

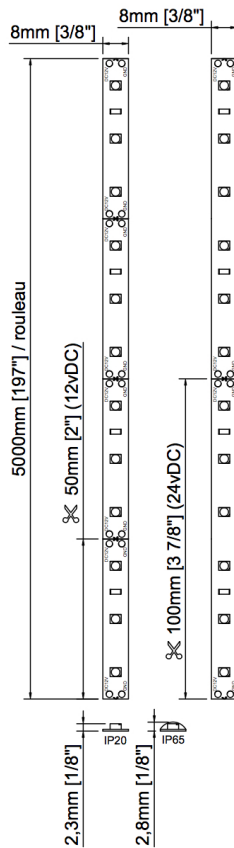
TITANIUM

TECHNOLOGY

TT-3528-L300



- 5m roll of SMD3528 LED Strip in 5 meter roll.



| Voltage | 12vDC | 24vDC |
|---------------|--|---|
| LED/m | 60 / m | |
| Power | 5,8w / m 1,77w / feet 29w / roll | |
| Amperage | 0,49A / m 0,15A / feet 2,42A / roll | 0,25A / m 0,07A / feet 1,21A / roll |
| Lumen | 27K - 38 lm / feet 30K - 45 lm / feet 35K - 51 lm / feet 40K - 37 lm / feet 60K - 35 lm / feet | 28 lm / w 32 lm / w 35 lm / w 28 lm / w 25 lm / w |
| CRI (RA) | 90 | |
| Angle | 120° | |
| Size | IP20 | 10mm x 2,3mm x 5000mm 3/8" x 1/8" x 196 7/8" |
| | IP65 | 10mm x 2,8mm x 5000mm 3/8" x 1/8" x 196 7/8" |
| | IP67 | 13mm x 5mm x 5000mm 1/2" x 3/16" x 196 7/8" |
| Cut line | 50 mm 2" | 100 mm 4" |
| Finish | White | |
| Dimmable | Yes | |
| LED Colour | 27K - Warm white 2700K 30K - Warm white 3000K 35K - Neutral white 3500K 40K - Neutral white 4000K 60K - Cold white 6000K R - Red G - Green B - Blue A - Amber | |
| Working temp. | -40°C ~ 70°C | |
| IP | 20, 65, 67 | |

PRODUCT CODE

| TT | SMD | LED PER ROLL | IP | LED COLOR | VOLTAGE | | | | | |
|----|-----|--------------|----|-----------|---------|----|---|-----|---|-----|
| TT | - | 3528 | - | L300 | - | 20 | - | 27K | - | 24V |
| TT | - | 3528 | - | L300 | - | | - | | - | |

IES Indoor Report

Photometric Filename:TT-3528-L300-3500K-3-Milky LENS.IES

Indoor Luminaire Photometric Data

Description Information

| | | |
|---|---------------------------------|-----------------------------|
| Luminaire Name: TT-3528-L300-3500k-3-Milky lens | Luminaire Catalog: | Test ID: |
| Lamp Name: TT-3528-L300-3500k-3-Milky lens | Lamp Catalog: 2216 | Test Date: 2021/03/18 |
| Manufacture: TITANIUM TECHNOLOGIE | ShieldingAngle(°): | Test Machine: GON-2000 |
| Test Lab: | Frequency(Hz): | Luminaire CCT(K): |
| Luminaire Size(W*L*H): 0.120*0.304*0.060 | Lighting Area(m2): 0.055 | Luminaire Weight(kg): 0.100 |
| Test System: C, γ | Test Step: C=45.0 γ =1.0 | Temperature(°C): 25 |
| | | Humidity(%): |

Character Parameter

| Lamp Speciality Parameter | |
|---|---------------------------------------|
| Lamp Rated Lumens(lm): 448.000 | Lamp Number in Luminaire: 1 |
| Lamp Norminal Power(W): | Lamp Rated Voltage(V): |
| Lamp Tested Power(W): 1.445 | Lamp Tested Voltage(V): 12.3 |
| Lamp Tested Current(A): 0.117 | Lamp Tested PF: |
| Lamp Size(W*L*H): 0.120*0.304*0.060 | |
| Luminaire Speciality | |
| Luminaire Lumens(lm): 4.312 | Beam Angle(10%Imax): 58.4 |
| Luminaire Efficiency: 0.96% | Left=-27.4 Right=31.0 |
| Luminaire EER(lm/W): 2.984 | Field Angle(10%Imax): 79.7 |
| Muximum Cand.(cd): 5.865 | Spacing Criteria S/MH(C0_180): 0.875 |
| Max Cd. Angle(°): C=315.0 γ =1.0 | Spacing Criteria S/MH(C90_270): 0.910 |
| Downward Lumens(lm): 4.312 | CIE Type: Semi-Direct |
| Upward Lumens(lm): 0.000 | ErP ϕ use(90deg): 4.252lm |
| Downward Total Efficiency%: 100.00 | IRF(%): 272.140 |
| Upward Total Efficiency%: 0.00 | |

