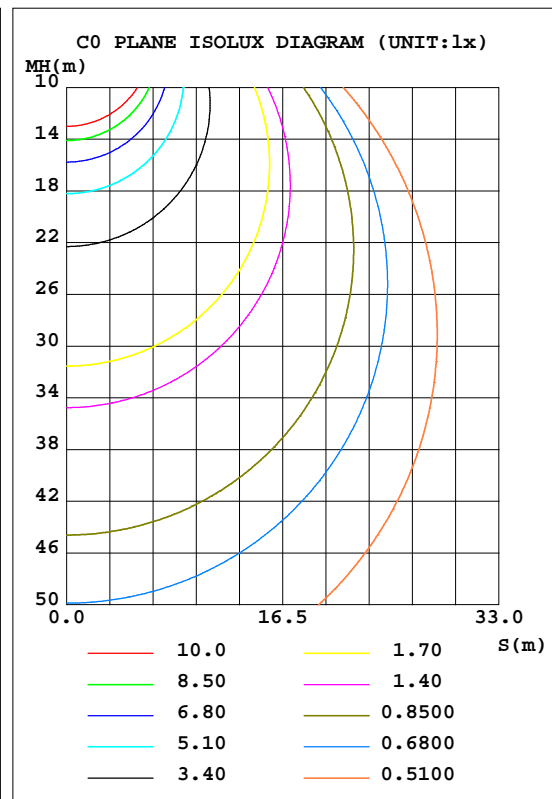
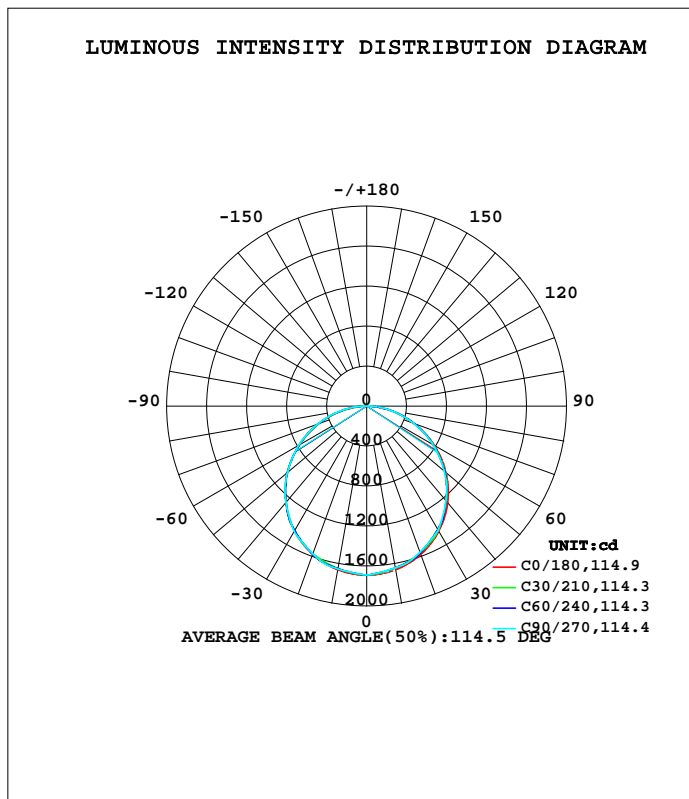


LUMINAIRE PHOTOMETRIC TEST REPORT

|  |                  |                           |
|--|------------------|---------------------------|
| Test:U:120.1V I:0.3428A P:41.12W PF:0.9860 Lamp Flux:4978.2x1 lm |                  |                           |
| NAME: ASD Lighting corp  | TYPE:LED PANEL   | WEIGHT:                   |
| SPEC.: ASD-ELP05-24D40CC-STD(5000K)                              | DIM.: 1213x603mm | SERIAL No.:BLD20171213P05 |
| MFR.: ASD Lighting corp  | SUR.:0.558*1.17  | Shielding Angle:          |

| DATA OF LAMP     |        | PHOTOMETRIC DATA Eff: 121.06 lm/W |        |                    |          |
|------------------|--------|-----------------------------------|--------|--------------------|----------|
| MODEL            |        | I <sub>max</sub> (cd)             | 1691   | S/MH(C0/180)       | 1.27     |
| NOMINAL POWER(W) | 40     | LOR(%)                            | 100.0  | S/MH(C90/270)      | 1.27     |
| RATED VOLTAGE(V) |        | TOTAL FLUX(lm)                    | 4978.2 | η UP, DN(C0-180)   | 0.0,49.6 |
| NOMINAL FLUX(lm) | 4978.2 | CIE CLASS                         | DIRECT | η UP, DN(C180-360) | 0.0,50.4 |
| LAMPS INSIDE     | 1      | η up(%)                           | 0.0    | CIBSE SHR NOM      | 1.25     |
| TEST VOLTAGE(V)  |        | η down(%)                         | 100.0  | CIBSE SHR MAX      | 1.35     |



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:22DEG  
 Operators:HUA  
 Test Date:2017-12-13

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:43%  
 Test Distance:12.218m [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 |
|-----|-----------------------|-------|-------|-------|-------|-------|-------|-------|---------|---------|---------|-----------|
| 5   | 1684                  | 1671  | 1668  | 1671  | 1684  | 1675  | 1673  | 1675  | 0- 5    | 40.18   | 40.18   | 0.81,0.81 |
| 10  | 1663                  | 1644  | 1644  | 1644  | 1663  | 1651  | 1654  | 1651  | 5- 10   | 118.9   | 159.1   | 3.2,3.2   |
| 15  | 1629                  | 1611  | 1616  | 1609  | 1628  | 1621  | 1632  | 1621  | 10- 15  | 193.9   | 353.0   | 7.09,7.09 |
| 20  | 1580                  | 1569  | 1557  | 1567  | 1580  | 1582  | 1574  | 1583  | 15- 20  | 262.9   | 615.9   | 12.4,12.4 |
| 25  | 1519                  | 1501  | 1494  | 1499  | 1518  | 1515  | 1513  | 1517  | 20- 25  | 322.5   | 938.4   | 18.9,18.9 |
| 30  | 1445                  | 1422  | 1432  | 1420  | 1443  | 1437  | 1451  | 1438  | 25- 30  | 372.1   | 1311    | 26.3,26.3 |
| 35  | 1358                  | 1339  | 1333  | 1337  | 1357  | 1354  | 1354  | 1355  | 30- 35  | 409.9   | 1720    | 34.6,34.6 |
| 40  | 1261                  | 1249  | 1235  | 1247  | 1259  | 1265  | 1257  | 1266  | 35- 40  | 433.3   | 2154    | 43.3,43.3 |
| 45  | 1154                  | 1134  | 1134  | 1131  | 1152  | 1149  | 1157  | 1151  | 40- 45  | 443.1   | 2597    | 52.2,52.2 |
| 50  | 1036                  | 1018  | 1012  | 1014  | 1035  | 1033  | 1036  | 1034  | 45- 50  | 438.8   | 3036    | 61,61     |
| 55  | 911.3                 | 900.0 | 888.0 | 894.7 | 909.2 | 913.8 | 911.9 | 916.1 | 50- 55  | 419.5   | 3455    | 69.4,69.4 |
| 60  | 779.1                 | 765.7 | 763.7 | 760.3 | 777.4 | 778.8 | 787.9 | 781.0 | 55- 60  | 387.2   | 3842    | 77.2,77.2 |
| 65  | 642.3                 | 632.6 | 629.1 | 627.5 | 641.3 | 645.3 | 652.4 | 646.9 | 60- 65  | 343.3   | 4186    | 84.1,84.1 |
| 70  | 502.9                 | 499.1 | 494.8 | 493.7 | 502.1 | 510.8 | 516.9 | 511.8 | 65- 70  | 288.8   | 4474    | 89.9,89.9 |
| 75  | 365.1                 | 364.8 | 361.5 | 358.8 | 364.6 | 374.1 | 381.3 | 375.0 | 70- 75  | 226.6   | 4701    | 94.4,94.4 |
| 80  | 222.0                 | 232.9 | 232.4 | 227.9 | 218.5 | 240.1 | 247.3 | 240.6 | 75- 80  | 159.0   | 4860    | 97.6,97.6 |
| 85  | 77.90                 | 110.3 | 109.8 | 105.6 | 75.24 | 111.0 | 115.8 | 110.6 | 80- 85  | 90.23   | 4950    | 99.4,99.4 |
| 90  | 1.233                 | 13.85 | 19.26 | 11.51 | 2.195 | 10.69 | 19.20 | 10.20 | 85- 90  | 26.70   | 4977    | 100,100   |
| 95  | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 90- 95  | 1.252   | 4978    | 100,100   |
| 100 | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 95-100  | 0       | 4978    | 100,100   |
| 105 | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 100-105 | 0       | 4978    | 100,100   |
| 110 | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 105-110 | 0       | 4978    | 100,100   |
| 115 | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 110-115 | 0       | 4978    | 100,100   |
| 120 | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 115-120 | 0       | 4978    | 100,100   |
| 125 | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 120-125 | 0       | 4978    | 100,100   |
| 130 | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 125-130 | 0       | 4978    | 100,100   |
| 135 | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 130-135 | 0       | 4978    | 100,100   |
| 140 | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 135-140 | 0       | 4978    | 100,100   |
| 145 | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 140-145 | 0       | 4978    | 100,100   |
| 150 | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 145-150 | 0       | 4978    | 100,100   |
| 155 | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 150-155 | 0       | 4978    | 100,100   |
| 160 | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 155-160 | 0       | 4978    | 100,100   |
| 165 | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 160-165 | 0       | 4978    | 100,100   |
| 170 | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 165-170 | 0       | 4978    | 100,100   |
| 175 | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 170-175 | 0       | 4978    | 100,100   |
| 180 | 0                     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 175-180 | 0       | 4978    | 100,100   |
| DEG | LUMINOUS INTENSITY:cd |       |       |       |       |       |       |       |         | UNIT:lm |         |           |

