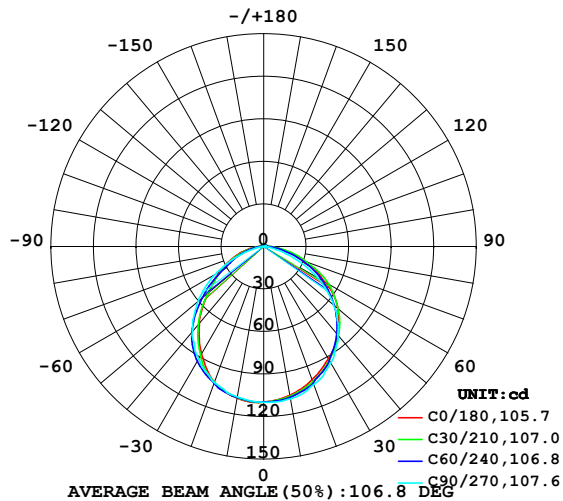


LUMINAIRE PHOTOMETRIC TEST REPORT

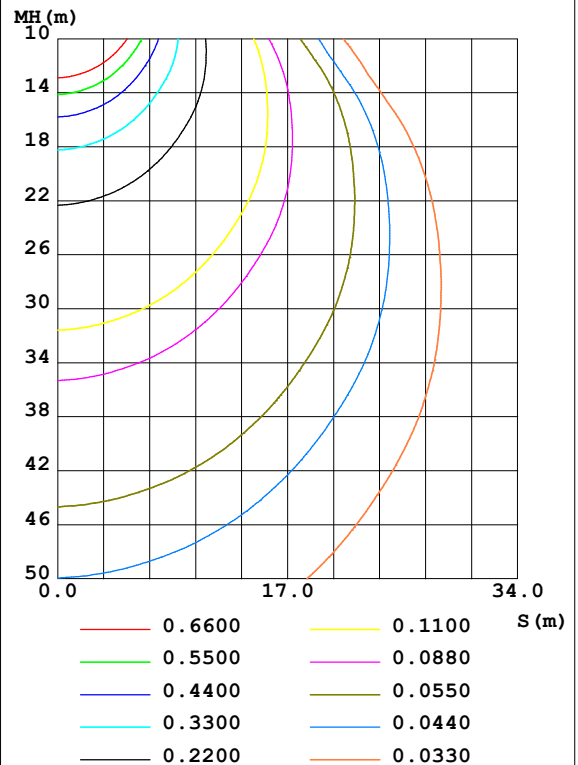
| | | |
|--|--------------|------------------|
| Test:U:24.00V I:0.3192A P:7.661W PF:1.000 Freq:50.00Hz Lamp Flux:4.28103x70 lm | | |
| NAME: P01-24V-5050-70-DMX-RGBW(5000K)-G | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: OLYMPIA | SUR.:1*0.014 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA | | | | Eff: 39.12 lm/W |
|------------------|---------|-----------------------|--------|-------------------|----------|-----------------|
| MODEL | 5050 | I _{max} (cd) | 110.3 | S/MH(C0/180) | 1.19 | |
| NOMINAL POWER(W) | 12 | LOR(%) | 100.0 | S/MH(C90/270) | 1.24 | |
| RATED VOLTAGE(V) | 24 | TOTAL FLUX(lm) | 299.67 | η UP,DN(C0-180) | 0.9,50.3 | |
| NOMINAL FLUX(lm) | 4.28103 | CIE CLASS | DIRECT | η UP,DN(C180-360) | 0.6,48.2 | |
| LAMPS INSIDE | 70 | η up(%) | 1.5 | CIBSE SHR NOM | 1.25 | |
| TEST VOLTAGE(V) | 24 | η down(%) | 98.5 | CIBSE SHR MAX | 1.35 | |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LPC
 Test Date:2021-10-22

γ Range: 0 - 120DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:9.200m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| γ | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | γ | Φ zone | Φ total | %lum, lamp |
|----------|-----------------------|-------|--------|-------|-------|-------|--------|-------|----------|-------------|--------------|------------|
| 10 | 106.5 | 107.6 | 109.2 | 109.2 | 108.7 | 108.2 | 107.7 | 106.9 | 0- 10 | 10.40 | 10.40 | 3.47,3.47 |
| 20 | 100.0 | 102.0 | 103.6 | 103.7 | 101.9 | 102.3 | 102.1 | 100.7 | 10- 20 | 29.80 | 40.20 | 13.4,13.4 |
| 30 | 91.50 | 92.68 | 94.86 | 92.35 | 87.80 | 91.33 | 91.66 | 91.51 | 20- 30 | 44.86 | 85.05 | 28.4,28.4 |
| 40 | 81.53 | 81.19 | 81.36 | 76.01 | 70.76 | 75.27 | 78.12 | 80.60 | 30- 40 | 53.40 | 138.5 | 46.2,46.2 |
| 50 | 68.34 | 66.88 | 64.46 | 55.04 | 50.94 | 54.13 | 60.53 | 66.41 | 40- 50 | 53.83 | 192.3 | 64.2,64.2 |
| 60 | 49.41 | 50.35 | 43.58 | 34.87 | 35.55 | 34.10 | 39.58 | 50.01 | 50- 60 | 46.09 | 238.4 | 79.5,79.5 |
| 70 | 29.72 | 30.52 | 20.43 | 20.53 | 22.46 | 19.79 | 17.71 | 30.98 | 60- 70 | 32.92 | 271.3 | 90.5,90.5 |
| 80 | 13.59 | 13.46 | 4.596 | 8.918 | 10.88 | 8.373 | 3.195 | 13.97 | 70- 80 | 17.88 | 289.2 | 96.5,96.5 |
| 90 | 3.776 | 2.905 | 0.9903 | 2.292 | 2.724 | 1.745 | 0.5126 | 2.944 | 80- 90 | 6.005 | 295.2 | 98.5,98.5 |
| 100 | 1.307 | 1.566 | 1.167 | 1.681 | 1.035 | 1.133 | 0.7080 | 1.133 | 90-100 | 1.636 | 296.8 | 99,99 |
| 110 | 1.347 | 1.616 | 1.362 | 1.751 | 1.126 | 1.267 | 0.8644 | 1.171 | 100-110 | 1.372 | 298.2 | 99.5,99.5 |
| 120 | 1.493 | 1.636 | 1.493 | 1.875 | 1.236 | 1.397 | 1.030 | 1.196 | 110-120 | 1.415 | 299.6 | 100,100 |
| 130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120-130 | 0.0687 | 299.7 | 100,100 |
| 140 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 130-140 | 0 | 299.7 | 100,100 |
| 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 140-150 | 0 | 299.7 | 100,100 |
| 160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150-160 | 0 | 299.7 | 100,100 |
| 170 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 160-170 | 0 | 299.7 | 100,100 |
| 180 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 170-180 | 0 | 299.7 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

