

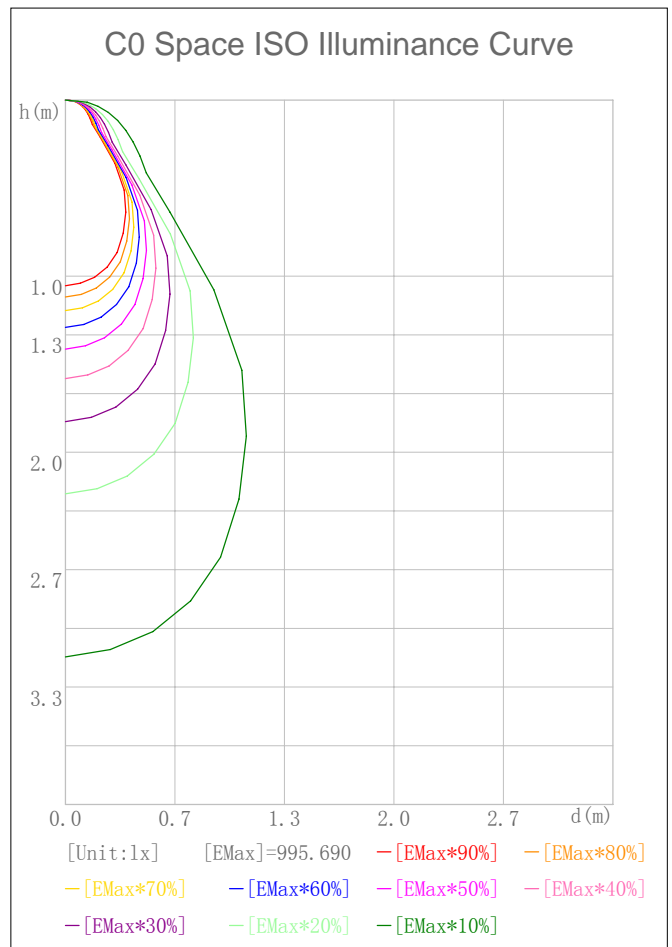
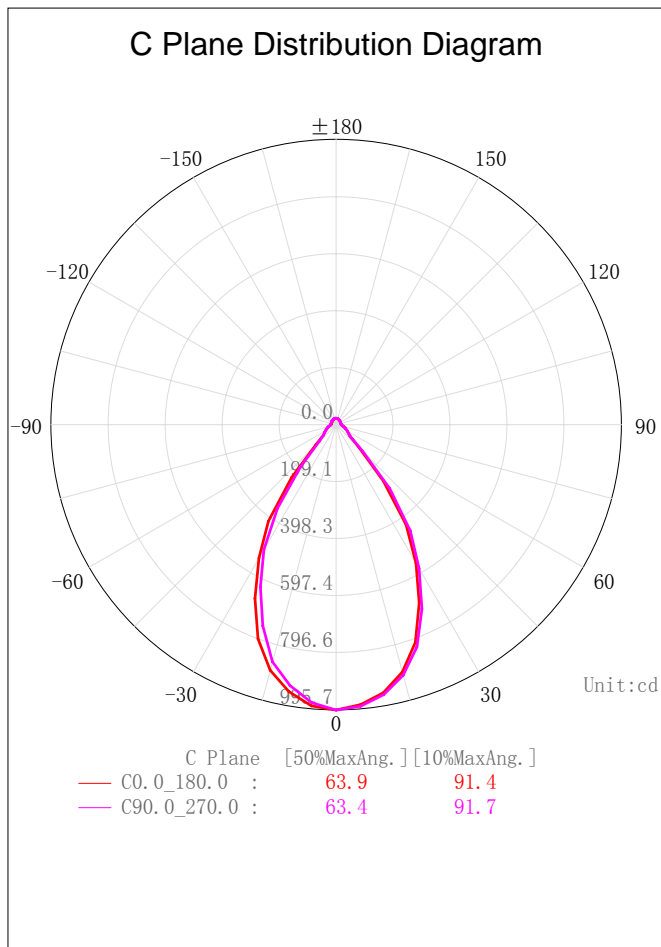
Indoor Luminaire Photometric Data

Description Information

| | | | |
|---|-------------------------|----------------------------------|---------------------------|
| Luminary Name: DC13W-3500K, Ra90, Reflector 60° | | Lum. Catalog: 1247LM | Test ID: 01 |
| Lamp Name: CL2-13MR | | Lamp Catalog: lamps and lanterns | Test Date: 2017/06/13 |
| LED Chip: Citizen CLU028-1203C4-35XH5M3 | | Shld. Ang(°): | Test Machine:GON-2000 |
| Test Lab: | | Frequency (Hz): | Lamp CCT(K): 3000K Ra: 90 |
| Lum. Size (W*L*H): 0.000m*0.000m*0.000m | | Lum. Area (m2): 0.000 | Lum. W (kg): 0.000 |
| Test System: C, γ | Test Step: C=90.0 γ=5.0 | Temp. (°C): 25 | Humidity(%): 50.0 |

