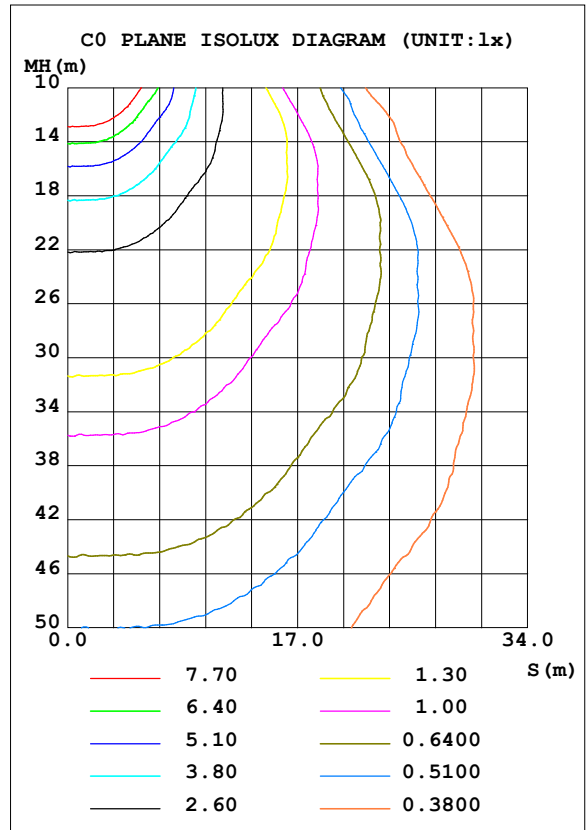
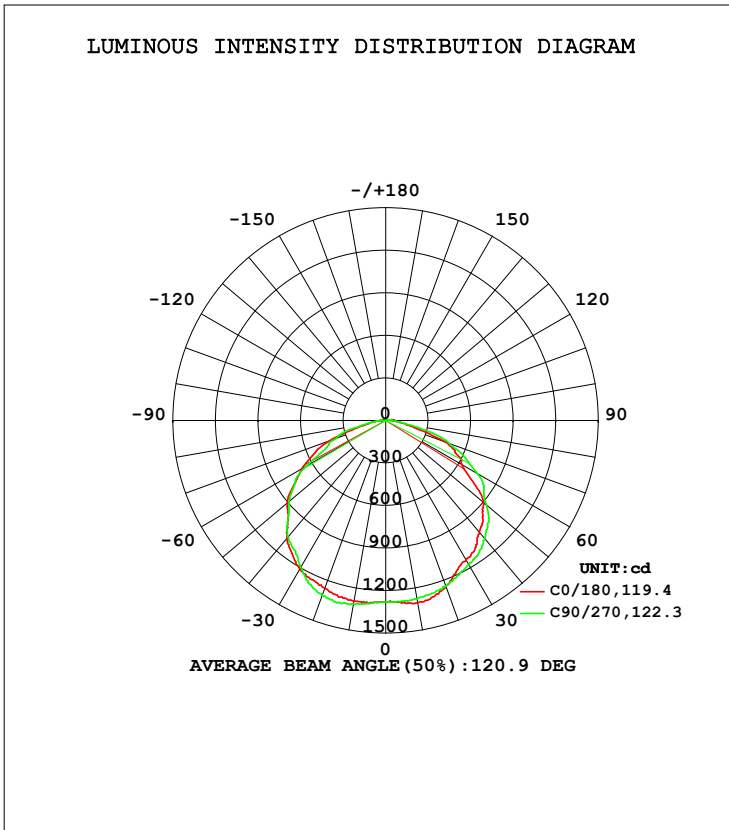


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|--|-----------------|------------------|
| Test:U:120.1V I:0.3587A P:31.71W PF:0.7360 Freq:60.01Hz Lamp Flux:4197.71x1 lm | | |
| NAME: CT-D02032TBN | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.:1.12*0.032 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA Eff: 132.37 lm/W | | | |
|-------------------|---------------|-----------------------------------|--------|---------------------|-----------|
| MODEL | 4'LED T8 Tube | I _{max} (cd) | 1332 | S/MH (C0/180) | 1.39 |
| NOMINAL POWER (W) | 32 | LOR (%) | 100.0 | S/MH (C90/270) | 1.36 |
| RATED VOLTAGE (V) | 120 | TOTAL FLUX (lm) | 4197.7 | η UP, DN (C0-180) | 0.8, 49.8 |
| NOMINAL FLUX (lm) | 4197.71 | CIE CLASS | DIRECT | η UP, DN (C180-360) | 0.5, 48.9 |
| LAMPS INSIDE | 1 | η up (%) | 1.3 | CIBSE SHR NOM | 1.50 |
| TEST VOLTAGE (V) | | η down (%) | 98.7 | CIBSE SHR MAX | 1.55 |



