

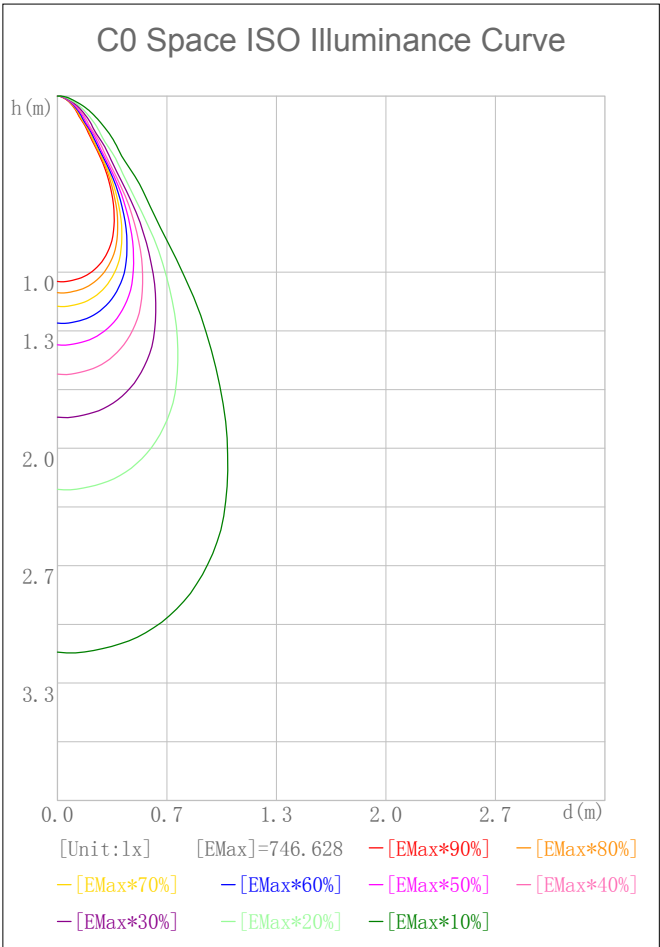
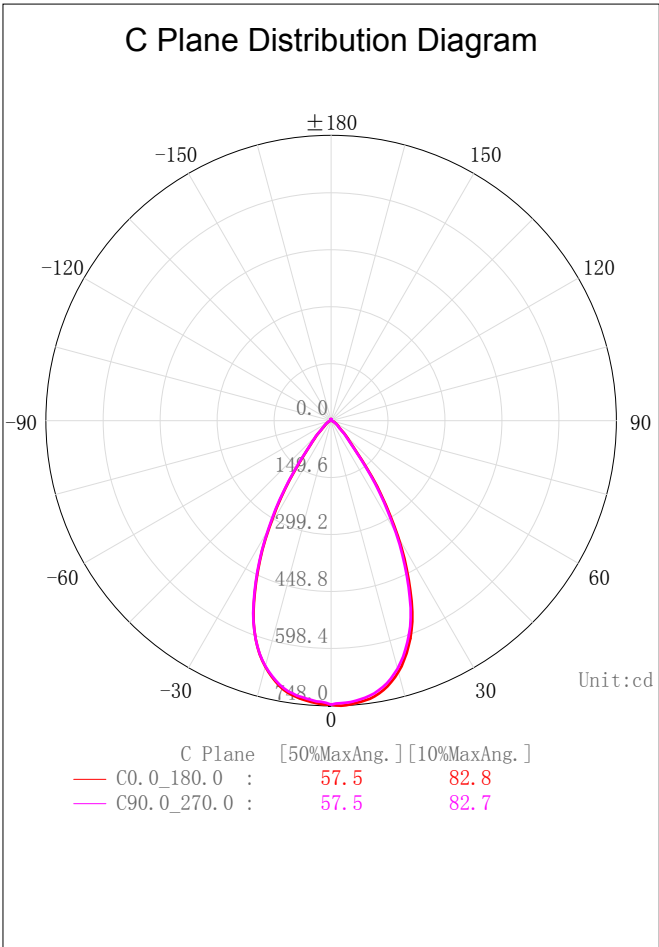
Indoor Luminaire Photometric Data

Description Information

Luminary Name: TR01-12-D2W 1800-3000K RA95 60D	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): 674.052	Field Angle(10%Imax): 82.8(°)
Rated Power(W):	Luminary Efficiency: 67.41%	Down Lumens&Percent: 665.499lm 98.73%
Rated Voltage(V):	Luminary EER(lm/W): 61.501	Up Lumens&Percent: 8.553lm 1.27%
Tested Power(W): 10.960	Max. Candela(cd): 747.994	S/MH: C0_a180=0.909 C90_270=0.904
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=2.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf):240.4, 0.047, 0.964	Beam Angle(50%Imax): 57.5(°)	ErP Φ use(90°): 618.470lm
Lamp Size (W*L*H):0.000m*0.000m*0.000m	Left=-28.3°, Right=29.2°	IRF(%): 240.783



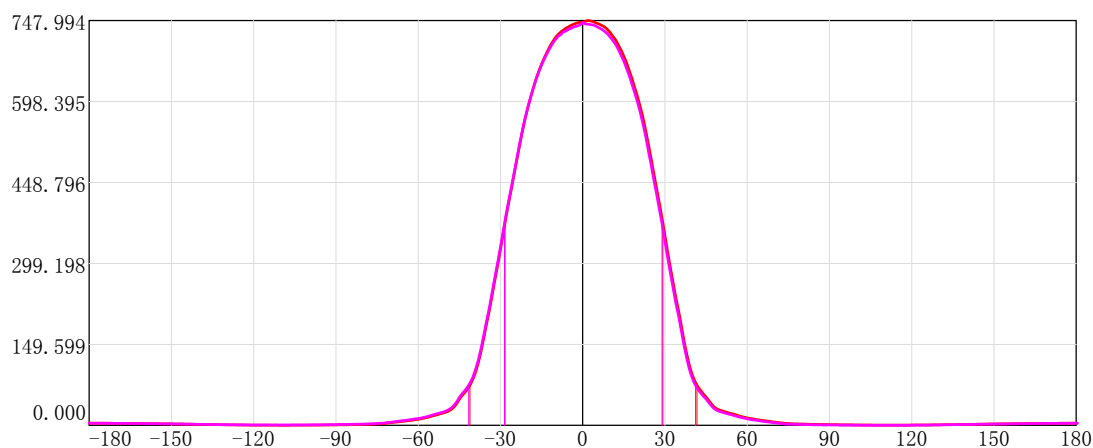
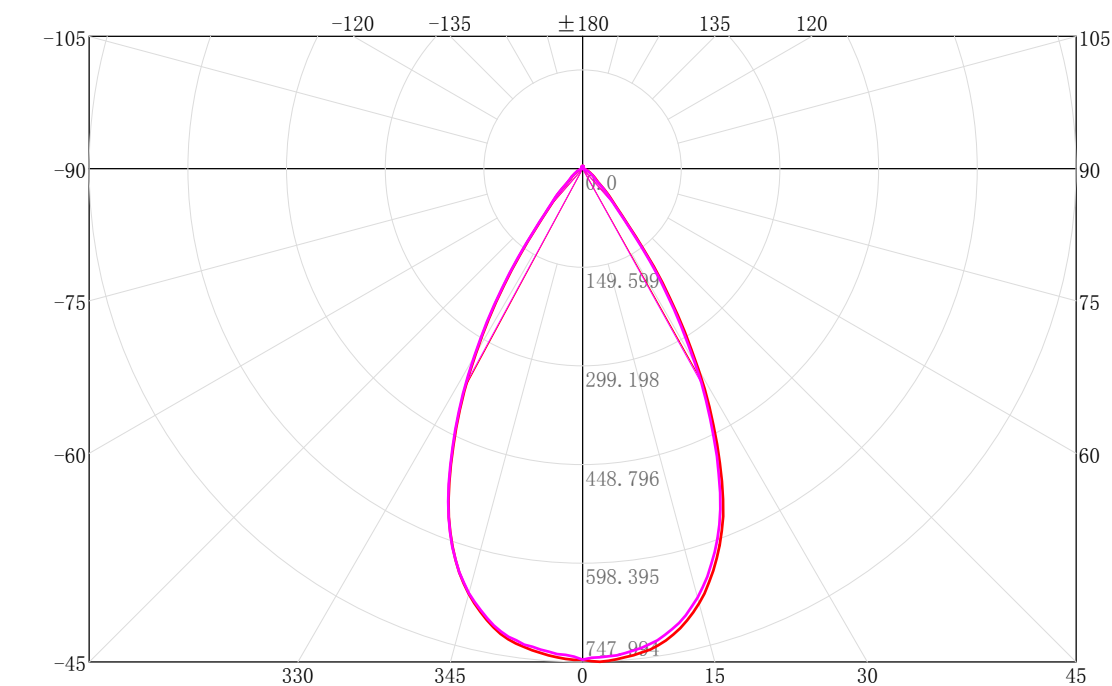
IES Indoor Report

Photometric Filename:TR01-12-D2W 1800-3000K RA95 60D.IES

2D Plane Light Intensity Distribution Curve

Lum. Name: TR01-12-D2W 1800-3000K RA95 60D	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

C Plane Distribution Diagram



C Plane [50%MaxAng.] [10%MaxAng.]
— C0.0_180.0 : 57.5 82.8
— C90.0_270.0 : 57.5 82.7

Unit:cd

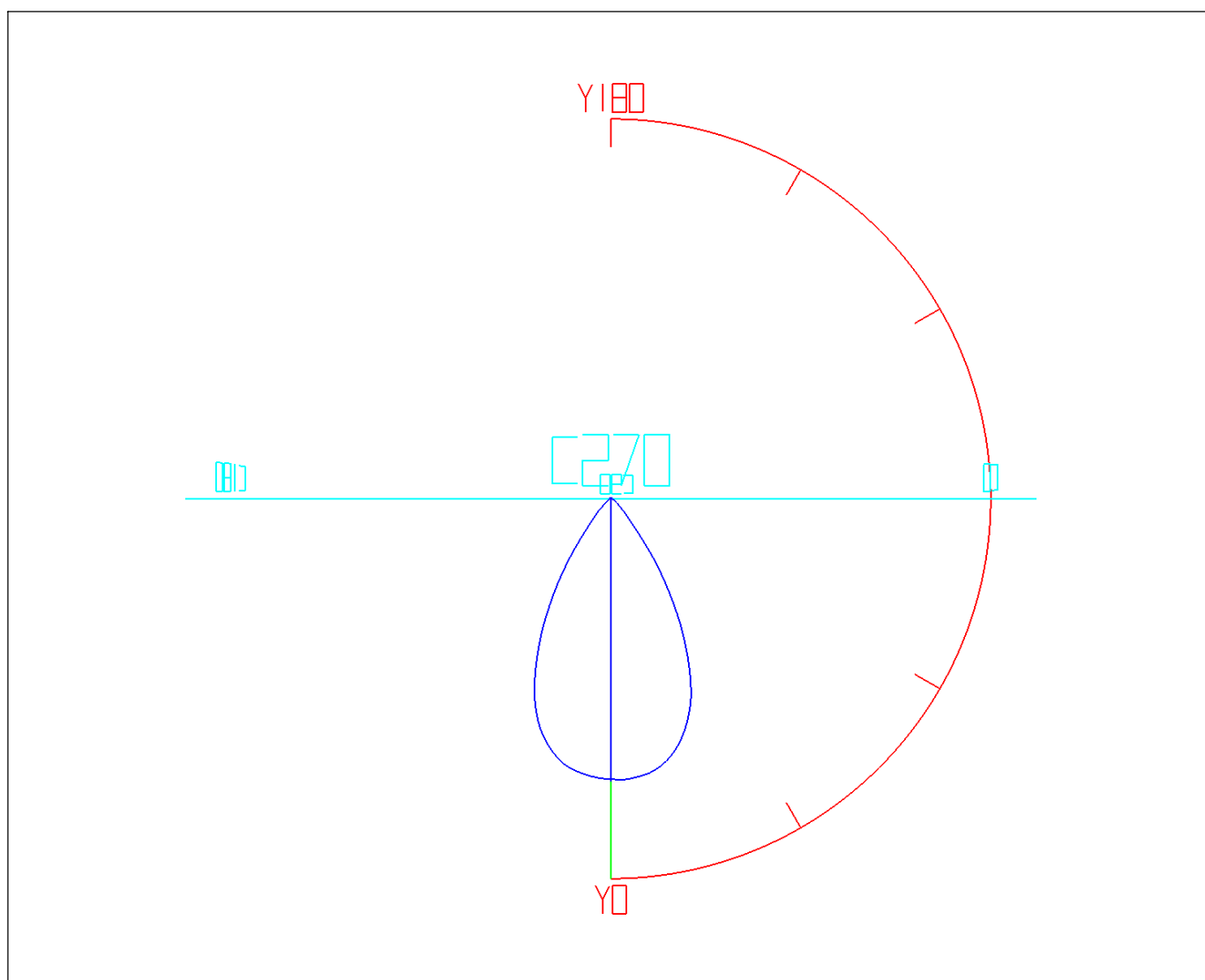
IES Indoor Report

Photometric Filename:TR01-12-D2W 1800-3000K RA95 60D.IES

3D Light Intensity Distribution Modal

Lum. Name: TR01-12-D2W 1800-3000K RA95 60D	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 Light Intensity Distribution Modal



Curves: 3D Model — Fixture — Vert. HUD — Hori. HUD —
View Angles: Orient:0 Tilt:0 Roll:0 Spin:0

Zonal Flux Tabulation

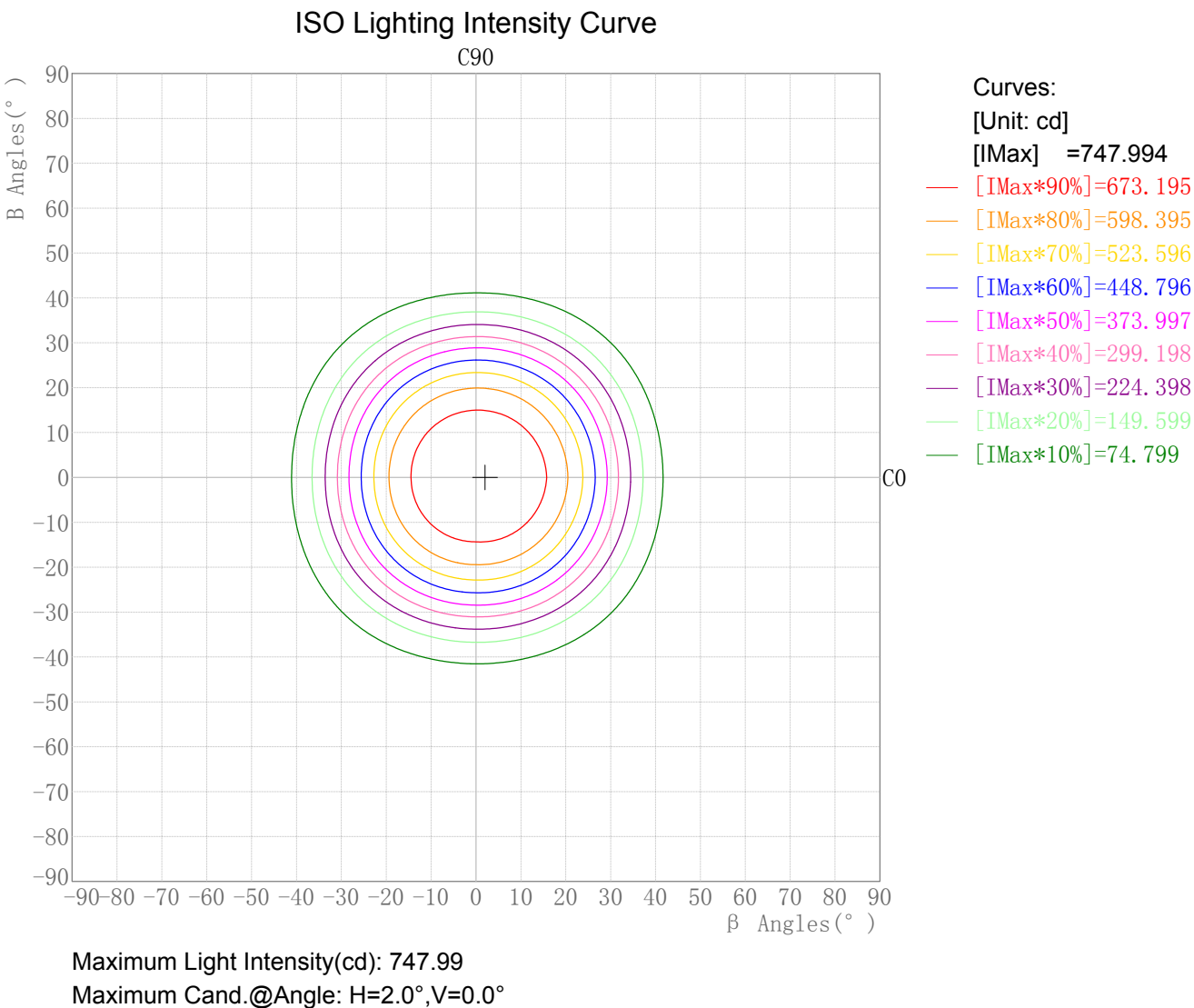
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	0.71	0.71	0.07	0.07	47.0-48.0	2.75	629.76	0.28	62.98
1.0-2.0	2.13	2.84	0.21	0.28	48.0-49.0	2.46	632.22	0.25	63.22
2.0-3.0	3.55	6.39	0.35	0.64	49.0-50.0	2.27	634.49	0.23	63.45
3.0-4.0	4.96	11.35	0.50	1.14	50.0-51.0	2.14	636.63	0.21	63.66
4.0-5.0	6.35	17.71	0.64	1.77	51.0-52.0	2.05	638.68	0.20	63.87
5.0-6.0	7.74	25.44	0.77	2.54	52.0-53.0	1.95	640.63	0.20	64.06
6.0-7.0	9.10	34.55	0.91	3.45	53.0-54.0	1.85	642.48	0.19	64.25
7.0-8.0	10.45	45.00	1.05	4.50	54.0-55.0	1.75	644.23	0.18	64.42
8.0-9.0	11.77	56.77	1.18	5.68	55.0-56.0	1.64	645.87	0.16	64.59
9.0-10.0	13.05	69.82	1.31	6.98	56.0-57.0	1.53	647.40	0.15	64.74
10.0-11.0	14.28	84.10	1.43	8.41	57.0-58.0	1.42	648.82	0.14	64.88
11.0-12.0	15.46	99.56	1.55	9.96	58.0-59.0	1.32	650.14	0.13	65.01
12.0-13.0	16.57	116.13	1.66	11.61	59.0-60.0	1.24	651.38	0.12	65.14
13.0-14.0	17.62	133.75	1.76	13.38	60.0-61.0	1.16	652.54	0.12	65.25
14.0-15.0	18.61	152.36	1.86	15.24	61.0-62.0	1.09	653.63	0.11	65.36
15.0-16.0	19.51	171.87	1.95	17.19	62.0-63.0	1.02	654.65	0.10	65.46
16.0-17.0	20.32	192.18	2.03	19.22	63.0-64.0	0.96	655.61	0.10	65.56
17.0-18.0	21.02	213.21	2.10	21.32	64.0-65.0	0.90	656.51	0.09	65.65
18.0-19.0	21.61	234.82	2.16	23.48	65.0-66.0	0.84	657.35	0.08	65.73
19.0-20.0	22.10	256.92	2.21	25.69	66.0-67.0	0.78	658.12	0.08	65.81
20.0-21.0	22.45	279.37	2.25	27.94	67.0-68.0	0.72	658.85	0.07	65.88
21.0-22.0	22.67	302.04	2.27	30.20	68.0-69.0	0.66	659.51	0.07	65.95
22.0-23.0	22.70	324.74	2.27	32.47	69.0-70.0	0.61	660.12	0.06	66.01
23.0-24.0	22.55	347.28	2.25	34.73	70.0-71.0	0.55	660.67	0.05	66.07
24.0-25.0	22.25	369.54	2.23	36.95	71.0-72.0	0.49	661.15	0.05	66.12
25.0-26.0	21.84	391.37	2.18	39.14	72.0-73.0	0.43	661.58	0.04	66.16
26.0-27.0	21.29	412.66	2.13	41.27	73.0-74.0	0.38	661.96	0.04	66.20
27.0-28.0	20.65	433.31	2.06	43.33	74.0-75.0	0.34	662.30	0.03	66.23
28.0-29.0	19.88	453.20	1.99	45.32	75.0-76.0	0.31	662.61	0.03	66.26
29.0-30.0	18.94	472.14	1.89	47.21	76.0-77.0	0.29	662.90	0.03	66.29
30.0-31.0	17.88	490.02	1.79	49.00	77.0-78.0	0.27	663.17	0.03	66.32
31.0-32.0	16.78	506.80	1.68	50.68	78.0-79.0	0.26	663.43	0.03	66.34
32.0-33.0	15.63	522.43	1.56	52.24	79.0-80.0	0.24	663.67	0.02	66.37
33.0-34.0	14.37	536.80	1.44	53.68	80.0-81.0	0.23	663.90	0.02	66.39
34.0-35.0	13.10	549.91	1.31	54.99	81.0-82.0	0.22	664.11	0.02	66.41
35.0-36.0	11.79	561.70	1.18	56.17	82.0-83.0	0.21	664.32	0.02	66.43
36.0-37.0	10.35	572.05	1.04	57.21	83.0-84.0	0.20	664.52	0.02	66.45
37.0-38.0	8.97	581.02	0.90	58.10	84.0-85.0	0.19	664.70	0.02	66.47
38.0-39.0	7.74	588.76	0.77	58.88	85.0-86.0	0.18	664.88	0.02	66.49
39.0-40.0	6.72	595.48	0.67	59.55	86.0-87.0	0.17	665.05	0.02	66.50
40.0-41.0	5.94	601.42	0.59	60.14	87.0-88.0	0.16	665.20	0.02	66.52
41.0-42.0	5.34	606.76	0.53	60.68	88.0-89.0	0.15	665.36	0.02	66.54
42.0-43.0	4.88	611.64	0.49	61.16	89.0-90.0	0.14	665.50	0.01	66.55
43.0-44.0	4.48	616.12	0.45	61.61	90.0-91.0	0.14	665.63	0.01	66.56
44.0-45.0	4.09	620.22	0.41	62.02	91.0-92.0	0.13	665.76	0.01	66.58
45.0-46.0	3.64	623.85	0.36	62.39	92.0-93.0	0.12	665.88	0.01	66.59
46.0-47.0	3.16	627.01	0.32	62.70	93.0-94.0	0.12	666.00	0.01	66.60

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	666.11	0.01	66.61	141.0-142.0	0.14	670.08	0.01	67.01
95.0-96.0	0.10	666.21	0.01	66.62	142.0-143.0	0.14	670.22	0.01	67.02
96.0-97.0	0.10	666.31	0.01	66.63	143.0-144.0	0.15	670.37	0.01	67.04
97.0-98.0	0.09	666.40	0.01	66.64	144.0-145.0	0.15	670.52	0.01	67.05
98.0-99.0	0.09	666.49	0.01	66.65	145.0-146.0	0.15	670.66	0.01	67.07
99.0-100.0	0.08	666.57	0.01	66.66	146.0-147.0	0.15	670.81	0.01	67.08
100.0-101.0	0.08	666.65	0.01	66.67	147.0-148.0	0.15	670.96	0.01	67.10
101.0-102.0	0.07	666.72	0.01	66.67	148.0-149.0	0.15	671.11	0.01	67.11
102.0-103.0	0.07	666.80	0.01	66.68	149.0-150.0	0.15	671.26	0.01	67.13
103.0-104.0	0.07	666.86	0.01	66.69	150.0-151.0	0.15	671.41	0.01	67.14
104.0-105.0	0.06	666.93	0.01	66.69	151.0-152.0	0.15	671.56	0.01	67.16
105.0-106.0	0.06	666.99	0.01	66.70	152.0-153.0	0.15	671.70	0.01	67.17
106.0-107.0	0.06	667.05	0.01	66.70	153.0-154.0	0.14	671.85	0.01	67.18
107.0-108.0	0.06	667.11	0.01	66.71	154.0-155.0	0.14	671.99	0.01	67.20
108.0-109.0	0.06	667.16	0.01	66.72	155.0-156.0	0.14	672.13	0.01	67.21
109.0-110.0	0.05	667.22	0.01	66.72	156.0-157.0	0.14	672.27	0.01	67.23
110.0-111.0	0.05	667.27	0.01	66.73	157.0-158.0	0.13	672.40	0.01	67.24
111.0-112.0	0.05	667.32	0.01	66.73	158.0-159.0	0.13	672.53	0.01	67.25
112.0-113.0	0.05	667.38	0.01	66.74	159.0-160.0	0.13	672.66	0.01	67.27
113.0-114.0	0.05	667.43	0.01	66.74	160.0-161.0	0.12	672.78	0.01	67.28
114.0-115.0	0.05	667.48	0.01	66.75	161.0-162.0	0.12	672.90	0.01	67.29
115.0-116.0	0.06	667.54	0.01	66.75	162.0-163.0	0.11	673.01	0.01	67.30
116.0-117.0	0.06	667.60	0.01	66.76	163.0-164.0	0.11	673.13	0.01	67.31
117.0-118.0	0.06	667.66	0.01	66.77	164.0-165.0	0.11	673.23	0.01	67.32
118.0-119.0	0.06	667.72	0.01	66.77	165.0-166.0	0.10	673.33	0.01	67.33
119.0-120.0	0.06	667.78	0.01	66.78	166.0-167.0	0.09	673.42	0.01	67.34
120.0-121.0	0.07	667.85	0.01	66.78	167.0-168.0	0.09	673.51	0.01	67.35
121.0-122.0	0.07	667.92	0.01	66.79	168.0-169.0	0.08	673.60	0.01	67.36
122.0-123.0	0.07	667.99	0.01	66.80	169.0-170.0	0.08	673.67	0.01	67.37
123.0-124.0	0.08	668.07	0.01	66.81	170.0-171.0	0.07	673.74	0.01	67.37
124.0-125.0	0.08	668.14	0.01	66.81	171.0-172.0	0.06	673.81	0.01	67.38
125.0-126.0	0.08	668.23	0.01	66.82	172.0-173.0	0.06	673.86	0.01	67.39
126.0-127.0	0.09	668.31	0.01	66.83	173.0-174.0	0.05	673.91	0.00	67.39
127.0-128.0	0.09	668.41	0.01	66.84	174.0-175.0	0.04	673.95	0.00	67.40
128.0-129.0	0.09	668.50	0.01	66.85	175.0-176.0	0.03	673.99	0.00	67.40
129.0-130.0	0.10	668.60	0.01	66.86	176.0-177.0	0.03	674.02	0.00	67.40
130.0-131.0	0.10	668.70	0.01	66.87	177.0-178.0	0.02	674.04	0.00	67.40
131.0-132.0	0.11	668.81	0.01	66.88	178.0-179.0	0.01	674.05	0.00	67.40
132.0-133.0	0.11	668.92	0.01	66.89	179.0-180.0	0.00	674.05	0.00	67.41
133.0-134.0	0.12	669.04	0.01	66.90					
134.0-135.0	0.12	669.15	0.01	66.92					
135.0-136.0	0.12	669.28	0.01	66.93					
136.0-137.0	0.13	669.40	0.01	66.94					
137.0-138.0	0.13	669.53	0.01	66.95					
138.0-139.0	0.13	669.67	0.01	66.97					
139.0-140.0	0.14	669.80	0.01	66.98					
140.0-141.0	0.14	669.94	0.01	66.99					

Rectangle ISO Lighting Intensity Diagram

Lum. Name:TR01-12-D2W 1800-3000K RA95 60D	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



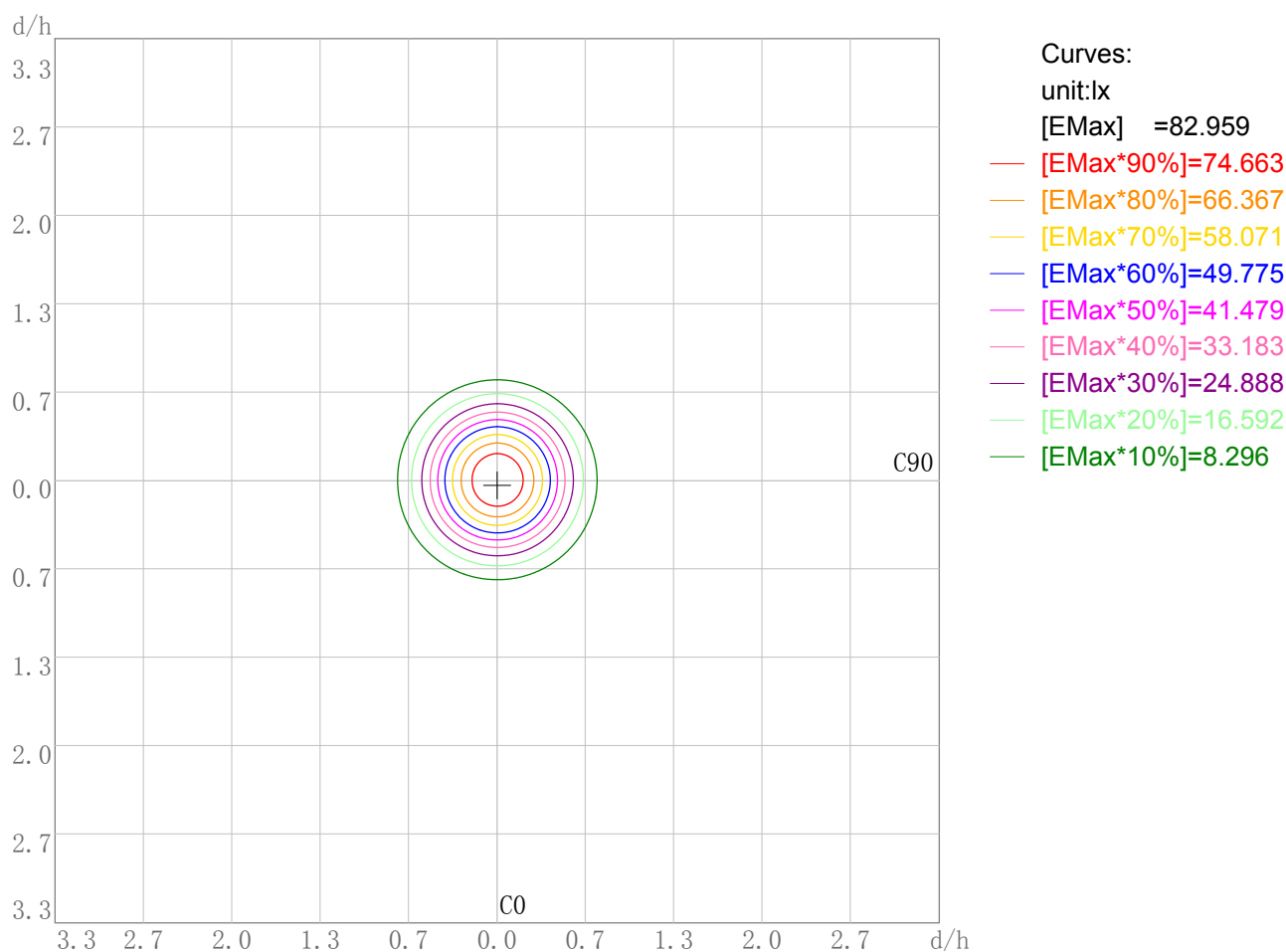
IES Indoor Report

Photometric Filename:TR01-12-D2W 1800-3000K RA95 60D.IES

Plane ISO-Illuminance Diagram

Lum. Name: TR01-12-D2W 1800-3000K RA95 60D	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

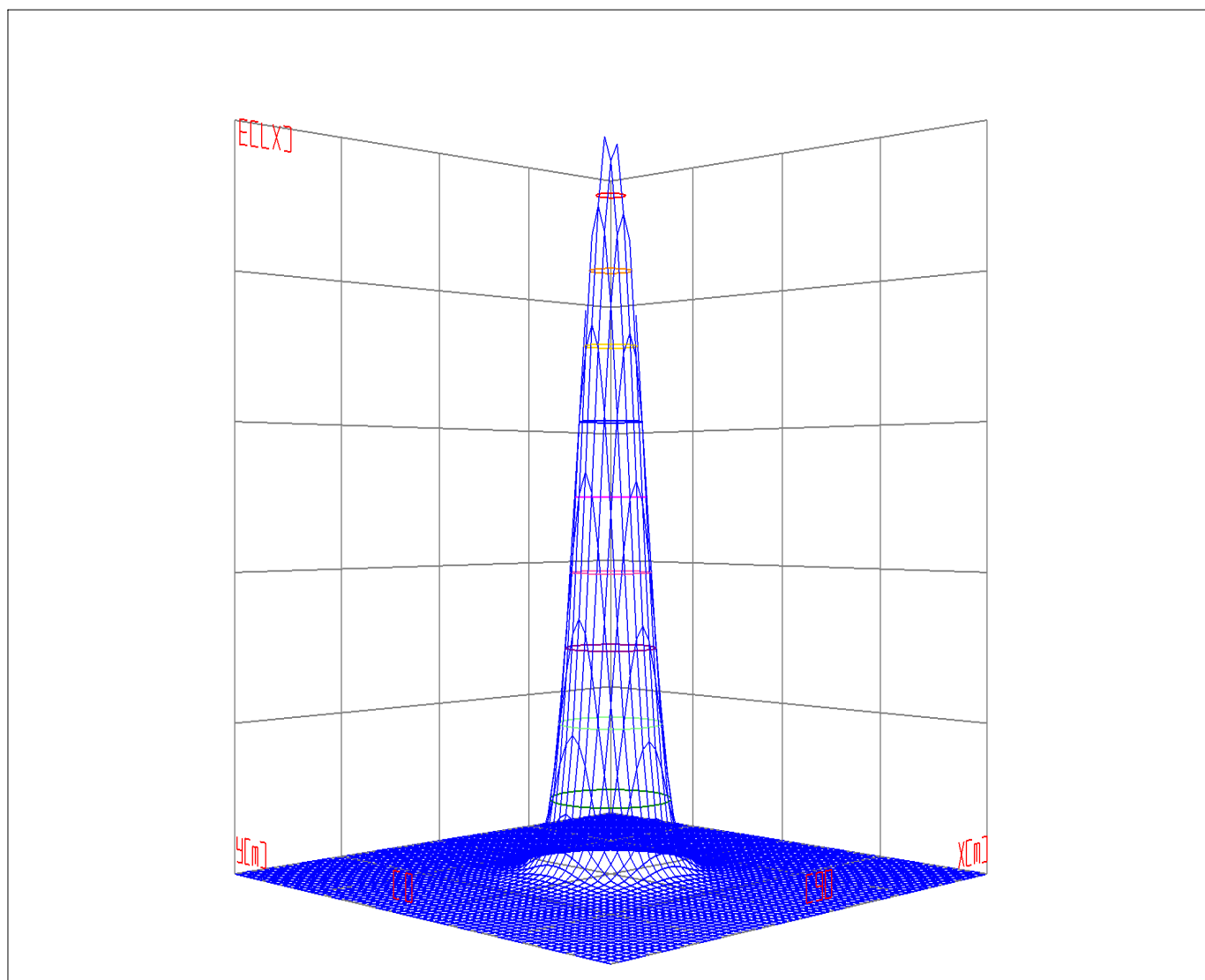
Working Plane Maximum Illuminance(lx): 82.96

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

3D Plane ISO Illuminance Diagram

Lum. Name: TR01-12-D2W 1800-3000K RA95 60D	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

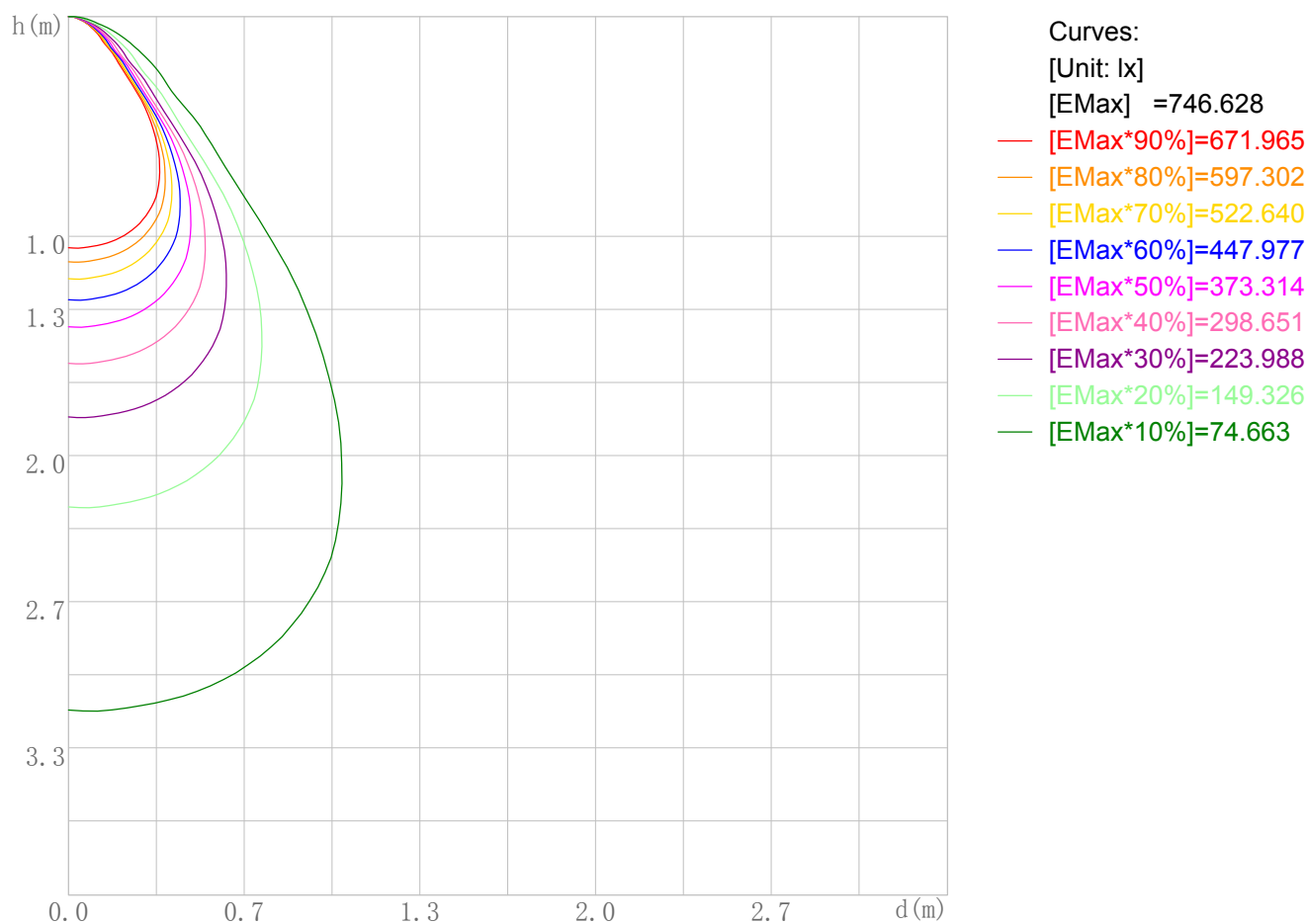
IES Indoor Report

Photometric Filename:TR01-12-D2W 1800-3000K RA95 60D.IES

Space ISO Illuminance Diagram

Lum. Name: TR01-12-D2W 1800-3000K RA95 60D	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

Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:746.63lx,2.0deg

Plane Maximum Lighting Intensity and @Angle:747.994cd,0deg

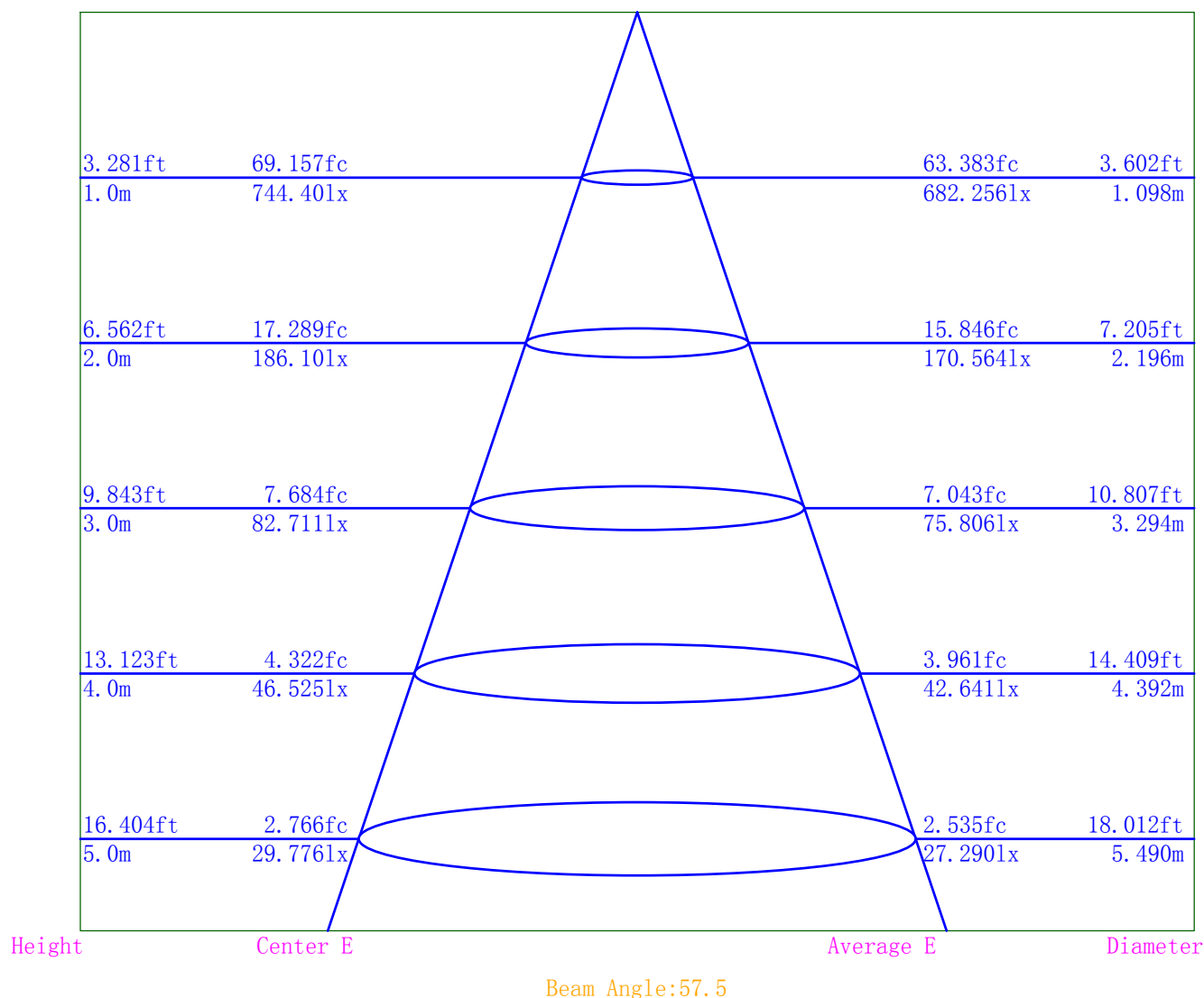
IES Indoor Report

Photometric Filename:TR01-12-D2W 1800-3000K RA95 60D.IES

Illuminance-Distance Diagram

Lum. Name: TR01-12-D2W 1800-3000K RA95 60D	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

Lum. Name:TR01-12-D2W 1800-3000K RA95 60D	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

Glare Grade Table

GI	Quality	Using Illuminace							
1.15	A	2000	1000	500	<=300				
1.5	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.2	D				2000	1000	500	<=300	
2.55	E	a				2000	1000	500	<=300
			b	c	d	e	f	g	h

Luminance Table

Gama(deg)	45	50	55	60	65	70	75	80	85
C0	0	0	0	0	0	0	0	0	0
C90	0	0	0	0	0	0	0	0	0

Luminance Limiting Curve



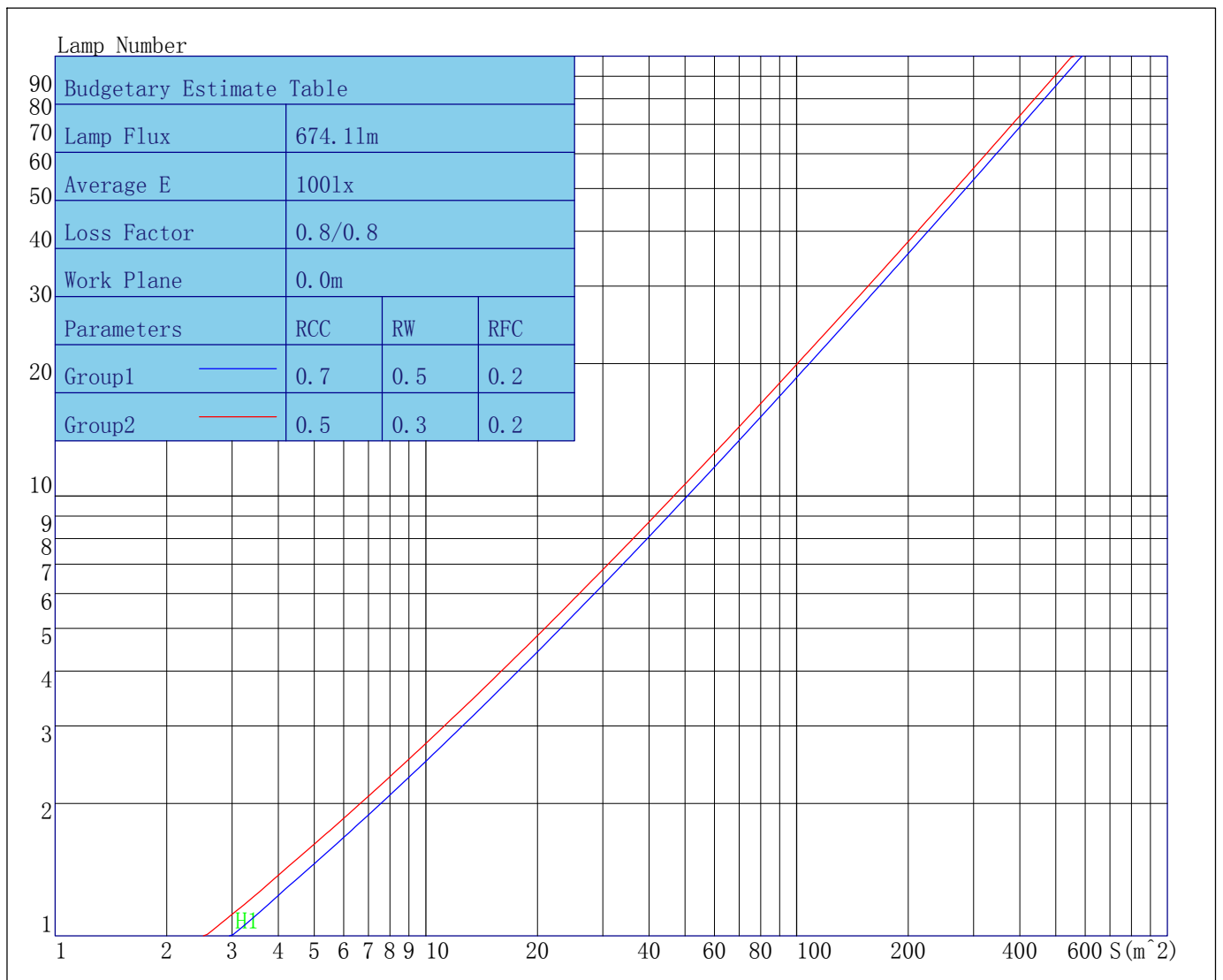
Luminous Size: Length(m)=0.000 Width(m)=0.000 Height(m)=0.000 Area(m^2)=0.000000
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: C90-C270 Color:

IES Indoor Report

Photometric Filename:TR01-12-D2W 1800-3000K RA95 60D.IES

Indoor Budgetary Estimate Table

Lum. Name: TR01-12-D2W 1800-3000K RA95 60D	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



Parameters1: Rhocc = 0.7 Rhow = 0.5 Rhofc = 0.2 LLF = 0.8
Parameters2: Rhocc = 0.5 Rhow = 0.3 Rhofc = 0.2 LLF = 0.8
Average Illuminance(lx): 100 Cavity Height: H1(m) = 2

Indoor Coefficient of Utilization Table

Lum. Name: TR01-12-D2W 1800-3000K RA95 60D	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	80	80	80	80	78	78	78	78	74	74	74	71	71	71	68	68	68	67
1	76	74	72	71	74	73	71	70	70	68	67	67	66	65	65	64	63	62
2	72	69	66	63	71	67	65	63	65	63	61	63	61	60	61	60	58	57
3	68	64	60	58	67	63	60	57	61	58	56	59	57	55	58	56	54	53
4	65	60	56	53	64	59	55	52	57	54	52	56	53	51	54	52	50	49
5	61	56	52	49	60	55	51	48	54	50	48	52	50	47	51	49	47	46
6	58	52	48	45	57	52	48	45	51	47	45	50	47	44	49	46	44	43
7	55	49	45	42	54	49	45	42	48	44	42	47	44	41	46	43	41	40
8	53	46	42	39	52	46	42	39	45	41	39	44	41	39	44	41	39	38
9	50	44	40	37	49	43	39	37	43	39	37	42	39	36	41	38	36	35
10	48	41	37	35	47	41	37	35	40	37	35	40	37	34	39	36	34	33

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 sections for variations with observer position and reduced UGR table.

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	744.40	744.40	744.40	744.40
γ 1.0	746.67	741.48	744.65	739.79
γ 2.0	747.99	741.15	743.69	737.50
γ 3.0	747.20	740.35	741.82	736.90
γ 4.0	745.51	739.63	739.59	734.12
γ 5.0	743.22	737.11	736.83	731.89
γ 6.0	741.55	734.43	734.12	728.69
γ 7.0	738.77	731.84	730.51	726.87
γ 8.0	736.12	727.99	726.83	721.99
γ 9.0	731.59	723.79	722.08	718.62
γ 10.0	726.20	717.74	716.25	712.49
γ 11.0	719.36	711.20	708.39	705.46
γ 12.0	712.24	703.83	699.39	696.50
γ 13.0	702.84	694.85	689.44	686.84
γ 14.0	693.15	683.95	678.80	676.87
γ 15.0	682.03	673.21	667.02	666.11
γ 16.0	670.20	659.90	654.27	652.95
γ 17.0	655.41	646.62	640.00	639.54
γ 18.0	640.83	630.51	623.78	623.19
γ 19.0	624.19	614.56	605.69	606.74
γ 20.0	607.36	597.01	586.34	587.21
γ 21.0	588.49	578.31	565.79	566.89
γ 22.0	568.65	556.81	542.68	544.26
γ 23.0	544.56	533.63	516.94	519.65
γ 24.0	518.81	506.88	490.90	493.48
γ 25.0	492.28	481.41	464.08	466.98
γ 26.0	464.78	453.11	437.10	440.41
γ 27.0	436.47	425.82	409.77	413.78
γ 28.0	409.28	398.20	382.48	386.69
γ 29.0	381.37	371.09	353.27	357.79
γ 30.0	350.98	339.94	323.65	328.43
γ 31.0	320.44	309.96	295.62	300.59
γ 32.0	291.88	281.65	268.86	273.92
γ 33.0	264.04	254.21	241.00	246.50
γ 34.0	236.08	226.12	213.15	218.83
γ 35.0	210.70	201.62	187.90	193.40
γ 36.0	183.66	174.14	161.99	167.66
γ 37.0	154.97	146.65	137.74	143.04
γ 38.0	131.01	123.15	116.72	121.56
γ 39.0	109.29	102.52	99.39	103.98
γ 40.0	93.07	87.12	85.62	89.60
γ 41.0	80.98	75.81	75.46	79.13
γ 42.0	71.81	66.95	67.44	70.86
γ 43.0	64.71	60.27	60.66	63.89
γ 44.0	58.17	53.98	55.09	58.29
γ 45.0	52.75	48.79	47.83	51.01
γ 46.0	46.21	42.34	40.04	43.01

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	39.53	36.02	33.81	36.52
γ 48.0	34.13	30.89	29.39	31.83
γ 49.0	30.56	27.70	26.32	28.59
γ 50.0	28.40	25.67	24.19	26.32
γ 51.0	26.69	24.14	22.67	24.66
γ 52.0	25.22	22.75	21.31	23.20
γ 53.0	23.73	21.41	19.95	21.76
γ 54.0	22.32	20.06	18.58	20.35
γ 55.0	20.85	18.68	17.17	18.89
γ 56.0	19.37	17.24	15.74	17.41
γ 57.0	17.81	15.81	14.38	15.99
γ 58.0	16.39	14.44	13.20	14.77
γ 59.0	15.07	13.24	12.21	13.69
γ 60.0	13.99	12.21	11.37	12.79
γ 61.0	12.99	11.29	10.60	11.98
γ 62.0	12.07	10.40	9.87	11.22
γ 63.0	11.26	9.67	9.20	10.51
γ 64.0	10.47	8.92	8.54	9.80
γ 65.0	9.67	8.19	7.87	9.10
γ 66.0	8.96	7.52	7.27	8.48
γ 67.0	8.28	6.90	6.71	7.86
γ 68.0	7.62	6.27	6.12	7.26
γ 69.0	6.95	5.66	5.56	6.65
γ 70.0	6.30	5.05	5.00	6.05
γ 71.0	5.66	4.47	4.44	5.46
γ 72.0	5.01	3.86	3.87	4.87
γ 73.0	4.39	3.28	3.31	4.27
γ 74.0	3.87	2.79	2.90	3.83
γ 75.0	3.51	2.49	2.61	3.49
γ 76.0	3.23	2.25	2.41	3.27
γ 77.0	3.06	2.10	2.26	3.09
γ 78.0	2.89	1.96	2.11	2.92
γ 79.0	2.72	1.83	1.97	2.75
γ 80.0	2.57	1.70	1.85	2.60
γ 81.0	2.43	1.59	1.73	2.46
γ 82.0	2.32	1.49	1.64	2.35
γ 83.0	2.20	1.40	1.56	2.24
γ 84.0	2.09	1.31	1.46	2.13
γ 85.0	1.99	1.25	1.38	2.02
γ 86.0	1.91	1.16	1.30	1.93
γ 87.0	1.80	1.10	1.23	1.84
γ 88.0	1.72	1.03	1.15	1.75
γ 89.0	1.64	0.97	1.08	1.66
γ 90.0	1.56	0.90	1.02	1.59
γ 91.0	1.49	0.85	0.96	1.52
γ 92.0	1.42	0.80	0.91	1.44
γ 93.0	1.35	0.75	0.86	1.38

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	1.28	0.69	0.81	1.31
γ 95.0	1.21	0.64	0.76	1.25
γ 96.0	1.16	0.60	0.72	1.20
γ 97.0	1.10	0.56	0.68	1.14
γ 98.0	1.06	0.52	0.65	1.09
γ 99.0	1.00	0.48	0.60	1.04
γ 100.0	0.96	0.45	0.58	1.00
γ 101.0	0.91	0.41	0.56	0.96
γ 102.0	0.87	0.38	0.52	0.92
γ 103.0	0.83	0.36	0.50	0.89
γ 104.0	0.79	0.34	0.48	0.85
γ 105.0	0.76	0.31	0.47	0.84
γ 106.0	0.73	0.30	0.45	0.80
γ 107.0	0.71	0.29	0.44	0.79
γ 108.0	0.70	0.27	0.44	0.77
γ 109.0	0.67	0.27	0.43	0.75
γ 110.0	0.66	0.26	0.43	0.74
γ 111.0	0.65	0.26	0.44	0.74
γ 112.0	0.64	0.26	0.44	0.74
γ 113.0	0.64	0.28	0.46	0.74
γ 114.0	0.65	0.29	0.48	0.74
γ 115.0	0.65	0.30	0.51	0.76
γ 116.0	0.66	0.32	0.52	0.78
γ 117.0	0.68	0.35	0.56	0.79
γ 118.0	0.71	0.37	0.59	0.83
γ 119.0	0.72	0.42	0.63	0.85
γ 120.0	0.75	0.44	0.66	0.88
γ 121.0	0.78	0.48	0.71	0.92
γ 122.0	0.82	0.52	0.75	0.95
γ 123.0	0.85	0.57	0.81	0.99
γ 124.0	0.90	0.62	0.86	1.04
γ 125.0	0.94	0.67	0.92	1.08
γ 126.0	0.99	0.73	0.98	1.14
γ 127.0	1.03	0.80	1.05	1.18
γ 128.0	1.09	0.85	1.11	1.25
γ 129.0	1.14	0.91	1.18	1.30
γ 130.0	1.21	0.97	1.24	1.38
γ 131.0	1.27	1.05	1.32	1.43
γ 132.0	1.34	1.11	1.40	1.52
γ 133.0	1.40	1.19	1.48	1.57
γ 134.0	1.47	1.26	1.56	1.65
γ 135.0	1.54	1.34	1.63	1.72
γ 136.0	1.61	1.41	1.72	1.80
γ 137.0	1.68	1.50	1.80	1.86
γ 138.0	1.76	1.56	1.87	1.94
γ 139.0	1.84	1.65	1.96	2.02
γ 140.0	1.92	1.73	2.04	2.09

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	1.99	1.82	2.13	2.16
γ 142.0	2.07	1.89	2.20	2.25
γ 143.0	2.13	1.98	2.30	2.33
γ 144.0	2.23	2.06	2.36	2.40
γ 145.0	2.29	2.15	2.45	2.48
γ 146.0	2.39	2.22	2.53	2.56
γ 147.0	2.46	2.30	2.61	2.63
γ 148.0	2.54	2.36	2.68	2.70
γ 149.0	2.60	2.46	2.76	2.77
γ 150.0	2.68	2.52	2.83	2.84
γ 151.0	2.75	2.60	2.90	2.90
γ 152.0	2.81	2.67	2.96	2.97
γ 153.0	2.87	2.74	3.04	3.02
γ 154.0	2.95	2.80	3.09	3.08
γ 155.0	3.00	2.88	3.15	3.14
γ 156.0	3.06	2.92	3.20	3.20
γ 157.0	3.13	3.00	3.29	3.25
γ 158.0	3.20	3.06	3.33	3.31
γ 159.0	3.25	3.14	3.39	3.36
γ 160.0	3.32	3.19	3.43	3.42
γ 161.0	3.37	3.25	3.50	3.46
γ 162.0	3.44	3.31	3.55	3.53
γ 163.0	3.49	3.37	3.61	3.57
γ 164.0	3.55	3.42	3.66	3.62
γ 165.0	3.61	3.49	3.70	3.66
γ 166.0	3.65	3.54	3.75	3.71
γ 167.0	3.71	3.60	3.81	3.76
γ 168.0	3.76	3.65	3.84	3.79
γ 169.0	3.81	3.71	3.89	3.84
γ 170.0	3.86	3.74	3.93	3.89
γ 171.0	3.90	3.80	3.98	3.92
γ 172.0	3.94	3.82	4.00	3.95
γ 173.0	3.99	3.87	4.05	3.99
γ 174.0	4.02	3.90	4.06	4.00
γ 175.0	4.04	3.94	4.09	4.03
γ 176.0	4.07	3.97	4.12	4.05
γ 177.0	4.09	3.99	4.14	4.06
γ 178.0	4.11	4.01	4.14	4.07
γ 179.0	4.12	4.03	4.16	4.08
γ 180.0	4.12	4.12	4.12	4.12