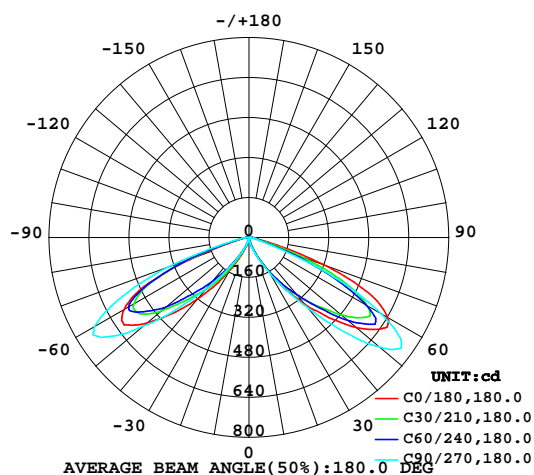


LUMINAIRE PHOTOMETRIC TEST REPORT

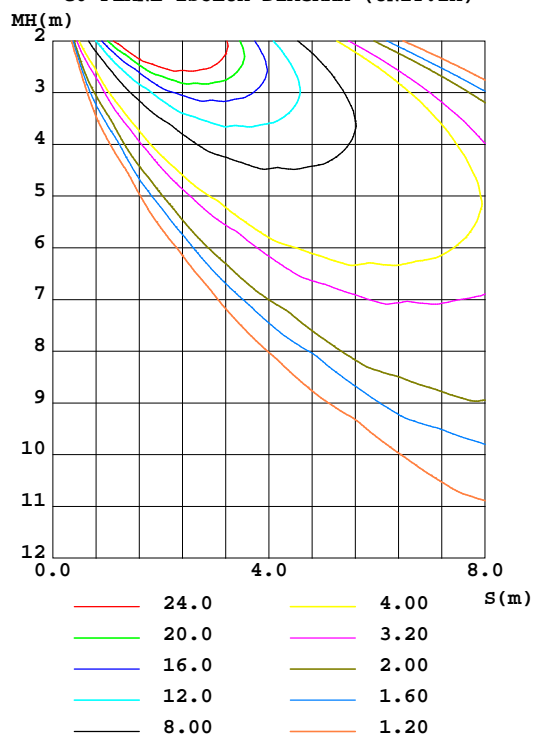
| | | |
|--|------------|------------------|
| Test:U:120.02V I:0.1020A P:12.225W PF:0.9854 Freq:59.98Hz Lamp Flux:1541.97x1 lm | | |
| NAME: XBLA(24/15/12)W(30/40/50)K | TYPE: T5 | WEIGHT: |
| SPEC.: 4000K | DIM.: 42in | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 126.13 lm/W | | | |
|------------------|---------|-----------------------------------|--------|-------------------|----------|
| MODEL | | I _{max} (cd) | 754.5 | S/MH(C0/180) | 8.36 |
| NOMINAL POWER(W) | 12 | LOR(%) | 100.0 | S/MH(C90/270) | 9.24 |
| RATED VOLTAGE(V) | 120-277 | TOTAL FLUX(lm) | 1541.9 | h UP,DN(C0-180) | 0.0,49.0 |
| NOMINAL FLUX(lm) | 1541.97 | CIE CLASS | DIRECT | h UP,DN(C180-360) | 0.0,51.0 |
| LAMPS INSIDE | 1 | h up(%) | 0.0 | CIBSE SHR NOM | 1.50 |
| TEST VOLTAGE(V) | 120 | h down(%) | 100.0 | CIBSE SHR MAX | 1.55 |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2025-08-08

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.442
Humidity:65.0%
Test Distance:8.930m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

