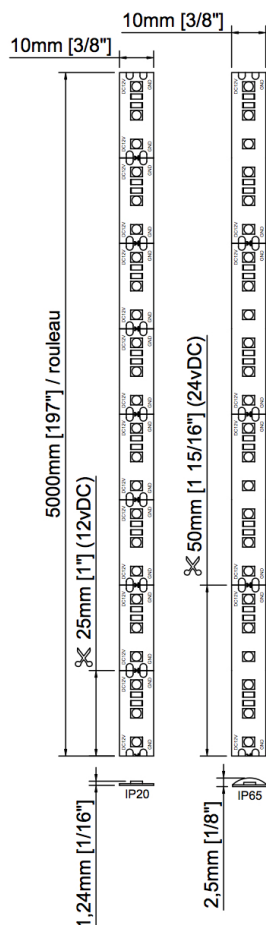


TITANIUM

TECHNOLOGIE

TT-2835-L600



| | | |
|----------------------|--|---|
| Tension | 12vDC | 24vDC |
| DEL/m | 120 / m | |
| Puissance | 16,4w / m 5w / pied 82w / rouleau | |
| Ampérage | 1,37A / m 0,42A / pied 6,84A / rouleau | 0,69A / m 0,21A / pied 3,42A / rouleau |
| Lumens | 27K - 243 lm/ pied 30K - 221 lm/ pied 35K - 246 lm/ pied 40K - 218 lm/ pied 60K - 245 lm/ pied | 61 lm/ w 49 lm/ w 57 lm/ w 51 lm/ w - |
| IRC (RA) | 90 | |
| Angle | 120° | |
| Dimension | IP20 | 10mm x 1,25mm x 5000mm 3/8" x 1/16" x 1967/8" |
| | IP65 | 10mm x 2,5mm x 5000mm 3/8" x 1/8" x 1967/8" |
| | IP67 | 13mm x 5mm x 5000mm 1/2" x 3/16" x 1967/8" |
| Ligne de coupe | 25 mm 1" | 50 mm 2" |
| Finition | Blanc | |
| Gradable | Oui | |
| Couleur DEL | 27K - Blanc chaud 2700K 30K - Blanc chaud 3000K 35K - Blanc neutre 3500K 40K - Blanc neutre 4000K 60K - Blanc froid 6000K R - Rouge G - Vert B - Bleu CB - Bleu IRCstal A - Ambre O - Orange P - Rose UV - UV 395~400nm RGB - Couleurs mixtes 3:1 | |
| Temp. fonctionnement | -40°C ~ 70°C | |
| IP | 20, 65, 67 | |

CODE PRODUIT

| | | | | | | | | | | |
|----|---|------|---|-----------------|---|----|---|-------------|---|---------|
| TT | - | SMD | - | DEL PAR ROULEAU | - | IP | - | COULEUR DEL | - | TENSION |
| TT | - | 2835 | - | L600 | - | 20 | - | 27K | - | 24V |
| TT | - | 2835 | - | L600 | - | | - | | - | |

IES Indoor Report

Photometric Filename:TT-2835-L600-4000K-3-Milky LENS.IES

Indoor Luminaire Photometric Data

Description Information

| | | |
|---|---------------------------------|-----------------------------|
| Luminaire Name: TT-2835-L600-4000k-3-Milky-lens | Luminaire Catalog: | Test ID: |
| Lamp Name: TT-2835-L600-4000k-3-Milky-lens | Lamp Catalog: 2835 | Test Date: 2021/03/20 |
| 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): 4.211 | Lamp Tested Voltage(V): 12.0 |
| Lamp Tested Current(A): 0.351 | Lamp Tested PF: |
| Lamp Size(W*L*H): 0.120*0.304*0.060 | |
| Luminaire Speciality | |
| Luminaire Lumens(lm): 76.453 | Beam Angle(10%Imax): 96.2 |
| Luminaire Efficiency: 17.07% | Left=-45.2 Right=51.1 |
| Luminaire EER(lm/W): 18.156 | Field Angle(10%Imax): 136.4 |
| Muximum Cand.(cd): 36.355 | Spacing Criteria S/MH(C0_180): 1.166 |
| Max Cd. Angle(°): C=270.0 γ =2.0 | Spacing Criteria S/MH(C90_270): 1.185 |
| Downward Lumens(lm): 76.453 | CIE Type: Semi-Direct |
| Upward Lumens(lm): 0.000 | ErP ϕ use(120deg): 69.880lm |
| Downward Total Efficiency%: 100.00 | IRF(%): 123.896 |
| Upward Total Efficiency%: 0.00 | |