Conical surface Flux(90deg): 165.89 lm

%lum = 55.4%

%lamp = 55.4%

Conical surface Flux(120deg): 238.37 lm

%lum = 79.5%

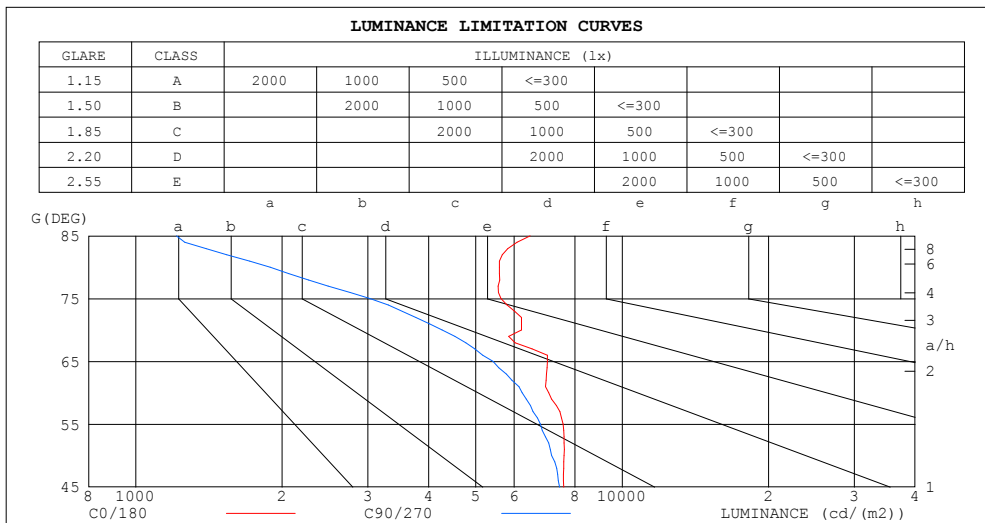
%lamp = 79.5%

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LPC
 Test Date:2021-10-22

γ Range: 0 - 120DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:9.200m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|--|--------------|------------------|
| Test:U:24.00V I:0.3192A P:7.661W PF:1.000 Freq:50.00Hz Lamp Flux:4.28103x70 lm | | |
| NAME: P01-24V-5050-70-DMX-RGBW(5000K) -G | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: OLYMPIA | SUR.:1*0.014 | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 6468 | 1213 |
| 80 | 5589 | 1890 |
| 75 | 5637 | 3032 |
| 70 | 6207 | 4268 |
| 65 | 7022 | 5427 |
| 60 | 7059 | 6226 |
| 55 | 7558 | 6787 |
| 50 | 7594 | 7163 |
| 45 | 7578 | 7437 |

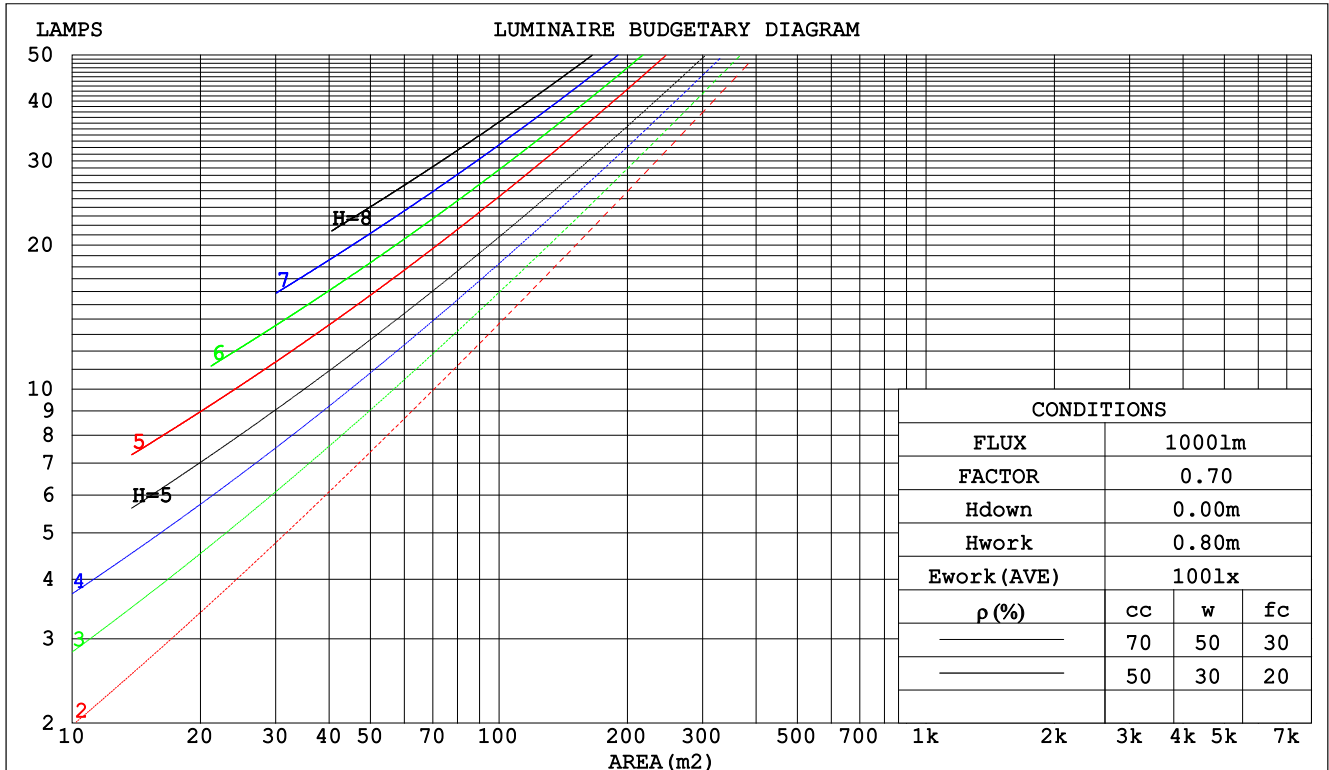
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-10-22