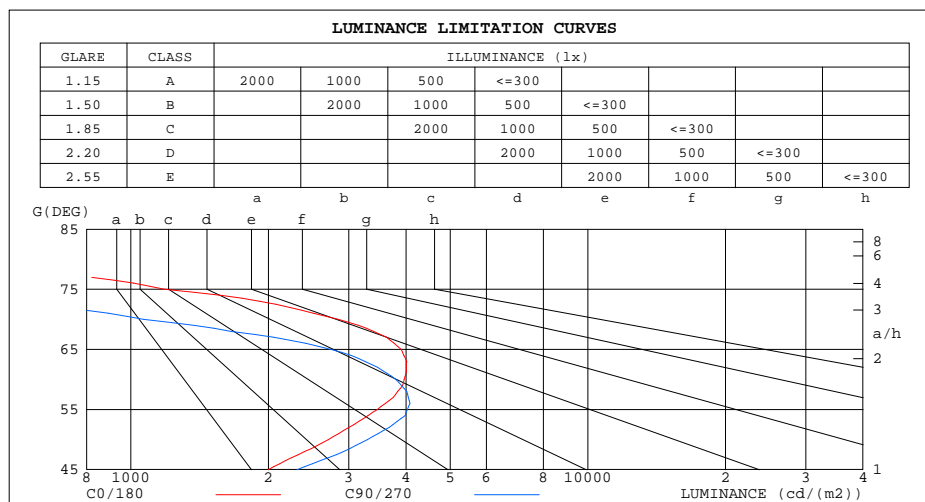
| g | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | g | F zone | F total | %lum,lamp |
|-----|-----------------------|-------|-------|-------|-------|-------|-------|-------|---------|---------|---------|-----------|
| 10 | 5.236 | 11.09 | 15.62 | 14.64 | 11.12 | 5.812 | 2.392 | 2.326 | 0- 10 | 0.3412 | 0.3412 | 0.02,0.02 |
| 20 | 47.56 | 45.35 | 57.81 | 48.54 | 49.37 | 37.24 | 32.79 | 29.71 | 10- 20 | 7.251 | 7.592 | 0.49,0.49 |
| 30 | 153.1 | 139.2 | 159.1 | 124.3 | 145.8 | 105.8 | 102.1 | 95.28 | 20- 30 | 38.02 | 45.61 | 2.96,2.96 |
| 40 | 349.6 | 276.0 | 366.5 | 264.8 | 322.1 | 238.5 | 267.4 | 236.1 | 30- 40 | 130.6 | 176.2 | 11.4,11.4 |
| 50 | 560.3 | 444.9 | 682.9 | 498.7 | 531.2 | 419.4 | 551.3 | 435.4 | 40- 50 | 311.6 | 487.9 | 31.6,31.6 |
| 60 | 639.5 | 513.4 | 612.5 | 486.4 | 576.6 | 528.1 | 714.4 | 575.0 | 50- 60 | 523.9 | 1012 | 65.6,65.6 |
| 70 | 313.8 | 165.4 | 117.5 | 104.0 | 227.0 | 231.5 | 336.3 | 261.4 | 60- 70 | 415.0 | 1427 | 92.5,92.5 |
| 80 | 34.76 | 24.78 | 19.87 | 19.29 | 26.44 | 30.96 | 39.60 | 37.11 | 70- 80 | 97.71 | 1524 | 98.9,98.9 |
| 90 | 4.546 | 6.650 | 6.102 | 6.830 | 5.426 | 7.052 | 5.826 | 9.175 | 80- 90 | 17.44 | 1542 | 100,100 |
| 100 | | | | | | | | | 90-100 | | | |
| 110 | | | | | | | | | 100-110 | | | |
| 120 | | | | | | | | | 110-120 | | | |
| 130 | | | | | | | | | 120-130 | | | |
| 140 | | | | | | | | | 130-140 | | | |
| 150 | | | | | | | | | 140-150 | | | |
| 160 | | | | | | | | | 150-160 | | | |
| 170 | | | | | | | | | 160-170 | | | |
| 180 | | | | | | | | | 170-180 | | | |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | | UNIT:lm | | |

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2025-08-08

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.442
Humidity:65.0%
Test Distance:8.930m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|--|------------|------------------|
| Test:U:120.02V I:0.1020A P:12.225W PF:0.9854 Freq:59.98Hz Lamp Flux:1541.97x1 lm | | |
| NAME: XBLA(24/15/12)W(30/40/50)K | TYPE: T5 | WEIGHT: |
| SPEC.: 4000K | DIM.: 42in | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 500 | 279 |
| 80 | 621 | 355 |
| 75 | 1183 | 493 |
| 70 | 2846 | 1066 |
| 65 | 3907 | 2738 |
| 60 | 3967 | 3799 |
| 55 | 3461 | 4030 |
| 50 | 2704 | 3295 |
| 45 | 1996 | 2311 |

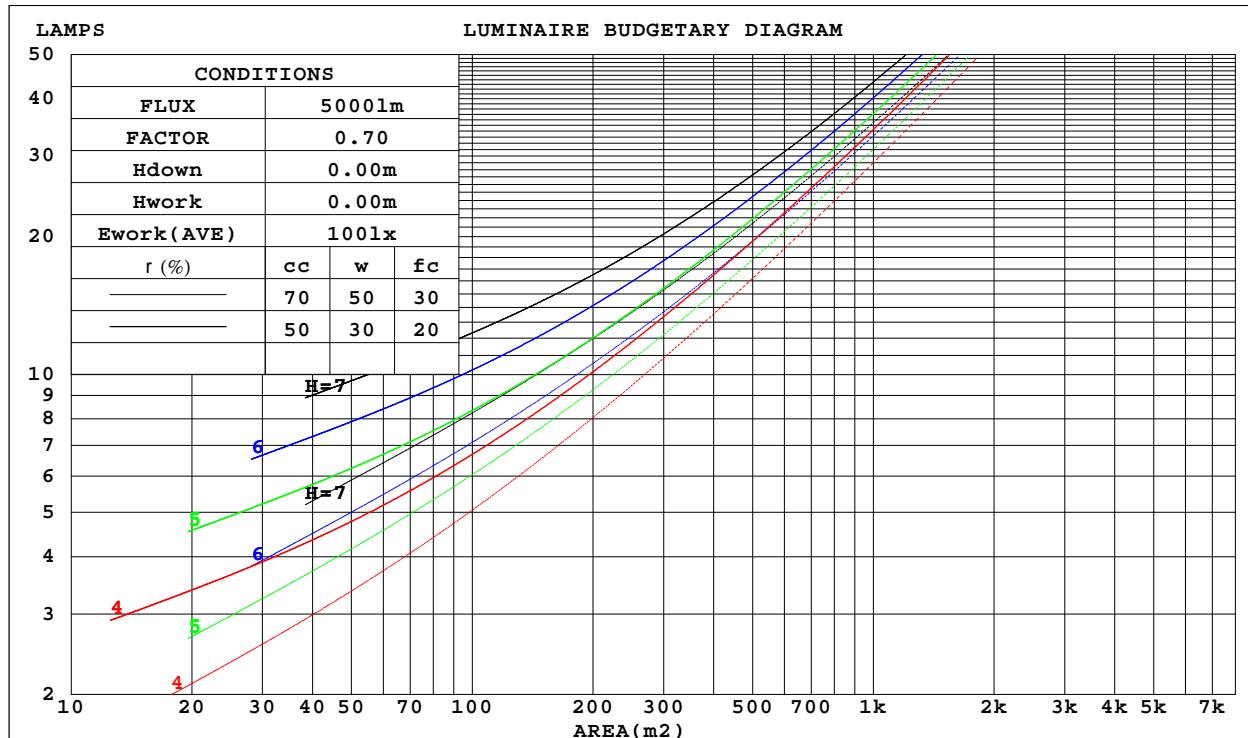
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2025-08-08