C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Paul
 Test Date: 2016-12-02

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.364
 Humidity: 65.0%
 Test Distance: 2.900m [K=0.8389]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| γ | C0 | C90 | C180 | C270 | | | | γ | Φ zone | Φ total | %lum, lamp |
|----------|-----------------------|--------|--------|--------|--|--|--|----------|-------------|--------------|------------|
| 10 | 1304 | 1276 | 1292 | 1315 | | | | 0- 10 | 123.3 | 123.3 | 2.94,2.94 |
| 20 | 1239 | 1244 | 1257 | 1311 | | | | 10- 20 | 364.3 | 487.6 | 11.6,11.6 |
| 30 | 1136 | 1175 | 1208 | 1197 | | | | 20- 30 | 564.7 | 1052 | 25.1,25.1 |
| 40 | 1026 | 1088 | 1083 | 1074 | | | | 30- 40 | 706.7 | 1759 | 41.9,41.9 |
| 50 | 901.4 | 928.2 | 907.6 | 892.4 | | | | 40- 50 | 762.4 | 2521 | 60.1,60.1 |
| 60 | 623.1 | 746.6 | 683.6 | 649.2 | | | | 50- 60 | 710.5 | 3232 | 77,77 |
| 70 | 450.7 | 478.0 | 421.9 | 377.8 | | | | 60- 70 | 546.7 | 3779 | 90,90 |
| 80 | 142.2 | 145.8 | 121.2 | 128.3 | | | | 70- 80 | 285.4 | 4064 | 96.8,96.8 |
| 90 | 51.53 | 39.60 | 34.89 | 39.22 | | | | 80- 90 | 79.31 | 4143 | 98.7,98.7 |
| 100 | 37.51 | 13.48 | 22.82 | 4.406 | | | | 90-100 | 37.99 | 4181 | 99.6,99.6 |
| 110 | 6.910 | 5.216 | 5.873 | 0.5140 | | | | 100-110 | 9.212 | 4191 | 99.8,99.8 |
| 120 | 3.585 | 2.540 | 3.167 | 0.2887 | | | | 110-120 | 3.404 | 4194 | 99.9,99.9 |
| 130 | 2.296 | 1.476 | 1.872 | 0.4614 | | | | 120-130 | 1.723 | 4196 | 100,100 |
| 140 | 1.439 | 0.8657 | 1.136 | 0.6026 | | | | 130-140 | 0.9754 | 4197 | 100,100 |
| 150 | 0.8682 | 0.5476 | 0.8216 | 0.6507 | | | | 140-150 | 0.5370 | 4197 | 100,100 |
| 160 | 0.6116 | 0.4316 | 0.5976 | 0.5680 | | | | 150-160 | 0.2959 | 4198 | 100,100 |
| 170 | 0.4240 | 0.3892 | 0.4437 | 0.4532 | | | | 160-170 | 0.1401 | 4198 | 100,100 |
| 180 | 0.4755 | 0.4769 | 0.4707 | 0.4727 | | | | 170-180 | 0.0405 | 4198 | 100,100 |
| DEG | LUMINOUS INTENSITY:cd | | | | | | | | UNIT:lm | | |

Conical surface Flux(90deg): 2139.7 lm

%lum = 51.0%
%lamp = 51.0%

Conical surface Flux(120deg): 3232 lm

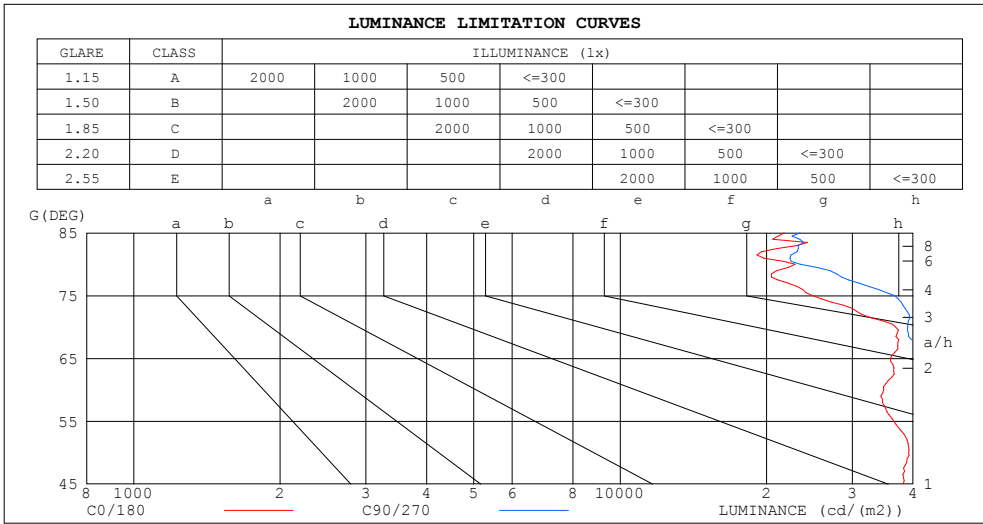
%lum = 77.0%
%lamp = 77.0%

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Paul
Test Date:2016-12-02

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.364
Humidity:65.0%
Test Distance:2.900m [K=0.8389]
Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|--|-----------------|------------------|
| Test:U:120.1V I:0.3587A P:31.71W PF:0.7360 Freq:60.01Hz Lamp Flux:4197.71x1 lm | | |
| NAME: CT-D02032TBN | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.:1.12*0.032 | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 21747 | 23406 |
| 80 | 22873 | 23454 |
| 75 | 24872 | 36652 |
| 70 | 36812 | 39041 |
| 65 | 35923 | 40863 |
| 60 | 34811 | 41710 |
| 55 | 36497 | 41288 |
| 50 | 39171 | 40335 |
| 45 | 38151 | 40364 |

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Paul
Test Date:2016-12-02

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.364
Humidity:65.0%
Test Distance:2.900m [K=0.8389]
Remarks:

WEC AND CCEC

| | | | | | | | | | | | | | | |
|--|--|--|--|--|-----------------|--|--|--|--|------------------|--|--|--|--|
| Test:U:120.1V I:0.3587A P:31.71W PF:0.7360 Freq:60.01Hz Lamp Flux:4197.71x1 lm | | | | | | | | | | | | | | |
| NAME: CT-D02032TBN | | | | | TYPE: | | | | | WEIGHT: | | | | |
| SPEC.: | | | | | DIM.: | | | | | SERIAL No.: | | | | |
| MFR.: EVERFINE | | | | | SUR.:1.12*0.032 | | | | | 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 | .313 | .178 | .056 | .306 | .174 | .055 | .292 | .167 | .053 | .279 | .161 | .052 | .267 | .155 | .050 | |
| 2.0 | .295 | .162 | .050 | .289 | .159 | .049 | .276 | .154 | .048 | .265 | .149 | .047 | .254 | .144 | .045 | |
| 3.0 | .274 | .146 | .044 | .268 | .143 | .043 | .257 | .139 | .042 | .246 | .135 | .041 | .237 | .131 | .041 | |
| 4.0 | .252 | .131 | .039 | .247 | .129 | .038 | .237 | .126 | .038 | .228 | .123 | .037 | .220 | .119 | .036 | |
| 5.0 | .233 | .119 | .034 | .229 | .117 | .034 | .220 | .115 | .034 | .212 | .112 | .033 | .204 | .109 | .033 | |
| 6.0 | .216 | .108 | .031 | .212 | .107 | .031 | .204 | .105 | .030 | .197 | .102 | .030 | .190 | .100 | .030 | |
| 7.0 | .201 | .099 | .028 | .197 | .098 | .028 | .190 | .096 | .028 | .184 | .094 | .027 | .178 | .092 | .027 | |
| 8.0 | .188 | .092 | .026 | .184 | .091 | .026 | .178 | .089 | .025 | .172 | .087 | .025 | .167 | .086 | .025 | |
| 9.0 | .176 | .085 | .024 | .173 | .084 | .024 | .167 | .083 | .023 | .162 | .081 | .023 | .157 | .080 | .023 | |
| 10.0 | .165 | .079 | .022 | .163 | .079 | .022 | .157 | .077 | .022 | .153 | .076 | .022 | .148 | .074 | .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 | .200 | .200 | .200 | .171 | .171 | .171 | .117 | .117 | .117 | .067 | .067 | .067 | .021 | .021 | .021 | |
| 1.0 | .190 | .166 | .144 | .163 | .143 | .124 | .111 | .098 | .086 | .064 | .057 | .050 | .021 | .018 | .016 | |
| 2.0 | .183 | .142 | .108 | .157 | .122 | .093 | .107 | .085 | .065 | .062 | .049 | .038 | .020 | .016 | .012 | |
| 3.0 | .175 | .124 | .084 | .150 | .107 | .073 | .103 | .075 | .051 | .060 | .044 | .030 | .019 | .014 | .010 | |
| 4.0 | .168 | .111 | .068 | .144 | .096 | .059 | .099 | .067 | .042 | .057 | .039 | .025 | .018 | .013 | .008 | |
| 5.0 | .160 | .101 | .057 | .138 | .087 | .049 | .095 | .061 | .035 | .055 | .036 | .021 | .018 | .012 | .007 | |
| 6.0 | .153 | .093 | .049 | .132 | .080 | .043 | .091 | .056 | .030 | .053 | .033 | .018 | .017 | .011 | .006 | |
| 7.0 | .146 | .086 | .043 | .126 | .074 | .038 | .087 | .052 | .027 | .051 | .031 | .016 | .016 | .010 | .005 | |
| 8.0 | .140 | .080 | .039 | .121 | .069 | .034 | .083 | .049 | .024 | .049 | .029 | .014 | .016 | .009 | .005 | |
| 9.0 | .134 | .075 | .035 | .115 | .065 | .031 | .080 | .046 | .022 | .047 | .027 | .013 | .015 | .009 | .004 | |
| 10.0 | .128 | .071 | .032 | .110 | .061 | .028 | .077 | .043 | .020 | .045 | .026 | .012 | .014 | .008 | .004 | |

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Paul
 Test Date:2016-12-02

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.364
 Humidity:65.0%
 Test Distance:2.900m [K=0.8389]
 Remarks:

UGR(Unified Glare Rating) Table

| | | | | | | | | | | |
|--|------------------|------|------|------|-----------------|----------------|------|------------------|------|------|
| Test:U:120.1V I:0.3587A P:31.71W PF:0.7360 Freq:60.01Hz Lamp Flux:4197.71x1 lm | | | | | | | | | | |
| NAME: CT-D02032TBN | | | | | TYPE: | | | WEIGHT: | | |
| SPEC.: | | | | | DIM.: | | | SERIAL No.: | | |
| MFR.: EVERFINE | | | | | SUR.:1.12*0.032 | | | 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 | 20.5 | 22.1 | 20.8 | 22.3 | 22.5 | 21.0 | 22.5 | 21.3 | 22.8 | 23.0 |
| 3H | 22.3 | 23.7 | 22.6 | 23.9 | 24.2 | 22.7 | 24.2 | 23.1 | 24.4 | 24.7 |
| 4H | 22.7 | 24.1 | 23.0 | 24.3 | 24.6 | 23.4 | 24.8 | 23.7 | 25.0 | 25.3 |
| 6H | 22.9 | 24.2 | 23.3 | 24.5 | 24.8 | 23.7 | 25.0 | 24.1 | 25.3 | 25.6 |
| 8H | 23.0 | 24.2 | 23.3 | 24.5 | 24.8 | 23.8 | 25.0 | 24.1 | 25.3 | 25.6 |
| 12H | 23.0 | 24.2 | 23.4 | 24.5 | 24.9 | 23.8 | 25.0 | 24.2 | 25.3 | 25.6 |
| 4H 2H | 21.3 | 22.6 | 21.6 | 22.9 | 23.2 | 21.6 | 23.0 | 22.0 | 23.2 | 23.5 |
| 3H | 23.1 | 24.3 | 23.5 | 24.6 | 25.0 | 23.5 | 24.7 | 23.9 | 25.0 | 25.4 |
| 4H | 23.7 | 24.7 | 24.1 | 25.1 | 25.5 | 24.3 | 25.4 | 24.7 | 25.7 | 26.1 |
| 6H | 24.0 | 24.9 | 24.4 | 25.3 | 25.7 | 24.7 | 25.6 | 25.1 | 26.0 | 26.4 |
| 8H | 24.1 | 25.0 | 24.5 | 25.3 | 25.8 | 24.8 | 25.6 | 25.2 | 26.0 | 26.5 |
| 12H | 24.2 | 25.0 | 24.6 | 25.4 | 25.8 | 24.9 | 25.7 | 25.3 | 26.1 | 26.5 |
| 8H 4H | 23.9 | 24.8 | 24.3 | 25.2 | 25.6 | 24.5 | 25.4 | 24.9 | 25.7 | 26.2 |
| 6H | 24.3 | 25.1 | 24.8 | 25.5 | 25.9 | 24.9 | 25.7 | 25.4 | 26.1 | 26.6 |
| 8H | 24.5 | 25.1 | 25.0 | 25.6 | 26.1 | 25.1 | 25.8 | 25.6 | 26.2 | 26.7 |
| 12H | 24.7 | 25.2 | 25.2 | 25.7 | 26.2 | 25.3 | 25.8 | 25.8 | 26.3 | 26.8 |
| 12H 4H | 23.9 | 24.7 | 24.4 | 25.1 | 25.6 | 24.5 | 25.3 | 24.9 | 25.7 | 26.1 |
| 6H | 24.3 | 25.0 | 24.8 | 25.4 | 25.9 | 25.0 | 25.6 | 25.4 | 26.1 | 26.5 |
| 8H | 24.6 | 25.1 | 25.1 | 25.6 | 26.1 | 25.2 | 25.7 | 25.7 | 26.2 | 26.7 |
| Variations with the observer position at spacings: | | | | | | | | | | |
| S = 1.0H | + 0.2 / - 0.2 | | | | | + 0.1 / - 0.2 | | | | |
| 1.5H | + 0.2 / - 0.4 | | | | | + 0.2 / - 0.3 | | | | |
| 2.0H | + 0.3 / - 0.4 | | | | | + 0.2 / - 0.3 | | | | |