Character Parameter

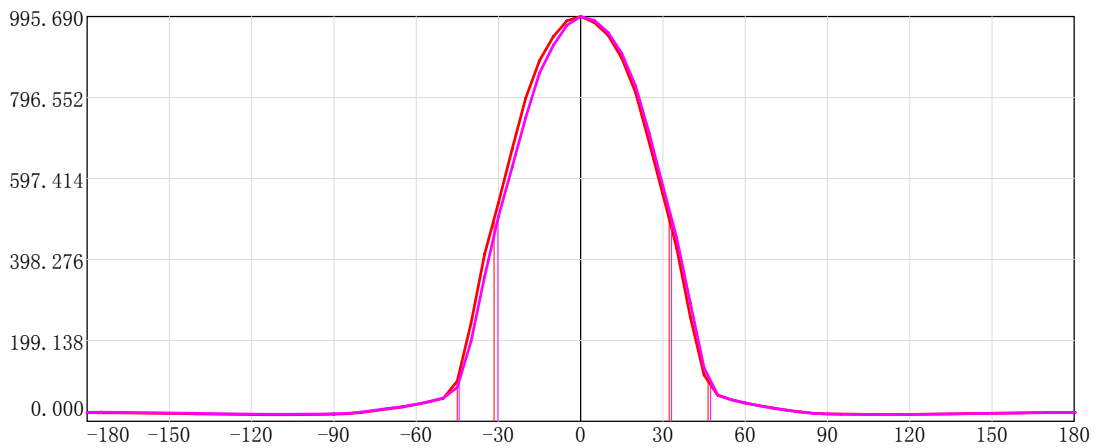
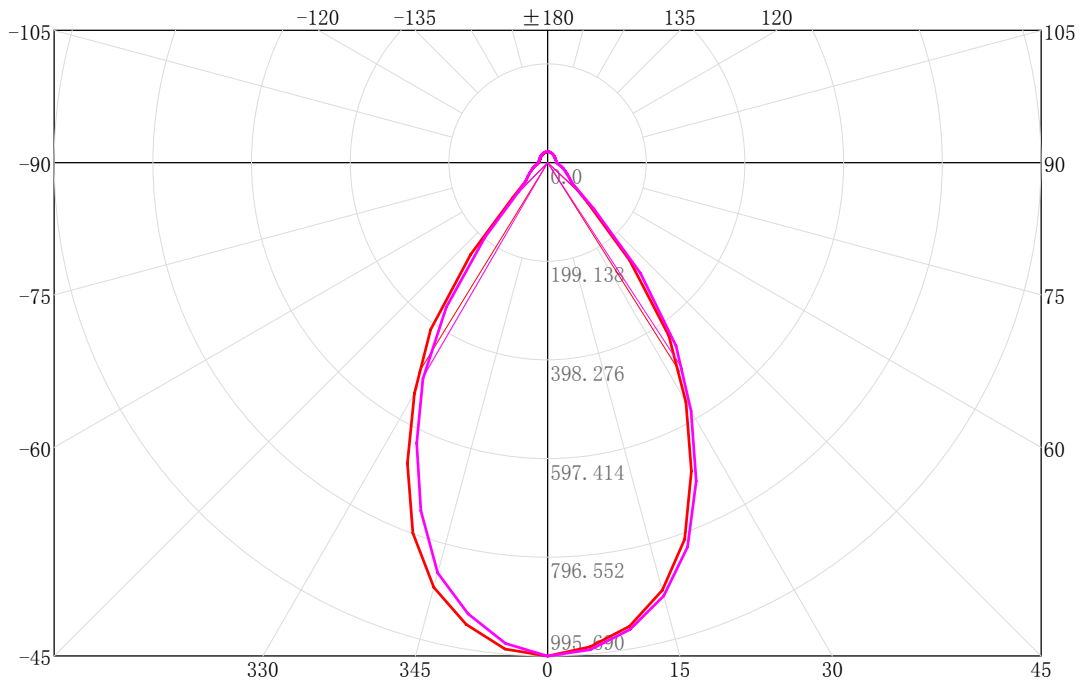
| Lamp Speciality Parameter | Luminaire Speciality Parameter | |
|--|--------------------------------|--|
| Rated Flux(lm): 1204.000 | Luminary Flux(lm): 1247.415 | Field Angle(10%Imax): 91.4(°) |
| Rated Power(W): 13W | Luminary Efficiency: 103.61% | Down Lumens&Percent: 1132.039lm 90.75% |
| Rated Voltage(V): 36V 350mA | Luminary EER(lm/W): 35.178 | Up Lumens&Percent: 115.376lm 9.25% |
| Tested Power(W): 35.460 | Max. Candela(cd): 995.690 | S/MH: C0_a180=0.942 C90_270=0.932 |
| Lamps' Inside: 1 | Max Cand@Ang. (°): C=0.0 γ=0.0 | CIE Type: Semi-Direct |
| Tested Electrics (V, A, pf): 220.0, 0.213, 0.753 | Beam Angle (50%Imax): 63.9(°) | ErP φ use(90°): 972.588lm |
| Lamp Size (W*L*H): 0.000m*0.000m*0.000m | Left=-31.6°, Right=32.3° | IRF(%): 204.645 |



2D Plane Light Intensity Distribution Curve

| | | |
|---|----------------------------------|-----------------------|
| Lum. Name: DC13W-3500K, Ra90, Reflector 60° | Lum. Catalog: 1247LM | Test ID: 01 |
| Lamp Name: CL2-13MR | Lamp Catalog: lamps and lanterns | Test Lab: |
| LED Chip: Citizen CLU028-1203C4-35XH5M3 | Test Machine:GON-2000 | Test Date: 2017/06/13 |

C Plane Distribution Diagram



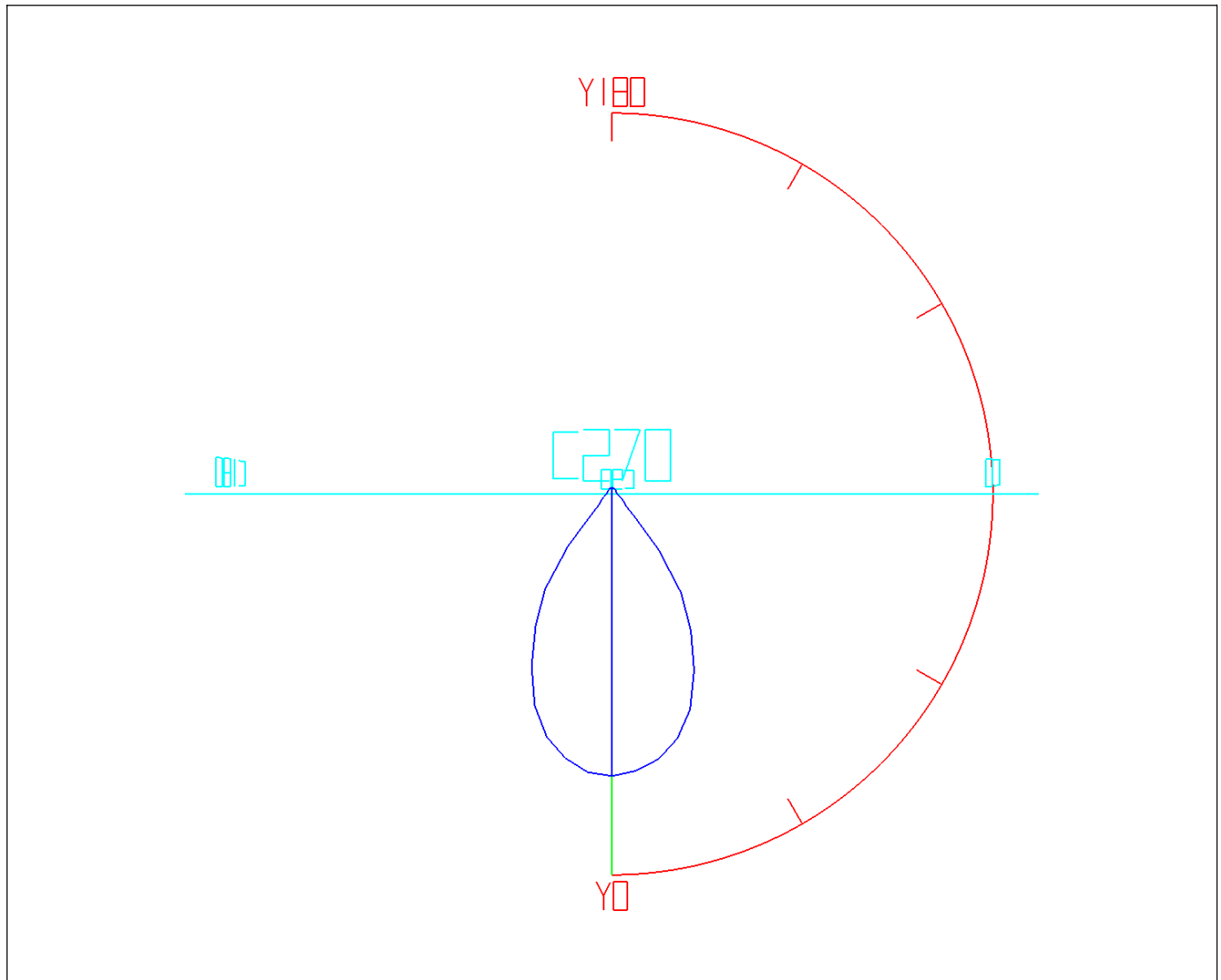
| C Plane | [50%MaxAng.] | [10%MaxAng.] |
|-----------------|--------------|--------------|
| — C0.0_180.0 : | 63.9 | 91.4 |
| — C90.0_270.0 : | 63.4 | 91.7 |

