

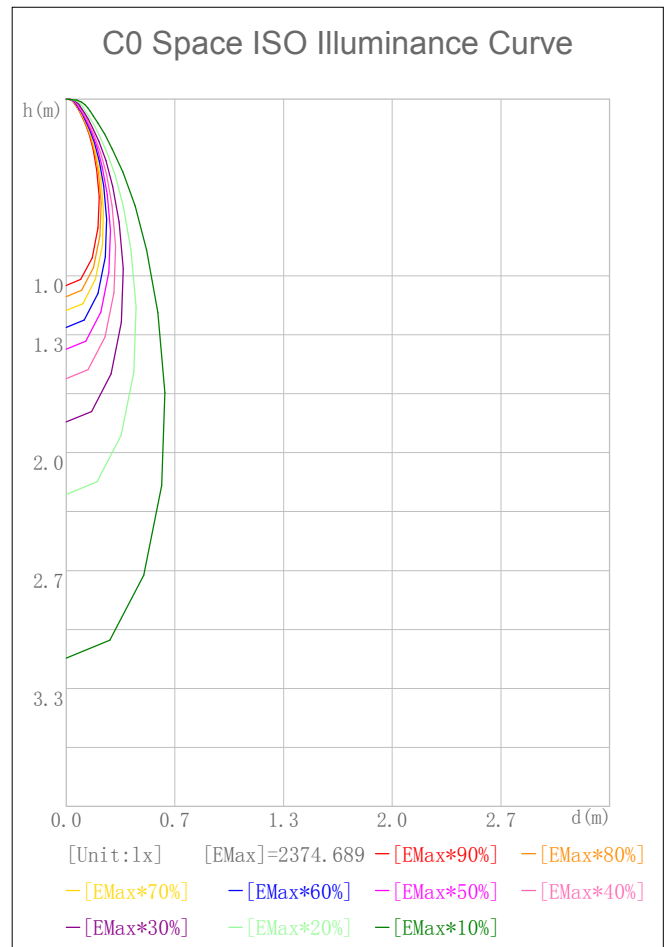
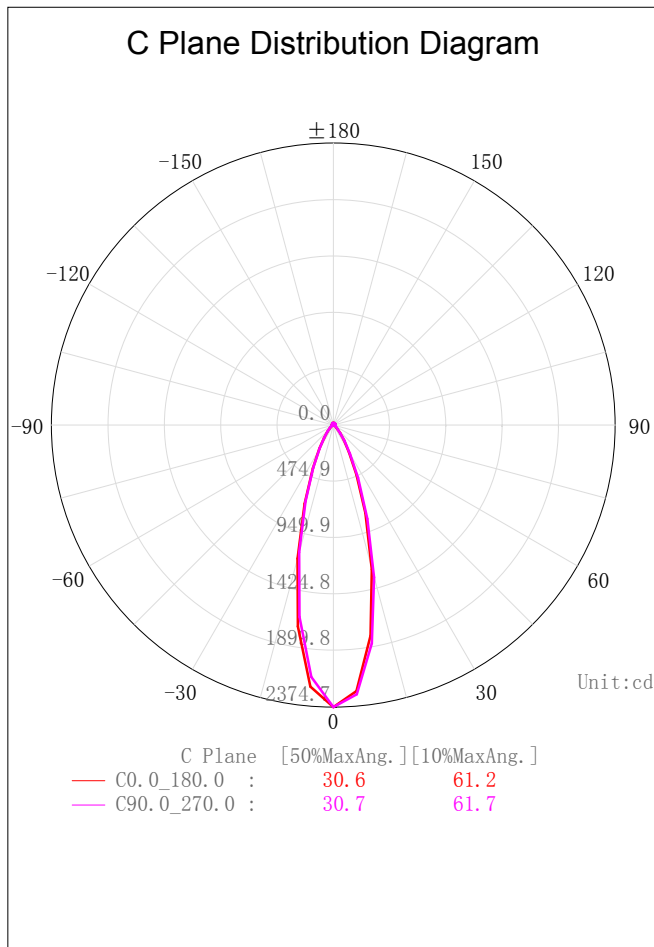
Indoor Luminaire Photometric Data

Description Information

Luminaire Name: BSP05		Lum. Catalog:	Test ID:
Lamp Name: 1507		Lamp Catalog: CREE	Test Date: 2019/09/28
Manufacture:		Shld. Ang(°):	Test Machine: GON-2000
Test Lab:		Frequency (Hz):	Lamp CCT (K): Ra:
Lum. Size (W*L*H): 0.050m*0.050m*0.000m		Lum. Area (m ²): 0.002	Lum. W (kg): 0.000
Test System: C, γ	Test Step: C=15.0 γ=5.0	Temp. (°C): 25	Humidity (%): 50.0

Character Parameter

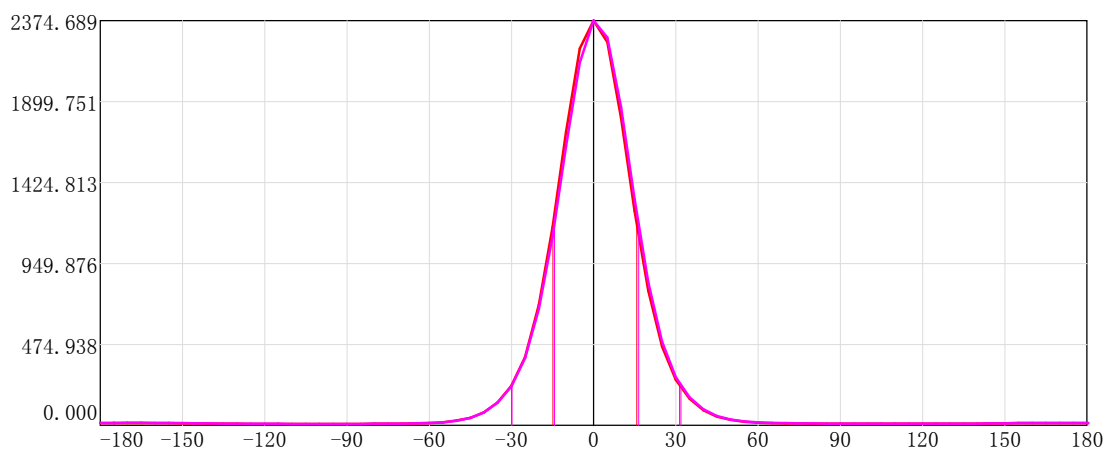
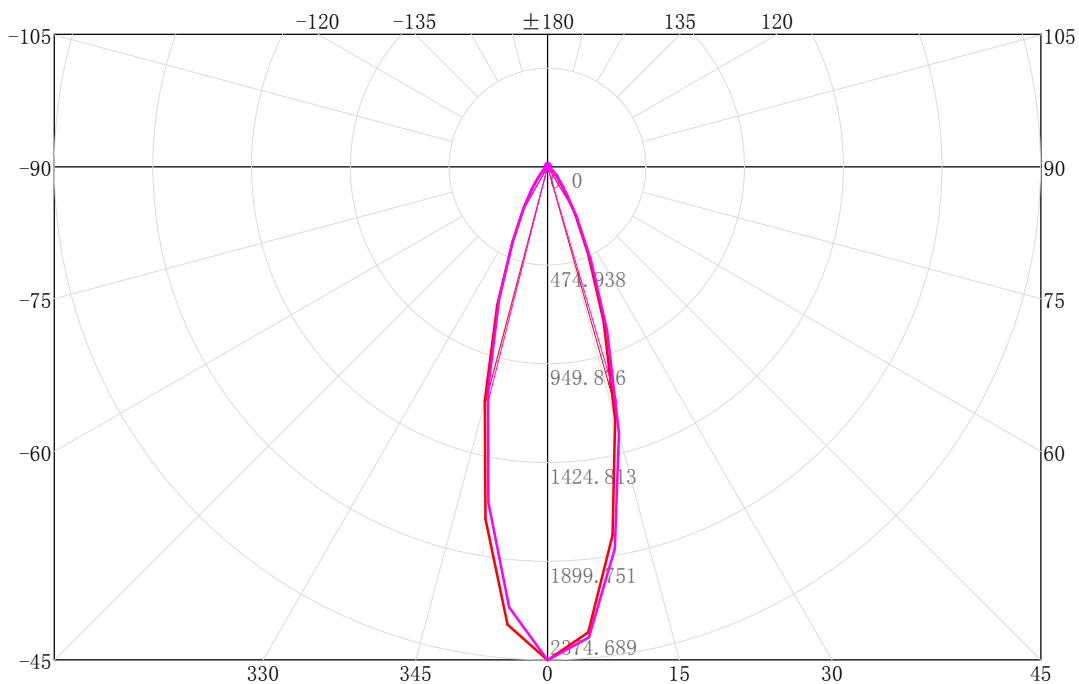
Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux (lm): 1.000	Luminaire Flux (lm): 1019.586	Field Angle (10%Imax): 61.2(°)	
Rated Power (W):	Luminaire Efficiency: 101958.62%	Down Lumens&Percent: 947.432lm 92.92%	
Rated Voltage (V):	Luminaire EER (lm/W): 95.826	Up Lumens&Percent: 72.154lm 7.08%	
Tested Power (W): 10.640	Max. Candela (cd): 2374.689	S/MH: C0_a180=0.506 C90_270=0.507	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=0.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf): 221.4, 0.087, 0.548	Beam Angle (50%Imax): 30.6(°)	ErP Φ use (90°): 871.305lm	
Lamp Size (W*L*H): 0.050m*0.050m*0.000m	Left=-14.8°, Right=15.8°	IRF (%): 544.258	



2D Plane Light Intensity Distribution Curve

Lum. Name: BSP05	Lum. Catalog:	Test ID:
Lamp Name: 1507	Lamp Catalog: CREE	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2019/09/28

C Plane Distribution Diagram

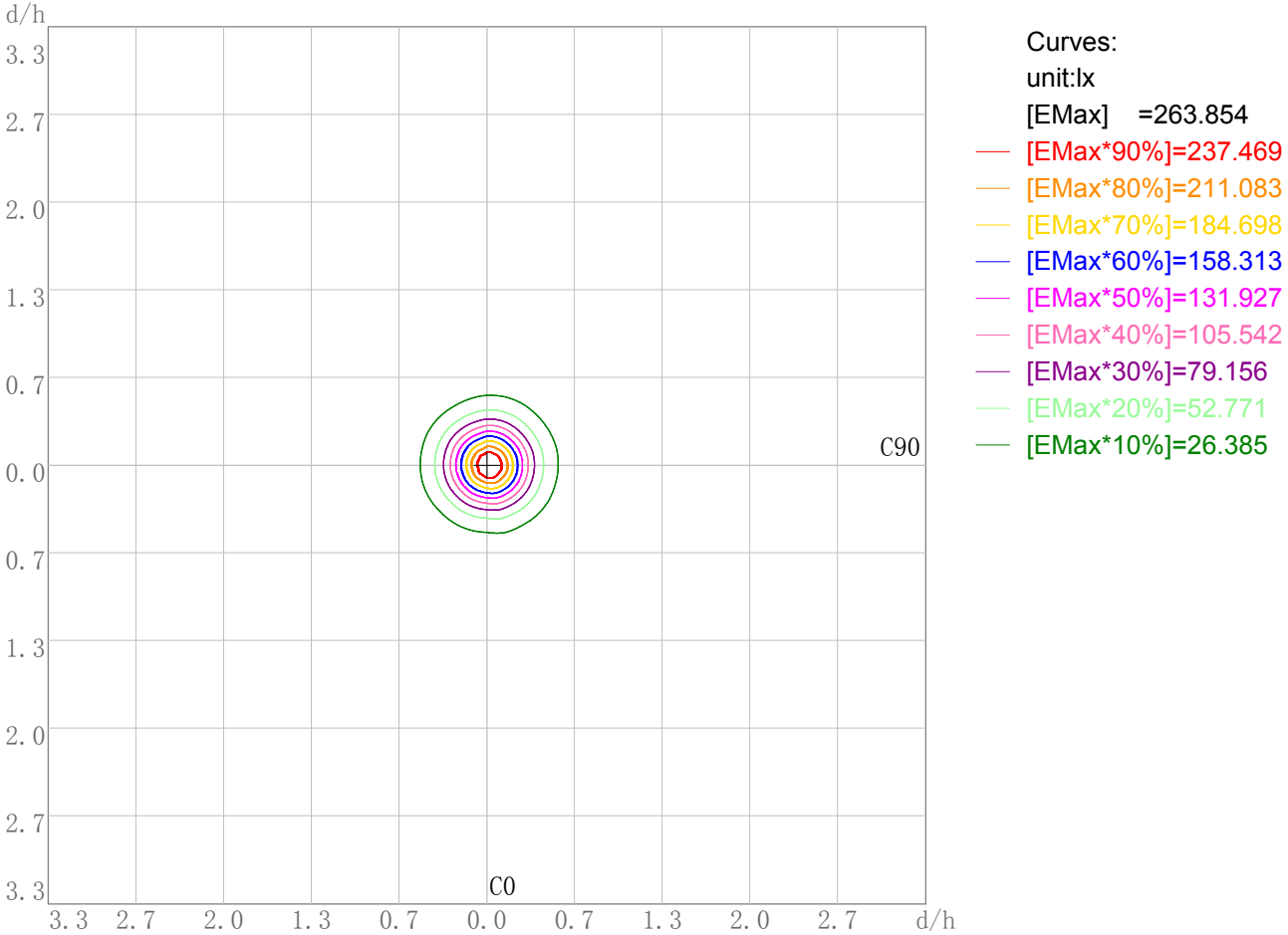


	C Plane	[50%MaxAng.]	[10%MaxAng.]	Unit:cd
—	C0. 0_180. 0 :	30.6	61.2	
—	C90. 0_270. 0 :	30.7	61.7	

Plane ISO-Illuminance Diagram

Lum. Name: BSP05	Lum. Catalog:	Test ID:
Lamp Name: 1507	Lamp Catalog: CREE	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2019/09/28

Plane ISO-Illuminance Curve

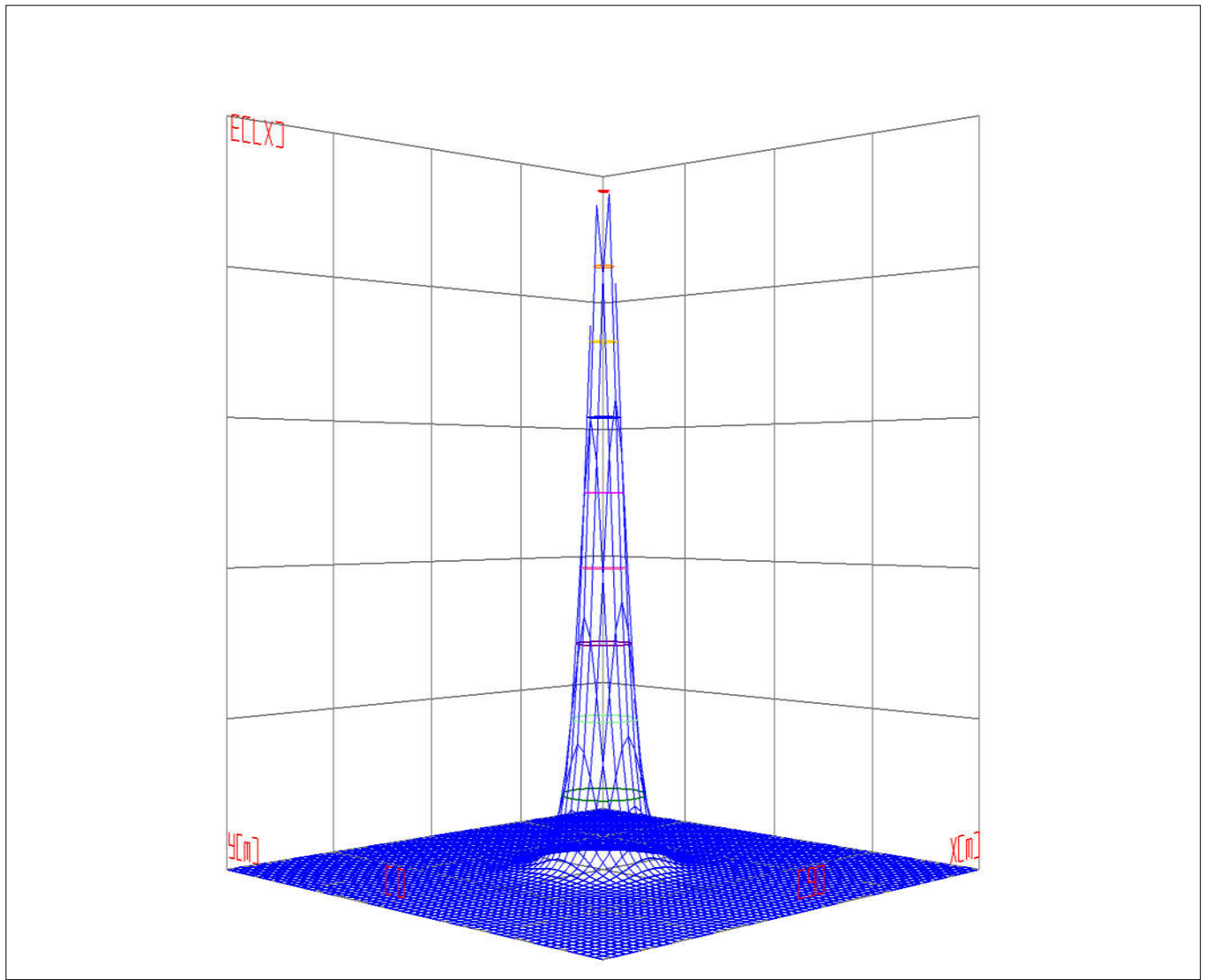


Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 263.85
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

3D Plane ISO Illuminance Diagram

Lum. Name: BSP05	Lum. Catalog:	Test ID:
Lamp Name: 1507	Lamp Catalog: CREE	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2019/09/28

3D Plane Illuminance Modal

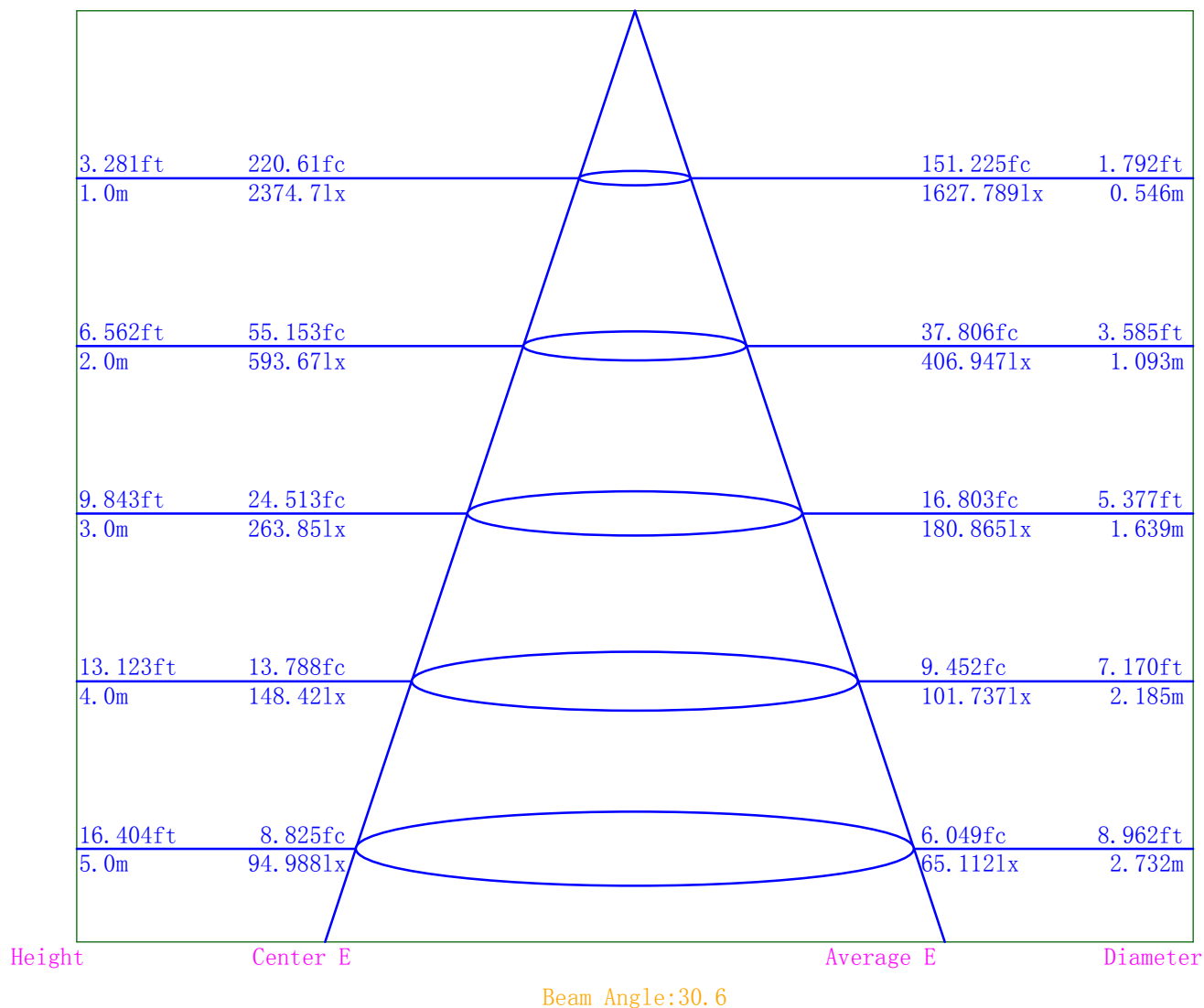


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Illuminance-Distance Diagram

Lum. Name: BSP05	Lum. Catalog:	Test ID:
Lamp Name: 1507	Lamp Catalog: CREE	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2019/09/28

Illuminance-Distance Curve



Unified Glare Rating Table

Lum. Name: BSP05	Lum. Catalog:	Test ID:
Lamp Name: 1507	Lamp Catalog: CREE	Test Lab:
Manufacture:	Test Machine: GON-2000	Test Date: 2019/09/28

Unified Glare Rating Table

Ceiling RCC	0.70	0.70	0.50	0.50	0.30	0.70	0.70	0.50	0.50	0.30
Wall RW	0.50	0.30	0.50	0.30	0.30	0.50	0.30	0.50	0.30	0.30
Floor RFC	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Room Size	Vewed crosswise					Vewed endwise				
X=2H Y=2H	-6.6	-4.5	-6.1	-4.0	-3.6	-6.1	-4.0	-5.6	-3.5	-3.1
Y=3H	-5.9	-3.8	-5.4	-3.4	-2.9	-5.4	-3.4	-4.9	-2.9	-2.4
Y=4H	-5.3	-3.3	-4.8	-2.8	-2.3	-4.8	-2.8	-4.3	-2.3	-1.8
Y=6H	-4.3	-2.3	-3.8	-1.9	-1.3	-3.9	-1.9	-3.4	-1.4	-0.9
Y=8H	-3.7	-1.7	-3.2	-1.2	-0.7	-3.2	-1.3	-2.8	-0.8	-0.3
Y=12H	-2.8	-0.9	-2.3	-0.4	0.2	-2.4	-0.5	-1.9	-0.0	0.6
X=4H Y=2H	-6.5	-4.5	-6.1	-4.1	-3.6	-6.0	-4.0	-5.6	-3.6	-3.1
Y=3H	-5.6	-3.7	-5.1	-3.2	-2.6	-5.1	-3.2	-4.6	-2.7	-2.1
Y=4H	-4.7	-2.8	-4.2	-2.3	-1.8	-4.2	-2.4	-3.7	-1.8	-1.3
Y=6H	-3.5	-1.7	-3.0	-1.1	-0.6	-3.0	-1.2	-2.5	-0.7	-0.1
Y=8H	-2.7	-0.9	-2.2	-0.3	0.3	-2.2	-0.4	-1.7	0.1	0.7
Y=12H	-1.6	0.2	-1.1	0.7	1.3	-1.2	0.6	-0.7	1.1	1.7
X=8H Y=4H	-4.4	-2.6	-3.9	-2.0	-1.4	-3.9	-2.1	-3.4	-1.6	-1.0
Y=6H	-2.9	-1.1	-2.4	-0.6	0.5	-2.5	-0.7	-1.9	-0.1	0.9
Y=8H	-1.9	-0.2	-1.4	0.4	0.9	-1.5	0.3	-1.0	0.8	1.4
Y=12H	-0.7	1.0	-0.2	1.6	2.2	-0.3	1.5	0.3	2.0	2.6
X=12H Y=4H	-4.3	-2.5	-3.7	-1.9	-1.3	-3.8	-2.0	-3.3	-1.5	-0.9
Y=6H	-2.7	-0.9	-2.2	-0.4	0.2	-2.2	-0.5	-1.7	0.0	0.7
Y=8H	-1.6	0.1	-1.1	0.7	1.3	-1.2	0.5	-0.7	1.1	1.7
Variations with the objverer position at spacings										
S=1.0H	0.0/-0.0					0.0/-0.0				
S=1.5H	0.1/-0.1					0.1/-0.1				
S=2.0H	0.1/-0.2					0.1/-0.2				
Reduced UGR Table:										
Nordic Standard Table:	BKO					BKO				
Correction Value	3.9					3.9				

o the CIE Pub. 117, data has been corrected, refers to the lamp's lumens 8.2flm.