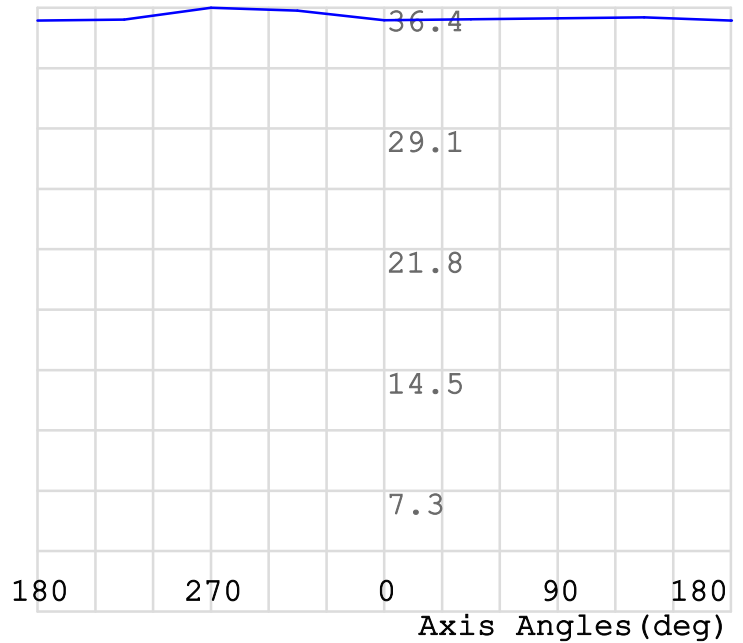
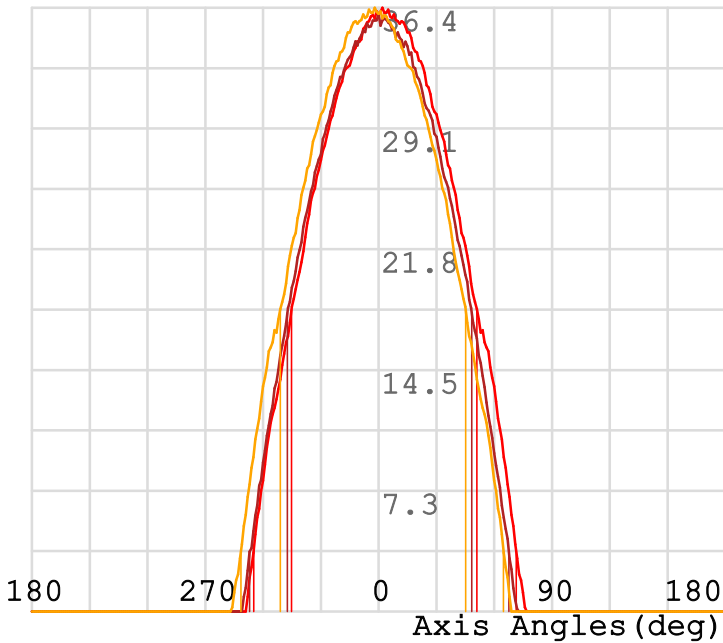
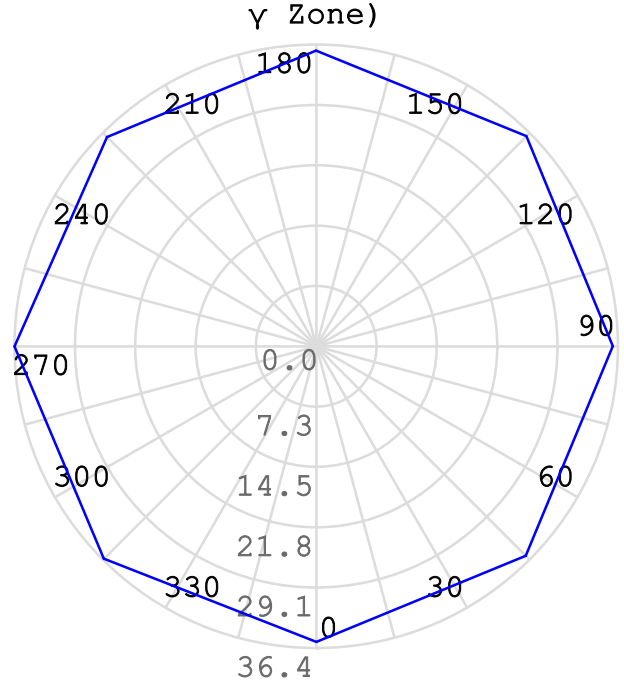
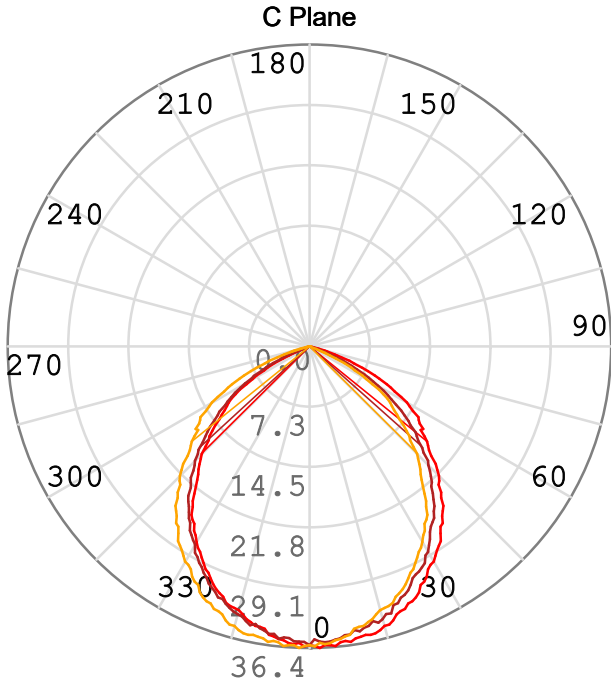
IES Indoor Report