Conical surface Flux(90deg): 2596.8 lm

%lum = 52.2%  
%lamp = 52.2%

Conical surface Flux(120deg): 3842.4 lm

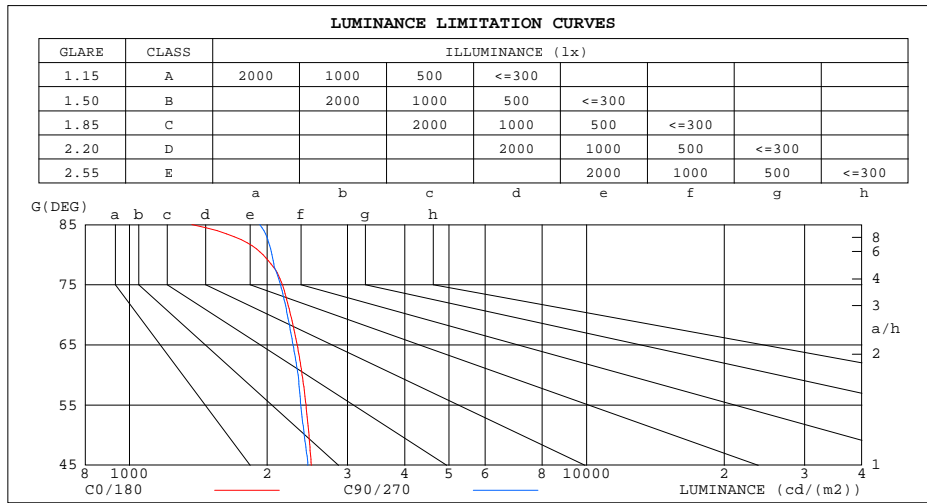
%lum = 77.2%  
%lamp = 77.2%

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:22DEG  
Operators:HUA  
Test Date:2017-12-13

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
Humidity:43%  
Test Distance:12.218m [K=1.0000]  
Remarks:

LUMINANCE LIMITATION CURVES

|  |                  |                           |
|--|------------------|---------------------------|
| Test:U:120.1V I:0.3428A P:41.12W PF:0.9860 Lamp Flux:4978.2x1 lm |                  |                           |
| NAME: ASD Lighting corp  | TYPE:LED PANEL   | WEIGHT:                   |
| SPEC.: ASD-ELP05-24D40CC-STD(5000K)                              | DIM.: 1213x603mm | SERIAL No.:BLD20171213P05 |
| MFR.: ASD Lighting corp  | SUR.:0.558*1.17  | Shielding Angle:          |



| LUMINANCE cd/(m2) |        |         |
|-------------------|--------|---------|
| G(DEG)            | C0/180 | C90/270 |
| 85                | 1369   | 1929    |
| 80                | 1959   | 2050    |
| 75                | 2161   | 2139    |
| 70                | 2253   | 2216    |
| 65                | 2328   | 2280    |
| 60                | 2387   | 2340    |
| 55                | 2434   | 2372    |
| 50                | 2470   | 2412    |
| 45                | 2499   | 2456    |

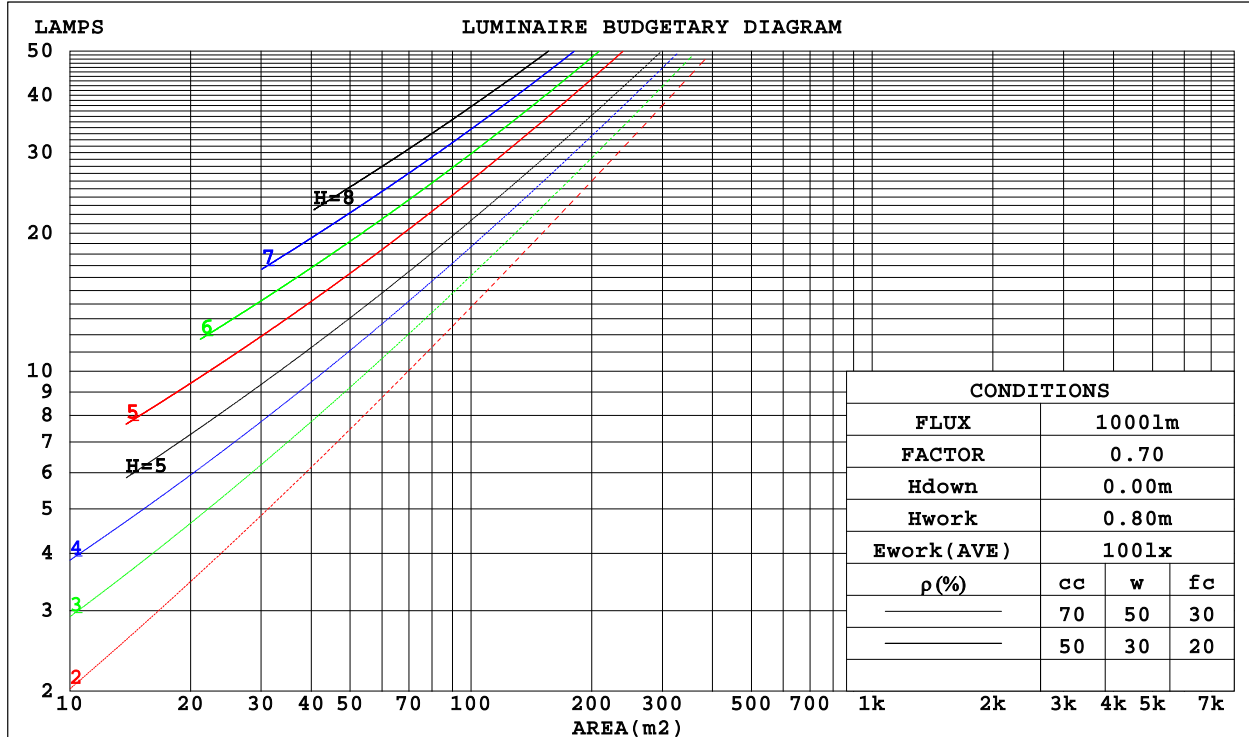
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:22DEG  
 Operators:HUA  
 Test Date:2017-12-13

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:43%  
 Test Distance:12.218m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

|  |                  |                           |
|--|------------------|---------------------------|
| Test:U:120.1V I:0.3428A P:41.12W PF:0.9860 Lamp Flux:4978.2x1 lm |                  |                           |
| NAME: ASD Lighting corp  | TYPE:LED PANEL   | WEIGHT:                   |
| SPEC.: ASD-ELP05-24D40CC-STD(5000K)                              | DIM.: 1213x603mm | SERIAL No.:BLD20171213P05 |
| MFR.: ASD Lighting corp  | SUR.:0.558*1.17  | Shielding Angle:          |

|             |                       |      |      |      |      |      |                                 |      |      |      |      |      |      |      |      |     |
|-------------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|-----|
| $\rho_{cc}$ | 80%                   |      |      | 70%  |      |      | 50%                             |      |      | 30%  |      |      | 10%  |      |      | 0   |
| $\rho_w$    | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                             | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0   |
| $\rho_{fc}$ | 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         | 1.03                  | .99  | .95  | 1.01 | .97  | .93  | .97                             | .93  | .90  | .93  | .90  | .88  | .89  | .87  | .85  | .83 |
| 2.0         | .90                   | .83  | .77  | .88  | .81  | .76  | .84                             | .79  | .74  | .81  | .76  | .72  | .78  | .74  | .71  | .68 |
| 3.0         | .79                   | .70  | .63  | .77  | .69  | .63  | .74                             | .67  | .62  | .71  | .65  | .61  | .69  | .64  | .60  | .57 |
| 4.0         | .69                   | .60  | .54  | .68  | .60  | .53  | .66                             | .58  | .52  | .63  | .57  | .52  | .61  | .56  | .51  | .49 |
| 5.0         | .62                   | .53  | .46  | .61  | .52  | .46  | .59                             | .51  | .45  | .57  | .50  | .45  | .55  | .49  | .44  | .42 |
| 6.0         | .56                   | .47  | .40  | .55  | .46  | .40  | .53                             | .45  | .39  | .51  | .44  | .39  | .50  | .44  | .39  | .37 |
| 7.0         | .50                   | .42  | .35  | .50  | .41  | .35  | .48                             | .40  | .35  | .47  | .40  | .35  | .45  | .39  | .34  | .32 |
| 8.0         | .46                   | .37  | .31  | .45  | .37  | .31  | .44                             | .36  | .31  | .43  | .36  | .31  | .41  | .35  | .31  | .29 |
| 9.0         | .42                   | .34  | .28  | .42  | .34  | .28  | .40                             | .33  | .28  | .39  | .33  | .28  | .38  | .32  | .28  | .26 |
| 10.0        | .39                   | .31  | .26  | .38  | .31  | .26  | .37                             | .30  | .25  | .36  | .30  | .25  | .36  | .29  | .25  | .23 |