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2D Light Intensity Distribution Curve

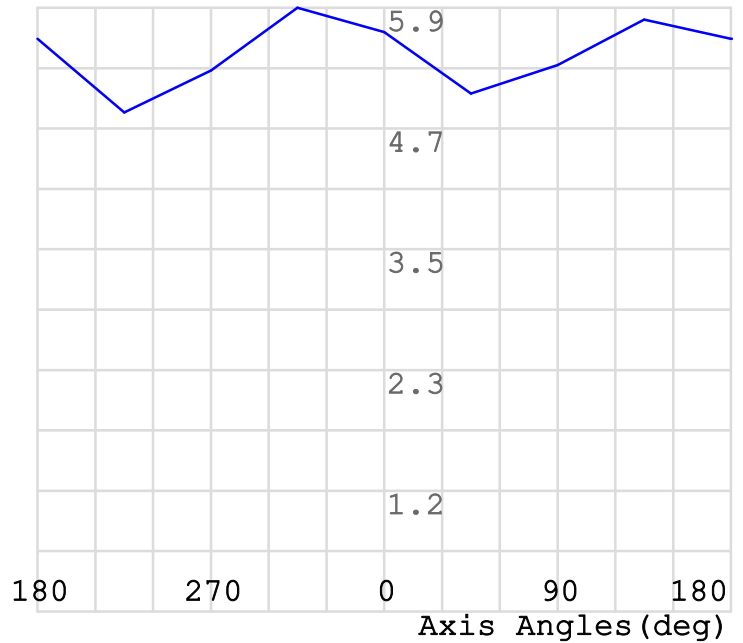
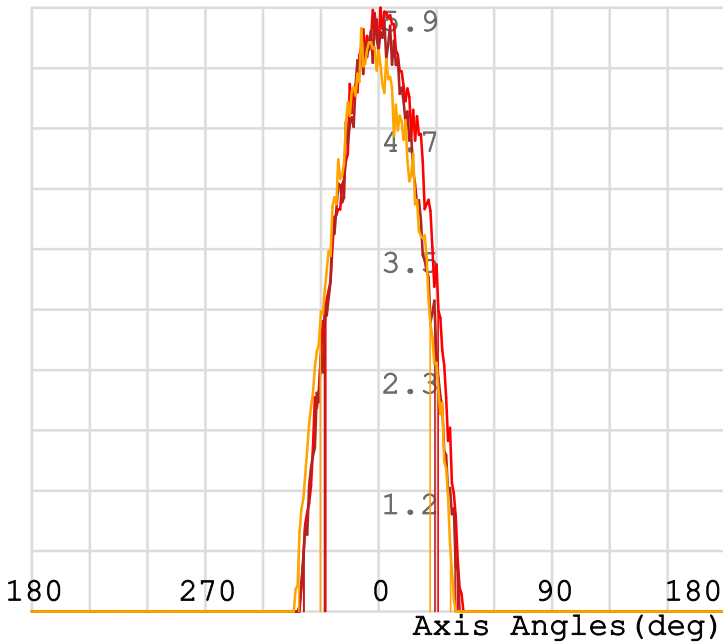
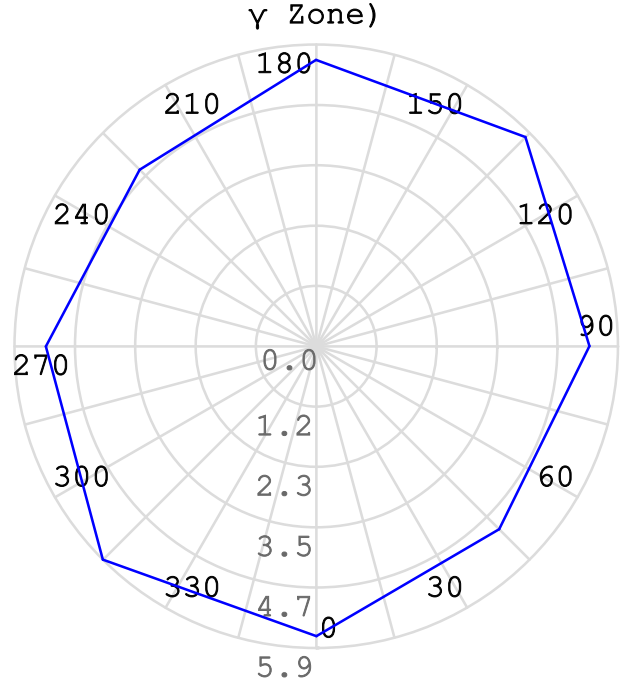
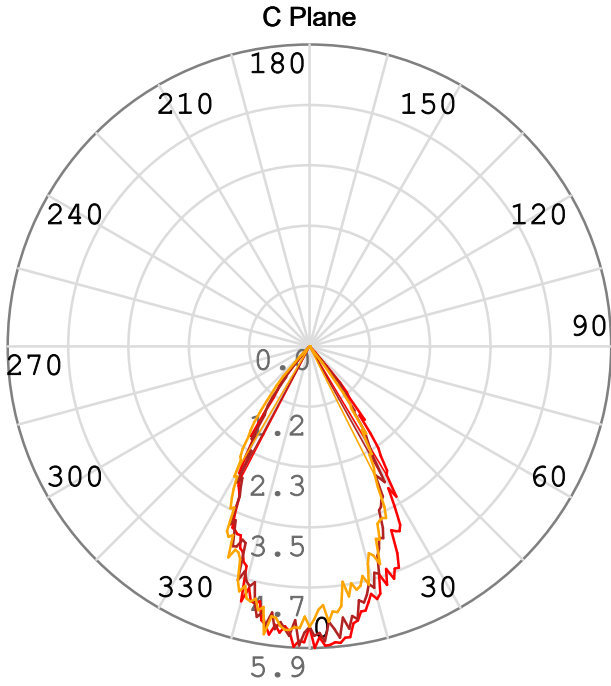
Plane [50%Ang.] [10%Ang.]