Photometric Filename: TT-2835-L600-4000K-3-Milky LENS.IES

2D Light Intensity Distribution Curve

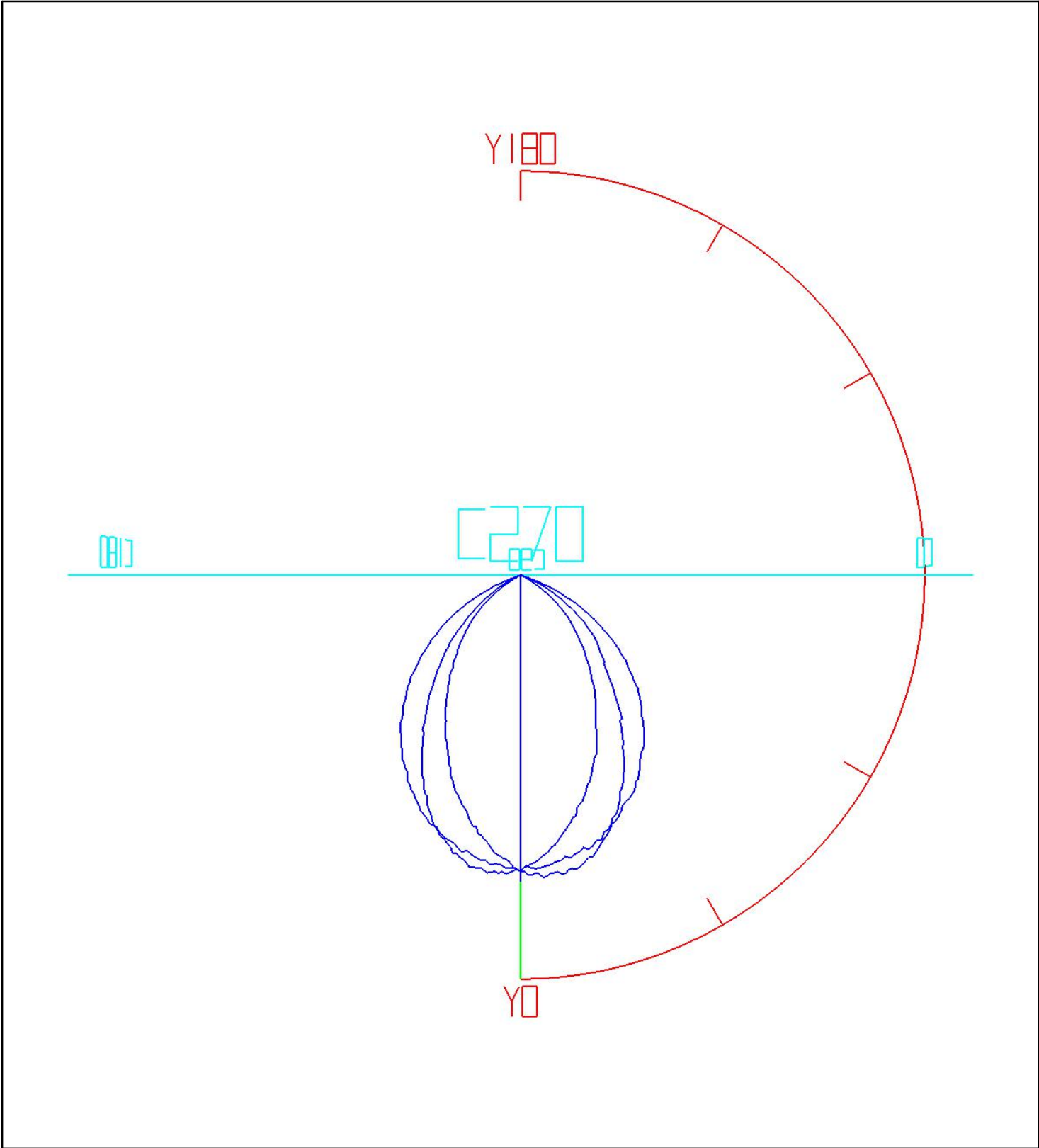
| Plane | [50%Ang.] | [10%Ang.] |
|---------|-----------|-----------|
| C270.0: | 96.2 | 136.4 |
| C0.0: | 95.6 | 134.7 |
| C90.0: | 96.2 | 136.4 |

Polar Graph



| | | | | | | |
|----------|-------------|-------------------------------------|------------|-------------------------------------|-------------|---------------------------------------|
| C Plane: | C270.0_90.0 | — | C0.0_180.0 | — | C90.0_270.0 | — |
| γ Cone: | γ2.0 | — | | | | |