CIE Pub.117, 4198 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 5.0)

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Paul
Test Date:2016-12-02

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.364
Humidity:65.0%
Test Distance:2.900m [K=0.8389]
Remarks:

UTILIZATION FACTORS TABLE

| | | |
|--|-----------------|------------------|
| Test:U:120.1V I:0.3587A P:31.71W PF:0.7360 Freq:60.01Hz Lamp Flux:4197.71x1 lm | | |
| NAME: CT-D02032TBN | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.:1.12*0.032 | Shielding Angle: |

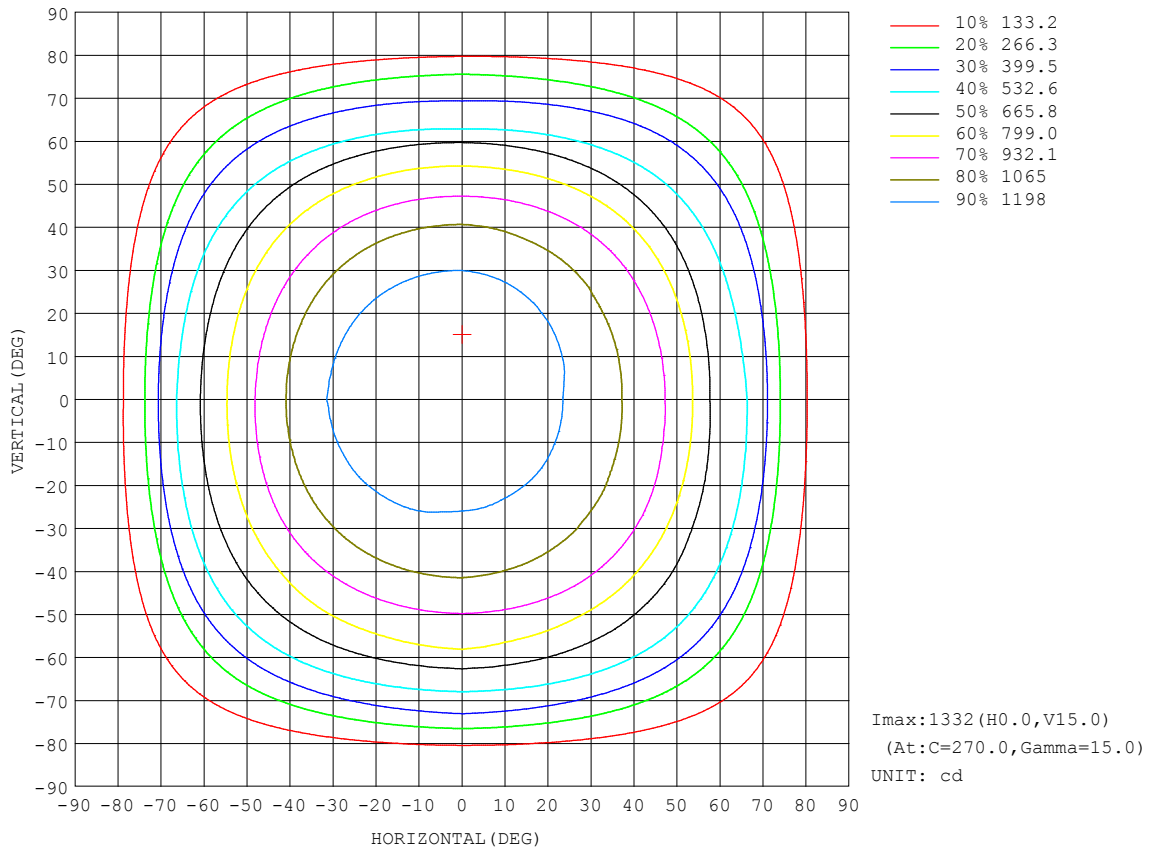
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|--------------|-----|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 56 | 44 | 37 | 55 | 44 | 37 | 54 | 43 | 36 | 30 |
| 0.80 | 66 | 54 | 46 | 65 | 54 | 46 | 63 | 53 | 46 | 39 |
| 1.00 | 74 | 63 | 56 | 73 | 62 | 55 | 71 | 64 | 55 | 47 |
| 1.25 | 82 | 71 | 64 | 80 | 70 | 63 | 77 | 69 | 62 | 55 |
| 1.50 | 87 | 77 | 69 | 85 | 76 | 69 | 82 | 74 | 68 | 60 |
| 2.00 | 94 | 85 | 78 | 92 | 84 | 78 | 88 | 82 | 76 | 68 |
| 2.50 | 98 | 90 | 84 | 96 | 88 | 83 | 92 | 86 | 81 | 72 |
| 3.00 | 101 | 94 | 89 | 99 | 93 | 87 | 95 | 90 | 85 | 76 |
| 4.00 | 106 | 100 | 95 | 103 | 98 | 93 | 99 | 94 | 91 | 81 |
| 5.00 | 108 | 103 | 99 | 105 | 101 | 97 | 101 | 97 | 94 | 84 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | SHRNM = 1.25 | | | |

