

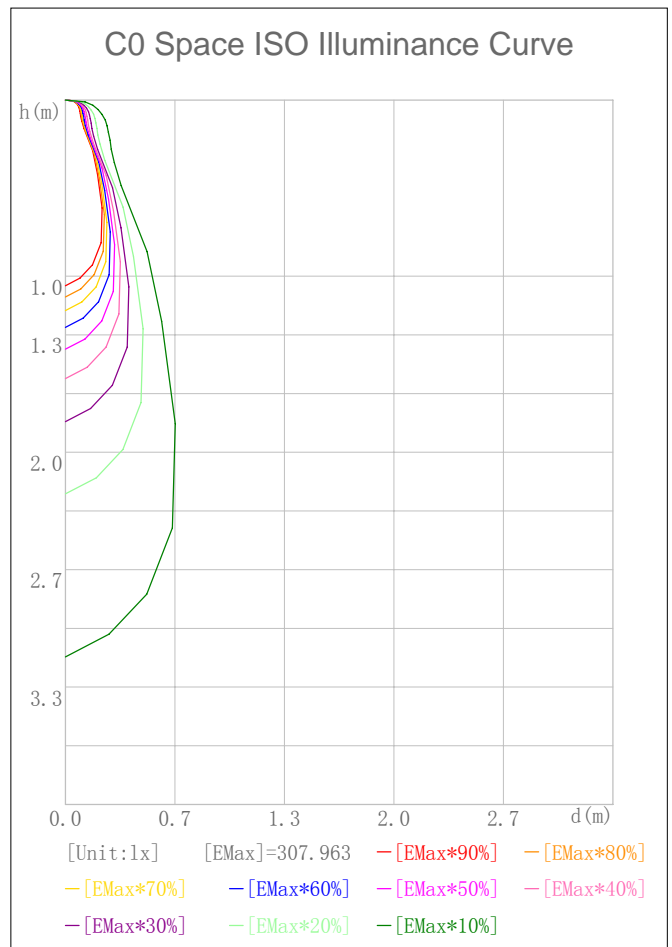
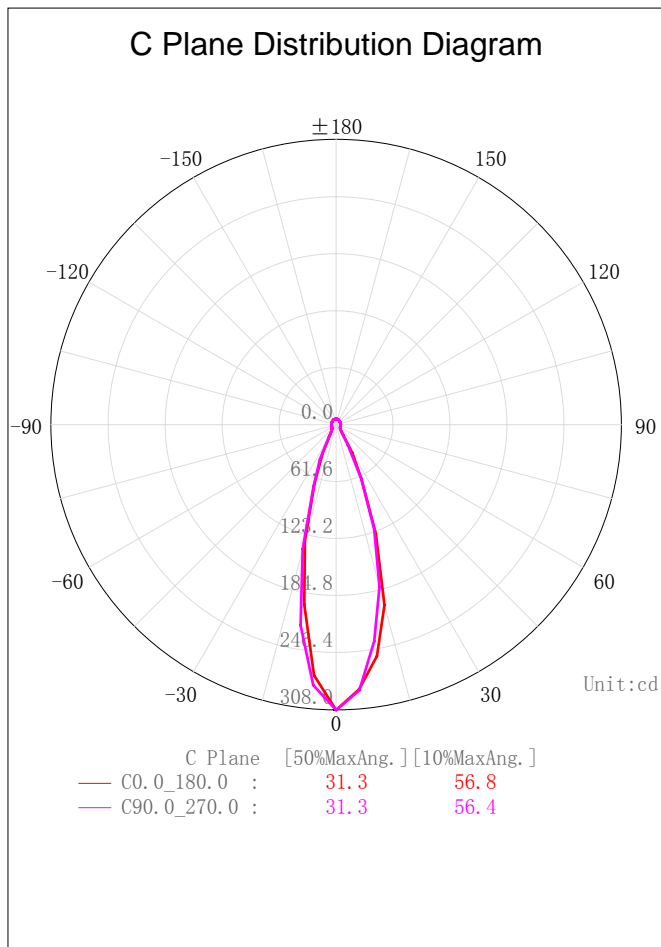
Indoor Luminaire Photometric Data

Description Information

| | | |
|--|---------------------------|-----------------------|
| Luminaire Name:LG-7001 | Lum. Catalog:Grille light | Test ID: |
| Lamp Name: | Lamp Catalog:LED | Test Date: 2017/08/09 |
| Manufacture: | Shld. Ang(°): | Test Machine:GON-2000 |
| Test Lab: | Frequency (Hz):50 | Lamp CCT(K): 3000 Ra: |
| Lum. Size (W*L*H):0.045m*0.045m*0.049m | Lum. Area (m2):0.004 | Lum. W(kg): 0.000 |
| Test System: C, γ | Test Step: C=30.0 γ=5.0 | Temp. (°C): 25 |
| | | Humidity(%): 50.0 |

Character Parameter

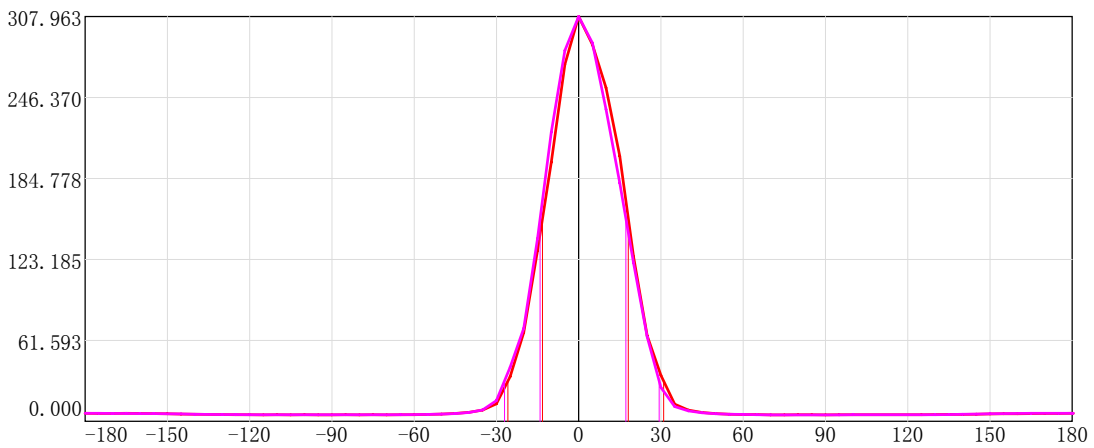
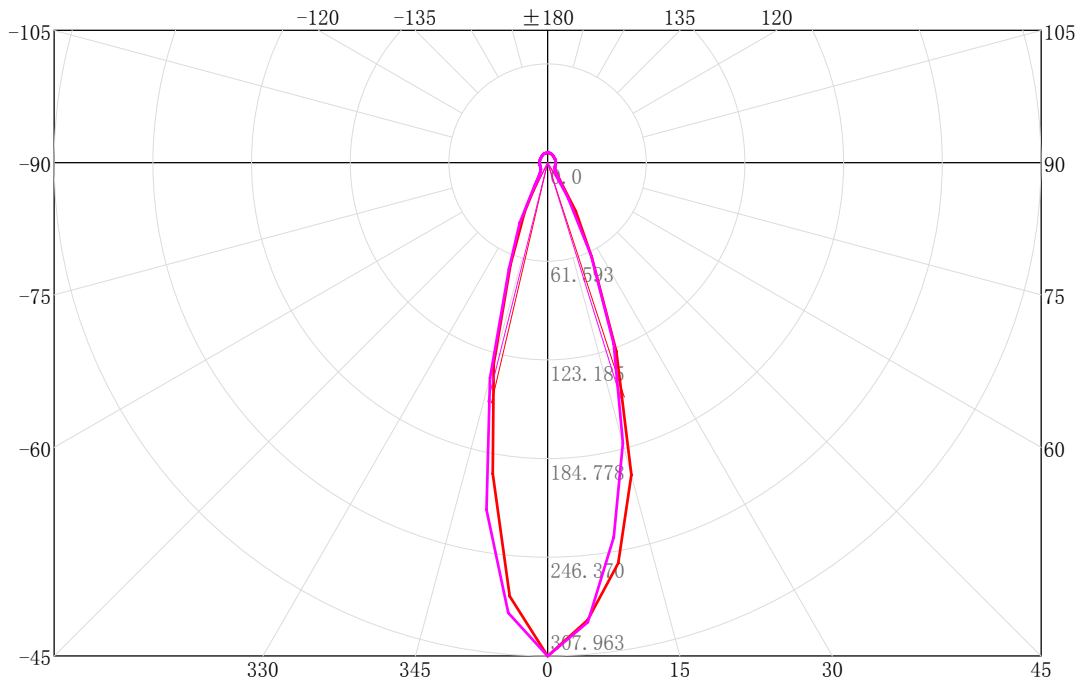
| Lamp Speciality Parameter | | Luminaire Speciality Parameter | |
|---|--------------------------------|---------------------------------------|--|
| Rated Flux(lm): 161.760 | Luminaire Flux(lm): 161.757 | Field Angle(10%Imax): 56.8(°) | |
| Rated Power(W): 2 | Luminaire Efficiency: 100.00% | Down Lumens&Percent: 128.598lm 79.50% | |
| Rated Voltage(V): 230 | Luminaire EER(lm/W): 61.645 | Up Lumens&Percent: 33.159lm 20.50% | |
| Tested Power(W): 2.624 | Max. Candela(cd): 307.963 | S/MH: C0_a180=0.522 C90_270=0.518 | |
| Lamps' Inside: 1 | Max Cand@Ang. (°): C=0.0 γ=0.0 | CIE Type: General Diffuse | |
| Tested Electrics (V, A, pf):231.0, 0.022, 0.508 | Beam Angle (50%Imax): 31.3(°) | ErP φ use(90°): 103.869lm | |
| Lamp Size (W*L*H):0.045m*0.045m*0.049m | Left=-13.2°, Right=18.1° | IRF(%): 518.077 | |



