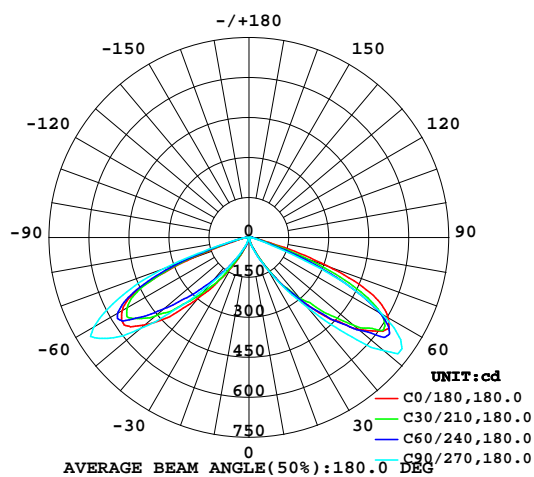


LUMINAIRE PHOTOMETRIC TEST REPORT

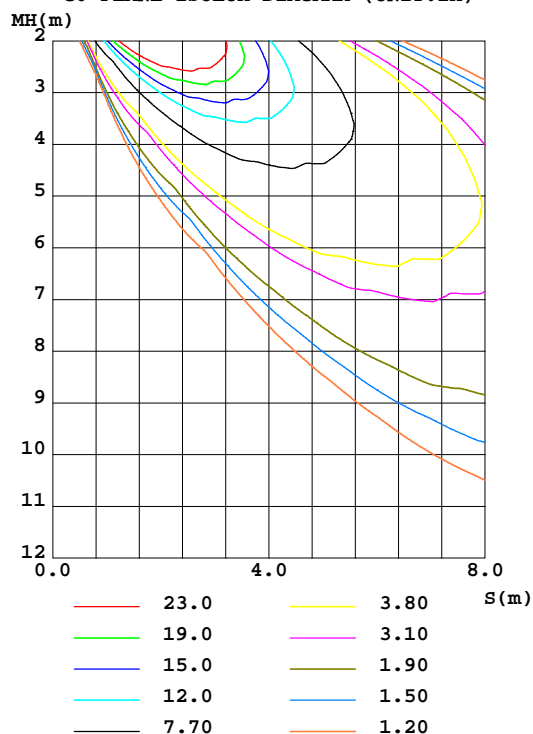
| | | |
|--|------------|------------------|
| Test:U:120.01V I:0.1034A P:12.412W PF:0.9852 Freq:59.98Hz Lamp Flux:1514.65x1 lm | | |
| NAME: XBLA(24/15/12)W(30/40/50)K | TYPE: T5 | WEIGHT: |
| SPEC.: 3000K | DIM.: 42in | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 122.03 lm/W | | | |
|------------------|---------|-----------------------------------|--------|-------------------|----------|
| MODEL | | I _{max} (cd) | 709.6 | 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) | 1514.6 | h UP,DN(C0-180) | 0.0,49.5 |
| NOMINAL FLUX(lm) | 1514.65 | CIE CLASS | DIRECT | h UP,DN(C180-360) | 0.0,50.5 |
| 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:

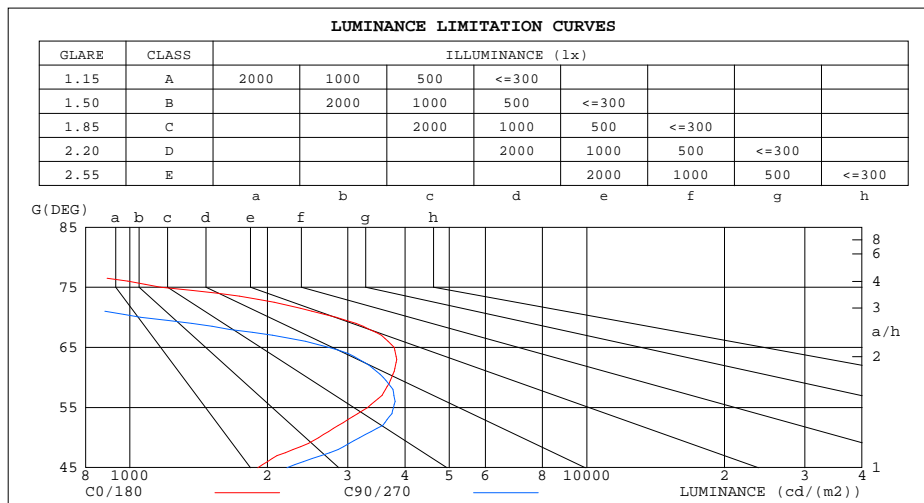
| g | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | g | F zone | F total | %lum,lamp |
|-----|-----------------------|-------|-------|-------|-------|-------|-------|-------|---------|---------|---------|-----------|
| 10 | 2.209 | 3.432 | 4.594 | 4.458 | 3.382 | 2.153 | 1.505 | 1.492 | 0- 10 | 0.1515 | 0.1515 | 0.01,0.01 |
| 20 | 29.61 | 37.35 | 41.22 | 38.72 | 35.25 | 28.33 | 18.02 | 21.28 | 10- 20 | 4.102 | 4.253 | 0.28,0.28 |
| 30 | 126.4 | 119.2 | 135.7 | 114.5 | 123.0 | 90.52 | 79.75 | 85.88 | 20- 30 | 30.86 | 35.11 | 2.32,2.32 |
| 40 | 319.7 | 274.0 | 343.6 | 269.7 | 298.8 | 226.0 | 233.8 | 225.8 | 30- 40 | 120.9 | 156.0 | 10.3,10.3 |
| 50 | 536.4 | 471.4 | 659.5 | 514.4 | 510.1 | 419.4 | 531.3 | 436.3 | 40- 50 | 307.2 | 463.2 | 30.6,30.6 |
| 60 | 602.8 | 528.2 | 578.7 | 499.3 | 548.9 | 530.4 | 673.1 | 583.8 | 50- 60 | 519.9 | 983.1 | 64.9,64.9 |
| 70 | 311.9 | 184.1 | 116.5 | 117.5 | 222.5 | 246.9 | 335.6 | 277.7 | 60- 70 | 415.5 | 1399 | 92.3,92.3 |
| 80 | 33.53 | 24.87 | 17.18 | 18.80 | 23.96 | 32.68 | 37.89 | 40.19 | 70- 80 | 99.18 | 1498 | 98.9,98.9 |
| 90 | 3.689 | 5.349 | 4.726 | 5.625 | 3.993 | 6.139 | 3.928 | 8.689 | 80- 90 | 16.81 | 1515 | 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:120.01V I:0.1034A P:12.412W PF:0.9852 Freq:59.98Hz Lamp Flux:1514.65x1 lm | | |
| NAME: XBLA(24/15/12)W(30/40/50)K | TYPE: T5 | WEIGHT: |
| SPEC.: 3000K | DIM.: 42in | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G(DEG) | C0/180 | C90/270 |
| 85 | 386 | 212 |
| 80 | 599 | 307 |
| 75 | 1167 | 477 |
| 70 | 2829 | 1056 |
| 65 | 3789 | 2725 |
| 60 | 3740 | 3590 |
| 55 | 3315 | 3775 |
| 50 | 2588 | 3183 |
| 45 | 1906 | 2207 |

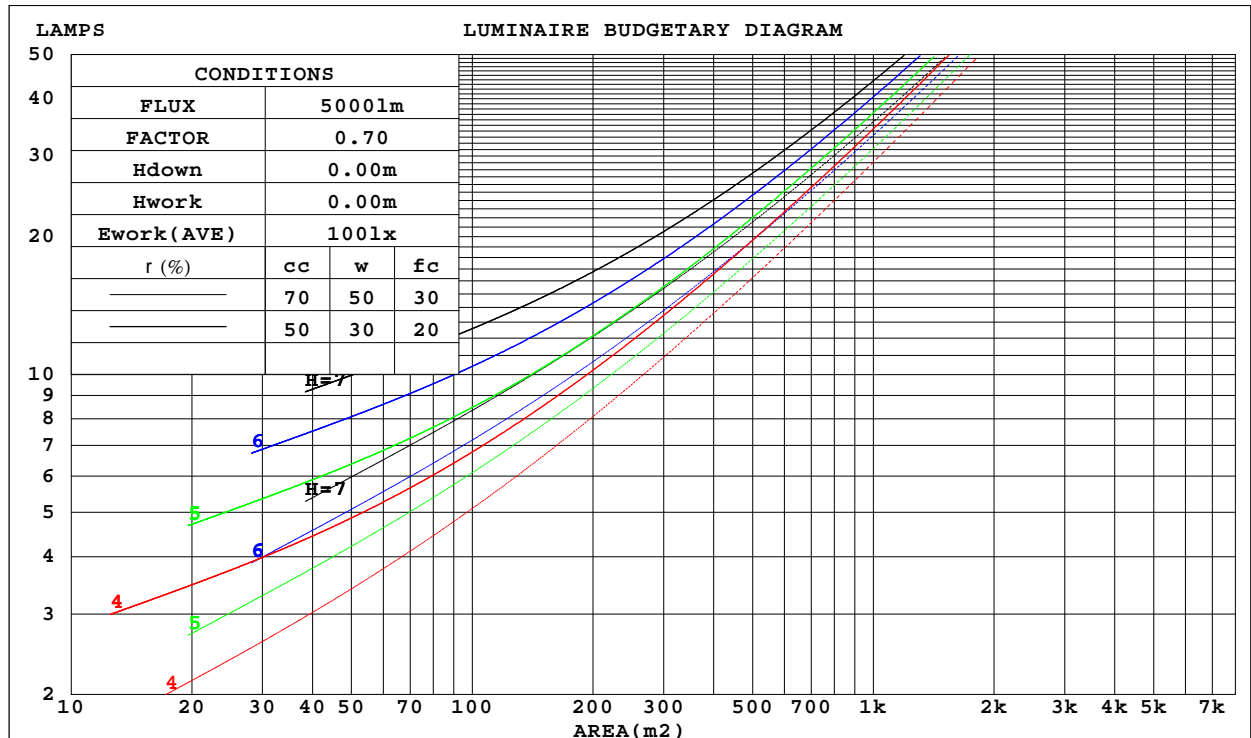
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Richard
Test Date:2025-08-08

