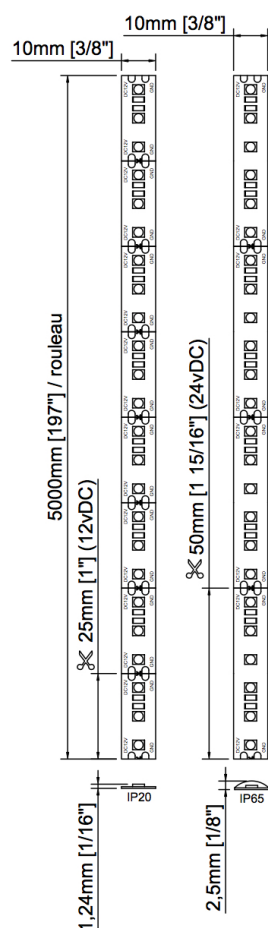


# TITANIUM

TECHNOLOGIE

TT-2835-L600



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

## 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-L600-3000K-2-Frosted LENS.IES

## Indoor Luminaire Photometric Data

### Description Information

|   |                                 |                             |
|---|---------------------------------|-----------------------------|
| Luminaire Name: TT-2835-L600-3000k-2-Frosted-lens | Luminaire Catalog:              | Test ID:                    |
| Lamp Name: TT-2835-L600-3000k-2-Frosted-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, $\gamma$                          | Test Step: C=45.0 $\gamma$ =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): 4.260             | Lamp Tested Voltage(V): 12.1          |
| 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): 133.928           | Beam Angle(10%Imax): 93.9             |
| Luminaire Efficiency: 29.89%            | Left=-46.5 Right=47.4                 |
| Luminaire EER(lm/W): 31.439             | Field Angle(10%Imax): 139.1           |
| Muximum Cand.(cd): 63.937               | Spacing Criteria S/MH(C0_180): 1.138  |
| Max Cd. Angle(°): C=270.0 $\gamma$ =1.0 | Spacing Criteria S/MH(C90_270): 1.158 |
| Downward Lumens(lm): 133.928            | CIE Type: Semi-Direct                 |
| Upward Lumens(lm): 0.000                | ErP $\phi$ use(120deg): 120.930lm     |
| Downward Total Efficiency%: 100.00      | IRF(%): 128.071                       |
| Upward Total Efficiency%: 0.00          |                                       |

