

IES Indoor Report

Photometric Filename: LAL516-9W-3000K-RA90-35-SBK.IES

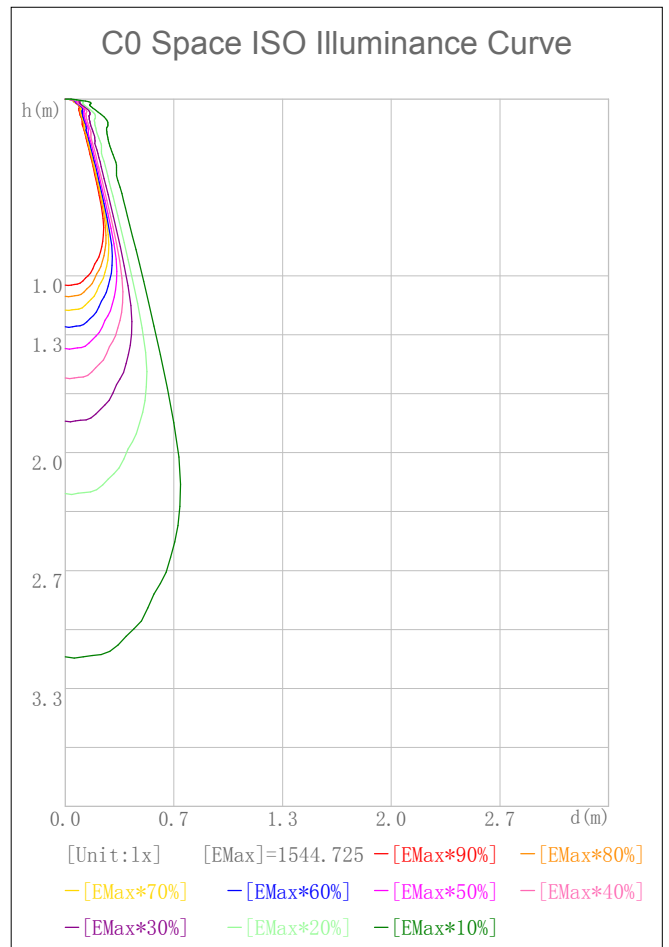
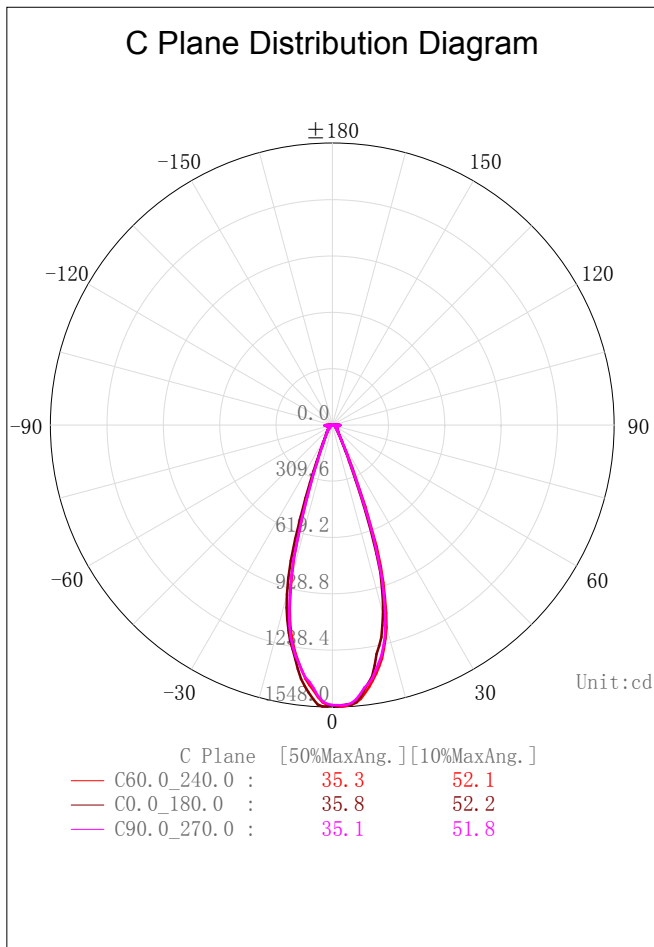
Indoor Luminaire Photometric Data

Description Information

Luminary Name: LAL516-9W-3000K-RA90-35-SBK		Lum. Catalog: LED Recessed Spot Light ID:
Lamp Name:	Lamp Catalog:	Test Date: 2023/12/04
Manufacture:	Shld. Ang(°):	Test Machine: GON-2000
Test Lab:	Frequency(Hz):	Lamp CCT(K): Ra:
Lum. Size(W*L*H): 0.001m*0.001m*0.001m		Lum. Area(m ²): 0.000
Test System: C, γ	Test Step: C=30.0 γ=1.0	Temp. (°C): 25
		Humidity(%): 50.0

Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 1.000	Luminary Flux(lm): 674.803	Field Angle(10%Imax): 52.1(°)	
Rated Power(W):	Luminary Efficiency: 67480.34%	Down Lumens&Percent: 660.550lm 97.89%	
Rated Voltage(V):	Luminary EER(lm/W): 77.120	Up Lumens&Percent: 14.254lm 2.11%	
Tested Power(W): 8.750	Max. Candela(cd): 1547.998	S/MH: C0_a180=0.606 C90_270=0.593	
Lamps' Inside: 1	Max Cand@Ang.(°): C=60.0 γ=2.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf): 221.1, 0.044, 0.899		Beam Angle(50%Imax): 35.3(°)	ErP Φ use(90°): 546.199lm
Lamp Size(W*L*H): 0.001m*0.001m*0.001m	Left=-15.9°, Right=19.4°		IRF(%): 543.457



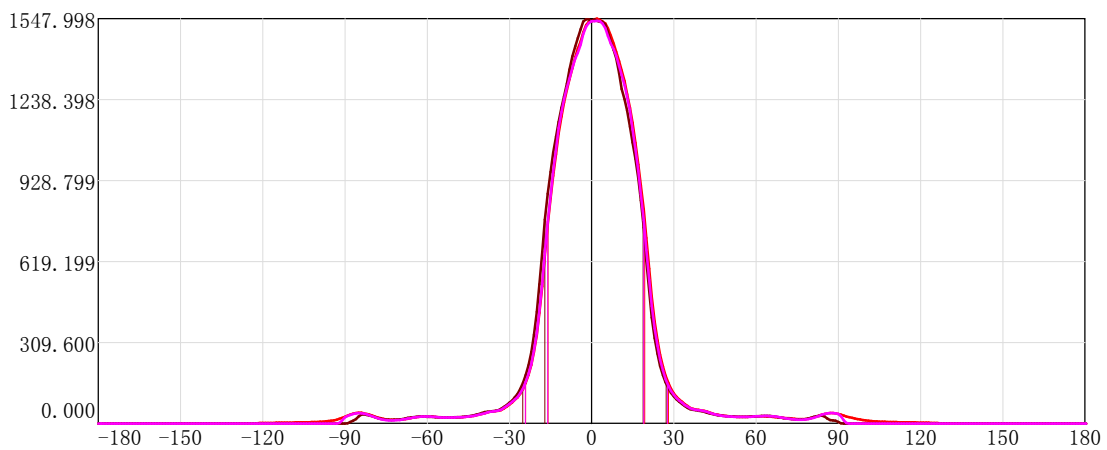
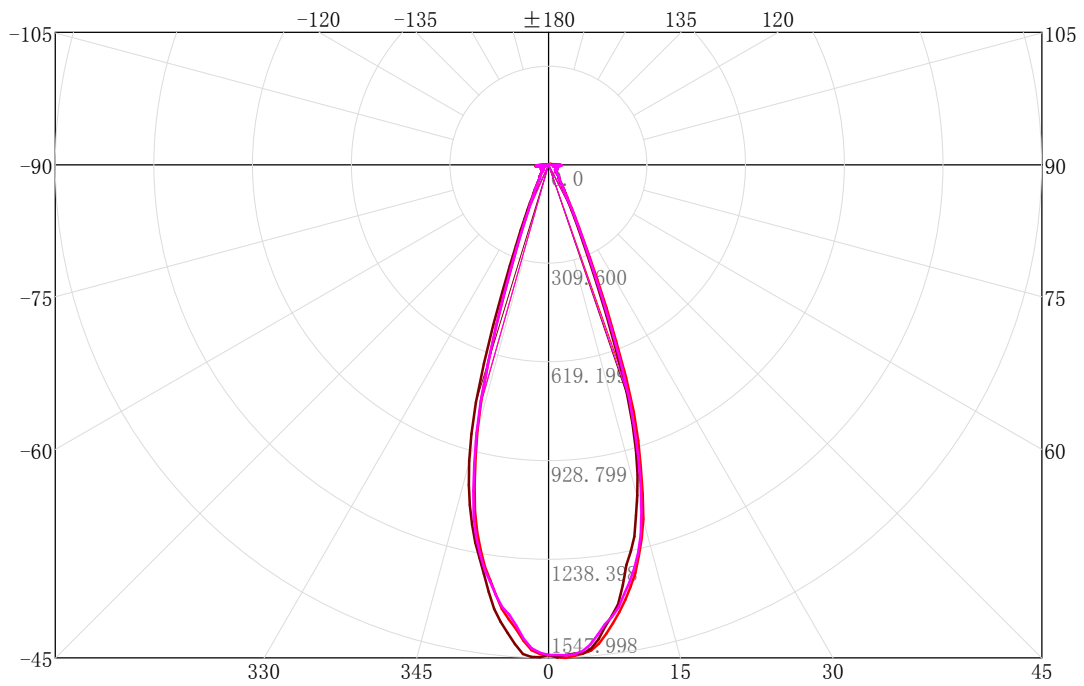
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2D Plane Light Intensity Distribution Curve