2D Plane Light Intensity Distribution Curve

| | | |
|--------------------|----------------------------|----------------------|
| Lum. Name: LG-7001 | Lum. Catalog: Grille light | Test ID: |
| Lamp Name: | Lamp Catalog:LED | Test Lab: |
| Manufacture: | Test Machine:GON-2000 | Test Date:2017/08/09 |

C Plane Distribution Diagram

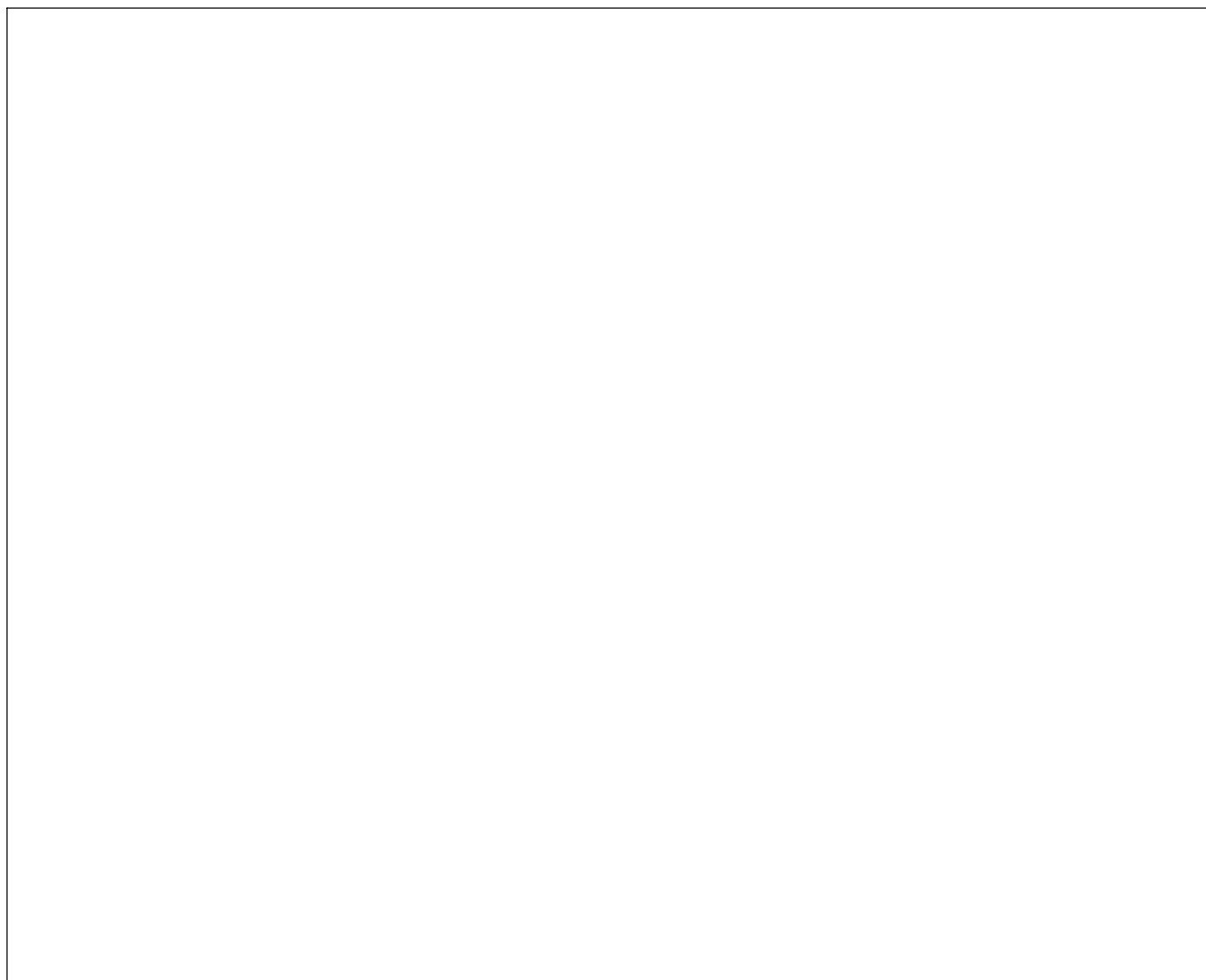


| C Plane | | [50%MaxAng.] | [10%MaxAng.] | Unit:cd |
|---------|-------------|--------------|--------------|---------|
| — | C0.0_180.0 | : 31.3 | 56.8 | |
| — | C90.0_270.0 | : 31.3 | 56.4 | |

3D Light Intensity Distribution Modal

| | | |
|--------------------|----------------------------|----------------------|
| Lum. Name: LG-7001 | Lum. Catalog: Grille light | Test ID: |
| Lamp Name: | Lamp Catalog:LED | Test Lab: |
| Manufacture: | Test Machine:GON-2000 | Test Date:2017/08/09 |