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:22DEG  
 Operators:HUA  
 Test Date:2017-12-13

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:43%  
 Test Distance:12.218m [K=1.0000]  
 Remarks:

WEC AND CCEC

|  |                  |                           |
|--|------------------|---------------------------|
| Test:U:120.1V I:0.3428A P:41.12W PF:0.9860 Lamp Flux:4978.2x1 lm |                  |                           |
| NAME: ASD Lighting corp  | TYPE:LED PANEL   | WEIGHT:                   |
| SPEC.: ASD-ELP05-24D40CC-STD(5000K)                              | DIM.: 1213x603mm | SERIAL No.:BLD20171213P05 |
| MFR.: ASD Lighting corp  | SUR.:0.558*1.17  | Shielding Angle:          |

| ρcc  | 80%                   |      |      | 70%  |      |      | 50%                             |      |      | 30%  |      |      | 10%  |      |      | 0 |
|------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|---|
| ρw   | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%                             | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |
| ρfc  | 20%                   |      |      | 20%  |      |      | 20%                             |      |      | 20%  |      |      | 20%  |      |      | 0 |
| RCR  | RCR:Room Cavity Ratio |      |      |      |      |      | Wall Exitance Coefficients(WEC) |      |      |      |      |      |      |      |      |   |
| 0.0  |                       |      |      |      |      |      |                                 |      |      |      |      |      |      |      |      |   |
| 1.0  | .320                  | .182 | .058 | .313 | .178 | .057 | .299                            | .172 | .055 | .287 | .166 | .053 | .276 | .160 | .052 |   |
| 2.0  | .299                  | .164 | .050 | .292 | .161 | .050 | .281                            | .156 | .048 | .270 | .151 | .047 | .260 | .147 | .046 |   |
| 3.0  | .275                  | .146 | .044 | .270 | .144 | .043 | .259                            | .140 | .043 | .250 | .137 | .042 | .241 | .133 | .041 |   |
| 4.0  | .253                  | .132 | .039 | .248 | .130 | .038 | .239                            | .127 | .038 | .230 | .124 | .037 | .222 | .121 | .037 |   |
| 5.0  | .233                  | .119 | .034 | .229 | .118 | .034 | .221                            | .115 | .034 | .213 | .113 | .033 | .206 | .110 | .033 |   |
| 6.0  | .216                  | .108 | .031 | .212 | .107 | .031 | .205                            | .105 | .031 | .198 | .103 | .030 | .192 | .101 | .030 |   |
| 7.0  | .201                  | .099 | .028 | .197 | .098 | .028 | .191                            | .097 | .028 | .185 | .095 | .028 | .179 | .093 | .027 |   |
| 8.0  | .187                  | .092 | .026 | .184 | .091 | .026 | .178                            | .089 | .025 | .173 | .088 | .025 | .168 | .086 | .025 |   |
| 9.0  | .175                  | .085 | .024 | .173 | .084 | .024 | .167                            | .083 | .023 | .163 | .081 | .023 | .158 | .080 | .023 |   |
| 10.0 | .165                  | .079 | .022 | .162 | .078 | .022 | .158                            | .077 | .022 | .153 | .076 | .022 | .149 | .075 | .022 |   |

| ρcc  | 80%                   |      |      | 70%  |      |      | 50%  |      |      | 30%  |      |      | 10%  |      |      | 0 |
|------|-----------------------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|---|
| ρw   | 50%                   | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 50%  | 30%  | 10%  | 0 |
| ρfc  | 20%                   |      |      | 20%  |      |      | 20%  |      |      | 20%  |      |      | 20%  |      |      | 0 |
| RCR  | RCR:Room Cavity Ratio |      |      |      |      |      | Ceiling Cavity Exitance Coefficients(CCEC) |      |      |      |      |      |      |      |      |   |
| 0.0  | .191                  | .191 | .191 | .163 | .163 | .163 | .111                                       | .111 | .111 | .064 | .064 | .064 | .020 | .020 | .020 |   |
| 1.0  | .181                  | .156 | .134 | .155 | .134 | .115 | .106                                       | .092 | .080 | .061 | .053 | .046 | .020 | .017 | .015 |   |
| 2.0  | .173                  | .132 | .097 | .148 | .114 | .084 | .102                                       | .079 | .059 | .059 | .046 | .034 | .019 | .015 | .011 |   |
| 3.0  | .166                  | .115 | .074 | .142 | .099 | .064 | .098                                       | .069 | .045 | .056 | .040 | .026 | .018 | .013 | .009 |   |
| 4.0  | .158                  | .101 | .058 | .136 | .088 | .050 | .093                                       | .061 | .035 | .054 | .036 | .021 | .017 | .012 | .007 |   |
| 5.0  | .151                  | .091 | .047 | .129 | .079 | .041 | .089                                       | .055 | .029 | .052 | .032 | .017 | .017 | .011 | .006 |   |
| 6.0  | .143                  | .083 | .039 | .123 | .071 | .034 | .085                                       | .050 | .024 | .049 | .029 | .014 | .016 | .010 | .005 |   |
| 7.0  | .136                  | .076 | .033 | .117 | .066 | .029 | .081                                       | .046 | .020 | .047 | .027 | .012 | .015 | .009 | .004 |   |
| 8.0  | .130                  | .070 | .029 | .112 | .061 | .025 | .077                                       | .043 | .018 | .045 | .025 | .011 | .015 | .008 | .003 |   |
| 9.0  | .124                  | .065 | .025 | .107 | .056 | .022 | .074                                       | .040 | .016 | .043 | .023 | .009 | .014 | .008 | .003 |   |
| 10.0 | .118                  | .061 | .022 | .102 | .053 | .020 | .071                                       | .037 | .014 | .041 | .022 | .008 | .013 | .007 | .003 |   |

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:22DEG  
 Operators:HUA  
 Test Date:2017-12-13

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:43%  
 Test Distance:12.218m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