# IES Indoor Report

Photometric Filename: TT-2835-L600-3000K-2-Frosted LENS.IES

## 2D Light Intensity Distribution Curve

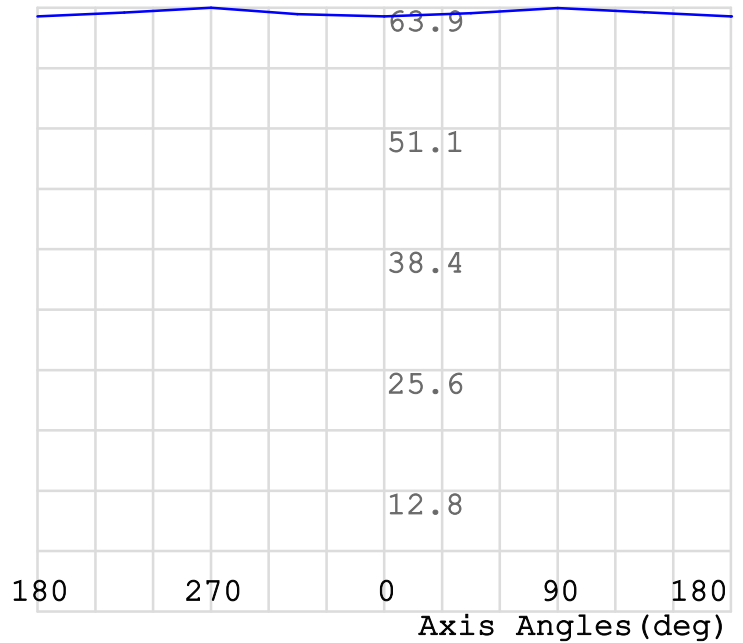
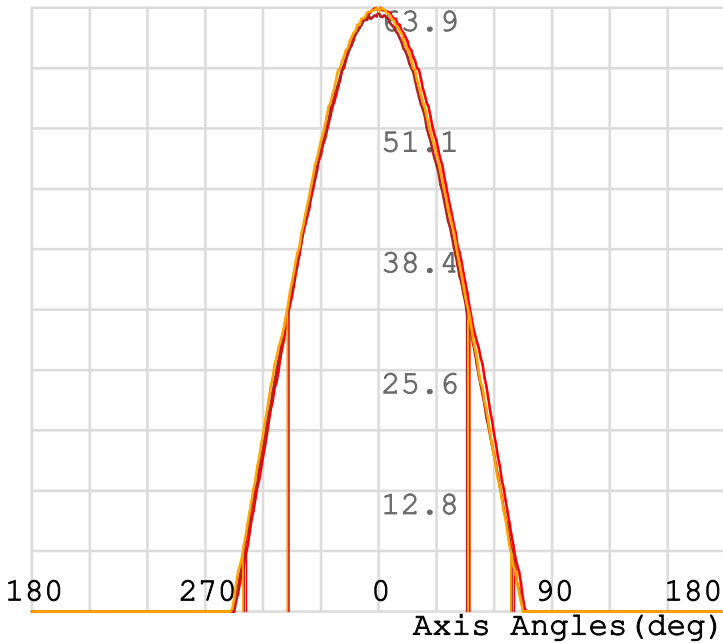
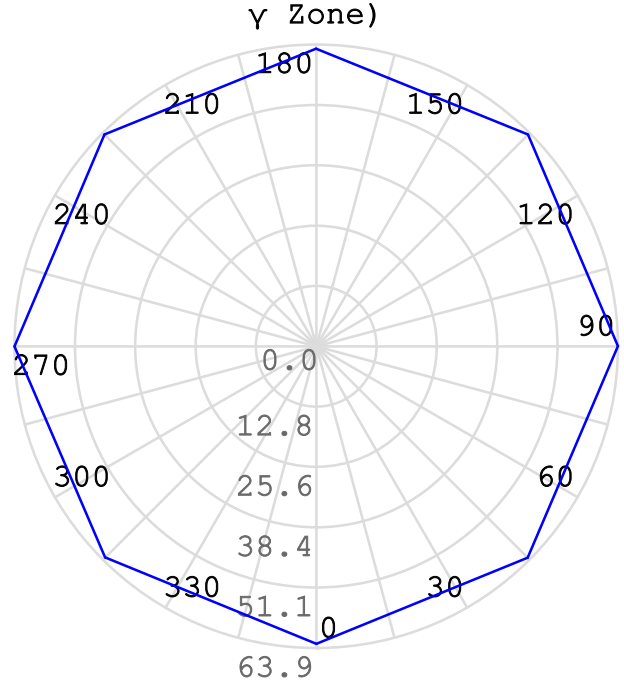
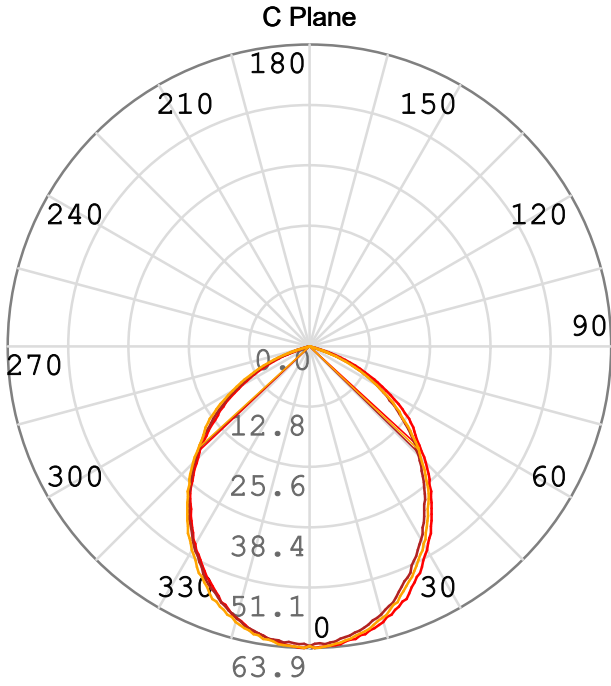
Plane [50%Ang.] [10%Ang.]