γ Range: 0 - 120DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|--|--------------|------------------|
| Test:U:24.00V I:0.3192A P:7.661W PF:1.000 Freq:50.00Hz Lamp Flux:4.28103x70 lm | | |
| NAME: P01-24V-5050-70-DMX-RGBW(5000K)-G | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: OLYMPIA | SUR.:1*0.014 | 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 | | | Coefficients of Utilization(CU) | | | | | | | | | | | | |
| 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 | .00 | .96 | 1.02 | .98 | .94 | .97 | .94 | .91 | .93 | .90 | .88 | .89 | .87 | .85 | .83 |
| 2.0 | .91 | .84 | .79 | .89 | .83 | .78 | .85 | .80 | .76 | .82 | .77 | .74 | .78 | .75 | .72 | .70 |
| 3.0 | .80 | .72 | .66 | .78 | .71 | .65 | .75 | .69 | .64 | .72 | .67 | .62 | .70 | .65 | .61 | .59 |
| 4.0 | .71 | .62 | .56 | .70 | .62 | .55 | .67 | .60 | .54 | .65 | .58 | .54 | .62 | .57 | .53 | .51 |
| 5.0 | .64 | .55 | .48 | .62 | .54 | .48 | .60 | .53 | .47 | .58 | .52 | .47 | .56 | .50 | .46 | .44 |
| 6.0 | .57 | .49 | .42 | .56 | .48 | .42 | .54 | .47 | .41 | .53 | .46 | .41 | .51 | .45 | .41 | .38 |
| 7.0 | .52 | .43 | .37 | .51 | .43 | .37 | .50 | .42 | .37 | .48 | .41 | .36 | .46 | .41 | .36 | .34 |
| 8.0 | .48 | .39 | .33 | .47 | .39 | .33 | .45 | .38 | .33 | .44 | .37 | .33 | .43 | .37 | .32 | .30 |
| 9.0 | .44 | .36 | .30 | .43 | .35 | .30 | .42 | .35 | .30 | .41 | .34 | .29 | .39 | .34 | .29 | .27 |
| 10.0 | .40 | .32 | .27 | .40 | .32 | .27 | .39 | .32 | .27 | .38 | .31 | .27 | .37 | .31 | .27 | .25 |



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LPC
 Test Date:2021-10-22

γ Range: 0 - 120DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:9.200m [K=1.0000]
 Remarks:

WEC AND CCEC

| | | |
|--|--------------|------------------|
| Test:U:24.00V I:0.3192A P:7.661W PF:1.000 Freq:50.00Hz Lamp Flux:4.28103x70 lm | | |
| NAME: P01-24V-5050-70-DMX-RGBW(5000K)-G | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: OLYMPIA | SUR.:1*0.014 | 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 | .302 | .172 | .054 | .294 | .168 | .053 | .280 | .161 | .051 | .267 | .154 | .049 | .255 | .148 | .048 | | |
| 2.0 | .284 | .155 | .048 | .277 | .153 | .047 | .265 | .147 | .046 | .253 | .142 | .044 | .243 | .137 | .043 | | |
| 3.0 | .263 | .140 | .042 | .257 | .138 | .041 | .246 | .133 | .041 | .236 | .129 | .040 | .227 | .125 | .039 | | |
| 4.0 | .243 | .126 | .037 | .238 | .125 | .037 | .228 | .121 | .036 | .219 | .118 | .036 | .211 | .115 | .035 | | |
| 5.0 | .225 | .115 | .033 | .221 | .113 | .033 | .212 | .110 | .033 | .204 | .108 | .032 | .196 | .105 | .032 | | |
| 6.0 | .209 | .105 | .030 | .205 | .104 | .030 | .198 | .101 | .029 | .190 | .099 | .029 | .184 | .097 | .029 | | |
| 7.0 | .195 | .097 | .027 | .192 | .095 | .027 | .185 | .093 | .027 | .178 | .091 | .027 | .172 | .089 | .026 | | |
| 8.0 | .183 | .089 | .025 | .179 | .088 | .025 | .173 | .086 | .025 | .167 | .085 | .024 | .162 | .083 | .024 | | |
| 9.0 | .171 | .083 | .023 | .168 | .082 | .023 | .163 | .080 | .023 | .157 | .079 | .023 | .152 | .077 | .022 | | |
| 10.0 | .161 | .077 | .021 | .159 | .077 | .021 | .154 | .075 | .021 | .149 | .074 | .021 | .144 | .073 | .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 | .202 | .202 | .202 | .173 | .173 | .173 | .118 | .118 | .118 | .068 | .068 | .068 | .022 | .022 | .022 | |
| 1.0 | .191 | .168 | .147 | .164 | .144 | .126 | .112 | .099 | .087 | .064 | .057 | .051 | .021 | .018 | .016 | |
| 2.0 | .183 | .144 | .111 | .157 | .124 | .096 | .107 | .085 | .067 | .062 | .050 | .039 | .020 | .016 | .013 | |
| 3.0 | .175 | .126 | .087 | .150 | .109 | .075 | .103 | .075 | .053 | .059 | .044 | .031 | .019 | .014 | .010 | |
| 4.0 | .167 | .113 | .071 | .143 | .097 | .062 | .099 | .068 | .043 | .057 | .040 | .026 | .018 | .013 | .008 | |
| 5.0 | .160 | .102 | .060 | .137 | .088 | .052 | .094 | .062 | .037 | .055 | .036 | .022 | .018 | .012 | .007 | |
| 6.0 | .153 | .094 | .052 | .131 | .081 | .045 | .090 | .057 | .032 | .053 | .033 | .019 | .017 | .011 | .006 | |
| 7.0 | .146 | .087 | .045 | .125 | .075 | .040 | .087 | .053 | .028 | .050 | .031 | .017 | .016 | .010 | .006 | |
| 8.0 | .140 | .081 | .041 | .120 | .070 | .036 | .083 | .049 | .025 | .048 | .029 | .015 | .016 | .010 | .005 | |
| 9.0 | .134 | .076 | .037 | .115 | .066 | .033 | .080 | .046 | .023 | .046 | .027 | .014 | .015 | .009 | .005 | |
| 10.0 | .128 | .072 | .035 | .110 | .062 | .030 | .077 | .044 | .021 | .045 | .026 | .013 | .014 | .009 | .004 | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-10-22