3D Light Intensity Distribution Curve

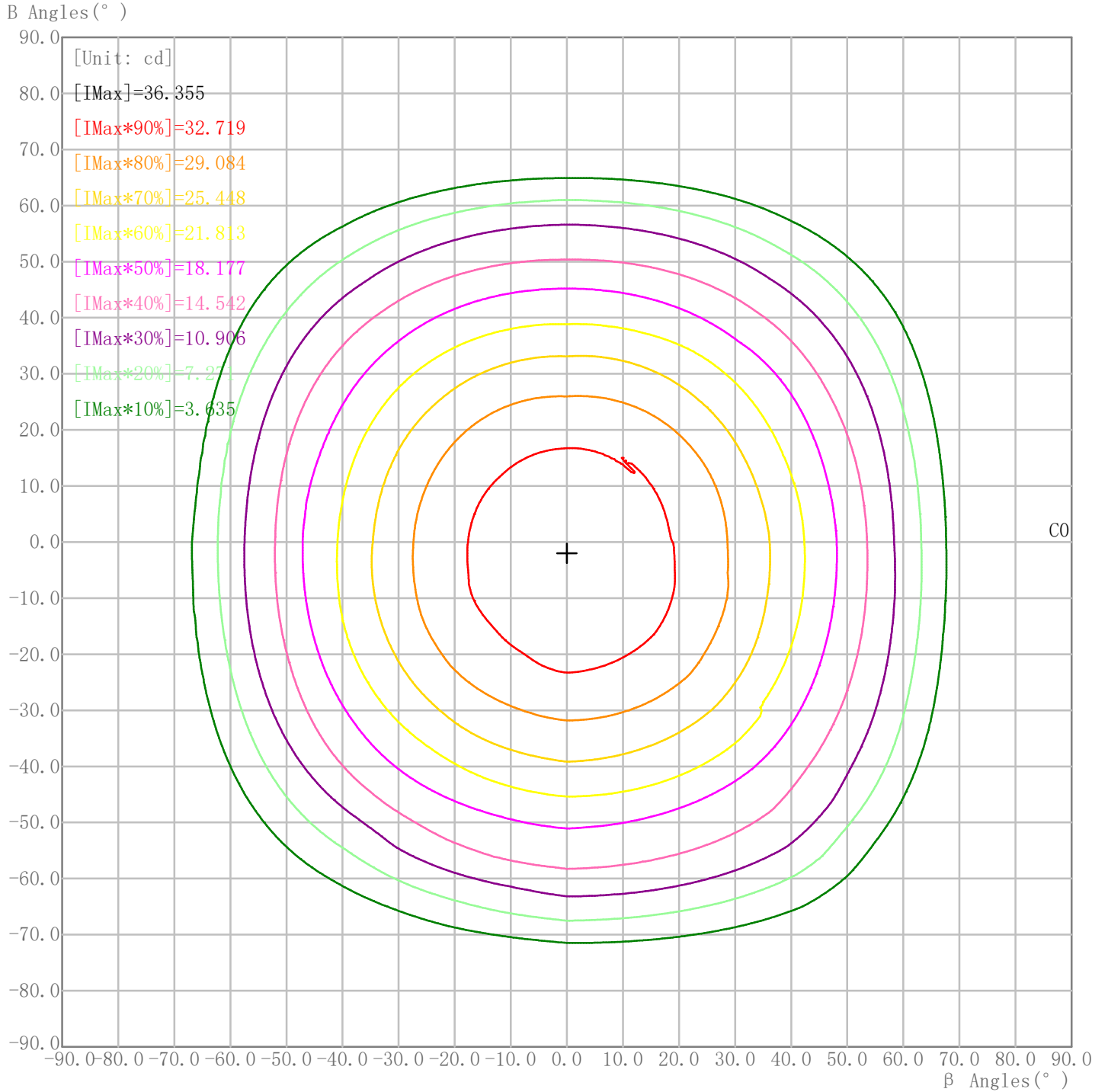


Curves: 3D Model ——— Fixture ——— Vert. HUD ——— Hori. HUD ———
View Angles: Orient:0 Tilt:0 Roll:0 Spin:0

