

# IES Indoor Report

Photometric Filename:OJL159 12W 3000K RA80 35°.IES

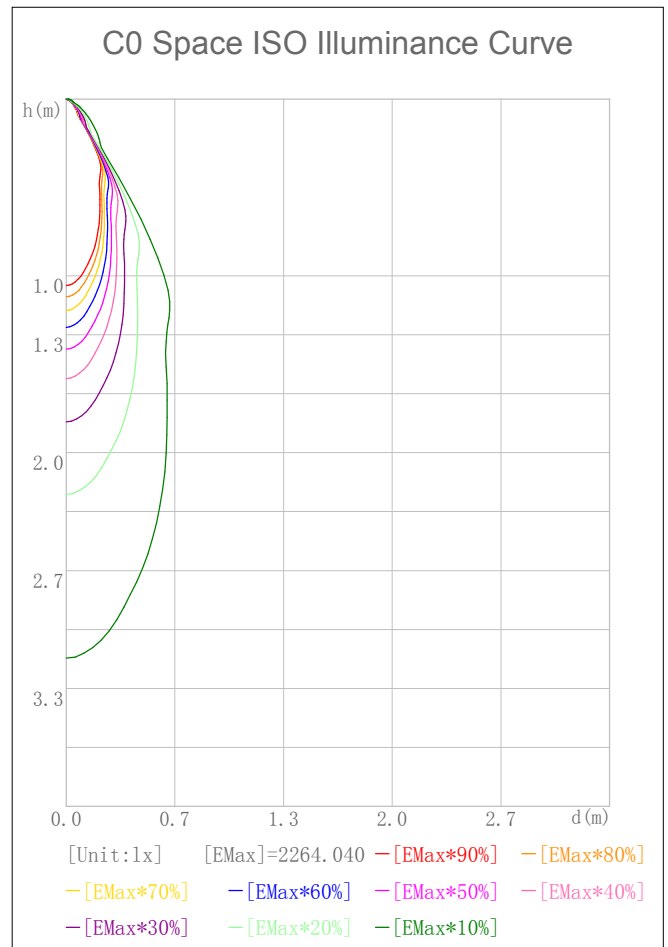
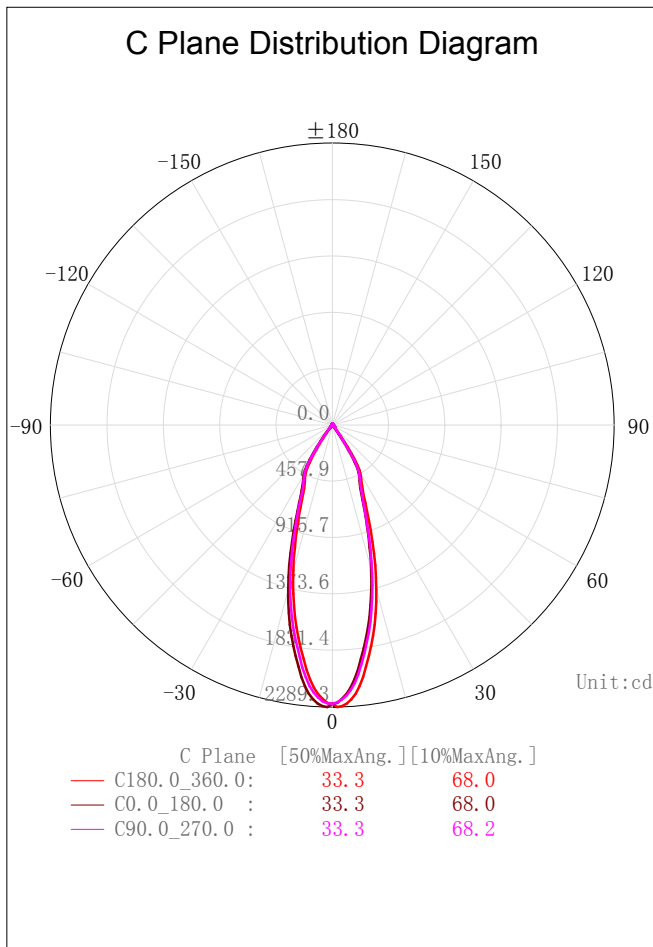
## Indoor Luminaire Photometric Data

### Description Information

Luminary Name: OJL159 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): 961.712	Field Angle(10%Imax): 68.0(°)	
Rated Power(W):	Luminary Efficiency: 96171.16%	Down Lumens&Percent: 951.576lm 98.95%	
Rated Voltage(V):	Luminary EER(lm/W): 72.912	Up Lumens&Percent: 10.135lm 1.05%	
Tested Power(W): 13.190	Max. Candela(cd): 2289.253	S/MH: C0_a180=0.551 C90_270=0.545	
Lamps' Inside: 1	Max Cand@Ang.(°): C=180.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):110.3, 0.120, 0.995	Beam Angle(50%Imax): 33.3(°)	ErP Φ use(90°): 938.014lm	
Lamp Size(W*L*H):0.000m*0.000m*0.000m	Left=-15.9°, Right=17.5°	IRF (%): 519.380	



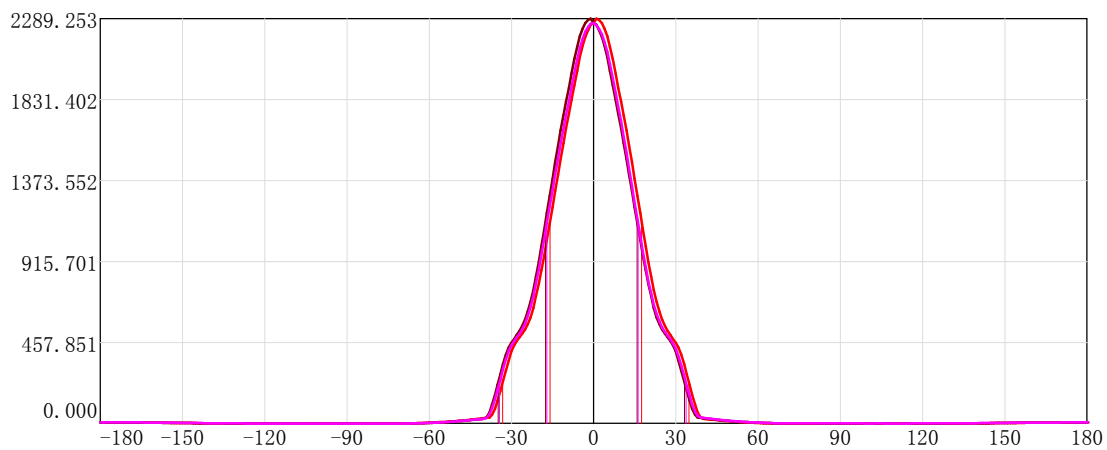
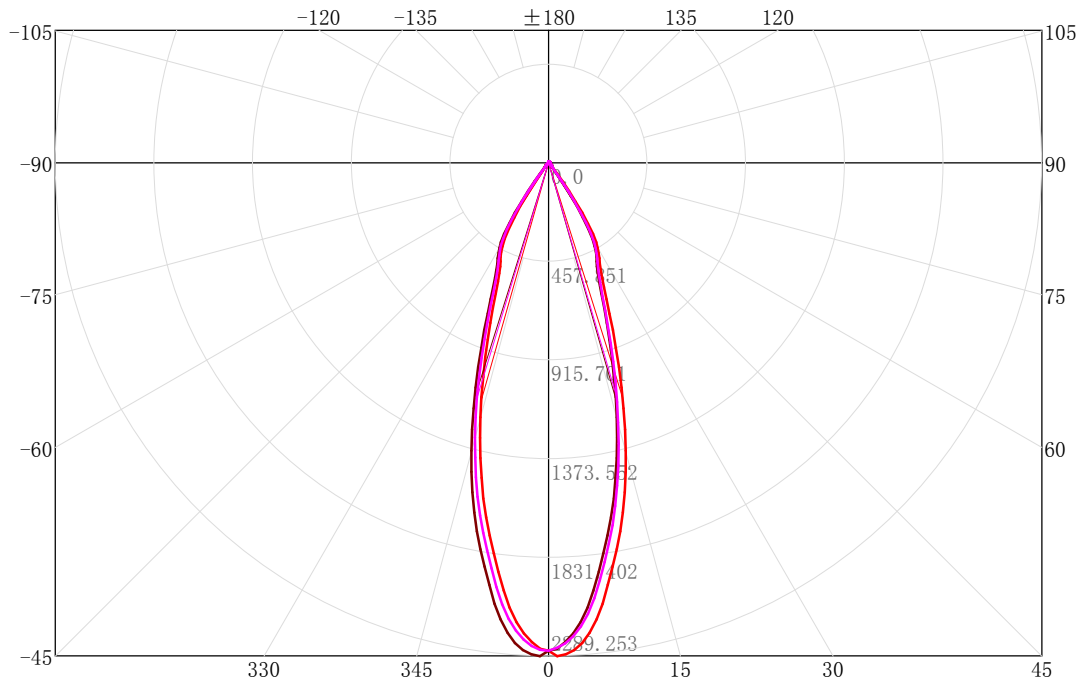
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## 2D Plane Light Intensity Distribution Curve

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C Plane Distribution Diagram



	C Plane	[50%MaxAng.]	[10%MaxAng.]	Unit:cd
—	C180.0_360.0:	33.3	68.0	
—	C0.0_180.0 :	33.3	68.0	
—	C90.0_270.0 :	33.3	68.2	

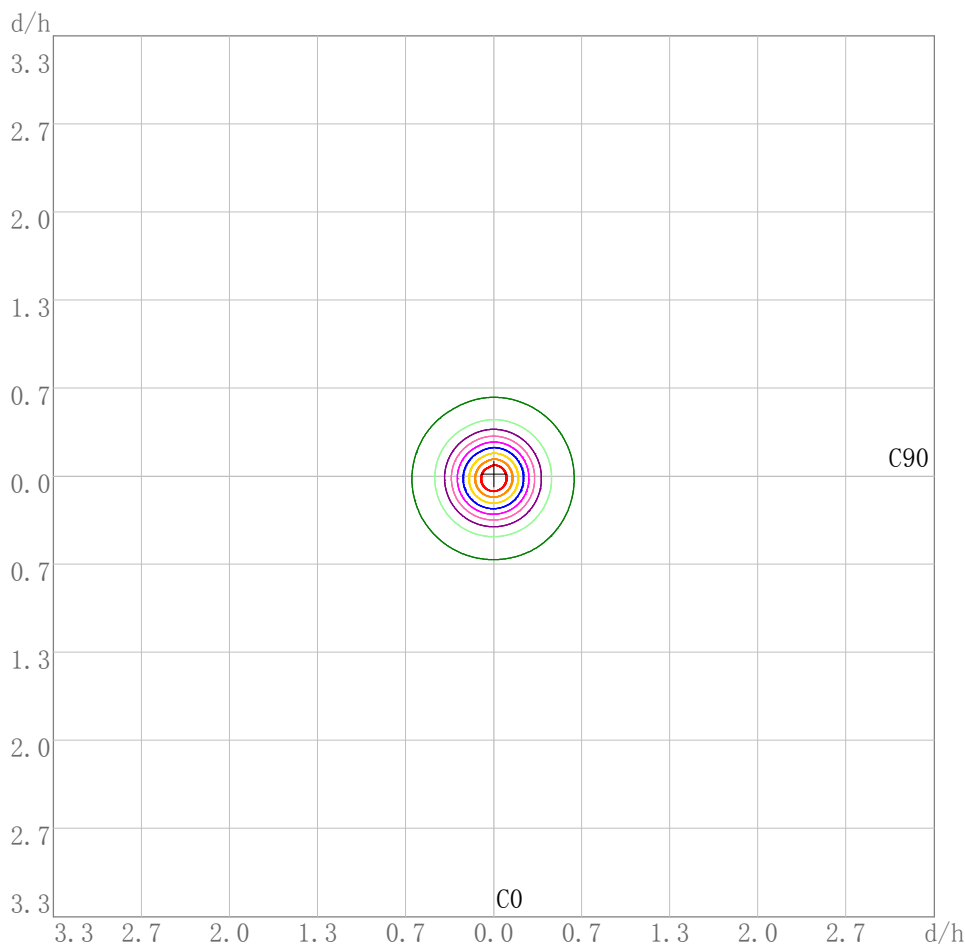
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## Plane ISO-Illuminance Diagram

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Manufacture: Raynice	Test Machine: GON-2000	Test Date: 2021/10/12

Plane ISO-Illuminance Curve



- Curves:  
unit:lx
- [EMax] =254.245
  - [EMax\*90%]=228.821
  - [EMax\*80%]=203.396
  - [EMax\*70%]=177.972
  - [EMax\*60%]=152.547
  - [EMax\*50%]=127.123
  - [EMax\*40%]=101.698
  - [EMax\*30%]=76.274
  - [EMax\*20%]=50.849
  - [EMax\*10%]=25.425

Working Plane Luminaire Mounting Height(m): 3.00  
 Working Plane Maximum Illuminance(lx): 254.25  
 Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.0

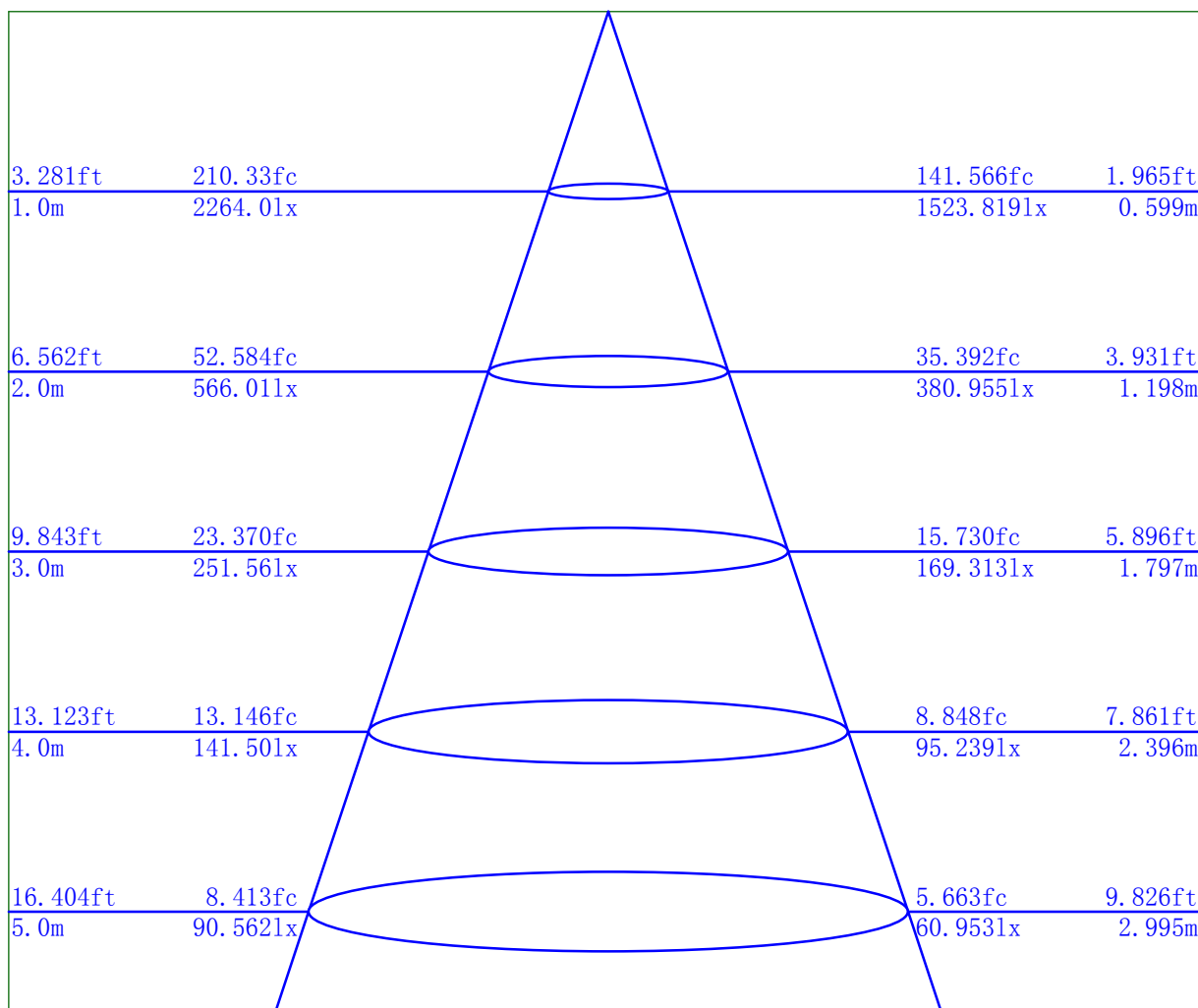
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## Illuminance-Distance Diagram

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Manufacture: Raynice	Test Machine: GON-2000	Test Date: 2021/10/12

Illuminance-Distance Curve



Height

Center E

Average E

Diameter

Beam Angle: 33.3