C315.0: 58.4 79.7

C0.0: 57.3 78.5

C90.0: 57.1 78.7

Polar Graph

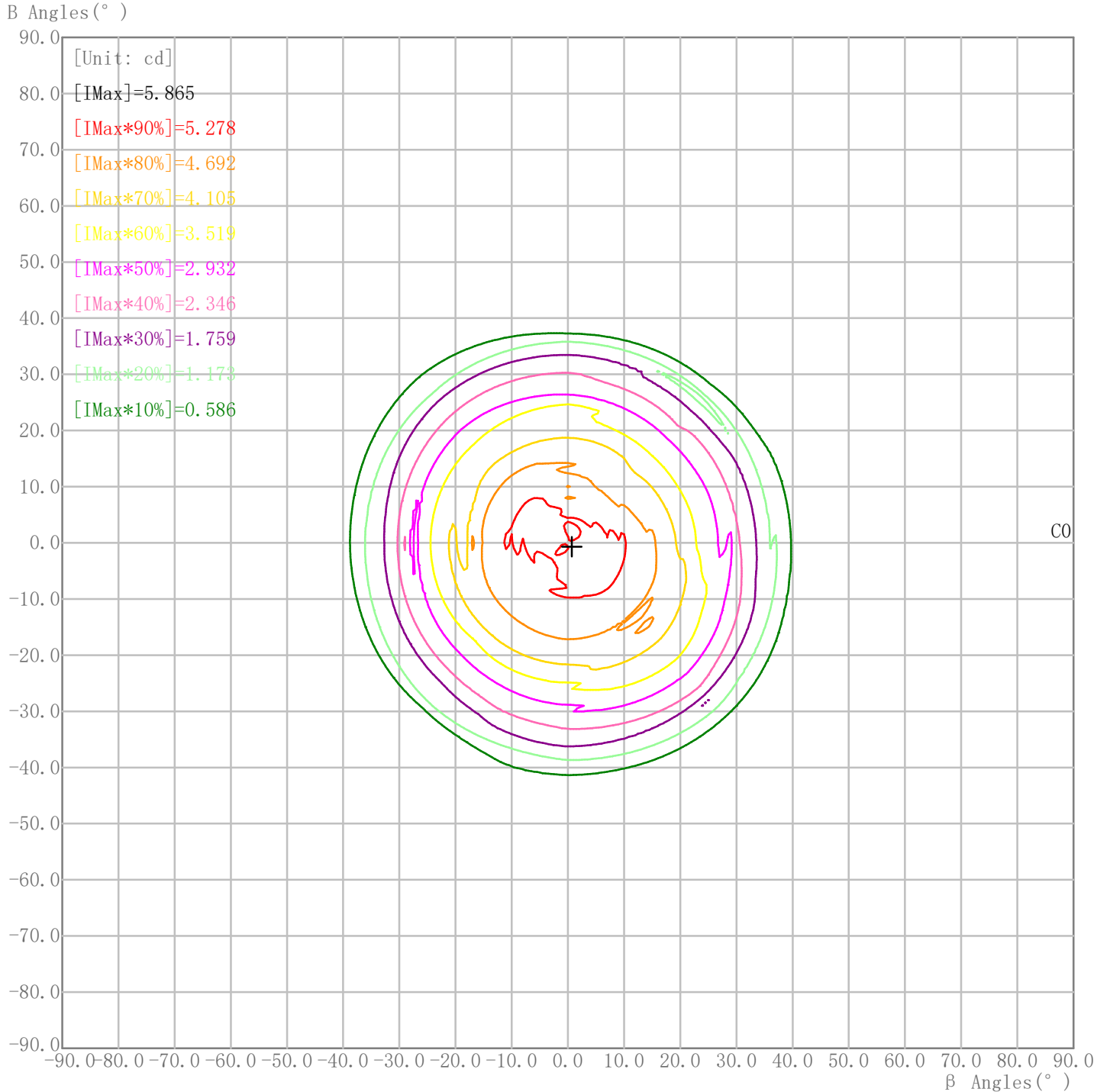


C Plane: C315.0_135.0 ——— C0.0_180.0 ——— C90.0_270.0 ———
 γ Cone: γ1.0 ———