IES Indoor Report

Photometric Filename: TT-2835-L600-4000K-3-Milky LENS.IES

Rectangle ISO Light Intensity Curve

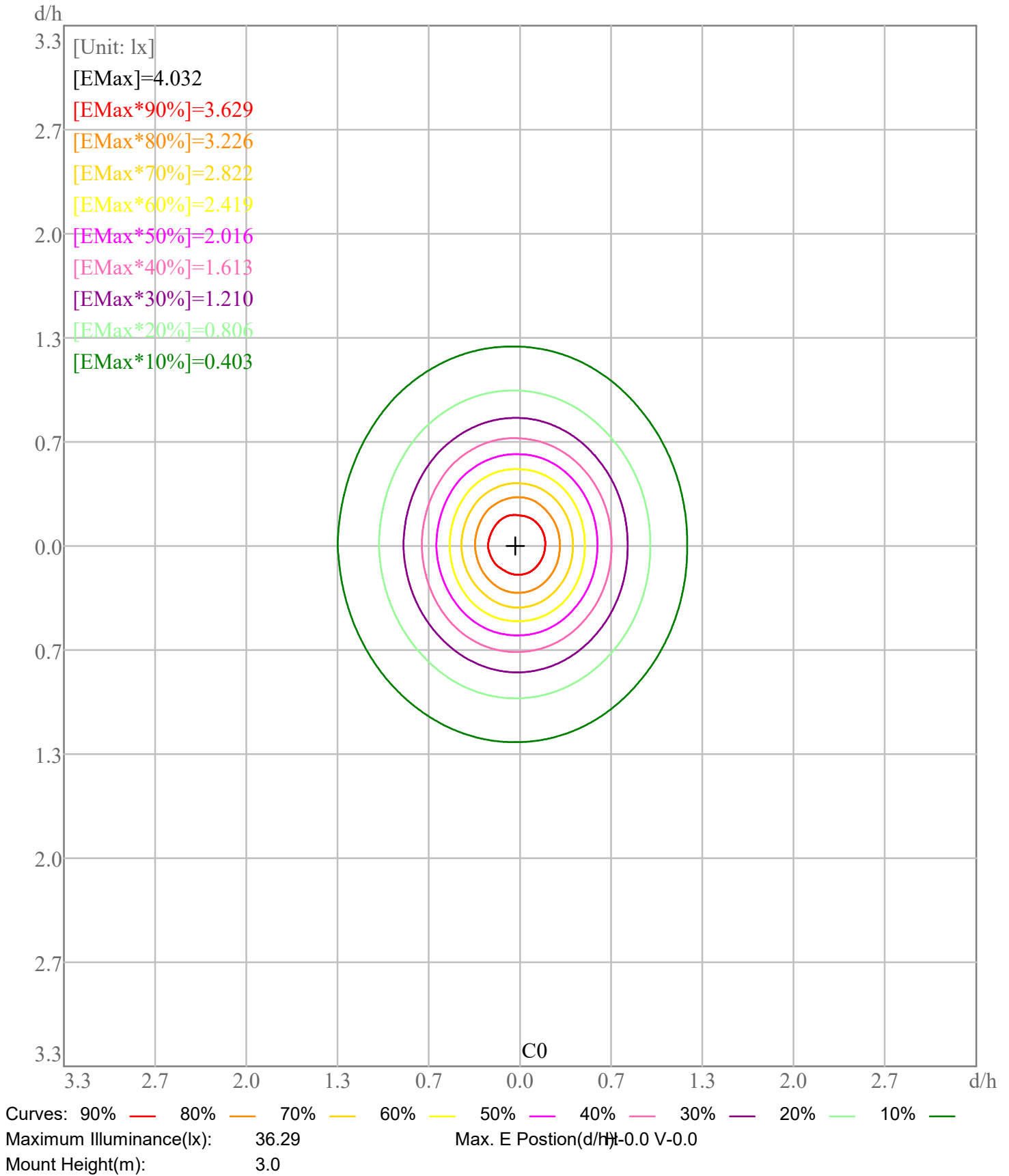


Curves: 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
Maximum Light Intensity(cd): 36.35 Maximum Cd. Angles: H-0.0 V-2.0