3D Light Intensity Distribution Modal



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

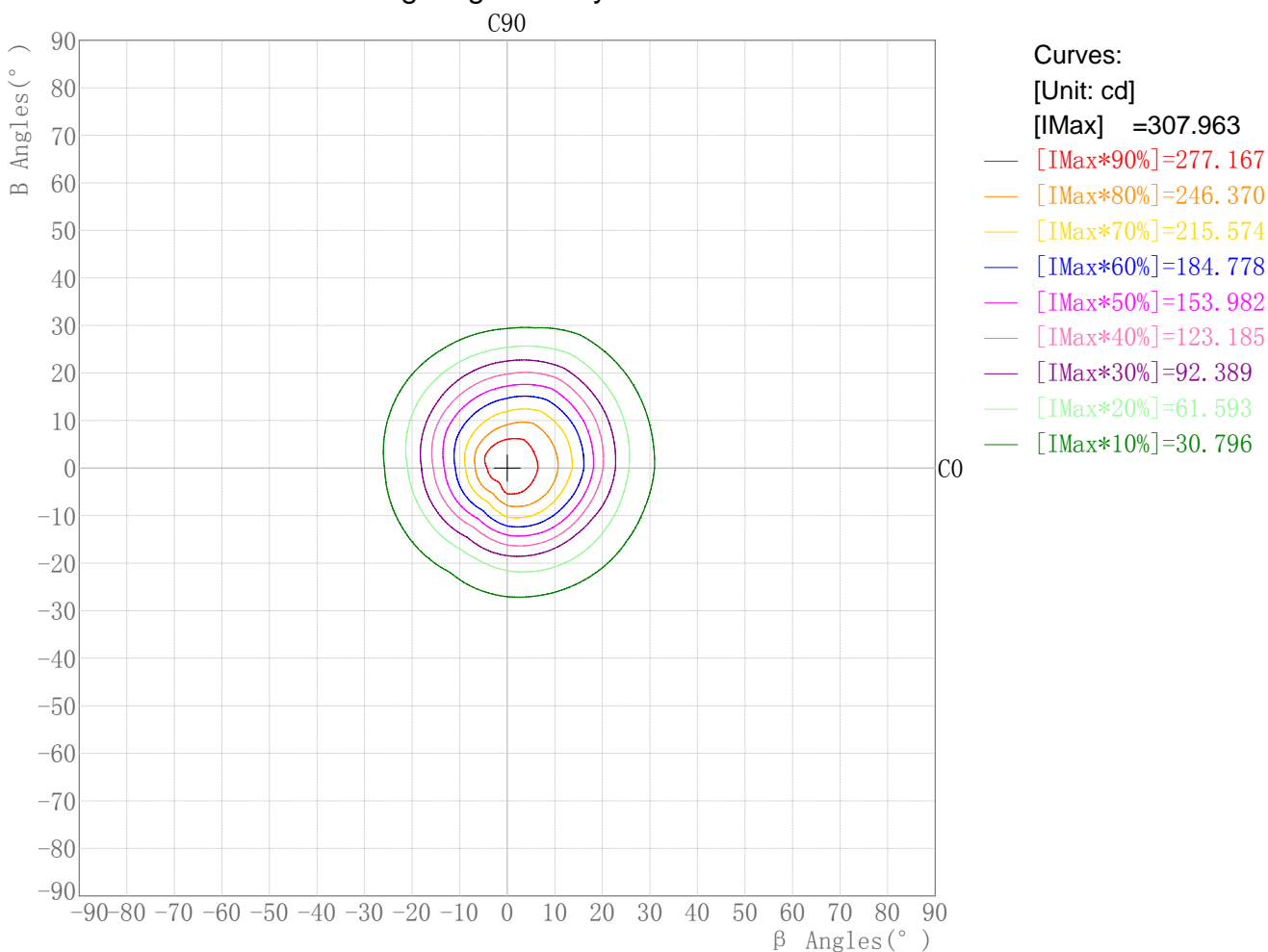
Zonal Flux Tabulation

| Zone(γ) | Zone Flux (lm) | Sums Flux (lm) | Zone%Lamp | Sums%Lamp |
|------------------|-------------------|-------------------|-----------|-----------|
| 0.0-5.0 | 7.04 | 7.04 | 4.35 | 4.35 |
| 5.0-10.0 | 18.16 | 25.20 | 11.22 | 15.58 |
| 10.0-15.0 | 23.07 | 48.27 | 14.26 | 29.84 |
| 15.0-20.0 | 21.33 | 69.60 | 13.18 | 43.03 |
| 20.0-25.0 | 15.52 | 85.12 | 9.59 | 52.62 |
| 25.0-30.0 | 9.42 | 94.53 | 5.82 | 58.44 |
| 30.0-35.0 | 4.91 | 99.44 | 3.04 | 61.48 |
| 35.0-40.0 | 3.06 | 102.50 | 1.89 | 63.37 |
| 40.0-45.0 | 2.63 | 105.14 | 1.63 | 64.99 |
| 45.0-50.0 | 2.51 | 107.64 | 1.55 | 66.54 |
| 50.0-55.0 | 2.48 | 110.12 | 1.53 | 68.08 |
| 55.0-60.0 | 2.50 | 112.62 | 1.54 | 69.62 |
| 60.0-65.0 | 2.54 | 115.16 | 1.57 | 71.19 |
| 65.0-70.0 | 2.59 | 117.75 | 1.60 | 72.79 |
| 70.0-75.0 | 2.64 | 120.39 | 1.63 | 74.42 |
| 75.0-80.0 | 2.70 | 123.09 | 1.67 | 76.09 |
| 80.0-85.0 | 2.75 | 125.83 | 1.70 | 77.79 |
| 85.0-90.0 | 2.77 | 128.60 | 1.71 | 79.50 |
| 90.0-95.0 | 2.77 | 131.36 | 1.71 | 81.21 |
| 95.0-100.0 | 2.75 | 134.11 | 1.70 | 82.91 |
| 100.0-105.0 | 2.70 | 136.81 | 1.67 | 84.58 |
| 105.0-110.0 | 2.65 | 139.46 | 1.64 | 86.22 |
| 110.0-115.0 | 2.57 | 142.03 | 1.59 | 87.80 |
| 115.0-120.0 | 2.47 | 144.50 | 1.53 | 89.33 |
| 120.0-125.0 | 2.36 | 146.86 | 1.46 | 90.79 |
| 125.0-130.0 | 2.25 | 149.11 | 1.39 | 92.18 |
| 130.0-135.0 | 2.13 | 151.23 | 1.31 | 93.49 |
| 135.0-140.0 | 1.99 | 153.22 | 1.23 | 94.72 |
| 140.0-145.0 | 1.84 | 155.06 | 1.14 | 95.86 |
| 145.0-150.0 | 1.67 | 156.73 | 1.03 | 96.89 |
| 150.0-155.0 | 1.47 | 158.21 | 0.91 | 97.80 |
| 155.0-160.0 | 1.25 | 159.45 | 0.77 | 98.57 |
| 160.0-165.0 | 1.00 | 160.45 | 0.62 | 99.19 |
| 165.0-170.0 | 0.72 | 161.17 | 0.45 | 99.64 |
| 170.0-175.0 | 0.44 | 161.61 | 0.27 | 99.91 |
| 175.0-180.0 | 0.15 | 161.76 | 0.09 | 100.00 |

Rectangle ISO Lighting Intensity Diagram

| | | |
|--------------------|----------------------------|----------------------|
| Lum. Name: LG-7001 | Lum. Catalog: Grille light | Test ID: |
| Lamp Name: | Lamp Catalog:LED | Test Lab: |
| Manufacture: | Test Machine:GON-2000 | Test Date:2017/08/09 |

