

IES Indoor Report

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

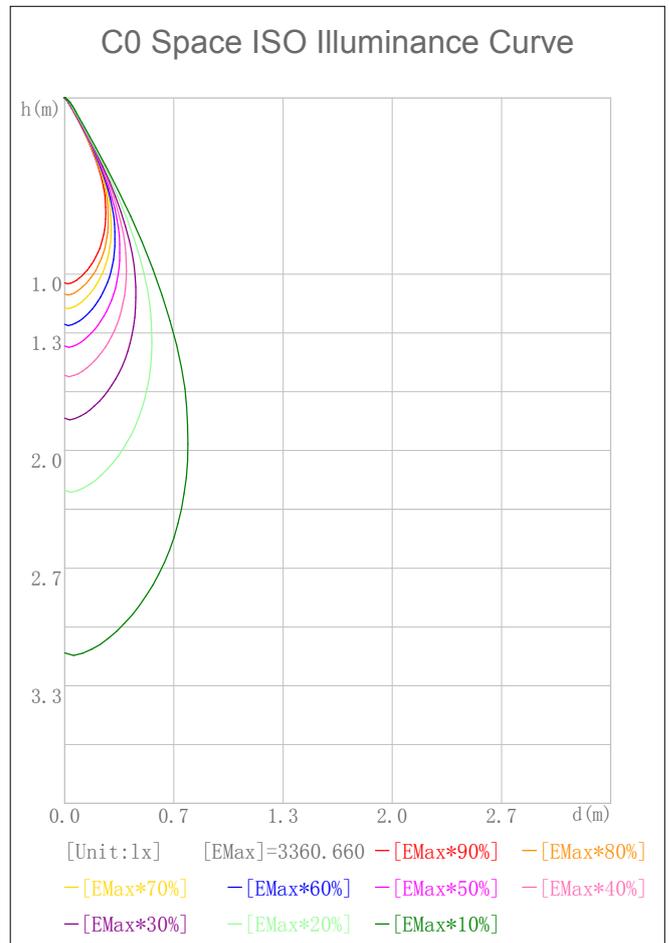
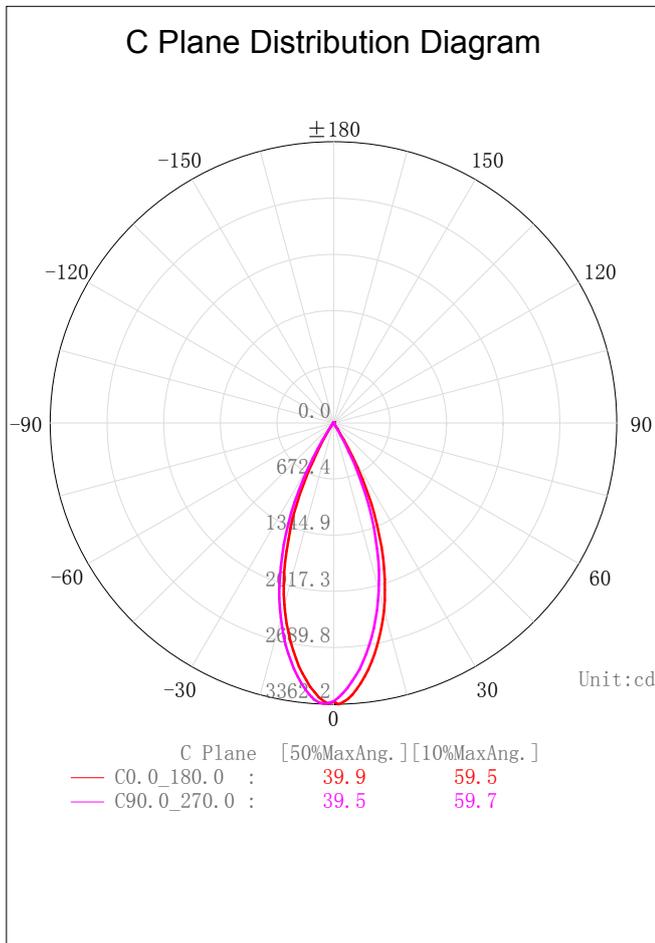
Indoor Luminaire Photometric Data

Description Information

Luminaire Name: OJL153-18W-3000K-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
Rated Power(W):	18	Luminaire Efficiency:	138450.29%
Rated Voltage(V):	220	Luminaire EER(lm/W):	66.691
Tested Power(W):	20.760	Max. Candela(cd):	3362.196
Lamps' Inside:	1	Max Cand@Ang. (°):	C=0.0 γ=1.0
Tested Electrics(V, A, pf):	110.3, 0.189, 0.993	Beam Angle(50%Imax):	39.9(°)
Lamp Size(W*L*H):	0.001m*0.001m*0.001m	Left=-19.6°, Right=20.3°	IRF(%): 490.978
		Field Angle(10%Imax):	59.5(°)
		Down Lumens&Percent:	1384.502lm 100.00%
		Up Lumens&Percent:	0.001lm 0.00%
		S/MH:	CO_a180=0.649 C90_270=0.640
		CIE Type:	Semi-Direct
		ErP Φ use(90°):	1376.043lm



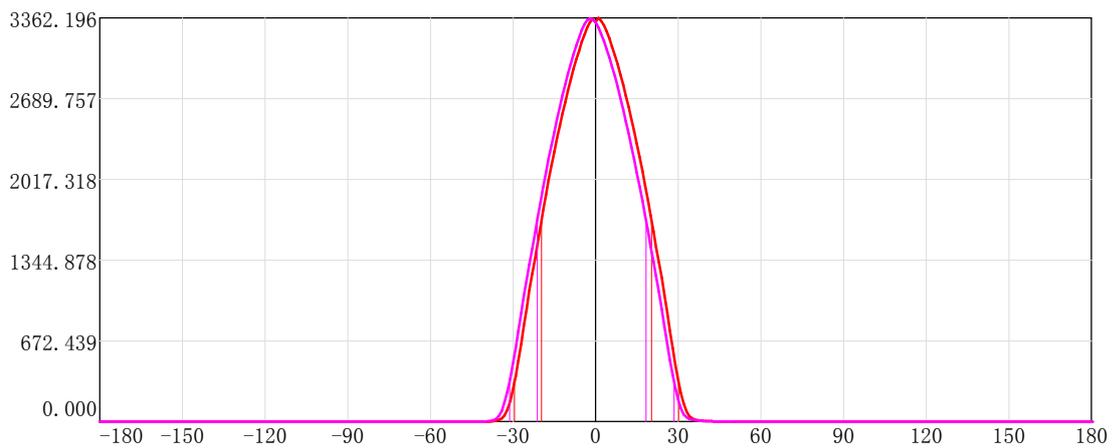
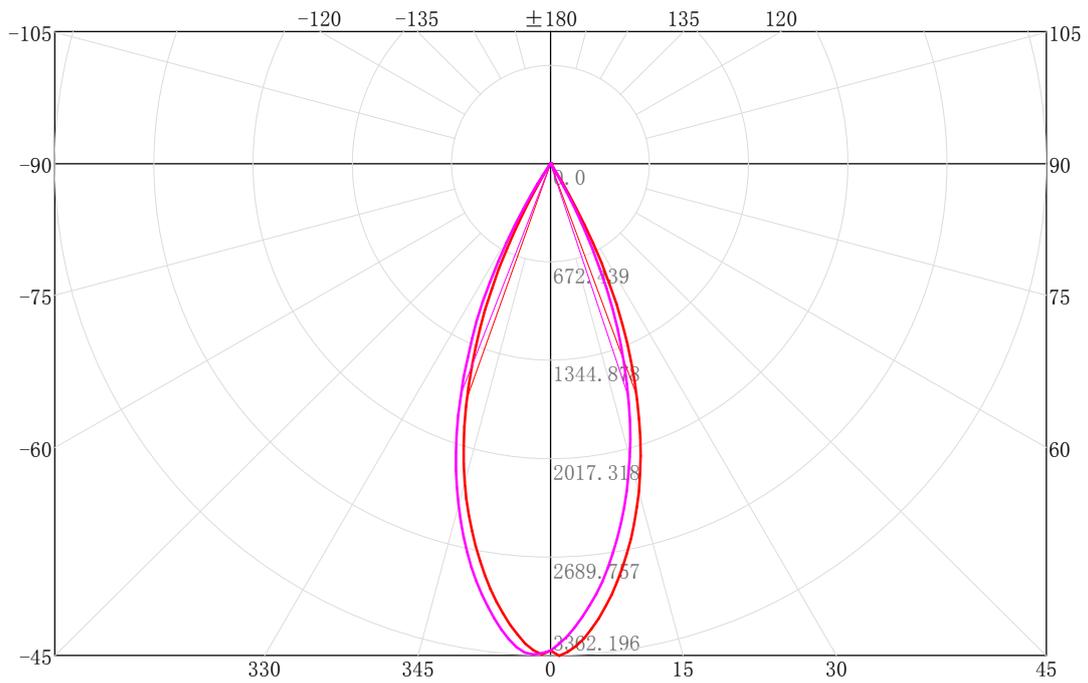
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2D Plane Light Intensity Distribution Curve

Lum. Name: OJL153-18W-3000K-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	

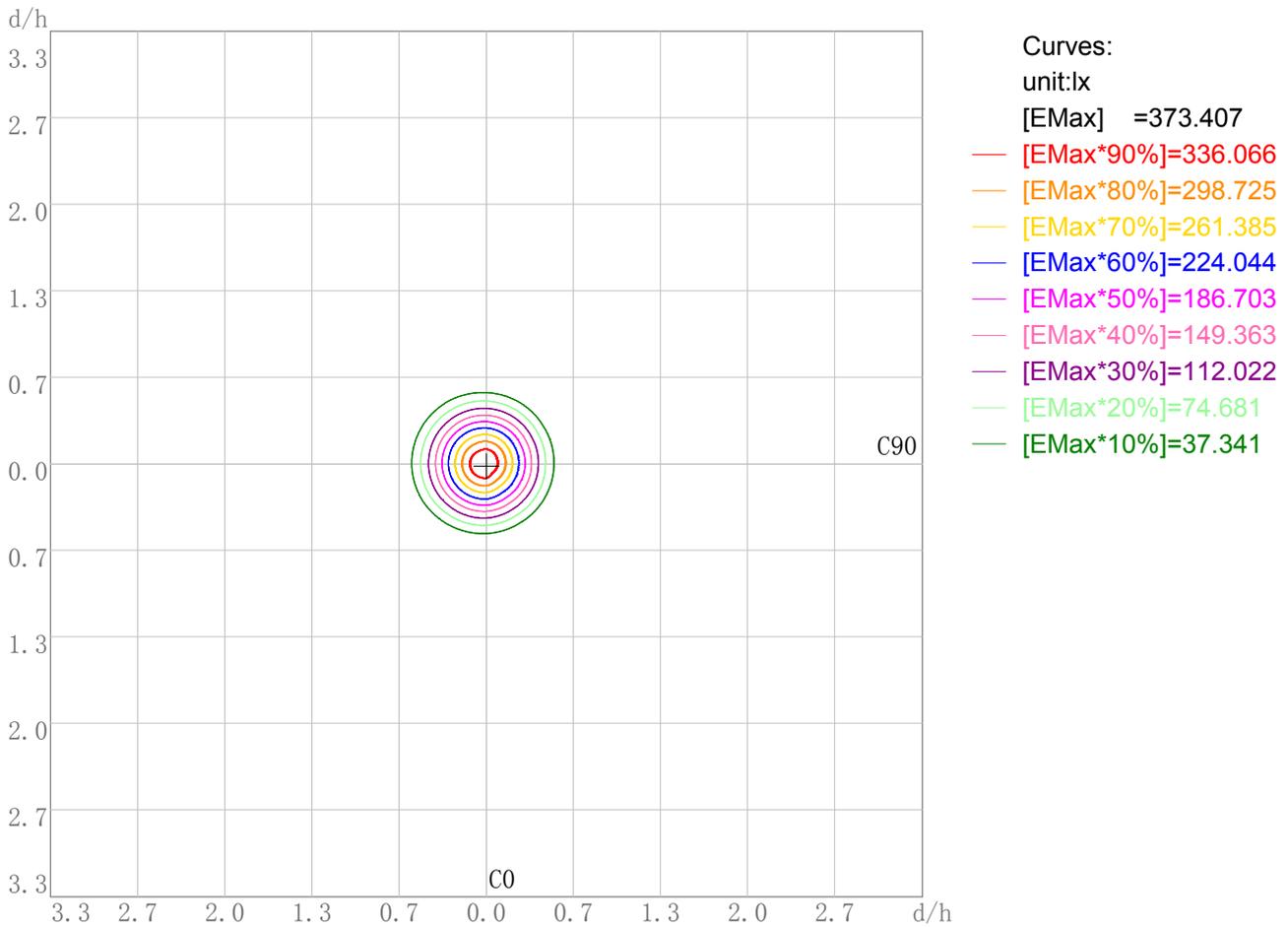
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Plane ISO-Illuminance Diagram

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

Illuminance-Distance Curve