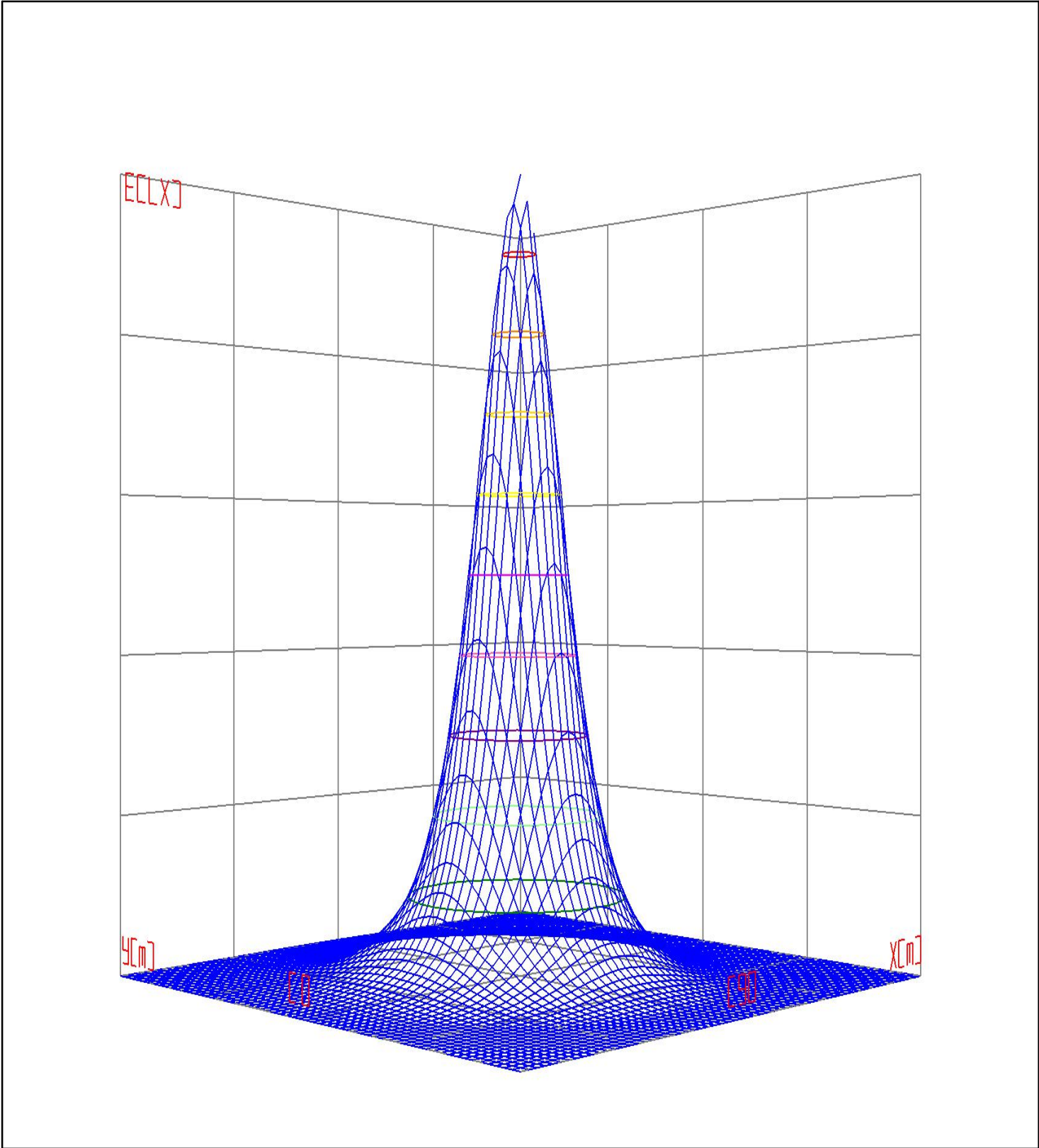
IES Indoor Report

Photometric Filename: TT-2835-L600-4000K-3-Milky LENS.IES

Plane ISO-Illuminance Curve



3D Plane ISO Illuminance Curve

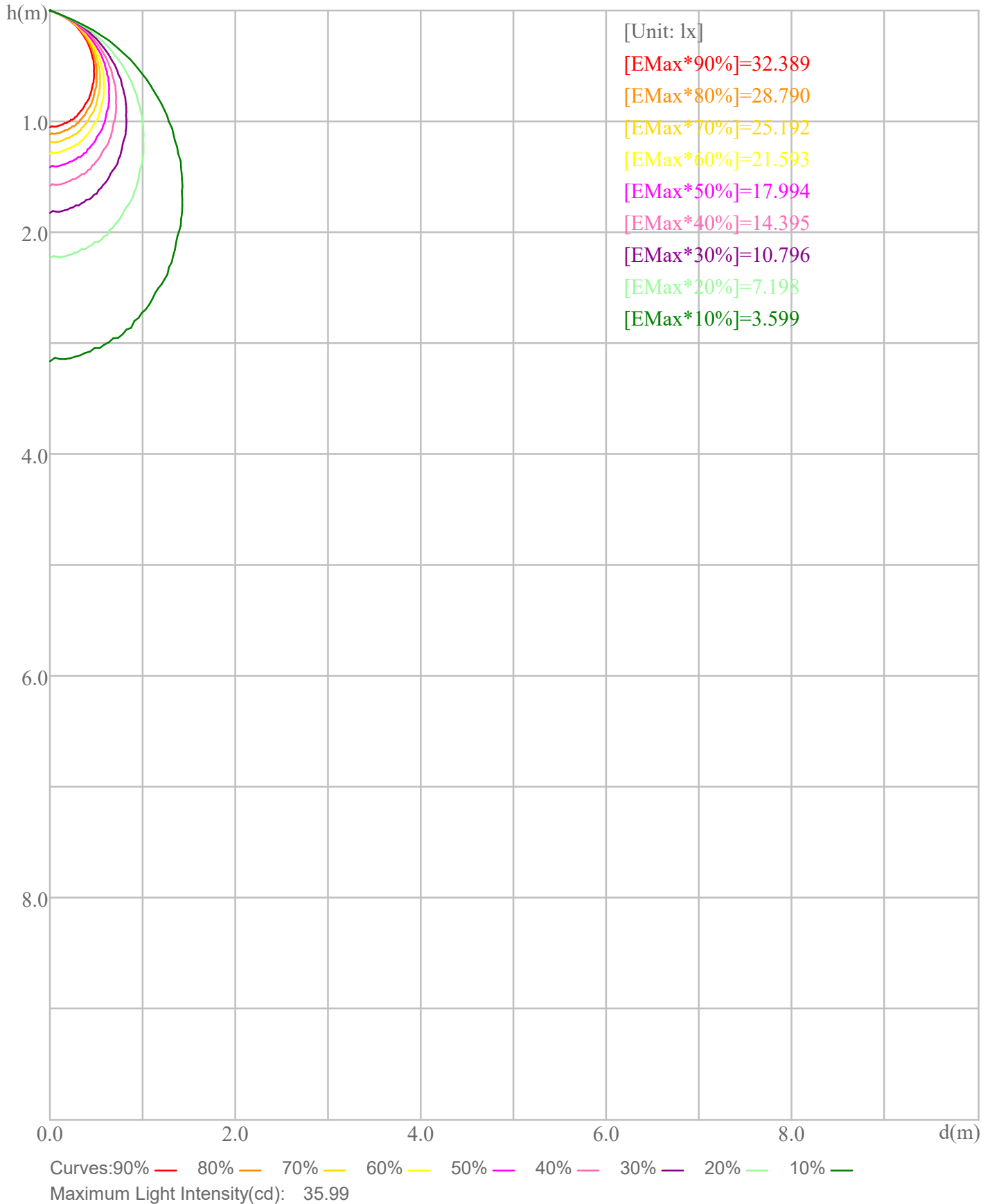


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

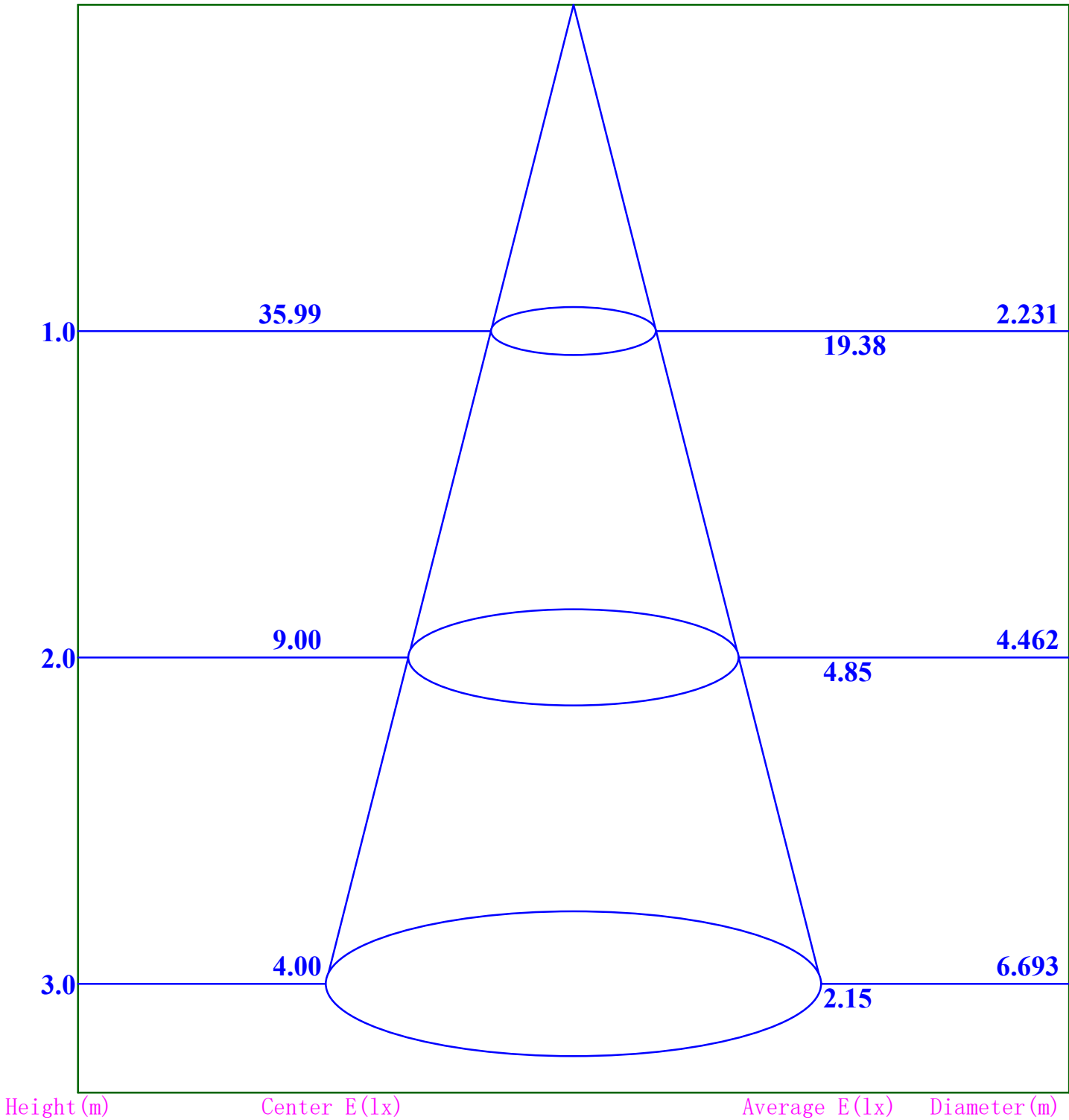
IES Indoor Report