ISO Lighting Intensity Curve

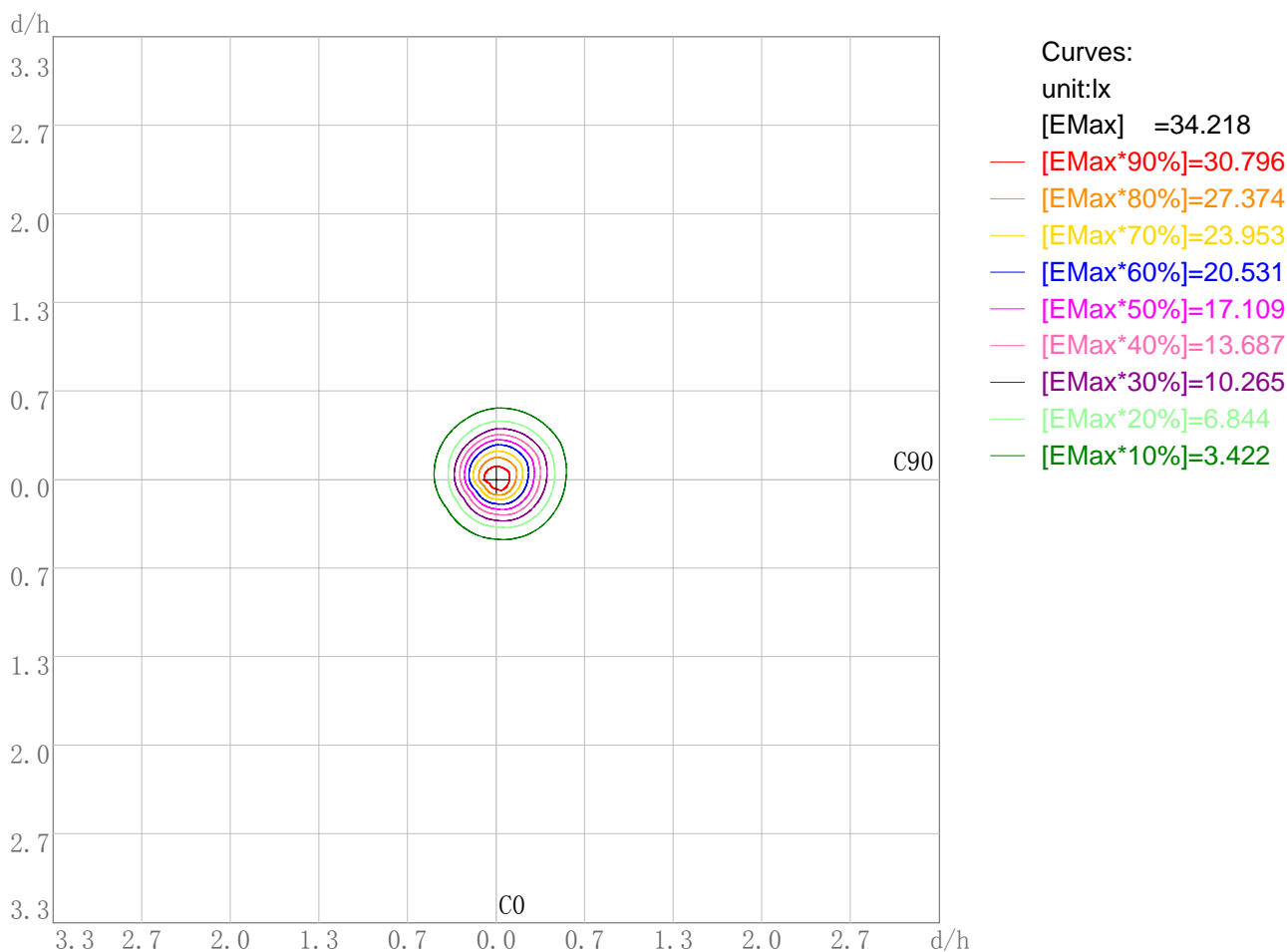


Maximum Light Intensity(cd): 307.96
 Maximum Cand.@Angle: H=0.0°,V=0.0°

Plane ISO-Illuminance Diagram

| | | |
|--------------------|----------------------------|----------------------|
| Lum. Name: LG-7001 | Lum. Catalog: Grille light | Test ID: |
| Lamp Name: | Lamp Catalog:LED | Test Lab: |
| Manufacture: | Test Machine:GON-2000 | Test Date:2017/08/09 |

Plane ISO-Illuminance Curve

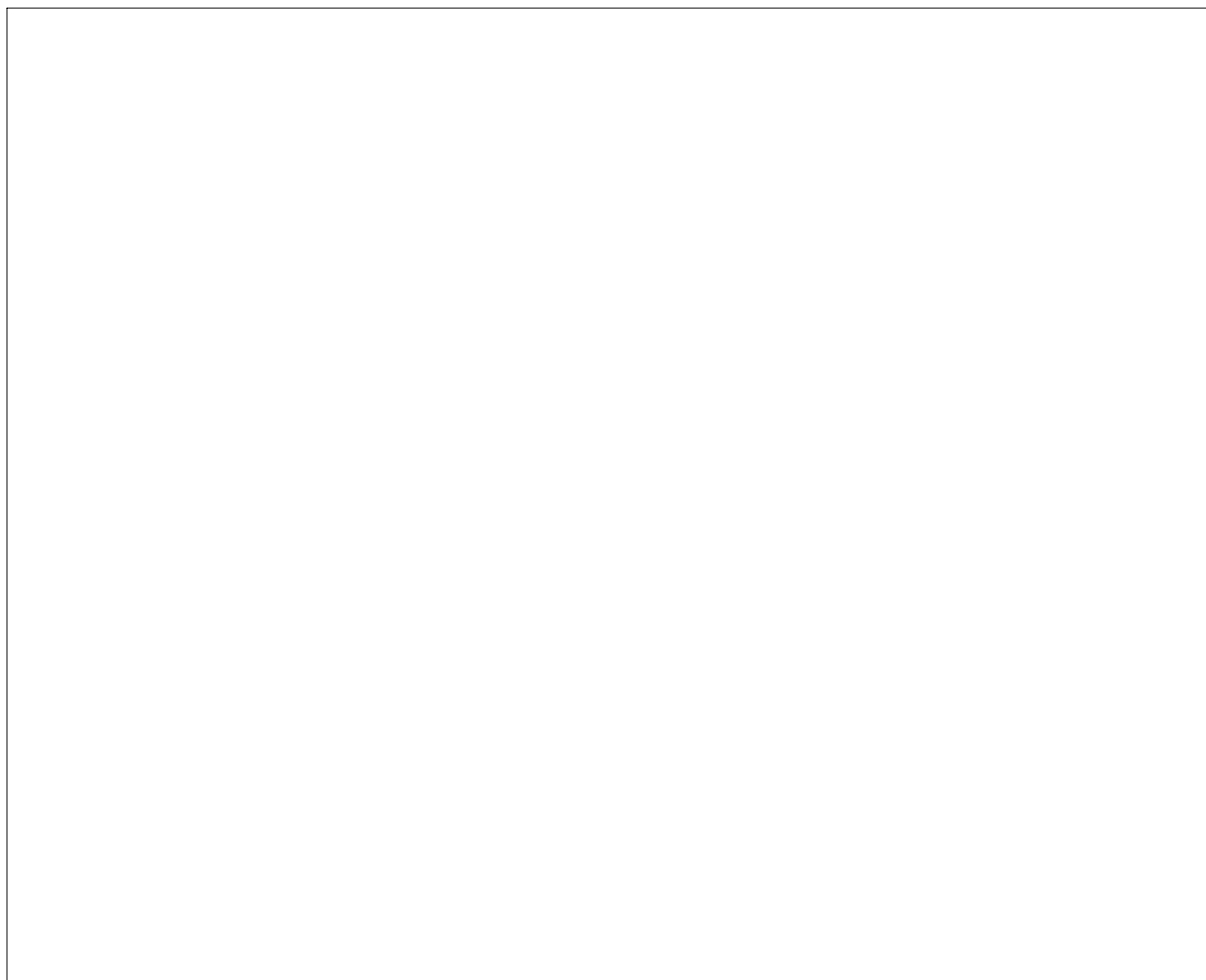


Working Plane Luminaire Mounting Height(m): 3.00
 Working Plane Maximum Illuminance(lx): 34.22
 Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

