

IES Indoor Report

Photometric Filename: OJL158-25W-3000K-RA80-30°.IES

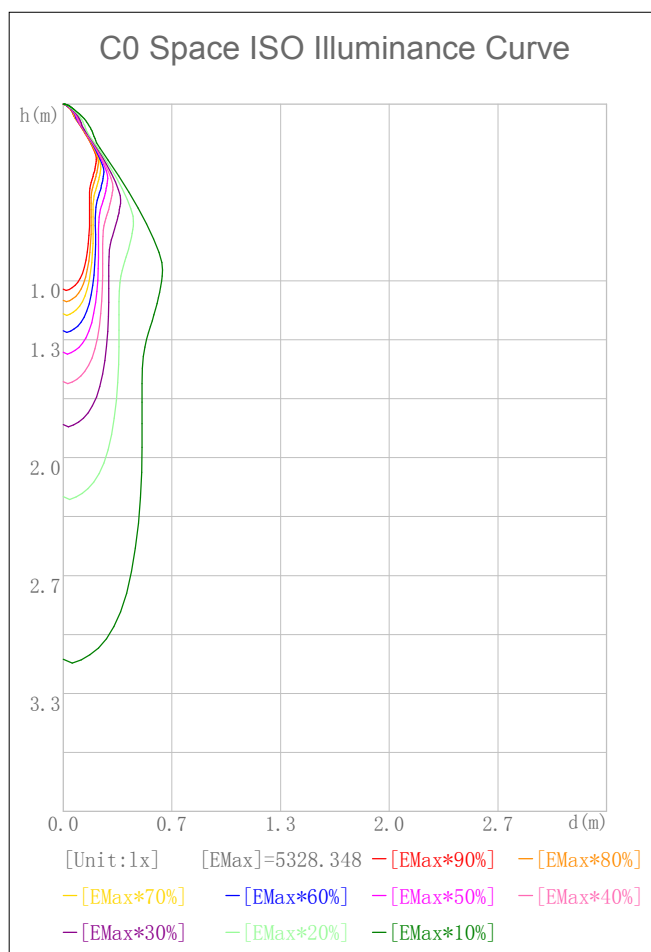
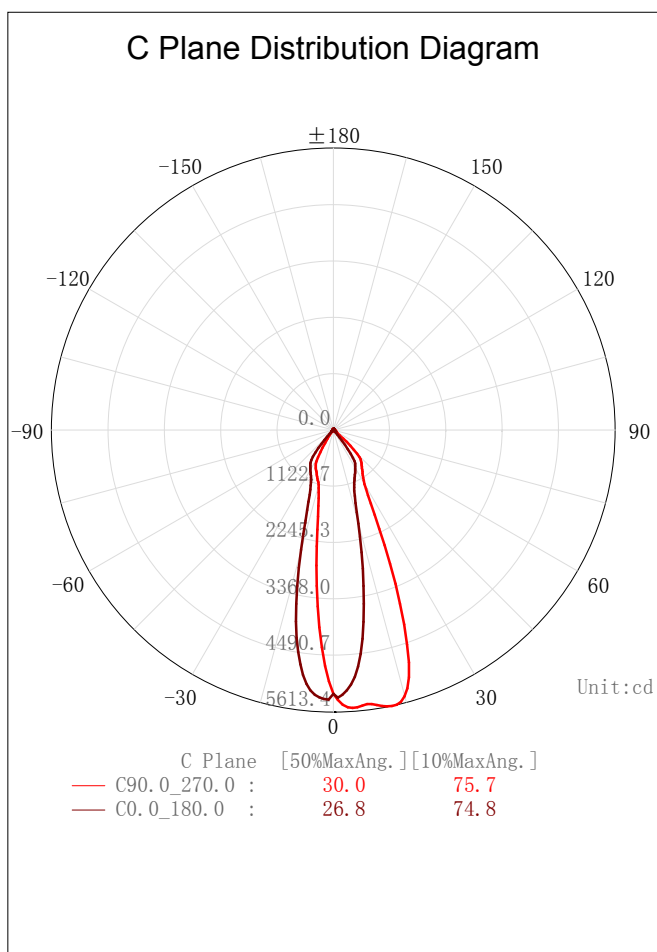
Indoor Luminaire Photometric Data

Description Information

Luminary Name: OJL158 25W 3000K RA80 30°		Lum. Catalog: LED	Test ID:
Lamp Name: CREE CXA1816 3000K RA80		Lamp Catalog: COB	Test Date: 2021/10/12
Manufacture: Raynice		Shld. Ang(°):	Test Machine: GON-2000
Test Lab: Raynice		Frequency(Hz):	Lamp CCT(K): Ra:
Lum. Size (W*L*H): 0.000m*0.000m*0.000m		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	Luminary Flux(lm): 2374.853	Field Angle(10%Imax): 75.7(°)	
Rated Power(W):	Luminary Efficiency: 237485.34%	Down Lumens&Percent: 2355.768lm 99.20%	
Rated Voltage(V):	Luminary EER(lm/W): 92.768	Up Lumens&Percent: 19.085lm 0.80%	
Tested Power(W): 25.600	Max. Candela(cd): 5613.361	S/MH: CO_a180=0.461 C90_270=0.529	
Lamps' Inside: 1	Max Cand@Ang.(°): C=90.0 γ=12.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf): 220.9, 0.122, 0.947	Beam Angle(50%Imax): 30.0(°)	ErP Φ use(90°): 2322.595lm	
Lamp Size(W*L*H): 0.000m*0.000m*0.000m	Left=-6.8°, Right=23.2°	IRF (%): 518.266	



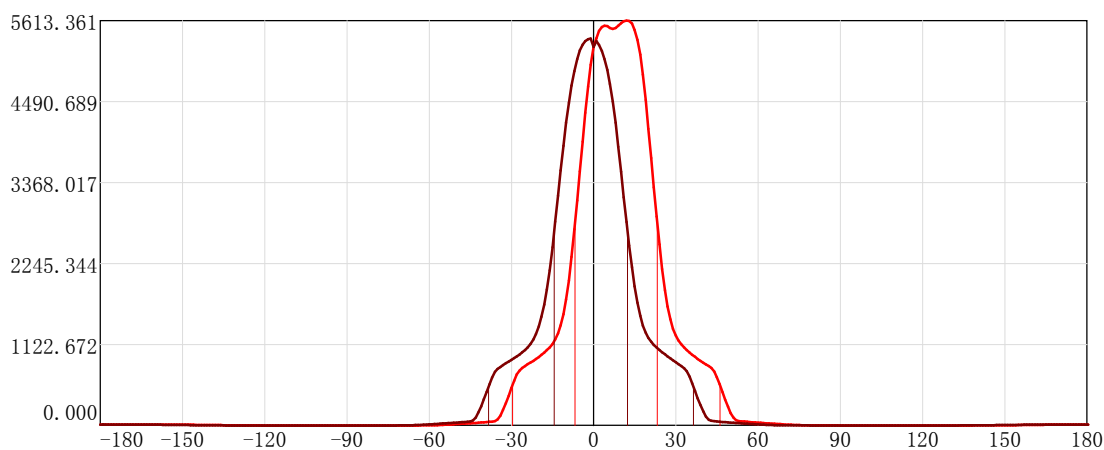
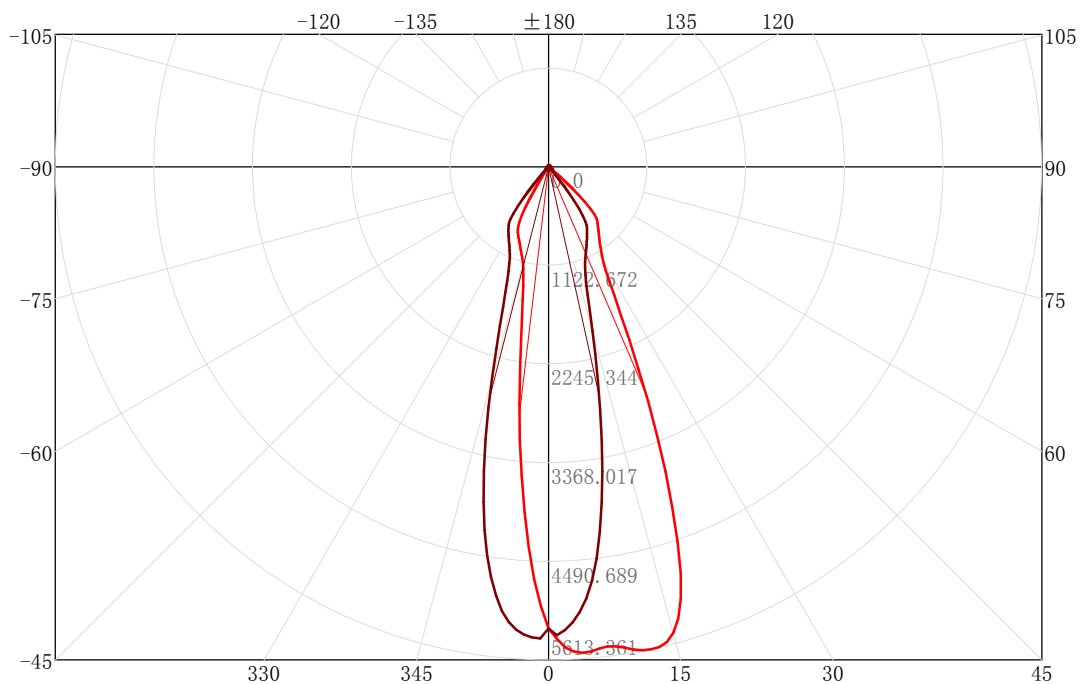
IES Indoor Report

Photometric Filename: OJL158-25W-3000K-RA80-30°.IES

2D Plane Light Intensity Distribution Curve

Lum. Name: OJL158 25W 3000K RA80 30°	Lum. Catalog: LED	Test ID:
Lamp Name: CREE CXA1816 3000K RA80	Lamp Catalog: COB	Test Lab: Raynice
Manufacture: Raynice	Test Machine: GON-2000	Test Date: 2021/10/12

C Plane Distribution Diagram



	C Plane	[50%MaxAng.]	[10%MaxAng.]	Unit:cd
—	C90.0_270.0 :	30.0	75.7	
—	C0.0_180.0 :	26.8	74.8	

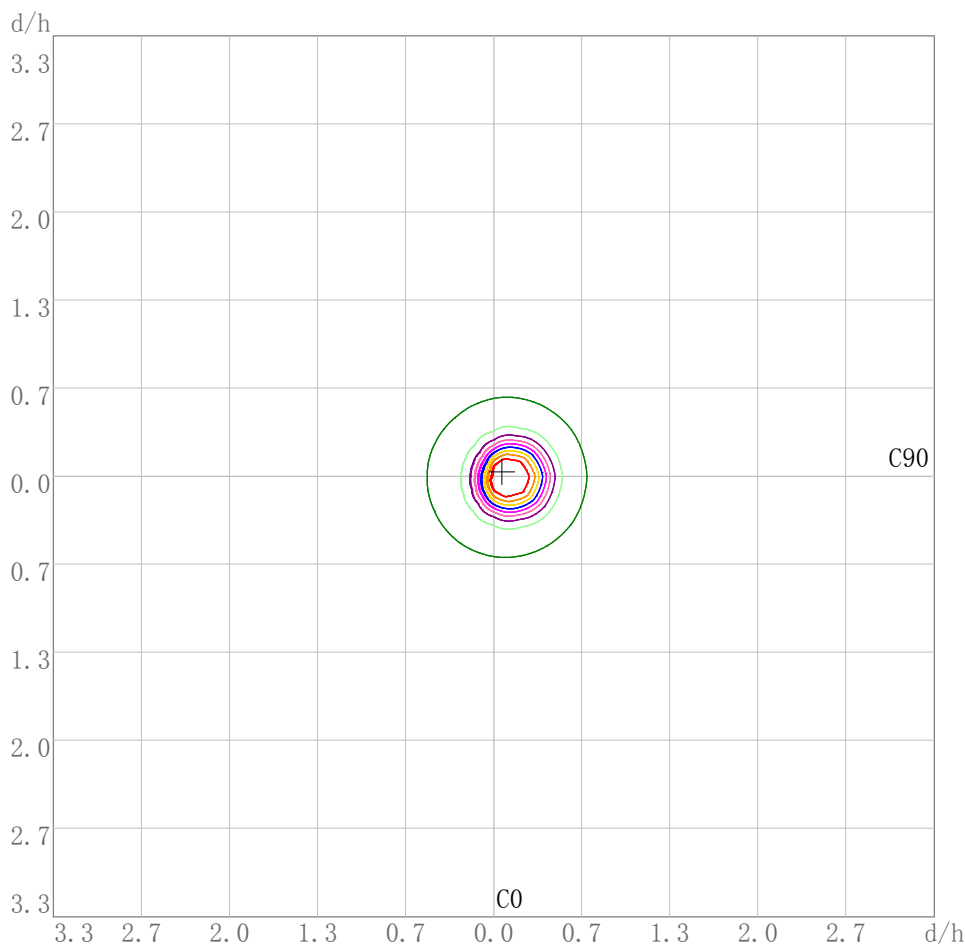
IES Indoor Report

Photometric Filename: OJL158-25W-3000K-RA80-30°.IES

Plane ISO-Illuminance Diagram

Lum. Name: OJL158 25W 3000K RA80 30°	Lum. Catalog: LED	Test ID:
Lamp Name: CREE CXA1816 3000K RA80	Lamp Catalog: COB	Test Lab: Raynice
Manufacture: Raynice	Test Machine: GON-2000	Test Date: 2021/10/12

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 611.41
Working Plane Maximum Illuminance Position(d/h): H0.1 V-0.0

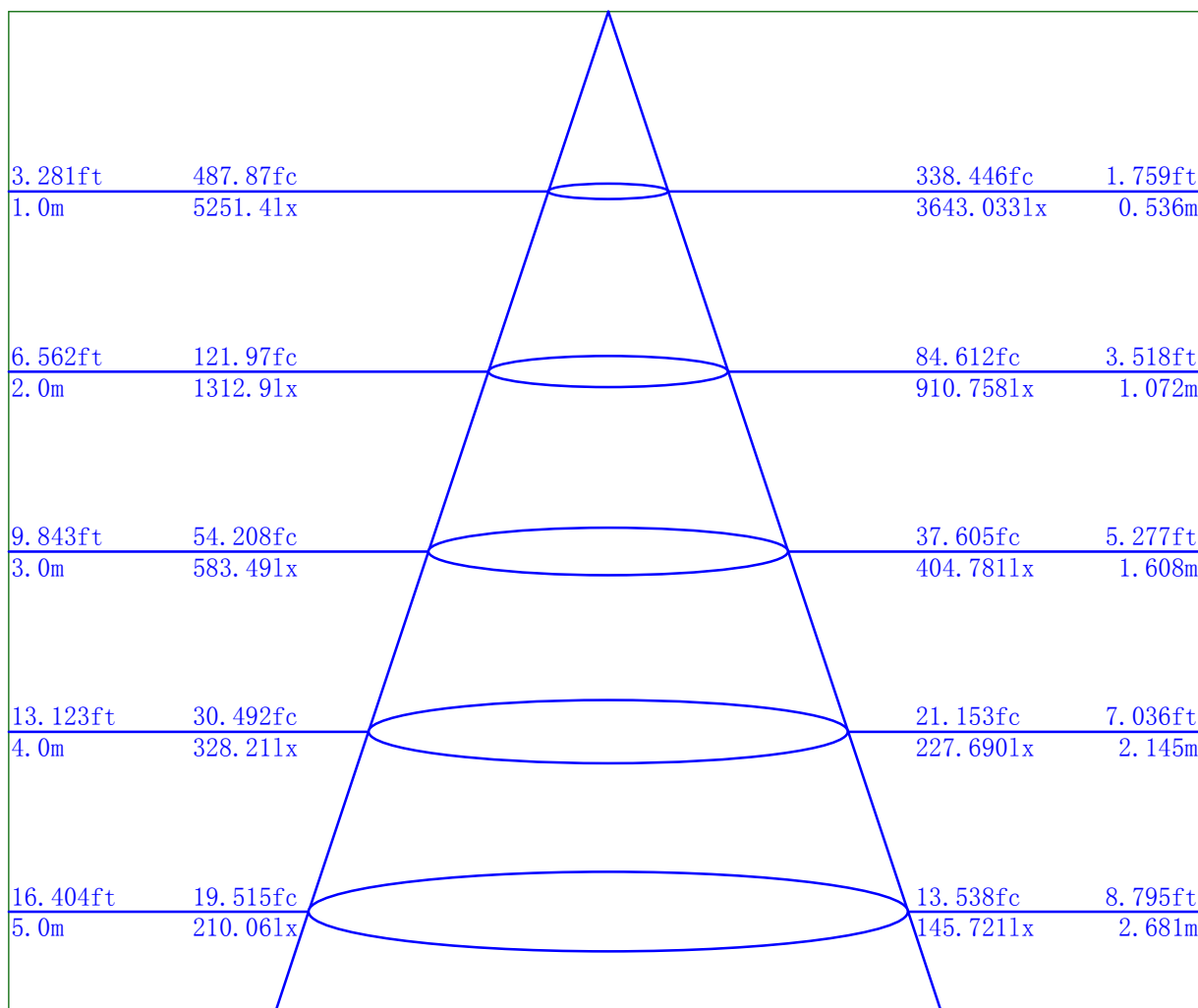
IES Indoor Report

Photometric Filename: OJL158-25W-3000K-RA80-30°.IES

Illuminance-Distance Diagram

Lum. Name: OJL158 25W 3000K RA80 30°	Lum. Catalog: LED	Test ID:
Lamp Name: CREE CXA1816 3000K RA80	Lamp Catalog: COB	Test Lab: Raynice
Manufacture: Raynice	Test Machine: GON-2000	Test Date: 2021/10/12

Illuminance-Distance Curve



Height

Center E

Average E

Diameter

Beam Angle: 30.0