C270.0: 93.9 139.1

C0.0: 92.9 139.0

C90.0: 93.9 139.1

Polar Graph

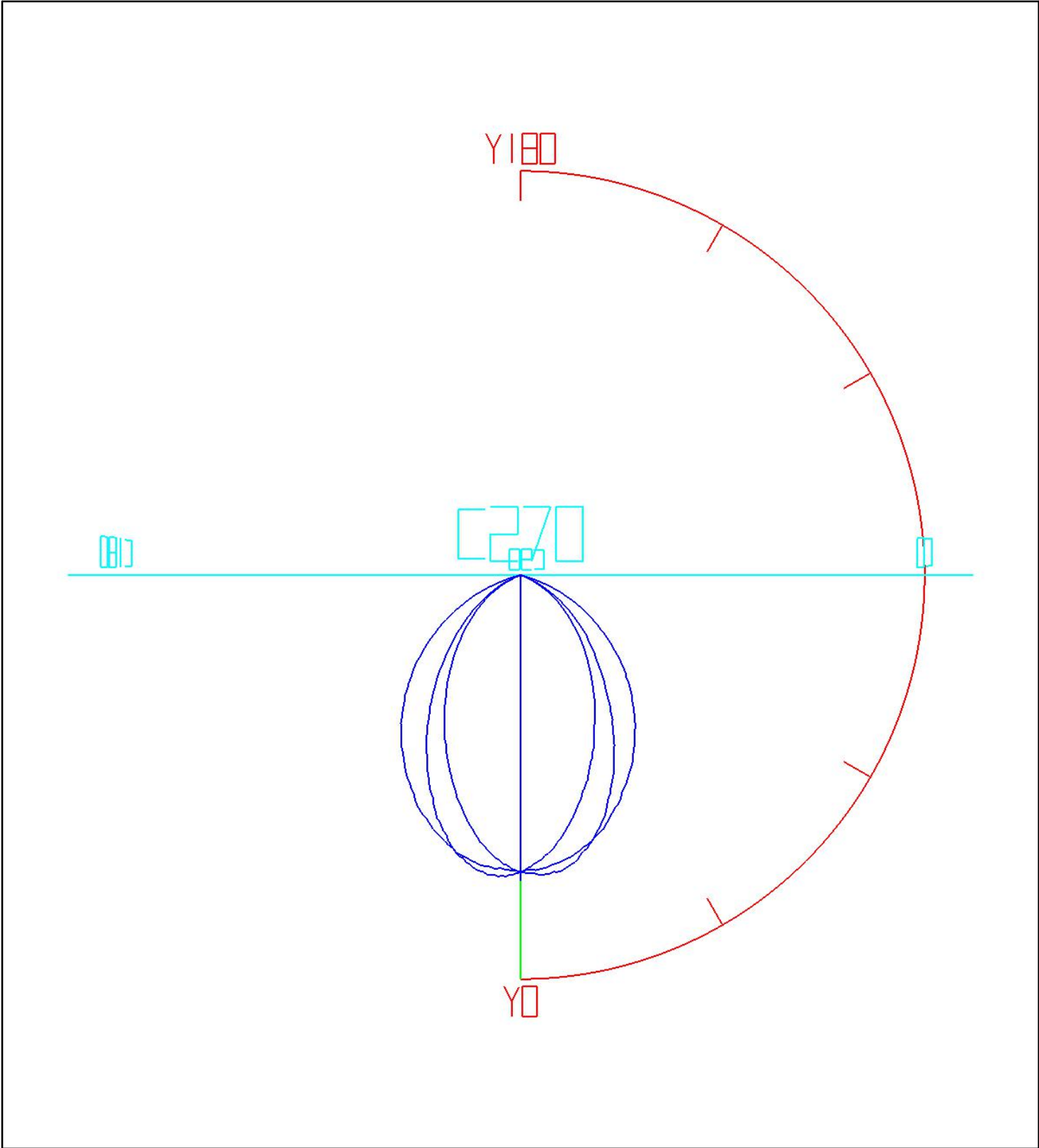


C Plane: C270.0\_90.0 ——— C0.0\_180.0 ——— C90.0\_270.0 ———  
 γ Cone: γ1.0 ———

IES Indoor Report

Photometric Filename:TT-2835-L600-3000K-2-Frosted LENS.IES

3D Light Intensity Distribution Curve

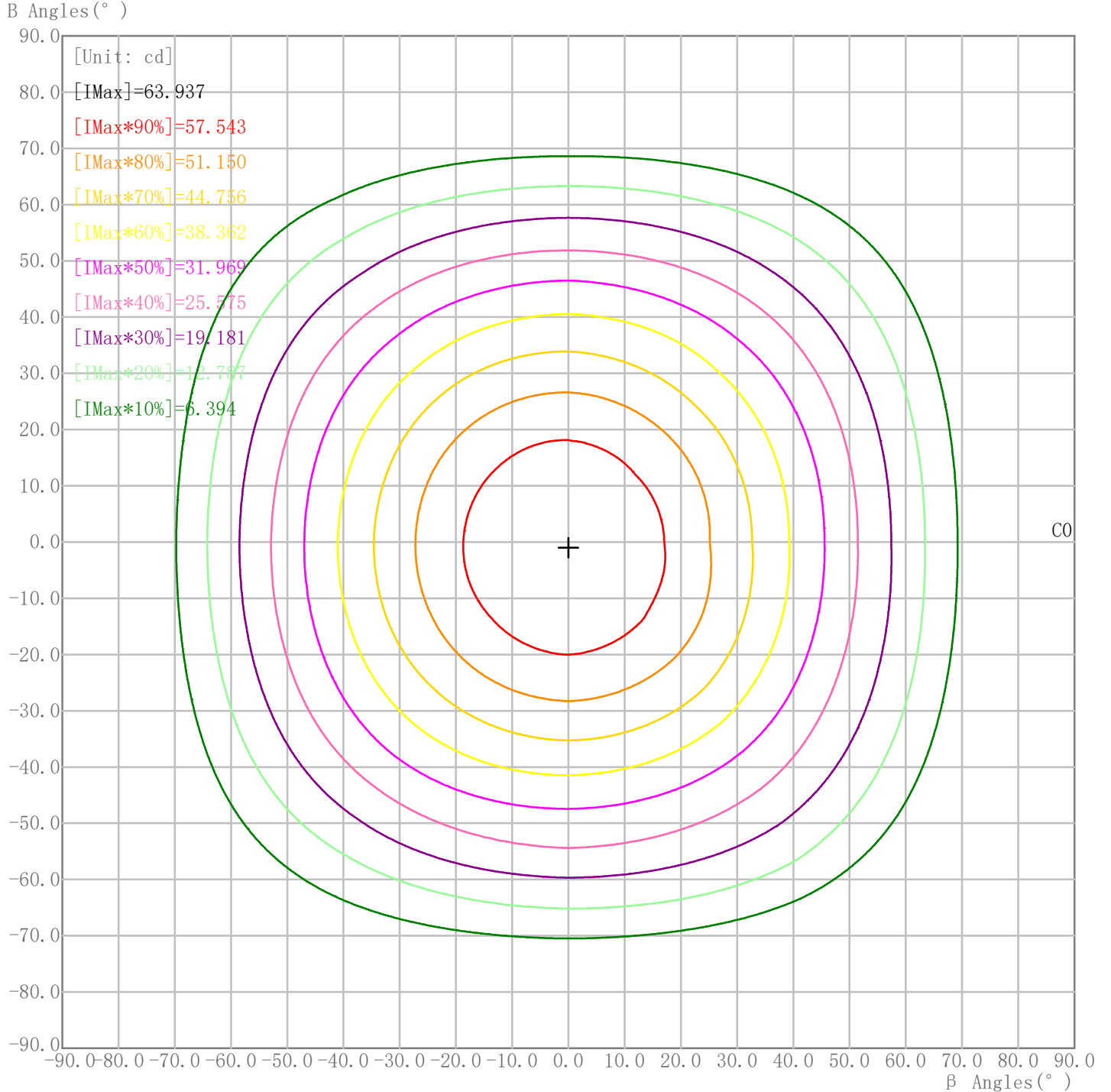


Curves: 3D Model ——— Fixture ——— Vert. HUD ——— Hori. HUD ———  
View Angles: Orient:0 Tilt:0 Roll:0 Spin:0