3D Plane ISO Illuminance Diagram

| | | |
|--------------------|----------------------------|----------------------|
| Lum. Name: LG-7001 | Lum. Catalog: Grille light | Test ID: |
| Lamp Name: | Lamp Catalog:LED | Test Lab: |
| Manufacture: | Test Machine:GON-2000 | Test Date:2017/08/09 |

3D Plane Illuminance Modal

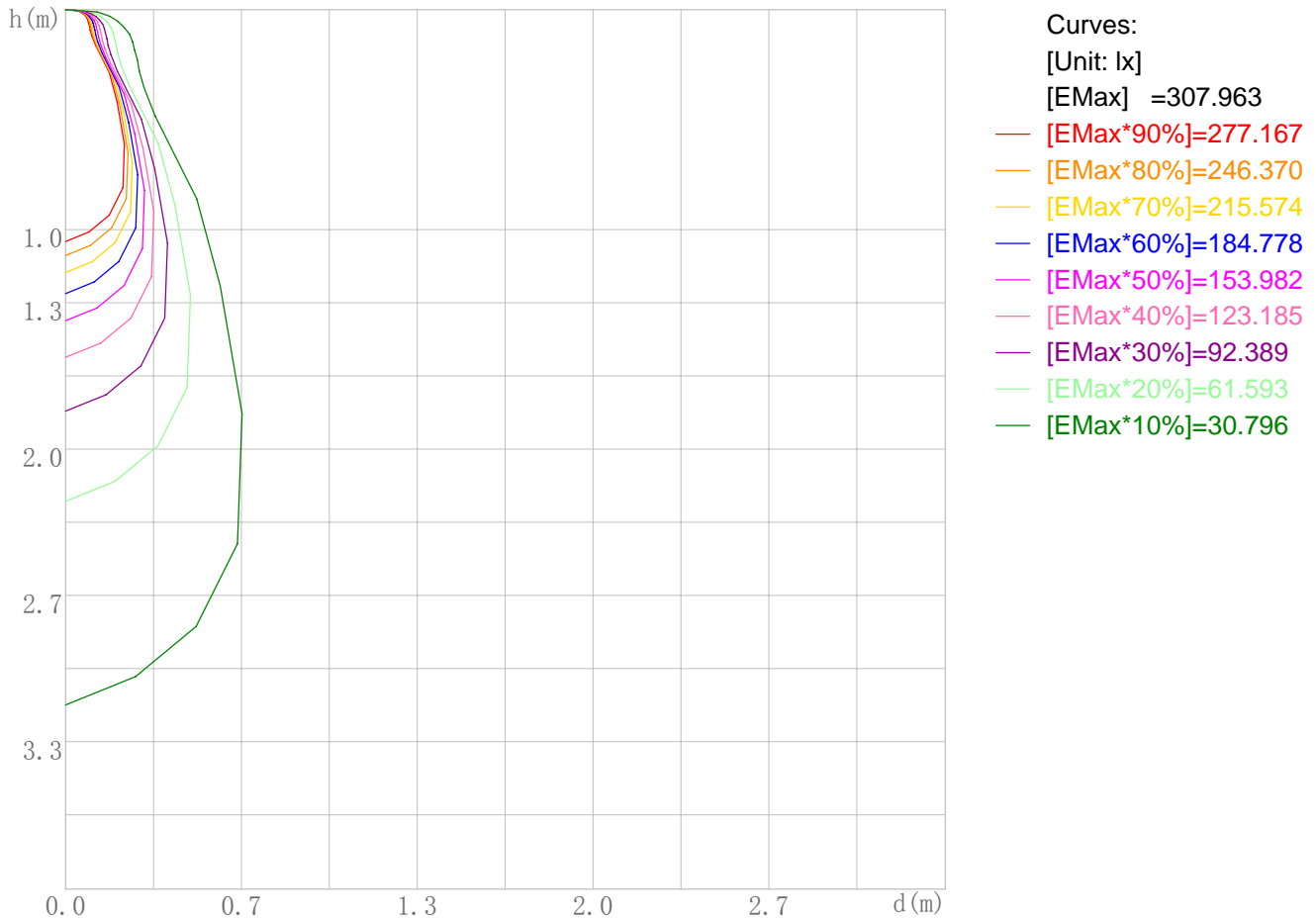


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

| | | |
|--------------------|----------------------------|----------------------|
| Lum. Name: LG-7001 | Lum. Catalog: Grille light | Test ID: |
| Lamp Name: | Lamp Catalog:LED | Test Lab: |
| Manufacture: | Test Machine:GON-2000 | Test Date:2017/08/09 |

Space ISO Illuminance Curve

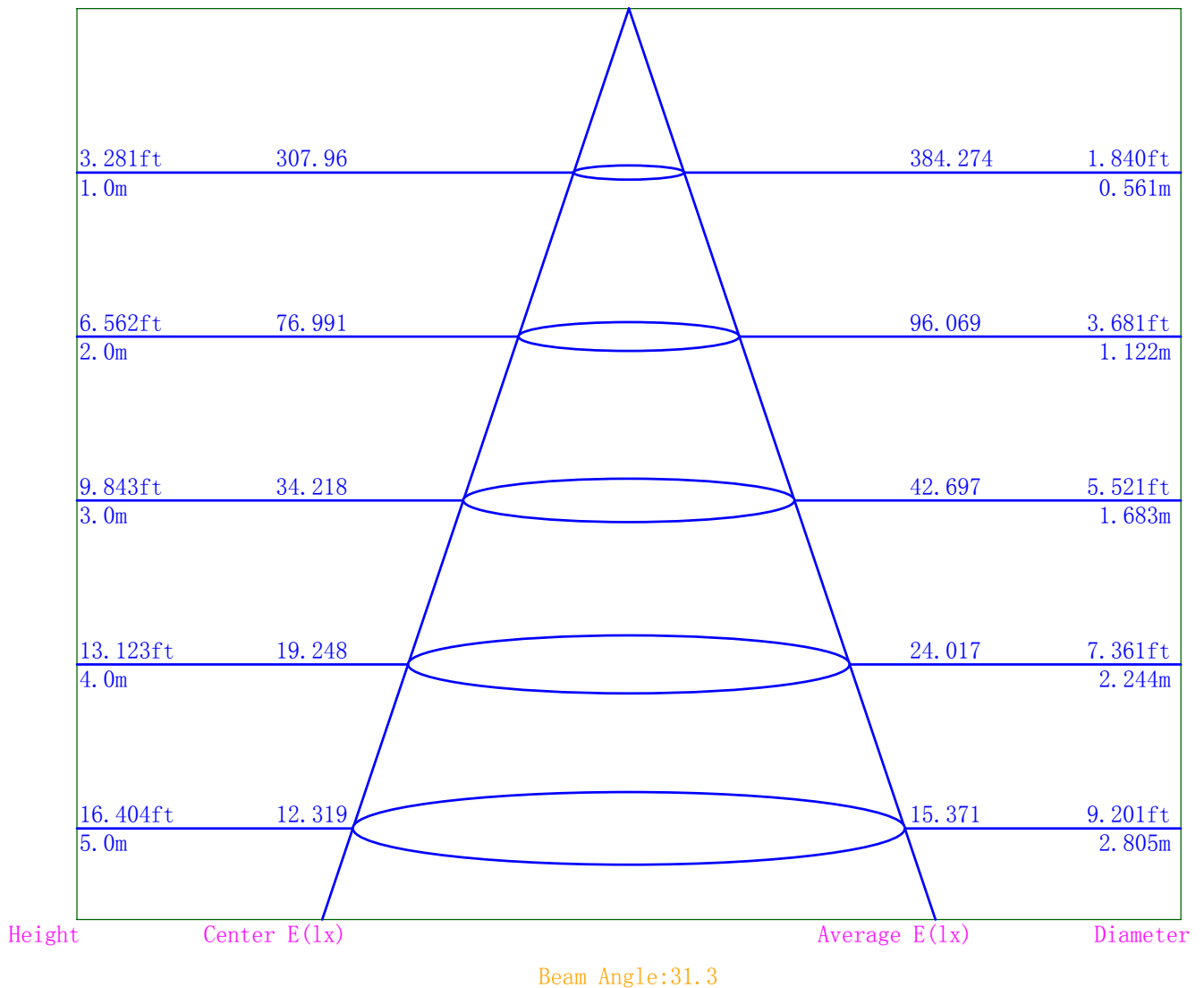


Space Plane Maximum Illuminance and @Angle:307.96lx,0.0deg
 Plane Maximum Lighting Intensity and @Angle:307.963cd,0deg