|  |                  |      |      |      |                  |                |      |                           |      |      |
|--|------------------|------|------|------|------------------|----------------|------|---------------------------|------|------|
| Test:U:120.1V I:0.3428A P:41.12W PF:0.9860 Lamp Flux:4978.2x1 lm |                  |      |      |      |                  |                |      |                           |      |      |
| NAME: ASD Lighting corp  |                  |      |      |      | TYPE:LED PANEL   |                |      | WEIGHT:                   |      |      |
| SPEC.: ASD-ELP05-24D40CC-STD(5000K)                              |                  |      |      |      | DIM.: 1213x603mm |                |      | SERIAL No.:BLD20171213P05 |      |      |
| MFR.: ASD Lighting corp  |                  |      |      |      | SUR.:0.558*1.17  |                |      | 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  | 15.9             | 17.5 | 16.2 | 17.7 | 17.9             | 15.9           | 17.4 | 16.1                      | 17.6 | 17.8 |
| 3H   | 17.5             | 19.0 | 17.8 | 19.2 | 19.4             | 17.5           | 18.9 | 17.8                      | 19.2 | 19.4 |
| 4H   | 18.2             | 19.6 | 18.5 | 19.8 | 20.1             | 18.2           | 19.5 | 18.5                      | 19.8 | 20.1 |
| 6H   | 18.6             | 19.9 | 19.0 | 20.2 | 20.5             | 18.7           | 20.0 | 19.1                      | 20.3 | 20.6 |
| 8H   | 18.8             | 20.0 | 19.1 | 20.3 | 20.6             | 18.9           | 20.2 | 19.3                      | 20.4 | 20.7 |
| 12H  | 18.8             | 20.0 | 19.2 | 20.3 | 20.6             | 19.1           | 20.2 | 19.4                      | 20.5 | 20.9 |
| 4H 2H  | 16.6             | 17.9 | 16.9 | 18.2 | 18.4             | 16.5           | 17.9 | 16.8                      | 18.1 | 18.4 |
| 3H   | 18.4             | 19.6 | 18.7 | 19.9 | 20.2             | 18.3           | 19.5 | 18.7                      | 19.8 | 20.1 |
| 4H   | 19.1             | 20.2 | 19.5 | 20.6 | 20.9             | 19.2           | 20.3 | 19.5                      | 20.6 | 20.9 |
| 6H   | 19.7             | 20.7 | 20.1 | 21.0 | 21.4             | 19.8           | 20.8 | 20.2                      | 21.2 | 21.5 |
| 8H   | 19.9             | 20.8 | 20.3 | 21.2 | 21.5             | 20.1           | 21.0 | 20.5                      | 21.4 | 21.8 |
| 12H  | 20.0             | 20.8 | 20.4 | 21.2 | 21.6             | 20.3           | 21.1 | 20.7                      | 21.5 | 21.9 |
| 8H 4H  | 19.5             | 20.4 | 19.9 | 20.7 | 21.1             | 19.5           | 20.4 | 19.9                      | 20.8 | 21.1 |
| 6H   | 20.2             | 21.0 | 20.6 | 21.4 | 21.8             | 20.3           | 21.1 | 20.8                      | 21.5 | 21.9 |
| 8H   | 20.5             | 21.1 | 20.9 | 21.6 | 22.0             | 20.7           | 21.4 | 21.2                      | 21.8 | 22.2 |
| 12H  | 20.6             | 21.2 | 21.1 | 21.7 | 22.2             | 21.0           | 21.6 | 21.5                      | 22.0 | 22.5 |
| 12H 4H   | 19.5             | 20.3 | 19.9 | 20.7 | 21.1             | 19.5           | 20.3 | 19.9                      | 20.7 | 21.1 |
| 6H   | 20.3             | 21.0 | 20.7 | 21.4 | 21.8             | 20.4           | 21.1 | 20.9                      | 21.5 | 22.0 |
| 8H   | 20.6             | 21.2 | 21.1 | 21.6 | 22.1             | 20.8           | 21.4 | 21.3                      | 21.8 | 22.3 |
| Variations with the observer position at spacings:               |                  |      |      |      |                  |                |      |                           |      |      |
| S = 1.0H   | + 0.1 / - 0.1    |      |      |      |                  | + 0.1 / - 0.2  |      |                           |      |      |
| 1.5H   | + 0.1 / - 0.2    |      |      |      |                  | + 0.2 / - 0.3  |      |                           |      |      |
| 2.0H   | + 0.2 / - 0.2    |      |      |      |                  | + 0.1 / - 0.3  |      |                           |      |      |

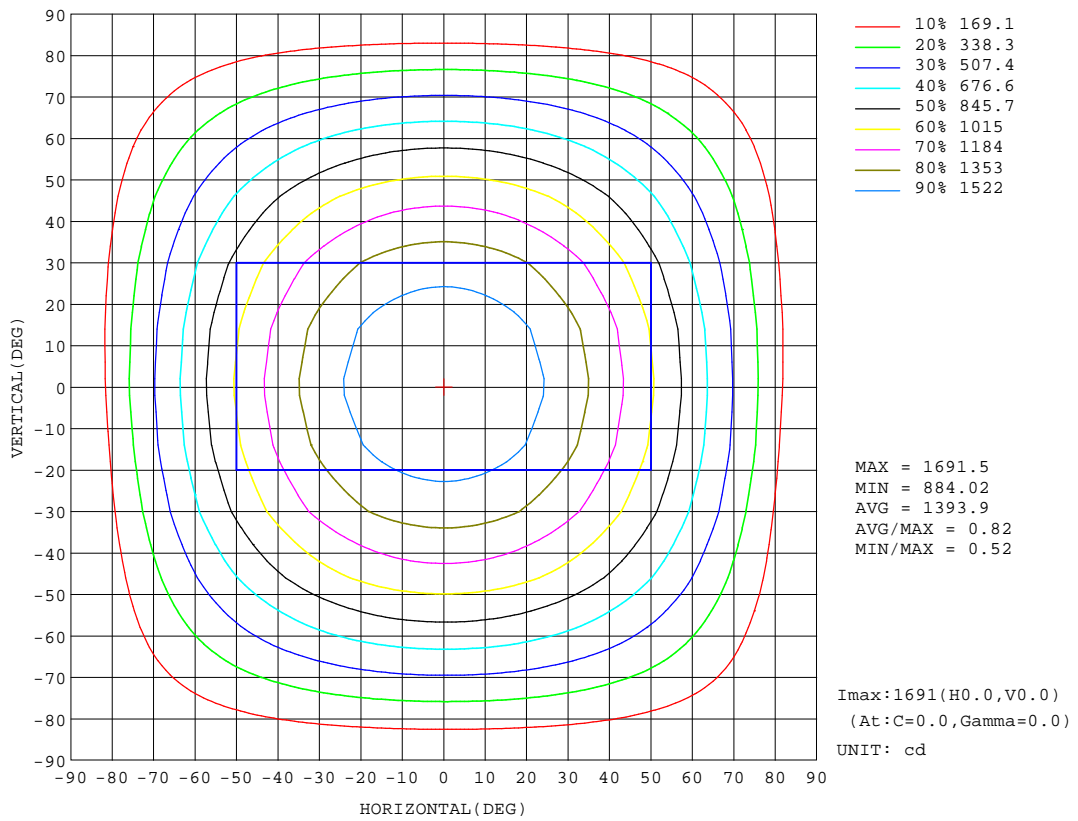
CIE Pub.117 Corrected 4978 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.6)

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:22DEG  
 Operators:HUA  
 Test Date:2017-12-13

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:43%  
 Test Distance:12.218m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

|  |                  |                           |
|--|------------------|---------------------------|
| Test:U:120.1V I:0.3428A P:41.12W PF:0.9860 Lamp Flux:4978.2x1 lm |                  |                           |
| NAME: ASD Lighting corp  | TYPE:LED PANEL   | WEIGHT:                   |
| SPEC.: ASD-ELP05-24D40CC-STD(5000K)                              | DIM.: 1213x603mm | SERIAL No.:BLD20171213P05 |
| MFR.: ASD Lighting corp  | SUR.:0.558*1.17  | Shielding Angle:          |



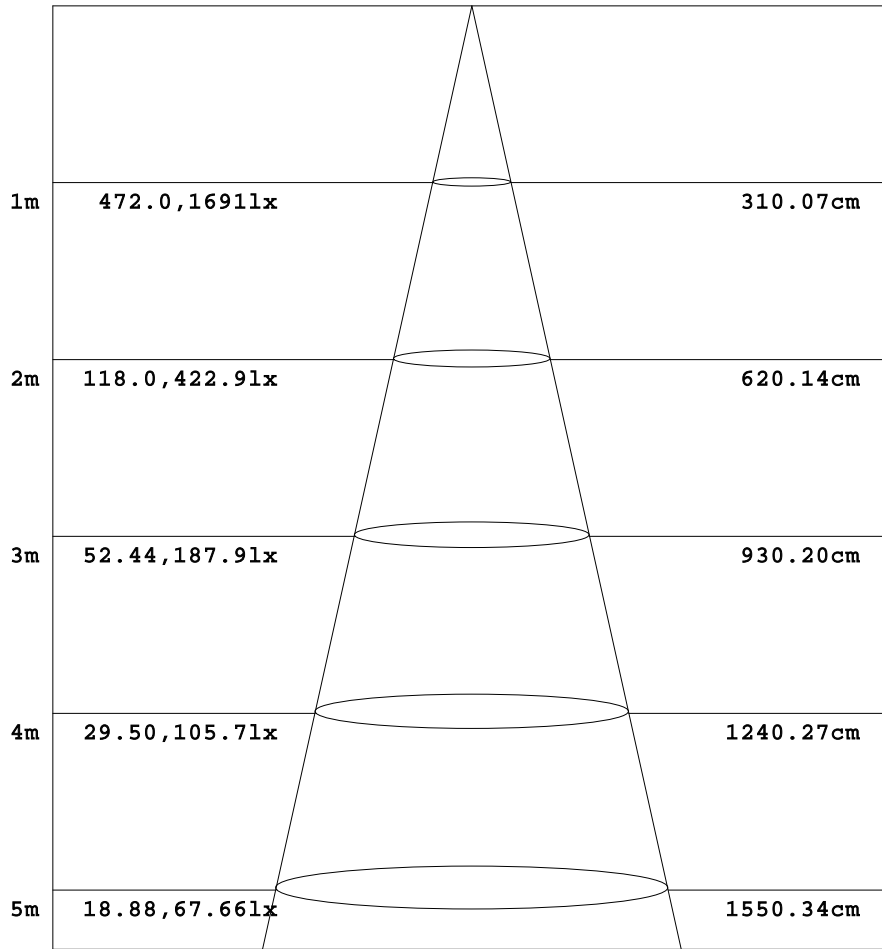
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:22DEG  
 Operators:HUA  
 Test Date:2017-12-13