# IES Indoor Report

Photometric Filename: TT-2835-L600-3000K-2-Frosted LENS.IES

## Rectangle ISO Light Intensity Curve



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

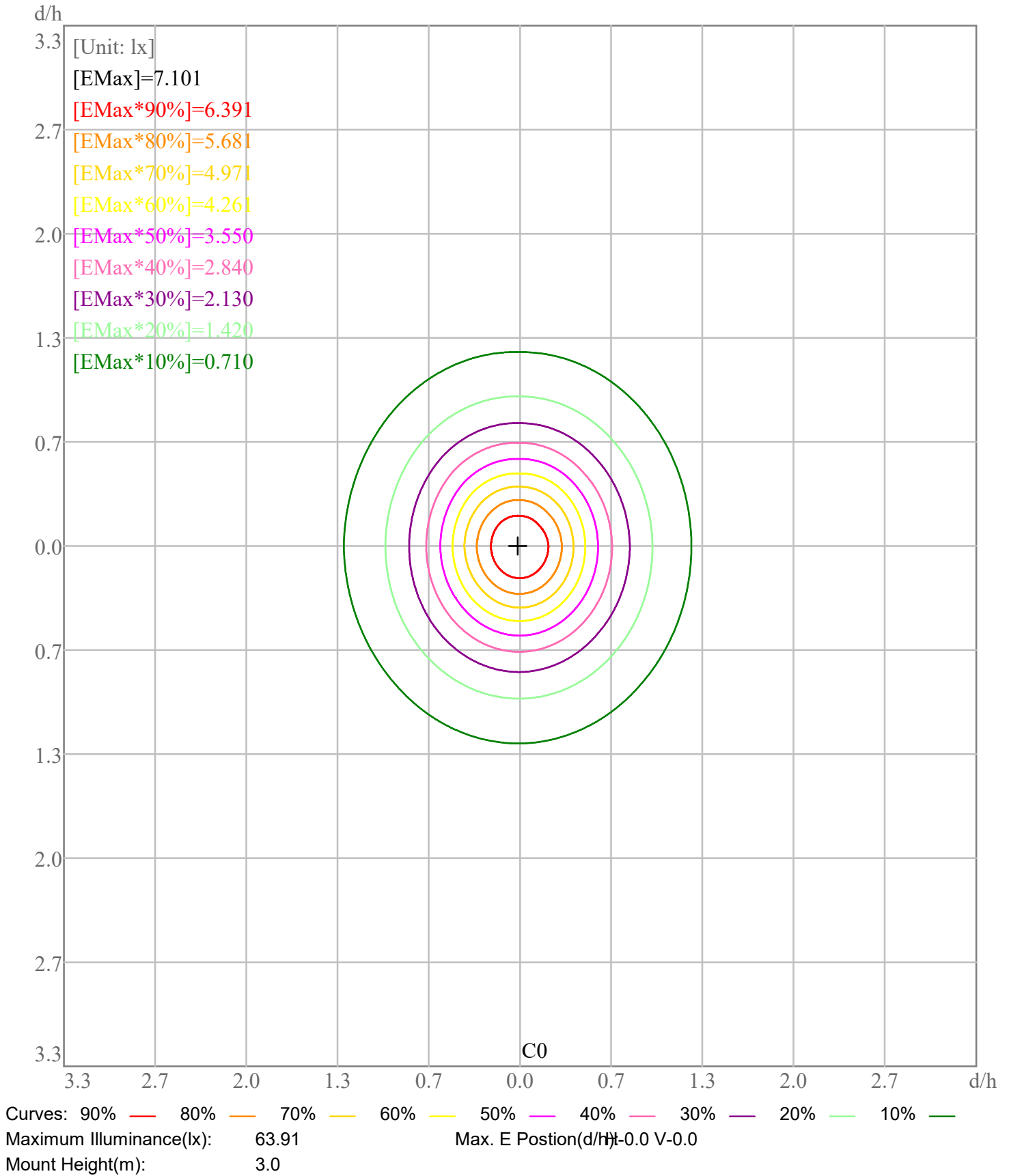
Maximum Light Intensity(cd): 63.94