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Rectangle ISO Light Intensity Curve



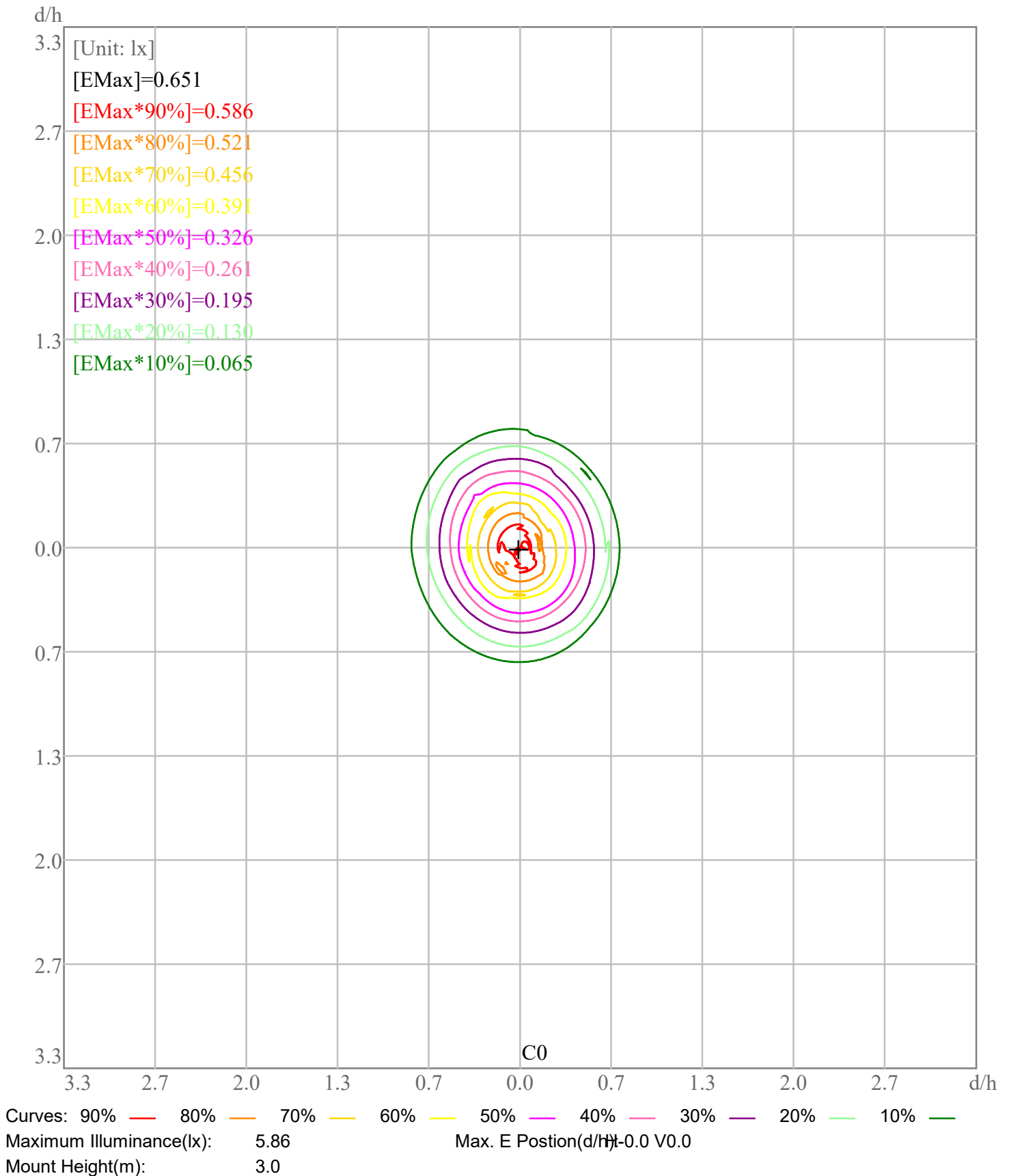
Curves: 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —

Maximum Light Intensity(cd): 5.86 Maximum Cd. Angles: H0.7 V-0.7

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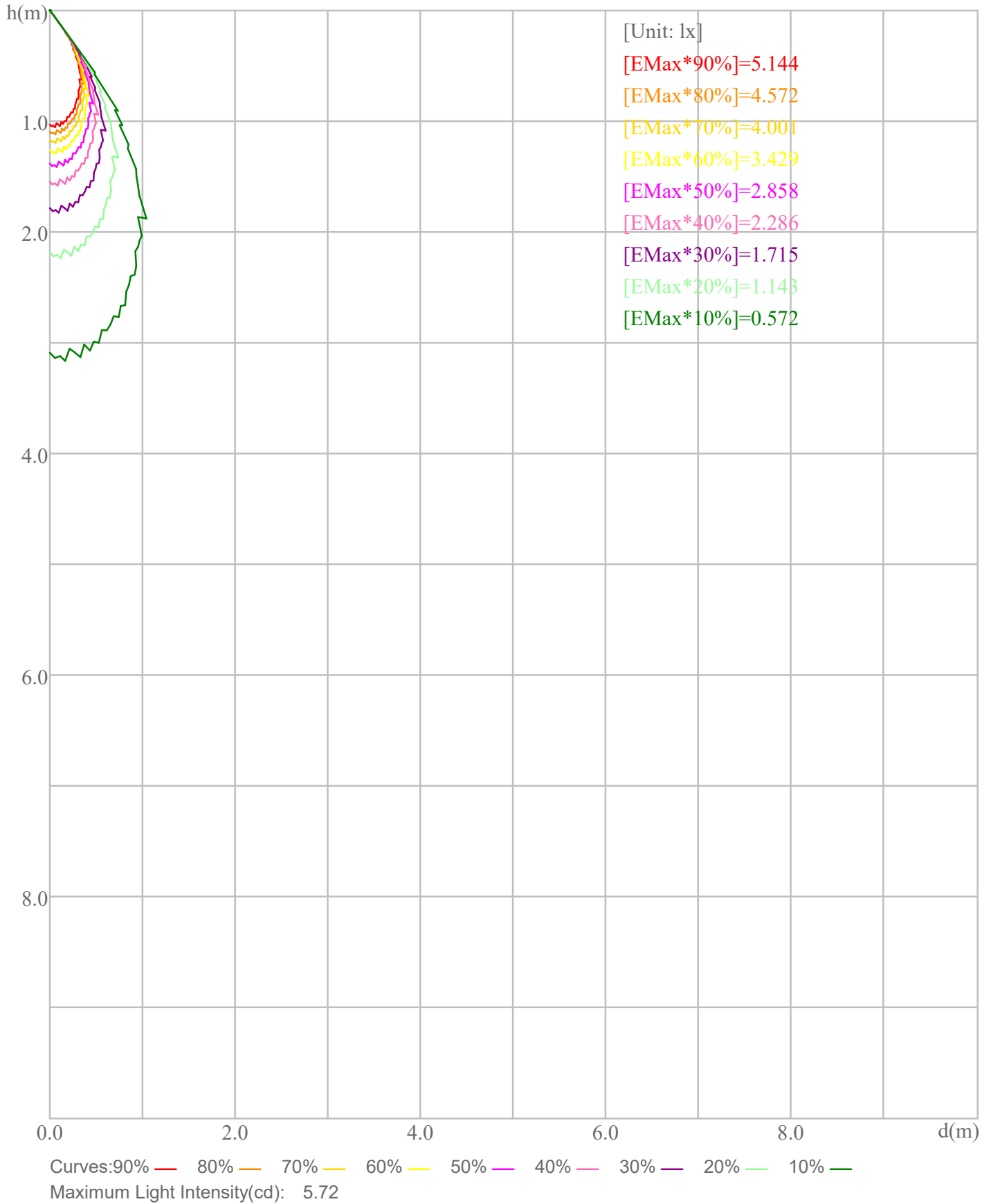
Plane ISO-Illuminance Curve