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:43%  
 Test Distance:12.218m [K=1.0000]  
 Remarks:

AAI Figure

|  |                  |                           |
|--|------------------|---------------------------|
| Test:U:120.1V I:0.3428A P:41.12W PF:0.9860 Lamp Flux:4978.2x1 lm |                  |                           |
| NAME: ASD Lighting corp  | TYPE:LED PANEL   | WEIGHT:                   |
| SPEC.: ASD-ELP05-24D40CC-STD(5000K)                              | DIM.: 1213x603mm | SERIAL No.:BLD20171213P05 |
| MFR.: ASD Lighting corp  | SUR.:0.558*1.17  | Shielding Angle:          |

Flux out:3654 lm



Height Eavg, Emax Angle: 114.35deg Diameter

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

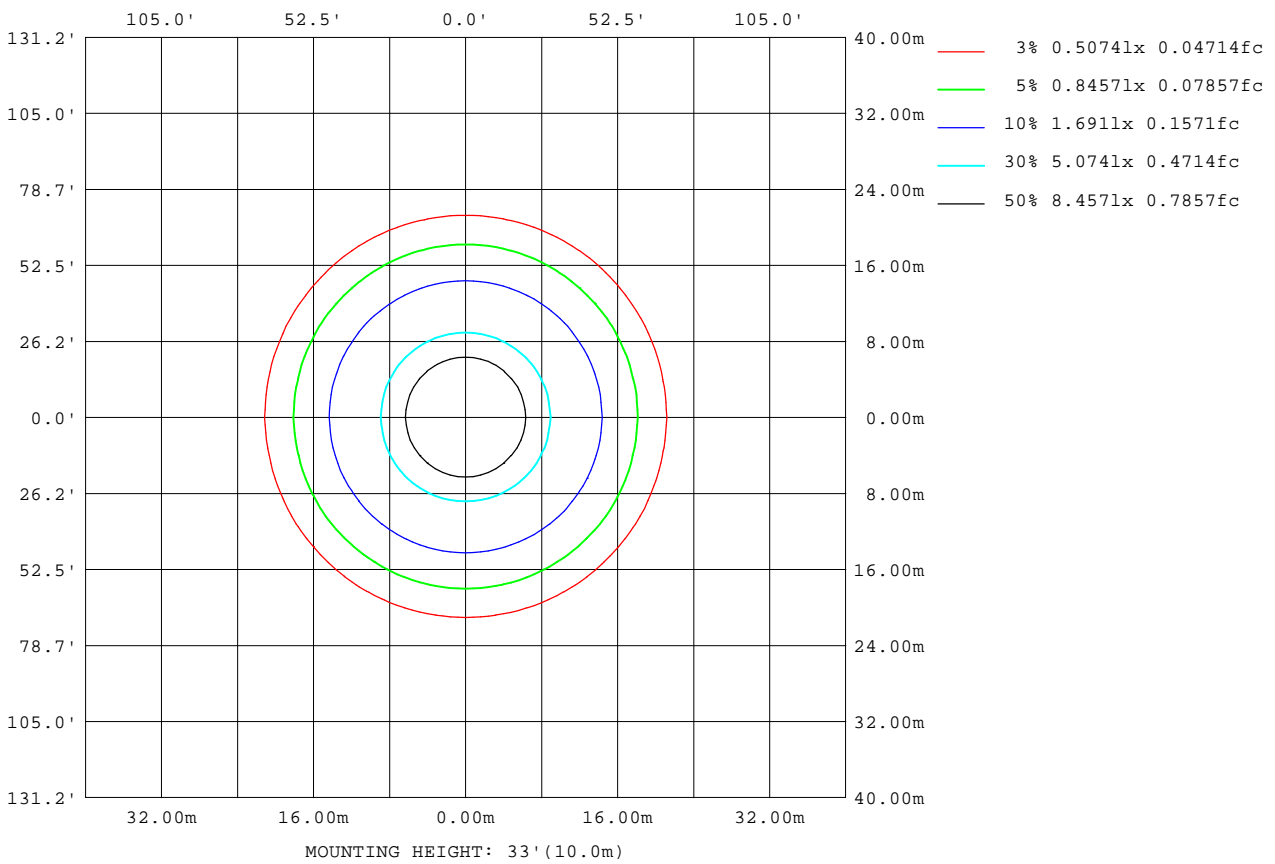
C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 22DEG  
 Operators: HUA  
 Test Date: 2017-12-13

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity: 43%  
 Test Distance: 12.218m [K=1.0000]  
 Remarks:



ISOLUX DIAGRAM

|  |                  |                           |
|--|------------------|---------------------------|
| Test:U:120.1V I:0.3428A P:41.12W PF:0.9860 Lamp Flux:4978.2x1 lm |                  |                           |
| NAME: ASD Lighting corp  | TYPE:LED PANEL   | WEIGHT:                   |
| SPEC.: ASD-ELP05-24D40CC-STD(5000K)                              | DIM.: 1213x603mm | SERIAL No.:BLD20171213P05 |
| MFR.: ASD Lighting corp  | SUR.:0.558*1.17  | Shielding Angle:          |



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:22DEG  
 Operators:HUA  
 Test Date:2017-12-13

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:43%  
 Test Distance:12.218m [K=1.0000]  
 Remarks:

## LED Avg.L Report

|  |                  |                           |
|--|------------------|---------------------------|
| Test:U:120.1V I:0.3428A P:41.12W PF:0.9860 Lamp Flux:4978.2x1 lm |                  |                           |
| NAME: ASD Lighting corp  | TYPE:LED PANEL   | WEIGHT:                   |
| SPEC.: ASD-ELP05-24D40CC-STD(5000K)                              | DIM.: 1213x603mm | SERIAL No.:BLD20171213P05 |
| MFR.: ASD Lighting corp  | SUR.:0.558*1.17  | Shielding Angle:          |

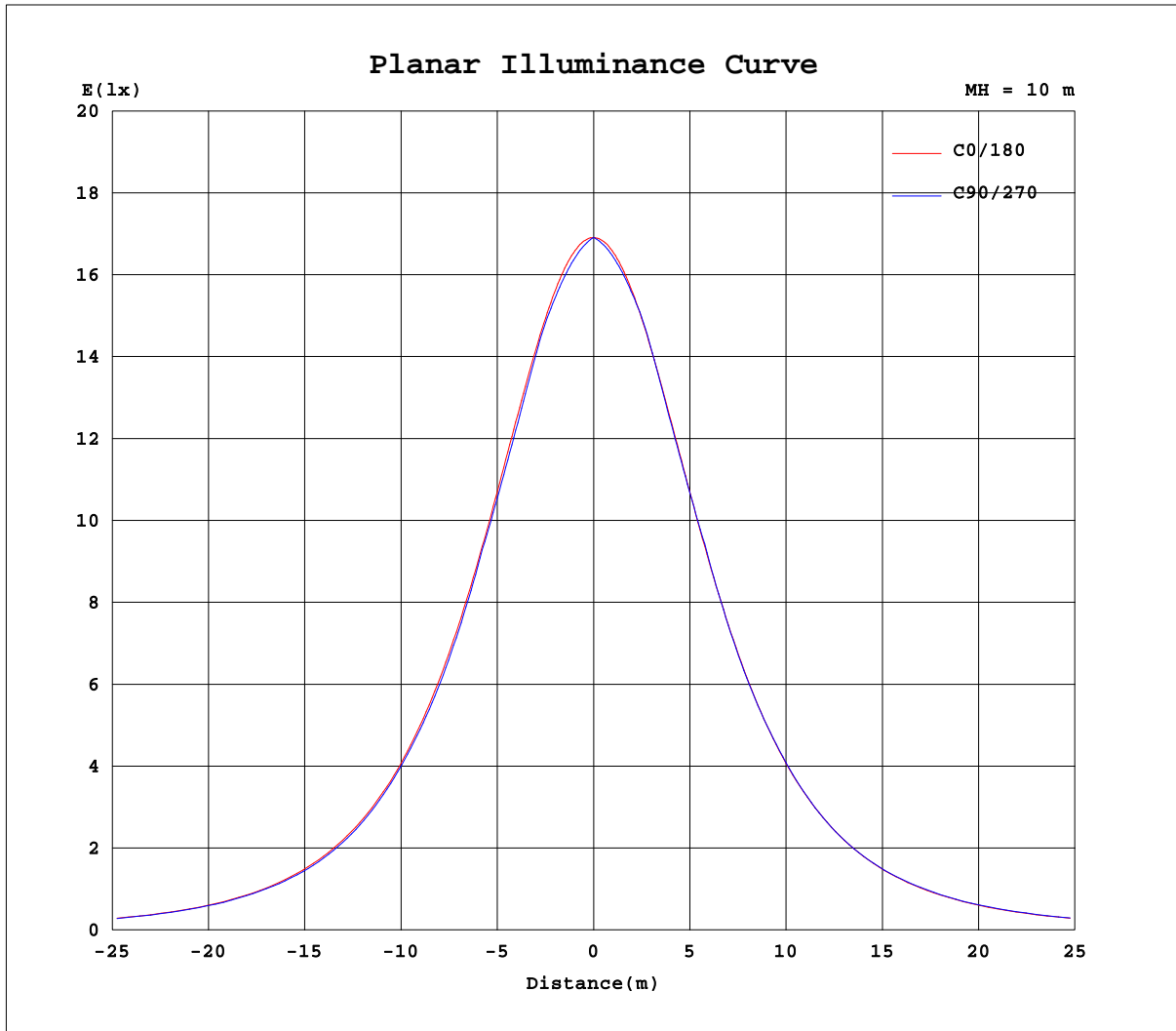
| AvgL           | cd/m2 |
|----------------|-------|
| L_0~180(65)av  | 2326  |
| L_0~180(75)av  | 2160  |
| L_0~180(85)av  | 1346  |
| L_90~270(65)av | 2323  |
| L_90~270(75)av | 2198  |
| L_90~270(85)av | 1983  |
| L_45(65)av     | 2313  |
| L_45(75)av     | 2179  |
| L_45(85)av     | 1922  |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:22DEG  
 Operators:HUA  
 Test Date:2017-12-13