Unit:cd

3D Light Intensity Distribution Modal

| | | |
|---|----------------------------------|-----------------------|
| Lum. Name: DC13W-3500K, Ra90, Reflector 60° | Lum. Catalog: 1247LM | Test ID: 01 |
| Lamp Name: CL2-13MR | Lamp Catalog: lamps and lanterns | Test Lab: |
| LED Chip: Citizen CLU028-1203C4-35XH5M3 | Test Machine:GON-2000 | Test Date: 2017/06/13 |

3D Light Intensity Distribution Modal



Curves: 3D Model ——— Fixture ——— Vert. HUD ——— Hori. HUD ———
 View Angles: Orient:0 Tilt:0 Roll:0 Spin:0

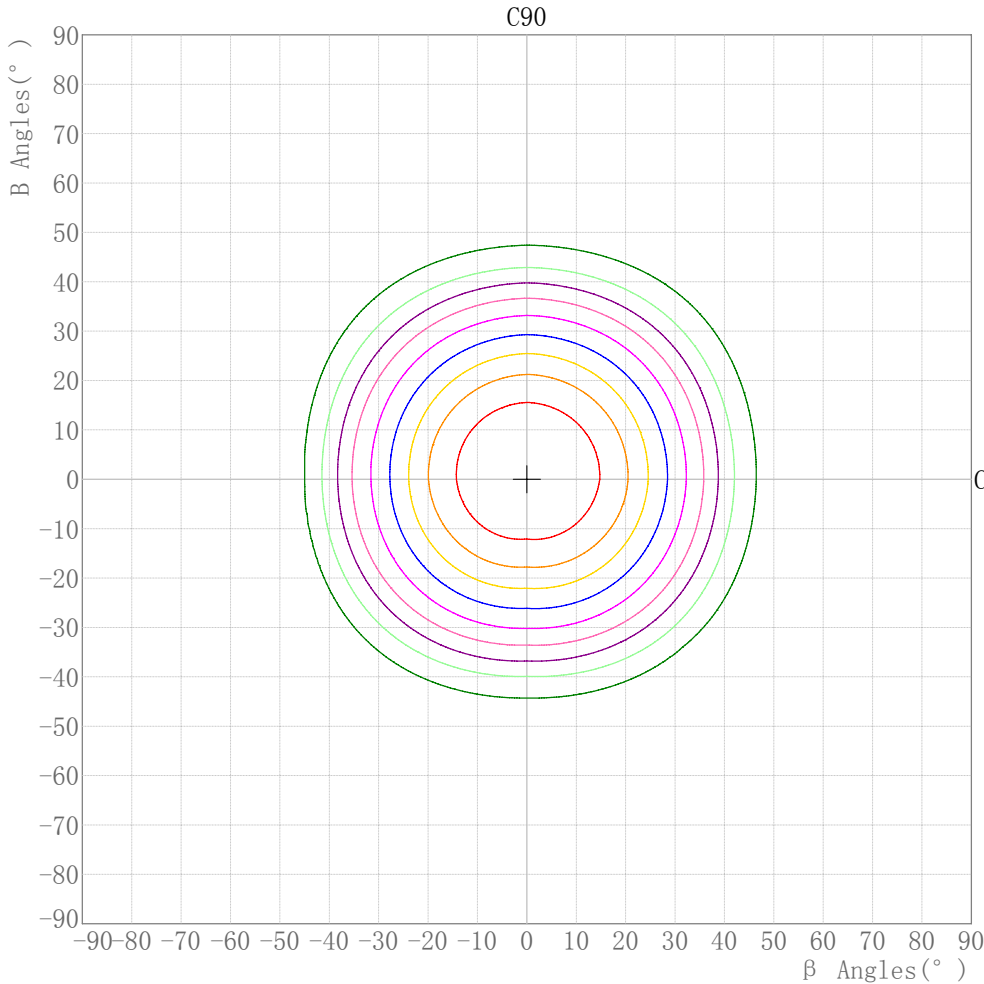
Zonal Flux Tabulation

| Zone(γ) | Zone Flux (lm) | Sums Flux (lm) | Zone%Lamp | Sums%Lamp |
|-------------|-------------------|-------------------|-----------|-----------|
| 0.0-5.0 | 23.64 | 23.64 | 1.96 | 1.96 |
| 5.0-10.0 | 68.89 | 92.53 | 5.72 | 7.69 |
| 10.0-15.0 | 108.56 | 201.09 | 9.02 | 16.70 |
| 15.0-20.0 | 138.44 | 339.52 | 11.50 | 28.20 |
| 20.0-25.0 | 153.82 | 493.34 | 12.78 | 40.98 |
| 25.0-30.0 | 154.01 | 647.35 | 12.79 | 53.77 |
| 30.0-35.0 | 140.75 | 788.10 | 11.69 | 65.46 |
| 35.0-40.0 | 109.74 | 897.84 | 9.11 | 74.57 |
| 40.0-45.0 | 65.46 | 963.30 | 5.44 | 80.01 |
| 45.0-50.0 | 33.96 | 997.26 | 2.82 | 82.83 |
| 50.0-55.0 | 24.39 | 1021.66 | 2.03 | 84.86 |
| 55.0-60.0 | 21.93 | 1043.59 | 1.82 | 86.68 |
| 60.0-65.0 | 19.70 | 1063.28 | 1.64 | 88.31 |
| 65.0-70.0 | 17.66 | 1080.94 | 1.47 | 89.78 |
| 70.0-75.0 | 15.62 | 1096.56 | 1.30 | 91.08 |
| 75.0-80.0 | 13.45 | 1110.02 | 1.12 | 92.19 |
| 80.0-85.0 | 11.60 | 1121.61 | 0.96 | 93.16 |
| 85.0-90.0 | 10.43 | 1132.04 | 0.87 | 94.02 |
| 90.0-95.0 | 9.89 | 1141.93 | 0.82 | 94.84 |
| 95.0-100.0 | 9.59 | 1151.52 | 0.80 | 95.64 |
| 100.0-105.0 | 9.29 | 1160.81 | 0.77 | 96.41 |
| 105.0-110.0 | 9.00 | 1169.81 | 0.75 | 97.16 |
| 110.0-115.0 | 8.72 | 1178.53 | 0.72 | 97.88 |
| 115.0-120.0 | 8.44 | 1186.97 | 0.70 | 98.59 |
| 120.0-125.0 | 8.16 | 1195.12 | 0.68 | 99.26 |
| 125.0-130.0 | 7.82 | 1202.95 | 0.65 | 99.91 |
| 130.0-135.0 | 7.44 | 1210.39 | 0.62 | 100.53 |
| 135.0-140.0 | 7.01 | 1217.40 | 0.58 | 101.11 |
| 140.0-145.0 | 6.49 | 1223.89 | 0.54 | 101.65 |
| 145.0-150.0 | 5.86 | 1229.75 | 0.49 | 102.14 |
| 150.0-155.0 | 5.14 | 1234.90 | 0.43 | 102.57 |
| 155.0-160.0 | 4.36 | 1239.25 | 0.36 | 102.93 |
| 160.0-165.0 | 3.50 | 1242.75 | 0.29 | 103.22 |
| 165.0-170.0 | 2.56 | 1245.32 | 0.21 | 103.43 |
| 170.0-175.0 | 1.57 | 1246.89 | 0.13 | 103.56 |
| 175.0-180.0 | 0.53 | 1247.42 | 0.04 | 103.61 |

Rectangle ISO Lighting Intensity Diagram

| | | |
|---|----------------------------------|-----------------------|
| Lum. Name: DC13W-3500K, Ra90, Reflector 60° | Lum. Catalog: 1247LM | Test ID: 01 |
| Lamp Name: CL2-13MR | Lamp Catalog: lamps and lanterns | Test Lab: |
| LED Chip: Citizen CLU028-1203C4-35XH5M3 | Test Machine:GON-2000 | Test Date: 2017/06/13 |