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:120.01V I:0.1034A P:12.412W PF:0.9852 Freq:59.98Hz Lamp Flux:1514.65x1 lm | | |
| NAME: XBLA(24/15/12)W(30/40/50)K | TYPE: T5 | WEIGHT: |
| SPEC.: 3000K | 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 | 1.00 |
| 1.0 | 1.01 | .96 | .91 | .98 | .94 | .89 | .94 | .90 | .87 | .90 | .87 | .84 | .86 | .84 | .81 | .79 |
| 2.0 | .83 | .75 | .68 | .81 | .74 | .67 | .78 | .71 | .65 | .74 | .69 | .64 | .71 | .66 | .62 | .60 |
| 3.0 | .69 | .59 | .51 | .67 | .58 | .50 | .64 | .56 | .49 | .61 | .54 | .48 | .58 | .52 | .47 | .45 |
| 4.0 | .58 | .47 | .38 | .56 | .46 | .38 | .54 | .45 | .37 | .51 | .43 | .37 | .49 | .42 | .36 | .34 |
| 5.0 | .49 | .38 | .29 | .48 | .37 | .29 | .45 | .36 | .29 | .43 | .35 | .28 | .41 | .34 | .28 | .25 |
| 6.0 | .42 | .31 | .23 | .41 | .30 | .23 | .39 | .29 | .22 | .37 | .28 | .22 | .35 | .28 | .22 | .19 |
| 7.0 | .36 | .26 | .18 | .35 | .25 | .18 | .34 | .24 | .18 | .32 | .24 | .18 | .30 | .23 | .17 | .15 |
| 8.0 | .32 | .22 | .15 | .31 | .21 | .14 | .30 | .21 | .14 | .28 | .20 | .14 | .27 | .19 | .14 | .12 |
| 9.0 | .28 | .18 | .12 | .28 | .18 | .12 | .26 | .18 | .12 | .25 | .17 | .12 | .24 | .17 | .11 | .09 |
| 10.0 | .25 | .16 | .10 | .25 | .16 | .10 | .24 | .15 | .10 | .23 | .15 | .10 | .22 | .14 | .09 | .07 |



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:120.01V I:0.1034A P:12.412W PF:0.9852 Freq:59.98Hz Lamp Flux:1514.65x1 lm | | |
| NAME: XBLA(24/15/12)W(30/40/50)K | TYPE: T5 | WEIGHT: |
| SPEC.: 3000K | 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 | .370 | .210 | .067 | .363 | .207 | .066 | .349 | .200 | .064 | .337 | .194 | .062 | .325 | .188 | .061 | |
| 2.0 | .360 | .197 | .060 | .353 | .195 | .060 | .341 | .190 | .059 | .330 | .185 | .058 | .319 | .180 | .057 | |
| 3.0 | .336 | .179 | .054 | .330 | .177 | .053 | .319 | .173 | .053 | .309 | .169 | .052 | .299 | .166 | .051 | |
| 4.0 | .309 | .161 | .047 | .304 | .159 | .047 | .294 | .156 | .047 | .285 | .153 | .046 | .276 | .150 | .046 | |
| 5.0 | .284 | .145 | .042 | .279 | .143 | .042 | .270 | .141 | .041 | .262 | .138 | .041 | .254 | .136 | .041 | |
| 6.0 | .261 | .131 | .037 | .257 | .130 | .037 | .249 | .127 | .037 | .241 | .125 | .037 | .234 | .123 | .037 | |
| 7.0 | .240 | .119 | .034 | .236 | .118 | .034 | .229 | .116 | .033 | .222 | .114 | .033 | .216 | .112 | .033 | |
| 8.0 | .222 | .108 | .030 | .218 | .108 | .030 | .212 | .106 | .030 | .206 | .104 | .030 | .200 | .103 | .030 | |
| 9.0 | .206 | .099 | .028 | .203 | .099 | .028 | .197 | .097 | .028 | .191 | .096 | .027 | .186 | .095 | .027 | |
| 10.0 | .191 | .092 | .025 | .189 | .091 | .025 | .183 | .090 | .025 | .178 | .089 | .025 | .174 | .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 | .152 | .099 | .056 | .104 | .069 | .040 | .060 | .040 | .023 | .019 | .013 | .008 | |
| 4.0 | .172 | .102 | .049 | .147 | .088 | .043 | .101 | .062 | .030 | .059 | .036 | .018 | .019 | .012 | .006 | |
| 5.0 | .165 | .093 | .039 | .142 | .080 | .034 | .098 | .056 | .024 | .057 | .033 | .014 | .018 | .011 | .005 | |
| 6.0 | .158 | .085 | .032 | .136 | .074 | .028 | .094 | .051 | .020 | .054 | .030 | .012 | .018 | .010 | .004 | |
| 7.0 | .151 | .078 | .028 | .130 | .068 | .024 | .090 | .048 | .017 | .052 | .028 | .010 | .017 | .009 | .003 | |
| 8.0 | .144 | .073 | .024 | .124 | .063 | .021 | .086 | .044 | .015 | .050 | .026 | .009 | .016 | .009 | .003 | |
| 9.0 | .137 | .068 | .021 | .118 | .059 | .019 | .082 | .041 | .013 | .048 | .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:120.01V I:0.1034A P:12.412W PF:0.9852 Freq:59.98Hz Lamp Flux:1514.65x1 lm | | | | | | | | | | | |
| NAME: XBLA(24/15/12)W(30/40/50)K | | | | | | TYPE: T5 | | | WEIGHT: | | |
| SPEC.: 3000K | | | | | | 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 | 18.0 | 19.9 | 18.3 | 20.1 | 20.4 | 18.0 | 20.0 | 18.3 | 20.2 | 20.4 | |
| | 3H | 19.6 | 21.4 | 19.9 | 21.6 | 21.9 | 18.6 | 20.4 | 19.0 | 20.7 | 20.9 |
| | 4H | 19.7 | 21.4 | 20.0 | 21.7 | 22.0 | 18.6 | 20.2 | 18.9 | 20.5 | 20.8 |
| | 6H | 19.6 | 21.2 | 20.0 | 21.5 | 21.8 | 18.5 | 20.0 | 18.8 | 20.3 | 20.6 |
| | 8H | 19.6 | 21.1 | 20.0 | 21.4 | 21.7 | 18.4 | 19.9 | 18.8 | 20.2 | 20.6 |
| | 12H | 19.5 | 21.0 | 19.9 | 21.3 | 21.6 | 18.4 | 19.8 | 18.7 | 20.1 | 20.5 |
| 4H | 2H | 18.6 | 20.2 | 18.9 | 20.5 | 20.8 | 18.6 | 20.2 | 18.9 | 20.5 | 20.8 |
| | 3H | 20.1 | 21.6 | 20.5 | 21.9 | 22.2 | 19.2 | 20.6 | 19.5 | 21.0 | 21.3 |
| | 4H | 20.2 | 21.5 | 20.6 | 21.9 | 22.2 | 19.1 | 20.5 | 19.5 | 20.8 | 21.2 |
| | 6H | 20.2 | 21.3 | 20.6 | 21.7 | 22.1 | 19.1 | 20.3 | 19.5 | 20.6 | 21.0 |
| | 8H | 20.1 | 21.2 | 20.6 | 21.6 | 22.0 | 19.0 | 20.1 | 19.5 | 20.5 | 20.9 |
| | 12H | 20.1 | 21.1 | 20.6 | 21.5 | 21.9 | 19.0 | 20.0 | 19.4 | 20.4 | 20.8 |
| 8H | 4H | 20.1 | 21.2 | 20.5 | 21.6 | 22.0 | 19.1 | 20.2 | 19.5 | 20.6 | 21.0 |
| | 6H | 20.1 | 21.0 | 20.6 | 21.4 | 21.9 | 19.1 | 20.0 | 19.5 | 20.4 | 20.8 |
| | 8H | 20.1 | 20.9 | 20.6 | 21.4 | 21.8 | 19.1 | 19.9 | 19.5 | 20.3 | 20.8 |
| | 12H | 20.1 | 20.8 | 20.6 | 21.3 | 21.7 | 19.1 | 19.7 | 19.5 | 20.2 | 20.7 |
| 12H | 4H | 20.1 | 21.1 | 20.5 | 21.5 | 21.9 | 19.1 | 20.1 | 19.5 | 20.5 | 20.9 |
| | 6H | 20.1 | 20.9 | 20.6 | 21.3 | 21.8 | 19.1 | 19.9 | 19.5 | 20.3 | 20.7 |
| | 8H | 20.1 | 20.8 | 20.6 | 21.2 | 21.7 | 19.1 | 19.7 | 19.5 | 20.2 | 20.7 |
| Variations with the observer position at spacings(CIE Pub.117): | | | | | | | | | | | |
| S = 1.0H | + 0.1 / - 0.2 | | | | | + 0.2 / - 0.3 | | | | | |
| 1.5H | + 0.6 / - 0.4 | | | | | + 1.3 / - 1.0 | | | | | |
| 2.0H | + 0.9 / - 2.0 | | | | | + 1.1 / - 3.0 | | | | | |

CIE Pub.117, 1515 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 1.4$)
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:120.01V I:0.1034A P:12.412W PF:0.9852 Freq:59.98Hz Lamp Flux:1514.65x1 lm | | |
| NAME: XBLA(24/15/12)W(30/40/50)K | TYPE: T5 | WEIGHT: |
| SPEC.: 3000K | DIM.: 42in | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

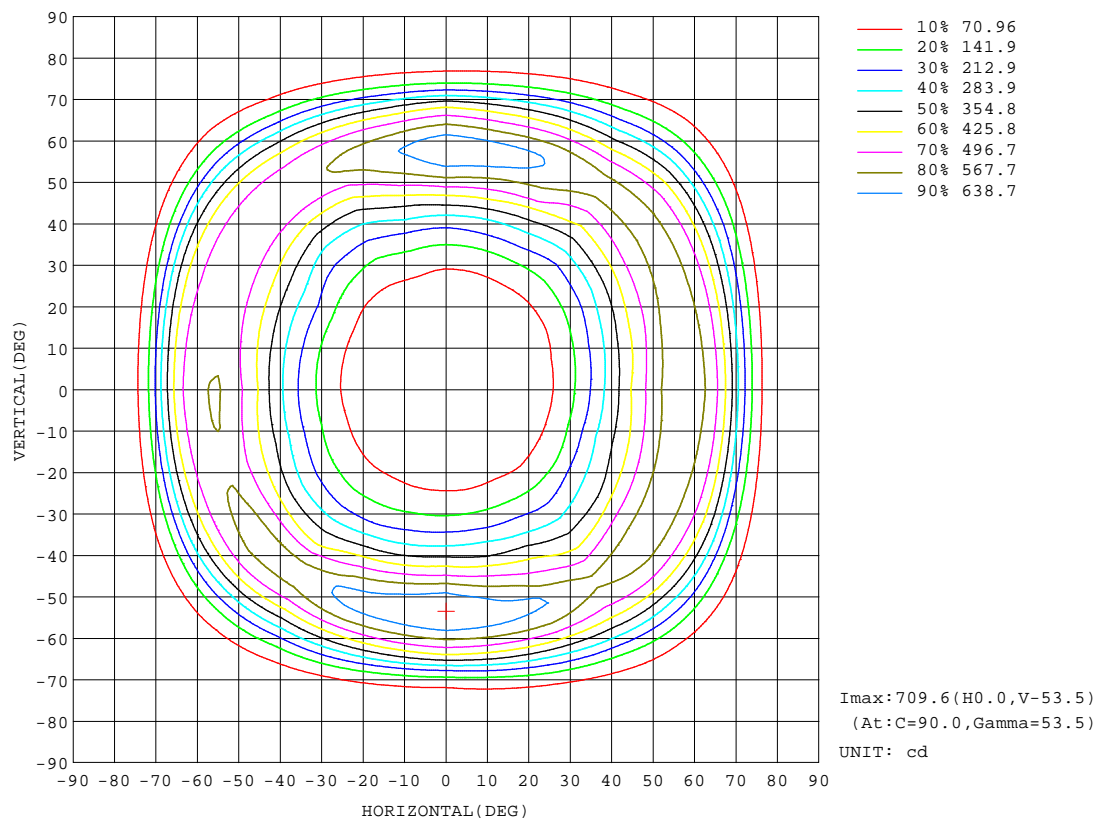
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|---|-----|-----------|-----|-----|-----|-----|---------------|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 36 | 21 | 11 | 35 | 20 | 11 | 34 | 20 | 11 | 3 |
| 0.80 | 48 | 32 | 22 | 47 | 32 | 22 | 45 | 31 | 22 | 12 |
| 1.00 | 59 | 44 | 34 | 58 | 44 | 34 | 55 | 46 | 33 | 24 |
| 1.25 | 69 | 55 | 45 | 67 | 54 | 44 | 64 | 52 | 44 | 34 |
| 1.50 | 76 | 62 | 53 | 74 | 61 | 52 | 70 | 59 | 51 | 42 |
| 2.00 | 86 | 75 | 66 | 84 | 73 | 65 | 80 | 71 | 64 | 54 |
| 2.50 | 92 | 82 | 74 | 90 | 80 | 73 | 85 | 77 | 71 | 61 |
| 3.00 | 97 | 88 | 81 | 94 | 86 | 80 | 90 | 83 | 77 | 68 |
| 4.00 | 102 | 95 | 89 | 100 | 93 | 88 | 95 | 90 | 85 | 75 |
| 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:120.01V I:0.1034A P:12.412W PF:0.9852 Freq:59.98Hz Lamp Flux:1514.65x1 lm | | |
| NAME: XBLA(24/15/12)W(30/40/50)K | TYPE: T5 | WEIGHT: |
| SPEC.: 3000K | DIM.: 42in | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

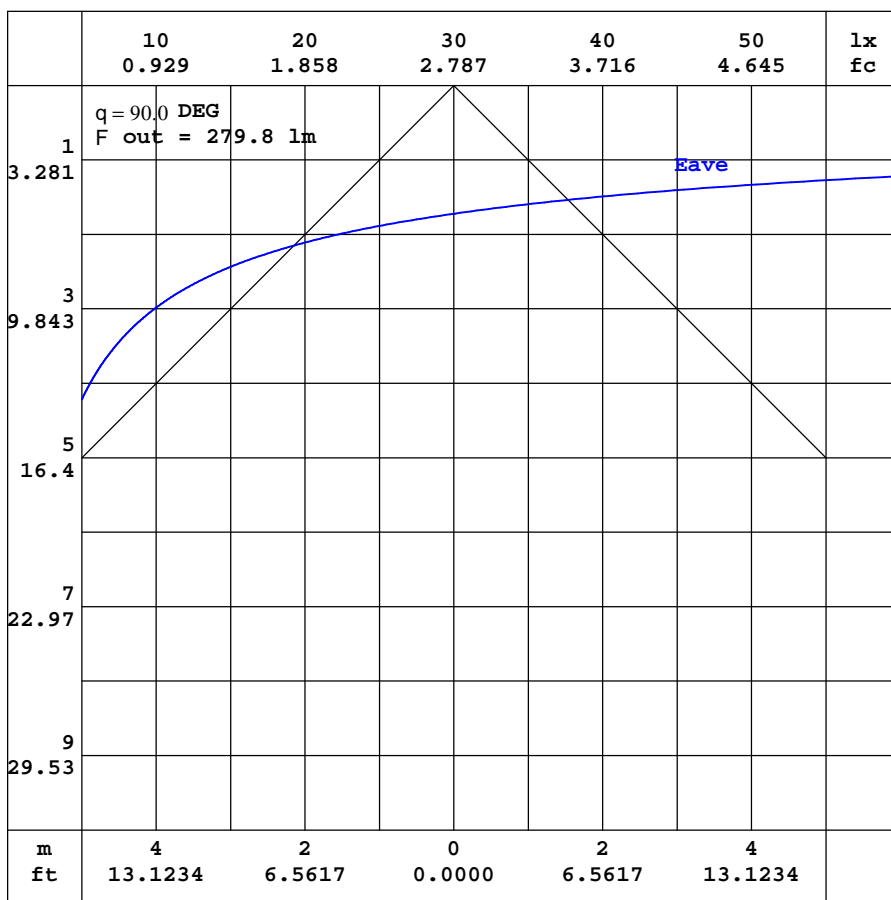


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Richard
Test Date: 2025-08-08

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:120.01V I:0.1034A P:12.412W PF:0.9852 Freq:59.98Hz Lamp Flux:1514.65x1 lm | | |
| NAME: XBLA(24/15/12)W(30/40/50)K | TYPE: T5 | WEIGHT: |
| SPEC.: 3000K | DIM.: 42in | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |



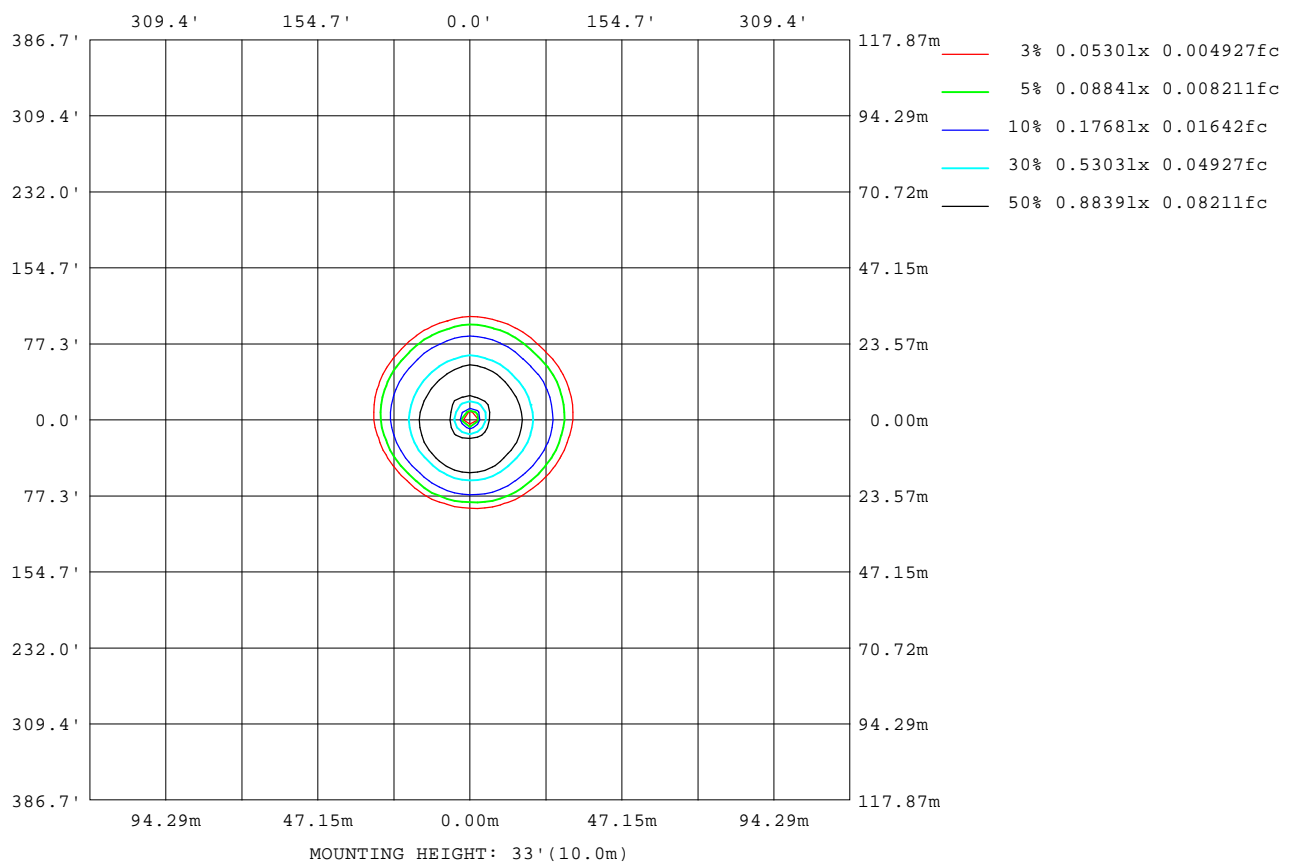
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:120.01V I:0.1034A P:12.412W PF:0.9852 Freq:59.98Hz Lamp Flux:1514.65x1 lm | | |
| NAME: XBLA(24/15/12)W(30/40/50)K | TYPE: T5 | WEIGHT: |
| SPEC.: 3000K | DIM.: 42in | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |



C Range: 0 - 360DEG
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g Interval: 0.5DEG
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Humidity: 65.0%
Test Distance: 8.930m [K=1.0000]
Remarks:

LED Avg.L Report

| | | |
|--|------------|------------------|
| Test:U:120.01V I:0.1034A P:12.412W PF:0.9852 Freq:59.98Hz Lamp Flux:1514.65x1 lm | | |
| NAME: XBLA(24/15/12)W(30/40/50)K | TYPE: T5 | WEIGHT: |
| SPEC.: 3000K | DIM.: 42in | SERIAL No.: |
| MFR.: | SUR.: | Shielding Angle: |