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:43%  
 Test Distance:12.218m [K=1.0000]  
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 22DEG  
 Operators: HUA  
 Test Date: 2017-12-13

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity: 43%  
 Test Distance: 12.218m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

|  |                  |                           |
|--|------------------|---------------------------|
| Test:U:120.1V I:0.3428A P:41.12W PF:0.9860 Lamp Flux:4978.2x1 lm |                  |                           |
| NAME: ASD Lighting corp  | TYPE:LED PANEL   | WEIGHT:                   |
| SPEC.: ASD-ELP05-24D40CC-STD(5000K)                              | DIM.: 1213x603mm | SERIAL No.:BLD20171213P05 |
| MFR.: ASD Lighting corp  | SUR.:0.558*1.17  | Shielding Angle:          |

Table--1

UNIT: cd

| C(DEG)<br>γ (DEG) | 0    | 5    | 10   | 15   | 20   | 25   | 30   | 35   | 40   | 45   | 50   | 55   | 60   | 65   | 70   | 75   | 80   | 85   | 90   |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0                 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 |
| 5                 | 1684 | 1682 | 1680 | 1679 | 1677 | 1676 | 1674 | 1673 | 1672 | 1671 | 1670 | 1670 | 1669 | 1669 | 1668 | 1668 | 1668 | 1668 | 1668 |
| 10                | 1663 | 1660 | 1656 | 1653 | 1651 | 1649 | 1647 | 1646 | 1645 | 1644 | 1644 | 1643 | 1643 | 1643 | 1643 | 1644 | 1644 | 1644 | 1644 |
| 15                | 1629 | 1623 | 1618 | 1615 | 1612 | 1610 | 1610 | 1609 | 1610 | 1611 | 1612 | 1613 | 1615 | 1616 | 1617 | 1616 | 1616 | 1616 | 1616 |
| 20                | 1580 | 1573 | 1568 | 1564 | 1562 | 1562 | 1563 | 1565 | 1567 | 1569 | 1569 | 1566 | 1564 | 1561 | 1560 | 1558 | 1558 | 1557 | 1557 |
| 25                | 1519 | 1510 | 1505 | 1502 | 1501 | 1503 | 1506 | 1508 | 1506 | 1501 | 1498 | 1496 | 1495 | 1494 | 1494 | 1494 | 1494 | 1494 | 1494 |
| 30                | 1445 | 1435 | 1429 | 1428 | 1430 | 1435 | 1434 | 1428 | 1424 | 1422 | 1422 | 1422 | 1424 | 1426 | 1427 | 1429 | 1430 | 1431 | 1432 |
| 35                | 1358 | 1348 | 1343 | 1344 | 1349 | 1348 | 1341 | 1338 | 1337 | 1339 | 1342 | 1347 | 1343 | 1340 | 1337 | 1335 | 1334 | 1333 | 1333 |
| 40                | 1261 | 1250 | 1247 | 1250 | 1253 | 1245 | 1242 | 1243 | 1247 | 1249 | 1243 | 1240 | 1238 | 1236 | 1236 | 1235 | 1235 | 1235 | 1235 |
| 45                | 1154 | 1143 | 1141 | 1147 | 1140 | 1136 | 1138 | 1144 | 1138 | 1134 | 1132 | 1131 | 1132 | 1133 | 1134 | 1135 | 1135 | 1134 | 1134 |
| 50                | 1036 | 1026 | 1027 | 1028 | 1022 | 1024 | 1027 | 1021 | 1018 | 1018 | 1020 | 1022 | 1021 | 1018 | 1016 | 1015 | 1014 | 1013 | 1012 |
| 55                | 911  | 901  | 907  | 900  | 900  | 903  | 897  | 896  | 898  | 900  | 897  | 894  | 892  | 891  | 890  | 889  | 889  | 888  | 888  |
| 60                | 779  | 771  | 775  | 769  | 774  | 768  | 768  | 772  | 769  | 766  | 764  | 763  | 763  | 763  | 764  | 764  | 764  | 764  | 764  |
| 65                | 642  | 637  | 635  | 638  | 634  | 636  | 637  | 634  | 633  | 633  | 633  | 634  | 633  | 632  | 631  | 631  | 630  | 629  | 629  |
| 70                | 503  | 501  | 495  | 493  | 494  | 496  | 496  | 498  | 500  | 499  | 499  | 498  | 498  | 497  | 497  | 496  | 496  | 495  | 495  |
| 75                | 365  | 355  | 345  | 346  | 349  | 355  | 359  | 363  | 364  | 365  | 365  | 365  | 364  | 364  | 364  | 363  | 362  | 362  | 361  |
| 80                | 222  | 197  | 199  | 206  | 214  | 222  | 227  | 231  | 232  | 233  | 233  | 232  | 233  | 233  | 233  | 233  | 233  | 233  | 232  |
| 85                | 77.9 | 73.0 | 80.8 | 89.2 | 96.1 | 101  | 105  | 108  | 109  | 110  | 111  | 110  | 110  | 110  | 110  | 110  | 110  | 110  | 110  |
| 90                | 1.23 | 4.55 | 5.04 | 6.08 | 7.40 | 8.88 | 10.3 | 11.5 | 12.7 | 13.9 | 14.9 | 15.7 | 16.4 | 17.0 | 17.7 | 18.3 | 18.9 | 19.2 | 19.3 |
| 95                | 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 | 0.00 | 0.00 |
| 100               | 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 | 0.00 | 0.00 |
| 105               | 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 | 0.00 | 0.00 |
| 110               | 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 | 0.00 | 0.00 |
| 115               | 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 | 0.00 | 0.00 |
| 120               | 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 | 0.00 | 0.00 |
| 125               | 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 | 0.00 | 0.00 |
| 130               | 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 | 0.00 | 0.00 |
| 135               | 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 | 0.00 | 0.00 |
| 140               | 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 | 0.00 | 0.00 |
| 145               | 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 | 0.00 | 0.00 |
| 150               | 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 | 0.00 | 0.00 |
| 155               | 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 | 0.00 | 0.00 |
| 160               | 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 | 0.00 | 0.00 |
| 165               | 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 | 0.00 | 0.00 |
| 170               | 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 | 0.00 | 0.00 |
| 175               | 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 | 0.00 | 0.00 |
| 180               | 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 | 0.00 | 0.00 |

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:22DEG  
 Operators:HUA  
 Test Date:2017-12-13

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:43%  
 Test Distance:12.218m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

|  |                  |                           |
|--|------------------|---------------------------|
| Test:U:120.1V I:0.3428A P:41.12W PF:0.9860 Lamp Flux:4978.2x1 lm |                  |                           |
| NAME: ASD Lighting corp  | TYPE:LED PANEL   | WEIGHT:                   |
| SPEC.: ASD-ELP05-24D40CC-STD(5000K)                              | DIM.: 1213x603mm | SERIAL No.:BLD20171213P05 |
| MFR.: ASD Lighting corp  | SUR.:0.558*1.17  | Shielding Angle:          |