ISO Lighting Intensity Curve



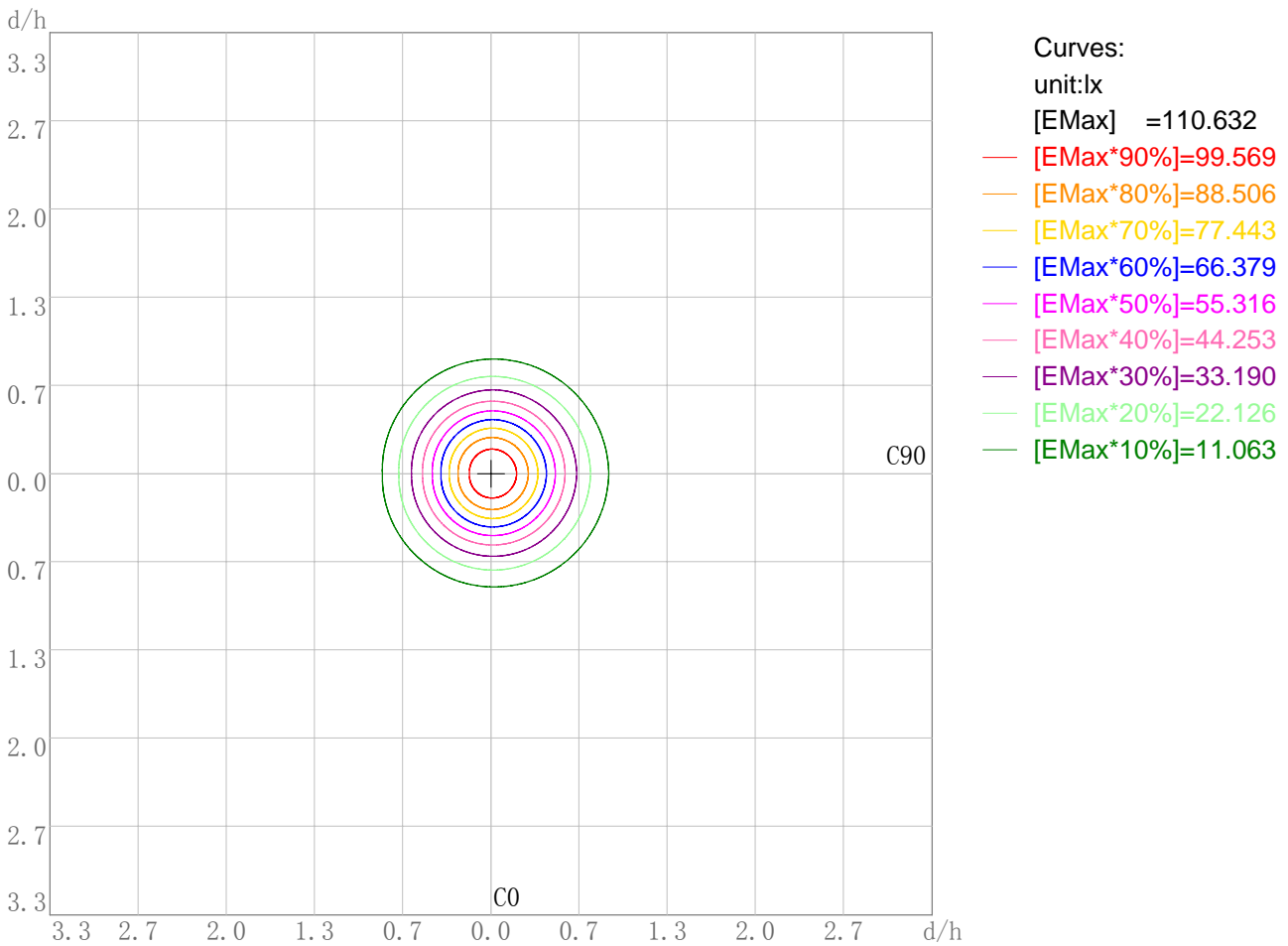
- Curves:**
 [Unit: cd]
 [IMax] =995.690
- [IMax*90%]=896.121
 - [IMax*80%]=796.552
 - [IMax*70%]=696.983
 - [IMax*60%]=597.414
 - [IMax*50%]=497.845
 - [IMax*40%]=398.276
 - [IMax*30%]=298.707
 - [IMax*20%]=199.138
 - [IMax*10%]=99.569

Maximum Light Intensity(cd): 995.69
 Maximum Cand.@Angle: H=0.0°,V=0.0°

Plane ISO-Illuminance Diagram

| | | |
|---|----------------------------------|-----------------------|
| Lum. Name: DC13W-3500K, Ra90, Reflector 60° | Lum. Catalog: 1247LM | Test ID: 01 |
| Lamp Name: CL2-13MR | Lamp Catalog: lamps and lanterns | Test Lab: |
| LED Chip: Citizen CLU028-1203C4-35XH5M3 | Test Machine:GON-2000 | Test Date: 2017/06/13 |

