

IES Indoor Report

Photometric Filename: OJL153-18W-3000K-Ra90-35-SWH.IES

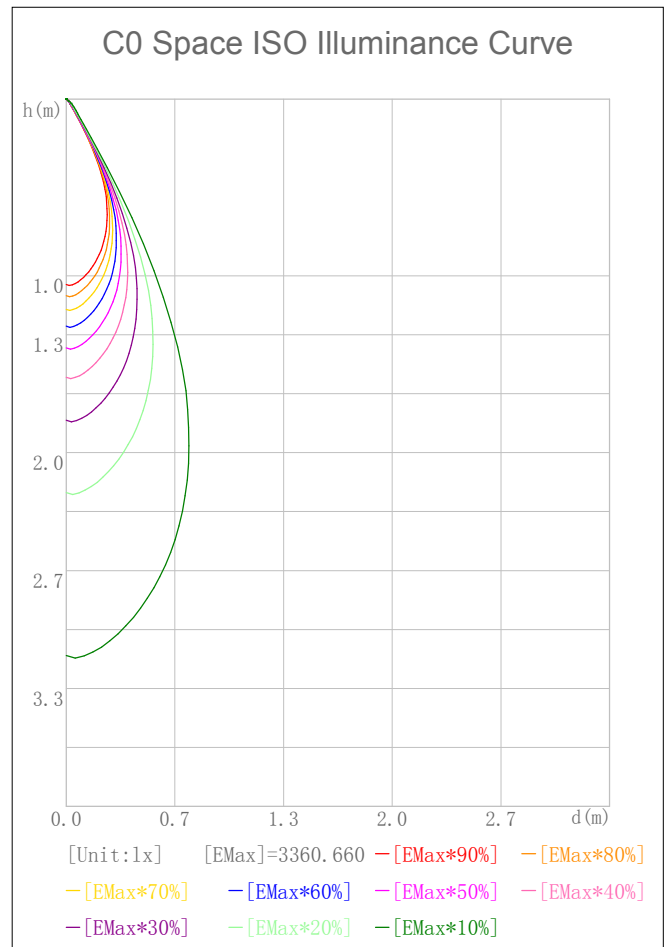
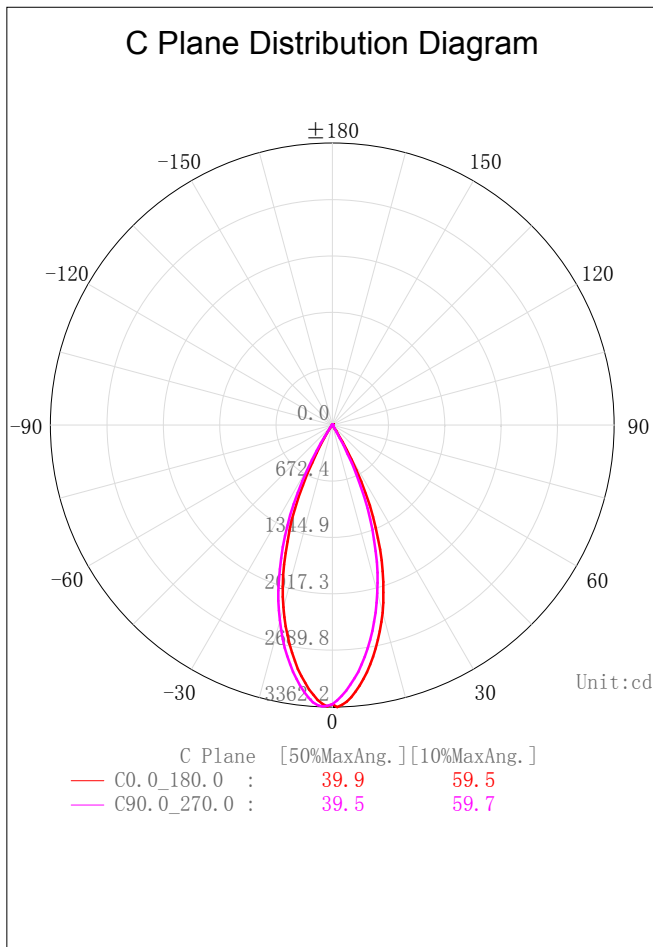
Indoor Luminaire Photometric Data

Description Information

Luminaire Name: OJL153-18W-3000K-Ra90-35-SWH		Lum. Catalog: LED Recessed Downlight	Light ID:
Lamp Name:		Lamp Catalog: COB	Test Date: 2023/11/30
Manufacture:		Shld. Ang(°):	Test Machine: GON-2000
Test Lab:		Frequency(Hz): 50	Lamp CCT(K): 3000 Ra: 90
Lum. Size (W*L*H): 0.001m*0.001m*0.001m		Lum. Area (m ²): 0.000	Lum. W (kg): 0.010
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	Luminaire Flux(lm): 1384.503	Field Angle(10%Imax): 59.5(°)	
Rated Power(W): 18	Luminaire Efficiency: 138450.29%	Down Lumens&Percent: 1384.502lm 100.00%	
Rated Voltage(V): 220	Luminaire EER(lm/W): 66.691	Up Lumens&Percent: 0.001lm 0.00%	
Tested Power(W): 20.760	Max. Candela(cd): 3362.196	S/MH: CO_a180=0.649 C90_270=0.640	
Lamps' Inside: 1	Max Cand@Ang.(°): C=0.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf): 110.3, 0.189, 0.993	Beam Angle(50%Imax): 39.9(°)	ErP Φ use(90°): 1376.043lm	
Lamp Size(W*L*H): 0.001m*0.001m*0.001m	Left=-19.6°, Right=20.3°	IRF (%): 490.978	



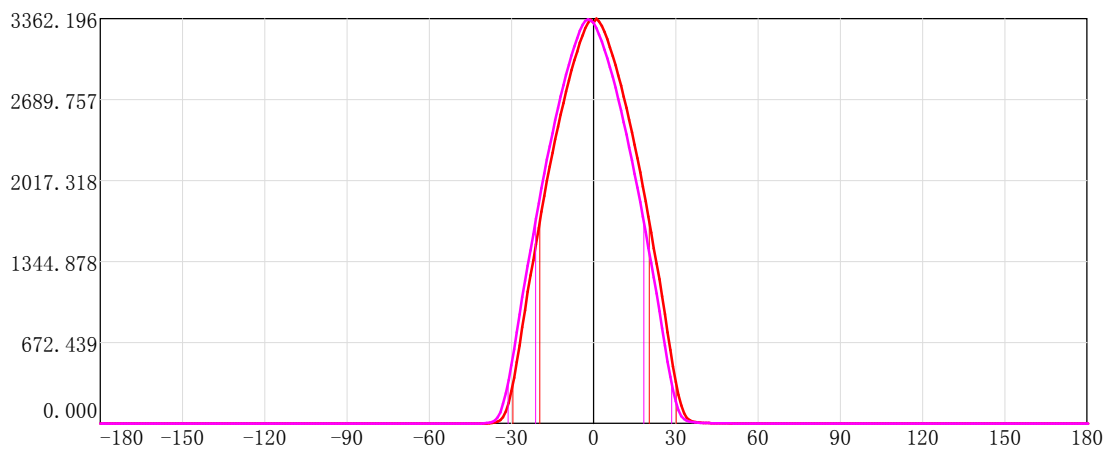
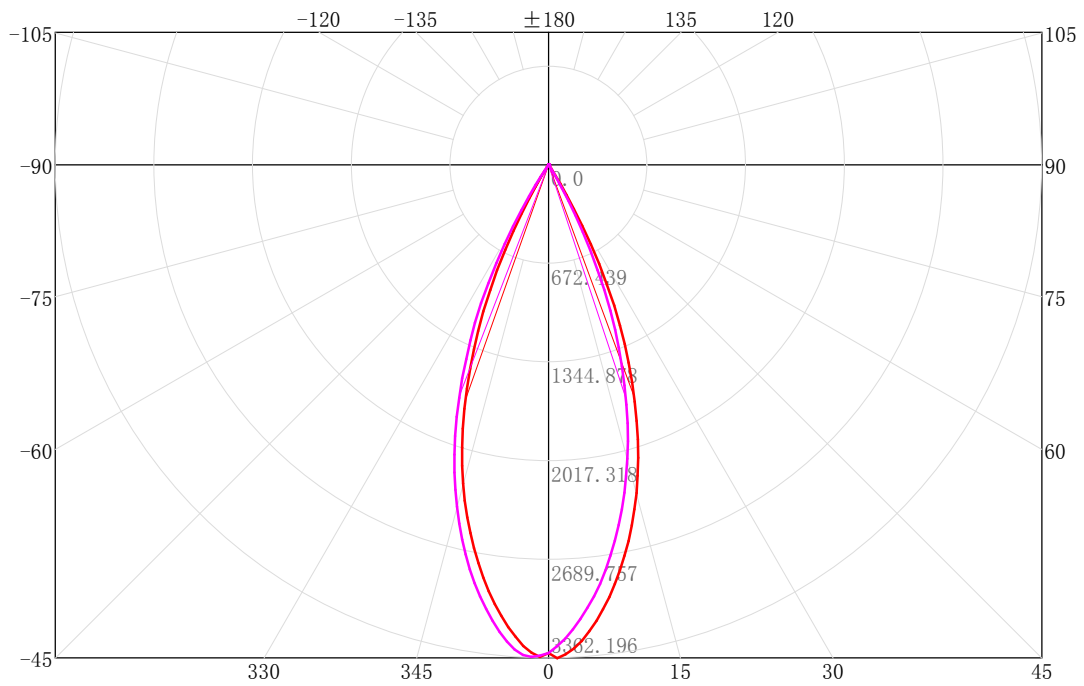
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2D Plane Light Intensity Distribution Curve

Lum. Name: OJL153-18W-3000K-Ra90-35-SWH	Lum. Catalog: LED Recessed Downlight	Light ID:
Lamp Name:	Lamp Catalog: COB	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2023/11/30

C Plane Distribution Diagram



	C Plane	[50%MaxAng.]	[10%MaxAng.]	Unit:cd
—	C0.0_180.0 :	39.9	59.5	
—	C90.0_270.0 :	39.5	59.7	

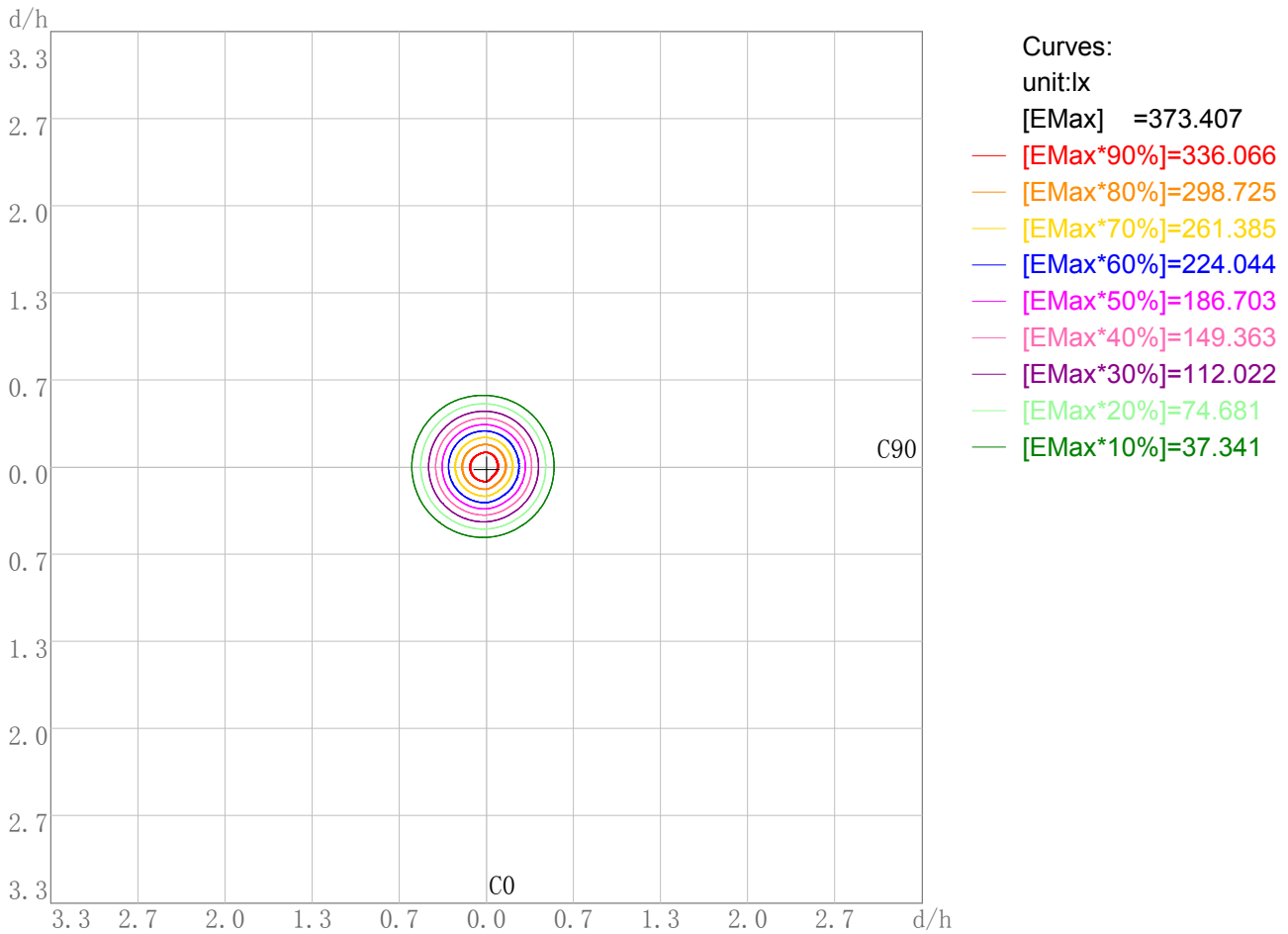
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Plane ISO-Illuminance Diagram

Lum. Name: OJL153-18W-3000K-Ra90-35-SWH	Lum. Catalog: LED Recessed Downlight	Height: 3.00
Lamp Name:	Lamp Catalog: COB	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2023/11/30

Plane ISO-Illuminance Curve



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Illuminance-Distance Diagram

Lum. Name: OJL153-18W-3000K-Ra90-35-SWH	Lum. Catalog: LED Recessed Downlight	Height: 11.897ft
Lamp Name:	Lamp Catalog: COB	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2023/11/30

Illuminance-Distance Curve