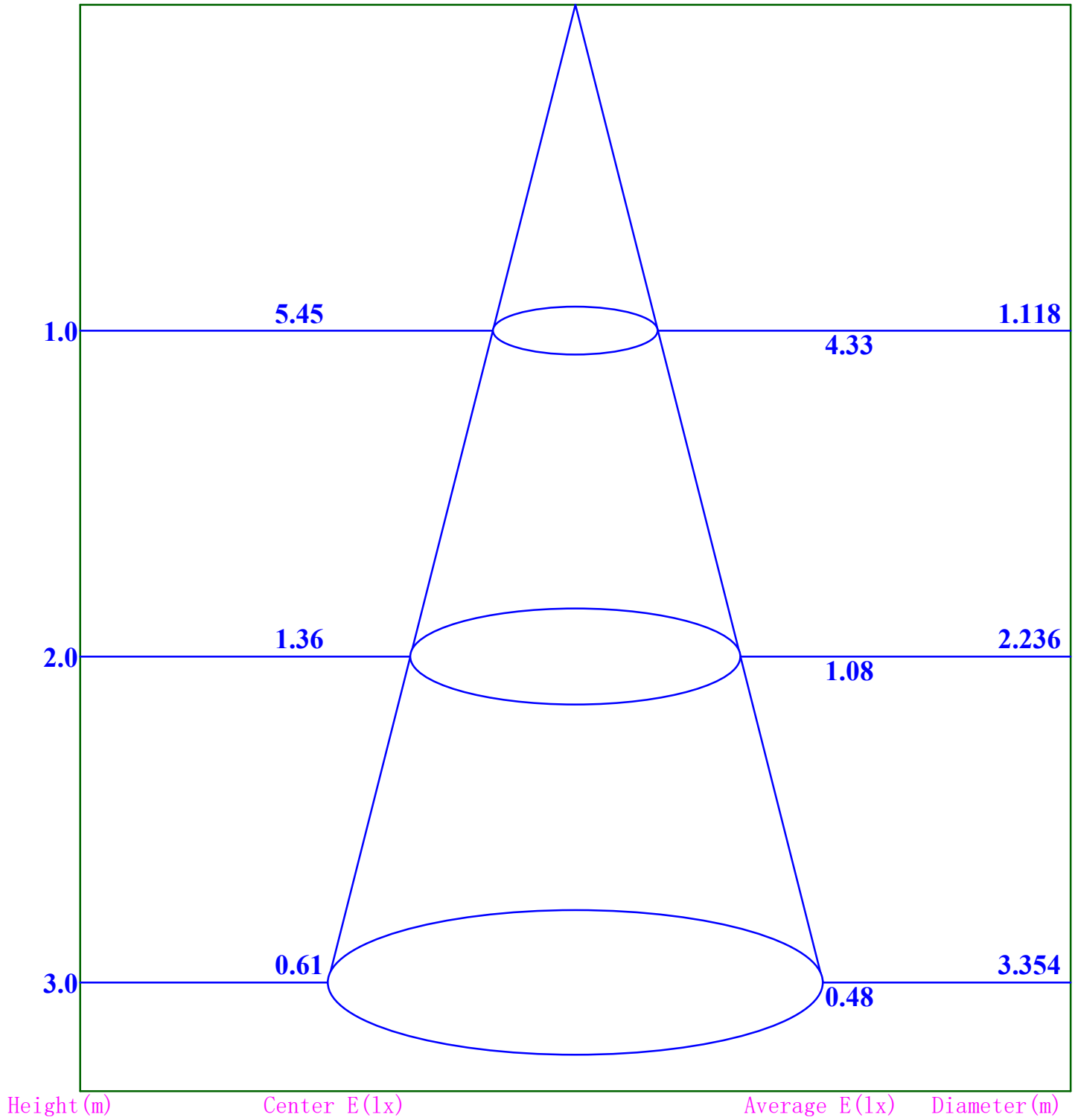
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Space ISO Illuminance Curve