Plane ISO-Illuminance Curve

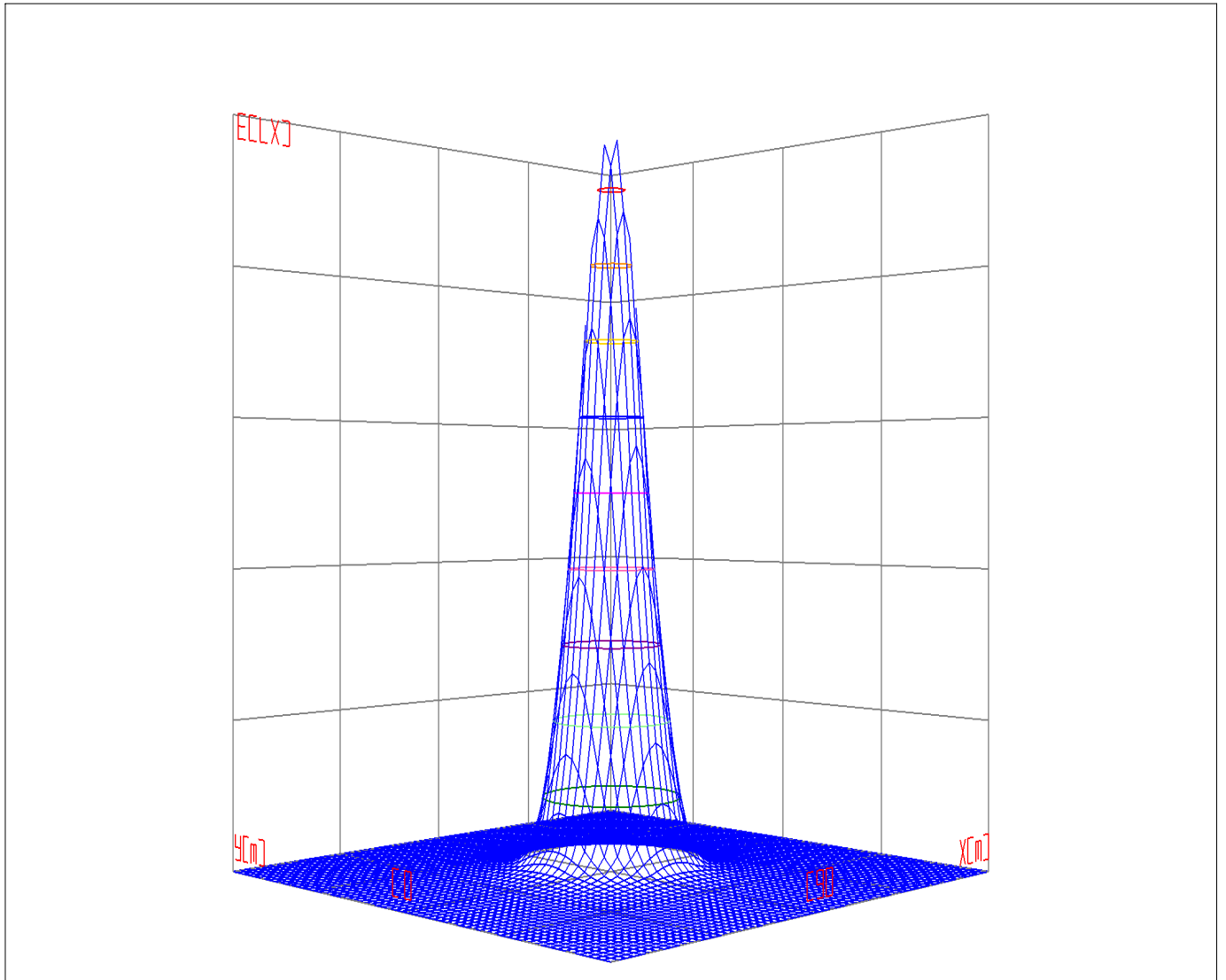


Working Plane Luminaire Mounting Height(m): 3.00
 Working Plane Maximum Illuminance(lx): 110.63
 Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

3D Plane ISO Illuminance Diagram

| | | |
|---|----------------------------------|-----------------------|
| Lum. Name: DC13W-3500K, Ra90, Reflector 60° | Lum. Catalog: 1247LM | Test ID: 01 |
| Lamp Name: CL2-13MR | Lamp Catalog: lamps and lanterns | Test Lab: |
| LED Chip: Citizen CLU028-1203C4-35XH5M3 | Test Machine:GON-2000 | Test Date: 2017/06/13 |

3D Plane Illuminance Modal

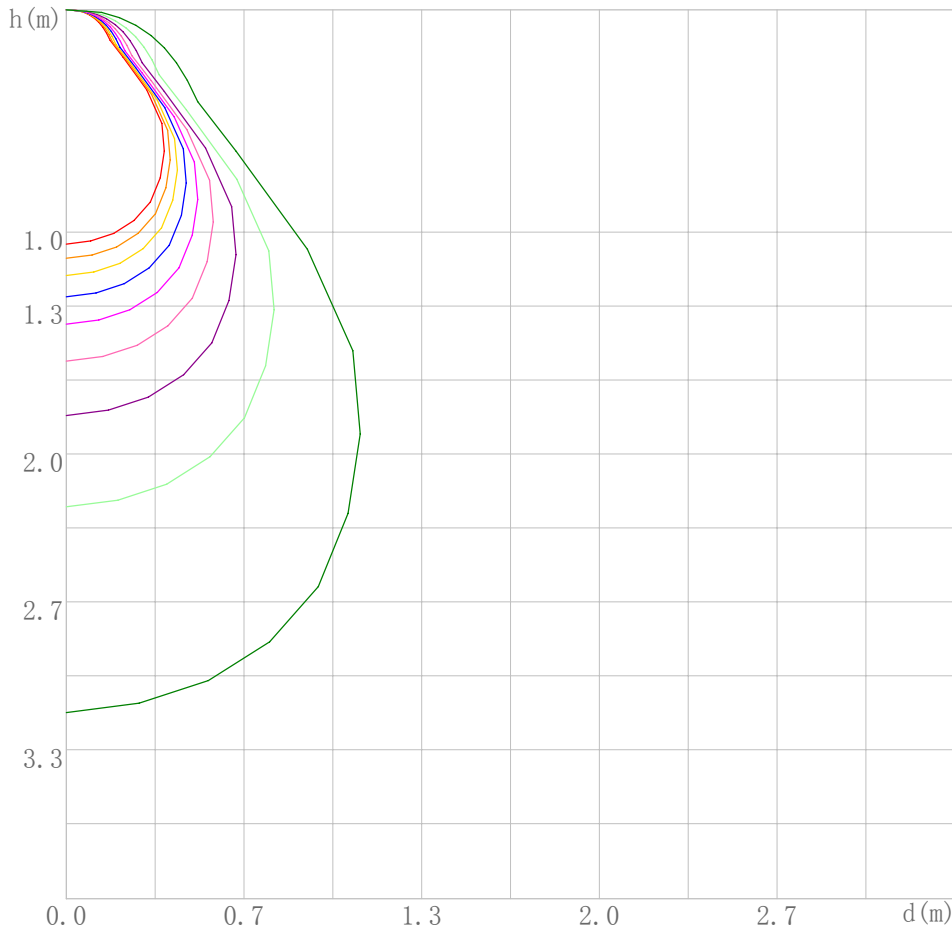


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
 View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

| | | |
|---|----------------------------------|-----------------------|
| Lum. Name: DC13W-3500K, Ra90, Reflector 60° | Lum. Catalog: 1247LM | Test ID: 01 |
| Lamp Name: CL2-13MR | Lamp Catalog: lamps and lanterns | Test Lab: |
| LED Chip: Citizen CLU028-1203C4-35XH5M3 | Test Machine:GON-2000 | Test Date: 2017/06/13 |