Illuminance-Distance Diagram

| | | |
|--------------------|----------------------------|----------------------|
| Lum. Name: LG-7001 | Lum. Catalog: Grille light | Test ID: |
| Lamp Name: | Lamp Catalog:LED | Test Lab: |
| Manufacture: | Test Machine:GON-2000 | Test Date:2017/08/09 |

Illuminance-Distance Curve



Indoor Luminance Limiting Curves

| | | |
|--------------------|----------------------------|----------------------|
| Lum. Name: LG-7001 | Lum. Catalog: Grille light | Test ID: |
| Lamp Name: | Lamp Catalog:LED | Test Lab: |
| Manufacture: | Test Machine:GON-2000 | Test Date:2017/08/09 |

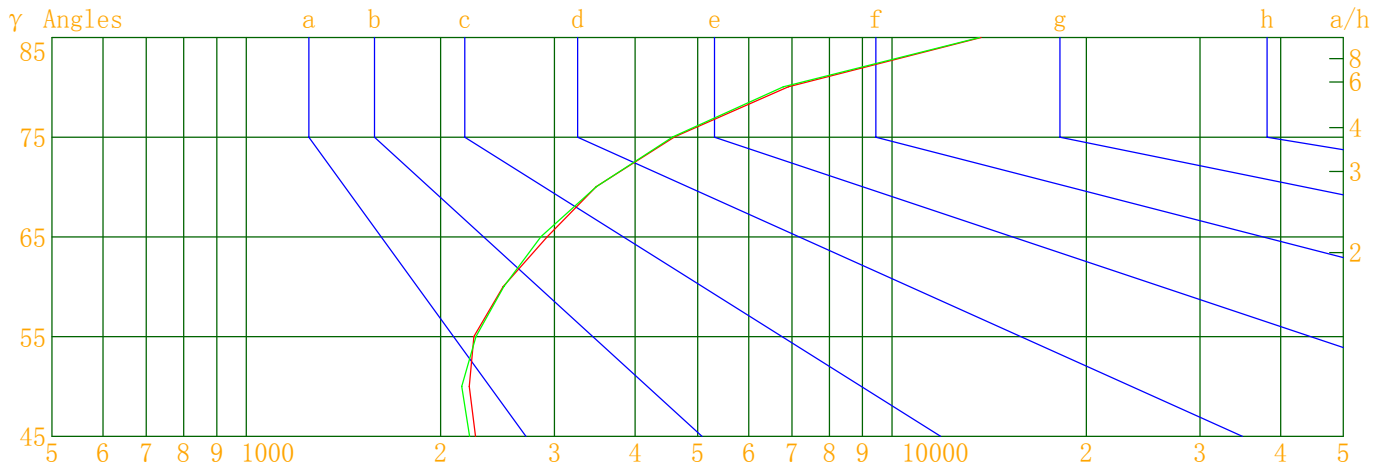
Glare Grade Table

| 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 | 2265 | 2215 | 2252 | 2500 | 2927 | 3482 | 4609 | 6909 | 13736 |
| C90 | 2217 | 2156 | 2268 | 2505 | 2860 | 3484 | 4582 | 6789 | 13668 |

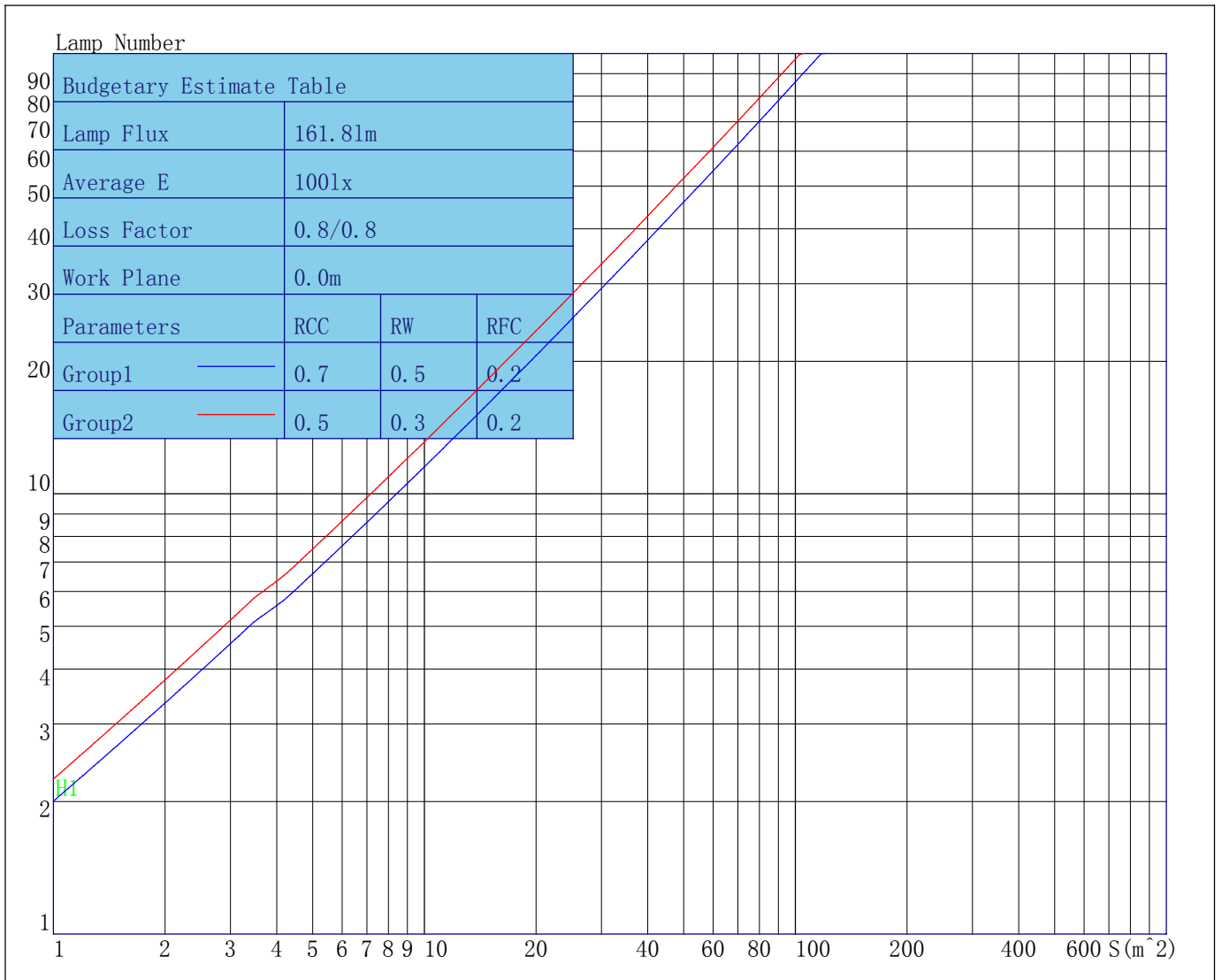
Luminance Limiting Curve



Luminous Size: Length(m)=0.045 Width(m)=0.045 Height(m)=0.049 Area(m²)=0.004230
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