Illuminance-Distance Curve



Beam Angle:58.4

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Indoor Luminance Limiting Curve

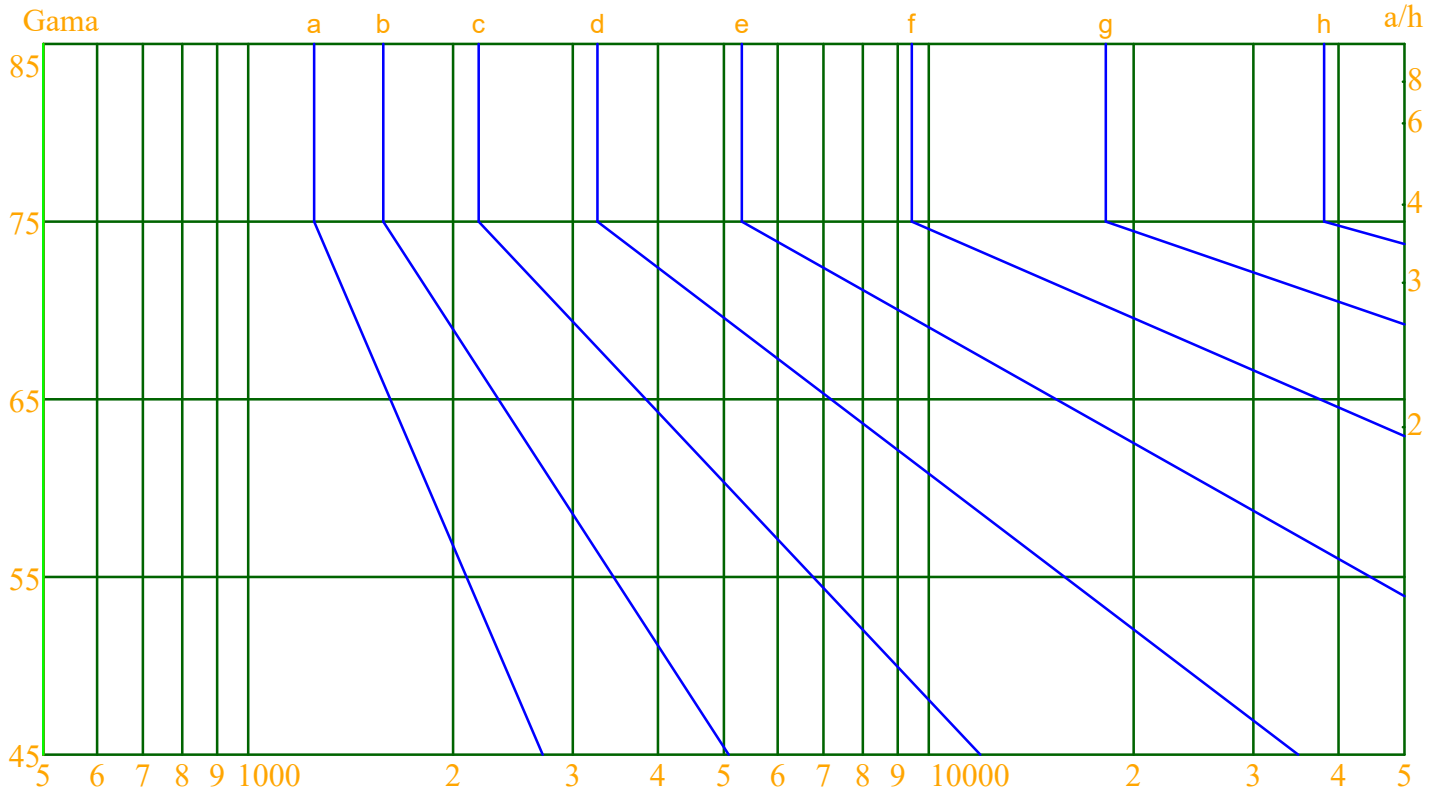
Glare Grade Table

| 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 | | | | | 2000 | 1000 | 500 | <=300 |
| | | a | 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