Space ISO Illuminance Curve



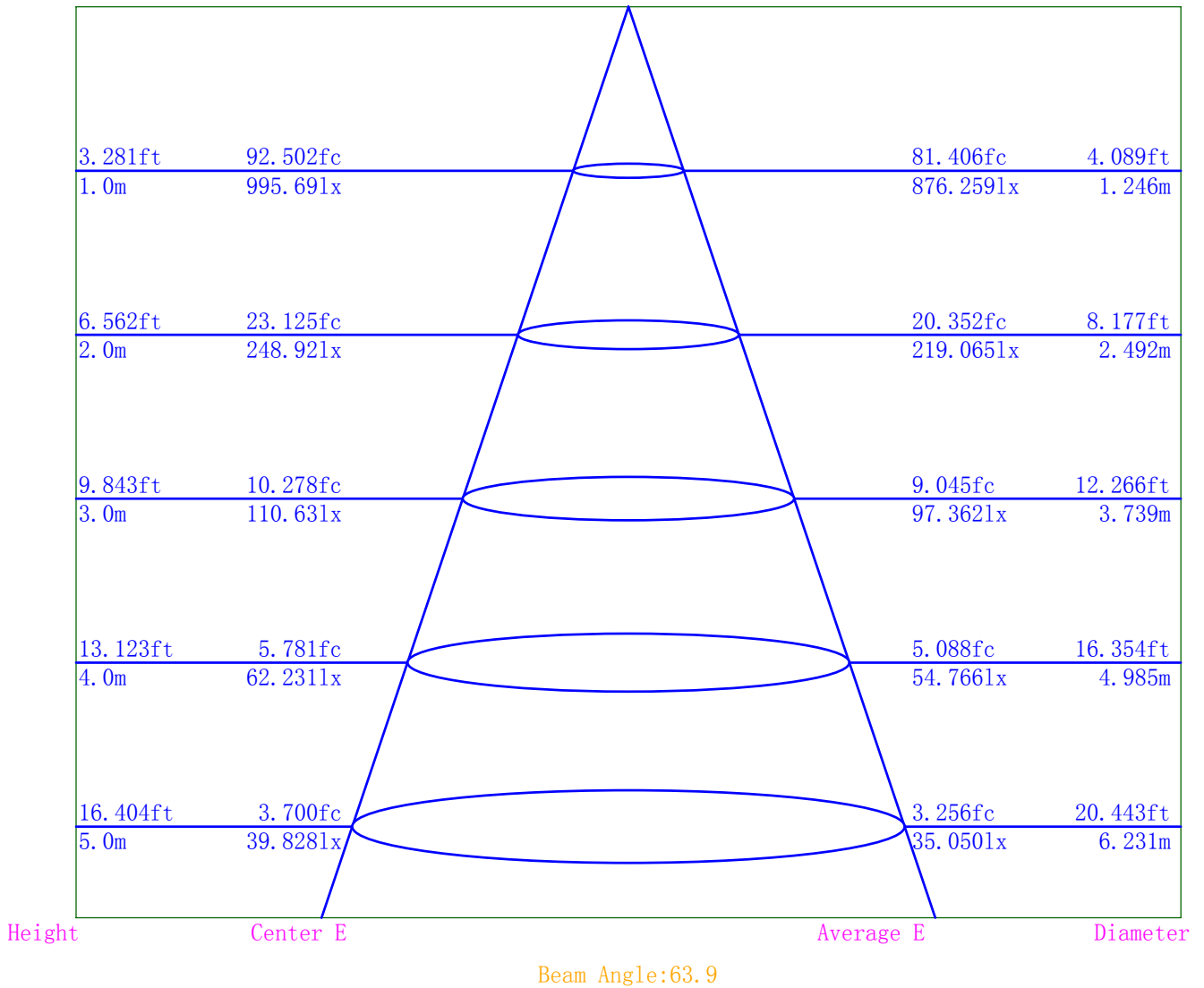
- Curves:
 [Unit: lx]
 [EMax] =995.690
- [EMax*90%]=896.121
 - [EMax*80%]=796.552
 - [EMax*70%]=696.983
 - [EMax*60%]=597.414
 - [EMax*50%]=497.845
 - [EMax*40%]=398.276
 - [EMax*30%]=298.707
 - [EMax*20%]=199.138
 - [EMax*10%]=99.569

Space Plane Maximum Illuminance and @Angle:995.69lx,0.0deg
 Plane Maximum Lighting Intensity and @Angle:995.690cd,0deg

Illuminance-Distance Diagram

| | | |
|---|----------------------------------|-----------------------|
| Lum. Name: DC13W-3500K, Ra90, Reflector 60° | Lum. Catalog: 1247LM | Test ID: 01 |
| Lamp Name: CL2-13MR | Lamp Catalog: lamps and lanterns | Test Lab: |
| LED Chip: Citizen CLU028-1203C4-35XH5M3 | Test Machine:GON-2000 | Test Date: 2017/06/13 |

Illuminance-Distance Curve



Indoor Luminance Limiting Curves

| | | |
|---|----------------------------------|-----------------------|
| Lum. Name: DC13W-3500K, Ra90, Reflector 60° | Lum. Catalog: 1247LM | Test ID: 01 |
| Lamp Name: CL2-13MR | Lamp Catalog: lamps and lanterns | Test Lab: |
| LED Chip: Citizen CLU028-1203C4-35XH5M3 | Test Machine:GON-2000 | Test Date: 2017/06/13 |

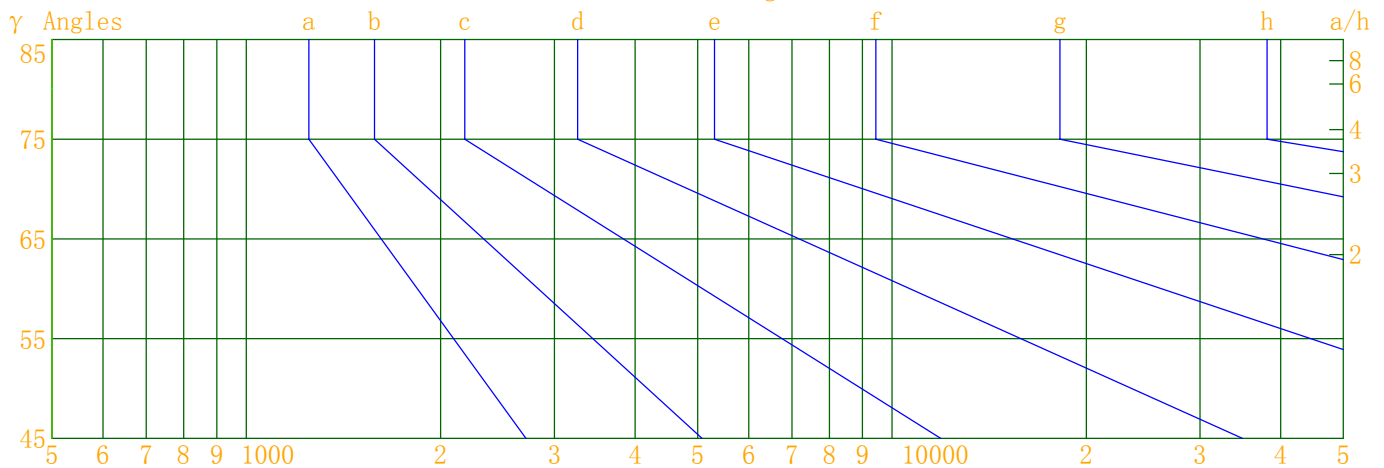
Glare Grade Table

| GI | Quality | Using Illuminance | | | | | | | |
|------|---------|-------------------|------|------|-------|-------|-------|-------|-------|
| | | a | b | c | d | e | f | g | h |
| 1.15 | A | 2000 | 1000 | 500 | <=300 | | | | |
| 1.5 | B | | 2000 | 1000 | 500 | <=300 | | | |
| 1.85 | C | | | 2000 | 1000 | 500 | <=300 | | |
| 2.2 | D | | | | 2000 | 1000 | 500 | <=300 | |
| 2.55 | E | a | | | | 2000 | 1000 | 500 | <=300 |
| | | | b | c | d | e | f | g | h |

Luminance Table

| Gama (deg) | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 |
|------------|----|----|----|----|----|----|----|----|----|
| C0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| C90 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