Indoor Budgetary Estimate Table

| | | |
|--------------------|----------------------------|----------------------|
| Lum. Name: LG-7001 | Lum. Catalog: Grille light | Test ID: |
| Lamp Name: | Lamp Catalog:LED | Test Lab: |
| Manufacture: | Test Machine:GON-2000 | Test Date:2017/08/09 |



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: LG-7001 | Lum. Catalog: Grille light | Test ID: |
| Lamp Name: | Lamp Catalog:LED | Test Lab: |
| Manufacture: | Test Machine:GON-2000 | Test Date:2017/08/09 |

| 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 | 114 | 114 | 114 | 114 | 109 | 109 | 109 | 109 | 100 | 100 | 100 | 91 | 91 | 91 | 83 | 83 | 83 | 79 |
| 1 | 106 | 102 | 99 | 96 | 101 | 98 | 95 | 92 | 90 | 88 | 86 | 83 | 81 | 80 | 76 | 75 | 74 | 71 |
| 2 | 100 | 94 | 88 | 84 | 95 | 90 | 86 | 82 | 83 | 80 | 77 | 77 | 75 | 72 | 72 | 70 | 68 | 65 |
| 3 | 94 | 86 | 81 | 76 | 90 | 83 | 78 | 74 | 78 | 74 | 70 | 73 | 69 | 66 | 68 | 65 | 63 | 60 |
| 4 | 89 | 80 | 74 | 69 | 85 | 78 | 72 | 68 | 73 | 68 | 65 | 69 | 65 | 62 | 64 | 61 | 59 | 57 |
| 5 | 84 | 75 | 69 | 64 | 81 | 73 | 67 | 63 | 69 | 64 | 61 | 65 | 61 | 58 | 61 | 58 | 56 | 54 |
| 6 | 80 | 71 | 64 | 60 | 77 | 69 | 63 | 59 | 65 | 60 | 57 | 62 | 58 | 55 | 59 | 56 | 53 | 51 |
| 7 | 77 | 67 | 61 | 56 | 74 | 65 | 60 | 55 | 62 | 57 | 54 | 59 | 55 | 52 | 56 | 53 | 51 | 49 |
| 8 | 73 | 64 | 57 | 53 | 71 | 62 | 56 | 52 | 59 | 54 | 51 | 57 | 53 | 50 | 54 | 51 | 48 | 47 |
| 9 | 70 | 60 | 55 | 51 | 68 | 59 | 54 | 50 | 57 | 52 | 49 | 54 | 50 | 47 | 52 | 49 | 46 | 45 |
| 10 | 67 | 58 | 52 | 48 | 65 | 57 | 51 | 48 | 54 | 50 | 47 | 52 | 48 | 46 | 50 | 47 | 44 | 43 |

IES Indoor Report
Photometric Filename:LG-7001.IES

Unified Glare Rating Table

| | | |
|--------------------|----------------------------|----------------------|
| Lum. Name: LG-7001 | Lum. Catalog: Grille light | Test ID: |
| Lamp Name: | Lamp Catalog:LED | Test Lab: |
| Manufacture: | Test Machine:GON-2000 | Test Date:2017/08/09 |

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 | Viewed crosswise | | | | | Viewed endwise | | | | |
| X=2H Y=2H | 18.6 | 19.3 | 18.3 | 19.1 | 19.7 | 18.5 | 19.3 | 18.3 | 19.0 | 19.6 |
| Y=3H | 21.5 | 22.2 | 21.4 | 22.1 | 22.7 | 21.5 | 22.2 | 21.4 | 22.1 | 22.7 |
| Y=4H | 23.3 | 24.0 | 23.2 | 23.9 | 24.6 | 23.3 | 24.0 | 23.3 | 23.9 | 24.6 |
| Y=6H | 25.4 | 26.0 | 25.4 | 26.0 | 26.7 | 25.4 | 26.0 | 25.4 | 26.0 | 26.7 |
| Y=8H | 26.6 | 27.2 | 26.7 | 27.3 | 28.0 | 26.6 | 27.2 | 26.7 | 27.2 | 28.0 |
| Y=12H | 28.0 | 28.6 | 28.1 | 28.7 | 29.4 | 28.0 | 28.6 | 28.1 | 28.6 | 29.4 |
| X=4H Y=2H | 18.7 | 19.4 | 18.7 | 19.3 | 20.0 | 18.7 | 19.4 | 18.7 | 19.3 | 20.0 |
| Y=3H | 21.8 | 22.4 | 21.9 | 22.4 | 23.2 | 21.8 | 22.4 | 21.9 | 22.5 | 23.2 |
| Y=4H | 23.8 | 24.3 | 23.9 | 24.4 | 25.2 | 23.8 | 24.3 | 24.0 | 24.5 | 25.2 |
| Y=6H | 26.2 | 26.6 | 26.4 | 26.8 | 27.6 | 26.2 | 26.6 | 26.4 | 26.9 | 27.7 |
| Y=8H | 27.5 | 28.0 | 27.8 | 28.2 | 29.0 | 27.5 | 28.0 | 27.8 | 28.2 | 29.1 |
| Y=12H | 29.1 | 29.5 | 29.4 | 29.8 | 30.7 | 29.1 | 29.5 | 29.4 | 29.8 | 30.7 |
| X=8H Y=4H | 25.6 | 26.0 | 25.9 | 26.3 | 27.1 | 25.6 | 26.1 | 25.9 | 26.3 | 27.2 |
| Y=6H | 27.9 | 28.3 | 28.3 | 28.6 | 29.5 | 27.9 | 28.3 | 28.3 | 28.7 | 29.5 |
| Y=8H | 29.3 | 29.6 | 29.7 | 30.0 | 30.9 | 29.3 | 29.6 | 29.7 | 30.0 | 30.9 |
| Y=12H | 30.9 | 31.2 | 31.4 | 31.7 | 32.6 | 30.9 | 31.2 | 31.4 | 31.7 | 32.6 |
| X=12H Y=4H | 26.1 | 26.4 | 26.4 | 26.8 | 27.6 | 26.1 | 26.5 | 26.4 | 26.8 | 27.6 |
| Y=6H | 28.5 | 28.8 | 28.9 | 29.2 | 30.1 | 28.5 | 28.8 | 29.0 | 29.3 | 30.1 |
| Y=8H | 30.0 | 30.3 | 30.5 | 30.7 | 31.6 | 30.0 | 30.3 | 30.5 | 30.8 | 31.7 |
| Variations with the observer position at spacings | | | | | | | | | | |
| S=1.0H | 0.3/-0.4 | | | | | 0.3/-0.4 | | | | |
| S=1.5H | 0.6/-0.9 | | | | | 0.6/-0.8 | | | | |
| S=2.0H | 0.5/-0.8 | | | | | 0.5/-0.8 | | | | |
| Reduced UGR Table: | | | | | | | | | | |
| Nordic Standard Table: | BKO | | | | | BKO | | | | |
| Correction Value | 7.5 | | | | | 7.5 | | | | |