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Paul
 Test Date:2016-12-02

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.364
 Humidity:65.0%
 Test Distance:2.900m [K=0.8389]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|--|-----------------|------------------|
| Test:U:120.1V I:0.3587A P:31.71W PF:0.7360 Freq:60.01Hz Lamp Flux:4197.71x1 lm | | |
| NAME: CT-D02032TBN | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.:1.12*0.032 | Shielding Angle: |

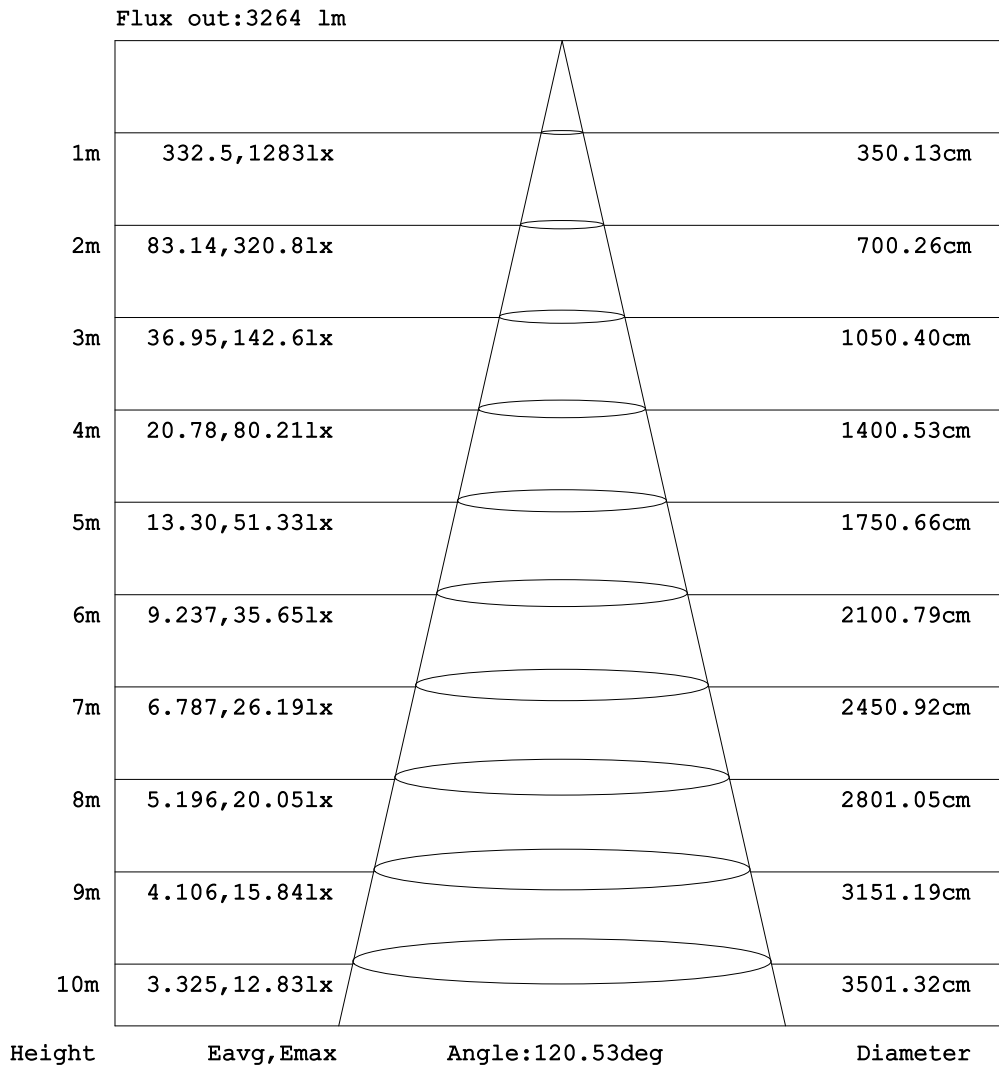


C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Paul
Test Date:2016-12-02

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.364
Humidity:65.0%
Test Distance:2.900m [K=0.8389]
Remarks:

AAI Figure

| | | |
|--|-----------------|------------------|
| Test:U:120.1V I:0.3587A P:31.71W PF:0.7360 Freq:60.01Hz Lamp Flux:4197.71x1 lm | | |
| NAME: CT-D02032TBN | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.:1.12*0.032 | Shielding Angle: |

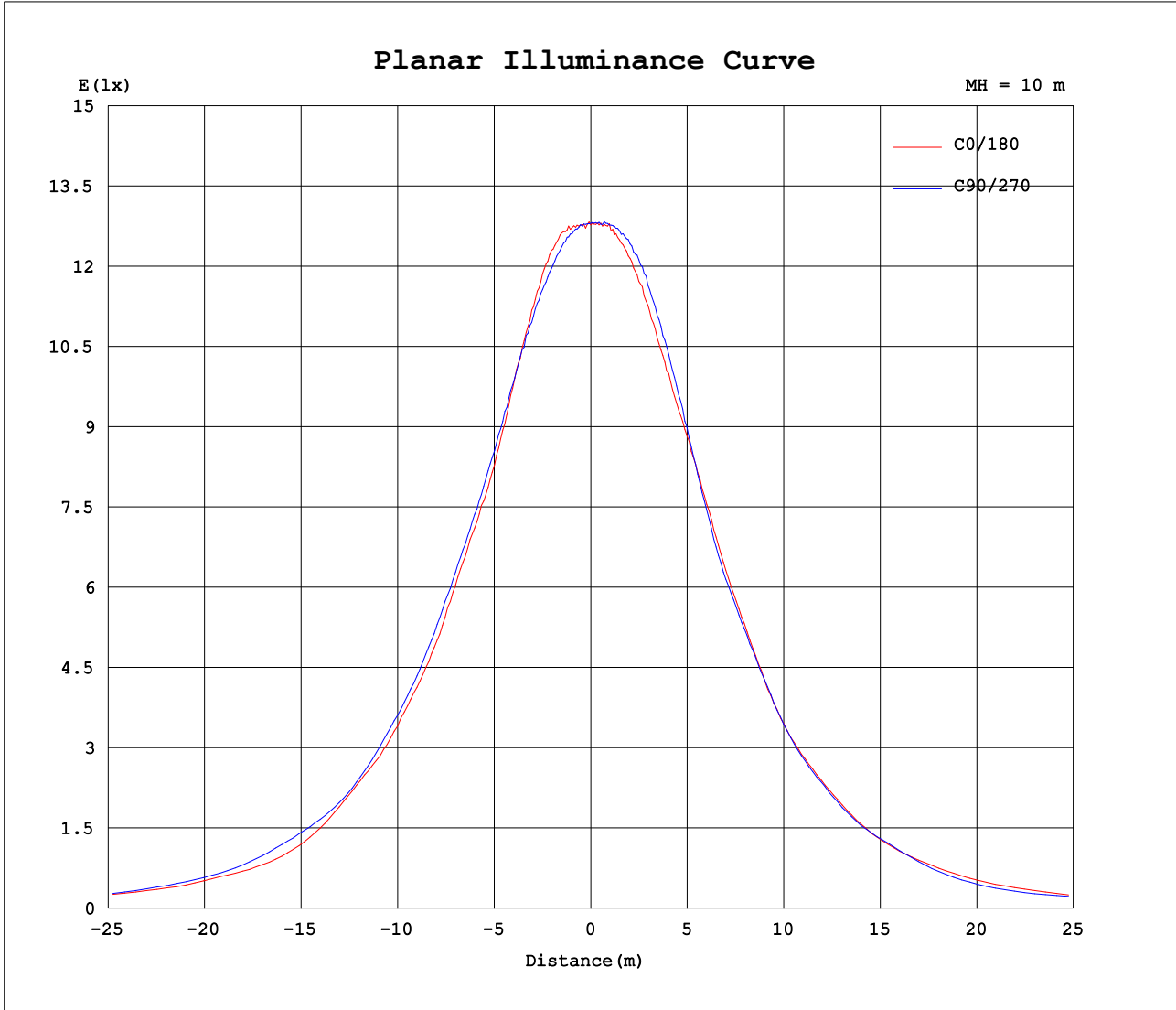


Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Paul
Test Date:2016-12-02

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.364
Humidity:65.0%
Test Distance:2.900m [K=0.8389]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Paul
 Test Date: 2016-12-02