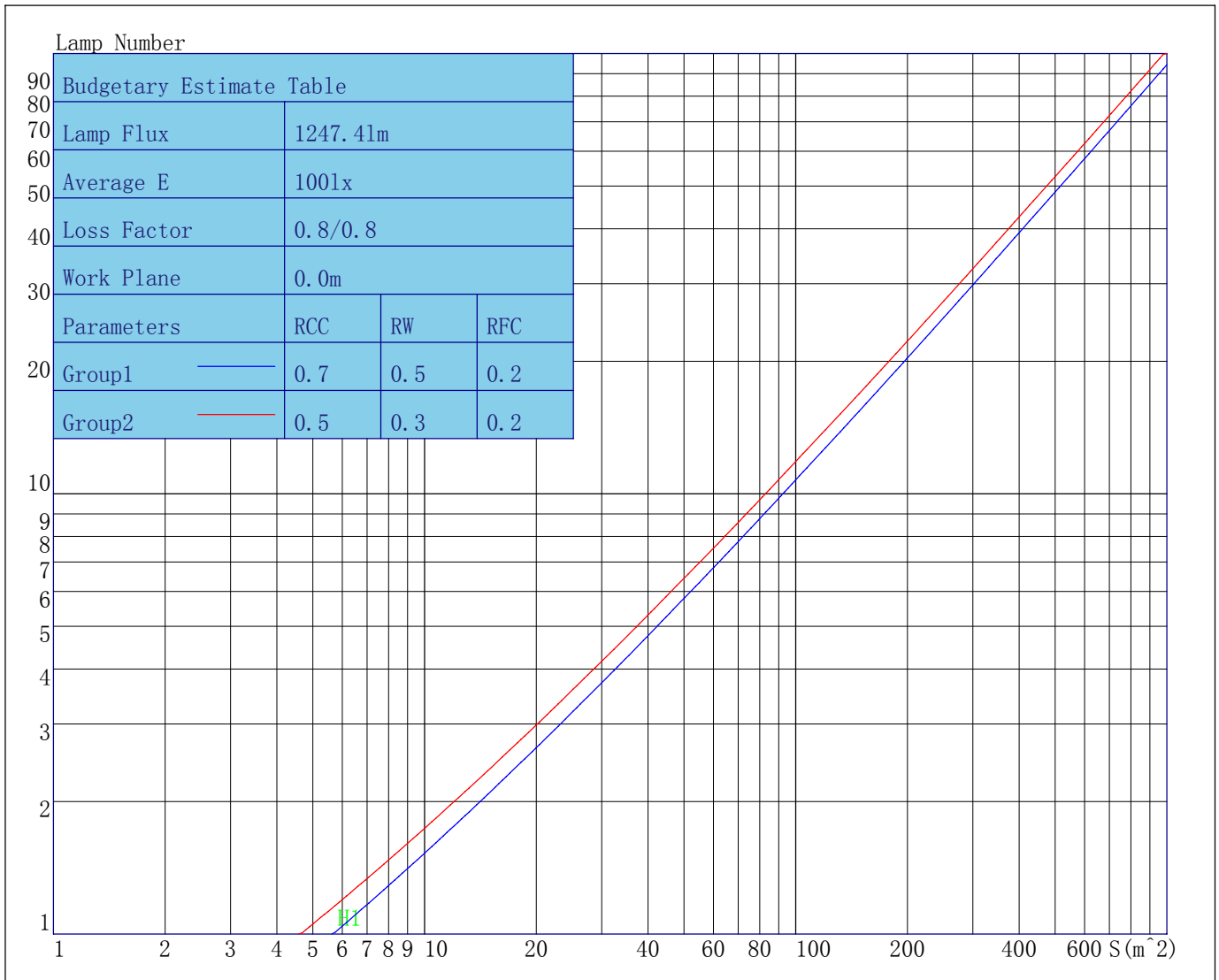
Luminance Limiting Curve



Luminous Size: Length(m)=0.000 Width(m)=0.000 Height(m)=0.000 Area(m²)=0.000000
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

Indoor Budgetary Estimate Table

| | | |
|---|----------------------------------|-----------------------|
| Lum. Name: DC13W-3500K, Ra90, Reflector 60° | Lum. Catalog: 1247LM | Test ID: 01 |
| Lamp Name: CL2-13MR | Lamp Catalog: lamps and lanterns | Test Lab: |
| LED Chip: Citizen CLU028-1203C4-35XH5M3 | Test Machine:GON-2000 | Test Date: 2017/06/13 |



Parameters1: Rhocc = 0.7 Rhow = 0.5 Rhofc = 0.2 LLF = 0.8
 Parameters2: Rhocc = 0.5 Rhow = 0.3 Rhofc = 0.2 LLF = 0.8
 Average Illuminance(lx): 100 Cavity Height: H1(m) = 2

Indoor Coefficient of Utilization Table

| | | |
|---|----------------------------------|-----------------------|
| Lum. Name: DC13W-3500K, Ra90, Reflector 60° | Lum. Catalog: 1247LM | Test ID: 01 |
| Lamp Name: CL2-13MR | Lamp Catalog: lamps and lanterns | Test Lab: |
| LED Chip: Citizen CLU028-1203C4-35XH5M3 | Test Machine:GON-2000 | Test Date: 2017/06/13 |

| Coefficients of Utilization - Zonal Cavity Method | | | | | | | | | | | | | | | | | | |
|---|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|
| Coef. | Effective Floor Cavity Reflectance RFC=0.20 | | | | | | | | | | | | | | | | | |
| RhoCC (%) | 80 | | | | 70 | | | | 50 | | | 30 | | | 10 | | | 0 |
| RhoW (%) | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RCR | Coefficient of Utilization (%) | | | | | | | | | | | | | | | | | |
| 0 | 121 | 121 | 121 | 121 | 117 | 117 | 117 | 117 | 110 | 110 | 110 | 103 | 103 | 103 | 97 | 97 | 97 | 94 |
| 1 | 113 | 109 | 106 | 103 | 110 | 106 | 103 | 101 | 100 | 98 | 96 | 95 | 93 | 91 | 90 | 88 | 87 | 84 |
| 2 | 106 | 100 | 94 | 90 | 103 | 97 | 92 | 88 | 92 | 88 | 85 | 87 | 84 | 82 | 83 | 81 | 78 | 76 |
| 3 | 99 | 91 | 85 | 80 | 96 | 89 | 83 | 79 | 85 | 80 | 76 | 81 | 77 | 74 | 77 | 74 | 71 | 69 |
| 4 | 93 | 84 | 77 | 72 | 90 | 82 | 76 | 71 | 78 | 73 | 69 | 75 | 71 | 67 | 72 | 68 | 65 | 63 |
| 5 | 88 | 77 | 70 | 65 | 85 | 76 | 69 | 64 | 73 | 67 | 63 | 70 | 65 | 61 | 67 | 63 | 60 | 58 |
| 6 | 83 | 72 | 65 | 59 | 80 | 70 | 64 | 59 | 68 | 62 | 58 | 65 | 60 | 57 | 63 | 59 | 55 | 54 |
| 7 | 78 | 67 | 60 | 55 | 76 | 66 | 59 | 54 | 63 | 57 | 53 | 61 | 56 | 52 | 59 | 55 | 51 | 50 |
| 8 | 74 | 62 | 55 | 50 | 72 | 61 | 55 | 50 | 59 | 53 | 49 | 57 | 52 | 48 | 56 | 51 | 48 | 46 |
| 9 | 70 | 58 | 51 | 47 | 68 | 57 | 51 | 46 | 56 | 50 | 46 | 54 | 49 | 45 | 52 | 48 | 45 | 43 |
| 10 | 66 | 55 | 48 | 44 | 64 | 54 | 48 | 43 | 52 | 47 | 43 | 51 | 46 | 42 | 50 | 45 | 42 | 40 |

Unified Glare Rating Table

| | | |
|---|----------------------------------|-----------------------|
| Lum. Name: DC13W-3500K, Ra90, Reflector 60° | Lum. Catalog: 1247LM | Test ID: 01 |
| Lamp Name: CL2-13MR | Lamp Catalog: lamps and lanterns | Test Lab: |
| LED Chip: Citizen CLU028-1203C4-35XH5M3 | Test Machine:GON-2000 | Test Date: 2017/06/13 |