Lum. Name: LAL516-9W-3000K-RA90-35-SBK	Lum. Catalog: LED Recessed Spot Light	Light ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2023/12/04

C Plane Distribution Diagram



	C Plane	[50%MaxAng.]	[10%MaxAng.]	Unit:cd
—	C60.0_240.0 :	35.3	52.1	
—	C0.0_180.0 :	35.8	52.2	
—	C90.0_270.0 :	35.1	51.8	

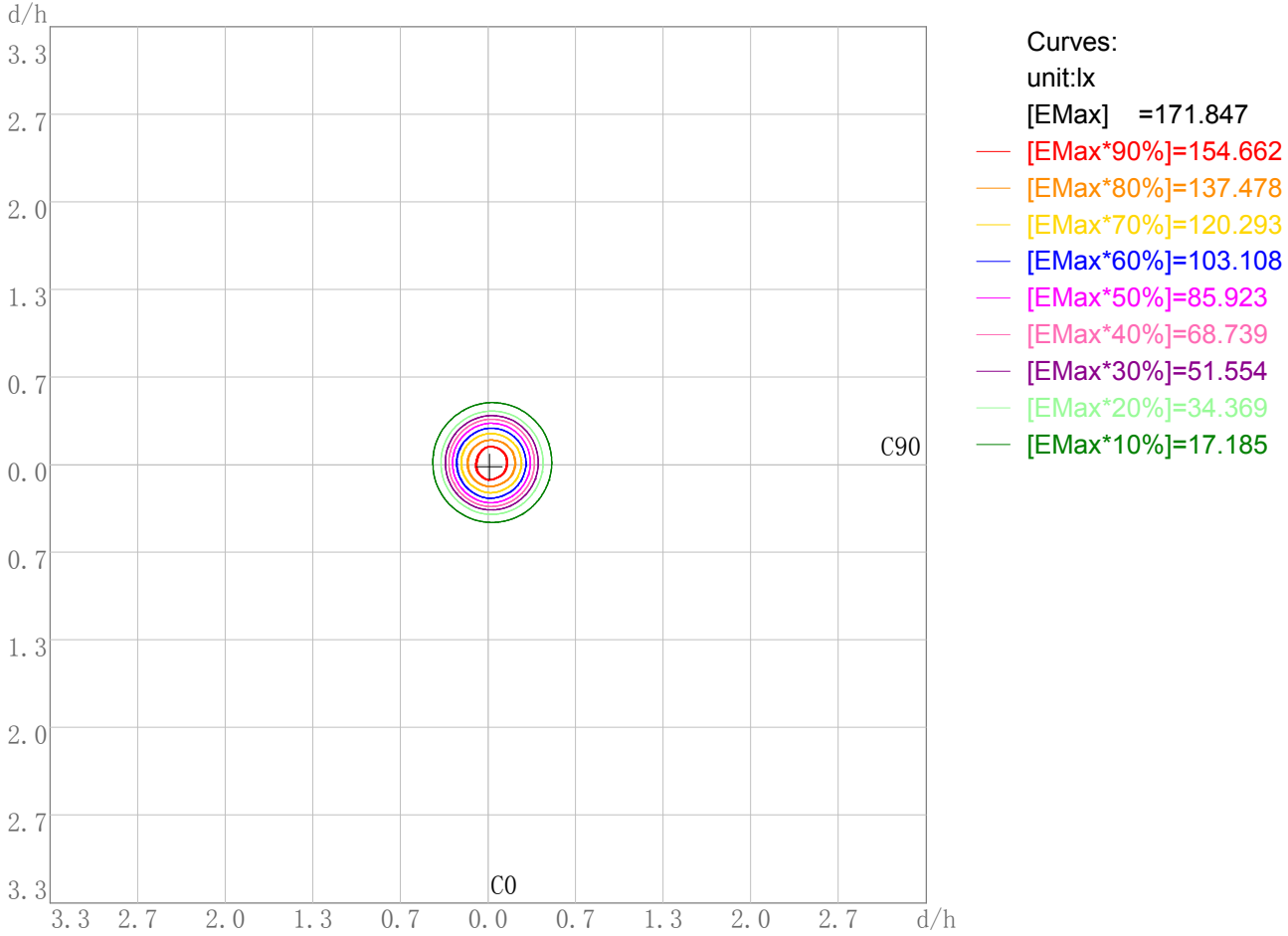
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Plane ISO-Illuminance Diagram

Lum. Name: LAL516-9W-3000K-RA90-35-SBK	Lum. Catalog: LED Recessed Spot Light	Height: 3.00
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2023/12/04

Plane ISO-Illuminance Curve



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Illuminance-Distance Diagram

Lum. Name: LAL516-9W-3000K-RA90-35-SBK	Lum. Catalog: LED Recessed Spot Light	Height:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2023/12/04

Illuminance-Distance Curve

