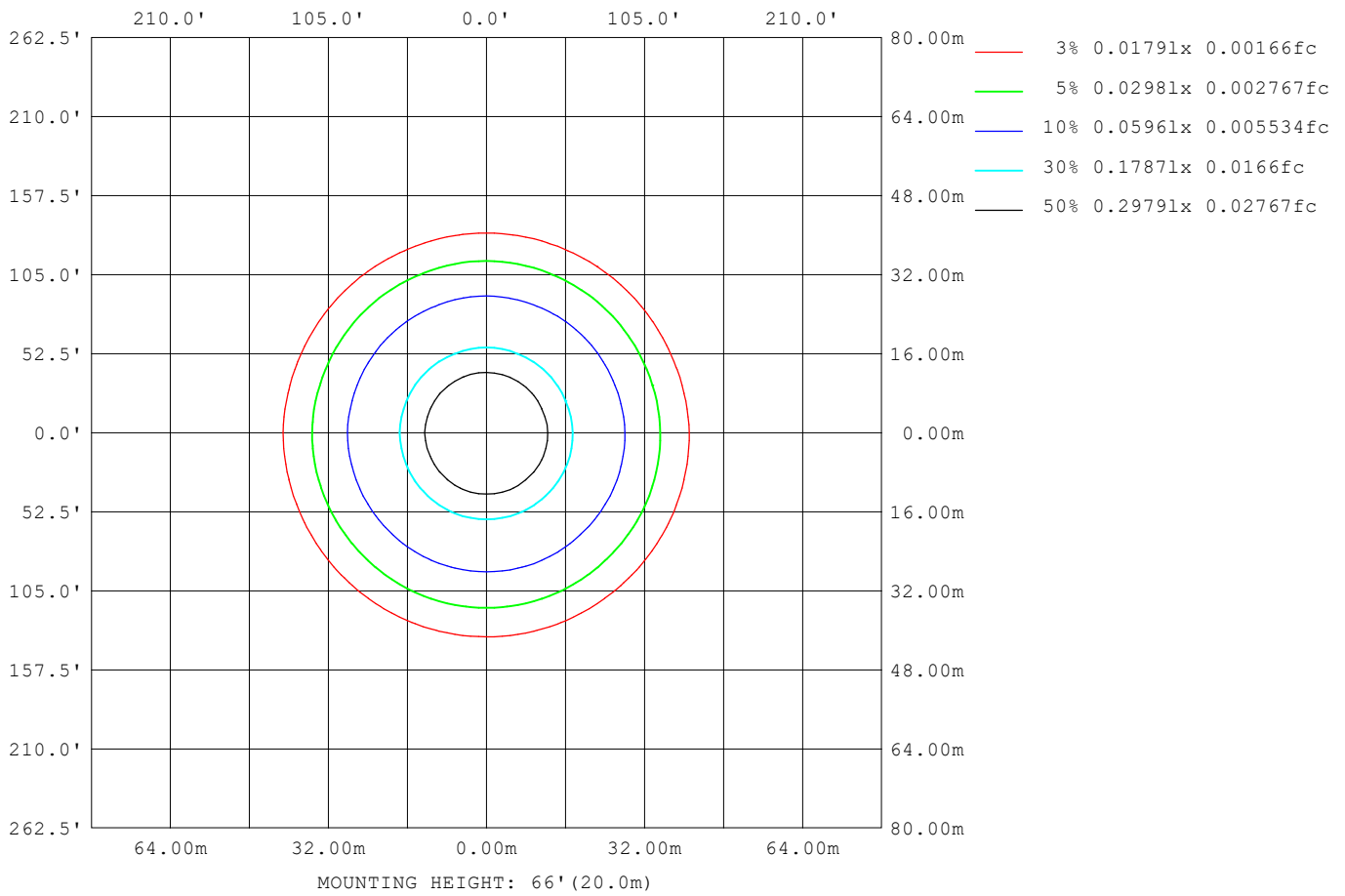
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-12-30

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:3.080m [K=1.0000]
 Remarks: PORTER

ISOLUX DIAGRAM

| | | |
|--|-------|------------------|
| Test:U:119.97V I:0.1184A P:8.9189W PF:0.8960 Freq:59.98Hz Lamp Flux:649.223x1 lm | | |
| NAME: LED-S9W-5CCTWH-SQ | TYPE: | WEIGHT: |
| SPEC.:2700K 80 | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
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Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:3.080m [K=1.0000]
 Remarks: PORTER

LED Avg.L Report

| | | |
|--|-------|------------------|
| Test:U:119.97V I:0.1184A P:8.9189W PF:0.8960 Freq:59.98Hz Lamp Flux:649.223x1 lm | | |
| NAME: LED-S9W-5CCTWH-SQ | TYPE: | WEIGHT: |
| SPEC.:2700K 80 | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

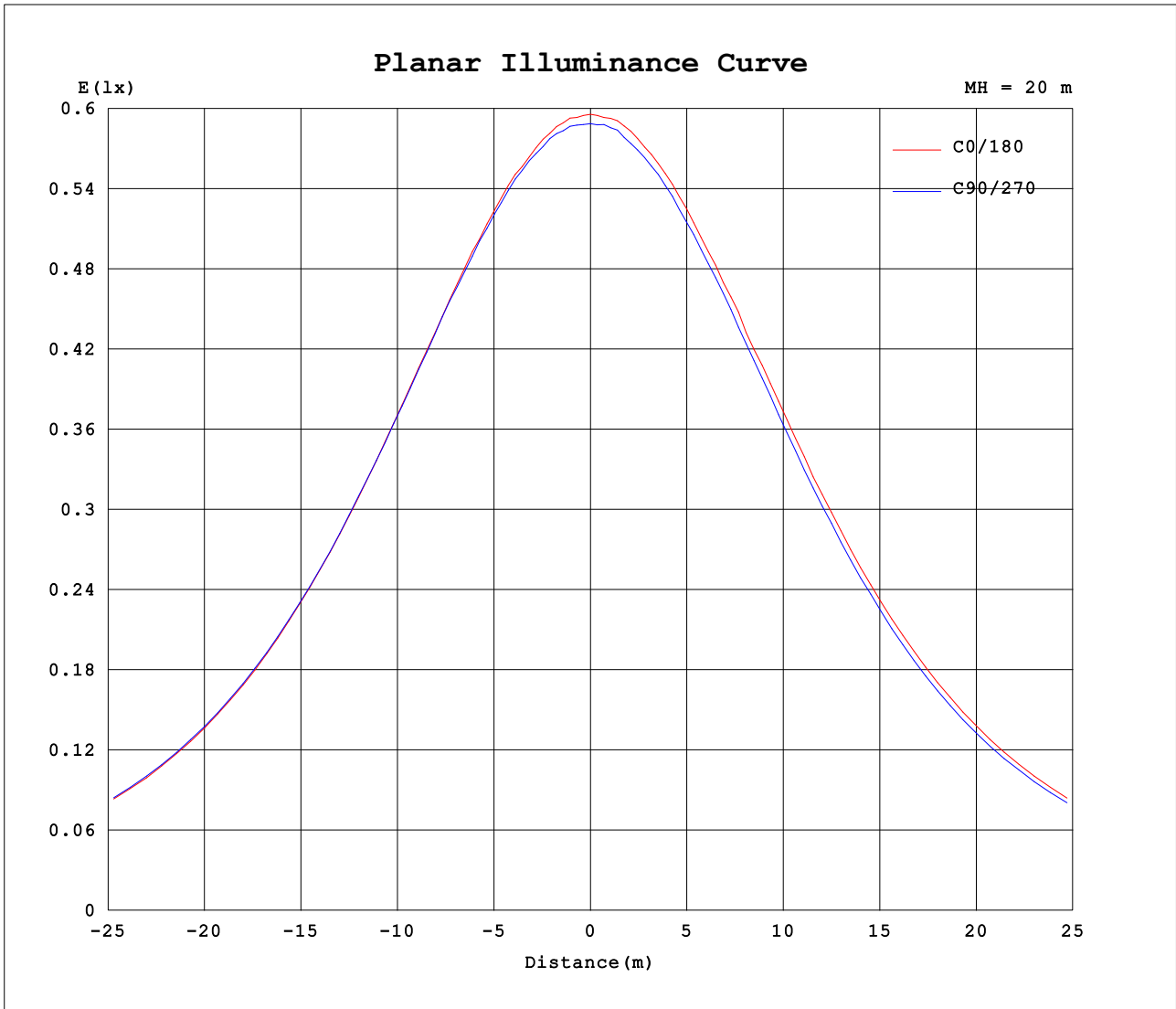
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 1717 |
| L_0~180 (75) av | 1394 |
| L_0~180 (85) av | 456 |
| L_90~270 (65) av | 1703 |
| L_90~270 (75) av | 1338 |
| L_90~270 (85) av | 290 |
| L_45 (65) av | 1698 |
| L_45 (75) av | 1402 |
| L_45 (85) av | 433 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2021-12-30

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:3.080m [K=1.0000]
 Remarks: PORTER

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators:
 Test Date: 2021-12-30

