

IES Indoor Report

Photometric Filename: OJL153-18W-3000K-RA90-35-SBK.IES

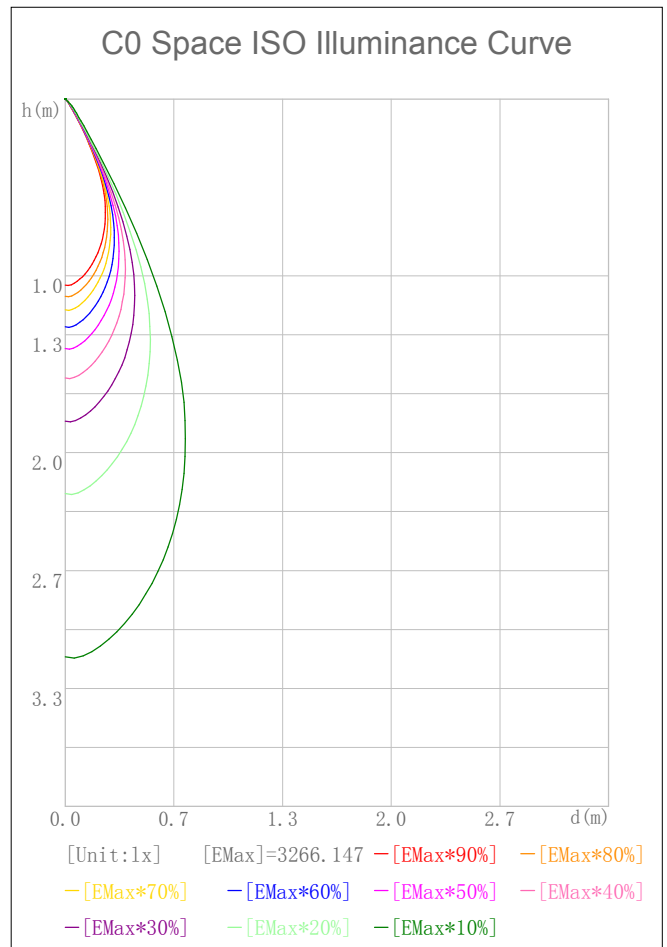
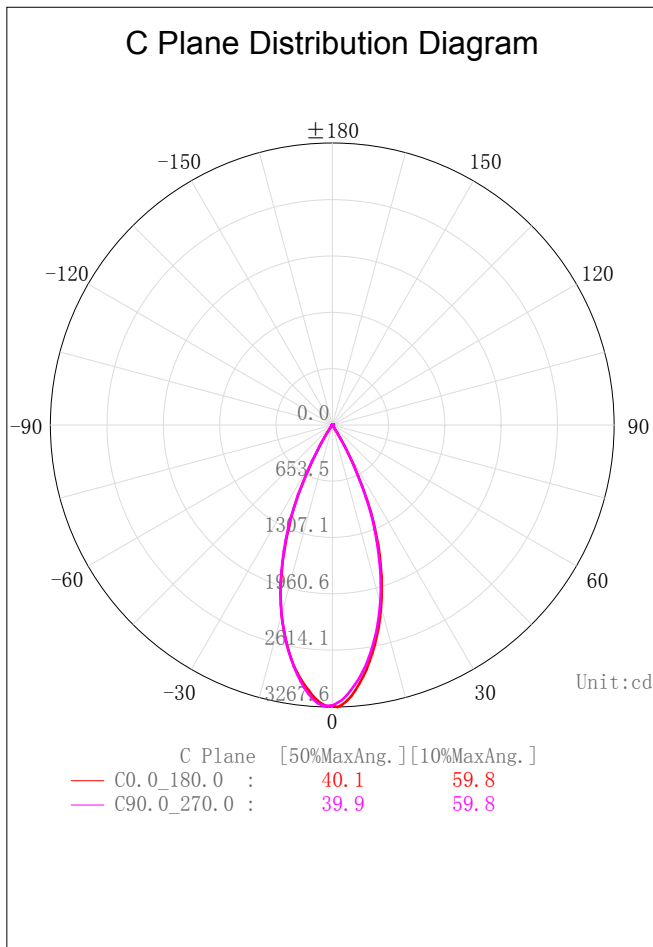
Indoor Luminaire Photometric Data

Description Information

Luminaire Name: OJL153-18W-3000K-RA90-35-SBK		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):	Lamp CCT(K): Ra:
Lum. Size (W*L*H): 0.001m*0.001m*0.001m		Lum. Area (m2): 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): 1361.727	Field Angle(10%Imax): 59.8(°)	
Rated Power(W):	Luminaire Efficiency: 136172.71%	Down Lumens&Percent: 1361.263lm 99.97%	
Rated Voltage(V):	Luminaire EER(lm/W): 65.030	Up Lumens&Percent: 0.464lm 0.03%	
Tested Power(W): 20.940	Max. Candela(cd): 3267.640	S/MH: CO_a180=0.649 C90_270=0.644	
Lamps' Inside: 1	Max Cand@Ang.(°): C=0.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf): 110.5, 0.190, 0.993	Beam Angle(50%Imax): 40.1(°)	ErP Φ use(90°): 1362.189lm	
Lamp Size(W*L*H): 0.001m*0.001m*0.001m	Left=-20.3°, Right=19.8°	IRF (%): 500.173	



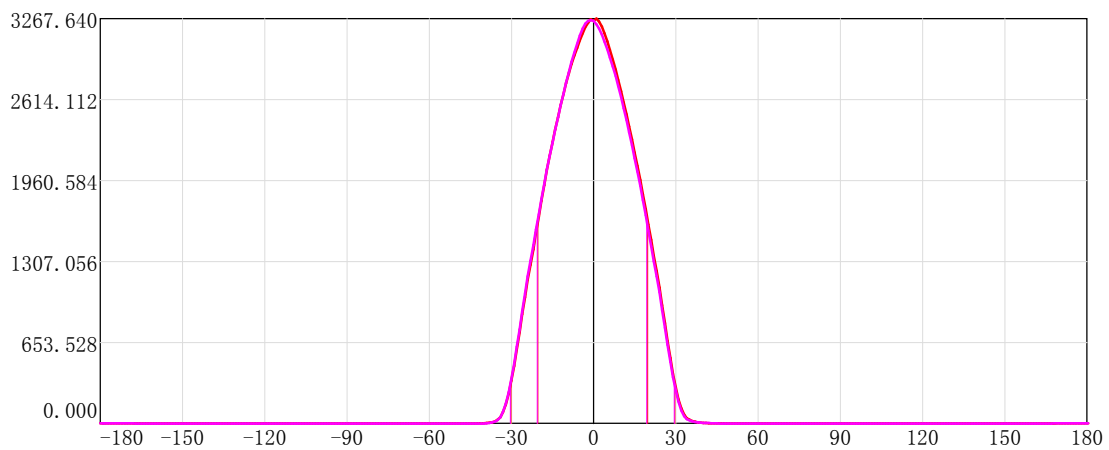
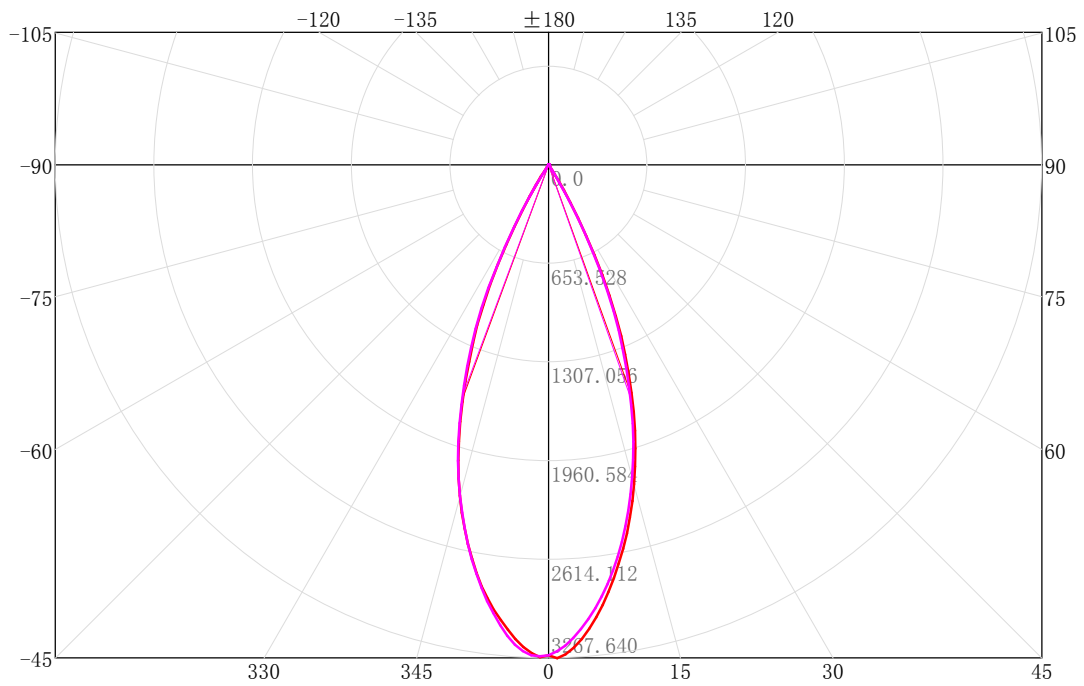
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2D Plane Light Intensity Distribution Curve

Lum. Name: OJL153-18W-3000K-RA90-35-SBK	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 :	40.1	59.8	
—	C90.0_270.0 :	39.9	59.8	

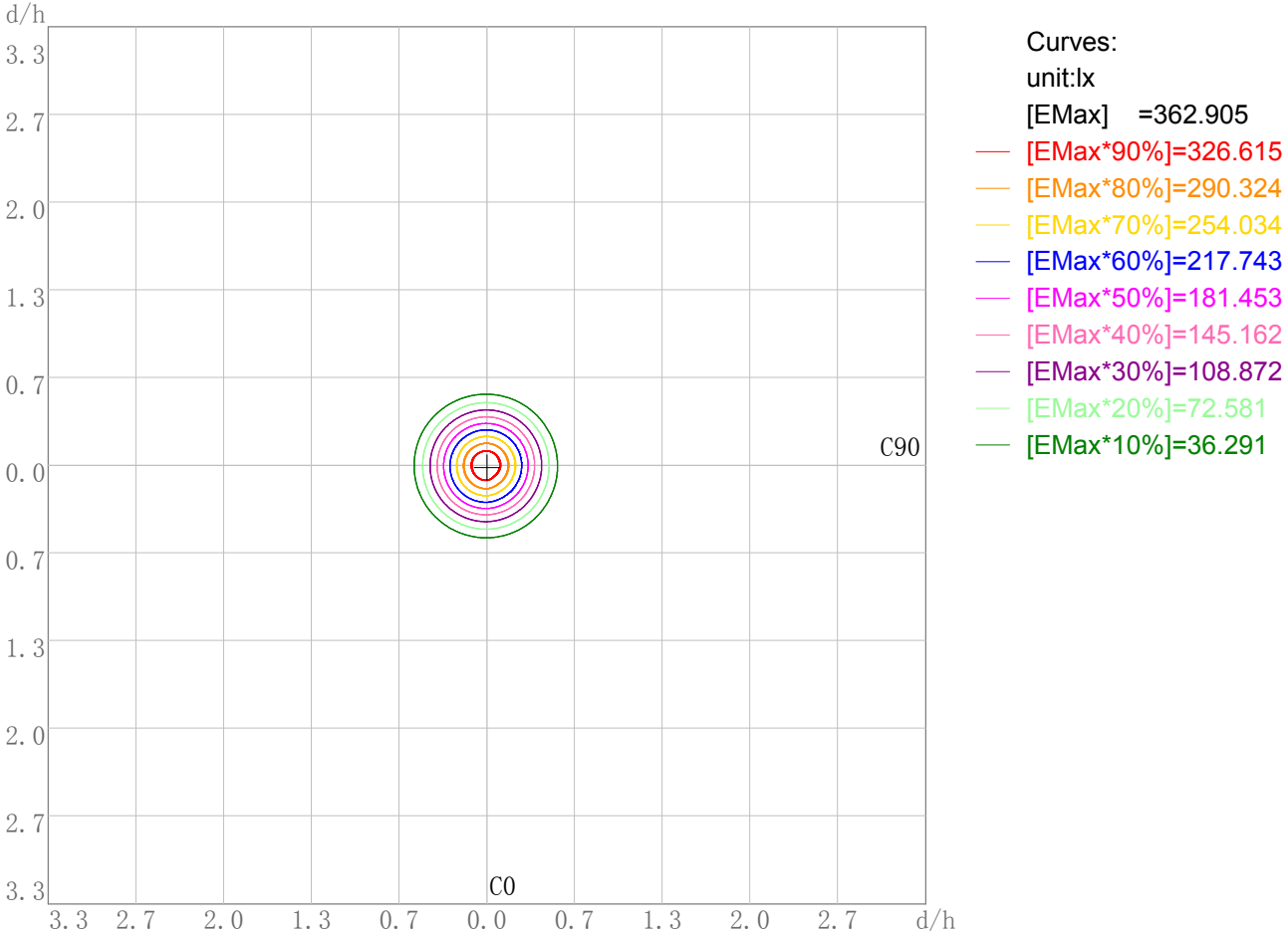
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Plane ISO-Illuminance Diagram

Lum. Name: OJL153-18W-3000K-RA90-35-SBK	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



Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 362.91
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

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Illuminance-Distance Diagram

Lum. Name: OJL153-18W-3000K-RA90-35-SBK	Lum. Catalog: LED Recessed Downlight	Height: 11.960ft
Lamp Name:	Lamp Catalog: COB	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2023/11/30

Illuminance-Distance Curve