Table--2

UNIT: cd

| C(DEG)<br>γ (DEG) | 95   | 100  | 105  | 110  | 115  | 120  | 125  | 130  | 135  | 140  | 145  | 150  | 155  | 160  | 165  | 170  | 175  | 180  | 185  |
|-------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0                 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 |
| 5                 | 1668 | 1668 | 1668 | 1668 | 1668 | 1669 | 1669 | 1670 | 1671 | 1672 | 1673 | 1674 | 1675 | 1677 | 1678 | 1680 | 1682 | 1684 | 1683 |
| 10                | 1644 | 1643 | 1643 | 1643 | 1643 | 1643 | 1643 | 1643 | 1644 | 1644 | 1645 | 1646 | 1648 | 1650 | 1652 | 1656 | 1659 | 1663 | 1660 |
| 15                | 1616 | 1616 | 1616 | 1616 | 1615 | 1614 | 1612 | 1611 | 1609 | 1609 | 1608 | 1608 | 1609 | 1611 | 1614 | 1617 | 1622 | 1628 | 1624 |
| 20                | 1557 | 1557 | 1558 | 1559 | 1560 | 1562 | 1565 | 1567 | 1567 | 1565 | 1563 | 1561 | 1560 | 1561 | 1563 | 1567 | 1572 | 1580 | 1574 |
| 25                | 1494 | 1494 | 1493 | 1493 | 1493 | 1494 | 1495 | 1496 | 1499 | 1503 | 1506 | 1504 | 1500 | 1499 | 1500 | 1503 | 1509 | 1518 | 1511 |
| 30                | 1431 | 1430 | 1428 | 1427 | 1425 | 1423 | 1421 | 1420 | 1420 | 1422 | 1425 | 1431 | 1431 | 1427 | 1425 | 1427 | 1433 | 1443 | 1436 |
| 35                | 1333 | 1333 | 1334 | 1336 | 1338 | 1341 | 1345 | 1341 | 1337 | 1335 | 1335 | 1338 | 1345 | 1345 | 1341 | 1341 | 1346 | 1357 | 1349 |
| 40                | 1235 | 1234 | 1234 | 1234 | 1234 | 1236 | 1238 | 1241 | 1247 | 1245 | 1240 | 1239 | 1242 | 1249 | 1246 | 1244 | 1248 | 1259 | 1251 |
| 45                | 1134 | 1134 | 1134 | 1132 | 1130 | 1129 | 1128 | 1129 | 1131 | 1135 | 1142 | 1135 | 1133 | 1136 | 1142 | 1137 | 1140 | 1152 | 1143 |
| 50                | 1012 | 1012 | 1013 | 1014 | 1015 | 1018 | 1018 | 1016 | 1014 | 1014 | 1017 | 1024 | 1020 | 1018 | 1023 | 1023 | 1023 | 1035 | 1027 |
| 55                | 888  | 887  | 887  | 887  | 888  | 888  | 890  | 892  | 895  | 893  | 891  | 893  | 900  | 896  | 895  | 902  | 898  | 909  | 902  |
| 60                | 763  | 763  | 762  | 761  | 760  | 760  | 759  | 759  | 760  | 763  | 765  | 763  | 763  | 770  | 765  | 769  | 767  | 777  | 771  |
| 65                | 629  | 628  | 628  | 628  | 629  | 629  | 630  | 629  | 627  | 626  | 627  | 630  | 628  | 627  | 633  | 630  | 633  | 641  | 637  |
| 70                | 494  | 494  | 494  | 493  | 493  | 493  | 493  | 493  | 494  | 494  | 492  | 490  | 488  | 485  | 484  | 486  | 495  | 502  | 502  |
| 75                | 361  | 361  | 361  | 360  | 360  | 360  | 359  | 359  | 359  | 358  | 357  | 354  | 349  | 342  | 338  | 337  | 344  | 365  | 363  |
| 80                | 232  | 232  | 231  | 230  | 230  | 229  | 228  | 228  | 228  | 227  | 225  | 221  | 216  | 210  | 201  | 192  | 192  | 219  | 226  |
| 85                | 109  | 109  | 108  | 108  | 108  | 107  | 107  | 106  | 106  | 104  | 103  | 100  | 96.1 | 91.7 | 84.2 | 74.9 | 64.8 | 75.2 | 92.7 |
| 90                | 19.0 | 18.5 | 17.7 | 16.9 | 16.0 | 15.0 | 13.9 | 12.6 | 11.5 | 10.5 | 9.48 | 8.45 | 7.33 | 6.12 | 4.99 | 4.06 | 3.62 | 2.19 | 1.52 |
| 95                | 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 | 0.00 | 0.00 |
| 100               | 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 | 0.00 | 0.00 |
| 105               | 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 | 0.00 | 0.00 |
| 110               | 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 | 0.00 | 0.00 |
| 115               | 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 | 0.00 | 0.00 |
| 120               | 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 | 0.00 | 0.00 |
| 125               | 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 | 0.00 | 0.00 |
| 130               | 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 | 0.00 | 0.00 |
| 135               | 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 | 0.00 | 0.00 |
| 140               | 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 | 0.00 | 0.00 |
| 145               | 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 | 0.00 | 0.00 |
| 150               | 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 | 0.00 | 0.00 |
| 155               | 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 | 0.00 | 0.00 |
| 160               | 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 | 0.00 | 0.00 |
| 165               | 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 | 0.00 | 0.00 |
| 170               | 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 | 0.00 | 0.00 |
| 175               | 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 | 0.00 | 0.00 |
| 180               | 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 | 0.00 | 0.00 |

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:22DEG  
 Operators:HUA  
 Test Date:2017-12-13

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:43%  
 Test Distance:12.218m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

|  |                  |                           |
|--|------------------|---------------------------|
| Test:U:120.1V I:0.3428A P:41.12W PF:0.9860 Lamp Flux:4978.2x1 lm |                  |                           |
| NAME: ASD Lighting corp  | TYPE:LED PANEL   | WEIGHT:                   |
| SPEC.: ASD-ELP05-24D40CC-STD(5000K)                              | DIM.: 1213x603mm | SERIAL No.:BLD20171213P05 |
| MFR.: ASD Lighting corp  | SUR.:0.558*1.17  | Shielding Angle:          |