γ Range: 0 - 120DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | | |
|--|---------------|------------------|------|------|--------------|---------------|----------------|------------------|------|------|------|
| Test:U:24.00V I:0.3192A P:7.661W PF:1.000 Freq:50.00Hz Lamp Flux:4.28103x70 lm | | | | | | | | | | | |
| NAME: P01-24V-5050-70-DMX-RGBW(5000K)-G | | | | | TYPE: | | | WEIGHT: | | | |
| SPEC.: | | | | | DIM.: | | | SERIAL No.: | | | |
| MFR.: OLYMPIA | | | | | SUR.:1*0.014 | | | 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 | 24.4 | 25.9 | 24.7 | 26.1 | 26.3 | 23.8 | 25.3 | 24.1 | 25.5 | 25.7 | |
| | 3H | 25.8 | 27.2 | 26.2 | 27.5 | 27.7 | 24.9 | 26.3 | 25.2 | 26.5 | 26.8 |
| | 4H | 26.4 | 27.7 | 26.8 | 28.0 | 28.3 | 25.2 | 26.5 | 25.5 | 26.7 | 27.0 |
| | 6H | 26.9 | 28.1 | 27.2 | 28.4 | 28.7 | 25.3 | 26.5 | 25.6 | 26.8 | 27.1 |
| | 8H | 27.0 | 28.2 | 27.4 | 28.5 | 28.8 | 25.3 | 26.4 | 25.6 | 26.7 | 27.1 |
| | 12H | 27.2 | 28.3 | 27.6 | 28.6 | 29.0 | 25.2 | 26.3 | 25.6 | 26.7 | 27.0 |
| 4H | 2H | 25.0 | 26.3 | 25.3 | 26.5 | 26.8 | 24.5 | 25.8 | 24.9 | 26.1 | 26.4 |
| | 3H | 26.7 | 27.8 | 27.0 | 28.1 | 28.4 | 25.8 | 27.0 | 26.2 | 27.3 | 27.6 |
| | 4H | 27.4 | 28.4 | 27.8 | 28.8 | 29.1 | 26.3 | 27.3 | 26.7 | 27.6 | 28.0 |
| | 6H | 28.0 | 28.9 | 28.4 | 29.3 | 29.7 | 26.5 | 27.4 | 26.9 | 27.8 | 28.1 |
| | 8H | 28.2 | 29.1 | 28.7 | 29.5 | 29.9 | 26.5 | 27.3 | 26.9 | 27.7 | 28.1 |
| | 12H | 28.4 | 29.2 | 28.9 | 29.6 | 30.1 | 26.5 | 27.3 | 26.9 | 27.7 | 28.1 |
| 8H | 4H | 27.6 | 28.5 | 28.1 | 28.9 | 29.3 | 26.6 | 27.5 | 27.1 | 27.9 | 28.3 |
| | 6H | 28.4 | 29.1 | 28.9 | 29.6 | 30.0 | 27.0 | 27.7 | 27.5 | 28.2 | 28.6 |
| | 8H | 28.8 | 29.4 | 29.3 | 29.9 | 30.3 | 27.1 | 27.8 | 27.6 | 28.2 | 28.7 |
| | 12H | 29.1 | 29.7 | 29.6 | 30.1 | 30.6 | 27.2 | 27.7 | 27.7 | 28.2 | 28.7 |
| 12H | 4H | 27.6 | 28.4 | 28.1 | 28.8 | 29.3 | 26.7 | 27.5 | 27.1 | 27.9 | 28.3 |
| | 6H | 28.5 | 29.1 | 29.0 | 29.6 | 30.0 | 27.1 | 27.8 | 27.6 | 28.2 | 28.7 |
| | 8H | 28.9 | 29.4 | 29.4 | 29.9 | 30.4 | 27.3 | 27.8 | 27.8 | 28.3 | 28.8 |
| Variations with the observer position at spacings: | | | | | | | | | | | |
| S = 1.0H | + 0.2 / - 0.2 | | | | | + 0.2 / - 0.3 | | | | | |
| 1.5H | + 0.3 / - 0.3 | | | | | + 0.2 / - 0.4 | | | | | |
| 2.0H | + 0.2 / - 0.4 | | | | | + 0.2 / - 0.4 | | | | | |

CIE Pub.117, 299.7 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -4.2)

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-10-22

γ Range: 0 - 120DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|--|--------------|------------------|
| Test:U:24.00V I:0.3192A P:7.661W PF:1.000 Freq:50.00Hz Lamp Flux:4.28103x70 lm | | |
| NAME: P01-24V-5050-70-DMX-RGBW(5000K)-G | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: OLYMPIA | SUR.:1*0.014 | Shielding Angle: |

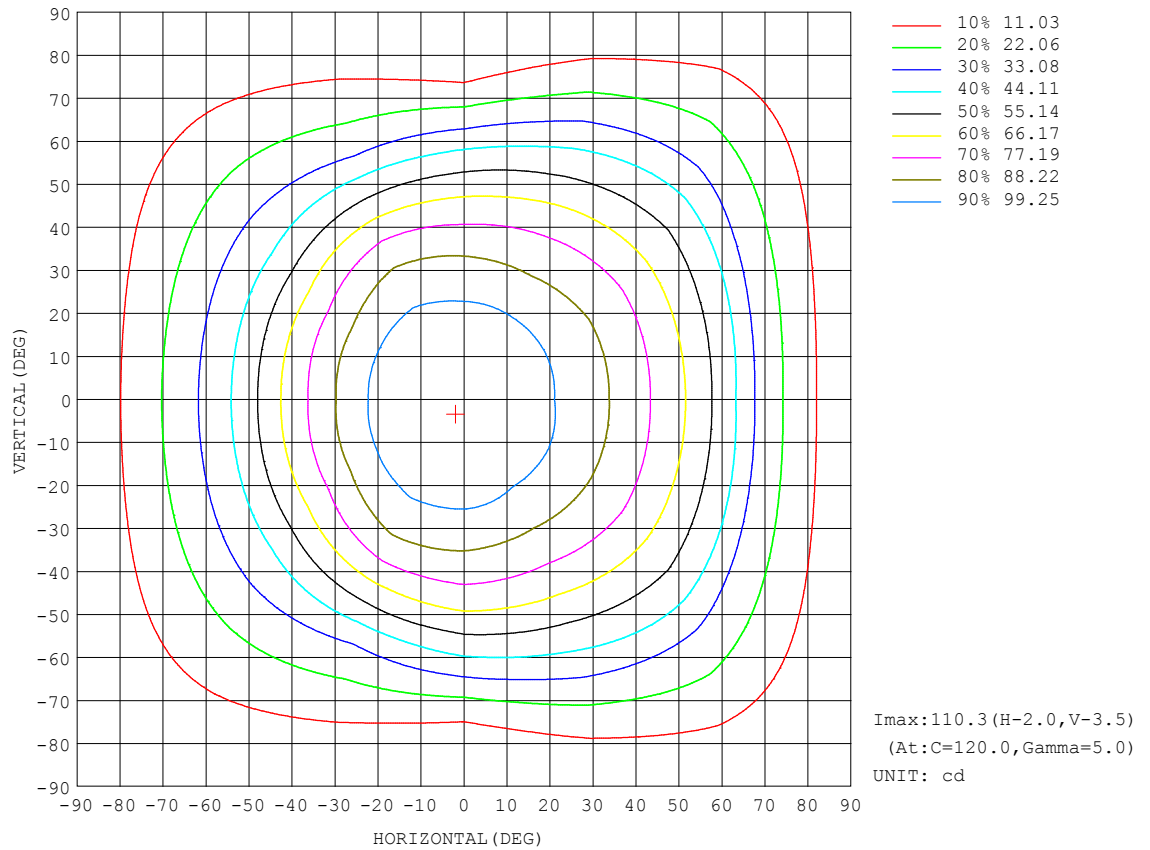
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS (PERCENT) k(RI) × RCR = 5 | | | | | | | | | |
| k = 0.60 | 58 | 47 | 40 | 57 | 47 | 40 | 56 | 46 | 40 | 33 |
| 0.80 | 68 | 57 | 50 | 67 | 56 | 50 | 65 | 56 | 49 | 42 |
| 1.00 | 77 | 66 | 59 | 75 | 65 | 58 | 73 | 66 | 58 | 51 |
| 1.25 | 84 | 73 | 66 | 82 | 73 | 66 | 79 | 71 | 65 | 58 |
| 1.50 | 89 | 79 | 72 | 87 | 78 | 72 | 84 | 76 | 70 | 63 |
| 2.00 | 95 | 87 | 81 | 93 | 86 | 80 | 90 | 83 | 78 | 70 |
| 2.50 | 99 | 91 | 85 | 97 | 90 | 84 | 93 | 87 | 82 | 74 |
| 3.00 | 102 | 96 | 90 | 100 | 94 | 89 | 96 | 91 | 87 | 78 |
| 4.00 | 106 | 101 | 96 | 104 | 99 | 94 | 99 | 95 | 92 | 82 |
| 5.00 | 108 | 104 | 100 | 106 | 102 | 98 | 101 | 98 | 95 | 85 |
| ROOM INDEX | UF (total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | | | | | | | | |
| Suspended | | | | | | | | | | |
| SHRNM = 1.25 | | | | | | | | | | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-10-22

γ Range: 0 - 120DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

| | | |
|--|--------------|------------------|
| Test:U:24.00V I:0.3192A P:7.661W PF:1.000 Freq:50.00Hz Lamp Flux:4.28103x70 lm | | |
| NAME: P01-24V-5050-70-DMX-RGBW(5000K)-G | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: OLYMPIA | SUR.:1*0.014 | Shielding Angle: |

