

IES Indoor Report

Photometric Filename: LCL105-3W-3000K-Ra80-15°NEGRO.IES

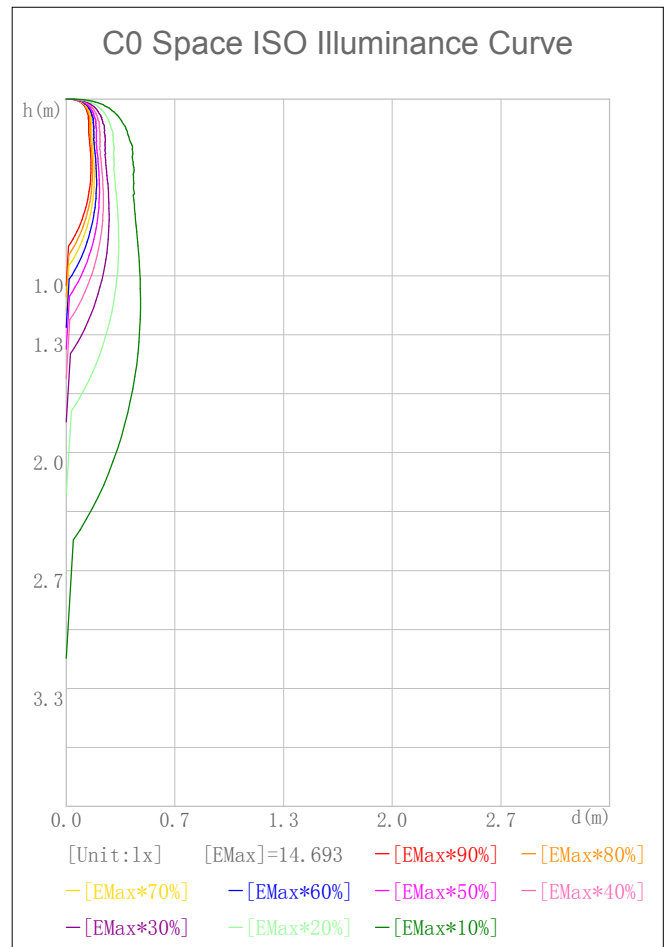
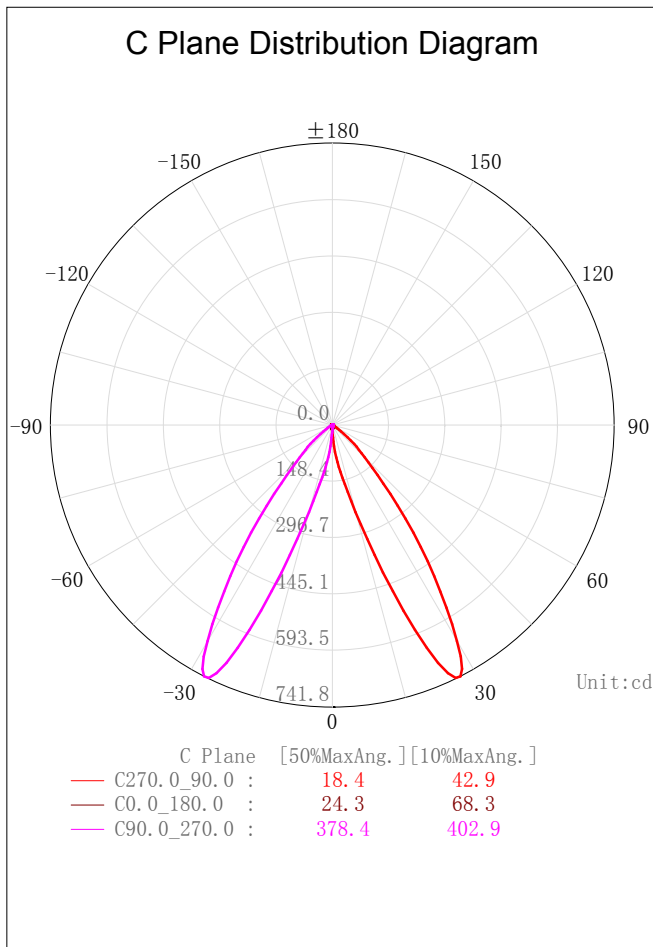
Indoor Luminaire Photometric Data

Description Information

Luminary Name: LCL105-3W-3000K-Ra80-15° -NEGRO		Lum. Catalog: LED Gnille Light	Test ID:
Lamp Name: CREE-XP-E2		Lamp Catalog: SMT	Test Date: 2021/06/22
Manufacture: Raynice		Shld. Ang(°): 15	Test Machine: GON-2000
Test Lab: Raynice		Frequency(Hz): 60	Lamp CCT(K): 3000 Ra: 80
Lum. Size (W*L*H): 0.000m*0.000m*0.000m		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 (%): 60.0

Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 1.000		Luminary Flux(lm): 137.032	Field Angle(10%Imax): 42.9(°)
Rated Power(W): 3		Luminary Efficiency: 13703.19%	Down Lumens&Percent: 132.784lm 96.90%
Rated Voltage(V): 3		Luminary EER(lm/W): 38.525	Up Lumens&Percent: 4.248lm 3.10%
Tested Power(W): 3.557		Max. Candela(cd): 741.814	S/MH: C0_a180=0.387 C90_270=1.416
Lamps' Inside: 1		Max Cand@Ang.(°): C=270.0 γ =27.0	CIE Type: Semi-Direct
Tested Electrics(V, A, pf): 118.3, 0.049, 0.606		Beam Angle(50%Imax): 18.4(°)	ErP Φ use(90°): 130.540lm
Lamp Size(W*L*H): 0.000m*0.000m*0.000m		Left=18.2°, Right=36.6°	IRF (%): 1246.796



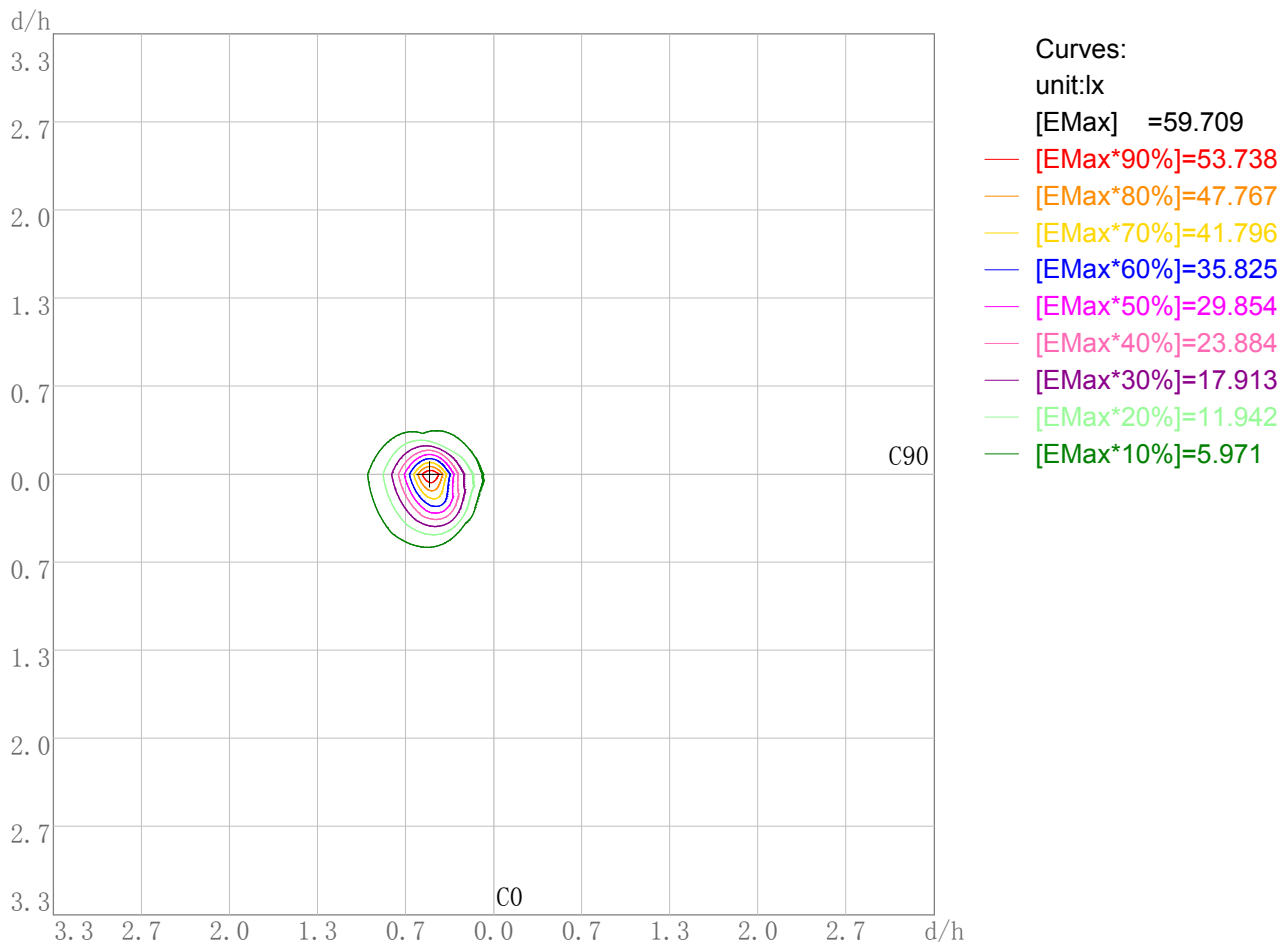
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Plane ISO-Illuminance Diagram

Lum. Name: LCL105-3W-3000K-Ra80-15° -NEGRO	Lum. Catalog: LED Grille Light	Test ID:
Lamp Name: CREE-XP-E2	Lamp Catalog: SMT	Test Lab: Raynice
Manufacture: Raynice	Test Machine: GON-2000	Test Date: 2021/06/22

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00
 Working Plane Maximum Illuminance(lx): 59.71
 Working Plane Maximum Illuminance Position(d/h):H-0.5 V-0.0

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Illuminance-Distance Diagram

Lum. Name: LCL105-3W-3000K-Ra80-15° -NEGRO	Lum. Catalog: LED Gnille Light	Test ID:
Lamp Name: CREE-XP-E2	Lamp Catalog: SMT	Test Lab: Raynice
Manufacture: Raynice	Test Machine: GON-2000	Test Date: 2021/06/22

Illuminance-Distance Curve

