

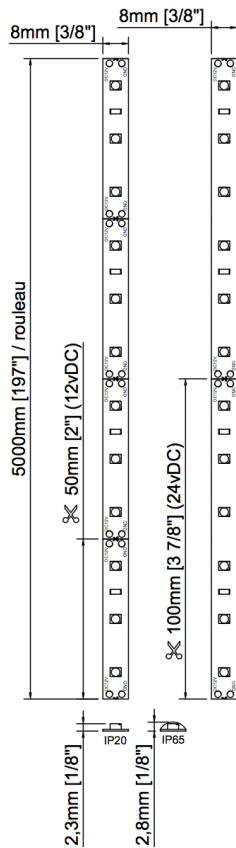
TITANIUM

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 $\frac{3}{8}'' \times \frac{1}{8}'' \times 196\frac{7}{8}''$
	IP65	10mm x 2,8mm x 5000mm $\frac{3}{8}'' \times \frac{1}{8}'' \times 196\frac{7}{8}''$
	IP67	13mm x 5mm x 5000mm $\frac{1}{2}'' \times \frac{3}{16}'' \times 196\frac{7}{8}''$
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-L300-4000K-1-NO LENS.IES

Indoor Luminaire Photometric Data

Description Information

Luminaire Name: TT-3528-L300-4000k-1-no lens	Luminaire Catalog:	Test ID:
Lamp Name: TT-3528-L300-4000k-1-no lens	Lamp Catalog: 3528	Test Date: 2021/03/19
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): 1.339	Lamp Tested Voltage(V): 12.3
Lamp Tested Current(A): 0.108	Lamp Tested PF:
Lamp Size(W*L*H): 0.120*0.304*0.060	
Luminaire Speciality	
Luminaire Lumens(lm): 37.420	Beam Angle(10%Imax): 89.6
Luminaire Efficiency: 8.35%	Left=-45.9 Right=43.7
Luminaire EER(lm/W): 27.946	Field Angle(10%Imax): 120.1
Muximum Cand.(cd): 21.351	Spacing Criteria S/MH(C0_180): 1.198
Max Cd. Angle(°): C=315.0 γ =2.0	Spacing Criteria S/MH(C90_270): 1.157
Downward Lumens(lm): 37.420	CIE Type: Semi-Direct
Upward Lumens(lm): 0.000	ErP ϕ use(120deg): 37.491lm
Downward Total Efficiency%: 100.00	IRF(%): 136.376
Upward Total Efficiency%: 0.00	

IES Indoor Report

Photometric Filename: TT-3528-L300-4000K-1-NO LENS.IES

2D Light Intensity Distribution Curve

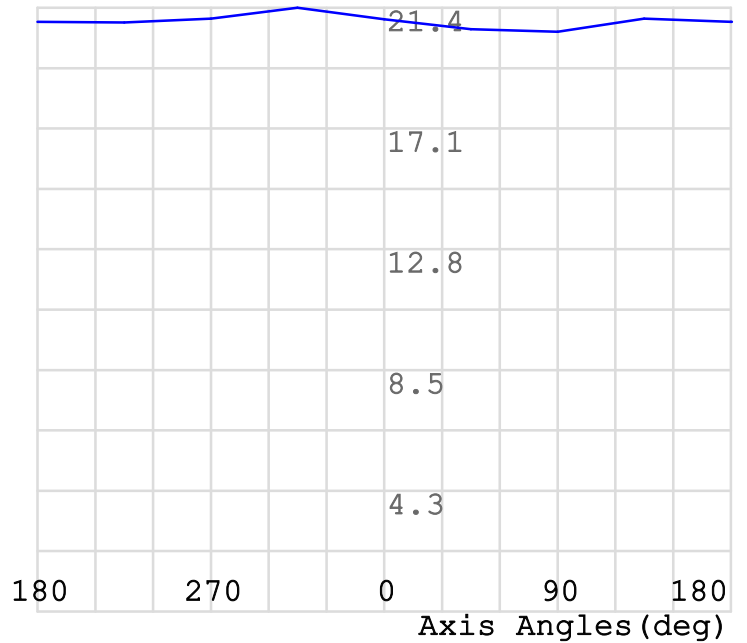
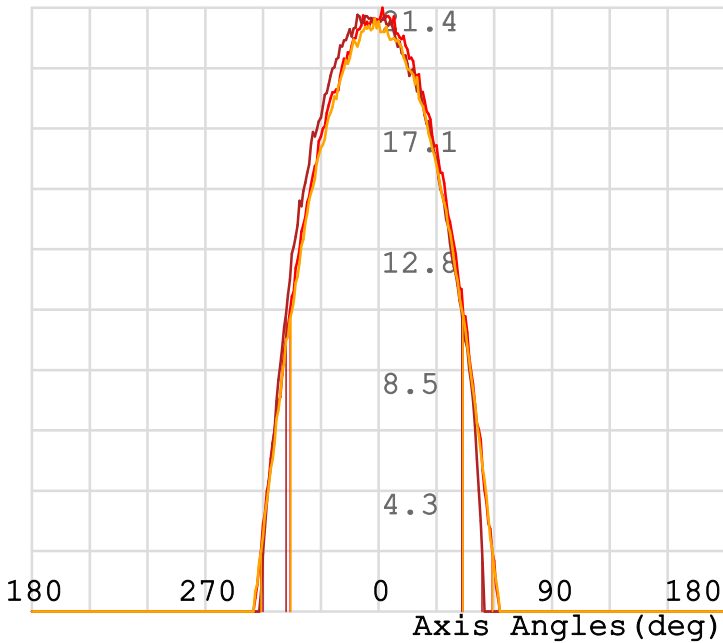
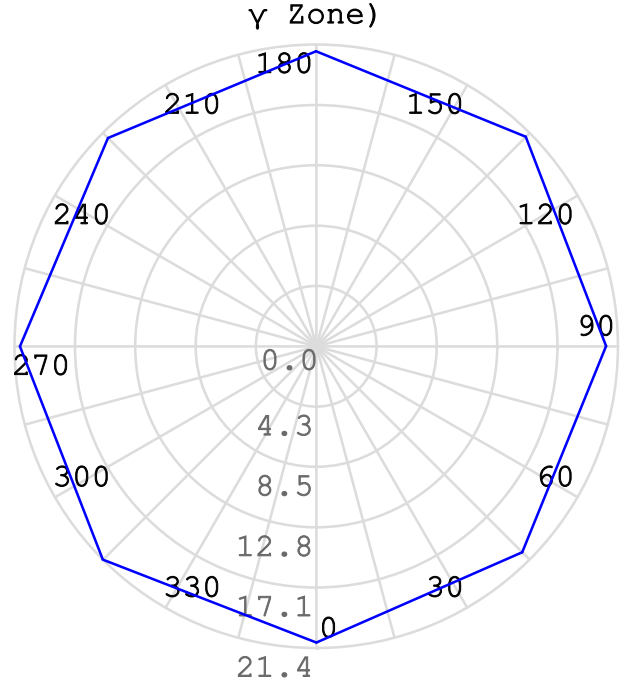
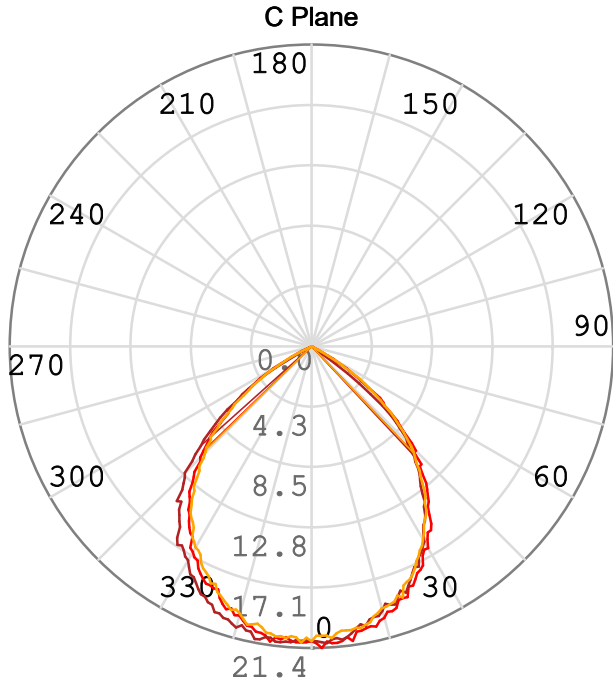
Plane [50%Ang.] [10%Ang.]

C315.0: 89.6 120.1

C0.0: 91.1 113.7

C90.0: 89.2 120.2

Polar Graph



C Plane: C315.0_135.0 ——— C0.0_180.0

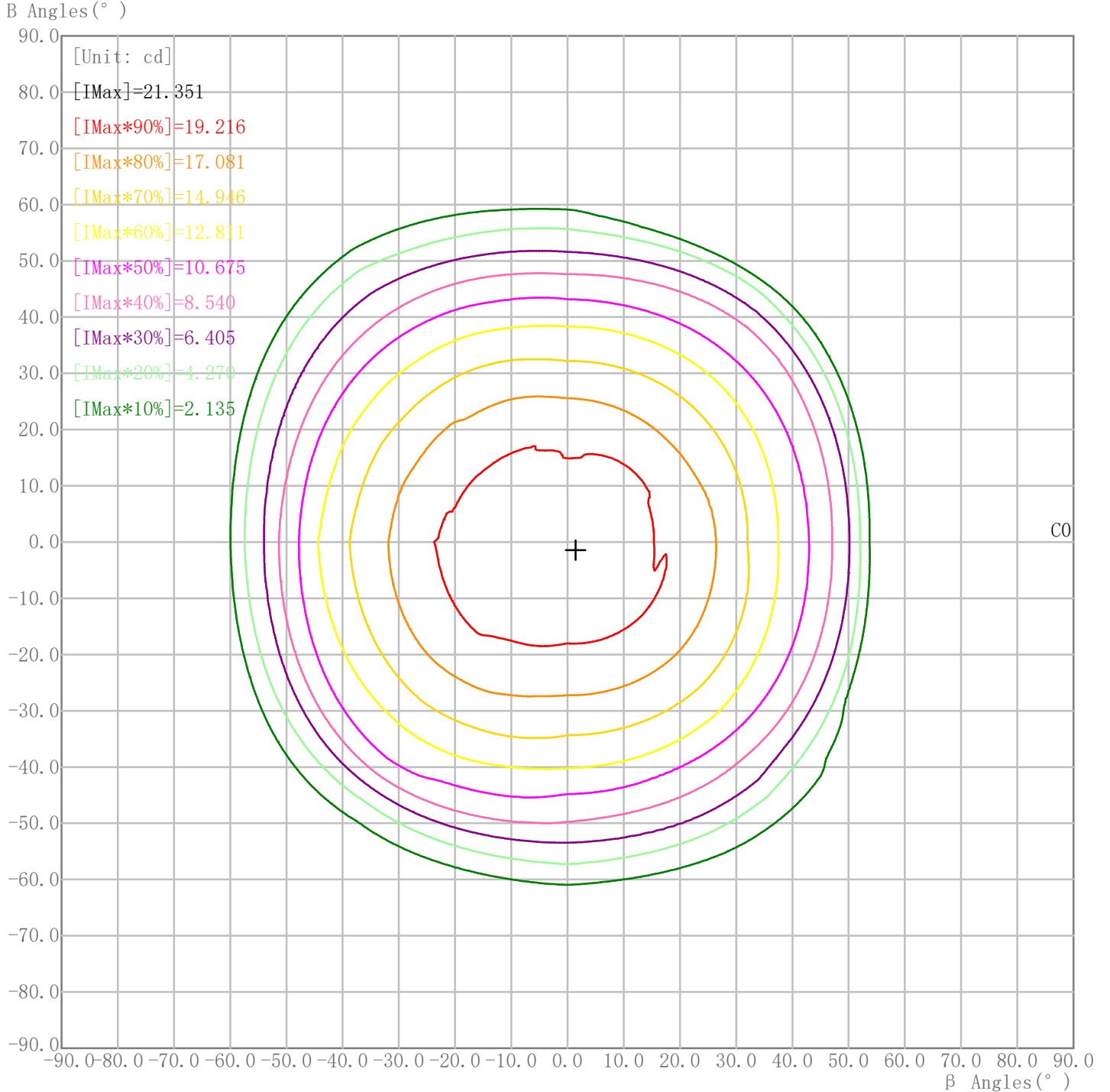
γ Cone: γ2.0 ———

C90.0_270.0 ———

IES Indoor Report

Photometric Filename: TT-3528-L300-4000K-1-NO LENS.IES

Rectangle ISO Light Intensity Curve



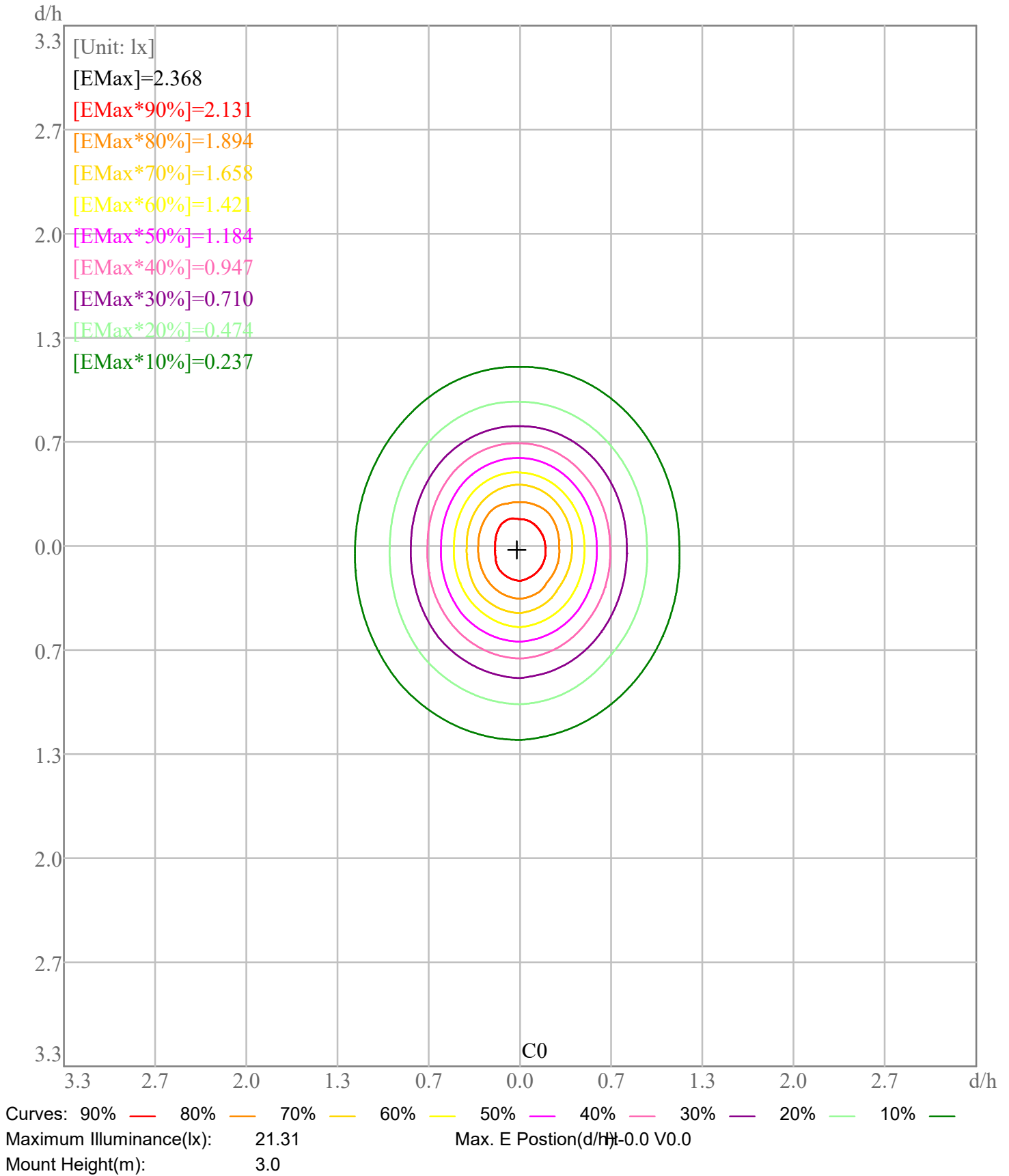
Curves: 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —

Maximum Light Intensity(cd): 21.35 Maximum Cd. Angles: H1.4 V-1.4

IES Indoor Report

Photometric Filename: TT-3528-L300-4000K-1-NO LENS.IES

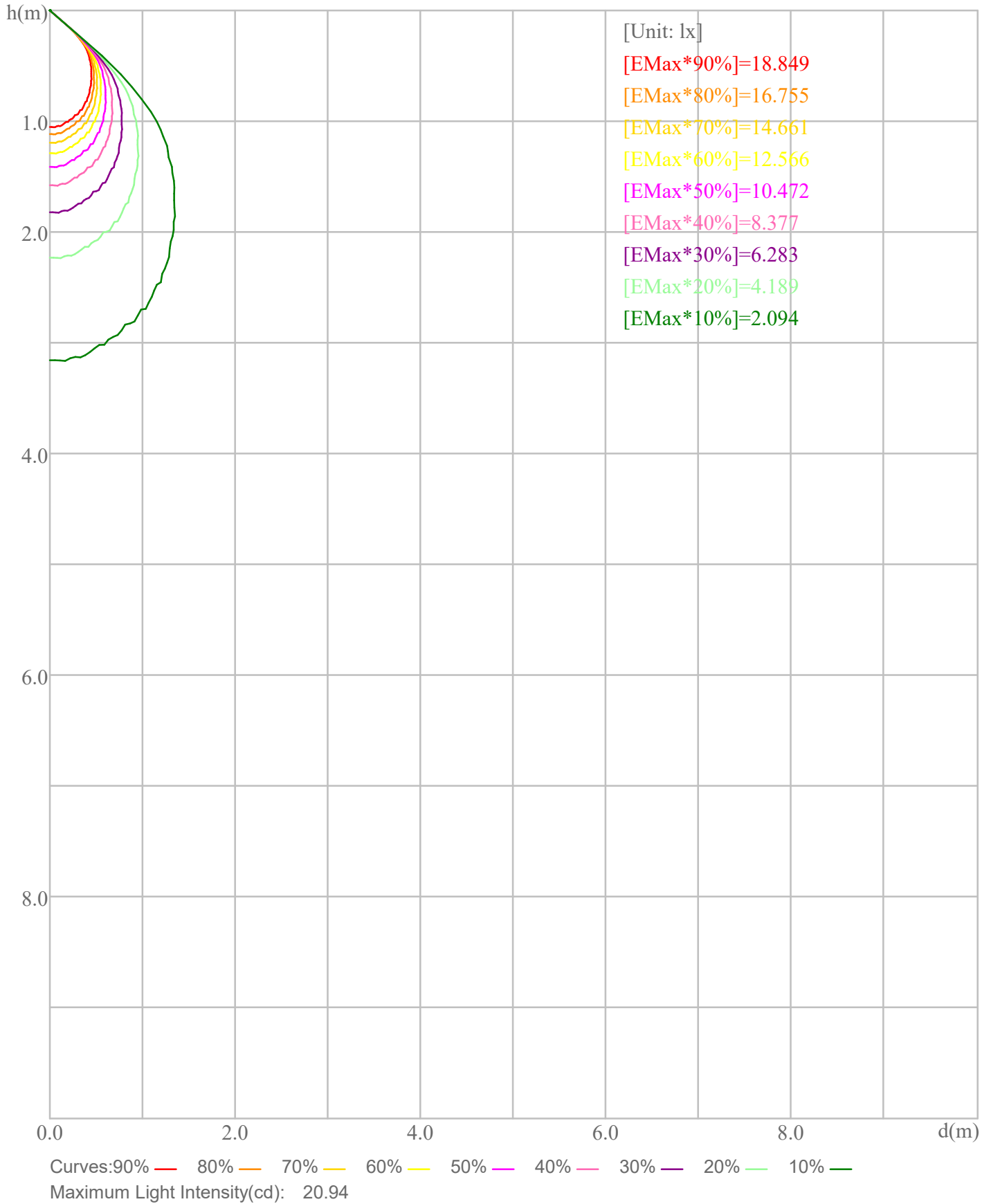
Plane ISO-Illuminance Curve



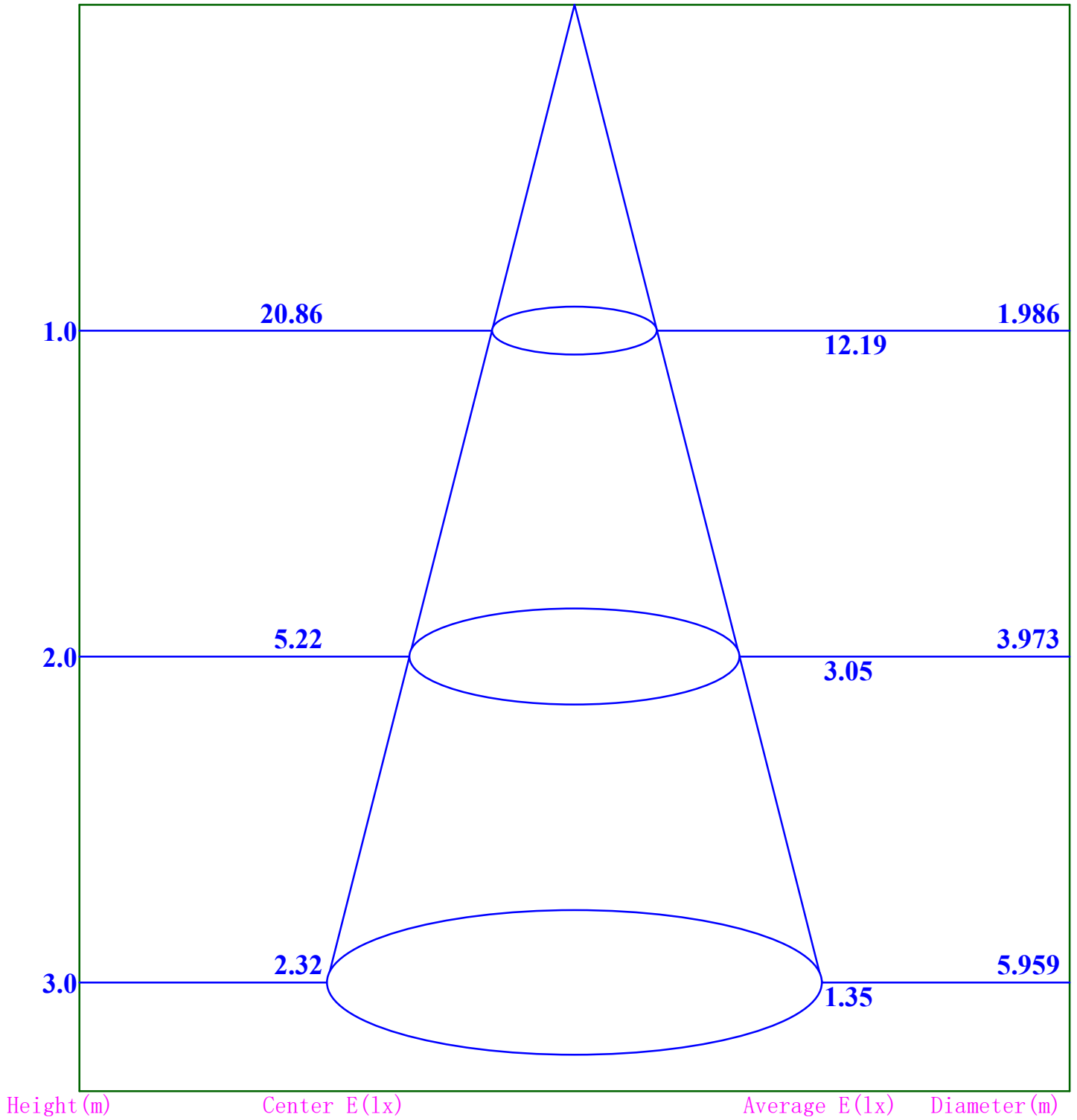
IES Indoor Report

Photometric Filename: TT-3528-L300-4000K-1-NO LENS.IES

Space ISO Illuminance Curve



Illuminance-Distance Curve



Beam Angle:89.6

IES Indoor Report

Photometric Filename:TT-3528-L300-4000K-1-NO LENS.IES

Indoor Luminance Limiting Curve

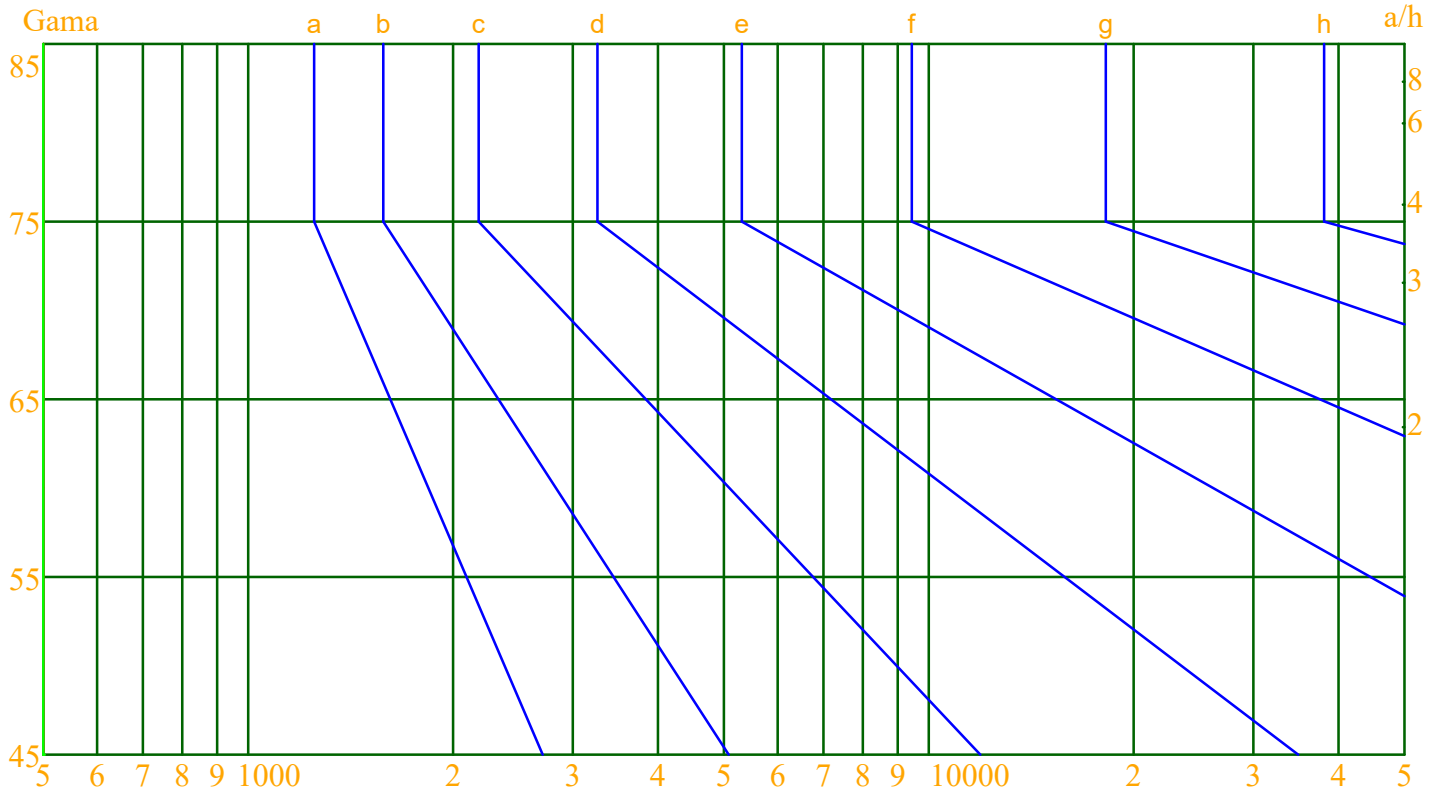
Glare Grade Table

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	248	187	0	0	0	0	0	0	0
C90	258	210	148	55	0	0	0	0	0

Luminance Limiting Curve

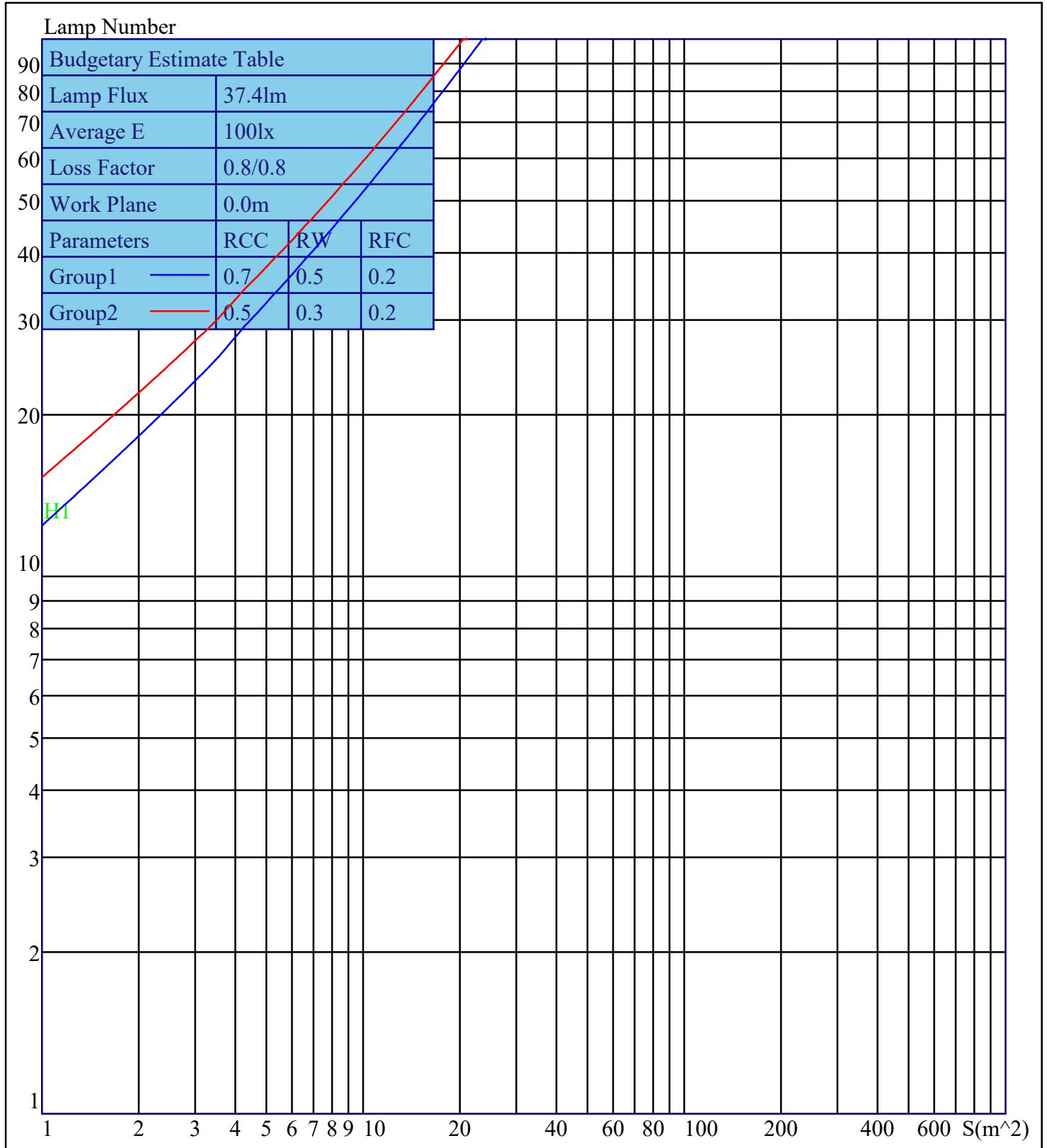


Luminous Size: Length(m)=0.304 Width(m)=0.120 Height(m)=0.060 Area(m²)=0.054720
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename: TT-3528-L300-4000K-1-NO 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