

# IES Indoor Report

Photometric Filename:OJL158 12W 3000K RA80 35°.IES

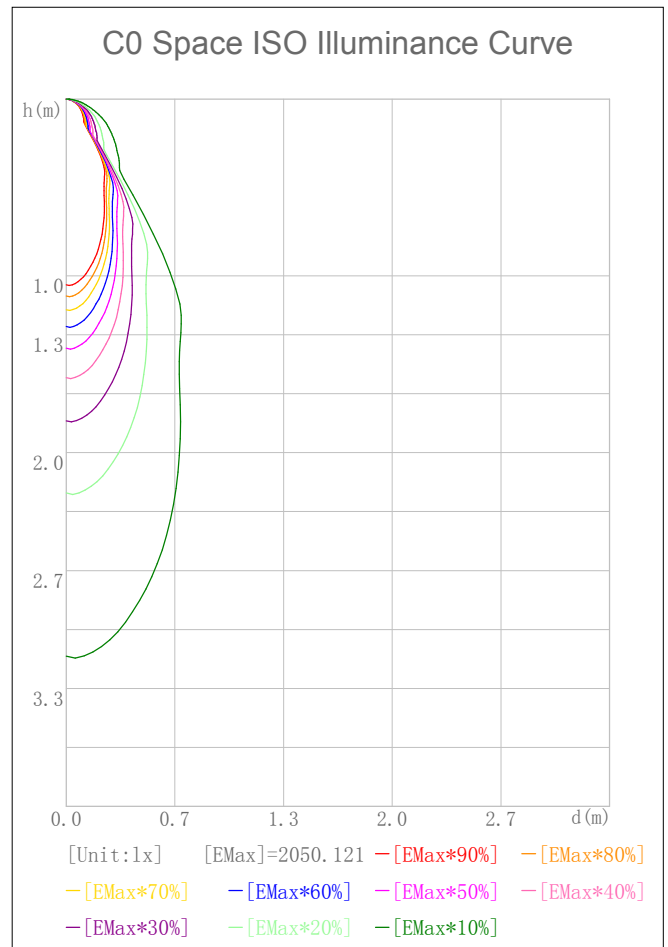
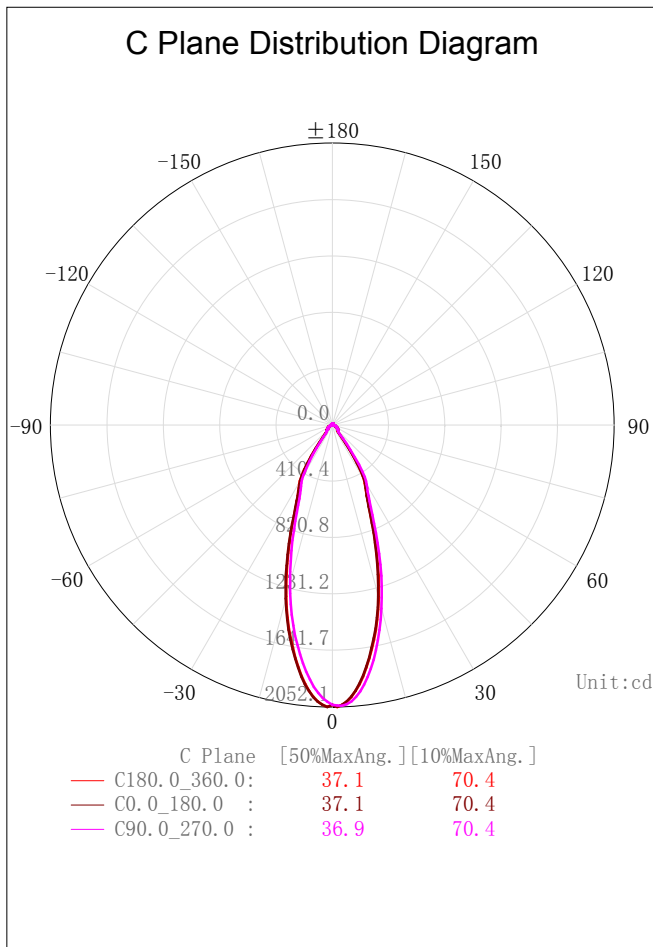
## Indoor Luminaire Photometric Data

### Description Information

Luminary Name: OJL158 12W 3000K RA80 35°		Lum. Catalog: LED	Test ID:
Lamp Name: CREE CXA1507 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): 1096.024	Field Angle(10%Imax): 70.4(°)	
Rated Power(W):	Luminary Efficiency: 109602.43%	Down Lumens&Percent: 1079.282lm 98.47%	
Rated Voltage(V):	Luminary EER(lm/W): 81.671	Up Lumens&Percent: 16.743lm 1.53%	
Tested Power(W): 13.420	Max. Candela(cd): 2052.079	S/MH: C0_a180=0.605 C90_270=0.599	
Lamps' Inside: 1	Max Cand@Ang.(°): C=180.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):110.4, 0.122, 0.996	Beam Angle(50%Imax): 37.1(°)	ErP Φ use(90°): 982.869lm	
Lamp Size(W*L*H):0.000m*0.000m*0.000m	Left=-18.5°, Right=18.6°	IRF(%): 425.685	



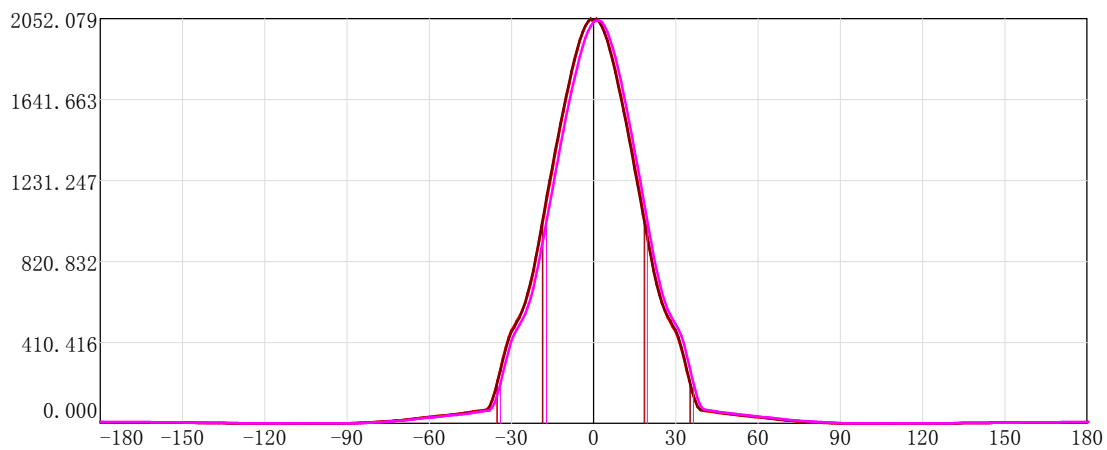
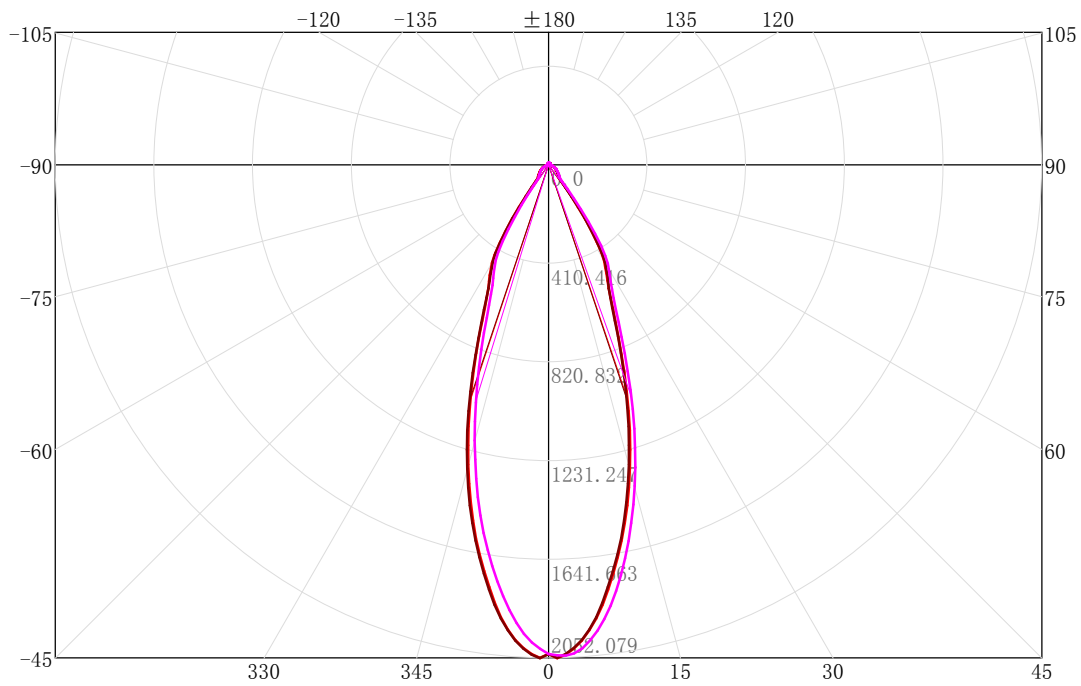
# IES Indoor Report

Photometric Filename: OJL158 12W 3000K RA80 35°.IES

## 2D Plane Light Intensity Distribution Curve

Lum. Name: OJL158 12W 3000K RA80 35°	Lum. Catalog: LED	Test ID:
Lamp Name: CREE CXA1507 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
—	C180.0_360.0:	37.1	70.4	
—	C0.0_180.0 :	37.1	70.4	
—	C90.0_270.0 :	36.9	70.4	

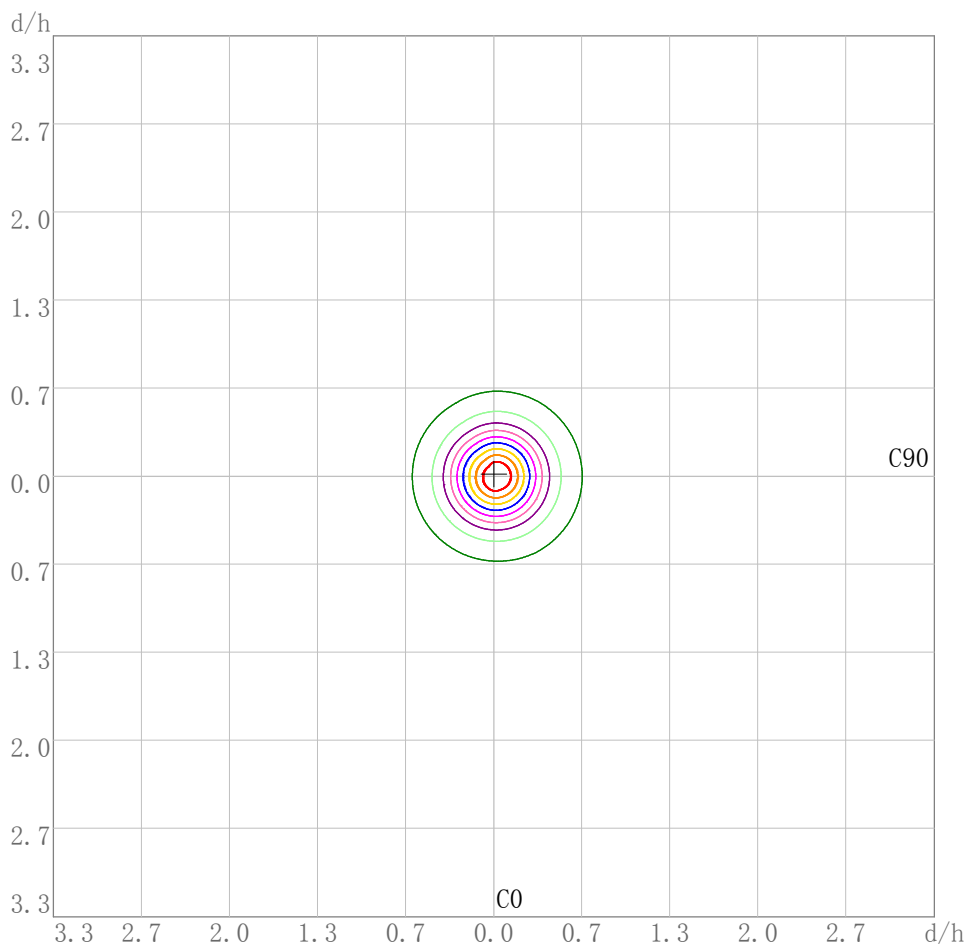
# IES Indoor Report

Photometric Filename: OJL158 12W 3000K RA80 35°.IES

## Plane ISO-Illuminance Diagram

Lum. Name: OJL158 12W 3000K RA80 35°	Lum. Catalog: LED	Test ID:
Lamp Name: CREE CXA1507 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): 227.90  
Working Plane Maximum Illuminance Position(d/h): H0.0 V-0.0

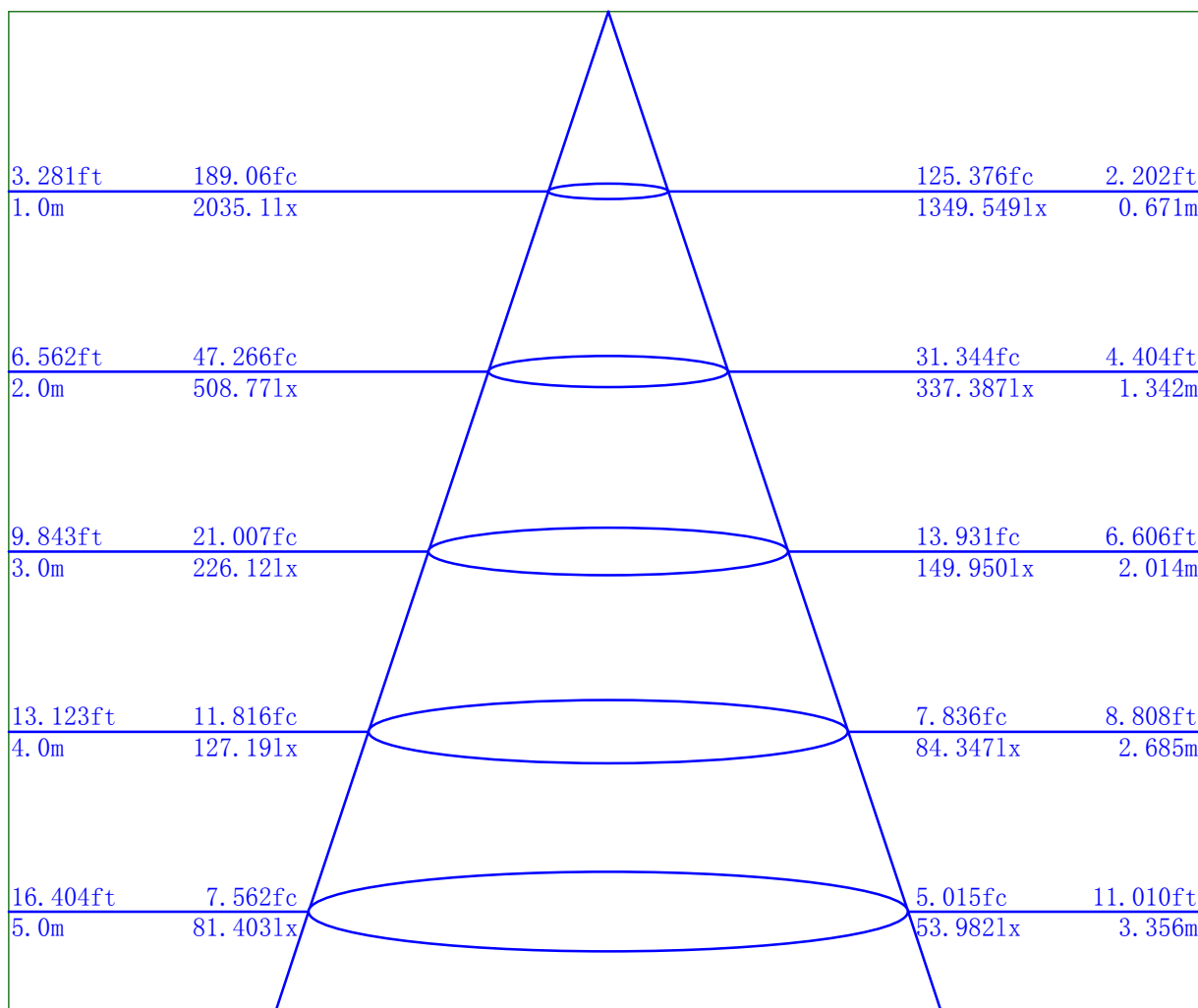
# IES Indoor Report

Photometric Filename: OJL158 12W 3000K RA80 35°.IES

## Illuminance-Distance Diagram

Lum. Name: OJL158 12W 3000K RA80 35°	Lum. Catalog: LED	Test ID:
Lamp Name: CREE CXA1507 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: 37.1