Maximum Cd. Angles: H-0.0 V-1.0

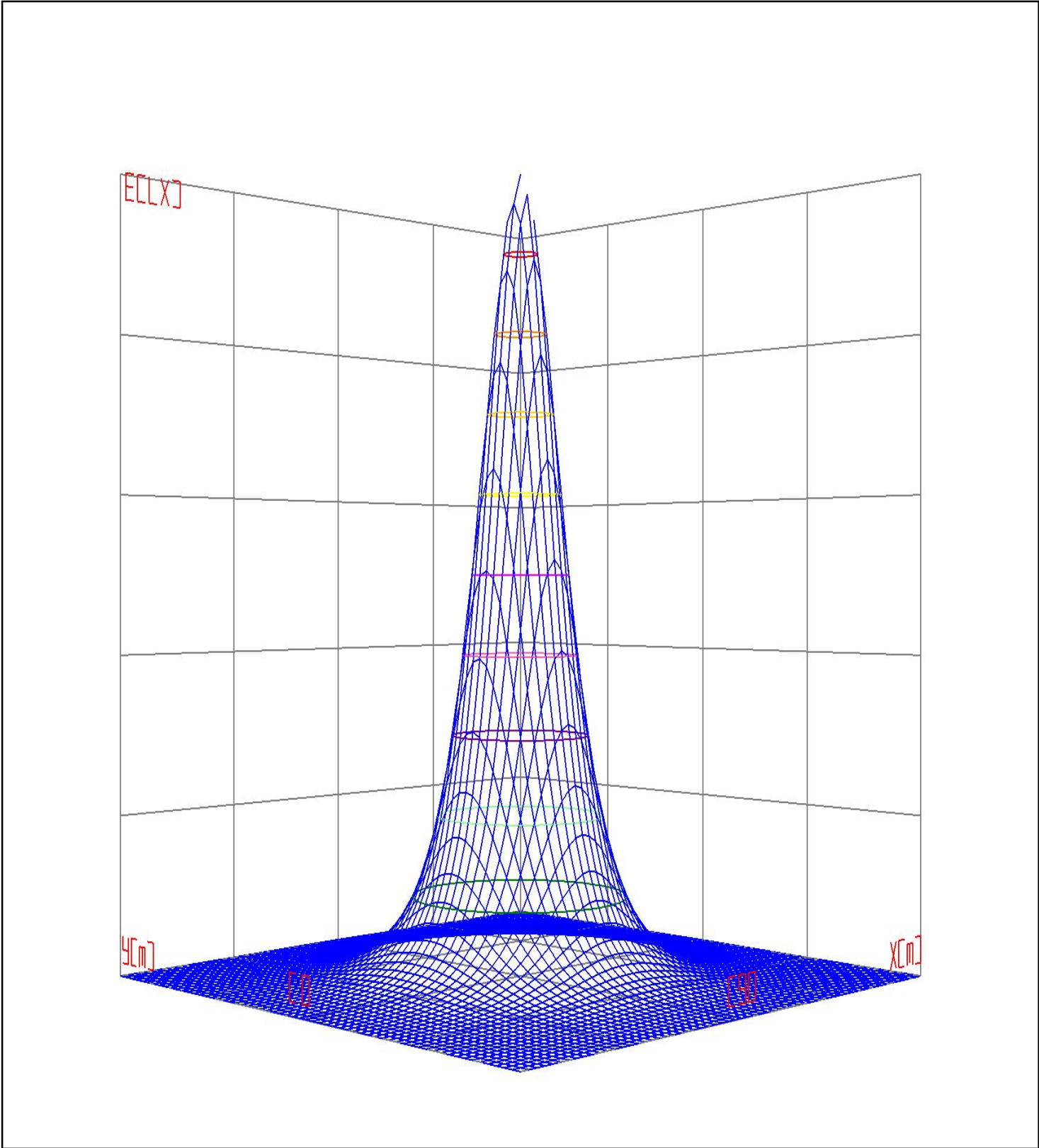
# IES Indoor Report

Photometric Filename: TT-2835-L600-3000K-2-Frosted LENS.IES

## Plane ISO-Illuminance Curve



3D Plane ISO Illuminance Curve

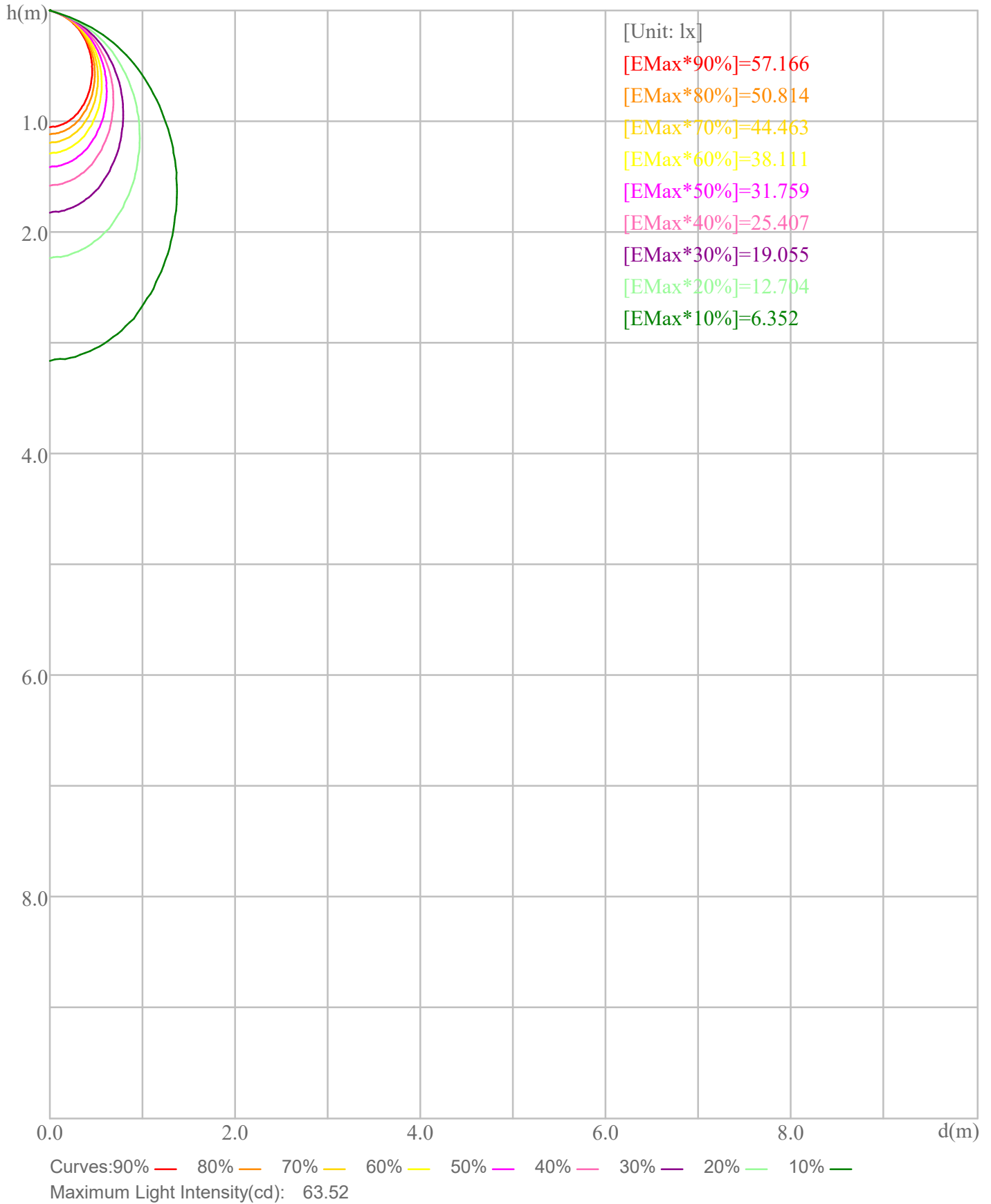