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.364
 Humidity: 65.0%
 Test Distance: 2.900m [K=0.8389]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|-----------------|------------------|
| Test:U:120.1V I:0.3587A P:31.71W PF:0.7360 Freq:60.01Hz Lamp Flux:4197.71x1 lm | | |
| NAME: CT-D02032TBN | TYPE: | WEIGHT: |
| SPEC.: | DIM.: | SERIAL No.: |
| MFR.: EVERFINE | SUR.:1.12*0.032 | Shielding Angle: |

Table--1

UNIT: cd

| C (DEG) \ γ (DEG) | 0 | 90 | 180 | 270 | | | | | | | | | | | | | | | |
|-------------------|------|------|------|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 0 | 1277 | 1281 | 1277 | 1281 | | | | | | | | | | | | | | | |
| 5 | 1291 | 1281 | 1290 | 1295 | | | | | | | | | | | | | | | |
| 10 | 1304 | 1276 | 1292 | 1315 | | | | | | | | | | | | | | | |
| 15 | 1287 | 1261 | 1289 | 1332 | | | | | | | | | | | | | | | |
| 20 | 1239 | 1244 | 1257 | 1311 | | | | | | | | | | | | | | | |
| 25 | 1180 | 1205 | 1238 | 1274 | | | | | | | | | | | | | | | |
| 30 | 1136 | 1175 | 1208 | 1197 | | | | | | | | | | | | | | | |
| 35 | 1101 | 1144 | 1150 | 1120 | | | | | | | | | | | | | | | |
| 40 | 1026 | 1088 | 1083 | 1074 | | | | | | | | | | | | | | | |
| 45 | 966 | 1022 | 977 | 973 | | | | | | | | | | | | | | | |
| 50 | 901 | 928 | 908 | 892 | | | | | | | | | | | | | | | |
| 55 | 749 | 848 | 789 | 786 | | | | | | | | | | | | | | | |
| 60 | 623 | 747 | 684 | 649 | | | | | | | | | | | | | | | |
| 65 | 544 | 618 | 558 | 466 | | | | | | | | | | | | | | | |
| 70 | 451 | 478 | 422 | 378 | | | | | | | | | | | | | | | |
| 75 | 230 | 340 | 224 | 288 | | | | | | | | | | | | | | | |
| 80 | 142 | 146 | 121 | 128 | | | | | | | | | | | | | | | |
| 85 | 67.9 | 73.0 | 67.0 | 60.1 | | | | | | | | | | | | | | | |
| 90 | 51.5 | 39.6 | 34.9 | 39.2 | | | | | | | | | | | | | | | |
| 95 | 54.5 | 32.3 | 32.2 | 27.3 | | | | | | | | | | | | | | | |
| 100 | 37.5 | 13.5 | 22.8 | 4.41 | | | | | | | | | | | | | | | |
| 105 | 10.7 | 7.14 | 7.82 | 1.49 | | | | | | | | | | | | | | | |
| 110 | 6.91 | 5.22 | 5.87 | 0.51 | | | | | | | | | | | | | | | |
| 115 | 5.36 | 3.40 | 4.58 | 0.31 | | | | | | | | | | | | | | | |
| 120 | 3.59 | 2.54 | 3.17 | 0.29 | | | | | | | | | | | | | | | |
| 125 | 2.86 | 1.93 | 2.41 | 0.36 | | | | | | | | | | | | | | | |
| 130 | 2.30 | 1.48 | 1.87 | 0.46 | | | | | | | | | | | | | | | |
| 135 | 1.84 | 1.12 | 1.45 | 0.56 | | | | | | | | | | | | | | | |
| 140 | 1.44 | 0.87 | 1.14 | 0.60 | | | | | | | | | | | | | | | |
| 145 | 1.11 | 0.68 | 0.94 | 0.64 | | | | | | | | | | | | | | | |
| 150 | 0.87 | 0.55 | 0.82 | 0.65 | | | | | | | | | | | | | | | |
| 155 | 0.74 | 0.47 | 0.71 | 0.62 | | | | | | | | | | | | | | | |
| 160 | 0.61 | 0.43 | 0.60 | 0.57 | | | | | | | | | | | | | | | |
| 165 | 0.51 | 0.40 | 0.52 | 0.52 | | | | | | | | | | | | | | | |
| 170 | 0.42 | 0.39 | 0.44 | 0.45 | | | | | | | | | | | | | | | |
| 175 | 0.41 | 0.41 | 0.46 | 0.46 | | | | | | | | | | | | | | | |
| 180 | 0.48 | 0.48 | 0.47 | 0.47 | | | | | | | | | | | | | | | |

C Range: 0 - 360DEG
 C Interval: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Paul
 Test Date:2016-12-02

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.364
 Humidity:65.0%
 Test Distance:2.900m [K=0.8389]
 Remarks: