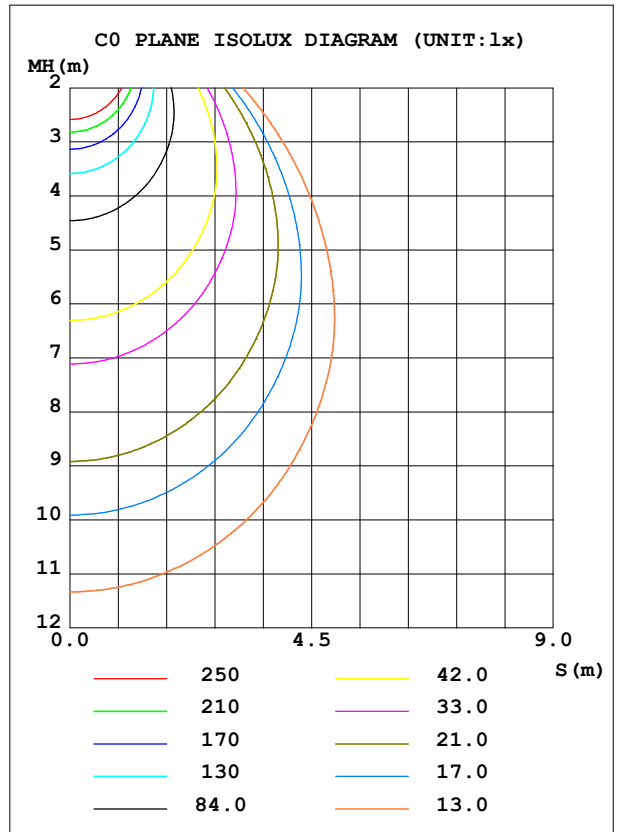
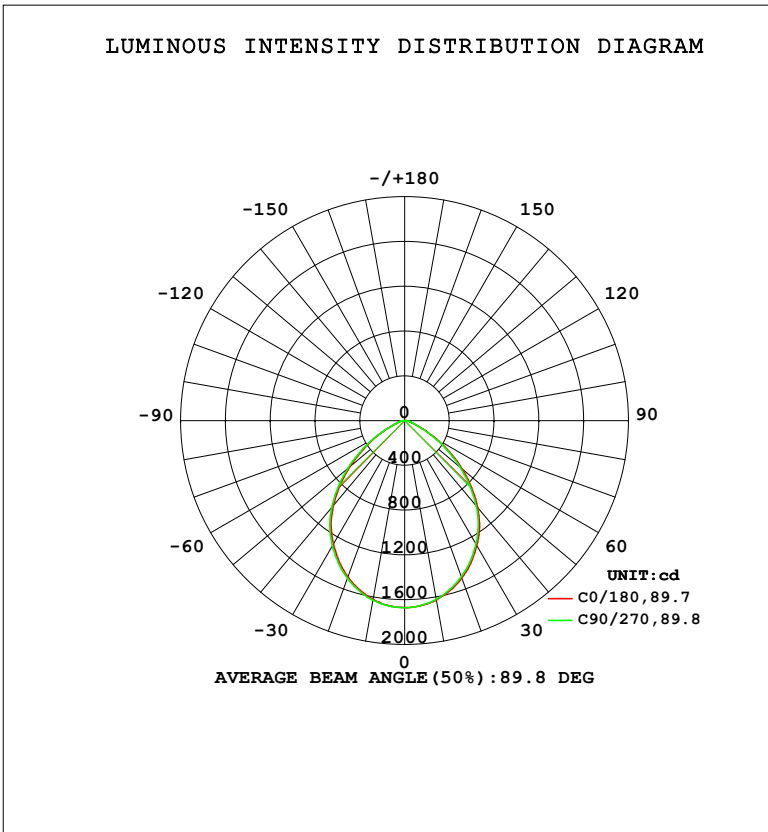


LUMINAIRE PHOTOMETRIC TEST REPORT

| | | |
|---|------------|------------------|
| Test:U:119.55V I:0.2419A P:28.691W PF:0.9919 Freq:60.01Hz | | |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3292.4x1 lm | | |
| NAME: DL254-8-35W-M-A5C5-HO | TYPE: 30W | WEIGHT: |
| SPEC.: 3000K | DIM.: 0.26 | SERIAL No.: 1 |
| MFR.: Lotus LED Lights | SUR.: 0.20 | Shielding Angle: |

| DATA OF LAMP | | PHOTOMETRIC DATA | | | |
|-------------------|-----------------------|-----------------------------------|--------|--|-----------|
| MODEL | DL254-8-35W-M-A5C5-HO | Imax (cd) | 1671 | S/MH (C0/180) | 1.15 |
| NOMINAL POWER (W) | 30 | LOR (%) | 100.0 | S/MH (C90/270) | 1.15 |
| RATED VOLTAGE (V) | 120 | TOTAL FLUX (lm) | 3292.4 | <input type="checkbox"/> UP, DN (C0-180) | 0.0, 50.3 |
| NOMINAL FLUX (lm) | 3292.4 | CIE CLASS | DIRECT | <input type="checkbox"/> UP, DN (C180-360) | 0.0, 49.7 |
| LAMPS INSIDE | 1 | <input type="checkbox"/> up (%) | 0.0 | CIBSE SHR NOM | 1.25 |
| TEST VOLTAGE (V) | 120 | <input type="checkbox"/> down (%) | 100.0 | CIBSE SHR MAX | 1.25 |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-06-28

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity: 65.0%
 Test Distance: 9.680m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

| ° | C0 | C45 | C90 | C135 | C180 | C225 | C270 | C315 | ° | □ zone | □ total | %lum, lamp |
|-----|-----------------------|--------|--------|--------|-------|-------|-------|-------|---------|---------|---------|------------|
| 10 | 1621 | 1626 | 1630 | 1630 | 1628 | 1625 | 1621 | 1616 | 0- 10 | 157.2 | 157.2 | 4.77,4.77 |
| 20 | 1485 | 1489 | 1497 | 1502 | 1495 | 1493 | 1483 | 1475 | 10- 20 | 441.2 | 598.4 | 18.2,18.2 |
| 30 | 1274 | 1281 | 1291 | 1299 | 1290 | 1284 | 1273 | 1262 | 20- 30 | 640.9 | 1239 | 37.6,37.6 |
| 40 | 991.9 | 997.6 | 1016 | 1026 | 1015 | 1009 | 995.0 | 981.8 | 30- 40 | 719.8 | 1959 | 59.5,59.5 |
| 50 | 635.4 | 646.7 | 662.2 | 675.7 | 669.5 | 658.2 | 644.3 | 630.9 | 40- 50 | 639.3 | 2598 | 78.9,78.9 |
| 60 | 302.6 | 308.8 | 318.2 | 326.2 | 329.3 | 323.3 | 308.9 | 296.1 | 50- 60 | 426.7 | 3025 | 91.9,91.9 |
| 70 | 89.94 | 90.02 | 93.02 | 96.12 | 97.07 | 97.70 | 92.83 | 89.70 | 60- 70 | 185.3 | 3210 | 97.5,97.5 |
| 80 | 36.85 | 37.22 | 38.17 | 39.38 | 39.20 | 39.42 | 38.37 | 38.15 | 70- 80 | 63.64 | 3274 | 99.4,99.4 |
| 90 | 0.9374 | 0.9374 | 0.8784 | 0.8915 | 1.626 | 1.580 | 1.580 | 1.599 | 80- 90 | 18.40 | 3292 | 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): 2298.8 lm

%lum = 69.8%

%lamp = 69.8%

Conical surface Flux(130deg): 3143.4 lm

%lum = 95.5%

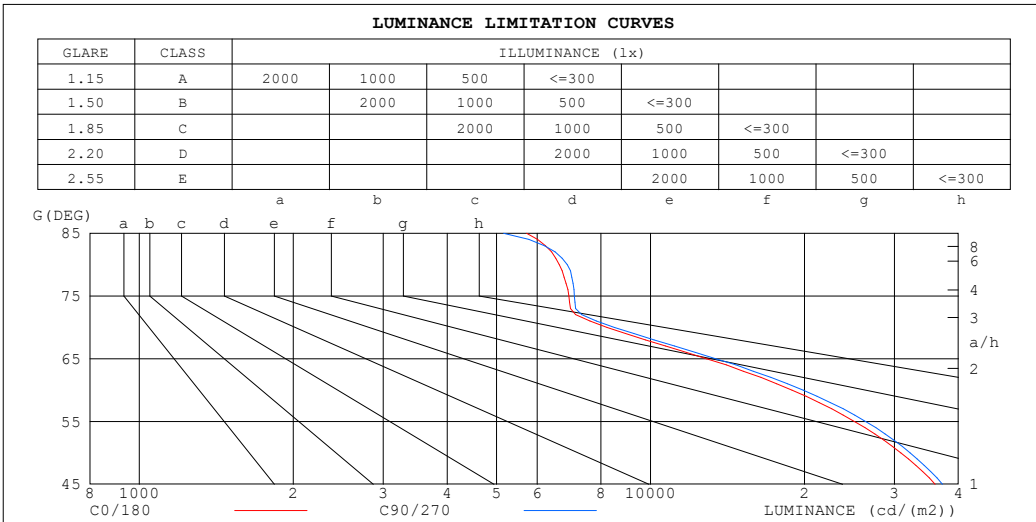
%lamp = 95.5%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-06-28

□ Range: 0 - 90DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:9.680m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

| | | |
|--|------------|------------------|
| Test:U:119.55V I:0.2419A P:28.691W PF:0.9919 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3292.4x1 lm | | |
| NAME: DL254-8-35W-M-A5C5-HO | TYPE: 30W | WEIGHT: |
| SPEC.: 3000K | DIM.: 0.26 | SERIAL No.: 1 |
| MFR.: Lotus LED Lights | SUR.: 0.20 | Shielding Angle: |



| LUMINANCE cd/(m2) | | |
|-------------------|--------|---------|
| G (DEG) | C0/180 | C90/270 |
| 85 | 5718 | 5161 |
| 80 | 6631 | 6869 |
| 75 | 6923 | 7094 |
| 70 | 8218 | 8499 |
| 65 | 12877 | 13414 |
| 60 | 18915 | 19886 |
| 55 | 25059 | 26339 |
| 50 | 30892 | 32193 |
| 45 | 36030 | 37262 |

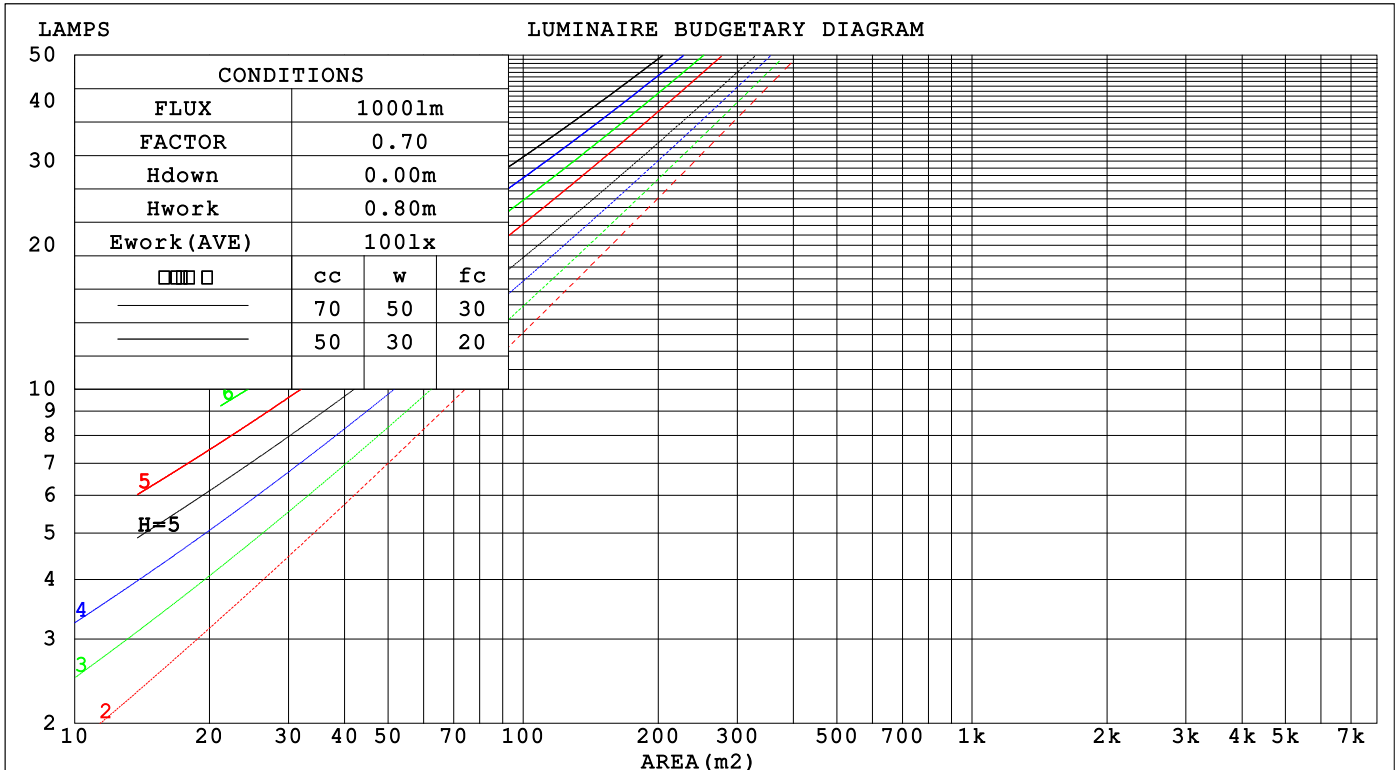
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-06-28

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:9.680m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

| | | |
|---|------------|------------------|
| Test:U:119.55V I:0.2419A P:28.691W PF:0.9919 Freq:60.01Hz | | |
| UTHDI:0.00% ITHDI:0.00% KDisp:0 Lamp Flux:3292.4x1 lm | | |
| NAME: DL254-8-35W-M-A5C5-HO | TYPE: 30W | WEIGHT: |
| SPEC.: 3000K | DIM.: 0.26 | SERIAL No.: 1 |
| MFR.: Lotus LED Lights | SUR.: 0.20 | Shielding Angle: |

| | | | | | | | | | | | | | | | | |
|------|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| □cc | 80% | | | 70% | | | 50% | | | 30% | | | 10% | | | 0 |
| □w | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 50% | 30% | 10% | 0 |
| □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 | 1.07 | 1.04 | 1.01 | 1.05 | 1.02 | .99 | 1.01 | .98 | .96 | .97 | .95 | .93 | .94 | .92 | .90 | .88 |
| 2.0 | .96 | .90 | .86 | .94 | .89 | .85 | .91 | .86 | .83 | .88 | .84 | .81 | .85 | .82 | .79 | .77 |
| 3.0 | .86 | .79 | .74 | .85 | .78 | .73 | .82 | .76 | .72 | .79 | .75 | .71 | .77 | .73 | .70 | .68 |
| 4.0 | .78 | .70 | .64 | .76 | .69 | .64 | .74 | .68 | .63 | .72 | .67 | .62 | .70 | .65 | .61 | .60 |
| 5.0 | .70 | .62 | .57 | .69 | .62 | .56 | .67 | .61 | .56 | .65 | .60 | .55 | .64 | .59 | .55 | .53 |
| 6.0 | .64 | .56 | .50 | .63 | .56 | .50 | .61 | .55 | .50 | .60 | .54 | .49 | .58 | .53 | .49 | .47 |
| 7.0 | .59 | .51 | .45 | .58 | .50 | .45 | .56 | .50 | .45 | .55 | .49 | .44 | .54 | .48 | .44 | .42 |
| 8.0 | .54 | .46 | .41 | .53 | .46 | .41 | .52 | .45 | .40 | .51 | .45 | .40 | .50 | .44 | .40 | .38 |
| 9.0 | .50 | .42 | .37 | .49 | .42 | .37 | .48 | .41 | .37 | .47 | .41 | .37 | .46 | .40 | .36 | .35 |
| 10.0 | .46 | .39 | .34 | .46 | .38 | .34 | .45 | .38 | .34 | .44 | .38 | .33 | .43 | .37 | .33 | .32 |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-06-28

□ Range: 0 - 90DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:9.680m [K=1.0000]
 Remarks:

WEC AND CCEC

| | | |
|---|------------|------------------|
| Test:U:119.55V I:0.2419A P:28.691W PF:0.9919 Freq:60.01Hz | | |
| UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3292.4x1 lm | | |
| NAME: DL254-8-35W-M-A5C5-HO | TYPE: 30W | WEIGHT: |
| SPEC.: 3000K | DIM.: 0.26 | SERIAL No.: 1 |
| MFR.: Lotus LED Lights | SUR.: 0.20 | Shielding Angle: |

| | | | | | | |
|-----------------------------|-----------------------|----------------|---------------------------------|----------------|----------------|---|
| <input type="checkbox"/> cc | 80% | 70% | 50% | 30% | 10% | 0 |
| <input type="checkbox"/> w | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 0 |
| <input type="checkbox"/> fc | 20% | 20% | 20% | 20% | 20% | 0 |
| RCR | RCR:Room Cavity Ratio | | Wall Exitance Coefficients(WEC) | | | |
| 0.0 | | | | | | |
| 1.0 | .246 .140 .044 | .239 .136 .043 | .226 .130 .041 | .214 .123 .040 | .203 .118 .038 | |
| 2.0 | .238 .131 .040 | .232 .128 .039 | .221 .123 .038 | .211 .118 .037 | .201 .114 .036 | |
| 3.0 | .226 .120 .036 | .221 .118 .036 | .211 .114 .035 | .202 .111 .034 | .194 .107 .033 | |
| 4.0 | .214 .111 .033 | .209 .109 .032 | .200 .106 .032 | .192 .103 .031 | .185 .100 .031 | |
| 5.0 | .201 .102 .030 | .197 .101 .029 | .189 .099 .029 | .182 .096 .029 | .175 .094 .028 | |
| 6.0 | .189 .095 .027 | .186 .094 .027 | .179 .092 .027 | .172 .090 .026 | .167 .088 .026 | |
| 7.0 | .178 .088 .025 | .175 .087 .025 | .169 .086 .025 | .163 .084 .024 | .158 .082 .024 | |
| 8.0 | .168 .082 .023 | .166 .082 .023 | .160 .080 .023 | .155 .079 .023 | .150 .077 .022 | |
| 9.0 | .159 .077 .022 | .157 .076 .021 | .152 .075 .021 | .147 .074 .021 | .143 .073 .021 | |
| 10.0 | .151 .072 .020 | .149 .072 .020 | .144 .071 .020 | .140 .070 .020 | .136 .068 .020 | |

| | | | | | | |
|-----------------------------|-----------------------|----------------|--|----------------|----------------|---|
| <input type="checkbox"/> cc | 80% | 70% | 50% | 30% | 10% | 0 |
| <input type="checkbox"/> w | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 50% 30% 10% | 0 |
| <input type="checkbox"/> 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 | .176 .157 .139 | .150 .134 .120 | .103 .093 .083 | .059 .054 .048 | .019 .017 .016 | |
| 2.0 | .165 .132 .104 | .141 .114 .090 | .097 .079 .063 | .056 .046 .037 | .018 .015 .012 | |
| 3.0 | .156 .114 .080 | .134 .098 .070 | .092 .068 .049 | .053 .040 .029 | .017 .013 .009 | |
| 4.0 | .148 .100 .064 | .127 .087 .055 | .087 .060 .039 | .051 .035 .023 | .016 .012 .008 | |
| 5.0 | .141 .089 .052 | .121 .077 .045 | .083 .054 .032 | .048 .032 .019 | .016 .010 .006 | |
| 6.0 | .134 .081 .043 | .115 .070 .037 | .079 .049 .026 | .046 .029 .016 | .015 .009 .005 | |
| 7.0 | .128 .074 .036 | .110 .064 .031 | .076 .045 .022 | .044 .026 .013 | .014 .009 .004 | |
| 8.0 | .122 .068 .031 | .105 .059 .027 | .073 .041 .019 | .042 .024 .011 | .014 .008 .004 | |
| 9.0 | .116 .063 .027 | .100 .055 .023 | .069 .038 .017 | .040 .023 .010 | .013 .007 .003 | |
| 10.0 | .111 .059 .024 | .096 .051 .021 | .067 .036 .015 | .039 .021 .009 | .013 .007 .003 | |

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-06-28

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:9.680m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

| | | |
|--|------------|------------------|
| Test:U:119.55V I:0.2419A P:28.691W PF:0.9919 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3292.4x1 lm | | |
| NAME: DL254-8-35W-M-A5C5-HO | TYPE: 30W | WEIGHT: |
| SPEC.: 3000K | DIM.: 0.26 | SERIAL No.: 1 |
| MFR.: Lotus LED Lights | SUR.: 0.20 | 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 | 23.4 | 24.7 | 23.7 | 24.9 | 25.1 | 23.6 | 24.9 | 23.8 | 25.1 | 25.3 |
| 3H | 23.6 | 24.8 | 23.9 | 25.0 | 25.3 | 23.8 | 25.0 | 24.0 | 25.2 | 25.4 |
| 4H | 23.6 | 24.8 | 23.9 | 25.0 | 25.3 | 23.8 | 24.9 | 24.1 | 25.2 | 25.4 |
| 6H | 23.6 | 24.7 | 24.0 | 25.0 | 25.2 | 23.8 | 24.9 | 24.1 | 25.1 | 25.4 |
| 8H | 23.6 | 24.7 | 24.0 | 24.9 | 25.2 | 23.8 | 24.8 | 24.1 | 25.1 | 25.4 |
| 12H | 23.6 | 24.6 | 24.0 | 24.9 | 25.2 | 23.8 | 24.8 | 24.1 | 25.1 | 25.3 |
| 4H 2H | 23.5 | 24.7 | 23.8 | 24.9 | 25.2 | 23.7 | 24.8 | 24.0 | 25.1 | 25.3 |
| 3H | 23.8 | 24.8 | 24.1 | 25.1 | 25.4 | 23.9 | 24.9 | 24.3 | 25.2 | 25.5 |
| 4H | 23.9 | 24.8 | 24.2 | 25.1 | 25.4 | 24.0 | 24.9 | 24.4 | 25.2 | 25.5 |
| 6H | 24.0 | 24.7 | 24.3 | 25.1 | 25.4 | 24.1 | 24.9 | 24.5 | 25.2 | 25.6 |
| 8H | 24.0 | 24.7 | 24.4 | 25.1 | 25.5 | 24.1 | 24.9 | 24.5 | 25.2 | 25.6 |
| 12H | 24.0 | 24.7 | 24.4 | 25.0 | 25.4 | 24.1 | 24.8 | 24.5 | 25.2 | 25.6 |
| 8H 4H | 23.8 | 24.6 | 24.2 | 24.9 | 25.3 | 24.0 | 24.7 | 24.4 | 25.1 | 25.4 |
| 6H | 24.0 | 24.6 | 24.4 | 25.0 | 25.4 | 24.1 | 24.7 | 24.6 | 25.1 | 25.5 |
| 8H | 24.1 | 24.6 | 24.5 | 25.0 | 25.5 | 24.2 | 24.7 | 24.6 | 25.1 | 25.6 |
| 12H | 24.1 | 24.6 | 24.6 | 25.0 | 25.5 | 24.2 | 24.7 | 24.7 | 25.1 | 25.6 |
| 12H 4H | 23.8 | 24.5 | 24.2 | 24.9 | 25.3 | 23.9 | 24.6 | 24.4 | 25.0 | 25.4 |
| 6H | 24.0 | 24.5 | 24.4 | 24.9 | 25.4 | 24.1 | 24.6 | 24.6 | 25.1 | 25.5 |
| 8H | 24.1 | 24.5 | 24.5 | 25.0 | 25.4 | 24.2 | 24.6 | 24.7 | 25.1 | 25.6 |

| | | |
|---|---------------|---------------|
| Variations with the observer position at spacings(CIE Pub.117): | | |
| S = 1.0H | + 0.7 / - 1.0 | + 0.7 / - 0.9 |
| 1.5H | + 0.4 / - 0.4 | + 0.4 / - 0.5 |
| 2.0H | + 1.5 / - 1.9 | + 1.5 / - 2.0 |

CIE Pub.117, 3292 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 4.1)
 Area: 0.032 m2

| | |
|----------------------|---|
| C Range: 0 - 360DEG | <input type="checkbox"/> Range: 0 - 90DEG |
| C Interval: 22.5DEG | <input type="checkbox"/> Interval: 1.0DEG |
| Test Speed: HIGH | Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.461 |
| Temperature:25.3°C | Humidity:65.0% |
| Operators:DAMIN | Test Distance:9.680m [K=1.0000] |
| Test Date:2023-06-28 | Remarks: |