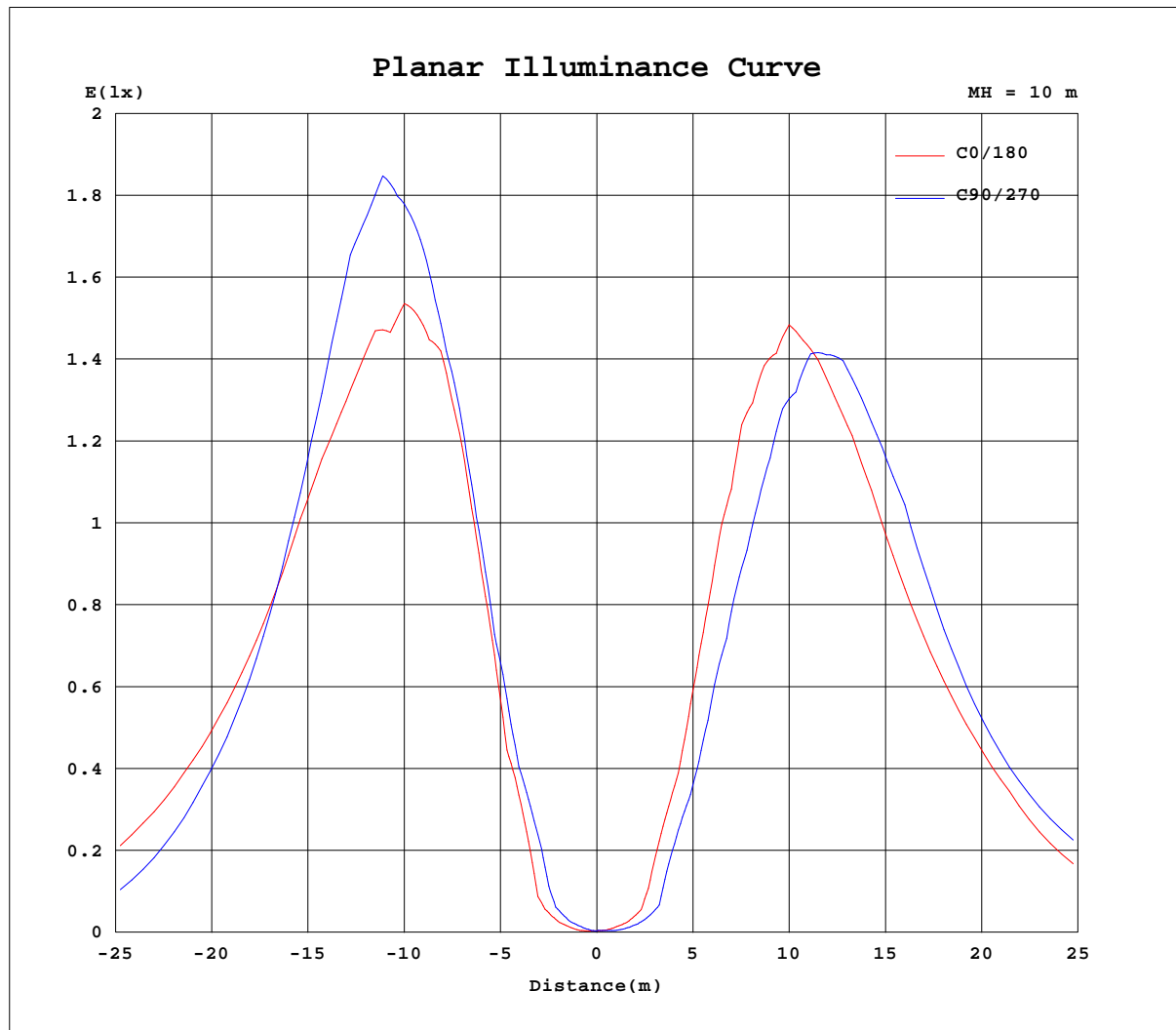
| AvgL | cd/m2 |
|----------------|-------|
| L_0~180(65)av | 3570 |
| L_0~180(75)av | 931 |
| L_0~180(85)av | 334 |
| L_90~270(65)av | 3327 |
| L_90~270(75)av | 899 |
| L_90~270(85)av | 367 |
| L_45(65)av | 2918 |
| L_45(75)av | 839 |
| L_45(85)av | 476 |

Standard: GB/T 29293-2012

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:

Planar Illuminance Curve



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:

