

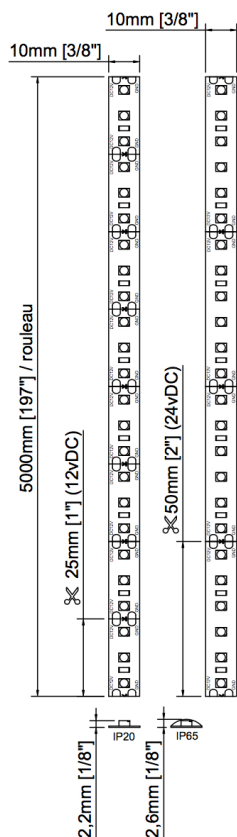
# TITANIUM

TECHNOLOGIE

TT-3528-L600



- Ruban DEL SMD3528 en rouleau de 5 mètres.



Tension	12vDC	24vDC
DEL/m	120 / m	
Puissance	9,84w / m 3w / pied 49,2w / rouleau	
Ampérage	0,82A / m 0,25A / pied 4,1A / rouleau	0,41A / m 0,13A / pied 2,05A / rouleau
Lumens	27K - 117 lm / pied 30K - 119 lm / pied 35K - 91 lm / pied 40K - 104 lm / pied 60K - 88 lm / pied	45 lm / w 44 lm / w 35 lm / w 39 lm / w 33 lm / w
IRC (RA)	90	
Angle	120°	
Dimension	IP20	10mm x 2,2mm x 5000mm $\frac{3}{8}$ " x $\frac{1}{8}$ " x 196 $\frac{7}{8}$ "
	IP65	10mm x 2,6mm x 5000mm $\frac{3}{8}$ " x $\frac{1}{8}$ " x 196 $\frac{7}{8}$ "
	IP67	13mm x 5mm x 5000mm $\frac{1}{2}$ " x $\frac{3}{16}$ " x 196 $\frac{7}{8}$ "
Ligne de coupe	25 mm 1"	50 mm 2"
Finition	Blanc	
Gradable	Oui	
Couleur DEL	<b>27K</b> - Blanc chaud 2700K <b>30K</b> - Blanc chaud 3000K <b>35K</b> - Blanc neutre 3500K <b>40K</b> - Blanc neutre 4000K <b>60K</b> - Blanc froid 6000K <b>R</b> - Rouge <b>G</b> - Vert <b>B</b> - Bleu <b>A</b> - Ambre <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	3528	L600	20	27K	24V
TT	3528	L600			

# IES Indoor Report

Photometric Filename: TT-3528-L600-2700K-2-Frosted LENS.IES

## Indoor Luminaire Photometric Data

### Description Information

Luminaire Name: TT-3528-L600-2700k-2-Frosted-lens		Luminaire Catalog:	Test ID:
Lamp Name: TT-3528-L600-2700k-2-Frosted-lens		Lamp Catalog: 3528	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): 2.631	Lamp Tested Voltage(V): 12.3
Lamp Tested Current(A): 0.214	Lamp Tested PF:
Lamp Size(W*L*H): 0.120*0.304*0.060	
Luminaire Speciality	
Luminaire Lumens(lm): 75.318	Beam Angle(10%Imax): 88.6
Luminaire Efficiency: 16.81%	Left=-44.0 Right=44.7
Luminaire EER(lm/W): 28.627	Field Angle(10%Imax): 131.5
Muximum Cand.(cd): 39.414	Spacing Criteria S/MH(C0_180): 1.143
Max Cd. Angle(°): C=315.0 $\gamma$ =3.0	Spacing Criteria S/MH(C90_270): 1.126
Downward Lumens(lm): 75.318	CIE Type: Semi-Direct
Upward Lumens(lm): 0.000	ErP $\phi$ use(120deg): 70.807lm
Downward Total Efficiency%: 100.00	IRF(%): 134.539
Upward Total Efficiency%: 0.00	

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## 2D Light Intensity Distribution Curve

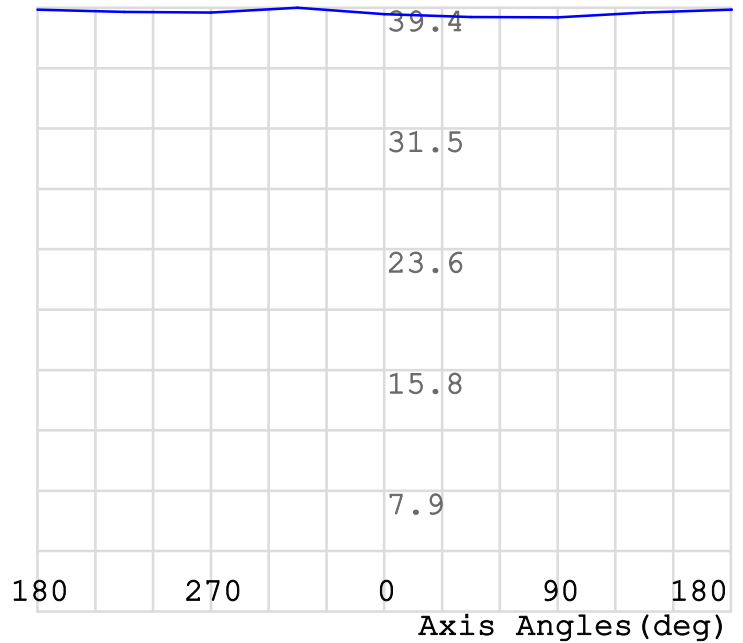
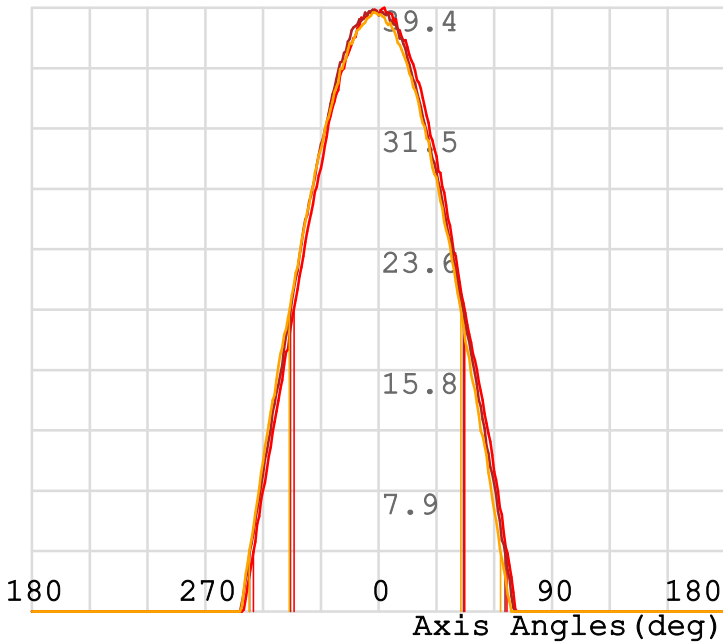
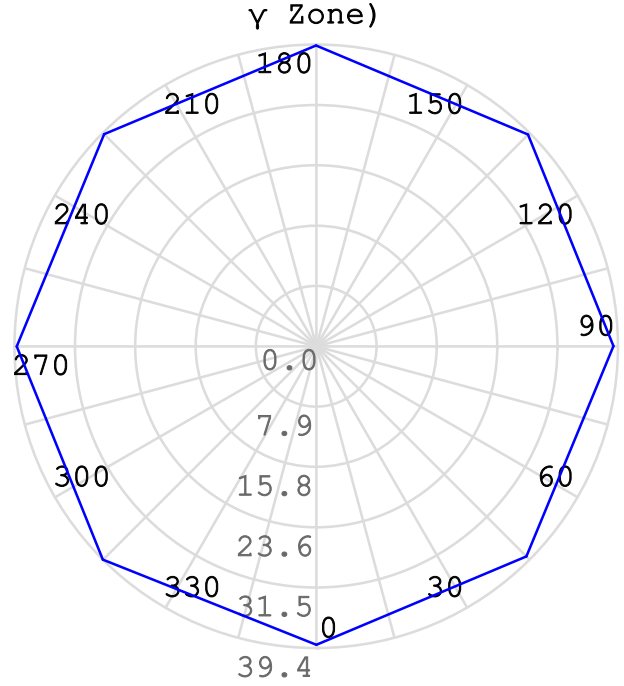
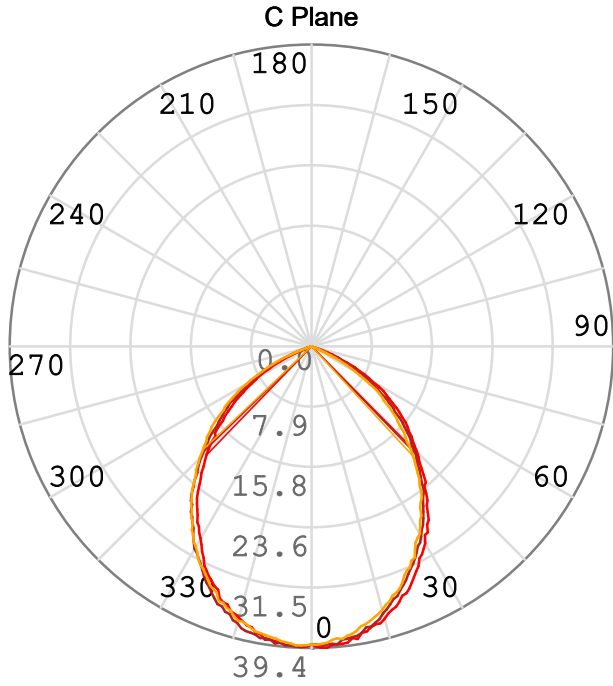
Plane [50%Ang.] [10%Ang.]

C315.0: 88.6 131.5

C0.0: 89.7 132.5

C90.0: 89.2 130.4

Polar Graph



C Plane: C315.0\_135.0 ——— C0.0\_180.0 ———

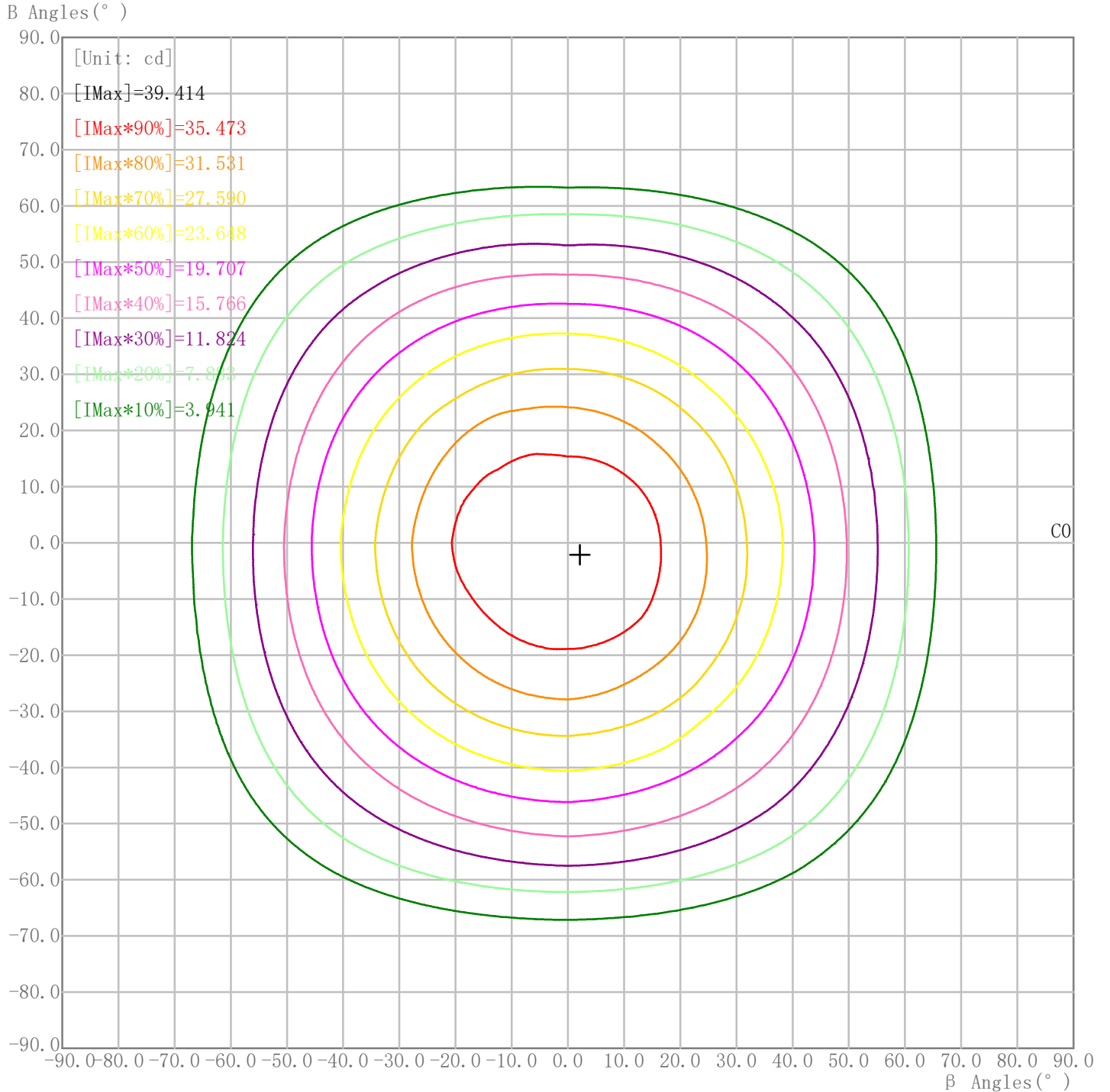
γ Cone: γ3.0 ———

C90.0\_270.0 ———

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## Rectangle ISO Light Intensity Curve



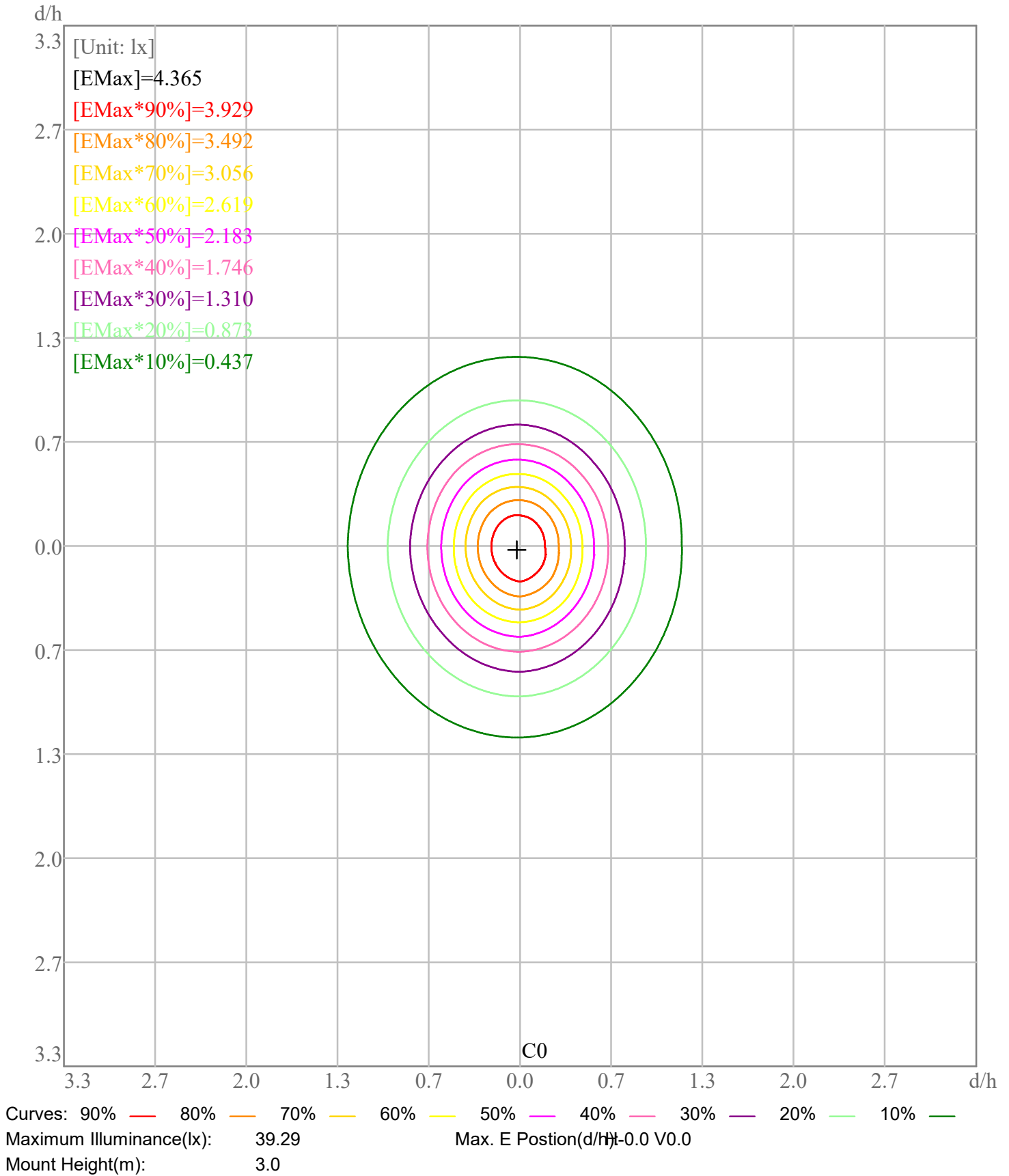
Curves: 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —

Maximum Light Intensity(cd): 39.41 Maximum Cd. Angles: H2.1 V-2.1

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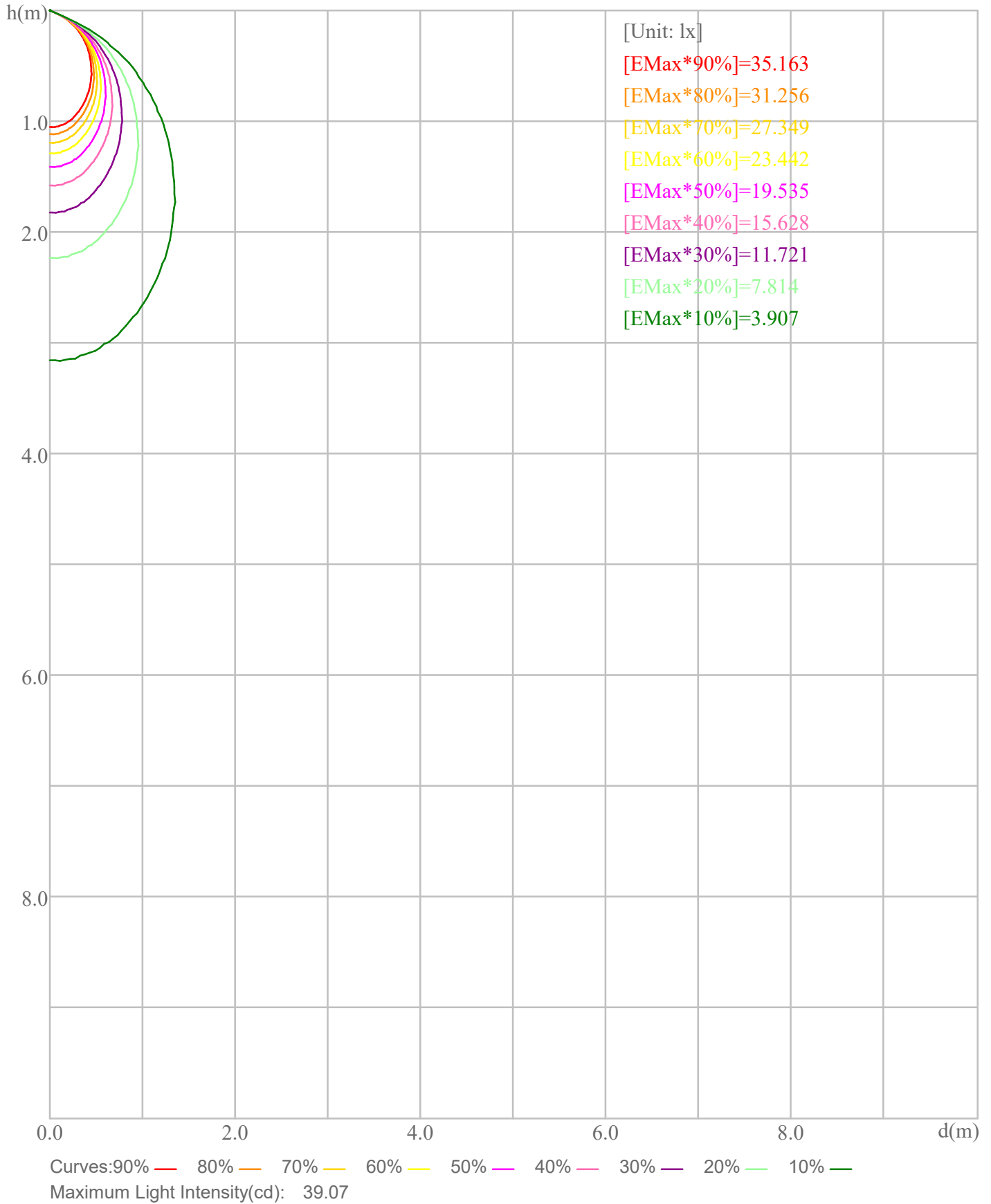
## Plane ISO-Illuminance Curve



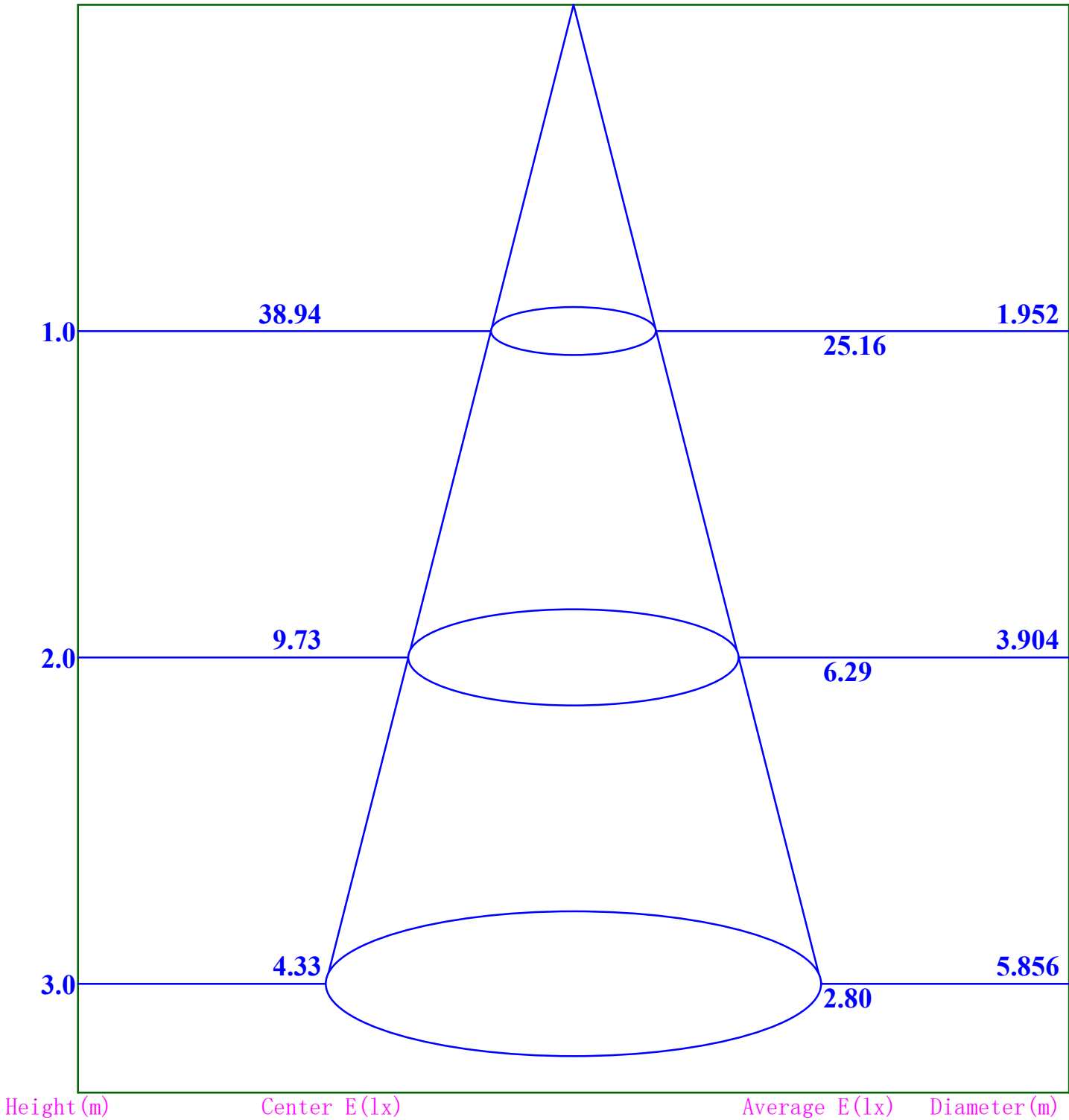
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## Space ISO Illuminance Curve



Illuminance-Distance Curve



**Beam Angle:88.6**

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## Indoor Luminance Limiting Curve

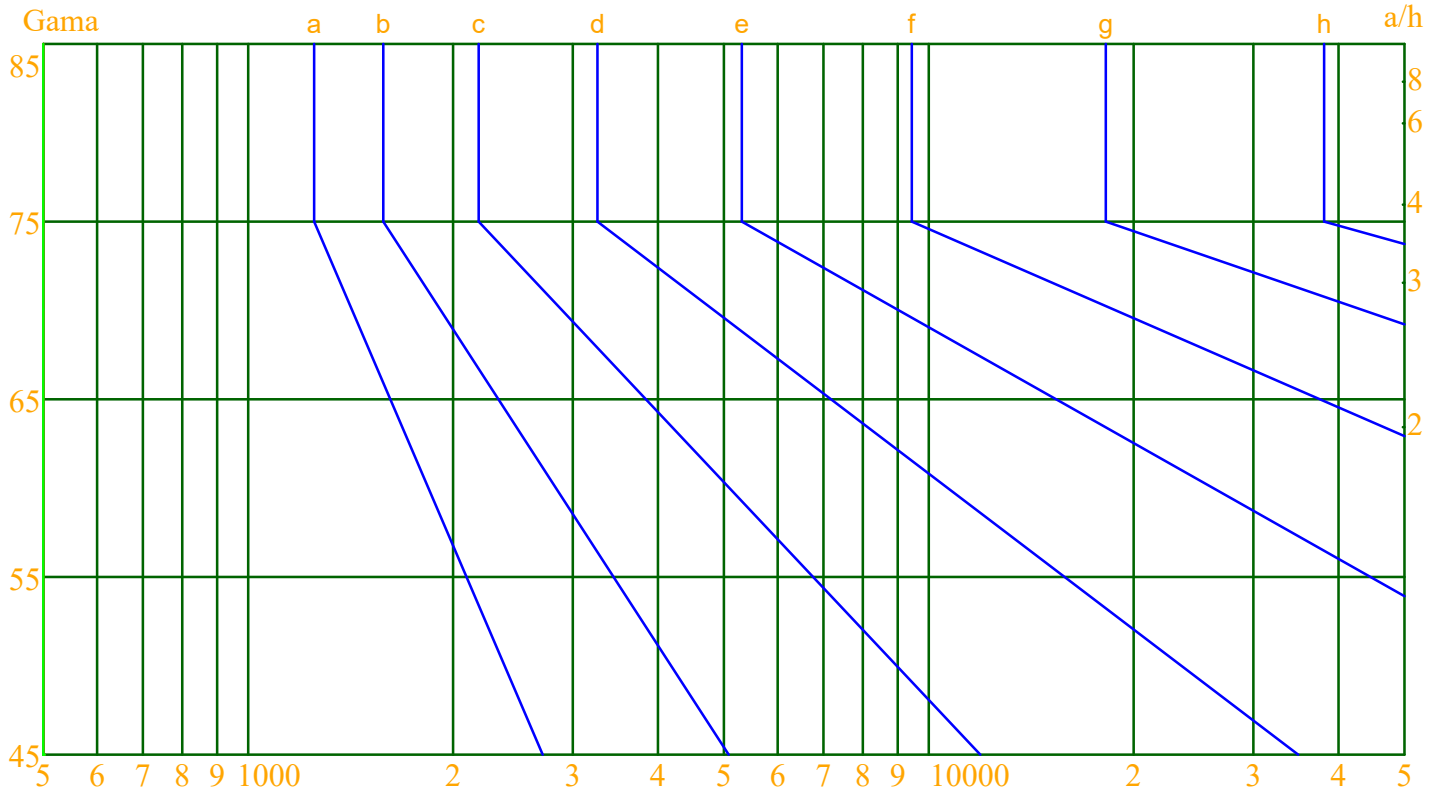
Glare Grade Table

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	487	442	382	305	190	13	0	0	0
C90	456	411	346	242	121	0	0	0	0

Luminance Limiting Curve



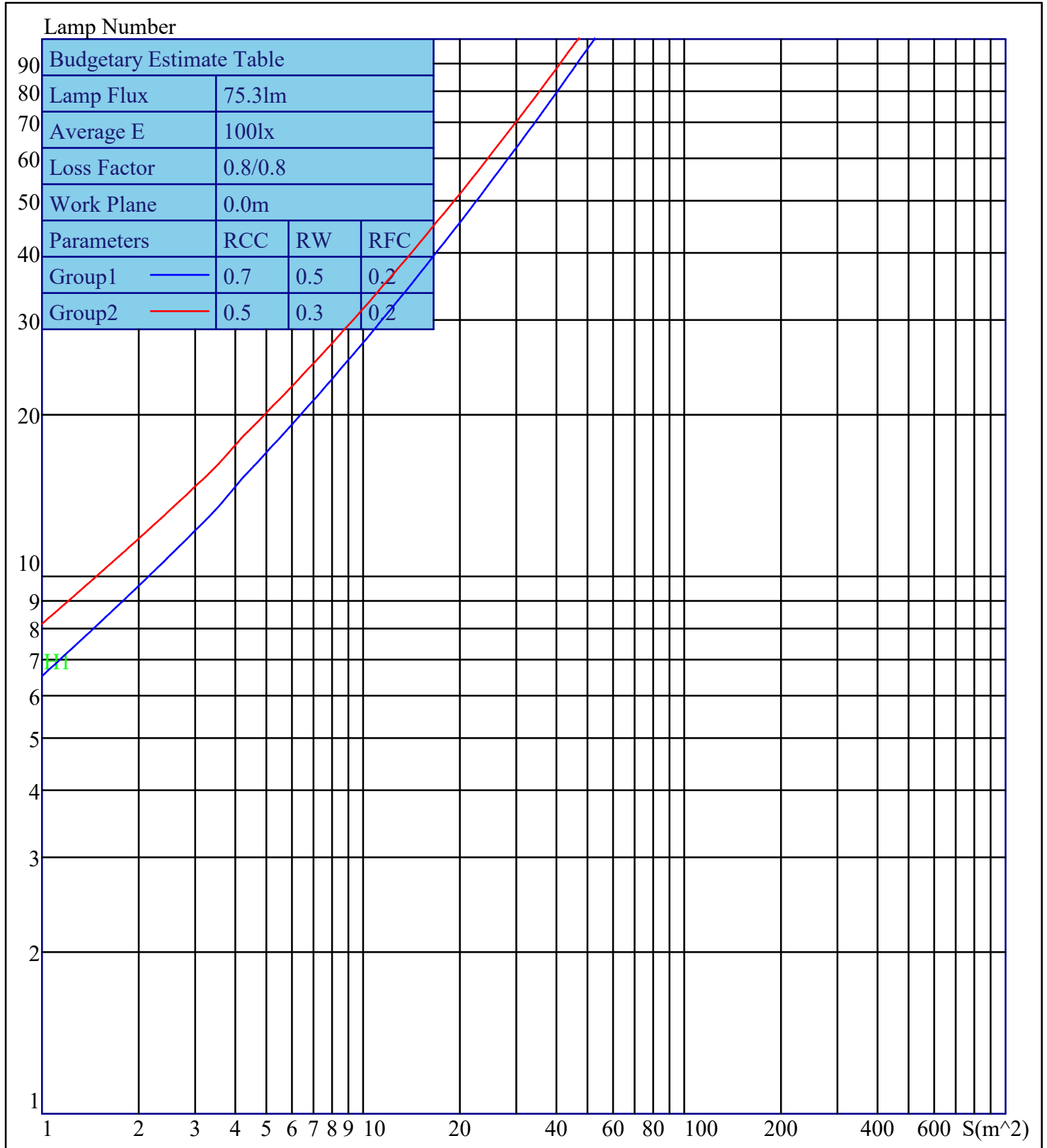
Luminous Size: Length(m)=0.304 Width(m)=0.120 Height(m)=0.060 Area(m<sup>2</sup>)=0.054720  
 Luminous Type: Without Luminous Side  
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —



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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