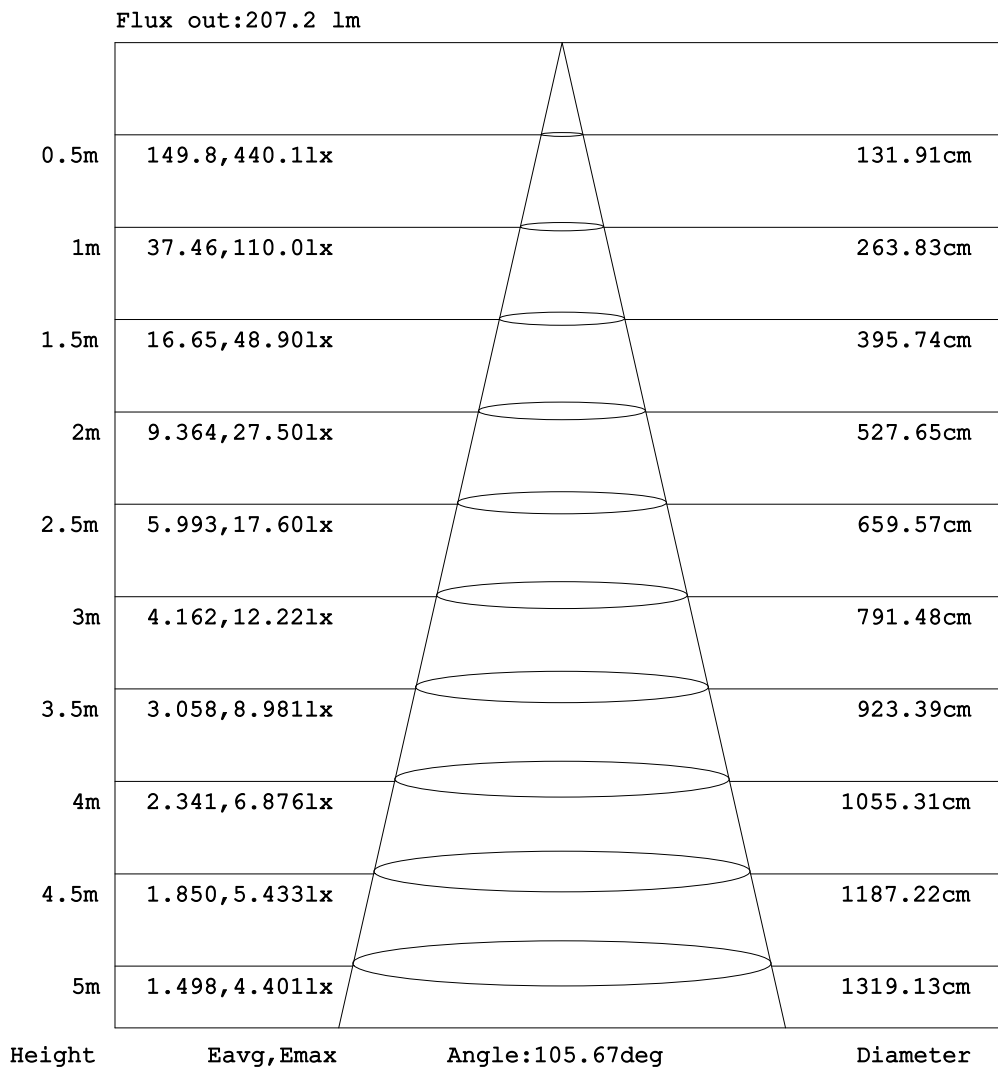


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-10-22

γ Range: 0 - 120DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

AAI Figure

| | | |
|--|--------------|------------------|
| Test:U:24.00V I:0.3192A P:7.661W PF:1.000 Freq:50.00Hz Lamp Flux:4.28103x70 lm | | |
| NAME: P01-24V-5050-70-DMX-RGBW(5000K)-G | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: OLYMPIA | SUR.:1*0.014 | Shielding Angle: |



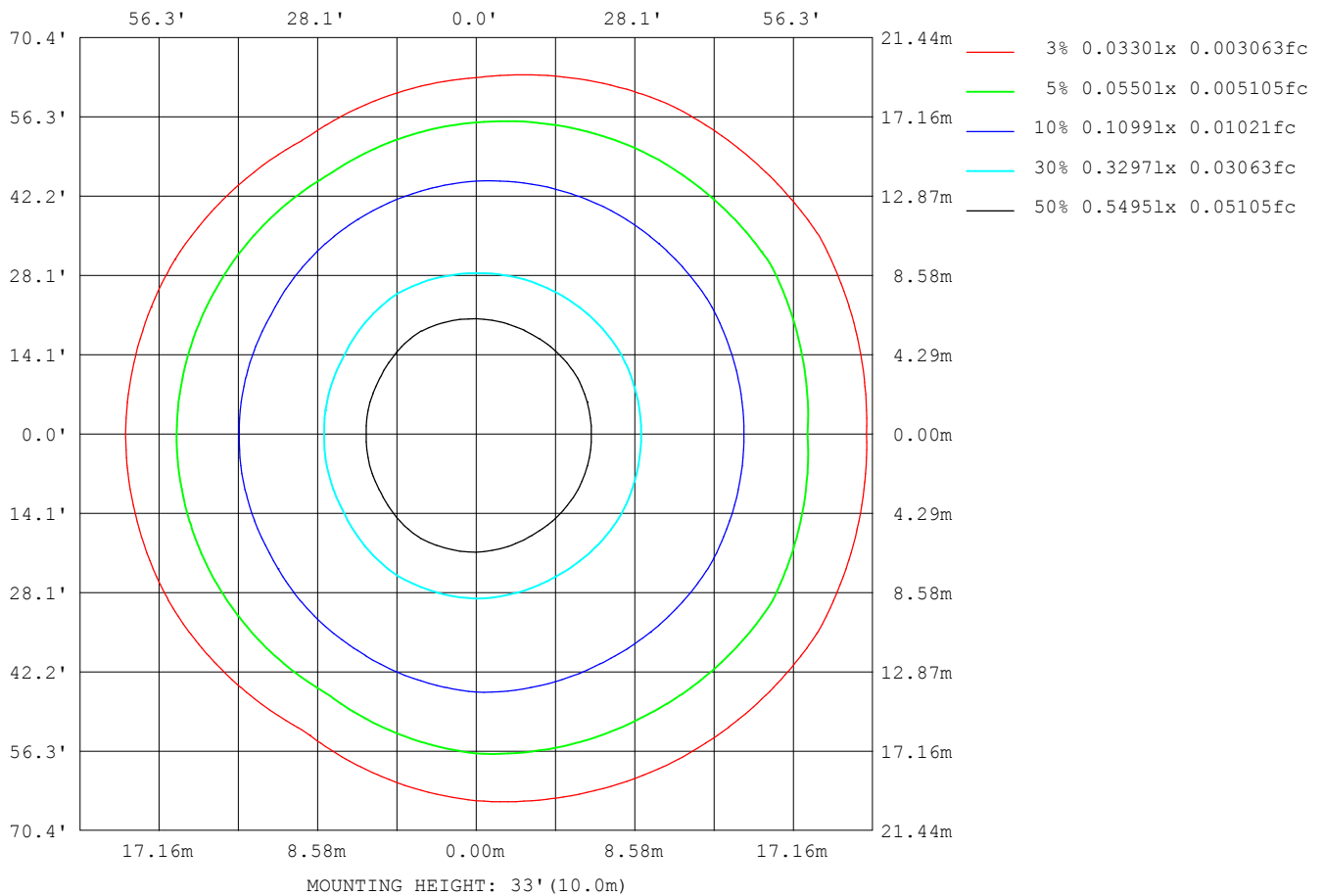
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: LPC
 Test Date: 2021-10-22