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10%  
View Angles(deg): 0      Height(m): 3.0      Distance(m): 10.0

# IES Indoor Report

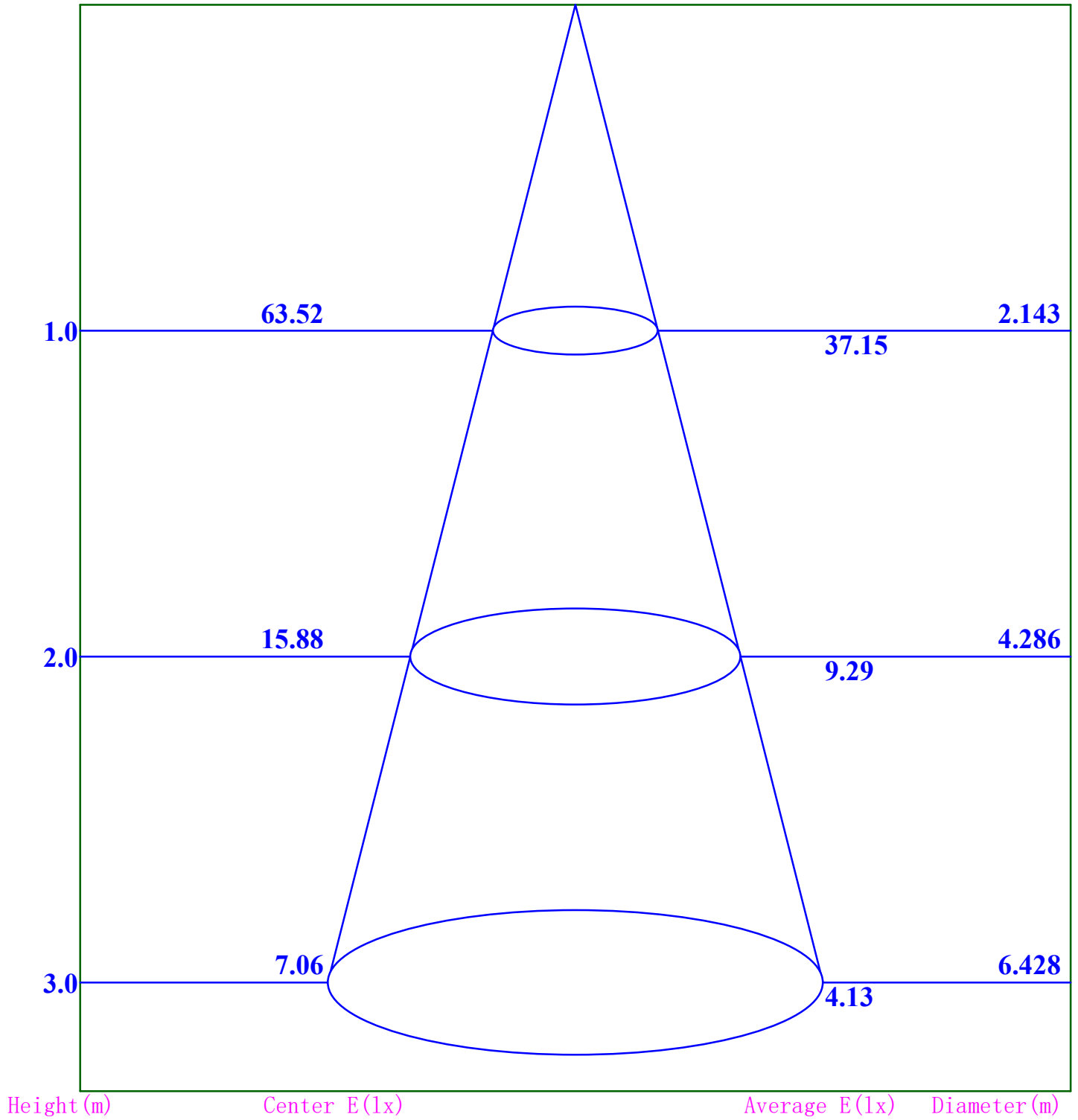
Photometric Filename: TT-2835-L600-3000K-2-Frosted LENS.IES

## Space ISO Illuminance Curve





Illuminance-Distance Curve



**Beam Angle:93.9**

# IES Indoor Report

Photometric Filename:TT-2835-L600-3000K-2-Frosted LENS.IES

## Indoor Luminance Limiting Curve

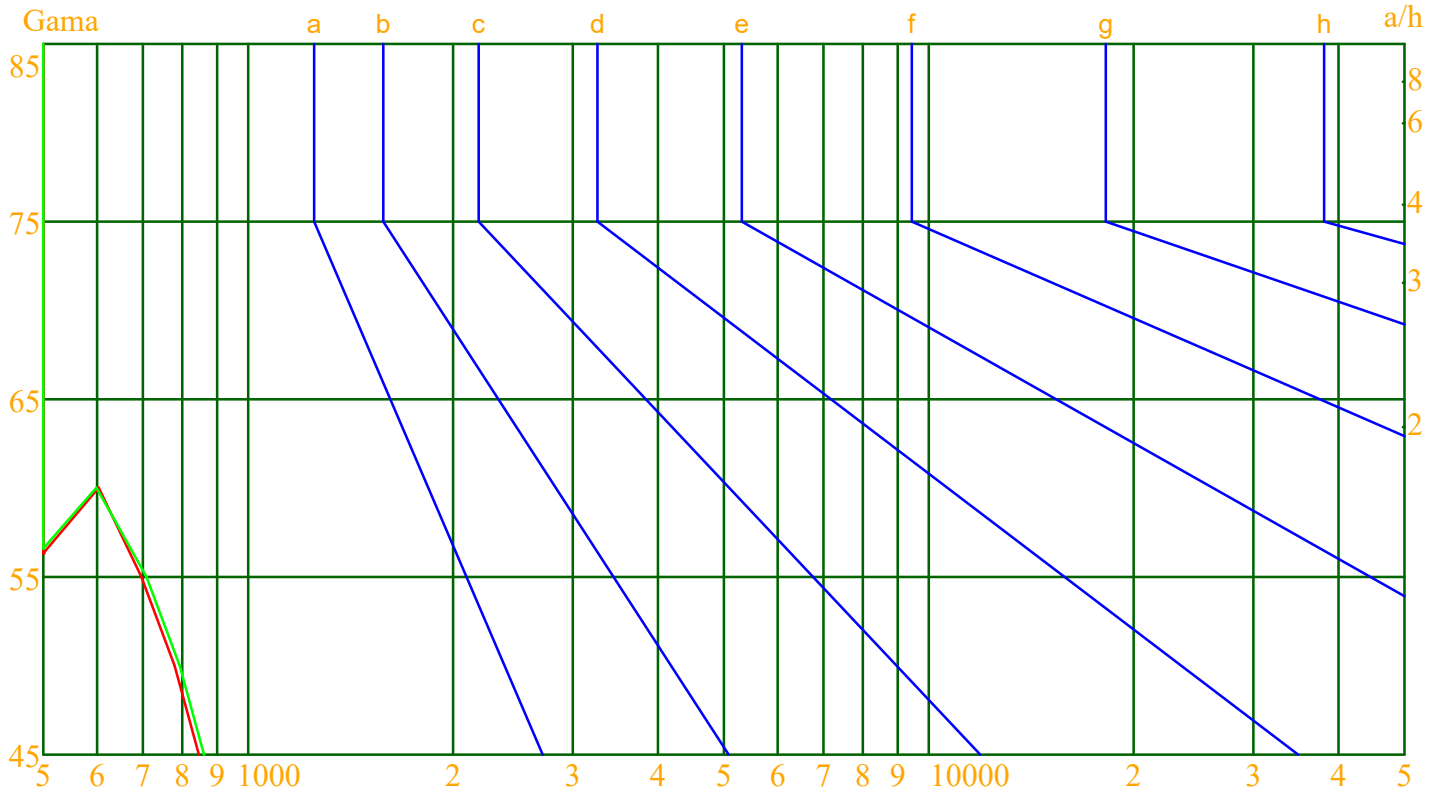
Glare Grade Table

| 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        | 846 | 779 | 697 | 603 | 468 | 291 | 23 | 0  | 0  |
| C90       | 862 | 793 | 708 | 598 | 460 | 257 | 0  | 0  | 0  |