le is calculated according to the document STD.CIE 117-1995

IES Indoor Report
Photometric Filename:LG-7001.IES

Candela Tabulation

| V/H | C0.0 | C30.0 | C60.0 | C90.0 | C120.0 | C150.0 | C180.0 | C210.0 | C240.0 | C270.0 | C300.0 | C330.0 |
|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| γ 0.0 | 307.96 | 307.96 | 307.96 | 307.96 | 307.96 | 307.96 | 307.96 | 307.96 | 307.96 | 307.96 | 307.96 | 307.96 |
| γ 5.0 | 286.61 | 286.81 | 290.90 | 287.90 | 284.11 | 281.96 | 271.63 | 268.53 | 262.30 | 282.11 | 286.00 | 285.07 |
| γ 10.0 | 253.76 | 254.32 | 255.15 | 237.39 | 223.58 | 212.42 | 197.04 | 192.66 | 188.71 | 220.01 | 236.04 | 245.87 |
| γ 15.0 | 201.66 | 206.24 | 203.55 | 181.23 | 166.54 | 152.77 | 130.00 | 120.14 | 111.43 | 139.06 | 159.79 | 177.94 |
| γ 20.0 | 125.30 | 137.04 | 142.86 | 120.54 | 103.12 | 86.40 | 67.71 | 60.49 | 57.36 | 70.82 | 84.54 | 98.71 |
| γ 25.0 | 65.25 | 74.28 | 80.21 | 64.42 | 53.40 | 44.13 | 34.08 | 31.44 | 30.03 | 41.24 | 47.76 | 54.23 |
| γ 30.0 | 35.10 | 37.24 | 38.71 | 25.85 | 18.81 | 15.98 | 13.43 | 12.76 | 12.40 | 15.85 | 20.39 | 26.06 |
| γ 35.0 | 13.18 | 14.28 | 14.41 | 11.29 | 10.01 | 9.33 | 8.66 | 8.44 | 8.36 | 8.82 | 9.92 | 10.83 |
| γ 40.0 | 8.59 | 9.00 | 9.13 | 7.99 | 7.67 | 7.35 | 7.00 | 6.96 | 6.76 | 6.78 | 7.39 | 7.90 |
| γ 45.0 | 6.78 | 7.24 | 7.24 | 6.63 | 6.62 | 6.46 | 6.13 | 6.12 | 6.01 | 5.97 | 6.30 | 6.62 |
| γ 50.0 | 6.02 | 6.30 | 6.29 | 5.86 | 6.01 | 5.92 | 5.64 | 5.63 | 5.61 | 5.59 | 5.79 | 6.00 |
| γ 55.0 | 5.46 | 5.72 | 5.82 | 5.50 | 5.66 | 5.65 | 5.36 | 5.31 | 5.38 | 5.41 | 5.52 | 5.54 |
| γ 60.0 | 5.29 | 5.30 | 5.45 | 5.30 | 5.49 | 5.34 | 5.13 | 5.07 | 5.19 | 5.19 | 5.29 | 5.32 |
| γ 65.0 | 5.23 | 5.12 | 5.26 | 5.11 | 5.34 | 5.16 | 5.08 | 4.99 | 5.08 | 5.16 | 5.15 | 5.20 |
| γ 70.0 | 5.04 | 4.97 | 5.10 | 5.04 | 5.15 | 5.15 | 5.03 | 4.87 | 5.06 | 5.10 | 5.09 | 5.11 |
| γ 75.0 | 5.05 | 4.95 | 4.98 | 5.02 | 5.17 | 5.12 | 5.06 | 4.85 | 5.03 | 5.16 | 5.10 | 5.06 |
| γ 80.0 | 5.07 | 4.88 | 4.96 | 4.99 | 5.20 | 5.15 | 5.05 | 4.87 | 5.09 | 5.11 | 5.09 | 5.13 |
| γ 85.0 | 5.06 | 4.89 | 5.03 | 5.04 | 5.12 | 5.16 | 5.07 | 4.85 | 5.10 | 5.14 | 5.16 | 5.07 |
| γ 90.0 | 5.05 | 4.91 | 4.97 | 5.01 | 5.13 | 5.18 | 5.03 | 4.87 | 5.03 | 5.11 | 5.10 | 5.10 |
| γ 95.0 | 5.10 | 4.88 | 4.98 | 5.05 | 5.20 | 5.14 | 5.01 | 4.91 | 5.12 | 5.10 | 5.15 | 5.09 |
| γ 100.0 | 5.08 | 4.90 | 4.91 | 5.09 | 5.14 | 5.21 | 5.05 | 4.86 | 5.11 | 5.08 | 5.11 | 5.08 |
| γ 105.0 | 5.10 | 4.90 | 4.90 | 5.06 | 5.10 | 5.19 | 5.02 | 4.86 | 5.15 | 5.11 | 5.13 | 5.09 |
| γ 110.0 | 5.12 | 4.90 | 4.98 | 5.07 | 5.14 | 5.18 | 5.09 | 4.89 | 5.13 | 5.12 | 5.14 | 5.14 |
| γ 115.0 | 5.08 | 4.85 | 5.01 | 5.07 | 5.15 | 5.16 | 5.03 | 4.93 | 5.18 | 5.07 | 5.13 | 5.10 |
| γ 120.0 | 5.16 | 4.94 | 4.99 | 5.06 | 5.17 | 5.16 | 5.10 | 5.02 | 5.17 | 5.15 | 5.18 | 5.10 |
| γ 125.0 | 5.12 | 4.95 | 4.98 | 5.12 | 5.22 | 5.18 | 5.09 | 5.04 | 5.21 | 5.18 | 5.19 | 5.14 |
| γ 130.0 | 5.19 | 4.98 | 5.06 | 5.16 | 5.28 | 5.37 | 5.21 | 5.18 | 5.32 | 5.27 | 5.28 | 5.28 |
| γ 135.0 | 5.32 | 5.09 | 5.08 | 5.24 | 5.41 | 5.47 | 5.33 | 5.27 | 5.49 | 5.34 | 5.33 | 5.30 |
| γ 140.0 | 5.41 | 5.14 | 5.23 | 5.45 | 5.56 | 5.55 | 5.51 | 5.46 | 5.61 | 5.50 | 5.43 | 5.41 |
| γ 145.0 | 5.51 | 5.28 | 5.34 | 5.60 | 5.76 | 5.72 | 5.63 | 5.62 | 5.80 | 5.70 | 5.60 | 5.52 |
| γ 150.0 | 5.68 | 5.39 | 5.48 | 5.80 | 5.88 | 5.89 | 5.84 | 5.80 | 6.01 | 5.78 | 5.72 | 5.63 |
| γ 155.0 | 5.83 | 5.59 | 5.64 | 5.97 | 6.03 | 6.08 | 5.99 | 5.99 | 6.10 | 5.91 | 5.88 | 5.84 |
| γ 160.0 | 5.90 | 5.68 | 5.72 | 6.11 | 6.23 | 6.15 | 6.05 | 6.06 | 6.21 | 5.95 | 5.99 | 5.90 |
| γ 165.0 | 5.96 | 5.86 | 5.88 | 6.22 | 6.23 | 6.20 | 6.15 | 6.10 | 6.18 | 6.08 | 6.06 | 6.03 |
| γ 170.0 | 6.07 | 5.89 | 5.92 | 6.21 | 6.26 | 6.25 | 6.10 | 6.08 | 6.19 | 6.10 | 6.12 | 6.10 |
| γ 175.0 | 6.14 | 5.96 | 5.97 | 6.22 | 6.28 | 6.23 | 6.06 | 6.09 | 6.18 | 6.18 | 6.21 | 6.14 |
| γ 180.0 | 6.20 | 6.20 | 6.20 | 6.20 | 6.20 | 6.20 | 6.20 | 6.20 | 6.20 | 6.20 | 6.20 | 6.20 |