

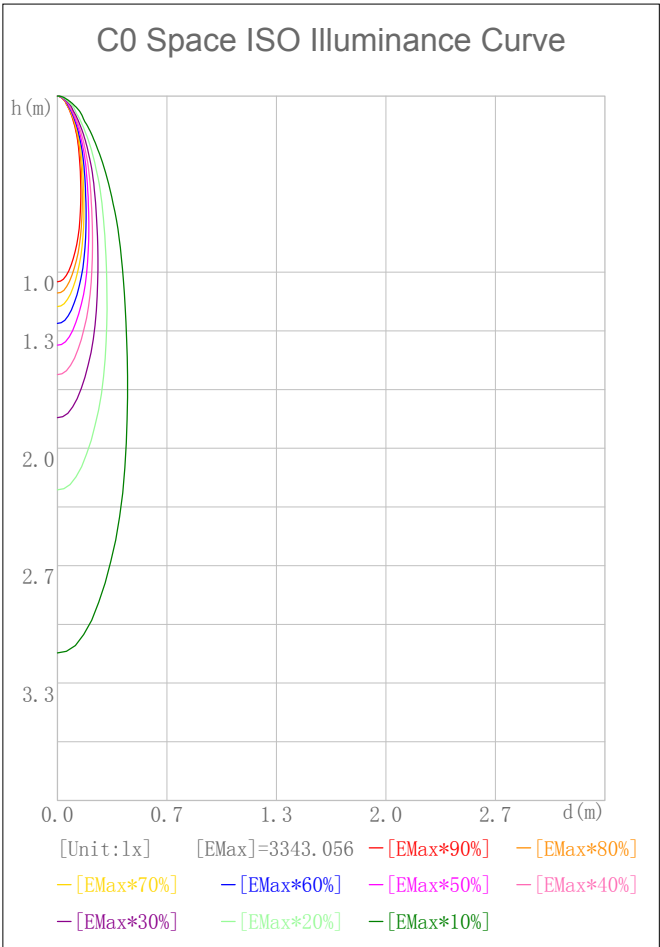
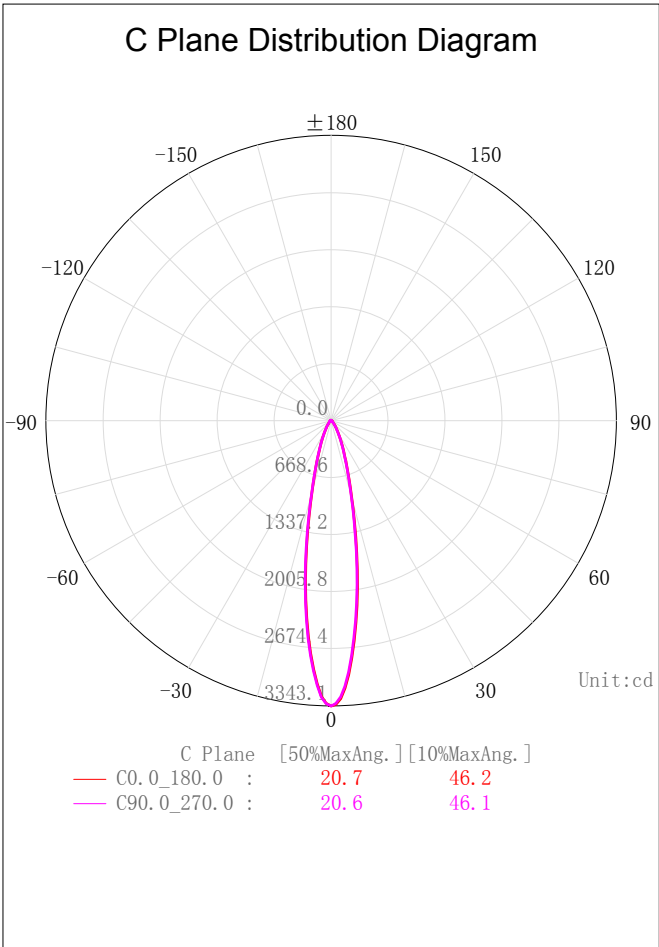
Indoor Luminaire Photometric Data

Description Information

Luminary Name: TR01-12-D2W 1800-3000K RA95 15D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Date: 2019/01/22
Manufacture: Shenzhen Norming Lighting Co., Ltd	Shld.Ang(°):	Test Machine:GON-2000
Test Lab: Quaility Department	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): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp. (°C): 25
		Humidity(%): 50.0

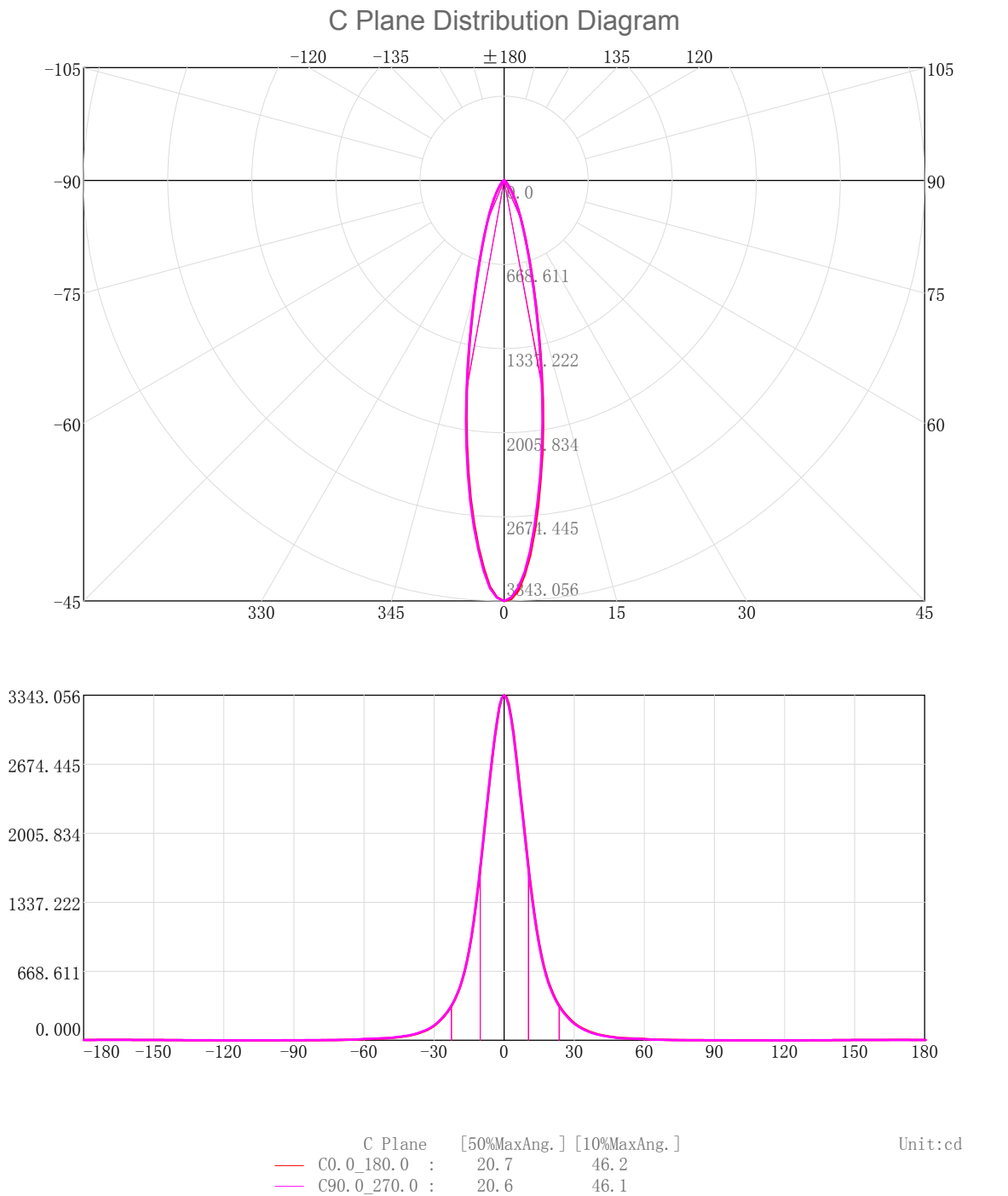
Character Parameter

Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 1000.000	Luminary Flux(lm): 736.942	Field Angle(10%Imax): 46.2(°)
Rated Power(W):	Luminary Efficiency: 73.69%	Down Lumens&Percent: 727.576lm 98.73%
Rated Voltage(V):	Luminary EER(lm/W): 68.809	Up Lumens&Percent: 9.365lm 1.27%
Tested Power(W): 10.710	Max. Candela(cd): 3343.056	S/MH: C0_a180=0.351 C90_270=0.350
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=0.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf):240.5, 0.046, 0.965	Beam Angle(50%Imax): 20.7(°)	ErP Φ use(90°): 686.116lm
Lamp Size (W*L*H):0.000m*0.000m*0.000m	Left=-10.2°, Right=10.5°	IRF(%): 952.088



2D Plane Light Intensity Distribution Curve

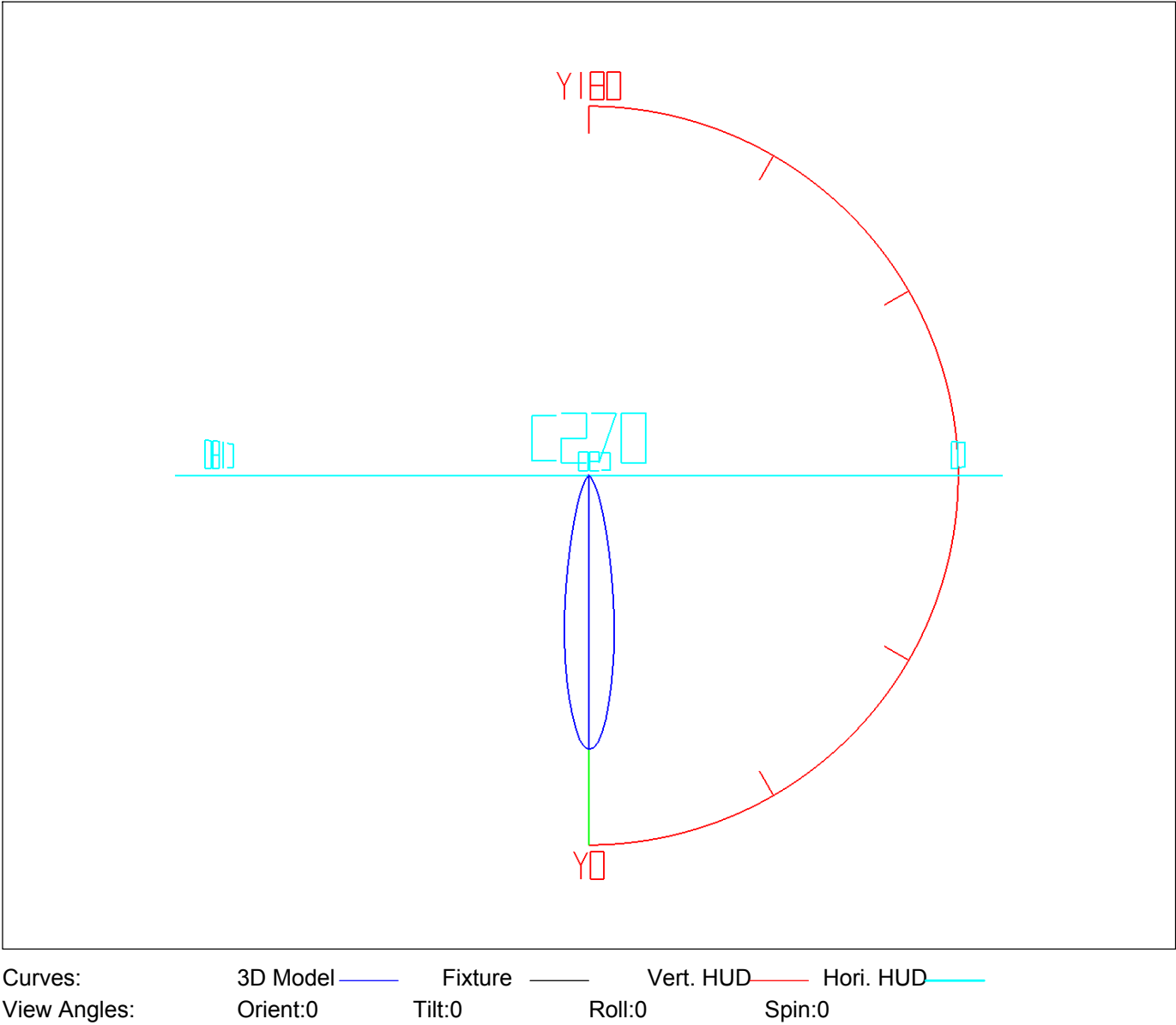
Lum. Name:TR01-12-D2W 1800-3000K RA95 15D	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quaility Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/01/22



3D Light Intensity Distribution Modal

Lum. Name:TR01-12-D2W 1800-3000K RA95 15D	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quaility Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/01/22

3D Light Intensity Distribution Modal



Zonal Flux Tabulation

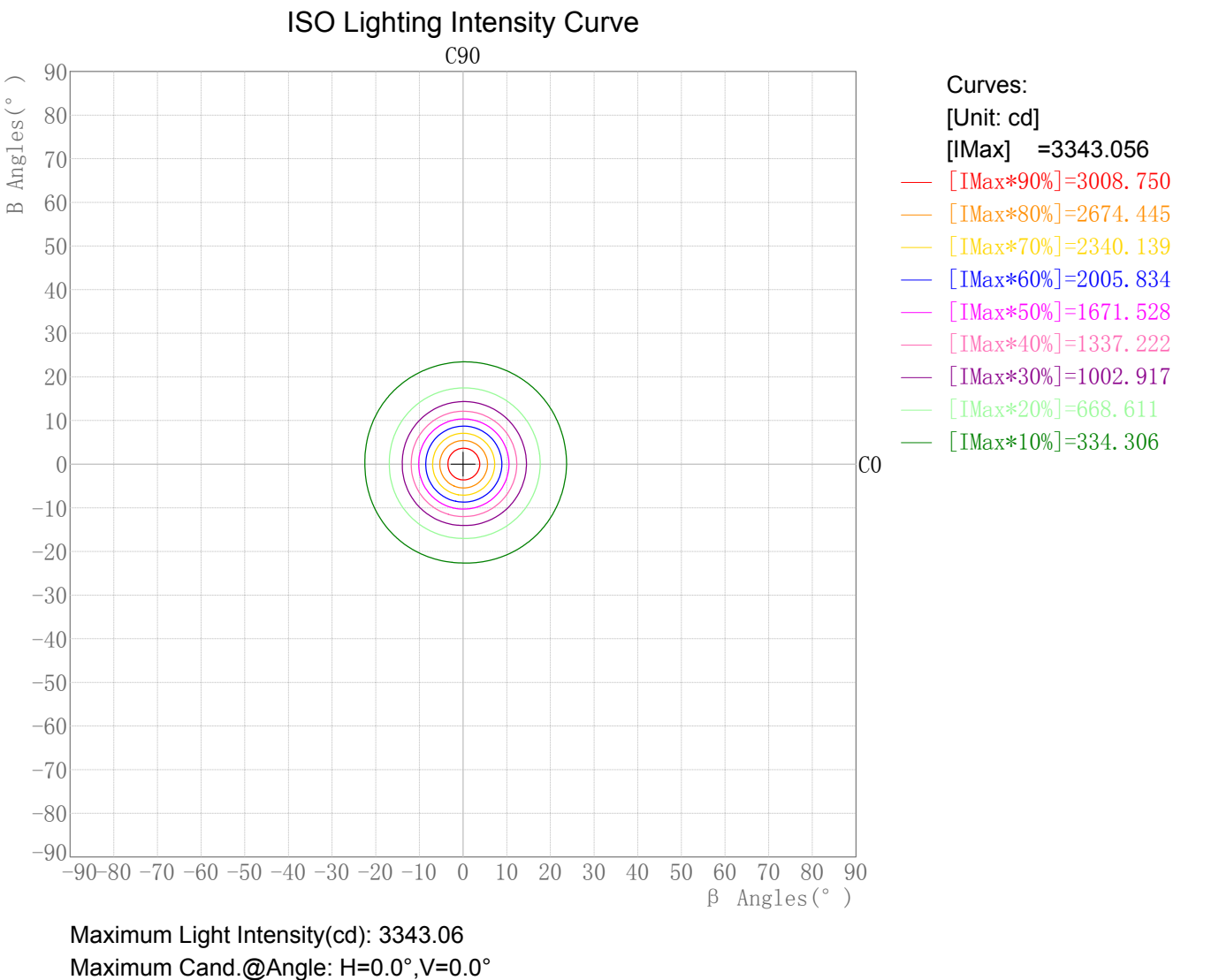
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	3.19	3.19	0.32	0.32	47.0-48.0	2.23	695.82	0.22	69.58
1.0-2.0	9.42	12.60	0.94	1.26	48.0-49.0	2.04	697.86	0.20	69.79
2.0-3.0	15.20	27.80	1.52	2.78	49.0-50.0	1.88	699.74	0.19	69.97
3.0-4.0	20.29	48.09	2.03	4.81	50.0-51.0	1.80	701.54	0.18	70.15
4.0-5.0	24.58	72.67	2.46	7.27	51.0-52.0	1.74	703.29	0.17	70.33
5.0-6.0	28.01	100.67	2.80	10.07	52.0-53.0	1.70	704.98	0.17	70.50
6.0-7.0	30.57	131.25	3.06	13.12	53.0-54.0	1.64	706.63	0.16	70.66
7.0-8.0	32.30	163.55	3.23	16.35	54.0-55.0	1.59	708.21	0.16	70.82
8.0-9.0	33.22	196.76	3.32	19.68	55.0-56.0	1.53	709.74	0.15	70.97
9.0-10.0	33.33	230.09	3.33	23.01	56.0-57.0	1.46	711.20	0.15	71.12
10.0-11.0	32.72	262.82	3.27	26.28	57.0-58.0	1.39	712.59	0.14	71.26
11.0-12.0	31.54	294.36	3.15	29.44	58.0-59.0	1.30	713.89	0.13	71.39
12.0-13.0	29.99	324.36	3.00	32.44	59.0-60.0	1.20	715.09	0.12	71.51
13.0-14.0	28.27	352.63	2.83	35.26	60.0-61.0	1.09	716.18	0.11	71.62
14.0-15.0	26.49	379.11	2.65	37.91	61.0-62.0	0.98	717.16	0.10	71.72
15.0-16.0	24.72	403.83	2.47	40.38	62.0-63.0	0.88	718.04	0.09	71.80
16.0-17.0	23.02	426.85	2.30	42.68	63.0-64.0	0.81	718.85	0.08	71.88
17.0-18.0	21.40	448.25	2.14	44.82	64.0-65.0	0.75	719.59	0.07	71.96
18.0-19.0	19.89	468.14	1.99	46.81	65.0-66.0	0.69	720.28	0.07	72.03
19.0-20.0	18.50	486.65	1.85	48.66	66.0-67.0	0.64	720.92	0.06	72.09
20.0-21.0	17.22	503.86	1.72	50.39	67.0-68.0	0.59	721.51	0.06	72.15
21.0-22.0	16.03	519.90	1.60	51.99	68.0-69.0	0.54	722.05	0.05	72.20
22.0-23.0	14.95	534.85	1.50	53.48	69.0-70.0	0.49	722.54	0.05	72.25
23.0-24.0	13.96	548.81	1.40	54.88	70.0-71.0	0.45	722.99	0.04	72.30
24.0-25.0	13.03	561.84	1.30	56.18	71.0-72.0	0.40	723.39	0.04	72.34
25.0-26.0	12.13	573.97	1.21	57.40	72.0-73.0	0.37	723.76	0.04	72.38
26.0-27.0	11.26	585.23	1.13	58.52	73.0-74.0	0.34	724.10	0.03	72.41
27.0-28.0	10.40	595.62	1.04	59.56	74.0-75.0	0.31	724.41	0.03	72.44
28.0-29.0	9.57	605.19	0.96	60.52	75.0-76.0	0.29	724.70	0.03	72.47
29.0-30.0	8.81	614.00	0.88	61.40	76.0-77.0	0.28	724.98	0.03	72.50
30.0-31.0	8.13	622.13	0.81	62.21	77.0-78.0	0.27	725.25	0.03	72.52
31.0-32.0	7.51	629.64	0.75	62.96	78.0-79.0	0.25	725.50	0.03	72.55
32.0-33.0	6.94	636.58	0.69	63.66	79.0-80.0	0.24	725.74	0.02	72.57
33.0-34.0	6.42	643.00	0.64	64.30	80.0-81.0	0.23	725.97	0.02	72.60
34.0-35.0	5.95	648.95	0.60	64.90	81.0-82.0	0.22	726.18	0.02	72.62
35.0-36.0	5.50	654.46	0.55	65.45	82.0-83.0	0.21	726.39	0.02	72.64
36.0-37.0	5.07	659.53	0.51	65.95	83.0-84.0	0.20	726.59	0.02	72.66
37.0-38.0	4.67	664.20	0.47	66.42	84.0-85.0	0.19	726.77	0.02	72.68
38.0-39.0	4.31	668.51	0.43	66.85	85.0-86.0	0.18	726.95	0.02	72.70
39.0-40.0	3.99	672.49	0.40	67.25	86.0-87.0	0.17	727.12	0.02	72.71
40.0-41.0	3.70	676.19	0.37	67.62	87.0-88.0	0.16	727.28	0.02	72.73
41.0-42.0	3.44	679.63	0.34	67.96	88.0-89.0	0.15	727.43	0.02	72.74
42.0-43.0	3.21	682.84	0.32	68.28	89.0-90.0	0.14	727.58	0.01	72.76
43.0-44.0	2.99	685.83	0.30	68.58	90.0-91.0	0.14	727.71	0.01	72.77
44.0-45.0	2.78	688.61	0.28	68.86	91.0-92.0	0.13	727.84	0.01	72.78
45.0-46.0	2.58	691.19	0.26	69.12	92.0-93.0	0.12	727.96	0.01	72.80
46.0-47.0	2.40	693.59	0.24	69.36	93.0-94.0	0.11	728.08	0.01	72.81

Zonal Flux Tabulation - (Cont.)

Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
94.0-95.0	0.11	728.19	0.01	72.82	141.0-142.0	0.16	731.75	0.02	73.17
95.0-96.0	0.10	728.29	0.01	72.83	142.0-143.0	0.17	731.92	0.02	73.19
96.0-97.0	0.10	728.38	0.01	72.84	143.0-144.0	0.18	732.10	0.02	73.21
97.0-98.0	0.09	728.47	0.01	72.85	144.0-145.0	0.18	732.28	0.02	73.23
98.0-99.0	0.09	728.56	0.01	72.86	145.0-146.0	0.19	732.47	0.02	73.25
99.0-100.0	0.08	728.64	0.01	72.86	146.0-147.0	0.19	732.66	0.02	73.27
100.0-101.0	0.08	728.72	0.01	72.87	147.0-148.0	0.20	732.86	0.02	73.29
101.0-102.0	0.07	728.79	0.01	72.88	148.0-149.0	0.20	733.06	0.02	73.31
102.0-103.0	0.07	728.86	0.01	72.89	149.0-150.0	0.20	733.26	0.02	73.33
103.0-104.0	0.07	728.93	0.01	72.89	150.0-151.0	0.20	733.47	0.02	73.35
104.0-105.0	0.06	729.00	0.01	72.90	151.0-152.0	0.20	733.67	0.02	73.37
105.0-106.0	0.06	729.06	0.01	72.91	152.0-153.0	0.20	733.87	0.02	73.39
106.0-107.0	0.06	729.12	0.01	72.91	153.0-154.0	0.20	734.07	0.02	73.41
107.0-108.0	0.06	729.17	0.01	72.92	154.0-155.0	0.20	734.27	0.02	73.43
108.0-109.0	0.06	729.23	0.01	72.92	155.0-156.0	0.19	734.46	0.02	73.45
109.0-110.0	0.05	729.28	0.01	72.93	156.0-157.0	0.19	734.65	0.02	73.46
110.0-111.0	0.05	729.34	0.01	72.93	157.0-158.0	0.18	734.83	0.02	73.48
111.0-112.0	0.05	729.39	0.01	72.94	158.0-159.0	0.18	735.01	0.02	73.50
112.0-113.0	0.05	729.44	0.00	72.94	159.0-160.0	0.17	735.19	0.02	73.52
113.0-114.0	0.05	729.48	0.00	72.95	160.0-161.0	0.17	735.35	0.02	73.54
114.0-115.0	0.05	729.53	0.00	72.95	161.0-162.0	0.16	735.51	0.02	73.55
115.0-116.0	0.05	729.58	0.00	72.96	162.0-163.0	0.15	735.66	0.02	73.57
116.0-117.0	0.05	729.62	0.00	72.96	163.0-164.0	0.14	735.81	0.01	73.58
117.0-118.0	0.04	729.67	0.00	72.97	164.0-165.0	0.14	735.94	0.01	73.59
118.0-119.0	0.05	729.71	0.00	72.97	165.0-166.0	0.13	736.07	0.01	73.61
119.0-120.0	0.05	729.76	0.00	72.98	166.0-167.0	0.12	736.19	0.01	73.62
120.0-121.0	0.05	729.80	0.00	72.98	167.0-168.0	0.11	736.30	0.01	73.63
121.0-122.0	0.05	729.85	0.00	72.99	168.0-169.0	0.10	736.41	0.01	73.64
122.0-123.0	0.05	729.90	0.00	72.99	169.0-170.0	0.09	736.50	0.01	73.65
123.0-124.0	0.05	729.95	0.01	73.00	170.0-171.0	0.08	736.59	0.01	73.66
124.0-125.0	0.05	730.00	0.01	73.00	171.0-172.0	0.08	736.66	0.01	73.67
125.0-126.0	0.06	730.06	0.01	73.01	172.0-173.0	0.07	736.73	0.01	73.67
126.0-127.0	0.06	730.12	0.01	73.01	173.0-174.0	0.06	736.78	0.01	73.68
127.0-128.0	0.06	730.18	0.01	73.02	174.0-175.0	0.05	736.83	0.00	73.68
128.0-129.0	0.07	730.25	0.01	73.03	175.0-176.0	0.04	736.87	0.00	73.69
129.0-130.0	0.07	730.32	0.01	73.03	176.0-177.0	0.03	736.90	0.00	73.69
130.0-131.0	0.08	730.40	0.01	73.04	177.0-178.0	0.02	736.92	0.00	73.69
131.0-132.0	0.08	730.49	0.01	73.05	178.0-179.0	0.01	736.94	0.00	73.69
132.0-133.0	0.09	730.58	0.01	73.06	179.0-180.0	0.00	736.94	0.00	73.69
133.0-134.0	0.10	730.67	0.01	73.07					
134.0-135.0	0.11	730.78	0.01	73.08					
135.0-136.0	0.11	730.89	0.01	73.09					
136.0-137.0	0.12	731.02	0.01	73.10					
137.0-138.0	0.13	731.15	0.01	73.11					
138.0-139.0	0.14	731.28	0.01	73.13					
139.0-140.0	0.15	731.43	0.01	73.14					
140.0-141.0	0.15	731.58	0.02	73.16					

Rectangle ISO Lighting Intensity Diagram

Lum. Name: TR01-12-D2W 1800-3000K RA95 15D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quaility Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/01/22



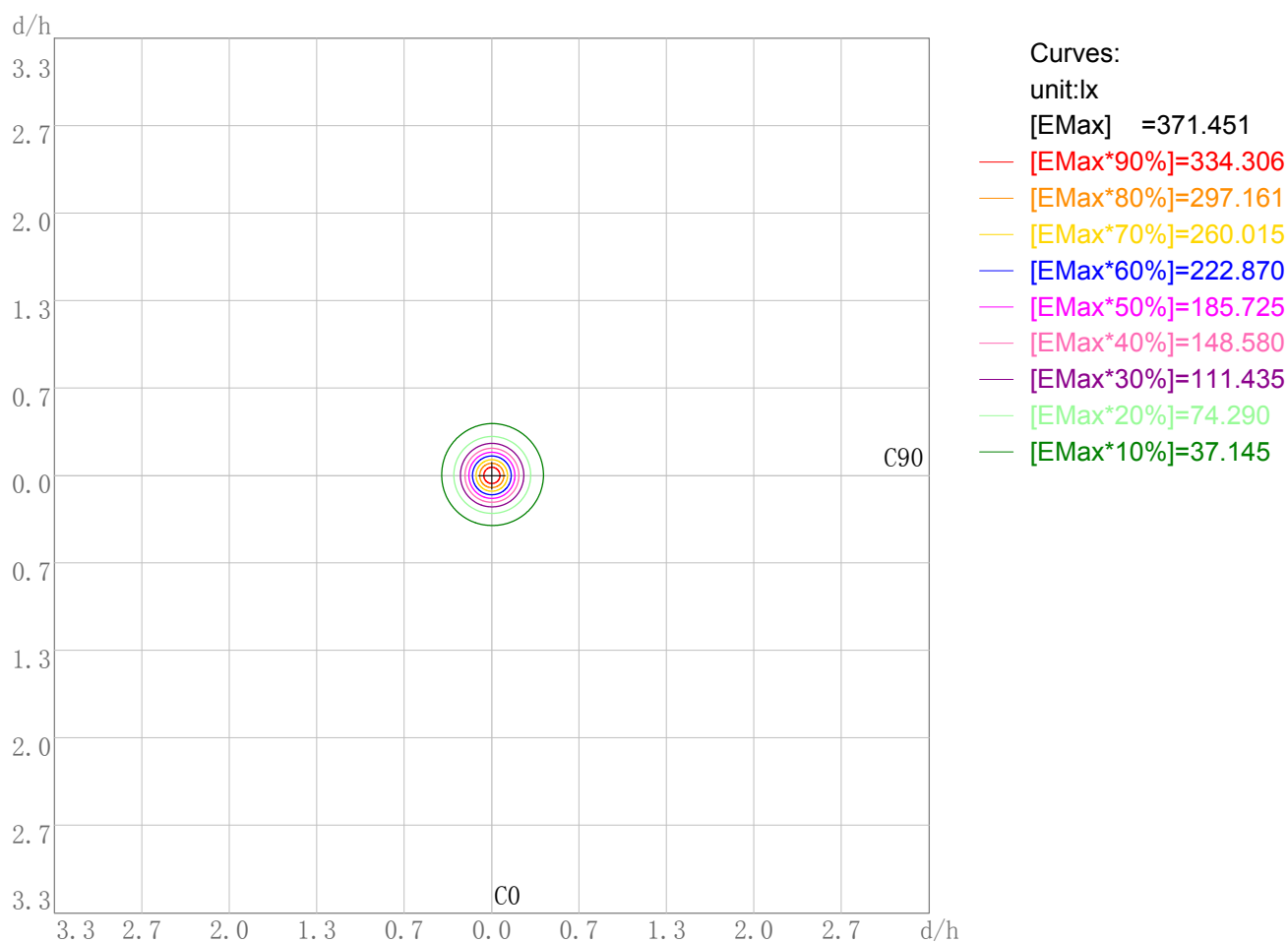
IES Indoor Report

Photometric Filename:TR01-12-D2W 1800-3000K RA95 15D.IES

Plane ISO-Illuminance Diagram

Lum. Name: TR01-12-D2W 1800-3000K RA95 15D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/01/22

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

Working Plane Maximum Illuminance(lx): 371.45

Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

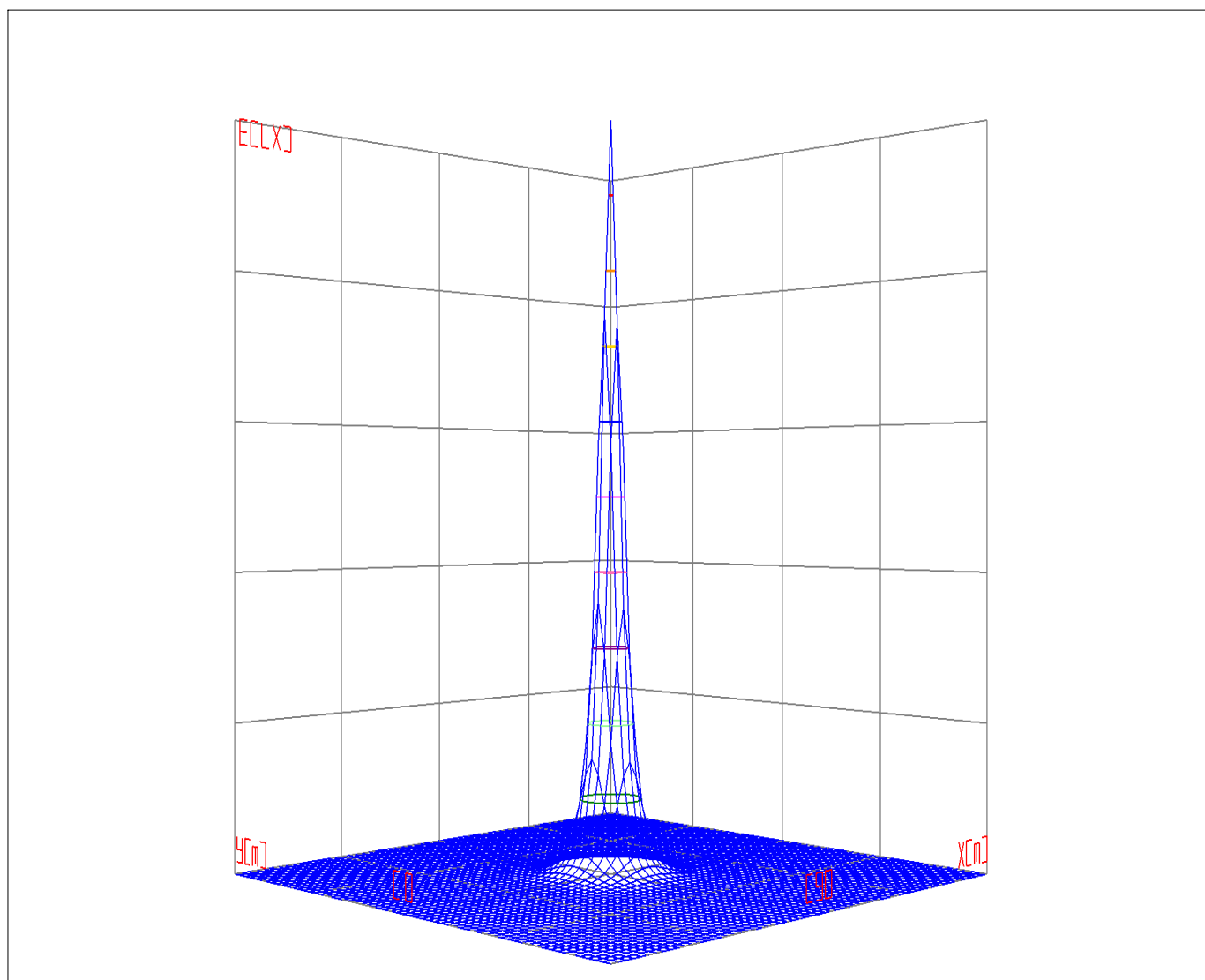
IES Indoor Report

Photometric Filename:TR01-12-D2W 1800-3000K RA95 15D.IES

3D Plane ISO Illuminance Diagram

Lum. Name: TR01-12-D2W 1800-3000K RA95 15D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quaility Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/01/22

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

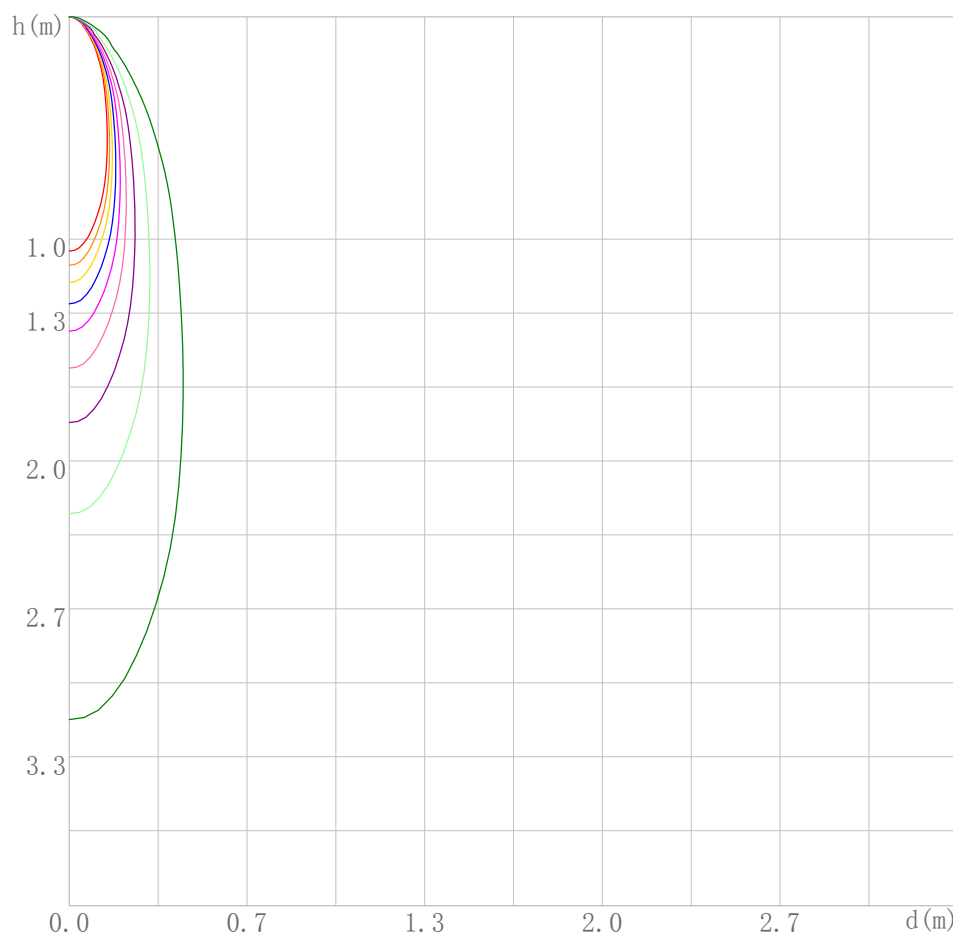
IES Indoor Report

Photometric Filename:TR01-12-D2W 1800-3000K RA95 15D.IES

Space ISO Illuminance Diagram

Lum. Name: TR01-12-D2W 1800-3000K RA95 15D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/01/22

Space ISO Illuminance Curve



Curves:

[Unit: lx]

[EMax] =3343.056

— [EMax*90%]=3008.750

— [EMax*80%]=2674.445

— [EMax*70%]=2340.139

— [EMax*60%]=2005.834

— [EMax*50%]=1671.528

— [EMax*40%]=1337.222

— [EMax*30%]=1002.917

— [EMax*20%]=668.611

— [EMax*10%]=334.306

Space Plane Maximum Illuminance and @Angle:3343.06lx,0.0deg

Plane Maximum Lighting Intensity and @Angle:3343.056cd,0deg

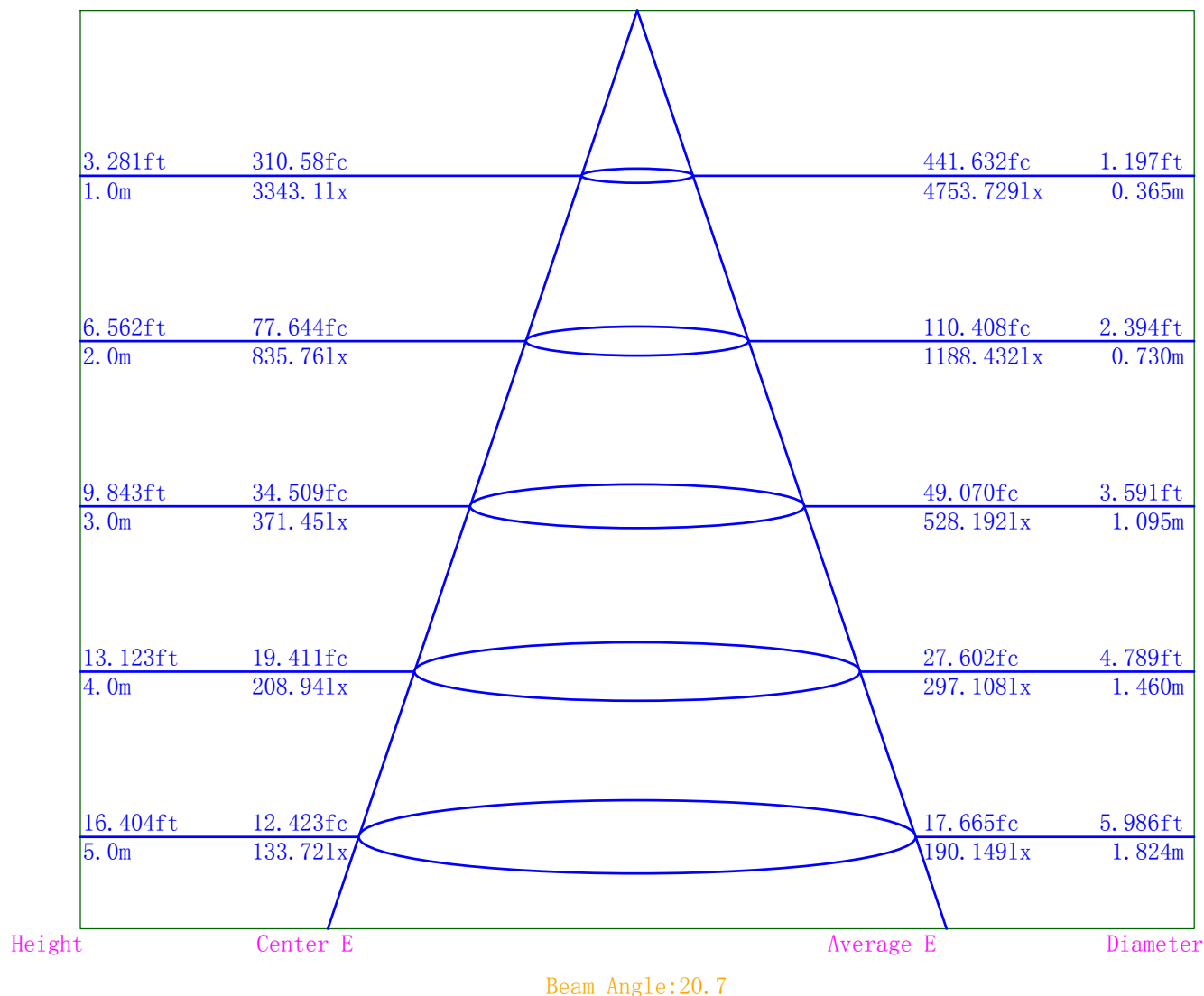
IES Indoor Report

Photometric Filename:TR01-12-D2W 1800-3000K RA95 15D.IES

Illuminance-Distance Diagram

Lum. Name: TR01-12-D2W 1800-3000K RA95 15D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quaility Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/01/22

Illuminance-Distance Curve



Indoor Luminance Limiting Curves

Table with 3 columns: Lum. Name, Lum. Catalog, Test ID, Lamp Name, Lamp Catalog, Test Lab, Manufacture, Test Machine, Test Date.

Glare Grade Table

Table with 10 columns: GI, Quality, and 8 columns for Using Illuminance (2000, 1000, 500, <=300, etc.).

Luminance Table

Table with 10 columns: Gama (deg), 45, 50, 55, 60, 65, 70, 75, 80, 85, and 3 rows for C0, C90, and C180.

Luminance Limiting Curve



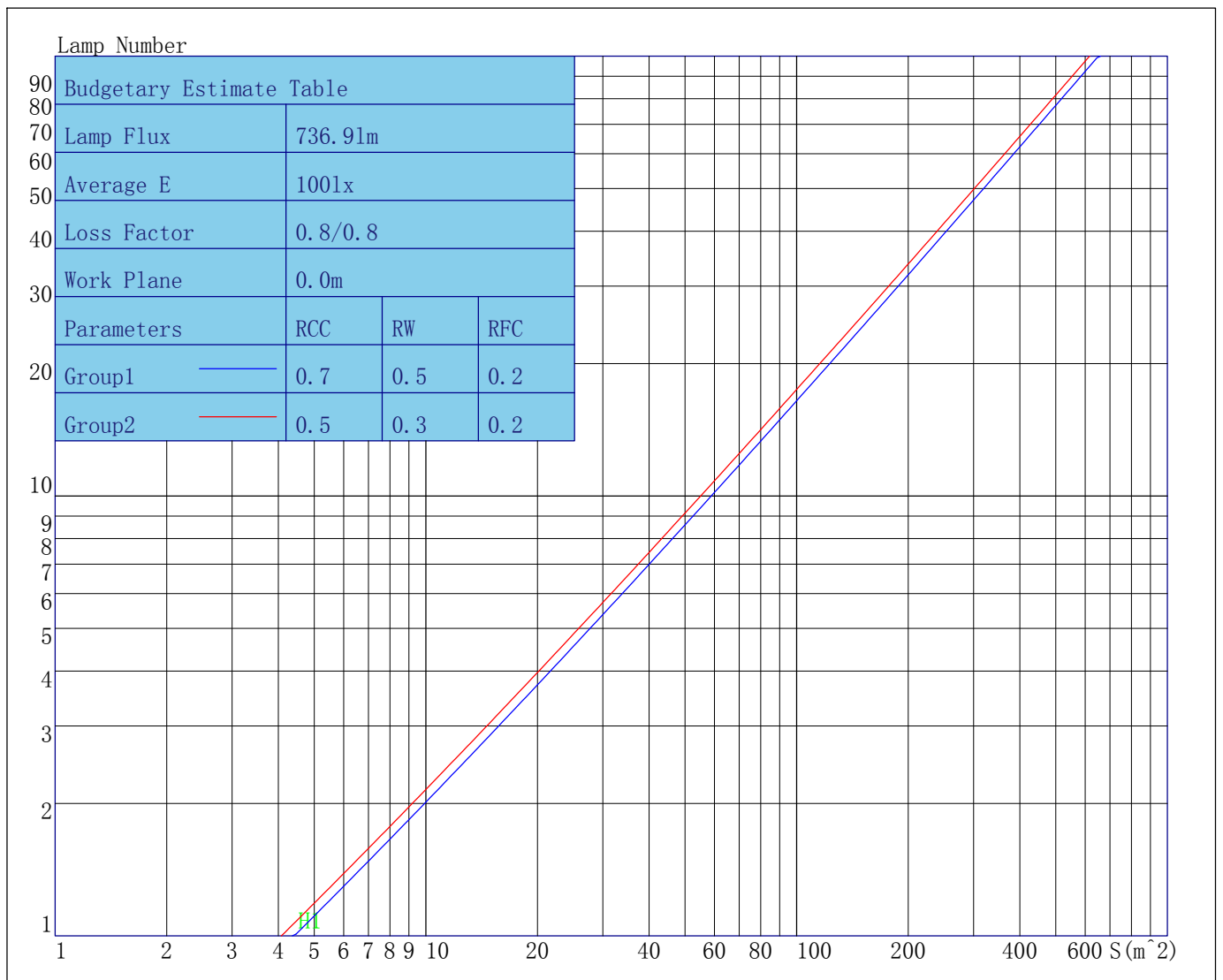
Luminous Size: Length(m)=0.000 Width(m)=0.000 Height(m)=0.000 Area(m^2)=0.000000
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: C90-C270 Color:

IES Indoor Report

Photometric Filename:TR01-12-D2W 1800-3000K RA95 15D.IES

Indoor Budgetary Estimate Table

Lum. Name: TR01-12-D2W 1800-3000K RA95 15D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quaility Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/01/22



Indoor Coefficient of Utilization Table

Lum. Name: TR01-12-D2W 1800-3000K RA95 15D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quaility Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/01/22

Coefficients of Utilization - Zonal Cavity Method																		
Coef.	Effective Floor Cavity Reflectance RFC=0.20																	
RhoCC (%)	80				70				50			30			10			0
RhoW (%)	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	Coefficient of Utilization(%)																	
0	88	88	88	88	85	85	85	85	81	81	81	78	78	78	74	74	74	73
1	84	82	81	79	82	80	79	78	77	76	75	74	74	73	72	71	71	69
2	81	77	75	73	79	76	74	72	74	72	70	71	70	69	69	68	67	66
3	77	73	70	68	76	72	70	67	70	68	66	68	67	65	67	65	64	63
4	74	70	66	64	73	69	66	63	67	65	63	66	64	62	64	63	61	60
5	72	67	63	61	71	66	63	60	65	62	60	63	61	59	62	60	58	58
6	69	64	60	58	68	63	60	58	62	59	57	61	59	57	60	58	56	55
7	67	61	58	55	66	61	58	55	60	57	55	59	56	54	58	56	54	53
8	65	59	56	53	64	59	55	53	58	55	53	57	54	52	56	54	52	51
9	63	57	54	51	62	57	53	51	56	53	51	55	53	51	55	52	51	50
10	61	55	52	49	60	55	52	49	54	51	49	54	51	49	53	51	49	48

Unified Glare Rating Table

Table with 3 columns: Lum. Name, Lum. Catalog, Test ID; Lamp Name, Lamp Catalog, Test Lab; Manufacture, Test Machine, Test Date.

Unified Glare Rating Table

Table with 11 columns for room surfaces (Ceiling, Wall, Floor) and room sizes (X, Y) at various heights (H). Includes a section for variations with observer position at spacings (S=1.0H, 1.5H, 2.0H) and a section for reduced UGR table with Nordic Standard and Correction Value.

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

Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	3343.06	3343.06	3343.06	3343.06
γ 1.0	3325.72	3313.45	3312.92	3316.21
γ 2.0	3259.93	3236.81	3230.91	3242.69
γ 3.0	3138.08	3116.42	3085.90	3107.31
γ 4.0	2983.35	2953.34	2921.01	2942.89
γ 5.0	2793.49	2760.33	2736.57	2762.02
γ 6.0	2597.14	2556.58	2542.29	2567.66
γ 7.0	2388.41	2355.13	2332.61	2361.90
γ 8.0	2189.00	2153.68	2120.31	2151.61
γ 9.0	1982.85	1948.20	1909.98	1938.48
γ 10.0	1776.71	1742.69	1703.43	1729.98
γ 11.0	1575.28	1545.25	1500.49	1526.12
γ 12.0	1388.82	1359.21	1311.81	1335.70
γ 13.0	1220.39	1194.10	1139.84	1159.82
γ 14.0	1072.21	1048.42	990.89	1008.93
γ 15.0	939.98	918.57	861.82	876.41
γ 16.0	825.97	806.31	752.48	766.03
γ 17.0	725.66	709.23	657.12	669.27
γ 18.0	641.23	625.20	576.90	586.74
γ 19.0	566.98	553.55	507.51	515.96
γ 20.0	504.68	491.46	447.93	456.04
γ 21.0	448.89	437.82	396.02	403.70
γ 22.0	401.91	391.06	352.60	359.31
γ 23.0	360.06	350.55	314.50	320.53
γ 24.0	324.01	314.98	281.53	287.62
γ 25.0	291.20	283.13	251.97	257.76
γ 26.0	262.17	254.16	224.96	230.64
γ 27.0	234.91	227.25	200.38	205.92
γ 28.0	209.99	202.64	177.96	183.37
γ 29.0	187.51	180.92	157.97	162.87
γ 30.0	168.12	161.84	140.60	145.30
γ 31.0	151.19	145.28	125.67	129.93
γ 32.0	136.30	130.65	112.56	116.69
γ 33.0	122.82	117.54	100.98	104.97
γ 34.0	110.99	105.95	91.04	94.85
γ 35.0	100.08	95.43	82.23	85.87
γ 36.0	90.39	85.83	74.13	77.60
γ 37.0	81.10	76.93	66.46	69.76
γ 38.0	73.36	69.23	59.89	62.98
γ 39.0	65.75	62.00	54.35	57.33
γ 40.0	59.68	56.06	49.52	52.39
γ 41.0	54.30	50.96	45.04	47.69
γ 42.0	49.38	46.06	41.25	43.90
γ 43.0	45.10	42.01	38.14	40.63
γ 44.0	41.14	38.14	34.86	37.22
γ 45.0	37.29	34.45	31.84	34.12
γ 46.0	33.92	31.18	29.26	31.45

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	31.19	28.63	27.01	29.11
γ 48.0	28.09	25.59	24.62	26.54
γ 49.0	24.94	22.65	22.05	23.91
γ 50.0	23.10	20.93	20.61	22.41
γ 51.0	21.95	19.90	19.71	21.45
γ 52.0	21.05	19.02	18.92	20.64
γ 53.0	20.13	18.22	18.14	19.78
γ 54.0	19.30	17.40	17.33	18.93
γ 55.0	18.38	16.54	16.49	18.04
γ 56.0	17.45	15.65	15.60	17.13
γ 57.0	16.45	14.70	14.66	16.13
γ 58.0	15.40	13.70	13.67	15.12
γ 59.0	14.23	12.59	12.57	13.96
γ 60.0	12.98	11.37	11.35	12.74
γ 61.0	11.63	10.09	10.07	11.39
γ 62.0	10.23	8.74	8.80	10.09
γ 63.0	9.29	7.87	7.96	9.22
γ 64.0	8.57	7.19	7.26	8.49
γ 65.0	7.86	6.53	6.66	7.82
γ 66.0	7.24	5.95	6.07	7.22
γ 67.0	6.65	5.43	5.54	6.64
γ 68.0	6.11	4.93	5.03	6.09
γ 69.0	5.59	4.45	4.53	5.55
γ 70.0	5.09	3.97	4.08	5.08
γ 71.0	4.60	3.55	3.64	4.61
γ 72.0	4.18	3.14	3.26	4.18
γ 73.0	3.79	2.80	2.91	3.82
γ 74.0	3.50	2.53	2.66	3.53
γ 75.0	3.27	2.34	2.47	3.31
γ 76.0	3.11	2.19	2.31	3.13
γ 77.0	2.94	2.08	2.18	2.97
γ 78.0	2.82	1.95	2.05	2.84
γ 79.0	2.68	1.86	1.94	2.69
γ 80.0	2.55	1.75	1.82	2.55
γ 81.0	2.43	1.64	1.72	2.43
γ 82.0	2.32	1.56	1.62	2.31
γ 83.0	2.20	1.48	1.53	2.19
γ 84.0	2.11	1.39	1.44	2.09
γ 85.0	2.02	1.31	1.35	1.99
γ 86.0	1.92	1.24	1.28	1.90
γ 87.0	1.84	1.17	1.20	1.80
γ 88.0	1.76	1.11	1.13	1.72
γ 89.0	1.68	1.03	1.06	1.62
γ 90.0	1.60	0.98	0.99	1.54
γ 91.0	1.52	0.93	0.92	1.46
γ 92.0	1.46	0.87	0.86	1.38
γ 93.0	1.40	0.81	0.80	1.29

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	1.33	0.77	0.73	1.22
γ 95.0	1.28	0.73	0.68	1.15
γ 96.0	1.22	0.69	0.63	1.09
γ 97.0	1.16	0.65	0.58	1.04
γ 98.0	1.13	0.63	0.54	0.98
γ 99.0	1.08	0.59	0.51	0.93
γ 100.0	1.04	0.56	0.47	0.88
γ 101.0	1.00	0.52	0.44	0.84
γ 102.0	0.96	0.50	0.41	0.81
γ 103.0	0.92	0.48	0.40	0.77
γ 104.0	0.90	0.47	0.38	0.74
γ 105.0	0.86	0.44	0.36	0.72
γ 106.0	0.84	0.42	0.35	0.70
γ 107.0	0.81	0.40	0.34	0.67
γ 108.0	0.79	0.38	0.34	0.66
γ 109.0	0.75	0.37	0.34	0.65
γ 110.0	0.73	0.35	0.33	0.64
γ 111.0	0.70	0.34	0.33	0.62
γ 112.0	0.68	0.32	0.34	0.62
γ 113.0	0.66	0.31	0.35	0.62
γ 114.0	0.63	0.28	0.36	0.62
γ 115.0	0.61	0.28	0.37	0.61
γ 116.0	0.59	0.27	0.38	0.63
γ 117.0	0.56	0.25	0.40	0.62
γ 118.0	0.55	0.24	0.41	0.65
γ 119.0	0.54	0.24	0.44	0.66
γ 120.0	0.53	0.24	0.46	0.67
γ 121.0	0.54	0.25	0.50	0.70
γ 122.0	0.54	0.27	0.53	0.72
γ 123.0	0.55	0.29	0.58	0.75
γ 124.0	0.56	0.30	0.62	0.78
γ 125.0	0.59	0.34	0.67	0.83
γ 126.0	0.62	0.39	0.73	0.87
γ 127.0	0.66	0.43	0.78	0.92
γ 128.0	0.71	0.49	0.85	0.98
γ 129.0	0.77	0.55	0.93	1.05
γ 130.0	0.82	0.62	1.02	1.12
γ 131.0	0.90	0.71	1.11	1.22
γ 132.0	0.98	0.80	1.20	1.31
γ 133.0	1.07	0.90	1.32	1.41
γ 134.0	1.17	1.00	1.45	1.54
γ 135.0	1.28	1.13	1.58	1.66
γ 136.0	1.40	1.25	1.72	1.79
γ 137.0	1.53	1.39	1.86	1.93
γ 138.0	1.67	1.53	2.02	2.08
γ 139.0	1.82	1.68	2.18	2.23
γ 140.0	1.97	1.83	2.36	2.40

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	2.13	1.99	2.53	2.56
γ 142.0	2.30	2.16	2.69	2.73
γ 143.0	2.45	2.35	2.86	2.88
γ 144.0	2.63	2.51	3.02	3.07
γ 145.0	2.79	2.69	3.20	3.22
γ 146.0	2.95	2.85	3.35	3.38
γ 147.0	3.10	3.00	3.50	3.51
γ 148.0	3.25	3.15	3.64	3.67
γ 149.0	3.40	3.31	3.77	3.80
γ 150.0	3.54	3.44	3.90	3.93
γ 151.0	3.67	3.57	4.02	4.03
γ 152.0	3.80	3.69	4.10	4.13
γ 153.0	3.91	3.80	4.20	4.22
γ 154.0	4.00	3.90	4.30	4.31
γ 155.0	4.10	4.00	4.37	4.38
γ 156.0	4.18	4.08	4.44	4.45
γ 157.0	4.26	4.16	4.50	4.51
γ 158.0	4.33	4.23	4.55	4.57
γ 159.0	4.39	4.29	4.60	4.62
γ 160.0	4.46	4.35	4.64	4.67
γ 161.0	4.50	4.39	4.67	4.68
γ 162.0	4.55	4.43	4.70	4.72
γ 163.0	4.58	4.48	4.74	4.74
γ 164.0	4.61	4.50	4.74	4.76
γ 165.0	4.63	4.53	4.76	4.77
γ 166.0	4.65	4.54	4.77	4.78
γ 167.0	4.66	4.56	4.76	4.77
γ 168.0	4.68	4.56	4.76	4.77
γ 169.0	4.67	4.57	4.75	4.76
γ 170.0	4.67	4.56	4.74	4.75
γ 171.0	4.66	4.56	4.72	4.72
γ 172.0	4.66	4.53	4.69	4.70
γ 173.0	4.63	4.53	4.68	4.68
γ 174.0	4.62	4.51	4.64	4.65
γ 175.0	4.61	4.49	4.61	4.62
γ 176.0	4.59	4.49	4.60	4.60
γ 177.0	4.59	4.49	4.58	4.58
γ 178.0	4.59	4.49	4.57	4.56
γ 179.0	4.59	4.48	4.58	4.57
γ 180.0	4.56	4.56	4.56	4.56