UTILIZATION FACTORS TABLE

| | | |
|--|------------|------------------|
| Test:U:119.55V I:0.2419A P:28.691W PF:0.9919 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3292.4x1 lm | | |
| NAME: DL254-8-35W-M-A5C5-HO | TYPE: 30W | WEIGHT: |
| SPEC.: 3000K | DIM.: 0.26 | SERIAL No.: 1 |
| MFR.: Lotus LED Lights | SUR.: 0.20 | Shielding Angle: |

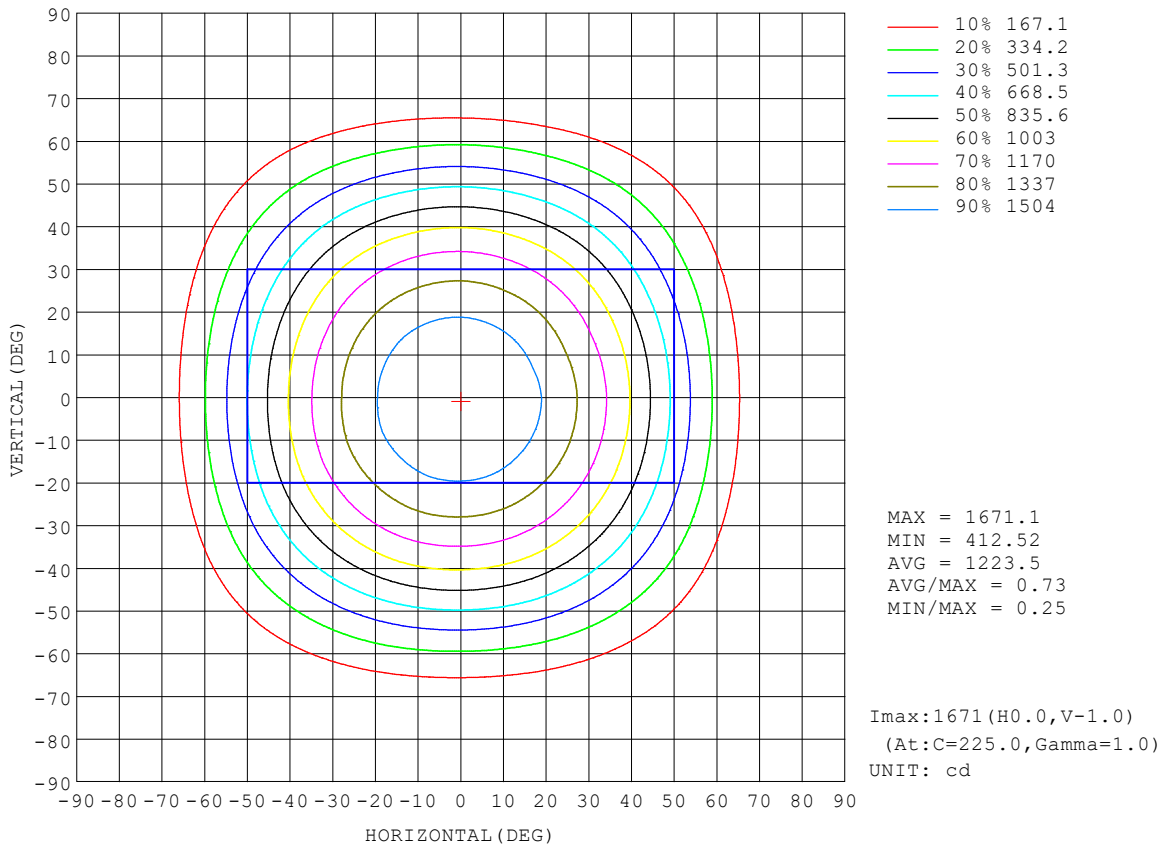
| REFLECTANCE | | | | | | | | | | |
|----------------------------------|--|-----|-----------|-----|-----|-----|---------------|-----|-----|--------|
| Ceiling | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0 |
| Walls | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0.7 | 0.5 | 0.3 | 0 |
| Working plane | 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 | 66 | 56 | 49 | 65 | 55 | 49 | 64 | 55 | 49 | 44 |
| 0.80 | 76 | 66 | 60 | 75 | 66 | 60 | 73 | 65 | 59 | 53 |
| 1.00 | 84 | 75 | 69 | 83 | 75 | 69 | 81 | 75 | 68 | 62 |
| 1.25 | 91 | 82 | 77 | 89 | 82 | 76 | 87 | 80 | 75 | 69 |
| 1.50 | 95 | 87 | 82 | 94 | 86 | 81 | 91 | 85 | 80 | 74 |
| 2.00 | 101 | 94 | 89 | 99 | 93 | 88 | 96 | 91 | 87 | 80 |
| 2.50 | 104 | 98 | 93 | 102 | 96 | 92 | 98 | 94 | 90 | 83 |
| 3.00 | 106 | 101 | 97 | 104 | 100 | 96 | 101 | 97 | 93 | 86 |
| 4.00 | 109 | 105 | 101 | 107 | 103 | 100 | 103 | 100 | 97 | 89 |
| 5.00 | 111 | 107 | 104 | 109 | 105 | 103 | 105 | 102 | 100 | 91 |
| ROOM INDEX | UF(total) | | | | | | | | | Direct |
| According to DIN EN 13032-2 2004 | | | Suspended | | | | SHRNOM = 1.25 | | | |

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-06-28

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:9.680m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

| | | |
|--|------------|------------------|
| Test:U:119.55V I:0.2419A P:28.691W PF:0.9919 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3292.4x1 lm | | |
| NAME: DL254-8-35W-M-A5C5-HO | TYPE: 30W | WEIGHT: |
| SPEC.: 3000K | DIM.: 0.26 | SERIAL No.: 1 |
| MFR.: Lotus LED Lights | SUR.: 0.20 | Shielding Angle: |

