

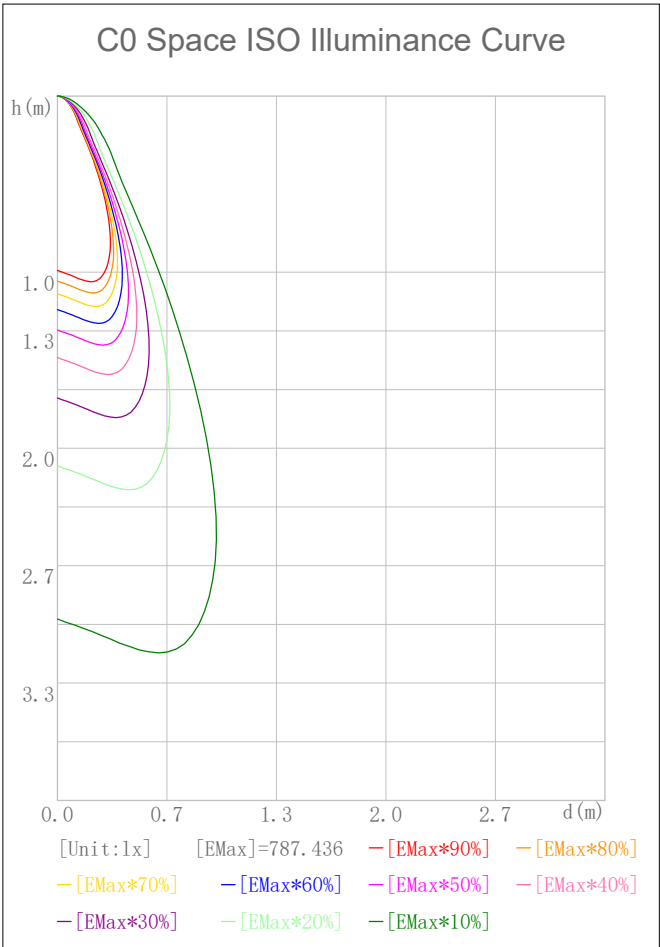
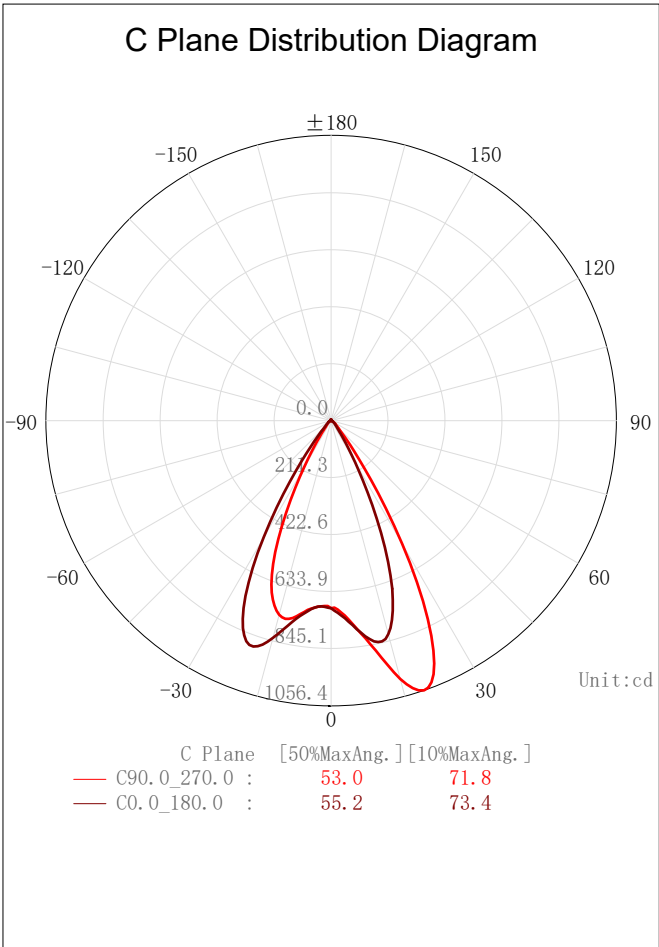
Indoor Luminaire Photometric Data

Description Information

Luminary Name: TR08-09-XX-02 2700K RA90 60D		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog: LED	Test Date: 2021/10/22
Manufacture: Shenzhen Norming Lighting Co., Ltd		Shld. Ang(°):	Test Machine:GON-2000
Test Lab: Quality Department		Frequency (Hz):	Lamp CCT (K): Ra:
Lum. Size (W*L*H):0.038m*0.038m*0.000m		Lum. Area (m2):0.001	Lum. W (kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp. (°C): 25	Humidity(%): 50.0

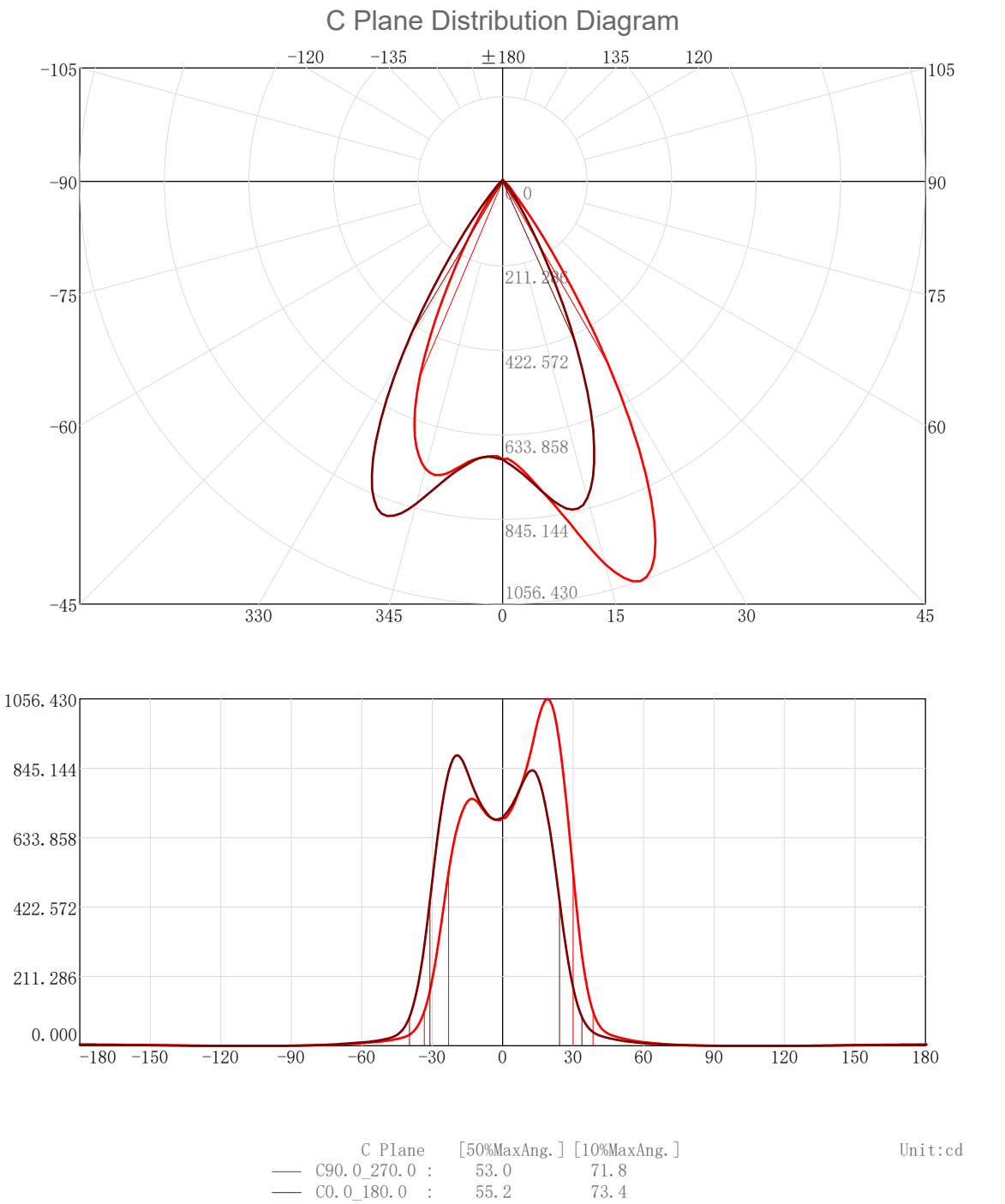
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 732.040	Luminary Flux(lm): 732.040	Field Angle(10%Imax): 71.8(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 728.009lm 99.45%	
Rated Voltage(V):	Luminary EER(lm/W): 82.502	Up Lumens&Percent: 4.031lm 0.55%	
Tested Power(W): 8.873	Max. Candela(cd): 1056.430	S/MH: C0_a180=1.012 C90_270=1.029	
Lamps' Inside: 1	Max Cand@Ang. (°): C=90.0 γ=19.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):240.9, 0.040, 0.900	Beam Angle(50%Imax): 53.0(°)	ErP Φ use(90°): 750.240lm	
Lamp Size (W*L*H):0.038m*0.038m*0.000m	Left=-23.0°, Right=30.0°	IRF(%): 294.849	



2D Plane Light Intensity Distribution Curve

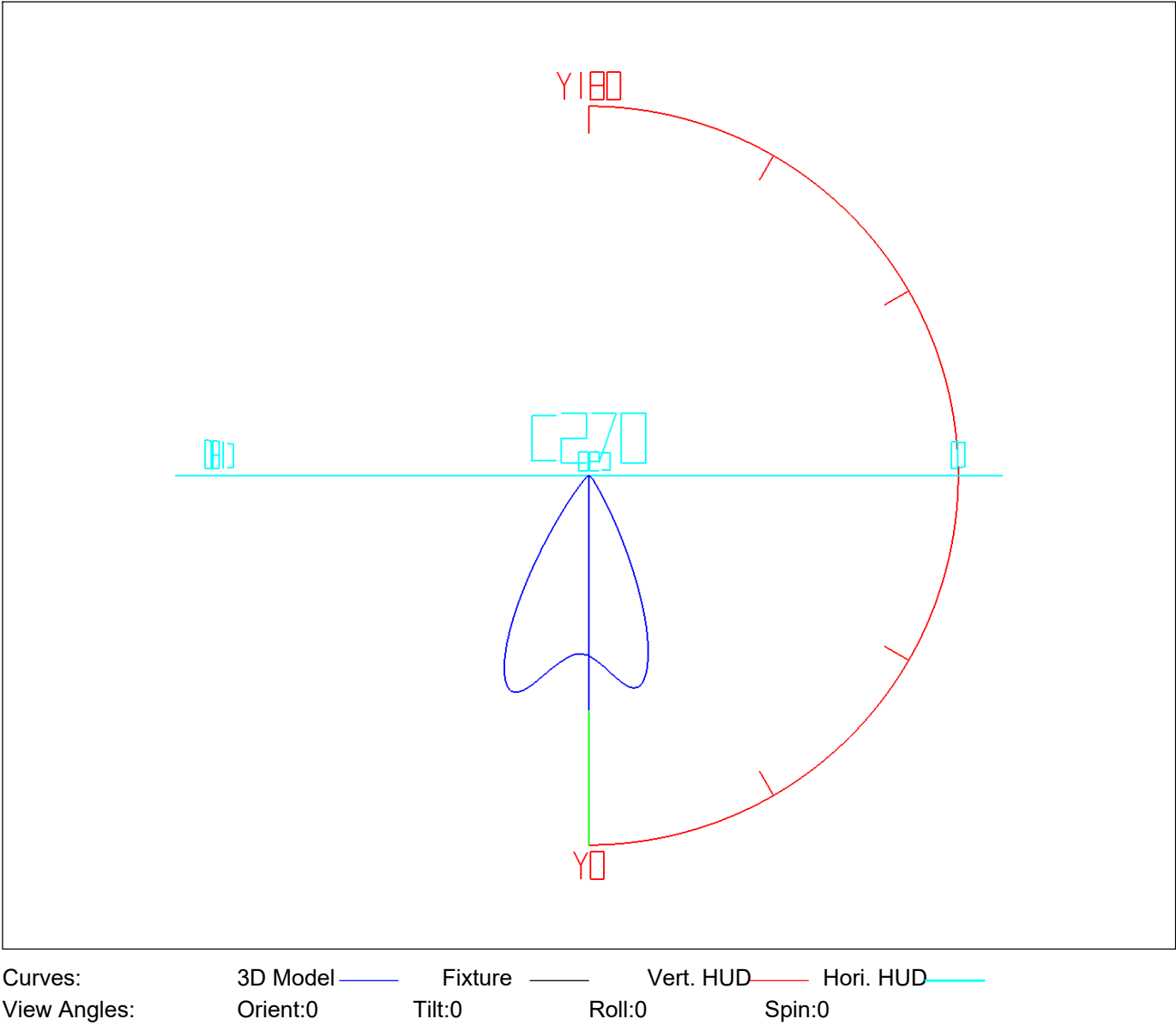
Lum. Name:TR08-09-XX-02 2700K RA90 60D	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2021/10/22



3D Light Intensity Distribution Modal

Lum. Name:TR08-09-XX-02 2700K RA90 60D	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2021/10/22

3D Light Intensity Distribution Modal



IES Indoor Report

Photometric Filename:TR08-09-XX-02 2700K RA90 60D.IES

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	0.66	0.66	0.09	0.09	47.0-48.0	1.87	701.72	0.25	95.86
1.0-2.0	2.00	2.66	0.27	0.36	48.0-49.0	1.76	703.47	0.24	96.10
2.0-3.0	3.35	6.01	0.46	0.82	49.0-50.0	1.65	705.13	0.23	96.32
3.0-4.0	4.73	10.74	0.65	1.47	50.0-51.0	1.55	706.68	0.21	96.54
4.0-5.0	6.15	16.88	0.84	2.31	51.0-52.0	1.46	708.14	0.20	96.74
5.0-6.0	7.61	24.49	1.04	3.35	52.0-53.0	1.38	709.53	0.19	96.92
6.0-7.0	9.14	33.63	1.25	4.59	53.0-54.0	1.31	710.84	0.18	97.10
7.0-8.0	10.73	44.36	1.47	6.06	54.0-55.0	1.24	712.08	0.17	97.27
8.0-9.0	12.37	56.73	1.69	7.75	55.0-56.0	1.18	713.26	0.16	97.43
9.0-10.0	14.08	70.81	1.92	9.67	56.0-57.0	1.11	714.37	0.15	97.59
10.0-11.0	15.86	86.67	2.17	11.84	57.0-58.0	1.04	715.41	0.14	97.73
11.0-12.0	17.67	104.34	2.41	14.25	58.0-59.0	0.98	716.39	0.13	97.86
12.0-13.0	19.51	123.85	2.67	16.92	59.0-60.0	0.93	717.32	0.13	97.99
13.0-14.0	21.35	145.20	2.92	19.84	60.0-61.0	0.88	718.21	0.12	98.11
14.0-15.0	23.14	168.35	3.16	23.00	61.0-62.0	0.83	719.04	0.11	98.22
15.0-16.0	24.85	193.19	3.39	26.39	62.0-63.0	0.78	719.82	0.11	98.33
16.0-17.0	26.43	219.62	3.61	30.00	63.0-64.0	0.73	720.56	0.10	98.43
17.0-18.0	27.85	247.46	3.80	33.80	64.0-65.0	0.68	721.24	0.09	98.52
18.0-19.0	29.06	276.53	3.97	37.77	65.0-66.0	0.63	721.87	0.09	98.61
19.0-20.0	30.01	306.54	4.10	41.87	66.0-67.0	0.59	722.46	0.08	98.69
20.0-21.0	30.63	337.16	4.18	46.06	67.0-68.0	0.55	723.01	0.07	98.77
21.0-22.0	30.87	368.03	4.22	50.27	68.0-69.0	0.51	723.51	0.07	98.83
22.0-23.0	30.72	398.75	4.20	54.47	69.0-70.0	0.47	723.98	0.06	98.90
23.0-24.0	30.17	428.92	4.12	58.59	70.0-71.0	0.43	724.40	0.06	98.96
24.0-25.0	29.25	458.17	4.00	62.59	71.0-72.0	0.39	724.80	0.05	99.01
25.0-26.0	27.98	486.16	3.82	66.41	72.0-73.0	0.37	725.16	0.05	99.06
26.0-27.0	26.39	512.55	3.61	70.02	73.0-74.0	0.34	725.50	0.05	99.11
27.0-28.0	24.54	537.09	3.35	73.37	74.0-75.0	0.31	725.81	0.04	99.15
28.0-29.0	22.52	559.61	3.08	76.45	75.0-76.0	0.28	726.09	0.04	99.19
29.0-30.0	20.38	580.00	2.78	79.23	76.0-77.0	0.26	726.35	0.04	99.22
30.0-31.0	18.18	598.17	2.48	81.71	77.0-78.0	0.24	726.59	0.03	99.26
31.0-32.0	15.98	614.15	2.18	83.90	78.0-79.0	0.22	726.80	0.03	99.28
32.0-33.0	13.86	628.01	1.89	85.79	79.0-80.0	0.19	727.00	0.03	99.31
33.0-34.0	11.87	639.87	1.62	87.41	80.0-81.0	0.18	727.17	0.02	99.34
34.0-35.0	10.06	649.94	1.37	88.78	81.0-82.0	0.16	727.33	0.02	99.36
35.0-36.0	8.50	658.43	1.16	89.94	82.0-83.0	0.14	727.47	0.02	99.38
36.0-37.0	7.16	665.60	0.98	90.92	83.0-84.0	0.12	727.59	0.02	99.39
37.0-38.0	6.05	671.64	0.83	91.75	84.0-85.0	0.10	727.69	0.01	99.41
38.0-39.0	5.10	676.74	0.70	92.45	85.0-86.0	0.09	727.78	0.01	99.42
39.0-40.0	4.33	681.07	0.59	93.04	86.0-87.0	0.07	727.86	0.01	99.43
40.0-41.0	3.71	684.78	0.51	93.54	87.0-88.0	0.06	727.92	0.01	99.44
41.0-42.0	3.23	688.01	0.44	93.98	88.0-89.0	0.05	727.97	0.01	99.44
42.0-43.0	2.84	690.85	0.39	94.37	89.0-90.0	0.04	728.01	0.01	99.45
43.0-44.0	2.55	693.40	0.35	94.72	90.0-91.0	0.03	728.04	0.00	99.45
44.0-45.0	2.32	695.72	0.32	95.04	91.0-92.0	0.02	728.06	0.00	99.46
45.0-46.0	2.14	697.86	0.29	95.33	92.0-93.0	0.01	728.07	0.00	99.46
46.0-47.0	1.99	699.85	0.27	95.60	93.0-94.0	0.01	728.08	0.00	99.46

IES Indoor Report

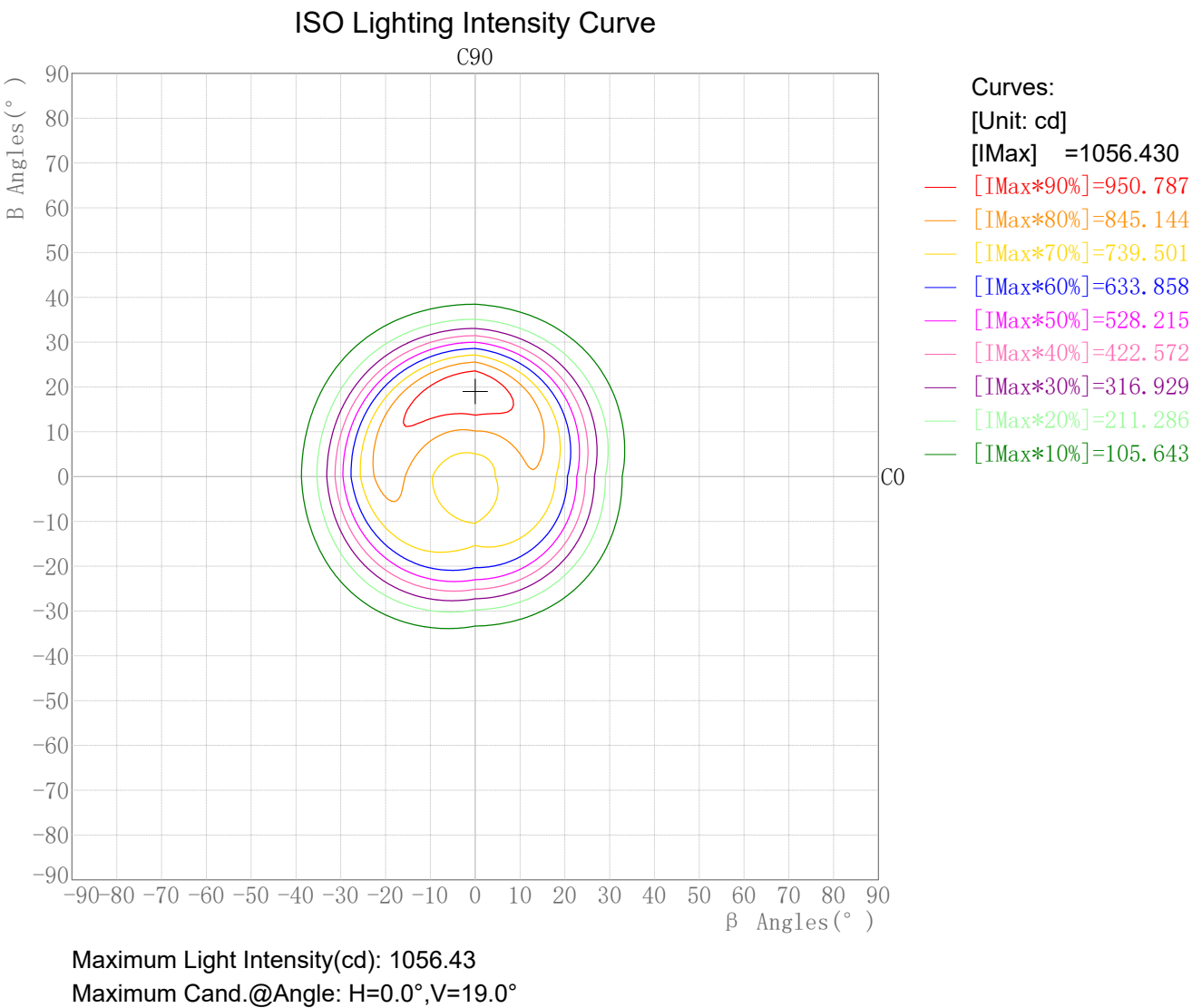
Photometric Filename:TR08-09-XX-02 2700K RA90 60D.IES

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	0.00	728.08	0.00	99.46	141.0-142.0	0.09	728.84	0.01	99.56
95.0-96.0	0.00	728.08	0.00	99.46	142.0-143.0	0.09	728.94	0.01	99.58
96.0-97.0	0.00	728.08	0.00	99.46	143.0-144.0	0.09	729.03	0.01	99.59
97.0-98.0	0.00	728.08	0.00	99.46	144.0-145.0	0.10	729.13	0.01	99.60
98.0-99.0	0.00	728.08	0.00	99.46	145.0-146.0	0.10	729.23	0.01	99.62
99.0-100.0	0.00	728.08	0.00	99.46	146.0-147.0	0.11	729.34	0.01	99.63
100.0-101.0	0.00	728.08	0.00	99.46	147.0-148.0	0.11	729.45	0.01	99.65
101.0-102.0	0.00	728.08	0.00	99.46	148.0-149.0	0.11	729.56	0.02	99.66
102.0-103.0	0.00	728.08	0.00	99.46	149.0-150.0	0.11	729.67	0.02	99.68
103.0-104.0	0.00	728.08	0.00	99.46	150.0-151.0	0.12	729.79	0.02	99.69
104.0-105.0	0.00	728.08	0.00	99.46	151.0-152.0	0.12	729.90	0.02	99.71
105.0-106.0	0.00	728.08	0.00	99.46	152.0-153.0	0.12	730.02	0.02	99.72
106.0-107.0	0.00	728.08	0.00	99.46	153.0-154.0	0.12	730.14	0.02	99.74
107.0-108.0	0.00	728.08	0.00	99.46	154.0-155.0	0.12	730.25	0.02	99.76
108.0-109.0	0.00	728.08	0.00	99.46	155.0-156.0	0.12	730.37	0.02	99.77
109.0-110.0	0.00	728.08	0.00	99.46	156.0-157.0	0.11	730.48	0.02	99.79
110.0-111.0	0.00	728.08	0.00	99.46	157.0-158.0	0.11	730.60	0.02	99.80
111.0-112.0	0.00	728.08	0.00	99.46	158.0-159.0	0.11	730.71	0.02	99.82
112.0-113.0	0.00	728.08	0.00	99.46	159.0-160.0	0.11	730.82	0.01	99.83
113.0-114.0	0.00	728.08	0.00	99.46	160.0-161.0	0.11	730.92	0.01	99.85
114.0-115.0	0.00	728.08	0.00	99.46	161.0-162.0	0.10	731.02	0.01	99.86
115.0-116.0	0.00	728.08	0.00	99.46	162.0-163.0	0.10	731.12	0.01	99.87
116.0-117.0	0.00	728.08	0.00	99.46	163.0-164.0	0.10	731.22	0.01	99.89
117.0-118.0	0.00	728.08	0.00	99.46	164.0-165.0	0.09	731.31	0.01	99.90
118.0-119.0	0.00	728.08	0.00	99.46	165.0-166.0	0.09	731.40	0.01	99.91
119.0-120.0	0.00	728.08	0.00	99.46	166.0-167.0	0.08	731.48	0.01	99.92
120.0-121.0	0.00	728.08	0.00	99.46	167.0-168.0	0.08	731.56	0.01	99.93
121.0-122.0	0.00	728.08	0.00	99.46	168.0-169.0	0.07	731.63	0.01	99.94
122.0-123.0	0.00	728.08	0.00	99.46	169.0-170.0	0.07	731.70	0.01	99.95
123.0-124.0	0.00	728.09	0.00	99.46	170.0-171.0	0.06	731.76	0.01	99.96
124.0-125.0	0.01	728.09	0.00	99.46	171.0-172.0	0.06	731.82	0.01	99.97
125.0-126.0	0.01	728.10	0.00	99.46	172.0-173.0	0.05	731.87	0.01	99.98
126.0-127.0	0.01	728.11	0.00	99.46	173.0-174.0	0.04	731.92	0.01	99.98
127.0-128.0	0.02	728.13	0.00	99.47	174.0-175.0	0.04	731.95	0.01	99.99
128.0-129.0	0.02	728.15	0.00	99.47	175.0-176.0	0.03	731.98	0.00	99.99
129.0-130.0	0.02	728.17	0.00	99.47	176.0-177.0	0.02	732.01	0.00	100.00
130.0-131.0	0.03	728.20	0.00	99.48	177.0-178.0	0.02	732.03	0.00	100.00
131.0-132.0	0.03	728.23	0.00	99.48	178.0-179.0	0.01	732.04	0.00	100.00
132.0-133.0	0.04	728.27	0.00	99.48	179.0-180.0	0.00	732.04	0.00	100.00
133.0-134.0	0.04	728.31	0.01	99.49					
134.0-135.0	0.05	728.36	0.01	99.50					
135.0-136.0	0.05	728.41	0.01	99.50					
136.0-137.0	0.06	728.47	0.01	99.51					
137.0-138.0	0.06	728.53	0.01	99.52					
138.0-139.0	0.07	728.60	0.01	99.53					
139.0-140.0	0.08	728.68	0.01	99.54					
140.0-141.0	0.08	728.76	0.01	99.55					

Rectangle ISO Lighting Intensity Diagram

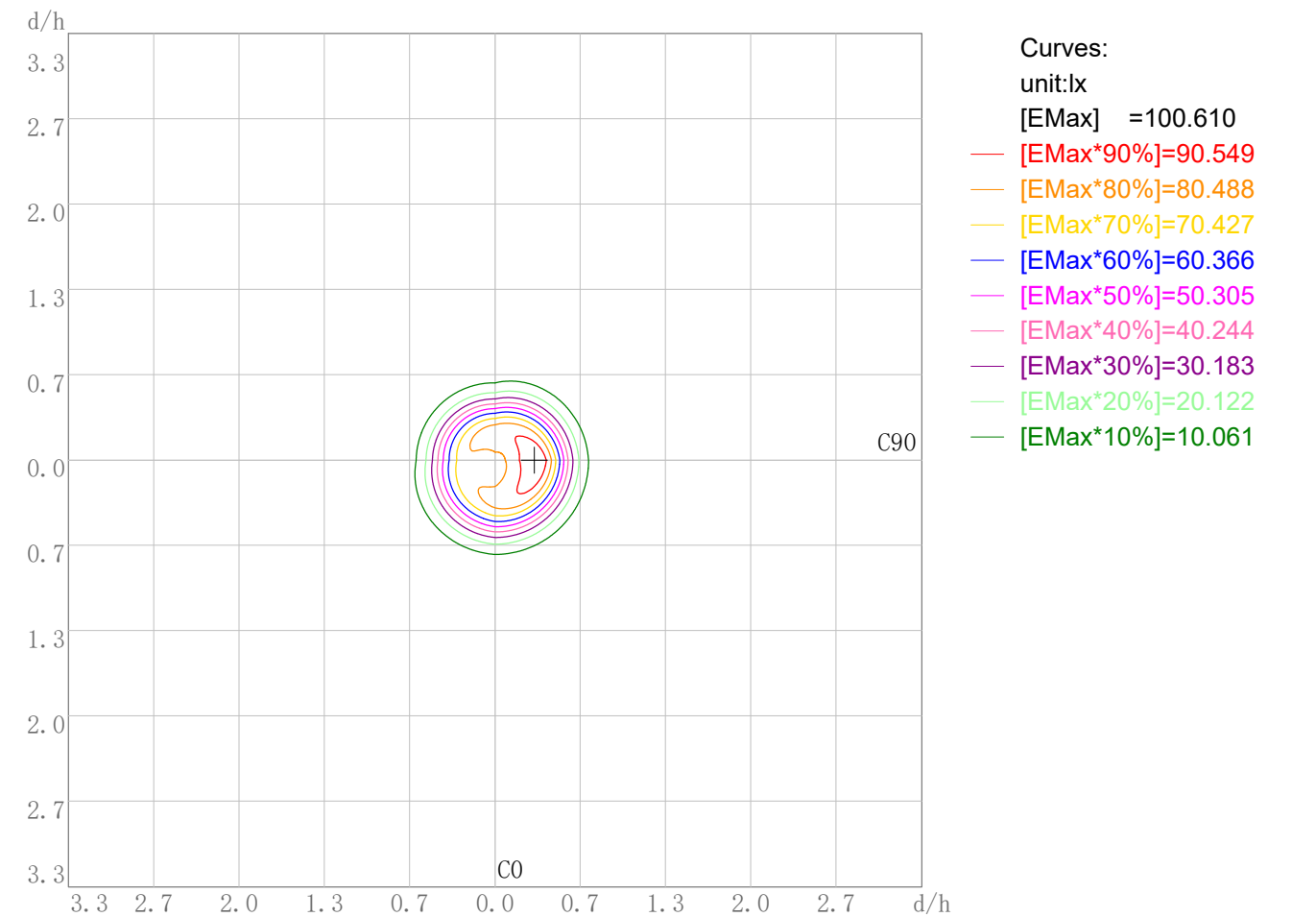
Lum. Name:TR08-09-XX-02 2700K RA90 60D	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2021/10/22



Plane ISO-Illuminance Diagram

Lum. Name:TR08-09-XX-02 2700K RA90 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: 2021/10/22

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

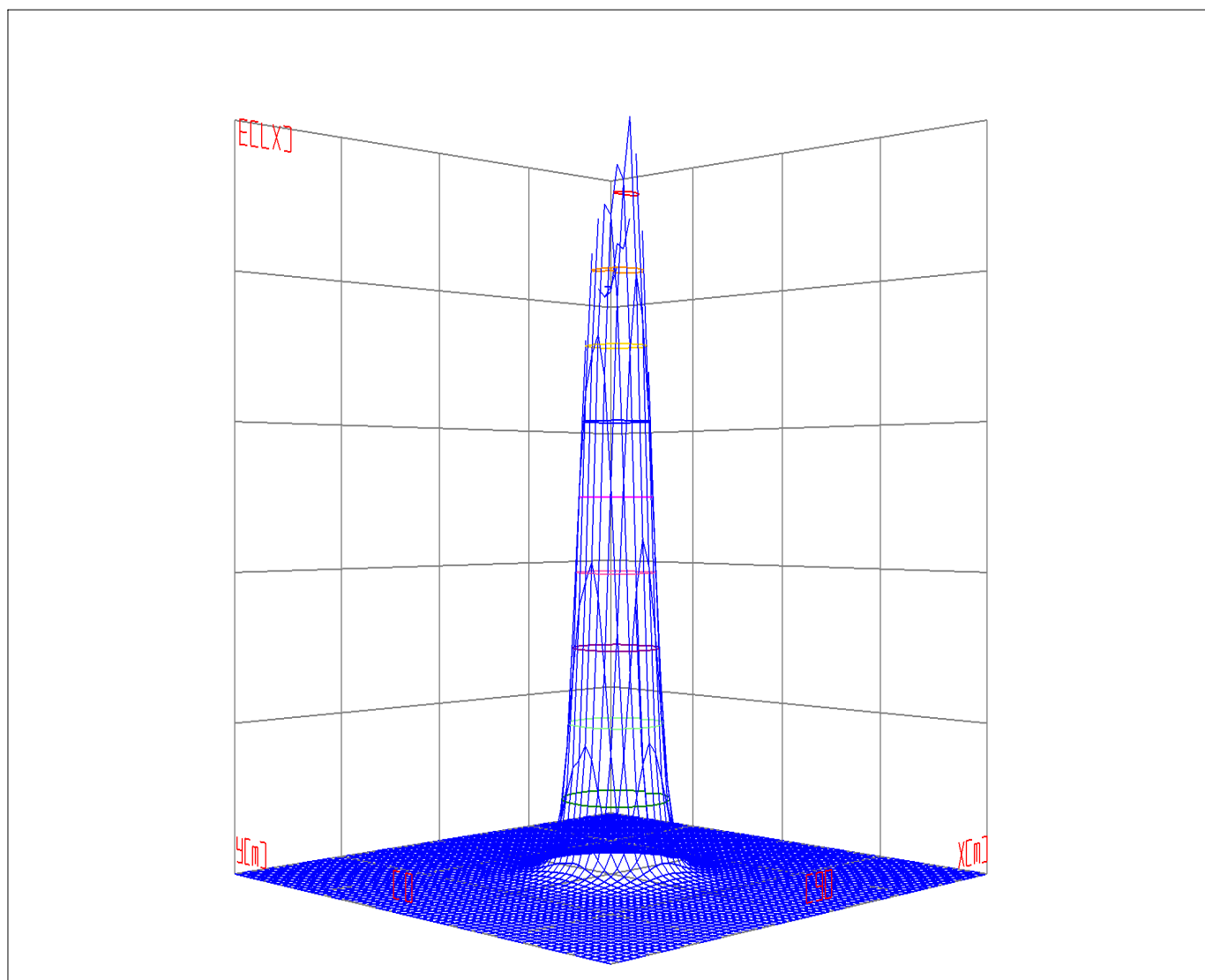
Working Plane Maximum Illuminance(lx): 100.61

Working Plane Maximum Illuminance Position(d/h):H0.3 V0.0

### 3D Plane ISO Illuminance Diagram

Lum. Name: TR08-09-XX-02 2700K RA90 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: 2021/10/22

### 3D Plane Illuminance Modal



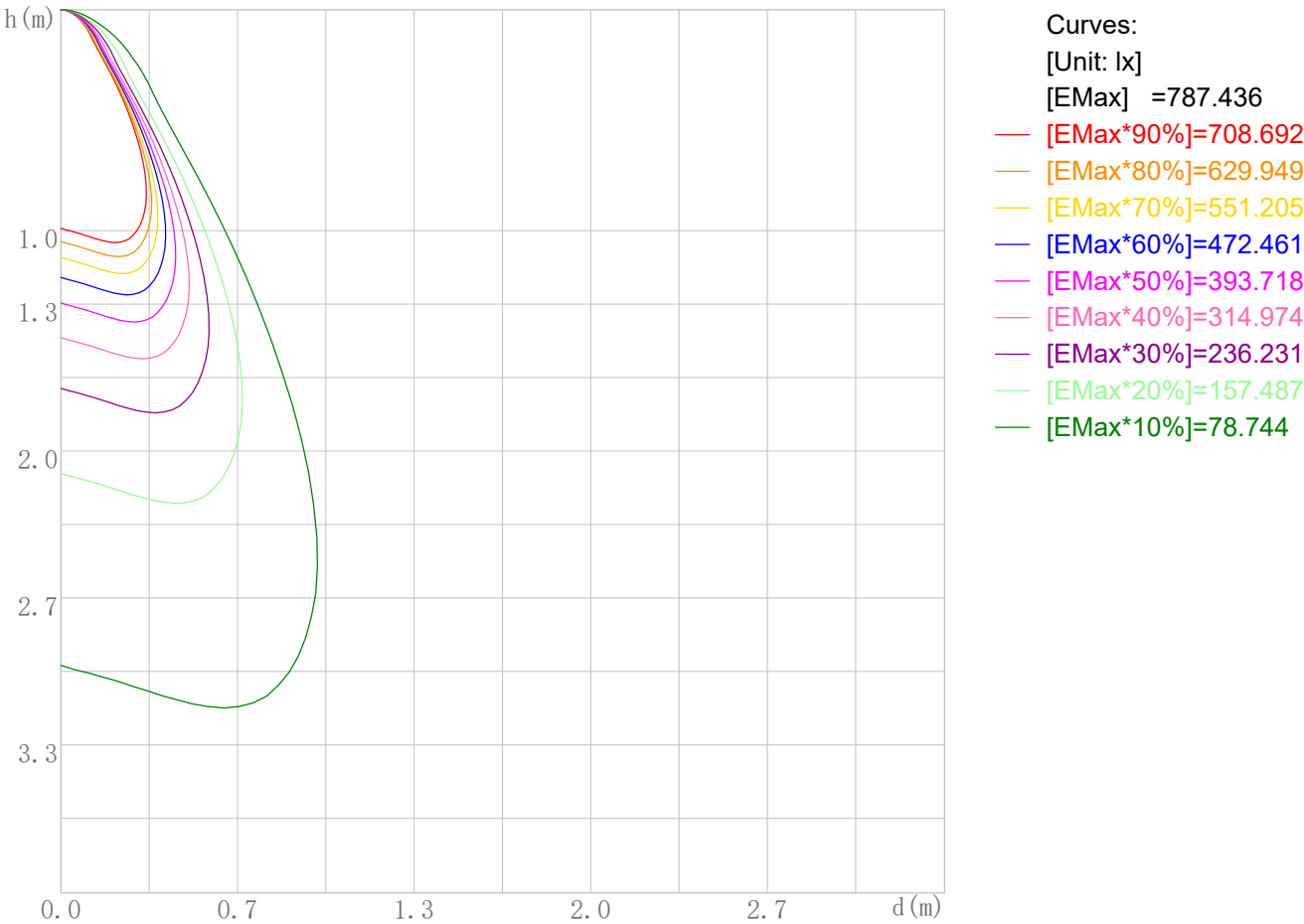
Curves: 3D Model 90% 80% 70% 60% 50% 40% 30% 20% 10%  
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0



Space ISO Illuminance Diagram

Lum. Name:TR08-09-XX-02 2700K RA90 60D	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2021/10/22

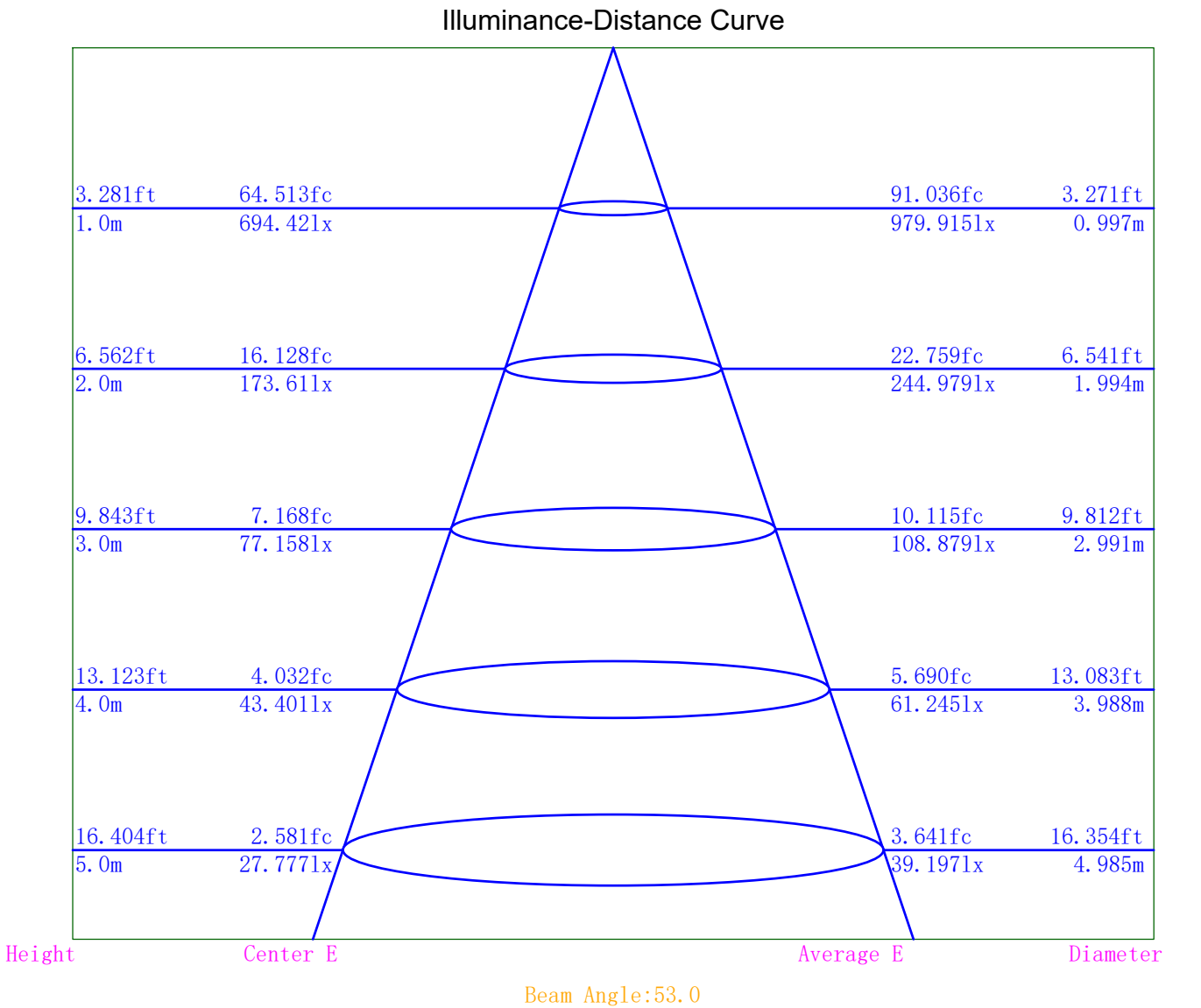
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:787.44lx,11.0deg  
Plane Maximum Lighting Intensity and @Angle:838.833cd,0deg

Illuminance-Distance Diagram

Lum. Name:TR08-09-XX-02 2700K RA90 60D	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2021/10/22



Indoor Luminance Limiting Curves

Lum. Name: TR08-09-XX-02 2700K RA90 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: 2021/10/22

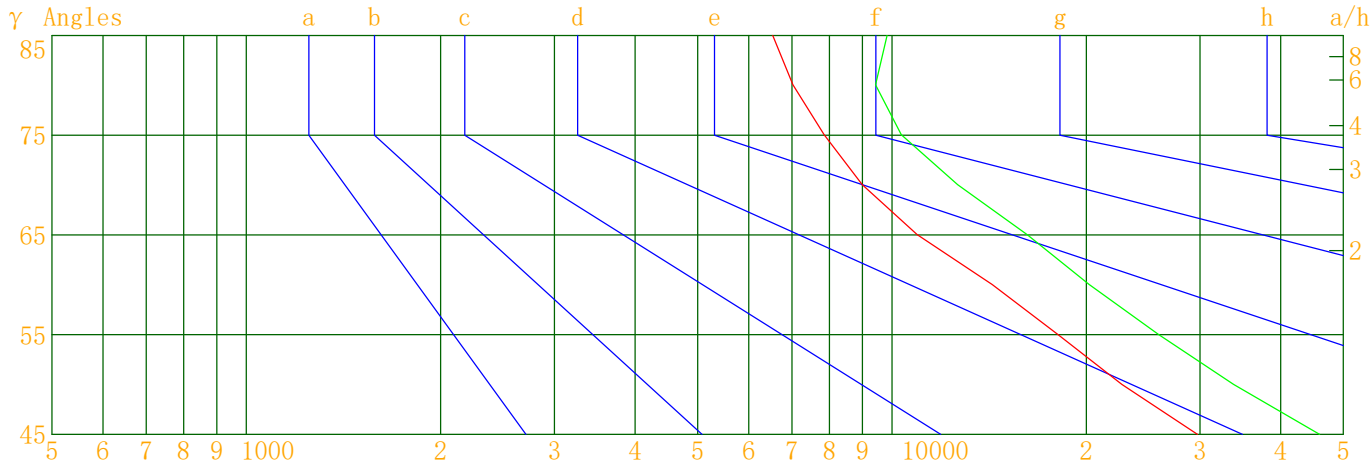
Glare Grade Table

GI	Quality	Using Illuminance							
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	29720	22701	18071	14300	10941	8992	7853	7023	6536
C90	45947	33810	25875	20204	16190	12638	10340	9429	9823

Luminance Limiting Curve



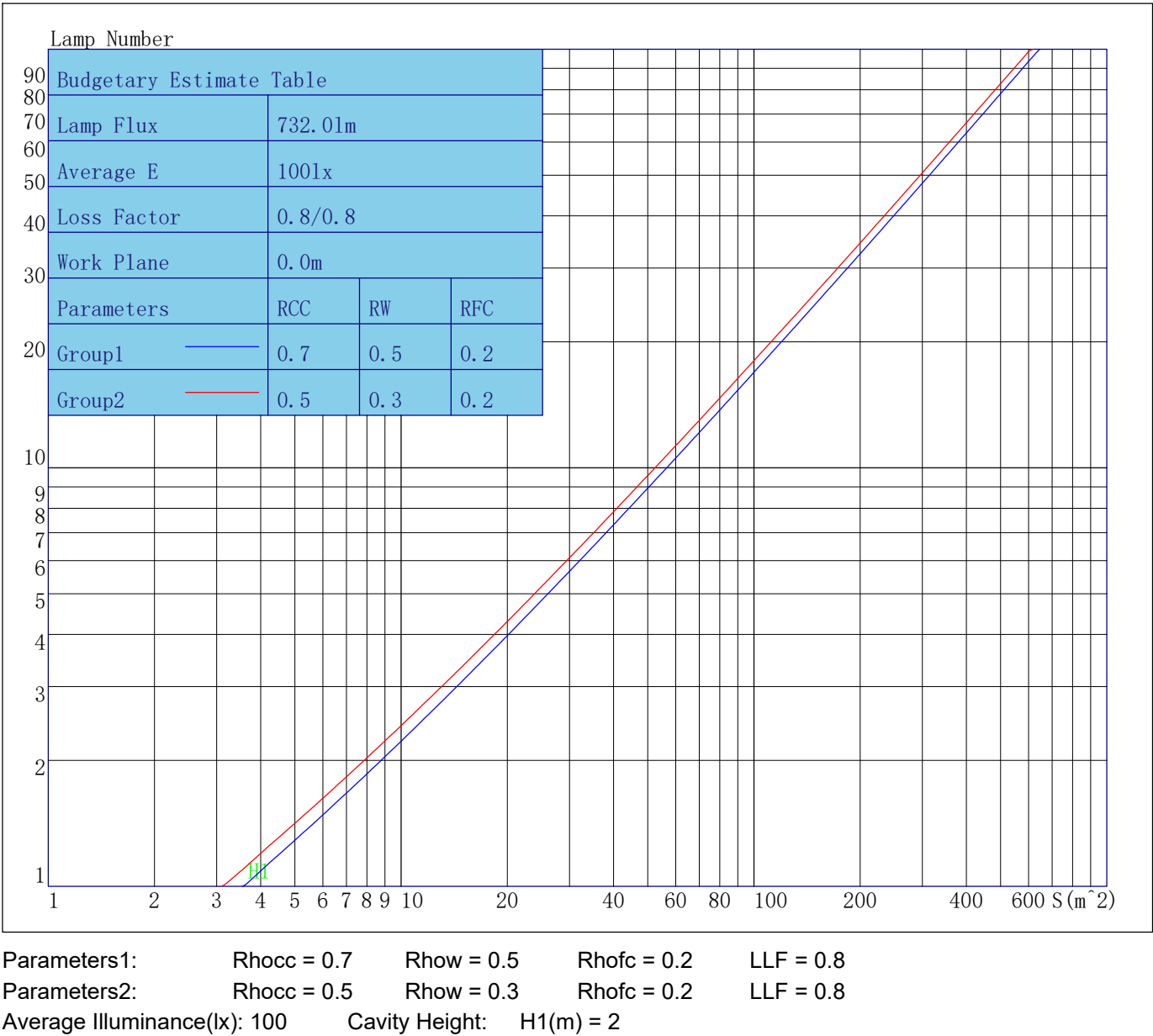
Luminous Size: Length(m)=-0.038 Width(m)=-0.038 Height(m)=0.000 Area(m^2)=0.001134

Luminous Type: Without Luminous Side

Luminous Curves: C0-C180 Color: C90-C270 Color:

Indoor Budgetary Estimate Table

Lum. Name:TR08-09-XX-02 2700K RA90 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: 2021/10/22



Indoor Coefficient of Utilization Table

Lum. Name:TR08-09-XX-02 2700K RA90 60D	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality Department
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2021/10/22

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	99
1	113	111	108	106	111	108	106	104	104	103	101	100	99	98	97	96	95	93
2	108	103	99	96	106	101	98	95	98	95	92	95	93	90	92	90	88	87
3	103	96	91	88	101	95	90	87	92	88	85	90	87	84	87	85	83	81
4	98	90	85	81	96	89	84	80	87	83	79	85	81	78	83	80	77	76
5	93	85	79	75	91	84	79	75	82	77	74	80	76	73	79	75	72	71
6	89	80	74	70	87	79	74	70	77	73	69	76	72	69	75	71	68	67
7	84	75	69	65	83	75	69	65	73	68	65	72	68	64	71	67	64	63
8	80	71	65	61	79	71	65	61	69	65	61	68	64	61	67	63	60	59
9	77	67	62	58	76	67	61	58	66	61	57	65	60	57	64	60	57	56
10	73	64	58	55	72	63	58	54	63	58	54	62	57	54	61	57	54	53

Unified Glare Rating Table

Lum. Name: TR08-09-XX-02 2700K RA90 60D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2021/10/22

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	18.3	19.1	18.7	19.4	19.8	23.1	23.9	23.5	24.2	24.6
	18.4	19.1	18.8	19.5	19.8	23.1	23.7	23.5	24.1	24.5
	18.5	19.1	18.9	19.4	19.9	23.0	23.6	23.4	24.0	24.4
	18.5	19.0	18.9	19.4	19.8	23.0	23.5	23.4	23.9	24.3
	18.4	19.0	18.9	19.4	19.8	22.9	23.4	23.4	23.8	24.3
	18.4	18.9	18.9	19.3	19.7	22.9	23.4	23.3	23.8	24.2
X=4H    Y=2H	18.3	18.9	18.7	19.3	19.7	22.9	23.5	23.3	23.9	24.3
	18.5	19.0	18.9	19.4	19.8	22.9	23.4	23.3	23.8	24.2
	18.6	19.0	19.0	19.4	19.9	22.9	23.3	23.3	23.7	24.2
	18.6	19.0	19.1	19.4	19.9	22.8	23.2	23.3	23.6	24.1
	18.6	18.9	19.1	19.4	19.9	22.8	23.1	23.3	23.6	24.0
	18.6	18.9	19.1	19.4	19.9	22.8	23.0	23.3	23.5	24.0
X=8H    Y=4H	18.5	18.8	19.0	19.3	19.8	22.7	23.0	23.2	23.5	24.0
	18.7	18.8	19.2	19.4	19.8	22.7	22.9	23.3	23.4	23.9
	18.7	18.8	19.3	19.4	19.9	22.7	22.9	23.3	23.4	23.9
	18.7	18.8	19.3	19.3	20.0	22.7	22.8	23.3	23.3	23.9
X=12H    Y=4H	18.5	18.7	19.0	19.2	19.7	22.7	22.9	23.2	23.4	23.9
	18.6	18.8	19.2	19.2	19.8	22.7	22.8	23.2	23.3	23.9
	18.7	18.8	19.2	19.3	19.9	22.7	22.8	23.2	23.3	23.9
Variations with the objerver position at spacings										
S=1.0H	0.4/−0.5					0.5/−0.5				
S=1.5H	0.9/−1.0					0.9/−0.9				
S=2.0H	1.5/−1.5					1.6/−1.5				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	0.8					0.4				

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

IES Indoor Report

Photometric Filename:TR08-09-XX-02 2700K RA90 60D.IES

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Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	694.42	694.42	694.42	694.42
γ 1.0	703.63	692.70	692.25	686.79
γ 2.0	712.02	700.04	689.58	686.84
γ 3.0	722.44	710.86	688.77	688.26
γ 4.0	733.50	723.42	690.71	690.75
γ 5.0	747.22	738.69	694.89	694.77
γ 6.0	761.17	756.59	701.79	699.53
γ 7.0	777.46	775.16	711.10	706.00
γ 8.0	792.23	795.33	721.13	715.89
γ 9.0	808.15	816.31	732.18	725.24
γ 10.0	821.03	841.18	745.43	735.60
γ 11.0	832.48	866.82	760.19	744.35
γ 12.0	838.20	896.92	777.41	750.07
γ 13.0	838.83	927.57	795.10	752.88
γ 14.0	833.21	960.29	814.04	750.15
γ 15.0	818.34	990.18	833.34	743.55
γ 16.0	798.36	1015.29	851.55	732.15
γ 17.0	771.87	1035.37	867.15	716.15
γ 18.0	739.57	1050.10	878.02	697.10
γ 19.0	702.36	1056.43	884.34	673.53
γ 20.0	662.12	1051.75	883.65	644.67
γ 21.0	614.68	1037.35	874.85	610.84
γ 22.0	564.56	1012.78	857.50	571.65
γ 23.0	509.83	976.58	834.52	528.44
γ 24.0	455.29	931.95	803.29	480.09
γ 25.0	400.55	878.89	766.02	429.79
γ 26.0	347.47	817.58	722.31	379.54
γ 27.0	296.74	750.06	671.91	329.24
γ 28.0	252.30	677.52	617.47	281.89
γ 29.0	212.59	603.14	559.88	238.99
γ 30.0	178.10	527.02	498.74	201.31
γ 31.0	147.98	454.32	439.09	166.35
γ 32.0	122.29	384.39	379.31	137.05
γ 33.0	101.39	320.50	323.54	112.74
γ 34.0	84.13	263.51	270.40	92.34
γ 35.0	70.26	215.56	224.51	75.28
γ 36.0	59.54	175.33	185.10	61.75
γ 37.0	51.11	142.16	152.40	51.36
γ 38.0	44.58	115.51	124.08	43.24
γ 39.0	39.37	93.75	100.41	36.96
γ 40.0	35.31	76.94	81.11	32.24
γ 41.0	32.16	64.00	66.30	28.83
γ 42.0	29.61	53.85	54.18	26.25
γ 43.0	27.41	46.37	45.11	24.02
γ 44.0	25.49	41.05	38.34	22.27
γ 45.0	23.83	36.85	33.12	20.77
γ 46.0	22.21	33.56	29.13	19.43

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	20.67	30.85	26.19	18.16
γ 48.0	19.22	28.65	23.99	16.92
γ 49.0	17.85	26.56	22.08	15.84
γ 50.0	16.55	24.65	20.25	14.83
γ 51.0	15.26	22.83	18.69	13.83
γ 52.0	14.28	21.15	17.36	12.99
γ 53.0	13.40	19.64	16.18	12.32
γ 54.0	12.55	18.22	15.15	11.70
γ 55.0	11.76	16.83	14.17	11.13
γ 56.0	10.99	15.45	13.22	10.54
γ 57.0	10.22	14.09	12.26	9.97
γ 58.0	9.46	13.13	11.50	9.37
γ 59.0	8.74	12.27	10.97	8.80
γ 60.0	8.11	11.46	10.43	8.23
γ 61.0	7.50	10.68	9.93	7.68
γ 62.0	6.93	9.96	9.42	7.14
γ 63.0	6.32	9.19	8.93	6.57
γ 64.0	5.74	8.45	8.36	6.05
γ 65.0	5.24	7.76	7.82	5.49
γ 66.0	4.87	7.14	7.26	5.10
γ 67.0	4.45	6.58	6.77	4.74
γ 68.0	4.07	6.03	6.26	4.36
γ 69.0	3.76	5.44	5.74	4.01
γ 70.0	3.49	4.90	5.20	3.73
γ 71.0	3.22	4.41	4.68	3.46
γ 72.0	2.99	4.05	4.30	3.20
γ 73.0	2.75	3.70	3.98	2.96
γ 74.0	2.52	3.35	3.63	2.73
γ 75.0	2.31	3.04	3.31	2.49
γ 76.0	2.09	2.77	3.03	2.28
γ 77.0	1.91	2.52	2.78	2.08
γ 78.0	1.73	2.29	2.54	1.88
γ 79.0	1.55	2.07	2.31	1.69
γ 80.0	1.38	1.86	2.09	1.51
γ 81.0	1.23	1.66	1.87	1.36
γ 82.0	1.07	1.47	1.68	1.19
γ 83.0	0.93	1.30	1.49	1.03
γ 84.0	0.78	1.13	1.32	0.90
γ 85.0	0.65	0.97	1.14	0.75
γ 86.0	0.56	0.80	0.98	0.63
γ 87.0	0.48	0.66	0.82	0.55
γ 88.0	0.41	0.49	0.67	0.47
γ 89.0	0.35	0.37	0.52	0.41
γ 90.0	0.28	0.19	0.38	0.34
γ 91.0	0.21	0.12	0.26	0.28
γ 92.0	0.15	0.05	0.14	0.22
γ 93.0	0.10	0.00	0.07	0.17

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# IES Indoor Report

Photometric Filename:TR08-09-XX-02 2700K RA90 60D.IES

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## Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	0.04	0.00	0.01	0.11
γ 95.0	0.00	0.00	0.00	0.05
γ 96.0	0.00	0.00	0.00	0.01
γ 97.0	0.00	0.00	0.00	0.00
γ 98.0	0.00	0.00	0.00	0.00
γ 99.0	0.00	0.00	0.00	0.00
γ 100.0	0.00	0.00	0.00	0.00
γ 101.0	0.00	0.00	0.00	0.00
γ 102.0	0.00	0.00	0.00	0.00
γ 103.0	0.00	0.00	0.00	0.00
γ 104.0	0.00	0.00	0.00	0.00
γ 105.0	0.00	0.00	0.00	0.00
γ 106.0	0.00	0.00	0.00	0.00
γ 107.0	0.00	0.00	0.00	0.00
γ 108.0	0.00	0.00	0.00	0.00
γ 109.0	0.00	0.00	0.00	0.00
γ 110.0	0.00	0.00	0.00	0.00
γ 111.0	0.00	0.00	0.00	0.00
γ 112.0	0.00	0.00	0.00	0.00
γ 113.0	0.00	0.00	0.00	0.00
γ 114.0	0.00	0.00	0.00	0.00
γ 115.0	0.00	0.00	0.00	0.00
γ 116.0	0.00	0.00	0.00	0.00
γ 117.0	0.00	0.00	0.00	0.00
γ 118.0	0.00	0.00	0.00	0.00
γ 119.0	0.00	0.00	0.00	0.00
γ 120.0	0.00	0.00	0.00	0.00
γ 121.0	0.00	0.00	0.00	0.00
γ 122.0	0.00	0.00	0.00	0.03
γ 123.0	0.00	0.00	0.00	0.11
γ 124.0	0.00	0.00	0.00	0.19
γ 125.0	0.05	0.00	0.00	0.28
γ 126.0	0.13	0.00	0.00	0.35
γ 127.0	0.20	0.00	0.00	0.45
γ 128.0	0.28	0.00	0.00	0.54
γ 129.0	0.37	0.00	0.00	0.64
γ 130.0	0.46	0.00	0.00	0.73
γ 131.0	0.54	0.00	0.02	0.83
γ 132.0	0.64	0.00	0.10	0.93
γ 133.0	0.73	0.00	0.19	1.02
γ 134.0	0.83	0.01	0.28	1.12
γ 135.0	0.92	0.09	0.36	1.21
γ 136.0	1.03	0.16	0.45	1.31
γ 137.0	1.12	0.23	0.55	1.40
γ 138.0	1.23	0.31	0.63	1.50
γ 139.0	1.33	0.40	0.74	1.60
γ 140.0	1.42	0.48	0.84	1.70

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Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	1.52	0.58	0.94	1.78
γ 142.0	1.64	0.68	1.04	1.89
γ 143.0	1.73	0.77	1.14	1.97
γ 144.0	1.83	0.87	1.24	2.06
γ 145.0	1.93	0.97	1.35	2.17
γ 146.0	2.02	1.07	1.44	2.25
γ 147.0	2.13	1.18	1.55	2.33
γ 148.0	2.21	1.29	1.66	2.42
γ 149.0	2.31	1.40	1.76	2.49
γ 150.0	2.38	1.50	1.86	2.58
γ 151.0	2.48	1.61	1.97	2.65
γ 152.0	2.56	1.72	2.07	2.72
γ 153.0	2.64	1.82	2.16	2.78
γ 154.0	2.70	1.93	2.26	2.84
γ 155.0	2.78	2.04	2.35	2.89
γ 156.0	2.84	2.12	2.45	2.93
γ 157.0	2.90	2.21	2.54	2.98
γ 158.0	2.96	2.32	2.63	3.02
γ 159.0	3.02	2.40	2.70	3.05
γ 160.0	3.06	2.49	2.79	3.10
γ 161.0	3.12	2.57	2.86	3.13
γ 162.0	3.17	2.66	2.94	3.16
γ 163.0	3.22	2.74	3.00	3.20
γ 164.0	3.28	2.83	3.08	3.25
γ 165.0	3.33	2.90	3.14	3.28
γ 166.0	3.37	2.99	3.19	3.32
γ 167.0	3.42	3.06	3.24	3.35
γ 168.0	3.47	3.13	3.31	3.40
γ 169.0	3.51	3.20	3.36	3.44
γ 170.0	3.56	3.26	3.41	3.47
γ 171.0	3.58	3.32	3.46	3.50
γ 172.0	3.62	3.38	3.49	3.53
γ 173.0	3.62	3.44	3.54	3.55
γ 174.0	3.66	3.48	3.57	3.58
γ 175.0	3.68	3.51	3.61	3.59
γ 176.0	3.69	3.54	3.63	3.61
γ 177.0	3.70	3.57	3.67	3.63
γ 178.0	3.71	3.59	3.69	3.64
γ 179.0	3.70	3.60	3.71	3.65
γ 180.0	3.68	3.68	3.68	3.68