

GAME-350-18W-830



| | | |
|---------------------|---------|--------------------------|
| Light Output Ratio: | 100.0% | |
| Luminaire Power: | 19.11 W | |
| SHR Nominal: | 1.25 | Calculated using the TM5 |
| SHR Maximum: | 1.30 | fine grid method. |

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Myles
Test Date:2019-04-15

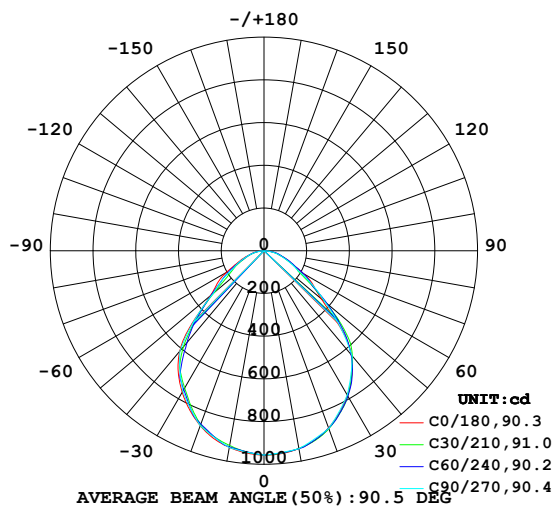
V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:56%
Test Distance:5.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

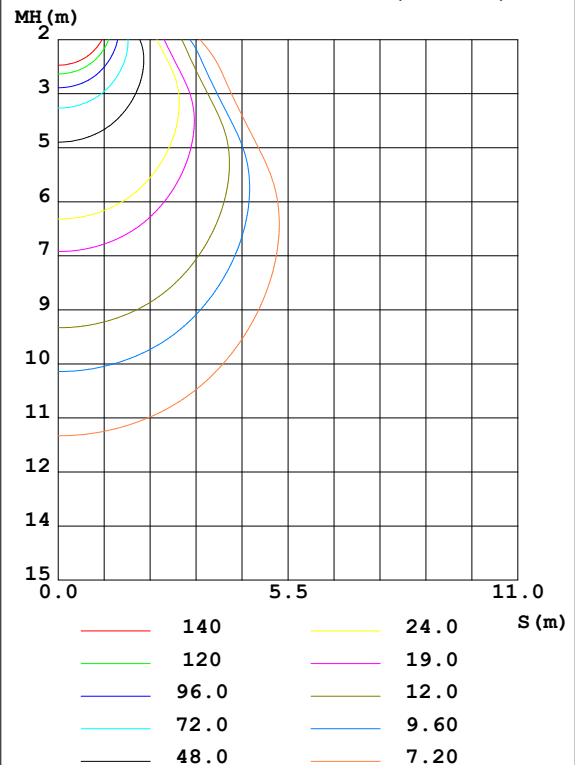
| | | |
|--|--------------------------|-------------|
| Test:U:221.0V I:0.0921A P:19.11W PF:0.9389 Freq:49.89Hz Lamp Flux:2004.43x1 lm | | |
| NAME: GAME-350-18W-830 | TYPE:Ceiling light | SERIAL No.: |
| SPEC.:3000K | DIM.: ϕ 350mm*H78mm | |
| MFR.: NEKO LIGHTING AG | | |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 104.88 lm/W | | | |
|-------------------|-------------|-----------------------------------|--------|-------------------------|----------|
| MODEL | OSRAM-3000K | I _{max} (cd) | 956.7 | S/MH (C0/180) | 1.20 |
| NOMINAL POWER (W) | 18 | LOR (%) | 100.0 | S/MH (C90/270) | 1.19 |
| RATED VOLTAGE (V) | 220 | TOTAL FLUX (lm) | 2004.4 | η UP,DN (C0-180) | 0.0,51.0 |
| NOMINAL FLUX (lm) | 2004.43 | CIE CLASS | DIRECT | η UP,DN (C180-360) | 0.0,49.0 |
| LAMPS INSIDE | 1 | η up (%) | 0.0 | CIBSE SHR NOM | 1.25 |
| TEST VOLTAGE (V) | 220 | η down (%) | 100.0 | CIBSE SHR MAX | 1.30 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Myles
Test Date:2019-04-15

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:56%
Test Distance:5.850m [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 | 940.5 | 940.2 | 941.1 | 931.9 | 934.8 | 928.6 | 935.8 | 935.7 | 0- 10 | 90.10 | 90.10 | 4.49,4.49 |
| 20 | 882.9 | 886.7 | 885.5 | 867.2 | 871.7 | 857.7 | 872.0 | 877.6 | 10- 20 | 256.6 | 346.7 | 17.3,17.3 |
| 30 | 781.0 | 783.0 | 779.3 | 765.8 | 765.7 | 749.8 | 759.7 | 772.4 | 20- 30 | 379.9 | 726.5 | 36.2,36.2 |
| 40 | 636.2 | 642.2 | 641.0 | 626.5 | 614.2 | 597.7 | 612.3 | 625.1 | 30- 40 | 437.0 | 1164 | 58,58 |
| 50 | 350.9 | 381.2 | 371.0 | 371.3 | 327.5 | 324.9 | 308.1 | 355.6 | 40- 50 | 378.2 | 1542 | 76.9,76.9 |
| 60 | 210.9 | 191.7 | 181.9 | 195.5 | 203.1 | 168.3 | 166.9 | 194.0 | 50- 60 | 235.5 | 1777 | 88.7,88.7 |
| 70 | 106.9 | 104.0 | 97.68 | 96.18 | 101.2 | 88.82 | 89.89 | 99.88 | 60- 70 | 136.0 | 1913 | 95.5,95.5 |
| 80 | 50.63 | 48.75 | 44.29 | 45.11 | 45.12 | 35.26 | 37.82 | 44.81 | 70- 80 | 74.16 | 1987 | 99.2,99.2 |
| 90 | 0 | 0 | 0 | 0 | 0.3919 | 0 | 0 | 0 | 80- 90 | 17.02 | 2004 | 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 | | |

Conical surface Flux(90deg): 1370.8 lm

%lum = 68.4%

%lamp = 68.4%

Conical surface Flux(120deg): 1777.2 lm

%lum = 88.7%

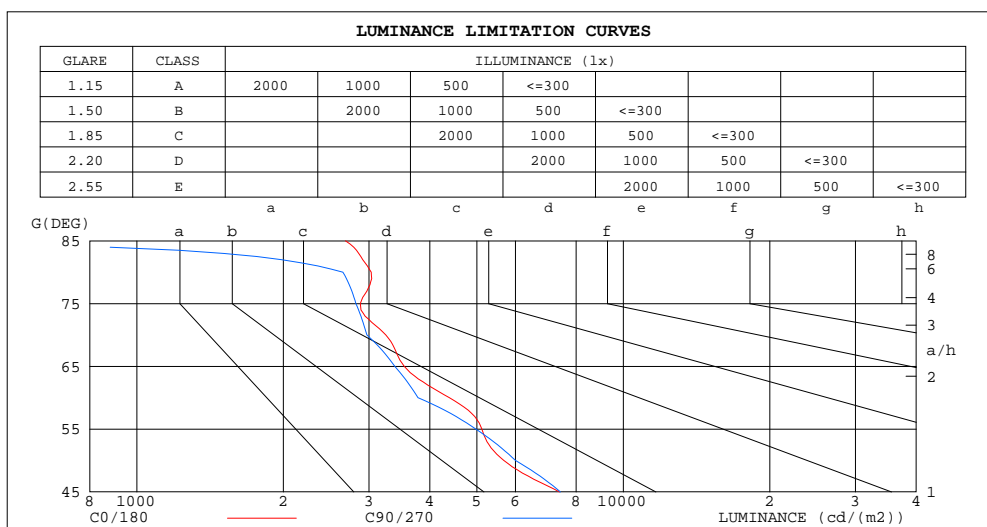
%lamp = 88.7%

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Myles
Test Date:2019-04-15

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:56%
Test Distance:5.850m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|--|--------------------------|-------------|
| Test:U:221.0V I:0.0921A P:19.11W PF:0.9389 Freq:49.89Hz Lamp Flux:2004.43x1 lm | | |
| NAME: GAME-350-18W-830 | TYPE:Ceiling light | SERIAL No.: |
| SPEC.:3000K | DIM.: ϕ 350mm*H78mm | |
| MFR.: NEKO LIGHTING AG | | |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 2684 | 0 |
| 80 | 3032 | 2652 |
| 75 | 2879 | 2820 |
| 70 | 3250 | 2970 |
| 65 | 3544 | 3389 |
| 60 | 4387 | 3783 |
| 55 | 5118 | 4975 |
| 50 | 5676 | 6002 |
| 45 | 7393 | 7426 |

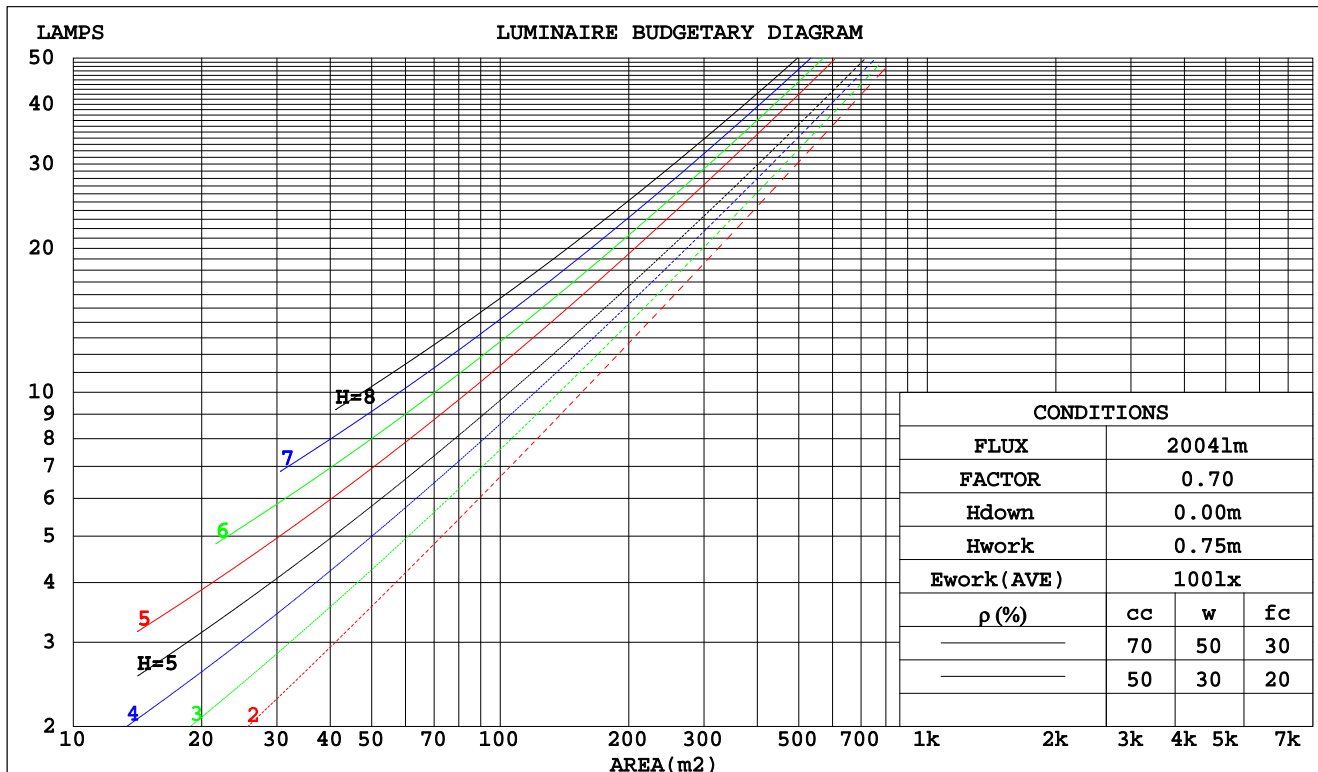
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Myles
Test Date:2019-04-15

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:56%
Test Distance:5.850m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|--|--------------------------|-------------|
| Test:U:221.0V I:0.0921A P:19.11W PF:0.9389 Freq:49.89Hz Lamp Flux:2004.43x1 lm | | |
| NAME: GAME-350-18W-830 | TYPE:Ceiling light | SERIAL No.: |
| SPEC.:3000K | DIM.: ϕ 350mm*H78mm | |
| MFR.: NEKO LIGHTING AG | | |

| 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 | 1.11 | 1.11 | 1.11 | 1.06 | 1.06 | 1.06 | 1.02 | 1.02 | 1.02 | .00 |
| 1.0 | 1.06 | 1.03 | .00 | 1.04 | 1.01 | .98 | 1.00 | .97 | .95 | .96 | .94 | .92 | .93 | .91 | .89 | .87 |
| 2.0 | .95 | .89 | .84 | .93 | .88 | .83 | .90 | .85 | .81 | .86 | .83 | .79 | .83 | .80 | .78 | .76 |
| 3.0 | .85 | .78 | .72 | .83 | .77 | .71 | .81 | .75 | .70 | .78 | .73 | .69 | .75 | .71 | .68 | .66 |
| 4.0 | .76 | .69 | .63 | .75 | .68 | .62 | .73 | .66 | .61 | .70 | .65 | .61 | .68 | .64 | .60 | .58 |
| 5.0 | .69 | .61 | .55 | .68 | .60 | .55 | .66 | .59 | .54 | .64 | .58 | .54 | .62 | .57 | .53 | .51 |
| 6.0 | .63 | .55 | .49 | .62 | .54 | .49 | .60 | .53 | .48 | .59 | .53 | .48 | .57 | .52 | .48 | .46 |
| 7.0 | .57 | .49 | .44 | .57 | .49 | .44 | .55 | .48 | .43 | .54 | .48 | .43 | .53 | .47 | .43 | .41 |
| 8.0 | .53 | .45 | .40 | .52 | .45 | .39 | .51 | .44 | .39 | .50 | .43 | .39 | .49 | .43 | .39 | .37 |
| 9.0 | .49 | .41 | .36 | .48 | .41 | .36 | .47 | .40 | .36 | .46 | .40 | .35 | .45 | .39 | .35 | .34 |
| 10.0 | .45 | .38 | .33 | .45 | .38 | .33 | .44 | .37 | .33 | .43 | .37 | .32 | .42 | .36 | .32 | .31 |



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Myles
Test Date:2019-04-15

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:56%
Test Distance:5.850m [K=1.0000]
Remarks:

WEC AND CCEC

| | | |
|--|--------------------------|-------------|
| Test:U:221.0V I:0.0921A P:19.11W PF:0.9389 Freq:49.89Hz Lamp Flux:2004.43x1 lm | | |
| NAME: GAME-350-18W-830 | TYPE:Ceiling light | SERIAL No.: |
| SPEC.:3000K | DIM.: ϕ 350mm*H78mm | |
| MFR.: NEKO LIGHTING AG | | |

| ρ_{cc} | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 | |
|-------------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|---|--|
| ρ_w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 | |
| ρ_{fc} | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 | |
| RCR | RCR:Room Cavity Ratio | | | | | | Wall Exitance Coefficients(WEC) | | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | | |
| 1.0 | .260 | .148 | .047 | .253 | .144 | .046 | .240 | .138 | .044 | .228 | .131 | .042 | .217 | .126 | .041 | | |
| 2.0 | .249 | .136 | .042 | .243 | .134 | .041 | .232 | .129 | .040 | .221 | .124 | .039 | .212 | .120 | .038 | | |
| 3.0 | .234 | .125 | .037 | .229 | .123 | .037 | .219 | .119 | .036 | .210 | .115 | .035 | .202 | .112 | .035 | | |
| 4.0 | .220 | .114 | .034 | .215 | .113 | .033 | .206 | .109 | .033 | .198 | .106 | .032 | .191 | .104 | .032 | | |
| 5.0 | .206 | .105 | .030 | .202 | .104 | .030 | .194 | .101 | .030 | .187 | .099 | .029 | .180 | .096 | .029 | | |
| 6.0 | .193 | .097 | .028 | .189 | .096 | .028 | .182 | .094 | .027 | .176 | .091 | .027 | .170 | .089 | .027 | | |
| 7.0 | .181 | .090 | .025 | .178 | .089 | .025 | .172 | .087 | .025 | .166 | .085 | .025 | .161 | .084 | .025 | | |
| 8.0 | .171 | .084 | .023 | .168 | .083 | .023 | .162 | .081 | .023 | .157 | .080 | .023 | .152 | .078 | .023 | | |
| 9.0 | .161 | .078 | .022 | .159 | .077 | .022 | .154 | .076 | .022 | .149 | .075 | .021 | .145 | .073 | .021 | | |
| 10.0 | .153 | .073 | .020 | .150 | .073 | .020 | .146 | .071 | .020 | .142 | .070 | .020 | .138 | .069 | .020 | | |

| ρ_{cc} | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|-------------|-----------------------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|---|
| ρ_w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| ρ_{fc} | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | 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 | .177 | .157 | .138 | .151 | .134 | .119 | .103 | .092 | .082 | .060 | .053 | .048 | .019 | .017 | .015 | |
| 2.0 | .167 | .132 | .103 | .143 | .114 | .089 | .098 | .079 | .062 | .056 | .046 | .036 | .018 | .015 | .012 | |
| 3.0 | .158 | .114 | .079 | .135 | .098 | .069 | .093 | .068 | .048 | .054 | .040 | .028 | .017 | .013 | .009 | |
| 4.0 | .150 | .100 | .063 | .128 | .087 | .054 | .088 | .060 | .038 | .051 | .035 | .023 | .016 | .012 | .007 | |
| 5.0 | .142 | .090 | .051 | .122 | .078 | .044 | .084 | .054 | .031 | .049 | .032 | .019 | .016 | .010 | .006 | |
| 6.0 | .135 | .081 | .042 | .116 | .070 | .037 | .080 | .049 | .026 | .047 | .029 | .015 | .015 | .009 | .005 | |
| 7.0 | .129 | .074 | .036 | .111 | .064 | .031 | .077 | .045 | .022 | .044 | .026 | .013 | .014 | .009 | .004 | |
| 8.0 | .123 | .068 | .031 | .106 | .059 | .027 | .073 | .042 | .019 | .043 | .024 | .011 | .014 | .008 | .004 | |
| 9.0 | .117 | .063 | .027 | .101 | .055 | .023 | .070 | .039 | .017 | .041 | .023 | .010 | .013 | .007 | .003 | |
| 10.0 | .112 | .059 | .024 | .097 | .051 | .021 | .067 | .036 | .015 | .039 | .021 | .009 | .013 | .007 | .003 | |

$H(\beta)$ Range:-90 - 90DEG
 $H(\beta)$ Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Myles
 Test Date:2019-04-15

$V(B)$ Range:-80 - 80DEG
 $V(B)$ Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:56%
 Test Distance:5.850m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|--|------------------|------|------|------|--------------------------|----------------|------|-------------|------|------|
| Test:U:221.0V I:0.0921A P:19.11W PF:0.9389 Freq:49.89Hz Lamp Flux:2004.43x1 lm | | | | | | | | | | |
| NAME: GAME-350-18W-830 | | | | | TYPE:Ceiling light | | | SERIAL No.: | | |
| SPEC.:3000K | | | | | DIM.: ϕ 350mm*H78mm | | | | | |
| MFR.: NEKO LIGHTING AG | | | | | | | | | | |
| 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 | 15.7 | 17.1 | 16.0 | 17.3 | 17.4 | 15.7 | 17.0 | 15.9 | 17.2 | 17.4 |
| 3H | 16.4 | 17.7 | 16.7 | 17.9 | 18.1 | 16.4 | 17.7 | 16.7 | 17.9 | 18.1 |
| 4H | 16.7 | 17.9 | 17.0 | 18.2 | 18.4 | 16.8 | 17.9 | 17.1 | 18.2 | 18.4 |
| 6H | 17.1 | 18.2 | 17.4 | 18.4 | 18.7 | 17.0 | 18.1 | 17.4 | 18.4 | 18.7 |
| 8H | 17.2 | 18.2 | 17.5 | 18.5 | 18.8 | 17.1 | 18.1 | 17.4 | 18.4 | 18.7 |
| 12H | 17.2 | 18.3 | 17.6 | 18.5 | 18.8 | 17.0 | 18.1 | 17.4 | 18.4 | 18.7 |
| 4H 2H | 15.9 | 17.1 | 16.2 | 17.4 | 17.6 | 15.9 | 17.1 | 16.2 | 17.3 | 17.6 |
| 3H | 16.8 | 17.9 | 17.2 | 18.1 | 18.4 | 16.9 | 17.9 | 17.2 | 18.2 | 18.5 |
| 4H | 17.3 | 18.2 | 17.7 | 18.5 | 18.9 | 17.4 | 18.3 | 17.7 | 18.6 | 18.9 |
| 6H | 17.7 | 18.6 | 18.1 | 18.9 | 19.3 | 17.8 | 18.6 | 18.2 | 19.0 | 19.3 |
| 8H | 17.9 | 18.7 | 18.3 | 19.1 | 19.4 | 17.9 | 18.7 | 18.3 | 19.0 | 19.4 |
| 12H | 18.0 | 18.7 | 18.5 | 19.1 | 19.5 | 17.9 | 18.6 | 18.3 | 19.0 | 19.4 |
| 8H 4H | 17.4 | 18.2 | 17.9 | 18.6 | 18.9 | 17.5 | 18.3 | 17.9 | 18.6 | 19.0 |
| 6H | 18.0 | 18.7 | 18.5 | 19.1 | 19.5 | 18.2 | 18.8 | 18.6 | 19.2 | 19.6 |
| 8H | 18.3 | 18.9 | 18.8 | 19.3 | 19.7 | 18.3 | 18.9 | 18.8 | 19.3 | 19.7 |
| 12H | 18.5 | 19.0 | 19.0 | 19.4 | 19.9 | 18.3 | 18.8 | 18.8 | 19.2 | 19.7 |
| 12H 4H | 17.5 | 18.2 | 17.9 | 18.5 | 18.9 | 17.5 | 18.2 | 17.9 | 18.6 | 19.0 |
| 6H | 18.1 | 18.7 | 18.6 | 19.1 | 19.5 | 18.2 | 18.8 | 18.7 | 19.2 | 19.6 |
| 8H | 18.4 | 18.9 | 18.9 | 19.3 | 19.8 | 18.4 | 18.9 | 18.9 | 19.3 | 19.8 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 0.5 / - 0.6 | | | | | + 0.4 / - 0.5 | | | | |
| 1.5H | + 0.4 / - 0.5 | | | | | + 0.3 / - 0.4 | | | | |
| 2.0H | + 1.2 / - 0.7 | | | | | + 1.1 / - 1.0 | | | | |

CIE Pub.117, 2004 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 2.4$)

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Myles
Test Date:2019-04-15

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:56%
Test Distance:5.850m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|--|---------------------------------|-------------|
| Test:U:221.0V I:0.0921A P:19.11W PF:0.9389 Freq:49.89Hz Lamp Flux:2004.43x1 lm | | |
| NAME: GAME-350-18W-830 | TYPE:Ceiling light | SERIAL No.: |
| SPEC.:3000K | DIM.: \varnothing 350mm*H78mm | |
| MFR.: NEKO LIGHTING AG | | |

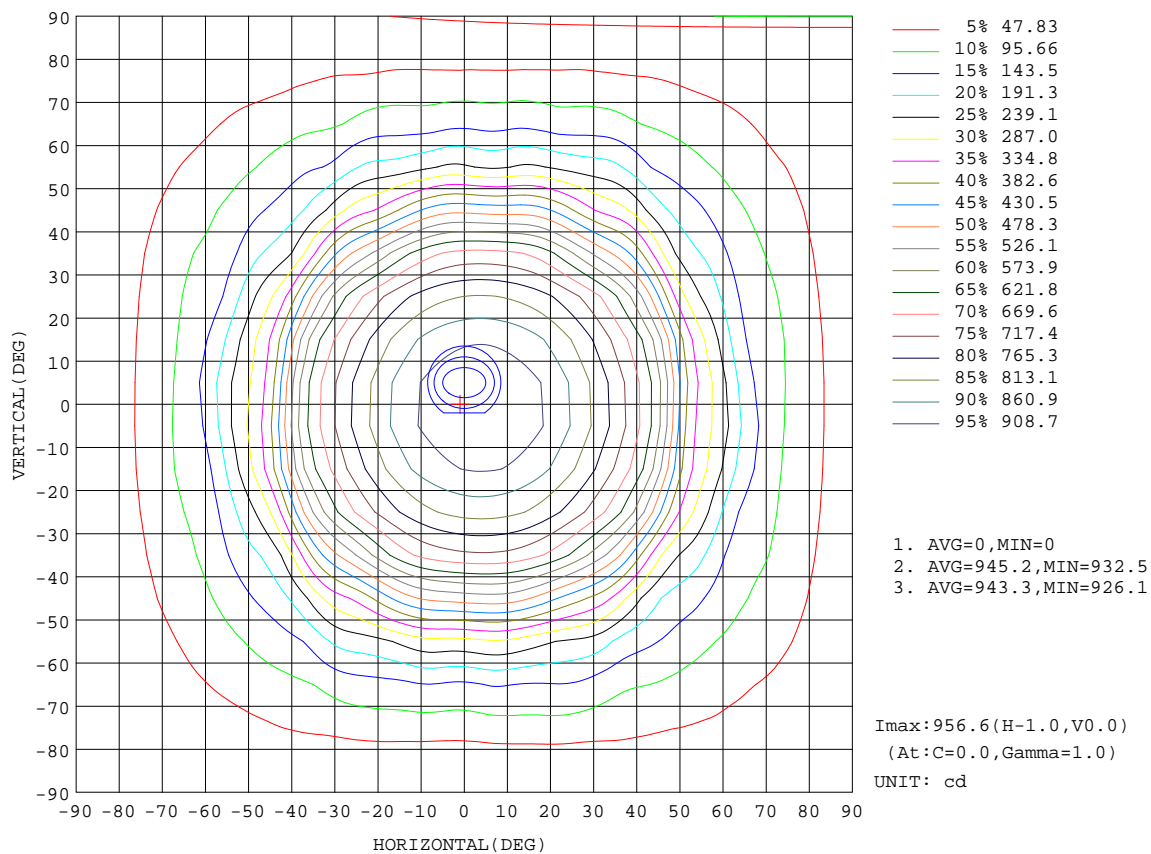
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 65 | 55 | 49 | 65 | 55 | 49 | 64 | 54 | 49 | 43 |
| 0.80 | 75 | 65 | 59 | 74 | 65 | 59 | 73 | 64 | 58 | 52 |
| 1.00 | 83 | 74 | 68 | 82 | 73 | 67 | 80 | 74 | 67 | 61 |
| 1.25 | 90 | 81 | 75 | 88 | 80 | 75 | 86 | 79 | 74 | 67 |
| 1.50 | 94 | 86 | 80 | 93 | 85 | 80 | 90 | 83 | 79 | 72 |
| 2.00 | 100 | 93 | 87 | 98 | 92 | 87 | 95 | 89 | 85 | 78 |
| 2.50 | 103 | 96 | 92 | 101 | 95 | 91 | 97 | 93 | 89 | 81 |
| 3.00 | 106 | 100 | 95 | 104 | 98 | 94 | 100 | 96 | 92 | 84 |
| 4.00 | 109 | 104 | 100 | 107 | 102 | 99 | 103 | 99 | 96 | 88 |
| 5.00 | 111 | 107 | 103 | 108 | 105 | 102 | 104 | 101 | 99 | 90 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHRNOM = 1.25 | | |

$H(\beta)$ Range:-90 - 90DEG
 $H(\beta)$ Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Myles
 Test Date:2019-04-15

$V(B)$ Range:-80 - 80DEG
 $V(B)$ Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:56%
 Test Distance:5.850m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|--|--------------------------|-------------|
| Test:U:221.0V I:0.0921A P:19.11W PF:0.9389 Freq:49.89Hz Lamp Flux:2004.43x1 lm | | |
| NAME: GAME-350-18W-830 | TYPE:Ceiling light | SERIAL No.: |
| SPEC.:3000K | DIM.: ϕ 350mm*H78mm | |
| MFR.: NEKO LIGHTING AG | | |



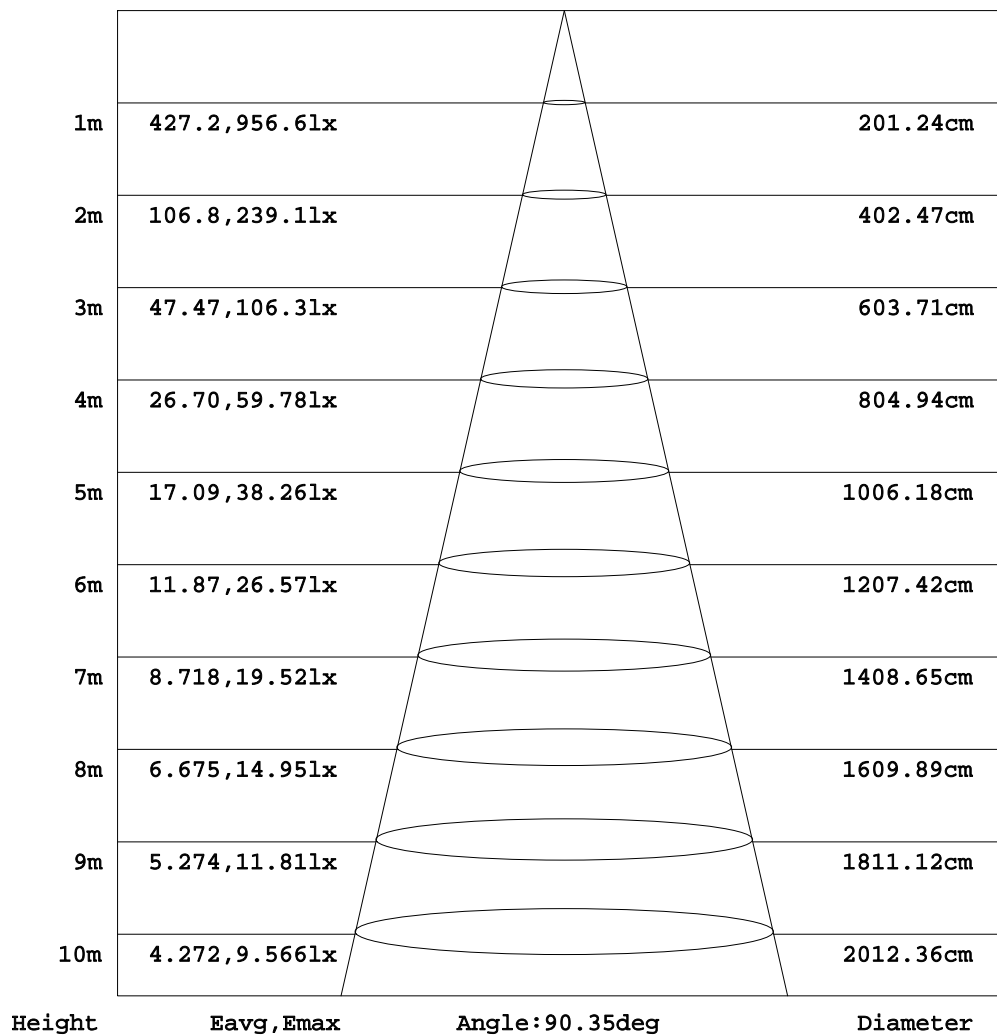
H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Myles
Test Date:2019-04-15

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:56%
Test Distance:5.850m [K=1.0000]
Remarks:

AAI Figure

| | | |
|--|--------------------------|-------------|
| Test:U:221.0V I:0.0921A P:19.11W PF:0.9389 Freq:49.89Hz Lamp Flux:2004.43x1 lm | | |
| NAME: GAME-350-18W-830 | TYPE:Ceiling light | SERIAL No.: |
| SPEC.:3000K | DIM.: ϕ 350mm*H78mm | |
| MFR.: NEKO LIGHTING AG | | |

Flux out:1390 lm



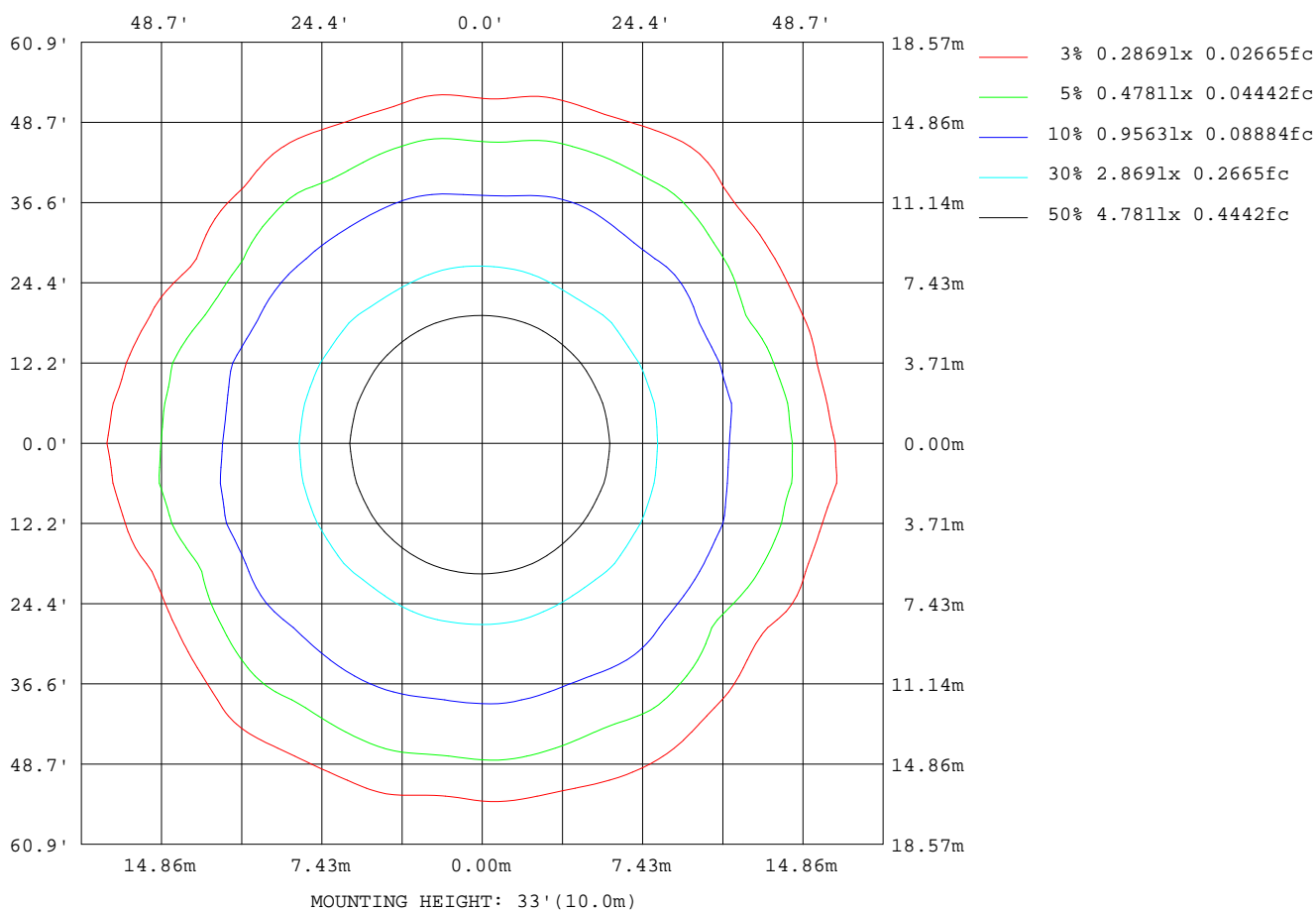
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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Test Speed: HIGH
Temperature:25.3DEG
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Remarks:

ISOLUX DIAGRAM

| | | |
|--|--------------------------|-------------|
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Remarks:

LED Avg.L Report

| | | |
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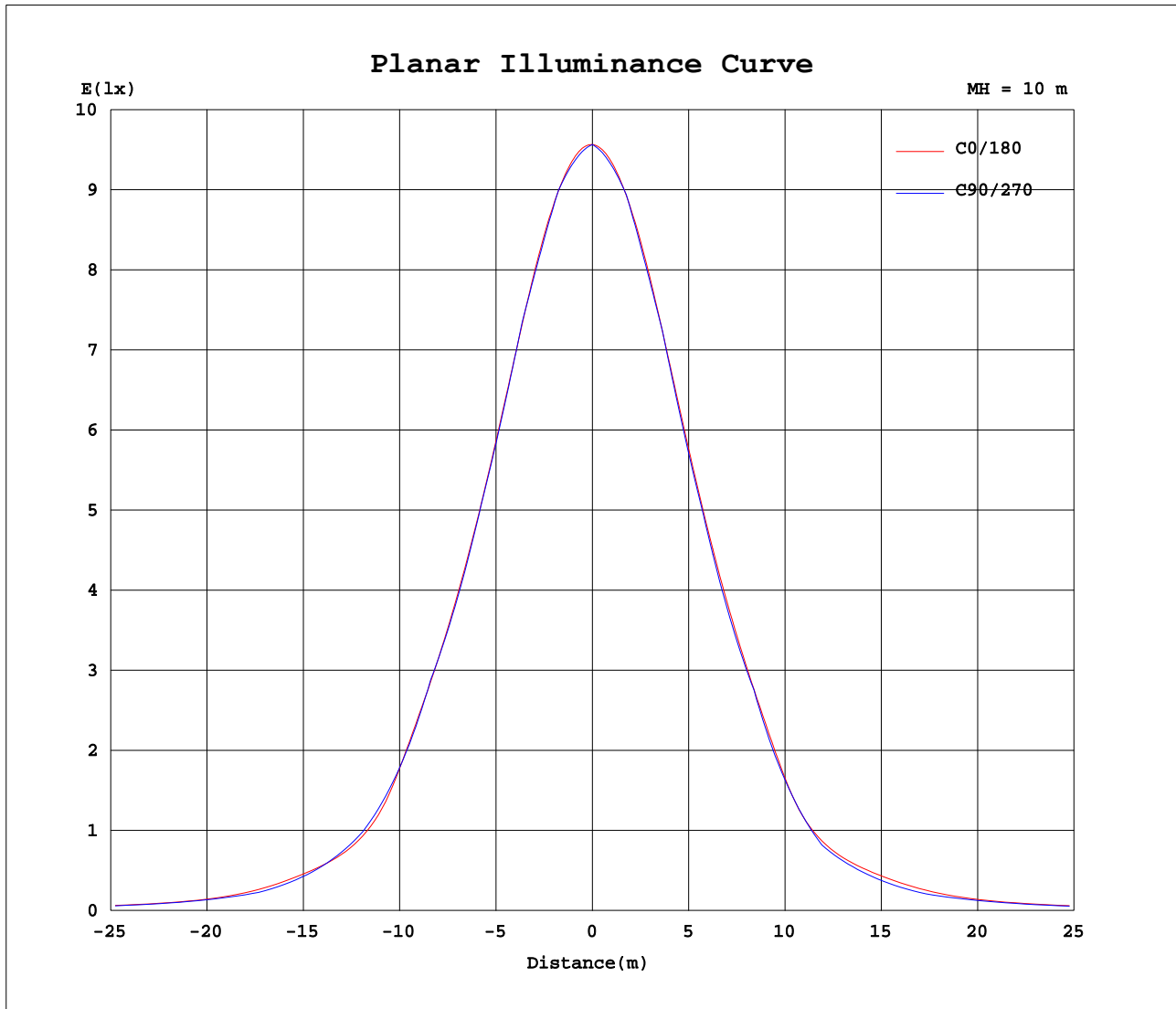
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 3498 |
| L_0~180 (75) av | 2777 |
| L_0~180 (85) av | 2423 |
| L_90~270 (65) av | 3294 |
| L_90~270 (75) av | 2700 |
| L_90~270 (85) av | 0 |
| L_45 (65) av | 3299 |
| L_45 (75) av | 2720 |
| L_45 (85) av | 1472 |

Standard: GB/T 29293-2012

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V(B) Interval: 5.0DEG
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Remarks:

Planar Illuminance Curve



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