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-SPEX500_V1 SYSTEM V2.00.421
 Humidity: 65.0%
 Test Distance: 3.080m [K=1.0000]
 Remarks: PORTER

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|-------|------------------|
| Test:U:119.97V I:0.1184A P:8.9189W PF:0.8960 Freq:59.98Hz Lamp Flux:649.223x1 lm | | |
| NAME: LED-S9W-5CCTWH-SQ | TYPE: | WEIGHT: |
| SPEC.:2700K 80 | DIM.: | SERIAL No.: |
| MFR.: | SUR.: | 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 | 236 | 236 | 236 | 236 | 236 | 236 | 236 | 236 | 236 | 236 | 236 | 236 | 236 | 236 | 236 | 236 | | | |
| 5 | 235 | 235 | 236 | 235 | 236 | 235 | 235 | 235 | 235 | 235 | 235 | 235 | 235 | 235 | 234 | 235 | | | |
| 10 | 231 | 232 | 232 | 233 | 233 | 232 | 232 | 232 | 232 | 231 | 231 | 231 | 231 | 231 | 231 | 231 | | | |
| 15 | 226 | 227 | 227 | 227 | 227 | 227 | 227 | 227 | 226 | 226 | 226 | 225 | 225 | 224 | 225 | 225 | | | |
| 20 | 218 | 219 | 220 | 221 | 221 | 220 | 219 | 220 | 219 | 218 | 218 | 217 | 217 | 217 | 217 | 217 | | | |
| 25 | 209 | 210 | 210 | 211 | 211 | 211 | 211 | 211 | 210 | 208 | 208 | 207 | 207 | 206 | 207 | 208 | | | |
| 30 | 197 | 199 | 199 | 200 | 200 | 200 | 199 | 199 | 198 | 196 | 196 | 195 | 195 | 195 | 195 | 196 | | | |
| 35 | 184 | 186 | 186 | 187 | 187 | 187 | 186 | 186 | 185 | 183 | 183 | 181 | 182 | 181 | 182 | 183 | | | |
| 40 | 169 | 171 | 171 | 173 | 172 | 173 | 171 | 172 | 171 | 168 | 168 | 166 | 167 | 166 | 167 | 168 | | | |
| 45 | 153 | 155 | 155 | 156 | 156 | 157 | 155 | 156 | 155 | 152 | 152 | 150 | 151 | 150 | 151 | 152 | | | |
| 50 | 136 | 138 | 138 | 140 | 139 | 140 | 138 | 139 | 138 | 135 | 134 | 133 | 133 | 132 | 133 | 135 | | | |
| 55 | 118 | 120 | 120 | 121 | 121 | 121 | 120 | 121 | 120 | 117 | 116 | 115 | 115 | 114 | 115 | 116 | | | |
| 60 | 99.3 | 101 | 101 | 102 | 102 | 103 | 101 | 102 | 101 | 97.5 | 97.0 | 95.9 | 96.3 | 95.7 | 96.3 | 97.6 | | | |
| 65 | 80.2 | 81.6 | 81.9 | 83.0 | 83.4 | 83.1 | 82.3 | 82.0 | 81.1 | 78.9 | 77.6 | 76.4 | 76.6 | 76.2 | 77.1 | 78.2 | | | |
| 70 | 60.8 | 62.1 | 62.4 | 63.1 | 63.5 | 63.3 | 62.6 | 62.6 | 60.7 | 59.1 | 57.8 | 56.1 | 55.9 | 55.9 | 57.6 | 58.8 | | | |
| 75 | 40.2 | 41.8 | 42.9 | 43.0 | 42.7 | 42.7 | 42.8 | 41.5 | 40.0 | 38.2 | 37.8 | 35.0 | 34.3 | 34.9 | 37.8 | 38.4 | | | |
| 80 | 19.5 | 21.9 | 23.8 | 22.9 | 22.2 | 22.4 | 23.1 | 21.4 | 19.7 | 18.7 | 18.6 | 15.8 | 15.3 | 15.7 | 18.2 | 18.7 | | | |
| 85 | 4.50 | 6.08 | 6.31 | 5.68 | 5.35 | 5.19 | 5.74 | 5.51 | 4.34 | 4.10 | 2.34 | 0.36 | 0.27 | 0.35 | 2.39 | 4.35 | | | |
| 90 | 0.11 | 0.13 | 0.11 | 0.09 | 0.09 | 0.10 | 0.10 | 0.11 | 0.18 | 0.20 | 0.19 | 0.19 | 0.19 | 0.19 | 0.19 | 0.22 | | | |
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C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
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□ Range: 0 - 90DEG
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