Luminance Limiting Curve

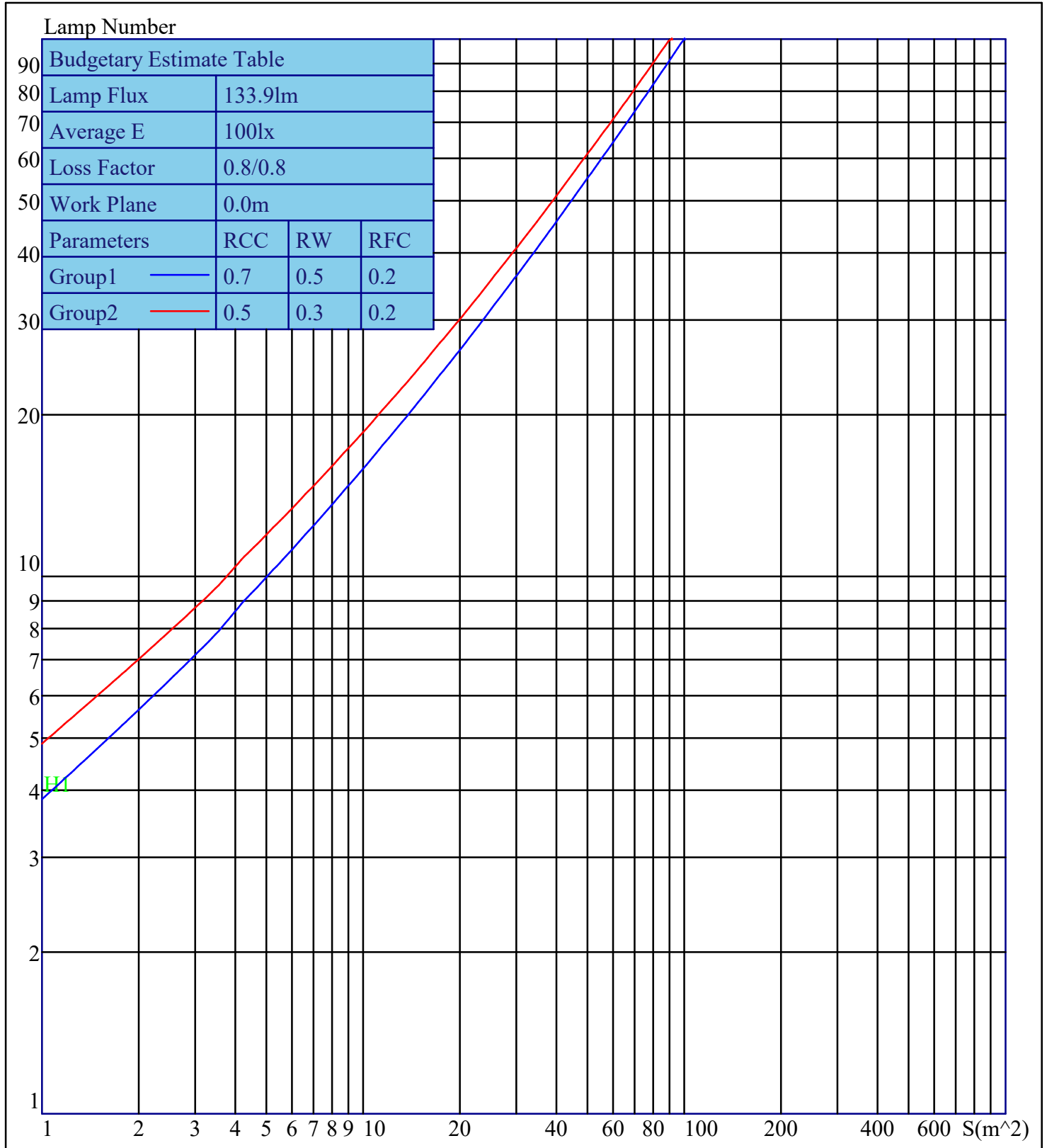


Luminous Size: Length(m)=0.304    Width(m)=0.120    Height(m)=0.060    Area(m<sup>2</sup>)=0.054720  
 Luminous Type: Without Luminous Side  
 Luminous Curves: C0-C180 Color: —    C90-C270 Color: —

# IES Indoor Report

Photometric Filename: TT-2835-L600-3000K-2-Frosted 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