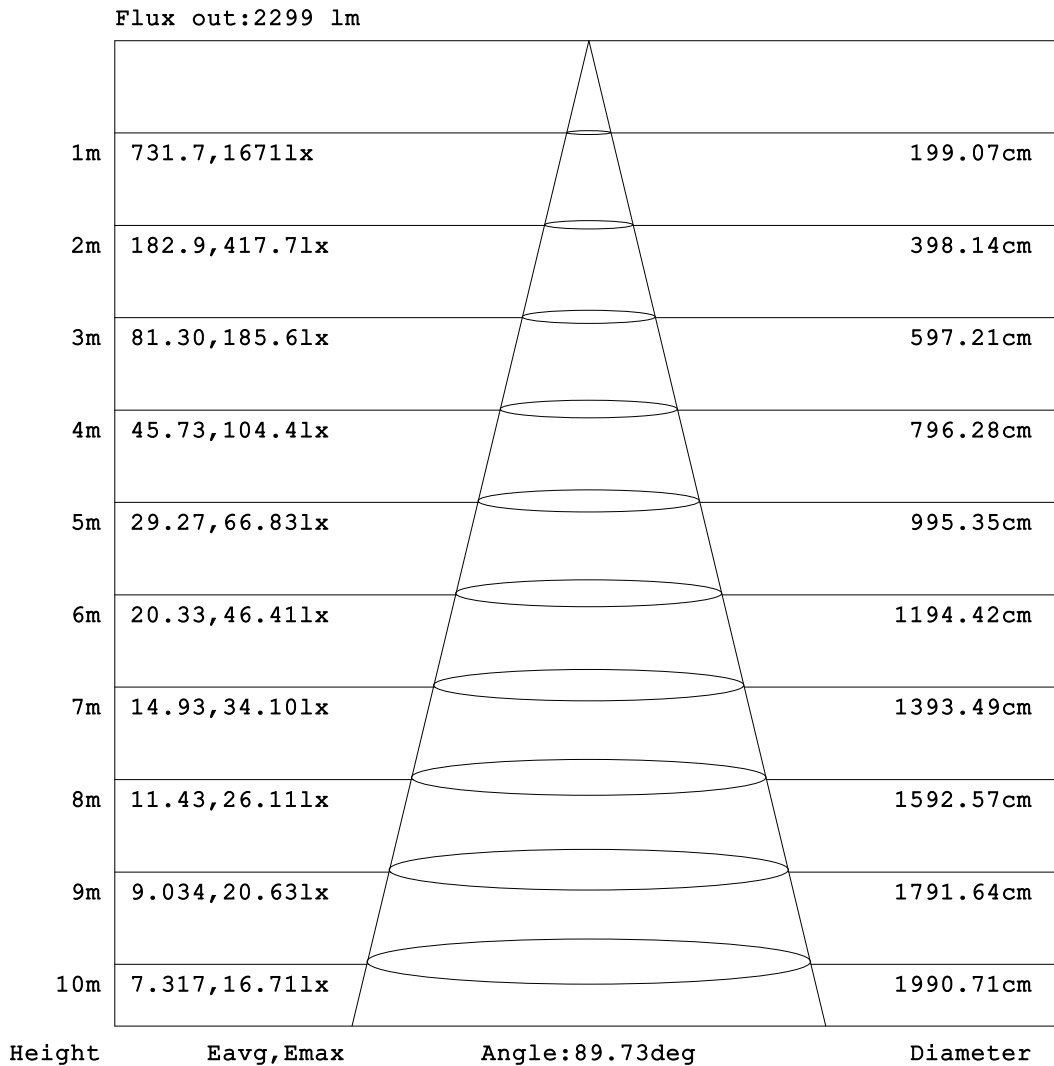


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-06-28

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:9.680m [K=1.0000]
 Remarks:

AAI Figure

| | | |
|--|------------|------------------|
| Test:U:119.55V I:0.2419A P:28.691W PF:0.9919 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3292.4x1 lm | | |
| NAME: DL254-8-35W-M-A5C5-HO | TYPE: 30W | WEIGHT: |
| SPEC.: 3000K | DIM.: 0.26 | SERIAL No.: 1 |
| MFR.: Lotus LED Lights | SUR.: 0.20 | Shielding Angle: |



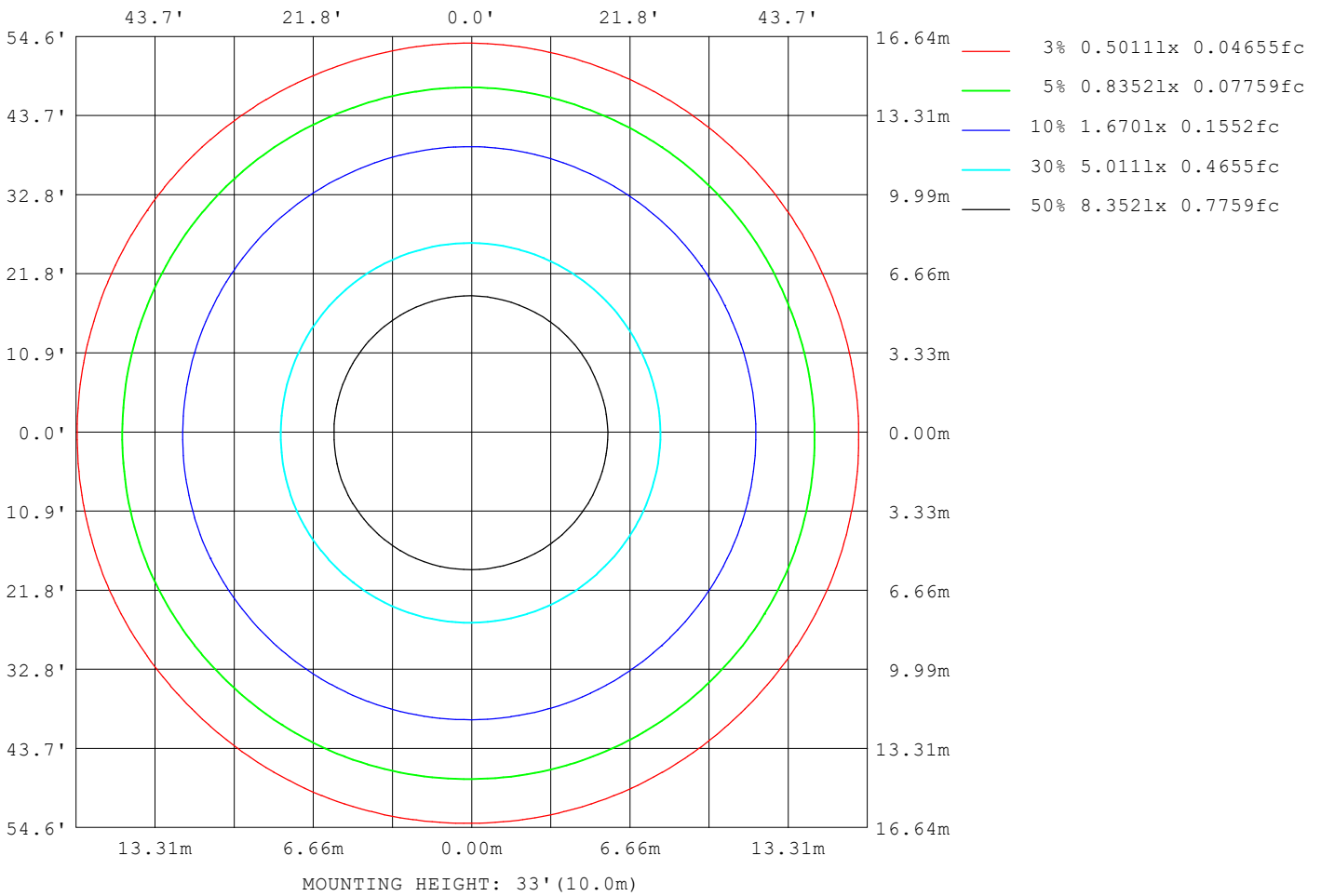
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-06-28