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.442
Humidity:65.0%
Test Distance:8.930m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|--|------------|------------------|
| Test:U:120.02V I:0.1020A P:12.225W PF:0.9854 Freq:59.98Hz Lamp Flux:1541.97x1 lm | | |
| NAME: XBLA(24/15/12)W(30/40/50)K | TYPE: T5 | WEIGHT: |
| SPEC.: 4000K | DIM.: 42in | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

| r cc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|---------------------------------|------|------|------|------|------|------|------|------|------|------|------|-----|
| r w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| r 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 | 1.01 | .96 | .91 | .99 | .94 | .90 | .94 | .90 | .87 | .90 | .87 | .84 | .87 | .84 | .82 | .79 |
| 2.0 | .84 | .75 | .68 | .82 | .74 | .67 | .78 | .71 | .66 | .74 | .69 | .64 | .71 | .67 | .63 | .60 |
| 3.0 | .69 | .59 | .51 | .68 | .58 | .51 | .65 | .56 | .50 | .62 | .55 | .49 | .59 | .53 | .48 | .45 |
| 4.0 | .58 | .47 | .39 | .57 | .46 | .39 | .54 | .45 | .38 | .51 | .44 | .37 | .49 | .42 | .37 | .34 |
| 5.0 | .49 | .38 | .30 | .48 | .38 | .30 | .46 | .36 | .29 | .43 | .35 | .29 | .41 | .34 | .28 | .26 |
| 6.0 | .42 | .31 | .23 | .41 | .31 | .23 | .39 | .30 | .23 | .37 | .29 | .23 | .36 | .28 | .22 | .20 |
| 7.0 | .37 | .26 | .19 | .36 | .26 | .19 | .34 | .25 | .18 | .32 | .24 | .18 | .31 | .24 | .18 | .15 |
| 8.0 | .32 | .22 | .15 | .31 | .22 | .15 | .30 | .21 | .15 | .29 | .20 | .15 | .27 | .20 | .14 | .12 |
| 9.0 | .29 | .19 | .12 | .28 | .19 | .12 | .27 | .18 | .12 | .25 | .18 | .12 | .24 | .17 | .12 | .10 |
| 10.0 | .26 | .16 | .10 | .25 | .16 | .10 | .24 | .16 | .10 | .23 | .15 | .10 | .22 | .15 | .10 | .08 |



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Richard
Test Date: 2025-08-08

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.442
Humidity: 65.0%
Test Distance: 8.930m [K=1.0000]
Remarks:

WEC AND CCEC

| | | |
|--|------------|------------------|
| Test:U:120.02V I:0.1020A P:12.225W PF:0.9854 Freq:59.98Hz Lamp Flux:1541.97x1 lm | | |
| NAME: XBLA(24/15/12)W(30/40/50)K | TYPE: T5 | WEIGHT: |
| SPEC.: 4000K | DIM.: 42in | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