Photometric Filename: TT-2835-L600-4000K-3-Milky LENS.IES

Space ISO Illuminance Curve



Illuminance-Distance Curve



Beam Angle:96.2

IES Indoor Report

Photometric Filename:TT-2835-L600-4000K-3-Milky LENS.IES

Indoor Luminance Limiting Curve

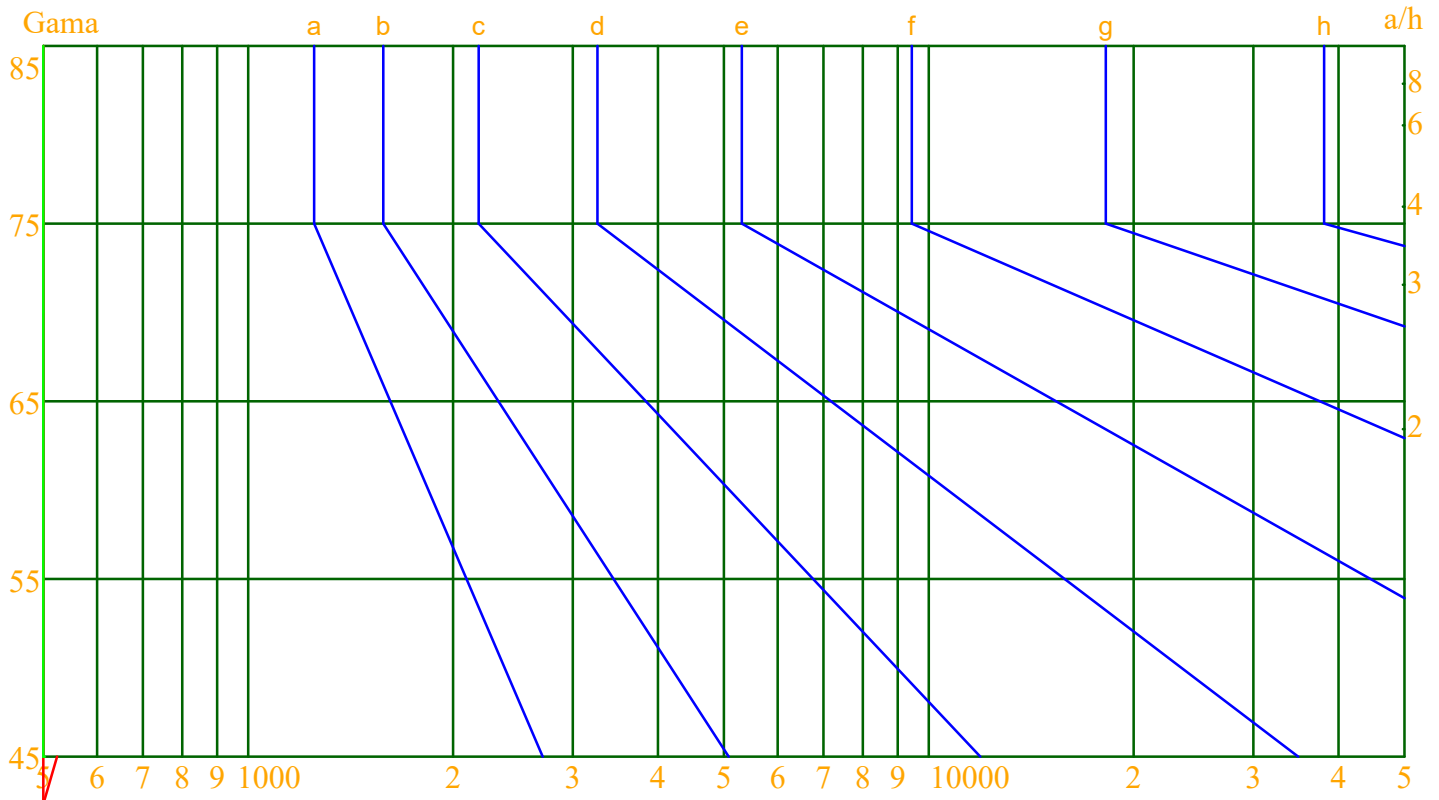
Glare Grade Table

| 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 | 524 | 480 | 430 | 349 | 244 | 75 | 0 | 0 | 0 |