γ Range: 0 - 120DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity: 65.0%
 Test Distance: 9.200m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

| | | |
|--|--------------|------------------|
| Test:U:24.00V I:0.3192A P:7.661W PF:1.000 Freq:50.00Hz Lamp Flux:4.28103x70 lm | | |
| NAME: P01-24V-5050-70-DMX-RGBW(5000K)-G | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: OLYMPIA | SUR.:1*0.014 | Shielding Angle: |



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:LPC
 Test Date:2021-10-22

γ Range: 0 - 120DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:9.200m [K=1.0000]
 Remarks:

LED Avg.L Report

| | | |
|--|--------------|------------------|
| Test:U:24.00V I:0.3192A P:7.661W PF:1.000 Freq:50.00Hz Lamp Flux:4.28103x70 lm | | |
| NAME: P01-24V-5050-70-DMX-RGBW(5000K)-G | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: OLYMPIA | SUR.:1*0.014 | Shielding Angle: |

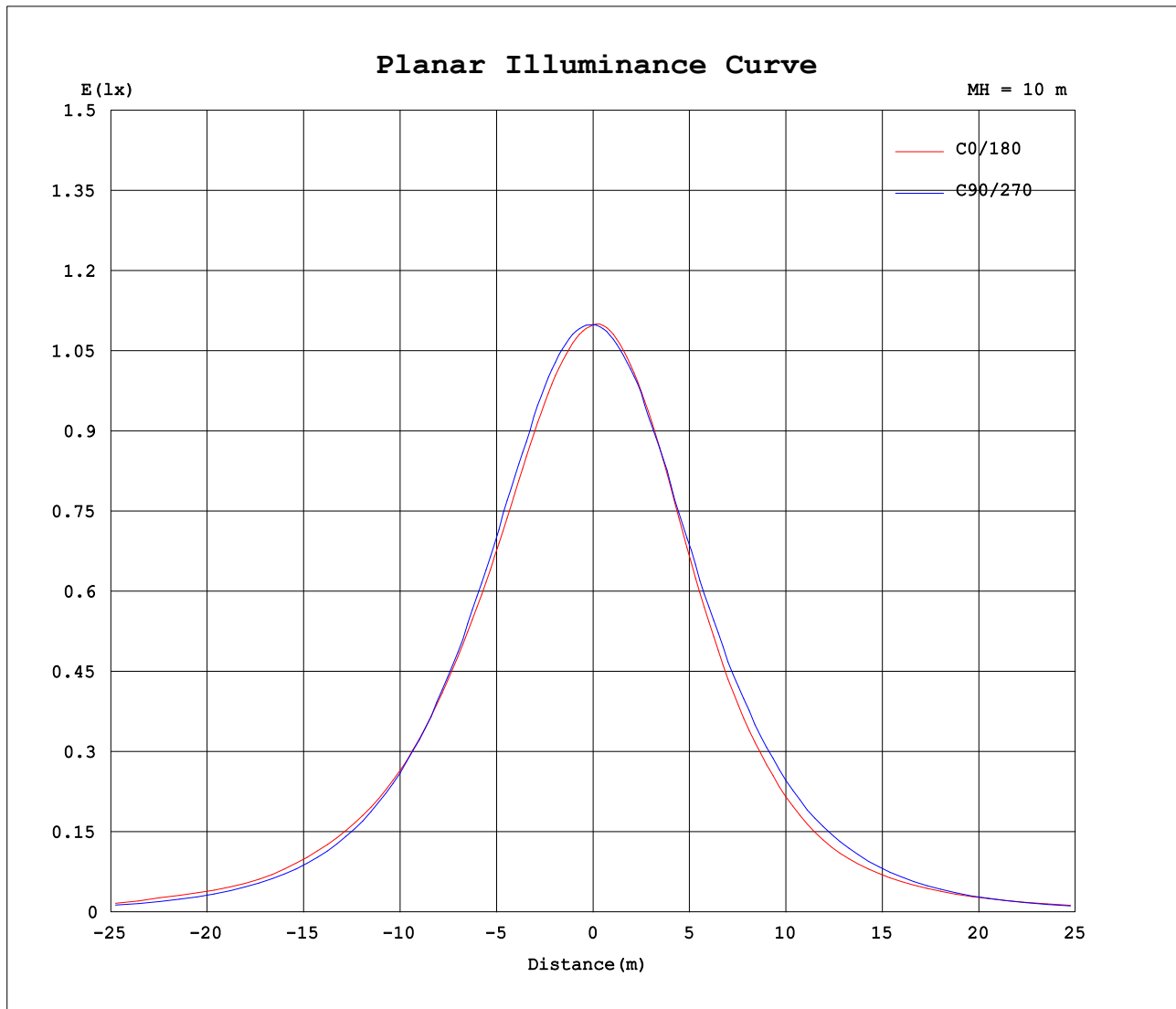
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 5942 |
| L_0~180 (75) av | 5090 |
| L_0~180 (85) av | 5726 |
| L_90~270 (65) av | 5107 |
| L_90~270 (75) av | 2751 |
| L_90~270 (85) av | 949 |
| L_45 (65) av | 5729 |
| L_45 (75) av | 5110 |
| L_45 (85) av | 4820 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:LPC
Test Date:2021-10-22