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity: 65.0%
 Test Distance: 9.680m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

| | | |
|--|------------|------------------|
| Test:U:119.55V I:0.2419A P:28.691W PF:0.9919 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3292.4x1 lm | | |
| NAME: DL254-8-35W-M-A5C5-HO | TYPE: 30W | WEIGHT: |
| SPEC.: 3000K | DIM.: 0.26 | SERIAL No.: 1 |
| MFR.: Lotus LED Lights | SUR.: 0.20 | Shielding Angle: |



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2023-06-28

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:9.680m [K=1.0000]
 Remarks:

LED Avg.L Report

| | | |
|--|------------|------------------|
| Test:U:119.55V I:0.2419A P:28.691W PF:0.9919 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3292.4x1 lm | | |
| NAME: DL254-8-35W-M-A5C5-HO | TYPE: 30W | WEIGHT: |
| SPEC.: 3000K | DIM.: 0.26 | SERIAL No.: 1 |
| MFR.: Lotus LED Lights | SUR.: 0.20 | Shielding Angle: |

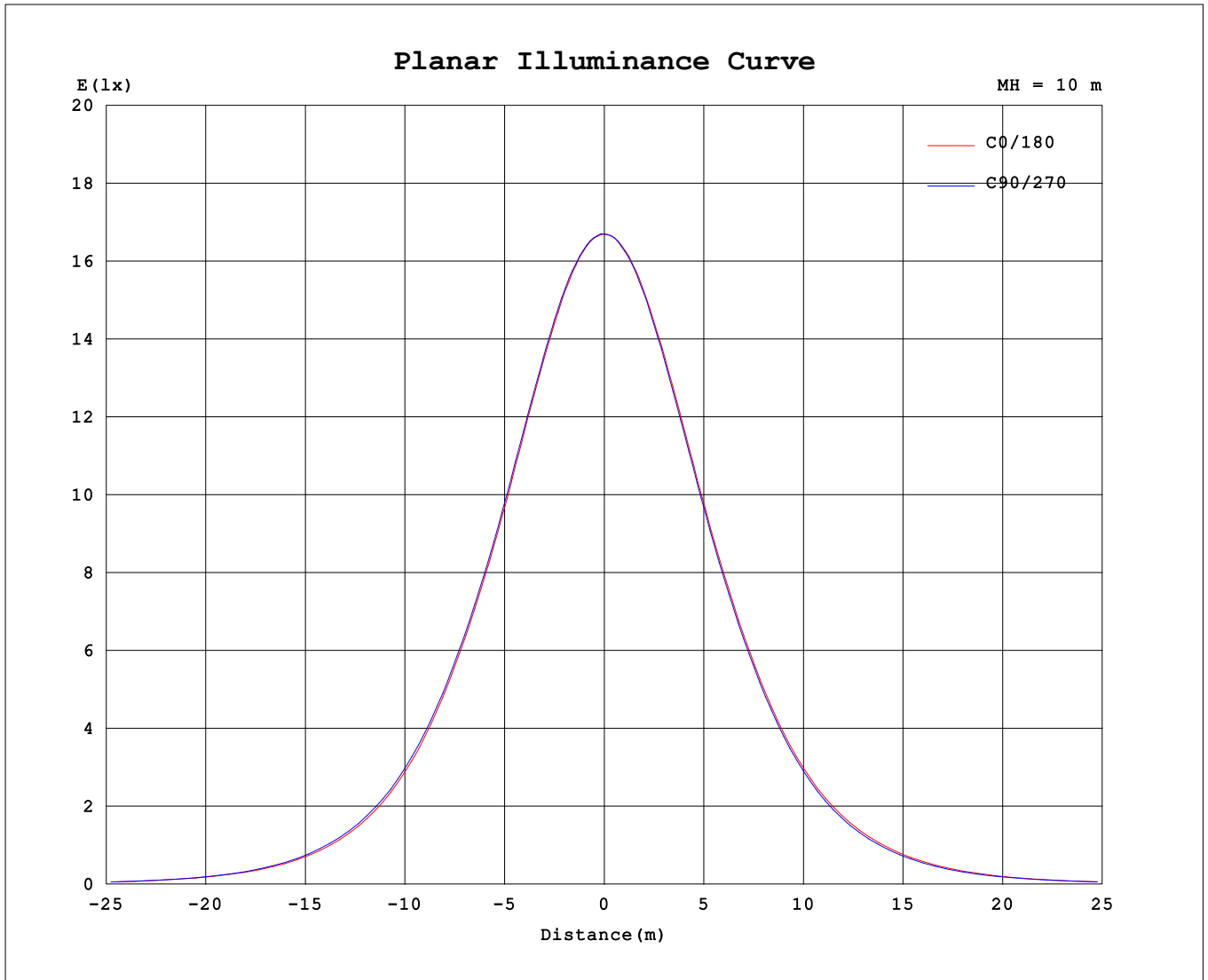
| AvgL | cd/m2 |
|------------------|-------|
| L_0~180 (65) av | 13410 |
| L_0~180 (75) av | 7069 |
| L_0~180 (85) av | 6148 |
| L_90~270 (65) av | 13209 |
| L_90~270 (75) av | 7097 |
| L_90~270 (85) av | 5320 |
| L_45 (65) av | 13314 |
| L_45 (75) av | 7104 |
| L_45 (85) av | 5842 |

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:DAMIN
 Test Date:2023-06-28

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:9.680m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°C
 Operators: DAMIN
 Test Date: 2023-06-28

Range: 0 - 90DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.461
 Humidity: 65.0%
 Test Distance: 9.680m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

| | | |
|--|------------|------------------|
| Test:U:119.55V I:0.2419A P:28.691W PF:0.9919 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:3292.4x1 lm | | |
| NAME: DL254-8-35W-M-A5C5-HO | TYPE: 30W | WEIGHT: |
| SPEC.: 3000K | DIM.: 0.26 | SERIAL No.: 1 |
| MFR.: Lotus LED Lights | SUR.: 0.20 | Shielding Angle: |

Table--1

UNIT: cd

| C (DEG) □ (DEG) | 0 | 22.5 | 45 | 67.5 | 90 | 112.5 | 135 | 157.5 | 180 | 202.5 | 225 | 247.5 | 270 | 292.5 | 315 | 337.5 | | | |
|--------------------|------|------|------|------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|--|--|--|
| 0 | 1670 | 1671 | 1671 | 1670 | 1669 | 1670 | 1668 | 1667 | 1670 | 1671 | 1671 | 1670 | 1669 | 1670 | 1668 | 1667 | | | |
| 5 | 1658 | 1658 | 1659 | 1660 | 1660 | 1661 | 1659 | 1659 | 1659 | 1659 | 1659 | 1657 | 1656 | 1655 | 1653 | 1651 | | | |
| 10 | 1621 | 1623 | 1626 | 1628 | 1630 | 1630 | 1630 | 1629 | 1628 | 1625 | 1625 | 1623 | 1621 | 1616 | 1616 | 1614 | | | |
| 15 | 1564 | 1566 | 1566 | 1571 | 1573 | 1577 | 1575 | 1579 | 1571 | 1569 | 1568 | 1564 | 1562 | 1557 | 1555 | 1553 | | | |
| 20 | 1485 | 1489 | 1489 | 1495 | 1497 | 1503 | 1502 | 1504 | 1495 | 1493 | 1493 | 1486 | 1483 | 1476 | 1475 | 1473 | | | |
| 25 | 1387 | 1392 | 1393 | 1400 | 1403 | 1409 | 1410 | 1411 | 1400 | 1398 | 1394 | 1390 | 1387 | 1378 | 1375 | 1373 | | | |
| 30 | 1274 | 1277 | 1281 | 1287 | 1291 | 1299 | 1299 | 1302 | 1290 | 1285 | 1284 | 1278 | 1273 | 1265 | 1262 | 1258 | | | |
| 35 | 1147 | 1151 | 1154 | 1162 | 1167 | 1175 | 1176 | 1178 | 1167 | 1161 | 1160 | 1153 | 1147 | 1140 | 1137 | 1133 | | | |
| 40 | 992 | 995 | 998 | 1009 | 1016 | 1025 | 1026 | 1028 | 1015 | 1011 | 1009 | 999 | 995 | 986 | 982 | 978 | | | |
| 45 | 815 | 822 | 825 | 837 | 843 | 852 | 857 | 859 | 845 | 840 | 837 | 828 | 822 | 813 | 810 | 805 | | | |
| 50 | 635 | 642 | 647 | 658 | 662 | 671 | 676 | 681 | 669 | 661 | 658 | 649 | 644 | 634 | 631 | 625 | | | |
| 55 | 460 | 469 | 472 | 479 | 483 | 492 | 495 | 502 | 495 | 488 | 483 | 474 | 469 | 460 | 456 | 452 | | | |
| 60 | 303 | 309 | 309 | 315 | 318 | 326 | 326 | 332 | 329 | 327 | 323 | 313 | 309 | 299 | 296 | 294 | | | |
| 65 | 174 | 175 | 175 | 179 | 181 | 187 | 187 | 189 | 189 | 189 | 189 | 183 | 176 | 169 | 169 | 170 | | | |
| 70 | 89.9 | 90.4 | 90.0 | 91.9 | 93.0 | 95.6 | 96.1 | 97.5 | 97.1 | 97.0 | 97.7 | 94.9 | 92.8 | 89.9 | 89.7 | 89.2 | | | |
| 75 | 57.3 | 57.6 | 57.9 | 58.5 | 58.8 | 59.5 | 59.7 | 60.0 | 59.7 | 59.7 | 59.9 | 59.3 | 58.8 | 58.1 | 57.8 | 57.4 | | | |
| 80 | 36.8 | 37.0 | 37.2 | 38.0 | 38.2 | 39.0 | 39.4 | 39.2 | 39.2 | 39.2 | 39.4 | 39.0 | 38.4 | 37.8 | 38.1 | 37.3 | | | |
| 85 | 15.9 | 15.9 | 14.8 | 15.0 | 14.4 | 15.5 | 17.0 | 17.8 | 18.3 | 18.1 | 17.0 | 16.0 | 15.3 | 15.1 | 16.4 | 16.4 | | | |
| 90 | 0.94 | 0.92 | 0.94 | 0.90 | 0.88 | 0.85 | 0.89 | 0.92 | 1.63 | 1.65 | 1.58 | 1.60 | 1.58 | 1.62 | 1.60 | 1.61 | | | |
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| | |
|----------------------|---|
| C Range: 0 - 360DEG | <input type="checkbox"/> Range: 0 - 90DEG |
| C Interval: 22.5DEG | <input type="checkbox"/> Interval: 1.0DEG |
| Test Speed: HIGH | Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.461 |
| Temperature:25.3°C | Humidity:65.0% |
| Operators:DAMIN | Test Distance:9.680m [K=1.0000] |
| Test Date:2023-06-28 | Remarks: |