| C90 | 474 | 422 | 378 | 288 | 152 | 0 | 0 | 0 | 0 |

Luminance Limiting Curve

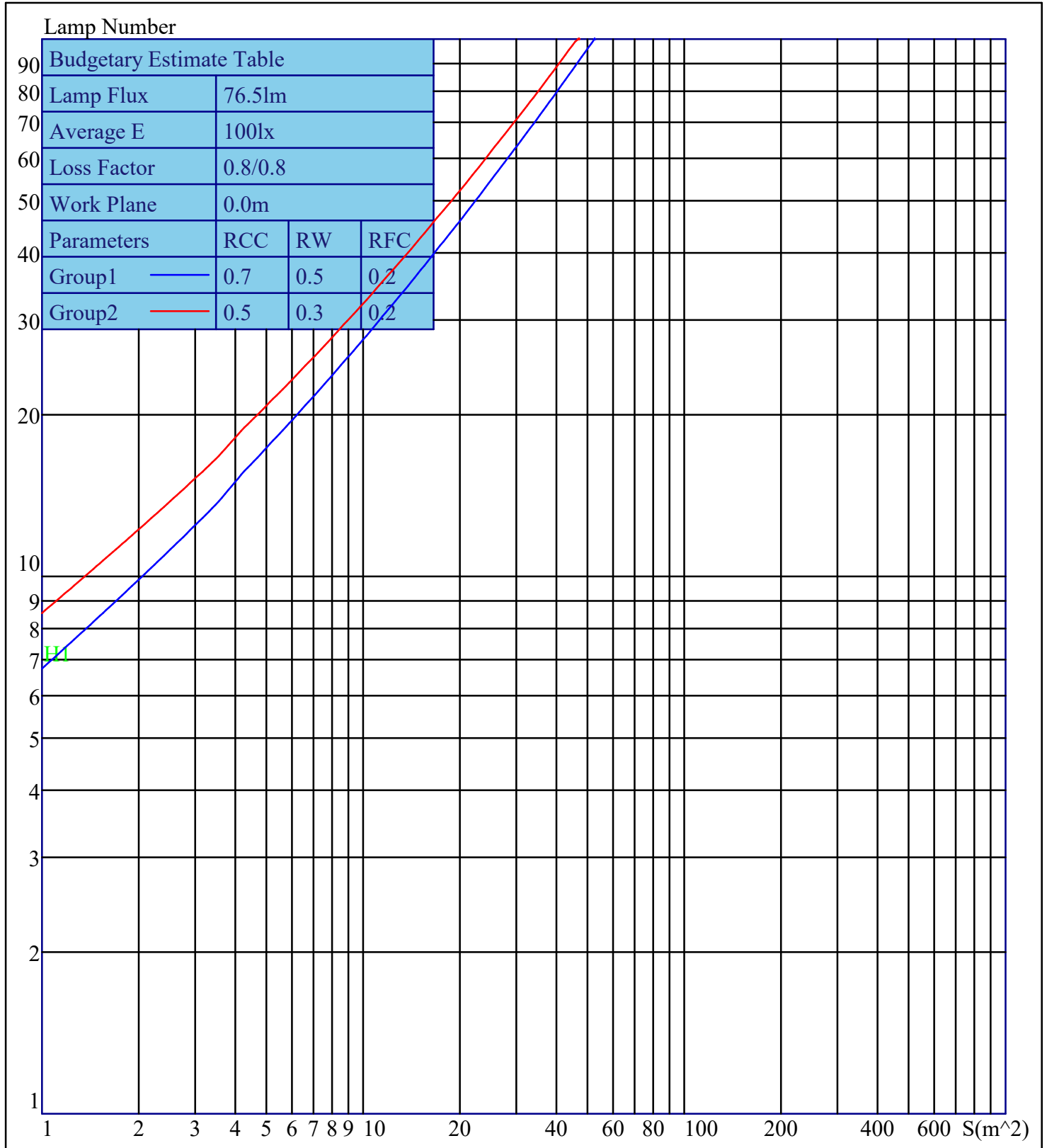


Luminous Size: Length(m)=0.304 Width(m)=0.120 Height(m)=0.060 Area(m²)=0.054720
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename: TT-2835-L600-4000K-3-Milky LENS.IES

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