γ Range: 0 - 120DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: LPC
Test Date: 2021-10-22

γ Range: 0 - 120DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity: 65.0%
Test Distance: 9.200m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|--------------|------------------|
| Test:U:24.00V I:0.3192A P:7.661W PF:1.000 Freq:50.00Hz Lamp Flux:4.28103x70 lm | | |
| NAME: P01-24V-5050-70-DMX-RGBW(5000K)-G | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: OLYMPIA | SUR.:1*0.014 | Shielding Angle: |

Table--1

UNIT: cd

| C (DEG) γ (DEG) | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | | | | | |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|--|
| 0 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | | | | | | | |
| 5 | 109 | 109 | 109 | 110 | 110 | 110 | 110 | 110 | 109 | 109 | 109 | 109 | | | | | | | |
| 10 | 107 | 107 | 108 | 109 | 109 | 109 | 109 | 108 | 108 | 108 | 107 | 107 | | | | | | | |
| 15 | 104 | 105 | 106 | 107 | 108 | 106 | 106 | 106 | 106 | 105 | 105 | 104 | | | | | | | |
| 20 | 100 | 101 | 103 | 104 | 105 | 103 | 102 | 102 | 103 | 102 | 101 | 101 | | | | | | | |
| 25 | 95.8 | 97.3 | 97.9 | 100 | 100 | 97.1 | 95.4 | 96.7 | 98.6 | 97.2 | 95.6 | 96.7 | | | | | | | |
| 30 | 91.5 | 92.5 | 92.8 | 94.9 | 95.1 | 89.6 | 87.8 | 89.1 | 93.6 | 91.7 | 90.8 | 92.2 | | | | | | | |
| 35 | 87.1 | 87.6 | 86.6 | 88.6 | 88.6 | 81.2 | 79.3 | 80.9 | 87.1 | 85.1 | 84.5 | 87.2 | | | | | | | |
| 40 | 81.5 | 82.1 | 80.3 | 81.4 | 80.0 | 72.0 | 70.8 | 71.8 | 78.8 | 78.1 | 79.5 | 81.7 | | | | | | | |
| 45 | 75.0 | 75.9 | 73.1 | 73.6 | 69.5 | 62.2 | 61.1 | 62.2 | 68.3 | 69.7 | 72.6 | 75.5 | | | | | | | |
| 50 | 68.3 | 68.6 | 65.2 | 64.5 | 57.9 | 52.2 | 50.9 | 51.4 | 56.8 | 60.5 | 64.6 | 68.2 | | | | | | | |
| 55 | 60.7 | 60.7 | 56.6 | 54.5 | 46.2 | 42.9 | 42.9 | 42.3 | 45.3 | 50.4 | 56.1 | 60.4 | | | | | | | |
| 60 | 49.4 | 53.0 | 47.7 | 43.6 | 34.2 | 35.5 | 35.5 | 34.8 | 33.4 | 39.6 | 47.2 | 52.8 | | | | | | | |
| 65 | 41.5 | 43.2 | 38.3 | 32.1 | 25.9 | 28.3 | 28.8 | 27.8 | 25.0 | 28.3 | 38.2 | 43.5 | | | | | | | |
| 70 | 29.7 | 32.4 | 28.6 | 20.4 | 19.5 | 21.6 | 22.5 | 21.0 | 18.6 | 17.7 | 28.8 | 33.1 | | | | | | | |
| 75 | 20.4 | 24.2 | 19.4 | 11.0 | 13.3 | 15.3 | 16.5 | 14.8 | 12.6 | 8.95 | 19.9 | 24.7 | | | | | | | |
| 80 | 13.6 | 15.5 | 11.5 | 4.60 | 8.02 | 9.82 | 10.9 | 9.30 | 7.44 | 3.19 | 11.9 | 16.1 | | | | | | | |
| 85 | 7.89 | 7.96 | 5.37 | 1.48 | 4.12 | 5.32 | 6.08 | 4.75 | 3.52 | 0.84 | 5.57 | 8.83 | | | | | | | |
| 90 | 3.78 | 3.65 | 2.16 | 0.99 | 2.04 | 2.54 | 2.72 | 2.01 | 1.48 | 0.51 | 1.96 | 3.93 | | | | | | | |
| 95 | 1.76 | 1.72 | 1.61 | 1.07 | 1.70 | 1.62 | 1.20 | 1.15 | 1.17 | 0.56 | 1.17 | 1.60 | | | | | | | |
| 100 | 1.31 | 1.52 | 1.61 | 1.17 | 1.71 | 1.65 | 1.04 | 1.09 | 1.18 | 0.71 | 1.17 | 1.10 | | | | | | | |
| 105 | 1.31 | 1.55 | 1.47 | 1.35 | 1.56 | 1.73 | 1.09 | 1.16 | 1.09 | 0.86 | 1.00 | 1.10 | | | | | | | |
| 110 | 1.35 | 1.59 | 1.64 | 1.36 | 1.72 | 1.78 | 1.13 | 1.21 | 1.32 | 0.86 | 1.22 | 1.13 | | | | | | | |
| 115 | 1.41 | 1.65 | 1.77 | 1.43 | 1.82 | 1.83 | 1.18 | 1.28 | 1.42 | 0.94 | 1.30 | 1.16 | | | | | | | |
| 120 | 1.49 | 1.66 | 1.61 | 1.49 | 1.88 | 1.86 | 1.24 | 1.36 | 1.43 | 1.03 | 1.16 | 1.24 | | | | | | | |
| 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 | | | | | | | |
| 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 | | | | | | | |
| 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 | | | | | | | |
| 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 | | | | | | | |
| 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 | | | | | | | |
| 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 | | | | | | | |
| 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 | | | | | | | |
| 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 | | | | | | | |
| 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 | | | | | | | |
| 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 | | | | | | | |
| 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 | | | | | | | |
| 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 | | | | | | | |

C Range: 0 - 360DEG
C Interval: 30.0DEG
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