Unified Glare Rating Table

| | | | | | | | | | | |
|---|-----------------|------|------|------|------|---------------|------|------|------|------|
| Ceiling RCC | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 | 0.70 | 0.70 | 0.50 | 0.50 | 0.30 |
| Wall RW | 0.50 | 0.30 | 0.50 | 0.30 | 0.30 | 0.50 | 0.30 | 0.50 | 0.30 | 0.30 |
| Floor RFC | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 |
| Room Size | Vewed crosswise | | | | | Vewed endwise | | | | |
| X=2H Y=2H | -0.9 | 0.2 | -0.4 | 0.7 | 1.2 | -0.9 | 0.2 | -0.4 | 0.7 | 1.2 |
| Y=3H | -1.1 | -0.1 | -0.6 | 0.4 | 1.0 | -1.1 | -0.1 | -0.6 | 0.4 | 1.0 |
| Y=4H | -1.2 | -0.3 | -0.6 | 0.2 | 0.8 | -1.2 | -0.3 | -0.6 | 0.2 | 0.8 |
| Y=6H | -1.3 | -0.5 | -0.7 | 0.1 | 0.7 | -1.3 | -0.5 | -0.7 | 0.1 | 0.7 |
| Y=8H | -1.4 | -0.6 | -0.8 | 0.0 | 0.6 | -1.4 | -0.6 | -0.8 | 0.0 | 0.6 |
| Y=12H | -1.4 | -0.6 | -0.8 | -0.1 | 0.6 | -1.4 | -0.6 | -0.8 | -0.1 | 0.6 |
| X=4H Y=2H | -1.2 | -0.3 | -0.6 | 0.2 | 0.8 | -1.2 | -0.3 | -0.6 | 0.2 | 0.8 |
| Y=3H | -1.4 | -0.6 | -0.8 | -0.1 | 0.6 | -1.4 | -0.6 | -0.8 | -0.1 | 0.6 |
| Y=4H | -1.5 | -0.8 | -0.9 | -0.2 | 0.4 | -1.5 | -0.8 | -0.9 | -0.2 | 0.4 |
| Y=6H | -1.6 | -1.0 | -1.0 | -0.4 | 0.3 | -1.6 | -1.0 | -1.0 | -0.4 | 0.3 |
| Y=8H | -1.7 | -1.1 | -1.1 | -0.5 | 0.2 | -1.7 | -1.1 | -1.1 | -0.5 | 0.2 |
| Y=12H | -1.7 | -1.2 | -1.1 | -0.6 | 0.1 | -1.7 | -1.2 | -1.1 | -0.6 | 0.1 |
| X=8H Y=4H | -1.7 | -1.1 | -1.1 | -0.5 | 0.2 | -1.7 | -1.1 | -1.1 | -0.5 | 0.2 |
| Y=6H | -1.8 | -1.3 | -1.2 | -0.7 | 0.1 | -1.8 | -1.3 | -1.2 | -0.7 | 0.1 |
| Y=8H | -1.9 | -1.4 | -1.2 | -0.8 | -0.1 | -1.9 | -1.4 | -1.2 | -0.8 | -0.1 |
| Y=12H | -1.9 | -1.5 | -1.3 | -0.9 | -0.1 | -1.9 | -1.5 | -1.3 | -0.9 | -0.1 |
| X=12H Y=4H | -1.7 | -1.2 | -1.1 | -0.6 | 0.1 | -1.7 | -1.2 | -1.1 | -0.6 | 0.1 |
| Y=6H | -1.9 | -1.4 | -1.2 | -0.8 | -0.1 | -1.9 | -1.4 | -1.2 | -0.8 | -0.1 |
| Y=8H | -1.9 | -1.5 | -1.3 | -0.9 | -0.1 | -1.9 | -1.5 | -1.3 | -0.9 | -0.1 |
| Variations with the objerver position at spacings | | | | | | | | | | |
| S=1.0H | 0.0/0.0 | | | | | 0.0/0.0 | | | | |
| S=1.5H | 0.0/0.0 | | | | | 0.0/0.0 | | | | |
| S=2.0H | 0.0/0.0 | | | | | 0.0/0.0 | | | | |
| Reduced UGR Table: | | | | | | | | | | |
| Nordic Standard Table: | BKO | | | | | BKO | | | | |
| Correction Value | 0.0 | | | | | 0.0 | | | | |

to the CIE Pub.117, data has been corrected, refers to the lamp's lumens 8.2flm.

IES Indoor Report

Photometric Filename:DC13W-3500K, Ra90, Reflector 60°.IES

Candela Tabulation

| V/H | C0.0 | C90.0 | C180.0 | C270.0 |
|---------|--------|--------|--------|--------|
| γ 0.0 | 995.69 | 995.69 | 995.69 | 995.69 |
| γ 5.0 | 980.55 | 986.39 | 985.21 | 973.85 |
| γ 10.0 | 949.96 | 956.75 | 946.20 | 924.46 |
| γ 15.0 | 893.44 | 905.17 | 887.30 | 856.79 |
| γ 20.0 | 808.57 | 825.20 | 795.18 | 747.42 |
| γ 25.0 | 686.55 | 709.22 | 669.39 | 624.81 |
| γ 30.0 | 558.23 | 578.91 | 537.30 | 503.43 |
| γ 35.0 | 426.18 | 451.55 | 411.41 | 356.16 |
| γ 40.0 | 257.07 | 291.46 | 241.00 | 196.22 |
| γ 45.0 | 114.10 | 131.79 | 99.05 | 83.51 |
| γ 50.0 | 64.06 | 64.88 | 57.13 | 57.74 |
| γ 55.0 | 53.28 | 53.50 | 48.79 | 49.37 |
| γ 60.0 | 45.21 | 45.68 | 41.63 | 42.02 |
| γ 65.0 | 38.78 | 38.69 | 35.56 | 36.51 |
| γ 70.0 | 33.30 | 32.86 | 31.07 | 32.26 |
| γ 75.0 | 28.07 | 27.72 | 26.25 | 27.49 |
| γ 80.0 | 23.42 | 23.16 | 21.88 | 23.11 |
| γ 85.0 | 20.12 | 19.80 | 19.00 | 20.22 |
| γ 90.0 | 18.49 | 18.33 | 17.56 | 18.83 |
| γ 95.0 | 17.93 | 17.88 | 17.18 | 18.27 |
| γ 100.0 | 17.55 | 17.59 | 16.74 | 18.01 |
| γ 105.0 | 17.30 | 17.28 | 16.64 | 17.77 |
| γ 110.0 | 17.26 | 17.21 | 16.59 | 17.72 |
| γ 115.0 | 17.24 | 17.22 | 16.62 | 17.90 |
| γ 120.0 | 17.42 | 17.50 | 16.81 | 18.15 |
| γ 125.0 | 17.70 | 17.80 | 17.24 | 18.54 |
| γ 130.0 | 18.05 | 18.10 | 17.57 | 18.95 |
| γ 135.0 | 18.56 | 18.54 | 18.15 | 19.44 |
| γ 140.0 | 19.12 | 19.07 | 18.64 | 19.97 |
| γ 145.0 | 19.58 | 19.65 | 19.15 | 20.37 |
| γ 150.0 | 20.00 | 20.03 | 19.61 | 20.78 |
| γ 155.0 | 20.48 | 20.55 | 19.96 | 21.21 |
| γ 160.0 | 20.97 | 20.99 | 20.44 | 21.61 |
| γ 165.0 | 21.43 | 21.48 | 20.82 | 21.96 |
| γ 170.0 | 21.84 | 21.85 | 21.19 | 22.34 |
| γ 175.0 | 22.09 | 22.23 | 21.45 | 22.69 |
| γ 180.0 | 22.15 | 22.15 | 22.15 | 22.15 |