| r cc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|------|------|------|---------------------------------|------|------|------|------|------|------|------|------|---|
| r w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| r fc | 20% | | | 20% | | | 20% | | | 20% | | | 20% | | | 0 |
| RCR | RCR:Room Cavity Ratio | | | | | | Wall Exitance Coefficients(WEC) | | | | | | | | | |
| 0.0 | | | | | | | | | | | | | | | | |
| 1.0 | .367 | .209 | .066 | .360 | .205 | .065 | .346 | .199 | .063 | .334 | .193 | .062 | .322 | .187 | .060 | |
| 2.0 | .357 | .196 | .060 | .350 | .193 | .059 | .338 | .188 | .058 | .327 | .183 | .057 | .316 | .179 | .056 | |
| 3.0 | .333 | .177 | .053 | .328 | .175 | .053 | .316 | .171 | .052 | .306 | .168 | .051 | .297 | .164 | .051 | |
| 4.0 | .307 | .160 | .047 | .302 | .158 | .047 | .292 | .155 | .046 | .283 | .152 | .046 | .274 | .149 | .045 | |
| 5.0 | .282 | .144 | .042 | .278 | .143 | .042 | .269 | .140 | .041 | .260 | .137 | .041 | .252 | .135 | .041 | |
| 6.0 | .259 | .130 | .037 | .255 | .129 | .037 | .247 | .127 | .037 | .240 | .125 | .037 | .233 | .122 | .036 | |
| 7.0 | .239 | .118 | .033 | .235 | .117 | .033 | .228 | .115 | .033 | .221 | .113 | .033 | .215 | .112 | .033 | |
| 8.0 | .221 | .108 | .030 | .217 | .107 | .030 | .211 | .105 | .030 | .205 | .104 | .030 | .199 | .102 | .030 | |
| 9.0 | .205 | .099 | .028 | .202 | .098 | .028 | .196 | .097 | .027 | .190 | .095 | .027 | .185 | .094 | .027 | |
| 10.0 | .191 | .091 | .025 | .188 | .091 | .025 | .183 | .089 | .025 | .178 | .088 | .025 | .173 | .087 | .025 | |

| r cc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
|------|-----------------------|------|------|--|------|------|------|------|------|------|------|------|------|------|------|---|
| r w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| r 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 | .184 | .156 | .130 | .158 | .134 | .112 | .108 | .092 | .077 | .062 | .053 | .045 | .020 | .017 | .015 | |
| 2.0 | .181 | .132 | .090 | .155 | .113 | .078 | .106 | .078 | .054 | .061 | .046 | .032 | .020 | .015 | .010 | |
| 3.0 | .177 | .115 | .065 | .151 | .099 | .057 | .104 | .069 | .040 | .060 | .040 | .023 | .019 | .013 | .008 | |
| 4.0 | .171 | .102 | .050 | .147 | .088 | .043 | .101 | .062 | .030 | .058 | .036 | .018 | .019 | .012 | .006 | |
| 5.0 | .165 | .093 | .039 | .141 | .080 | .034 | .097 | .056 | .024 | .056 | .033 | .014 | .018 | .011 | .005 | |
| 6.0 | .158 | .085 | .033 | .136 | .073 | .028 | .094 | .051 | .020 | .054 | .030 | .012 | .018 | .010 | .004 | |
| 7.0 | .151 | .078 | .028 | .130 | .068 | .024 | .089 | .048 | .017 | .052 | .028 | .010 | .017 | .009 | .003 | |
| 8.0 | .143 | .073 | .024 | .123 | .063 | .021 | .085 | .044 | .015 | .050 | .026 | .009 | .016 | .009 | .003 | |
| 9.0 | .136 | .068 | .022 | .118 | .059 | .019 | .081 | .041 | .013 | .047 | .024 | .008 | .015 | .008 | .003 | |
| 10.0 | .130 | .064 | .019 | .112 | .055 | .017 | .078 | .039 | .012 | .045 | .023 | .007 | .015 | .008 | .002 | |

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Richard
 Test Date:2025-08-08

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.442
 Humidity:65.0%
 Test Distance:8.930m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|--|------------------|------|------|------|------------|----------------|------|------------------|------|------|
| Test:U:120.02V I:0.1020A P:12.225W PF:0.9854 Freq:59.98Hz Lamp Flux:1541.97x1 lm | | | | | | | | | | |
| NAME: XBLA(24/15/12)W(30/40/50)K | | | | | TYPE: T5 | | | WEIGHT: | | |
| SPEC.: 4000K | | | | | DIM.: 42in | | | SERIAL No.: | | |
| MFR.: | | | | | SUR.: | | | Shielding Angle: | | |
| ceiling/cavity | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| walls | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Room dimensions | Viewed crosswise | | | | | Viewed endwise | | | | |
| x = 2H y = 2H | 17.9 | 19.9 | 18.2 | 20.1 | 20.3 | 17.9 | 19.9 | 18.2 | 20.1 | 20.3 |
| 3H | 19.6 | 21.3 | 19.9 | 21.6 | 21.9 | 18.6 | 20.3 | 18.9 | 20.6 | 20.8 |
| 4H | 19.7 | 21.3 | 20.0 | 21.6 | 21.9 | 18.5 | 20.2 | 18.8 | 20.4 | 20.7 |
| 6H | 19.6 | 21.2 | 20.0 | 21.5 | 21.8 | 18.4 | 20.0 | 18.7 | 20.3 | 20.6 |
| 8H | 19.6 | 21.1 | 19.9 | 21.4 | 21.7 | 18.3 | 19.9 | 18.7 | 20.2 | 20.5 |
| 12H | 19.5 | 21.0 | 19.9 | 21.3 | 21.6 | 18.3 | 19.7 | 18.7 | 20.1 | 20.4 |
| 4H 2H | 18.4 | 20.1 | 18.8 | 20.4 | 20.6 | 18.4 | 20.1 | 18.7 | 20.3 | 20.6 |
| 3H | 20.0 | 21.4 | 20.3 | 21.7 | 22.1 | 19.0 | 20.5 | 19.4 | 20.8 | 21.1 |
| 4H | 20.1 | 21.4 | 20.5 | 21.8 | 22.1 | 19.0 | 20.3 | 19.4 | 20.6 | 21.0 |
| 6H | 20.1 | 21.2 | 20.5 | 21.6 | 22.0 | 18.9 | 20.1 | 19.3 | 20.4 | 20.8 |
| 8H | 20.0 | 21.1 | 20.5 | 21.5 | 21.9 | 18.9 | 20.0 | 19.3 | 20.3 | 20.7 |
| 12H | 20.0 | 21.0 | 20.5 | 21.4 | 21.8 | 18.8 | 19.8 | 19.3 | 20.2 | 20.7 |
| 8H 4H | 20.0 | 21.1 | 20.4 | 21.5 | 21.9 | 18.9 | 20.0 | 19.3 | 20.4 | 20.8 |
| 6H | 20.0 | 20.9 | 20.5 | 21.3 | 21.8 | 18.9 | 19.8 | 19.4 | 20.2 | 20.6 |
| 8H | 20.0 | 20.8 | 20.5 | 21.2 | 21.7 | 18.9 | 19.7 | 19.4 | 20.1 | 20.6 |
| 12H | 20.0 | 20.7 | 20.5 | 21.2 | 21.6 | 18.9 | 19.6 | 19.4 | 20.0 | 20.5 |
| 12H 4H | 20.0 | 21.0 | 20.4 | 21.4 | 21.8 | 18.9 | 19.9 | 19.3 | 20.3 | 20.7 |
| 6H | 20.0 | 20.8 | 20.5 | 21.2 | 21.7 | 18.9 | 19.7 | 19.4 | 20.1 | 20.6 |
| 8H | 20.0 | 20.7 | 20.5 | 21.1 | 21.6 | 18.9 | 19.6 | 19.4 | 20.0 | 20.5 |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | |
| S = 1.0H | + 0.1 / - 0.2 | | | | | + 0.2 / - 0.3 | | | | |
| 1.5H | + 0.3 / - 0.4 | | | | | + 1.1 / - 0.9 | | | | |
| 2.0H | + 1.0 / - 1.9 | | | | | + 1.3 / - 2.8 | | | | |

CIE Pub.117, 1542 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.5)
Area: 0.3224 m2

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2025-08-08

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.442
Humidity:65.0%
Test Distance:8.930m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|--|------------|------------------|
| Test:U:120.02V I:0.1020A P:12.225W PF:0.9854 Freq:59.98Hz Lamp Flux:1541.97x1 lm | | |
| NAME: XBLA(24/15/12)W(30/40/50)K | TYPE: T5 | WEIGHT: |
| SPEC.: 4000K | DIM.: 42in | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

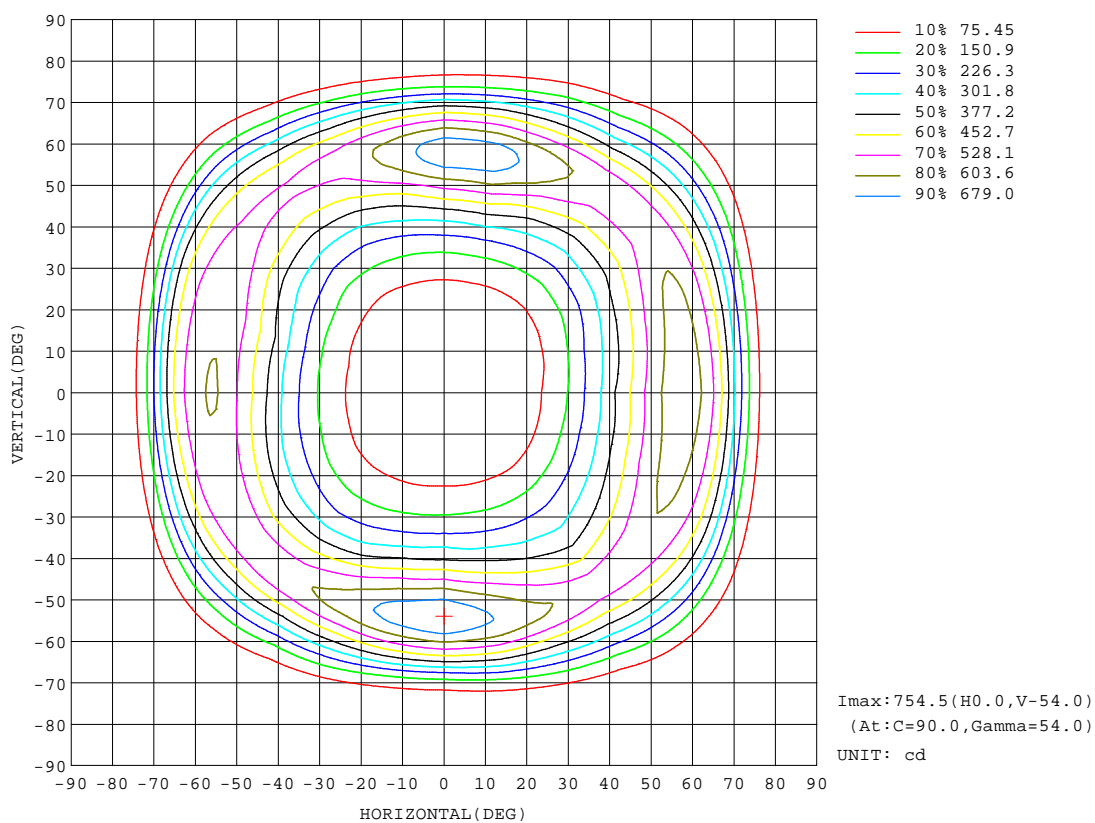
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0 |
| ROOM INDEX | UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$ | | | | | | | | | |
| $k = 0.60$ | 37 | 21 | 12 | 36 | 21 | 12 | 34 | 21 | 12 | 3 |
| 0.80 | 49 | 33 | 23 | 47 | 32 | 23 | 45 | 32 | 22 | 13 |
| 1.00 | 60 | 45 | 35 | 58 | 44 | 35 | 56 | 47 | 34 | 25 |
| 1.25 | 69 | 55 | 46 | 68 | 54 | 45 | 64 | 53 | 44 | 35 |
| 1.50 | 76 | 63 | 53 | 74 | 62 | 53 | 71 | 60 | 52 | 42 |
| 2.00 | 86 | 75 | 67 | 84 | 74 | 66 | 80 | 71 | 64 | 55 |
| 2.50 | 92 | 82 | 74 | 90 | 81 | 73 | 86 | 78 | 71 | 62 |
| 3.00 | 97 | 88 | 81 | 95 | 86 | 80 | 90 | 83 | 78 | 68 |
| 4.00 | 102 | 95 | 89 | 100 | 93 | 88 | 95 | 90 | 85 | 76 |
| 5.00 | 106 | 100 | 95 | 103 | 98 | 93 | 98 | 94 | 90 | 80 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | | SHRNOM = 1.25 | | |

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Richard
 Test Date:2025-08-08

g Range: 0 - 90DEG
 g Interval: 0.5DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.442
 Humidity:65.0%
 Test Distance:8.930m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|--|------------|------------------|
| Test:U:120.02V I:0.1020A P:12.225W PF:0.9854 Freq:59.98Hz Lamp Flux:1541.97x1 lm | | |
| NAME: XBLA(24/15/12)W(30/40/50)K | TYPE: T5 | WEIGHT: |
| SPEC.: 4000K | DIM.: 42in | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

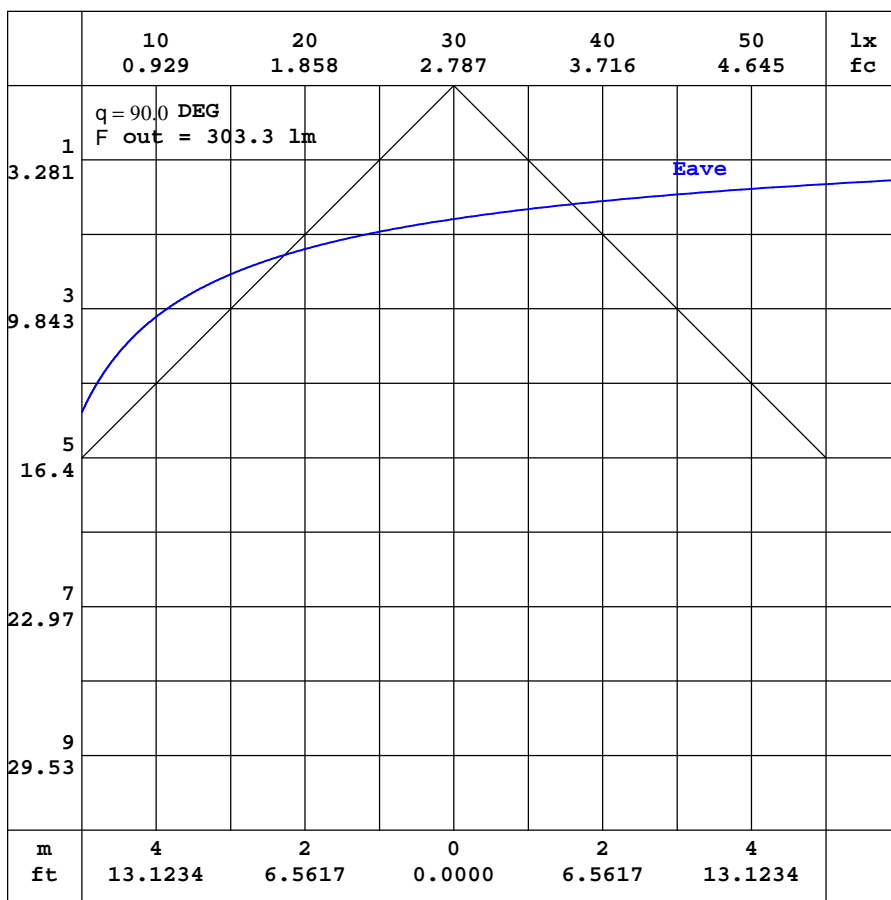


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2025-08-08

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.442
Humidity:65.0%
Test Distance:8.930m [K=1.0000]
Remarks:

AAI CURVES

| | | |
|--|------------|------------------|
| Test:U:120.02V I:0.1020A P:12.225W PF:0.9854 Freq:59.98Hz Lamp Flux:1541.97x1 lm | | |
| NAME: XBLA(24/15/12)W(30/40/50)K | TYPE: T5 | WEIGHT: |
| SPEC.: 4000K | DIM.: 42in | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |



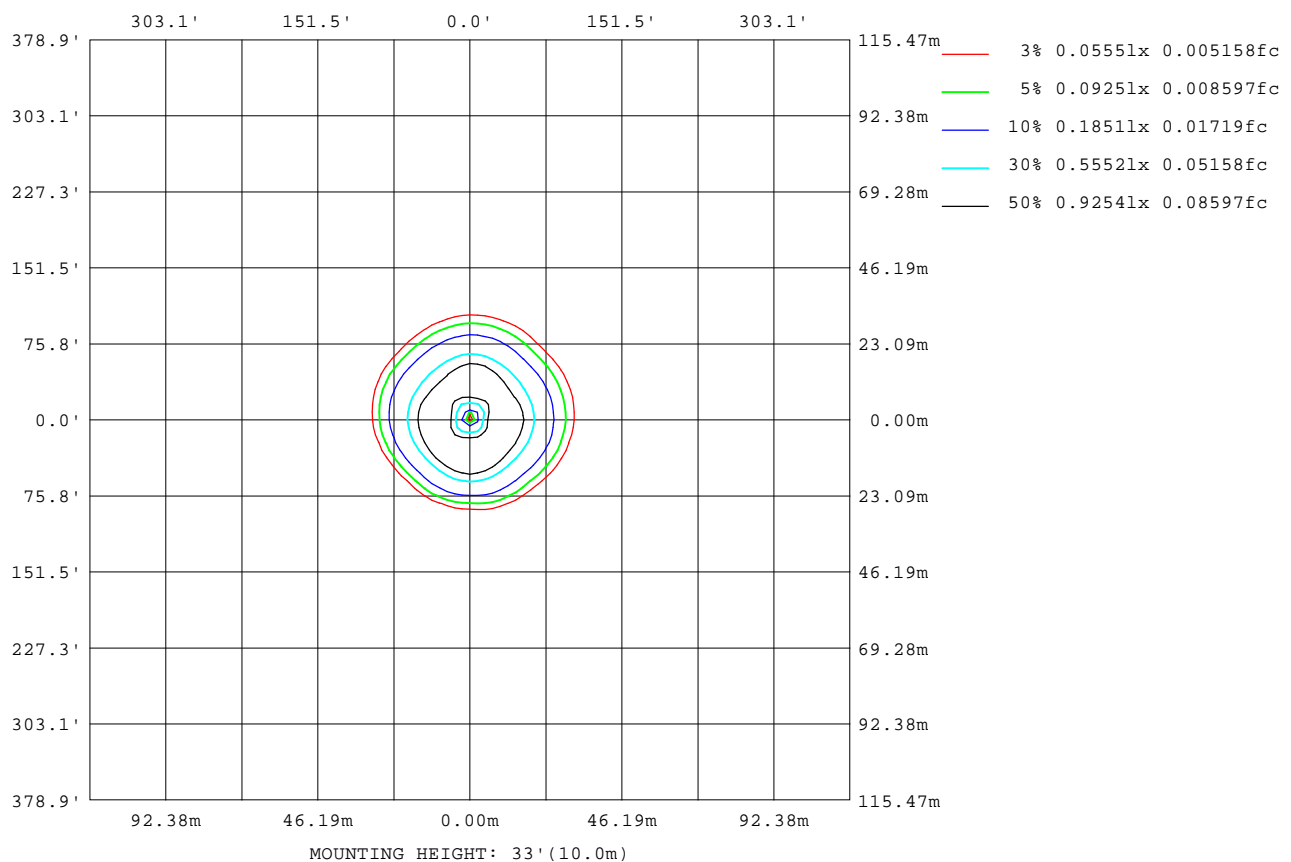
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Richard
Test Date: 2025-08-08

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.442
Humidity: 65.0%
Test Distance: 8.930m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

| | | |
|--|------------|------------------|
| Test:U:120.02V I:0.1020A P:12.225W PF:0.9854 Freq:59.98Hz Lamp Flux:1541.97x1 lm | | |
| NAME: XBLA(24/15/12)W(30/40/50)K | TYPE: T5 | WEIGHT: |
| SPEC.: 4000K | DIM.: 42in | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Richard
Test Date: 2025-08-08

g Range: 0 - 90DEG
g Interval: 0.5DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.442
Humidity: 65.0%
Test Distance: 8.930m [K=1.0000]
Remarks:

LED Avg.L Report

| | | |
|--|------------|------------------|
| Test:U:120.02V I:0.1020A P:12.225W PF:0.9854 Freq:59.98Hz Lamp Flux:1541.97x1 lm | | |
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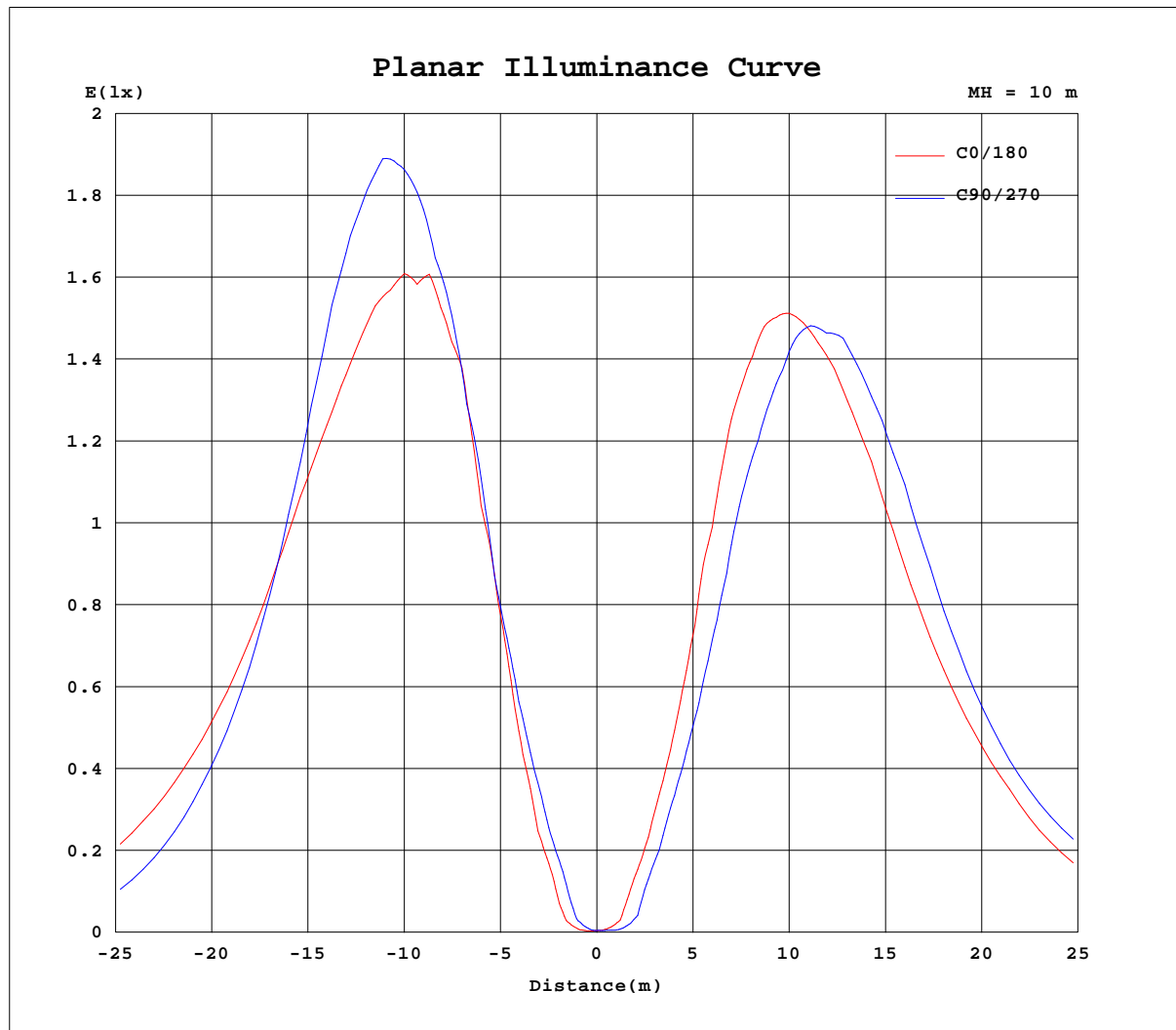
| AvgL | cd/m2 |
|----------------|-------|
| L_0~180(65)av | 3656 |
| L_0~180(75)av | 955 |
| L_0~180(85)av | 439 |
| L_90~270(65)av | 3419 |
| L_90~270(75)av | 920 |
| L_90~270(85)av | 461 |
| L_45(65)av | 2783 |
| L_45(75)av | 767 |
| L_45(85)av | 495 |

Standard: GB/T 29293-2012

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g Interval: 0.5DEG
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Humidity:65.0%
Test Distance:8.930m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
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LUMINOUS DISTRIBUTION INTENSITY DATA

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UNIT: cd

[illegible]

```
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Humidity:65.0%
Test Distance:8.930m [K=1.0000]
Remarks:
```


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UNIT: cd

[illegible]

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UNIT: cd

[illegible]

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