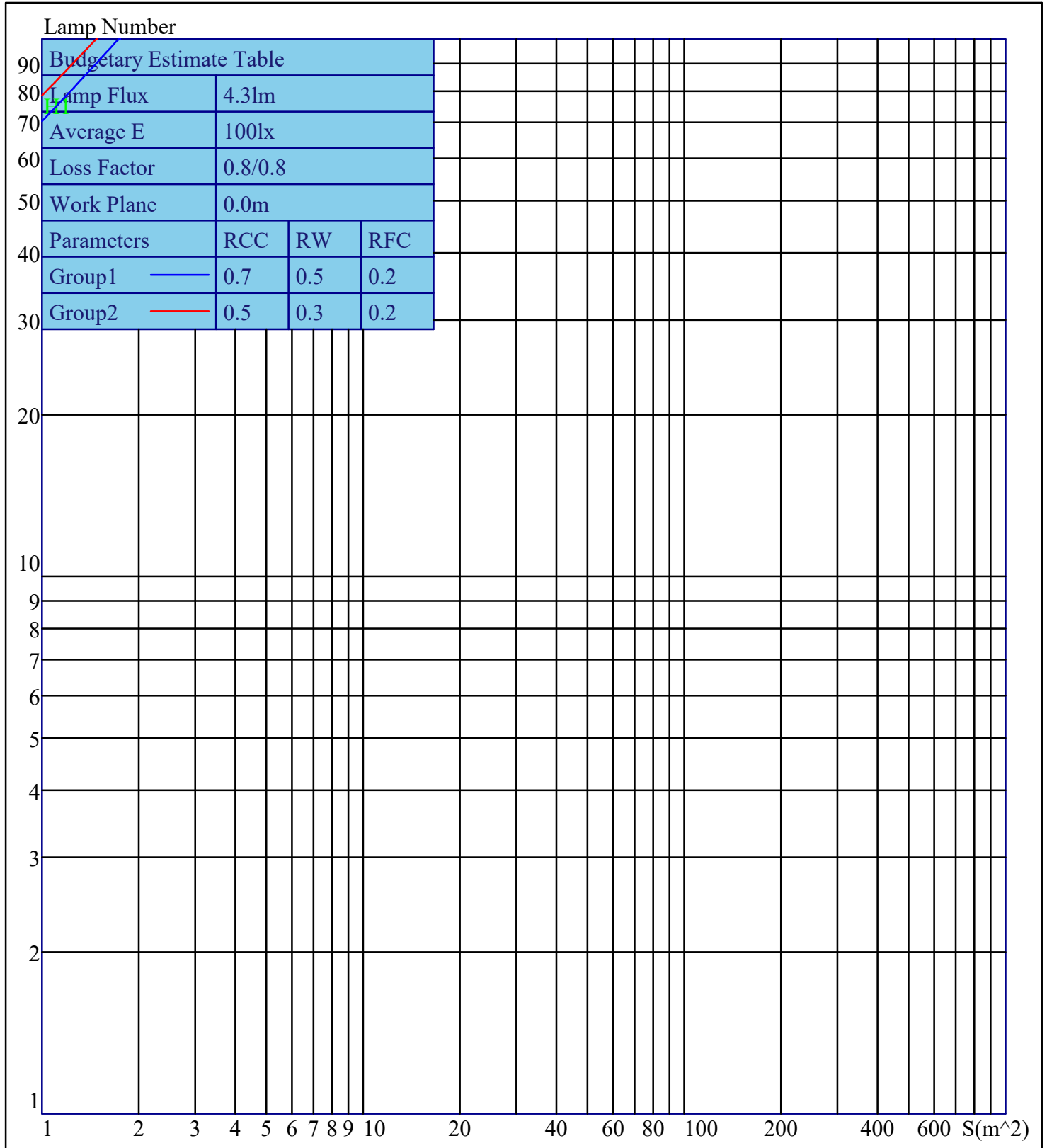


Luminous Size: Length(m)=0.304 Width(m)=0.120 Height(m)=0.060 Area(m²)=0.054720
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

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Indoor Budgetary Estimate Table



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