Table--3

UNIT: cd

| C( DEG)<br>γ (DEG) | 190  | 195  | 200  | 205  | 210  | 215  | 220  | 225  | 230  | 235  | 240  | 245  | 250  | 255  | 260  | 265  | 270  | 275  | 280  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 0                  | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 |
| 5                  | 1681 | 1680 | 1679 | 1678 | 1677 | 1676 | 1675 | 1675 | 1674 | 1674 | 1673 | 1673 | 1673 | 1673 | 1673 | 1673 | 1673 | 1673 | 1673 |
| 10                 | 1657 | 1655 | 1654 | 1652 | 1651 | 1651 | 1651 | 1651 | 1651 | 1652 | 1652 | 1653 | 1653 | 1654 | 1654 | 1654 | 1654 | 1654 | 1654 |
| 15                 | 1620 | 1618 | 1617 | 1616 | 1616 | 1617 | 1619 | 1621 | 1623 | 1625 | 1627 | 1630 | 1631 | 1631 | 1631 | 1631 | 1632 | 1631 | 1631 |
| 20                 | 1570 | 1568 | 1568 | 1569 | 1571 | 1575 | 1579 | 1582 | 1583 | 1581 | 1579 | 1577 | 1576 | 1575 | 1575 | 1574 | 1574 | 1574 | 1575 |
| 25                 | 1507 | 1506 | 1508 | 1511 | 1517 | 1520 | 1519 | 1515 | 1513 | 1512 | 1511 | 1511 | 1511 | 1512 | 1512 | 1513 | 1513 | 1513 | 1512 |
| 30                 | 1433 | 1433 | 1437 | 1445 | 1446 | 1441 | 1438 | 1437 | 1437 | 1439 | 1441 | 1443 | 1446 | 1448 | 1450 | 1451 | 1451 | 1451 | 1450 |
| 35                 | 1347 | 1350 | 1357 | 1358 | 1353 | 1351 | 1352 | 1354 | 1359 | 1364 | 1361 | 1358 | 1356 | 1355 | 1354 | 1354 | 1354 | 1354 | 1355 |
| 40                 | 1250 | 1256 | 1262 | 1255 | 1254 | 1256 | 1261 | 1265 | 1260 | 1257 | 1256 | 1255 | 1255 | 1256 | 1256 | 1257 | 1257 | 1257 | 1257 |
| 45                 | 1145 | 1153 | 1148 | 1146 | 1150 | 1158 | 1152 | 1149 | 1148 | 1149 | 1150 | 1152 | 1155 | 1156 | 1157 | 1157 | 1157 | 1157 | 1157 |
| 50                 | 1031 | 1034 | 1030 | 1033 | 1039 | 1033 | 1031 | 1033 | 1035 | 1039 | 1039 | 1038 | 1037 | 1036 | 1036 | 1036 | 1036 | 1036 | 1036 |
| 55                 | 910  | 905  | 907  | 913  | 907  | 907  | 910  | 914  | 912  | 911  | 910  | 910  | 910  | 911  | 911  | 912  | 912  | 912  | 912  |
| 60                 | 777  | 774  | 781  | 776  | 777  | 781  | 780  | 779  | 779  | 780  | 781  | 783  | 785  | 786  | 787  | 788  | 788  | 788  | 787  |
| 65                 | 638  | 643  | 640  | 642  | 644  | 642  | 643  | 645  | 648  | 650  | 650  | 651  | 651  | 652  | 652  | 652  | 652  | 653  | 652  |
| 70                 | 501  | 502  | 504  | 504  | 504  | 507  | 510  | 511  | 511  | 512  | 513  | 514  | 515  | 516  | 516  | 517  | 517  | 517  | 516  |
| 75                 | 364  | 366  | 364  | 368  | 370  | 371  | 373  | 374  | 375  | 377  | 378  | 379  | 380  | 380  | 381  | 381  | 381  | 381  | 381  |
| 80                 | 226  | 226  | 228  | 230  | 233  | 236  | 238  | 240  | 242  | 243  | 244  | 245  | 246  | 246  | 247  | 247  | 247  | 247  | 247  |
| 85                 | 91.5 | 92.8 | 97.7 | 101  | 104  | 107  | 109  | 111  | 112  | 113  | 114  | 114  | 115  | 115  | 116  | 116  | 116  | 116  | 115  |
| 90                 | 1.53 | 1.54 | 2.32 | 3.82 | 5.42 | 7.19 | 8.96 | 10.7 | 12.3 | 13.9 | 15.2 | 16.3 | 17.2 | 18.0 | 18.7 | 19.2 | 19.2 | 18.9 | 18.3 |
| 95                 | 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 | 0.00 | 0.00 |
| 100                | 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 | 0.00 | 0.00 |
| 105                | 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 | 0.00 | 0.00 |
| 110                | 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 | 0.00 | 0.00 |
| 115                | 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 | 0.00 | 0.00 |
| 120                | 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 | 0.00 | 0.00 |
| 125                | 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 | 0.00 | 0.00 |
| 130                | 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 | 0.00 | 0.00 |
| 135                | 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 | 0.00 | 0.00 |
| 140                | 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 | 0.00 | 0.00 |
| 145                | 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 | 0.00 | 0.00 |
| 150                | 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 | 0.00 | 0.00 |
| 155                | 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 | 0.00 | 0.00 |
| 160                | 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 | 0.00 | 0.00 |
| 165                | 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 | 0.00 | 0.00 |
| 170                | 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 | 0.00 | 0.00 |
| 175                | 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 | 0.00 | 0.00 |
| 180                | 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 | 0.00 | 0.00 |

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:22DEG  
 Operators:HUA  
 Test Date:2017-12-13

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:43%  
 Test Distance:12.218m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

|  |                  |                           |
|--|------------------|---------------------------|
| Test:U:120.1V I:0.3428A P:41.12W PF:0.9860 Lamp Flux:4978.2x1 lm |                  |                           |
| NAME: ASD Lighting corp  | TYPE:LED PANEL   | WEIGHT:                   |
| SPEC.: ASD-ELP05-24D40CC-STD(5000K)                              | DIM.: 1213x603mm | SERIAL No.:BLD20171213P05 |
| MFR.: ASD Lighting corp  | SUR.:0.558*1.17  | Shielding Angle:          |

Table--4

UNIT: cd

| C( DEG)<br>γ (DEG) | 285  | 290  | 295  | 300  | 305  | 310  | 315  | 320  | 325  | 330  | 335  | 340  | 345  | 350  | 355  |  |  |  |  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|
| 0                  | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 | 1691 |  |  |  |  |
| 5                  | 1673 | 1673 | 1673 | 1674 | 1674 | 1674 | 1675 | 1675 | 1676 | 1677 | 1678 | 1679 | 1680 | 1681 | 1683 |  |  |  |  |
| 10                 | 1654 | 1653 | 1653 | 1652 | 1652 | 1652 | 1651 | 1651 | 1651 | 1652 | 1653 | 1654 | 1656 | 1658 | 1660 |  |  |  |  |
| 15                 | 1631 | 1631 | 1630 | 1628 | 1626 | 1623 | 1621 | 1620 | 1618 | 1617 | 1617 | 1617 | 1619 | 1621 | 1624 |  |  |  |  |
| 20                 | 1575 | 1576 | 1577 | 1579 | 1582 | 1584 | 1583 | 1580 | 1576 | 1573 | 1570 | 1569 | 1569 | 1571 | 1575 |  |  |  |  |
| 25                 | 1512 | 1512 | 1511 | 1512 | 1512 | 1514 | 1517 | 1521 | 1522 | 1519 | 1513 | 1509 | 1508 | 1509 | 1512 |  |  |  |  |
| 30                 | 1448 | 1446 | 1444 | 1442 | 1440 | 1438 | 1438 | 1439 | 1442 | 1448 | 1447 | 1439 | 1435 | 1434 | 1437 |  |  |  |  |
| 35                 | 1355 | 1357 | 1359 | 1361 | 1364 | 1359 | 1355 | 1353 | 1352 | 1355 | 1361 | 1360 | 1352 | 1349 | 1351 |  |  |  |  |
| 40                 | 1256 | 1256 | 1256 | 1257 | 1258 | 1261 | 1266 | 1263 | 1257 | 1256 | 1258 | 1265 | 1259 | 1253 | 1253 |  |  |  |  |
| 45                 | 1157 | 1155 | 1153 | 1151 | 1150 | 1149 | 1151 | 1153 | 1159 | 1151 | 1149 | 1151 | 1156 | 1148 | 1146 |  |  |  |  |
| 50                 | 1037 | 1038 | 1039 | 1041 | 1041 | 1038 | 1034 | 1033 | 1035 | 1040 | 1035 | 1032 | 1038 | 1034 | 1029 |  |  |  |  |
| 55                 | 912  | 911  | 911  | 912  | 912  | 914  | 916  | 913  | 909  | 909  | 914  | 909  | 909  | 914  | 905  |  |  |  |  |
| 60                 | 786  | 785  | 784  | 783  | 782  | 781  | 781  | 783  | 784  | 780  | 778  | 783  | 776  | 781  | 774  |  |  |  |  |
| 65                 | 652  | 652  | 652  | 652  | 651  | 649  | 647  | 645  | 645  | 647  | 644  | 641  | 644  | 640  | 640  |  |  |  |  |
| 70                 | 516  | 516  | 515  | 515  | 514  | 513  | 512  | 511  | 508  | 506  | 506  | 505  | 502  | 502  | 504  |  |  |  |  |
| 75                 | 381  | 381  | 380  | 379  | 378  | 377  | 375  | 374  | 372  | 370  | 368  | 365  | 367  | 365  | 365  |  |  |  |  |
| 80                 | 247  | 246  | 246  | 245  | 243  | 242  | 241  | 239  | 236  | 233  | 229  | 228  | 226  | 227  | 225  |  |  |  |  |
| 85                 | 115  | 114  | 114  | 113  | 112  | 112  | 111  | 109  | 107  | 105  | 102  | 98.2 | 93.3 | 91.4 | 93.1 |  |  |  |  |
| 90                 | 17.5 | 16.7 | 15.7 | 14.6 | 13.2 | 11.7 | 10.2 | 8.59 | 6.98 | 5.49 | 4.01 | 2.67 | 1.60 | 1.46 | 1.46 |  |  |  |  |
| 95                 | 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 |  |  |  |  |
| 100                | 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 |  |  |  |  |
| 105                | 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 |  |  |  |  |
| 110                | 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 |  |  |  |  |
| 115                | 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 |  |  |  |  |
| 120                | 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 |  |  |  |  |
| 125                | 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 |  |  |  |  |
| 130                | 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 |  |  |  |  |
| 135                | 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 |  |  |  |  |
| 140                | 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 |  |  |  |  |
| 145                | 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 |  |  |  |  |
| 150                | 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 |  |  |  |  |
| 155                | 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 |  |  |  |  |
| 160                | 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 |  |  |  |  |
| 165                | 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 |  |  |  |  |
| 170                | 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 |  |  |  |  |
| 175                | 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 |  |  |  |  |
| 180                | 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 |  |  |  |  |

C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature:22DEG  
 Operators:HUA  
 Test Date:2017-12-13

γ Range: 0 - 180DEG  
 γ Interval: 0.5DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.350  
 Humidity:43%  
 Test Distance:12.218m [K=1.0000]  
 Remarks: