

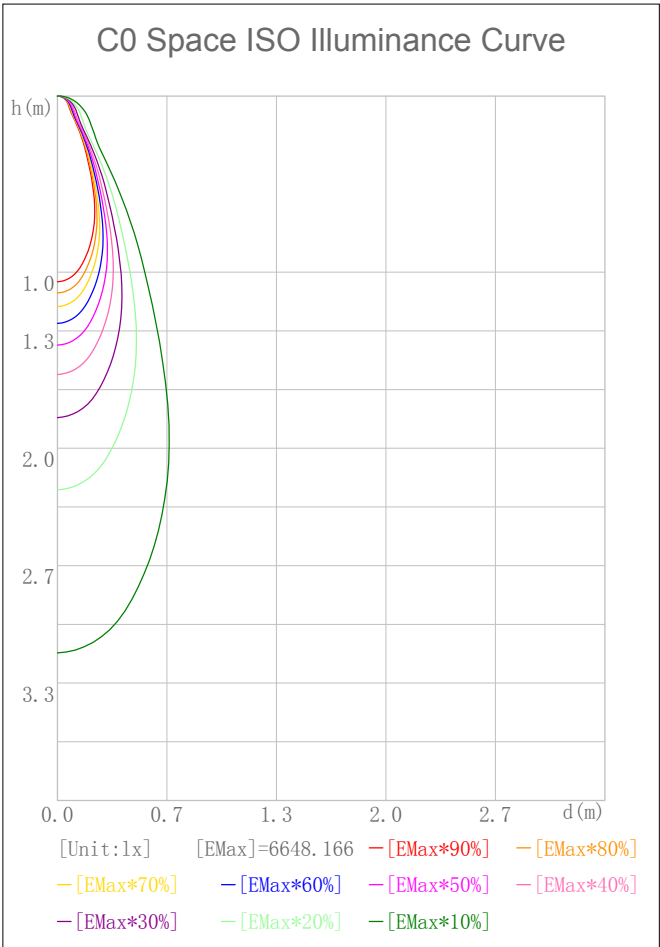
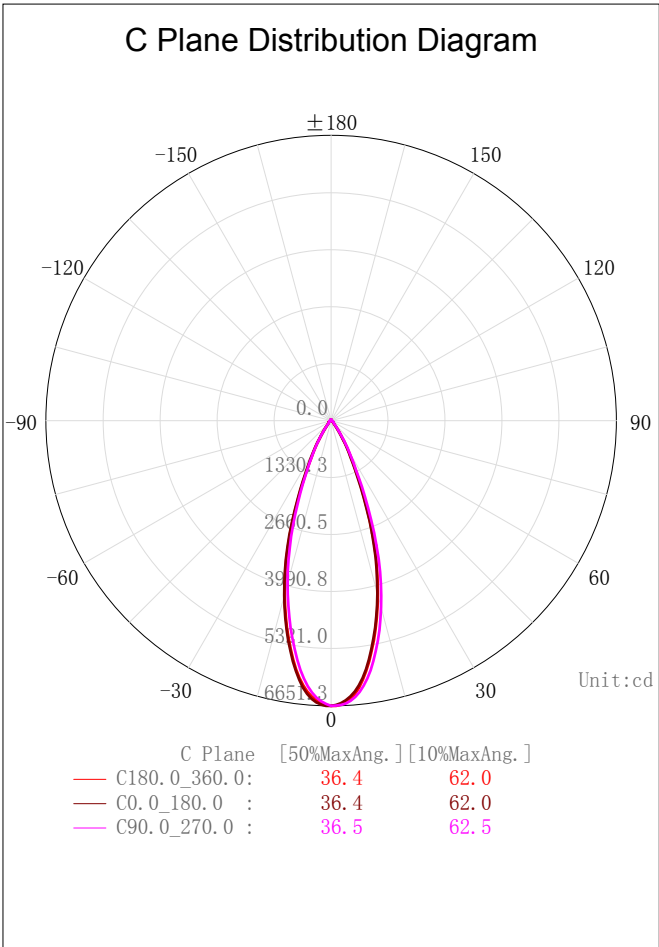
Indoor Luminaire Photometric Data

Description Information

Luminary Name: TR05-35-XX-01 4000K RA90 36D		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog: LED	Test Date: 2019/11/26
Manufacture: Shenzhen Norming Lighting Co., Ltd		Shld. Ang(°):	Test Machine:GON-2000
Test Lab: QUality peatment		Frequency (Hz):	Lamp CCT (K): Ra:
Lum. Size (W*L*H):0.070m*0.070m*0.266m		Lum. Area (m2):0.024	Lum. W (kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp. (°C): 25	Humidity(%): 50.0

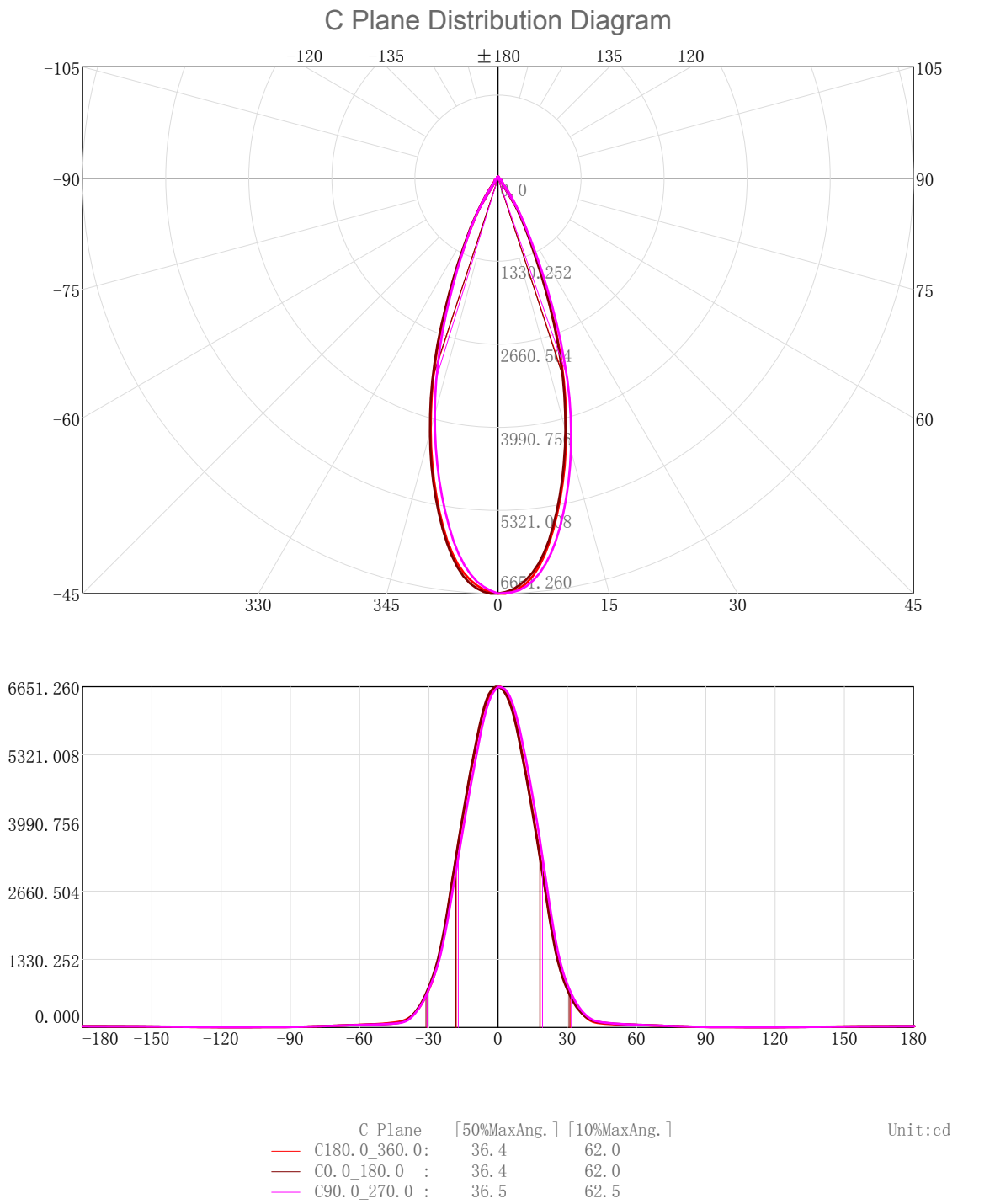
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 2989.740	Luminary Flux(lm): 2989.744	Field Angle(10%Imax): 62.0(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 2909.597lm 97.32%	
Rated Voltage(V):	Luminary EER(lm/W): 87.088	Up Lumens&Percent: 80.147lm 2.68%	
Tested Power(W): 34.330	Max. Candela(cd): 6651.260	S/MH: C0_a180=0.595 C90_270=0.597	
Lamps' Inside: 1	Max Cand@Ang. (°): C=180.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):240.3, 0.144, 0.987	Beam Angle(50%Imax): 36.4(°)	ErP ϕ use(90°): 2761.567lm	
Lamp Size (W*L*H):0.070m*0.070m*0.266m	Left=-18.1°, Right=18.3°	IRF(%): 500.632	



2D Plane Light Intensity Distribution Curve

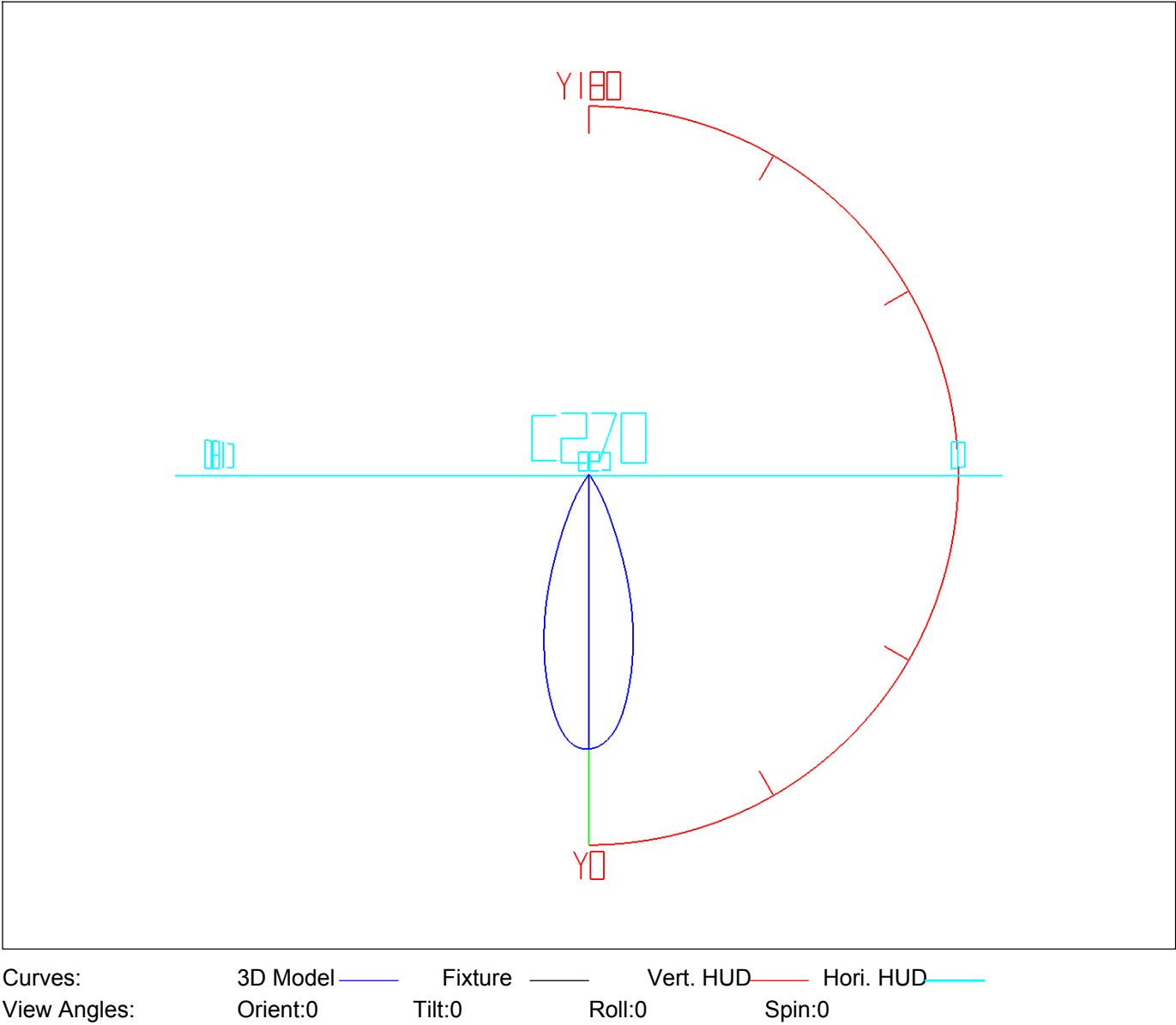
Lum. Name:TR05-35-XX-01 4000K RA90 36D	Lum. Catalog:	Test ID:01
Lamp Name:	Lamp Catalog:LED	Test Lab:Quality peatment
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/11/26



3D Light Intensity Distribution Modal

Lum. Name:TR05-35-XX-01 4000K RA90 36D	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:QQualty peatment
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/11/26

3D Light Intensity Distribution Modal



IES Indoor Report

Photometric Filename:TR05-35-XX-01 4000K RA90 36D.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	6.35	6.35	0.21	0.21	47.0-48.0	6.52	2745.79	0.22	91.84
1.0-2.0	18.99	25.34	0.64	0.85	48.0-49.0	6.31	2752.10	0.21	92.05
2.0-3.0	31.43	56.77	1.05	1.90	49.0-50.0	6.12	2758.23	0.20	92.26
3.0-4.0	43.53	100.30	1.46	3.35	50.0-51.0	5.98	2764.21	0.20	92.46
4.0-5.0	55.12	155.42	1.84	5.20	51.0-52.0	5.87	2770.08	0.20	92.65
5.0-6.0	66.05	221.48	2.21	7.41	52.0-53.0	5.78	2775.86	0.19	92.85
6.0-7.0	76.15	297.63	2.55	9.96	53.0-54.0	5.70	2781.56	0.19	93.04
7.0-8.0	85.27	382.90	2.85	12.81	54.0-55.0	5.62	2787.18	0.19	93.22
8.0-9.0	93.32	476.22	3.12	15.93	55.0-56.0	5.54	2792.72	0.19	93.41
9.0-10.0	100.29	576.51	3.35	19.28	56.0-57.0	5.46	2798.19	0.18	93.59
10.0-11.0	106.20	682.71	3.55	22.84	57.0-58.0	5.37	2803.56	0.18	93.77
11.0-12.0	111.05	793.76	3.71	26.55	58.0-59.0	5.27	2808.83	0.18	93.95
12.0-13.0	114.81	908.57	3.84	30.39	59.0-60.0	5.17	2813.99	0.17	94.12
13.0-14.0	117.41	1025.98	3.93	34.32	60.0-61.0	5.06	2819.06	0.17	94.29
14.0-15.0	118.86	1144.84	3.98	38.29	61.0-62.0	4.95	2824.01	0.17	94.46
15.0-16.0	119.20	1264.04	3.99	42.28	62.0-63.0	4.84	2828.85	0.16	94.62
16.0-17.0	118.43	1382.48	3.96	46.24	63.0-64.0	4.72	2833.58	0.16	94.78
17.0-18.0	116.46	1498.93	3.90	50.14	64.0-65.0	4.60	2838.18	0.15	94.93
18.0-19.0	113.19	1612.12	3.79	53.92	65.0-66.0	4.47	2842.65	0.15	95.08
19.0-20.0	108.65	1720.77	3.63	57.56	66.0-67.0	4.34	2846.99	0.15	95.23
20.0-21.0	103.01	1823.78	3.45	61.00	67.0-68.0	4.20	2851.19	0.14	95.37
21.0-22.0	96.40	1920.18	3.22	64.23	68.0-69.0	4.07	2855.25	0.14	95.50
22.0-23.0	89.20	2009.38	2.98	67.21	69.0-70.0	3.93	2859.18	0.13	95.63
23.0-24.0	81.91	2091.29	2.74	69.95	70.0-71.0	3.80	2862.98	0.13	95.76
24.0-25.0	74.64	2165.93	2.50	72.45	71.0-72.0	3.66	2866.64	0.12	95.88
25.0-26.0	67.63	2233.56	2.26	74.71	72.0-73.0	3.52	2870.16	0.12	96.00
26.0-27.0	61.13	2294.70	2.04	76.75	73.0-74.0	3.39	2873.55	0.11	96.11
27.0-28.0	55.28	2349.97	1.85	78.60	74.0-75.0	3.25	2876.80	0.11	96.22
28.0-29.0	50.05	2400.02	1.67	80.28	75.0-76.0	3.11	2879.91	0.10	96.33
29.0-30.0	45.19	2445.21	1.51	81.79	76.0-77.0	2.97	2882.88	0.10	96.43
30.0-31.0	40.54	2485.75	1.36	83.14	77.0-78.0	2.84	2885.72	0.10	96.52
31.0-32.0	36.03	2521.78	1.21	84.35	78.0-79.0	2.71	2888.43	0.09	96.61
32.0-33.0	31.76	2553.55	1.06	85.41	79.0-80.0	2.57	2891.00	0.09	96.70
33.0-34.0	27.85	2581.39	0.93	86.34	80.0-81.0	2.43	2893.43	0.08	96.78
34.0-35.0	24.24	2605.63	0.81	87.15	81.0-82.0	2.30	2895.73	0.08	96.86
35.0-36.0	20.94	2626.57	0.70	87.85	82.0-83.0	2.17	2897.90	0.07	96.93
36.0-37.0	17.99	2644.57	0.60	88.45	83.0-84.0	2.04	2899.94	0.07	97.00
37.0-38.0	15.38	2659.94	0.51	88.97	84.0-85.0	1.91	2901.85	0.06	97.06
38.0-39.0	13.11	2673.06	0.44	89.41	85.0-86.0	1.78	2903.64	0.06	97.12
39.0-40.0	11.23	2684.29	0.38	89.78	86.0-87.0	1.66	2905.29	0.06	97.18
40.0-41.0	9.77	2694.06	0.33	90.11	87.0-88.0	1.54	2906.83	0.05	97.23
41.0-42.0	8.73	2702.80	0.29	90.40	88.0-89.0	1.43	2908.26	0.05	97.27
42.0-43.0	8.02	2710.82	0.27	90.67	89.0-90.0	1.34	2909.60	0.04	97.32
43.0-44.0	7.55	2718.37	0.25	90.92	90.0-91.0	1.29	2910.88	0.04	97.36
44.0-45.0	7.21	2725.58	0.24	91.16	91.0-92.0	1.26	2912.14	0.04	97.40
45.0-46.0	6.96	2732.53	0.23	91.40	92.0-93.0	1.23	2913.38	0.04	97.45
46.0-47.0	6.73	2739.27	0.23	91.62	93.0-94.0	1.21	2914.59	0.04	97.49

IES Indoor Report

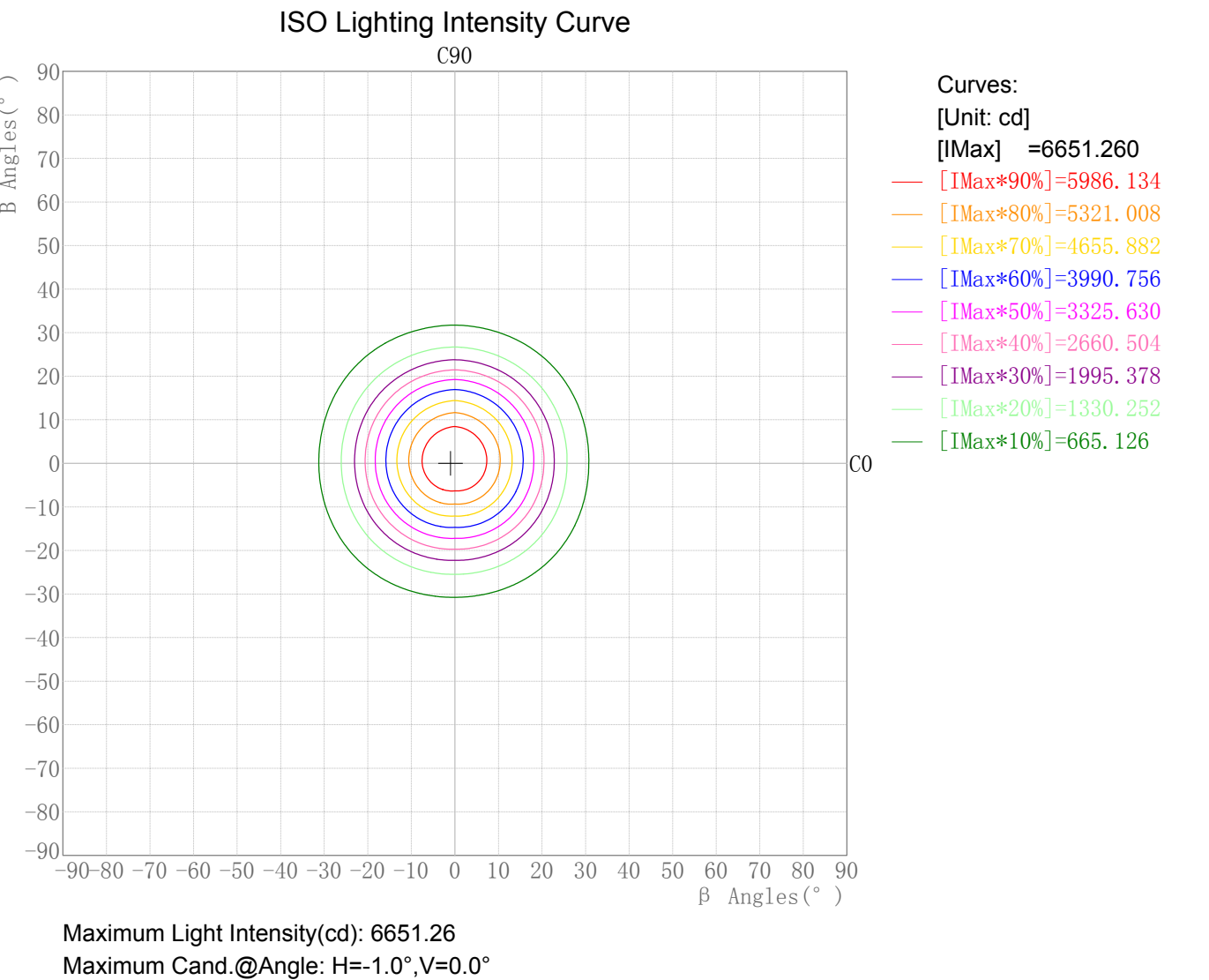
Photometric Filename:TR05-35-XX-01 4000K RA90 36D.IES

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	1.18	2915.77	0.04	97.53	141.0-142.0	1.11	2960.90	0.04	99.04
95.0-96.0	1.16	2916.93	0.04	97.56	142.0-143.0	1.12	2962.02	0.04	99.07
96.0-97.0	1.14	2918.07	0.04	97.60	143.0-144.0	1.13	2963.15	0.04	99.11
97.0-98.0	1.12	2919.19	0.04	97.64	144.0-145.0	1.14	2964.29	0.04	99.15
98.0-99.0	1.10	2920.28	0.04	97.68	145.0-146.0	1.14	2965.43	0.04	99.19
99.0-100.0	1.08	2921.36	0.04	97.71	146.0-147.0	1.14	2966.57	0.04	99.23
100.0-101.0	1.05	2922.41	0.04	97.75	147.0-148.0	1.14	2967.72	0.04	99.26
101.0-102.0	1.03	2923.45	0.03	97.78	148.0-149.0	1.14	2968.86	0.04	99.30
102.0-103.0	1.02	2924.46	0.03	97.82	149.0-150.0	1.13	2969.99	0.04	99.34
103.0-104.0	1.00	2925.46	0.03	97.85	150.0-151.0	1.12	2971.11	0.04	99.38
104.0-105.0	0.98	2926.45	0.03	97.88	151.0-152.0	1.11	2972.23	0.04	99.41
105.0-106.0	0.97	2927.42	0.03	97.92	152.0-153.0	1.10	2973.33	0.04	99.45
106.0-107.0	0.95	2928.37	0.03	97.95	153.0-154.0	1.08	2974.41	0.04	99.49
107.0-108.0	0.94	2929.31	0.03	97.98	154.0-155.0	1.06	2975.47	0.04	99.52
108.0-109.0	0.93	2930.24	0.03	98.01	155.0-156.0	1.04	2976.50	0.03	99.56
109.0-110.0	0.91	2931.15	0.03	98.04	156.0-157.0	1.01	2977.52	0.03	99.59
110.0-111.0	0.90	2932.05	0.03	98.07	157.0-158.0	0.98	2978.50	0.03	99.62
111.0-112.0	0.89	2932.94	0.03	98.10	158.0-159.0	0.95	2979.45	0.03	99.66
112.0-113.0	0.88	2933.82	0.03	98.13	159.0-160.0	0.92	2980.37	0.03	99.69
113.0-114.0	0.87	2934.68	0.03	98.16	160.0-161.0	0.88	2981.25	0.03	99.72
114.0-115.0	0.86	2935.55	0.03	98.19	161.0-162.0	0.84	2982.10	0.03	99.74
115.0-116.0	0.86	2936.40	0.03	98.22	162.0-163.0	0.81	2982.90	0.03	99.77
116.0-117.0	0.85	2937.25	0.03	98.24	163.0-164.0	0.77	2983.67	0.03	99.80
117.0-118.0	0.85	2938.10	0.03	98.27	164.0-165.0	0.72	2984.39	0.02	99.82
118.0-119.0	0.84	2938.94	0.03	98.30	165.0-166.0	0.68	2985.07	0.02	99.84
119.0-120.0	0.85	2939.79	0.03	98.33	166.0-167.0	0.64	2985.71	0.02	99.87
120.0-121.0	0.85	2940.63	0.03	98.36	167.0-168.0	0.59	2986.30	0.02	99.88
121.0-122.0	0.85	2941.48	0.03	98.39	168.0-169.0	0.54	2986.84	0.02	99.90
122.0-123.0	0.85	2942.33	0.03	98.41	169.0-170.0	0.50	2987.34	0.02	99.92
123.0-124.0	0.86	2943.19	0.03	98.44	170.0-171.0	0.45	2987.79	0.02	99.93
124.0-125.0	0.86	2944.05	0.03	98.47	171.0-172.0	0.41	2988.20	0.01	99.95
125.0-126.0	0.88	2944.93	0.03	98.50	172.0-173.0	0.36	2988.56	0.01	99.96
126.0-127.0	0.89	2945.82	0.03	98.53	173.0-174.0	0.31	2988.87	0.01	99.97
127.0-128.0	0.90	2946.71	0.03	98.56	174.0-175.0	0.27	2989.14	0.01	99.98
128.0-129.0	0.91	2947.63	0.03	98.59	175.0-176.0	0.22	2989.35	0.01	99.99
129.0-130.0	0.93	2948.55	0.03	98.62	176.0-177.0	0.17	2989.52	0.01	99.99
130.0-131.0	0.94	2949.49	0.03	98.65	177.0-178.0	0.12	2989.65	0.00	100.00
131.0-132.0	0.96	2950.45	0.03	98.69	178.0-179.0	0.07	2989.72	0.00	100.00
132.0-133.0	0.97	2951.42	0.03	98.72	179.0-180.0	0.02	2989.74	0.00	100.00
133.0-134.0	0.99	2952.41	0.03	98.75					
134.0-135.0	1.00	2953.41	0.03	98.78					
135.0-136.0	1.02	2954.43	0.03	98.82					
136.0-137.0	1.04	2955.47	0.03	98.85					
137.0-138.0	1.06	2956.53	0.04	98.89					
138.0-139.0	1.07	2957.60	0.04	98.92					
139.0-140.0	1.08	2958.68	0.04	98.96					
140.0-141.0	1.10	2959.78	0.04	99.00					

Rectangle ISO Lighting Intensity Diagram

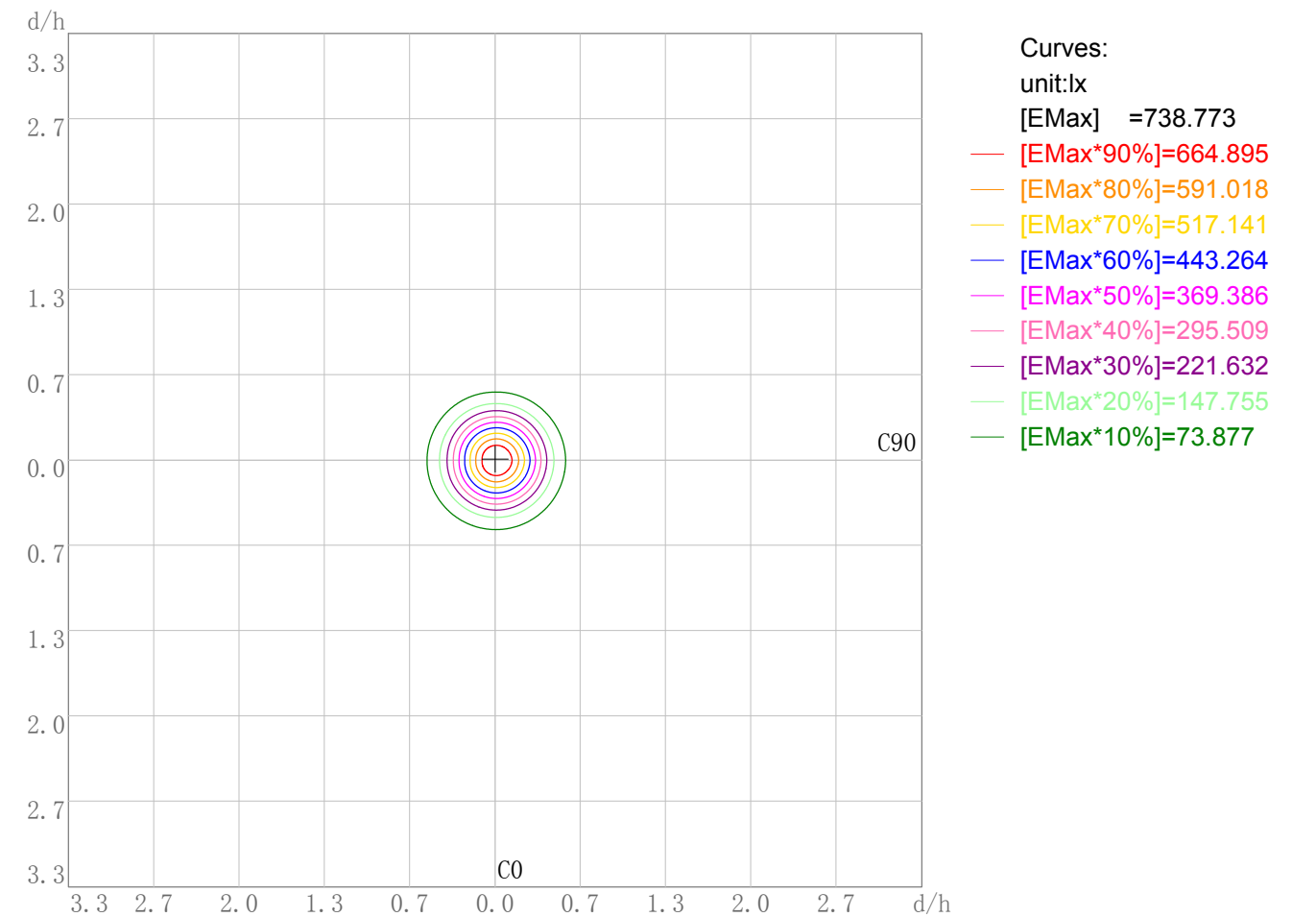
Lum. Name:TR05-35-XX-01 4000K RA90 36D	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quality peatment
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/11/26



Plane ISO-Illuminance Diagram

Lum. Name:TR05-35-XX-01 4000K RA90 36D	Lum. Catalog:	Test ID:01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/11/26

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

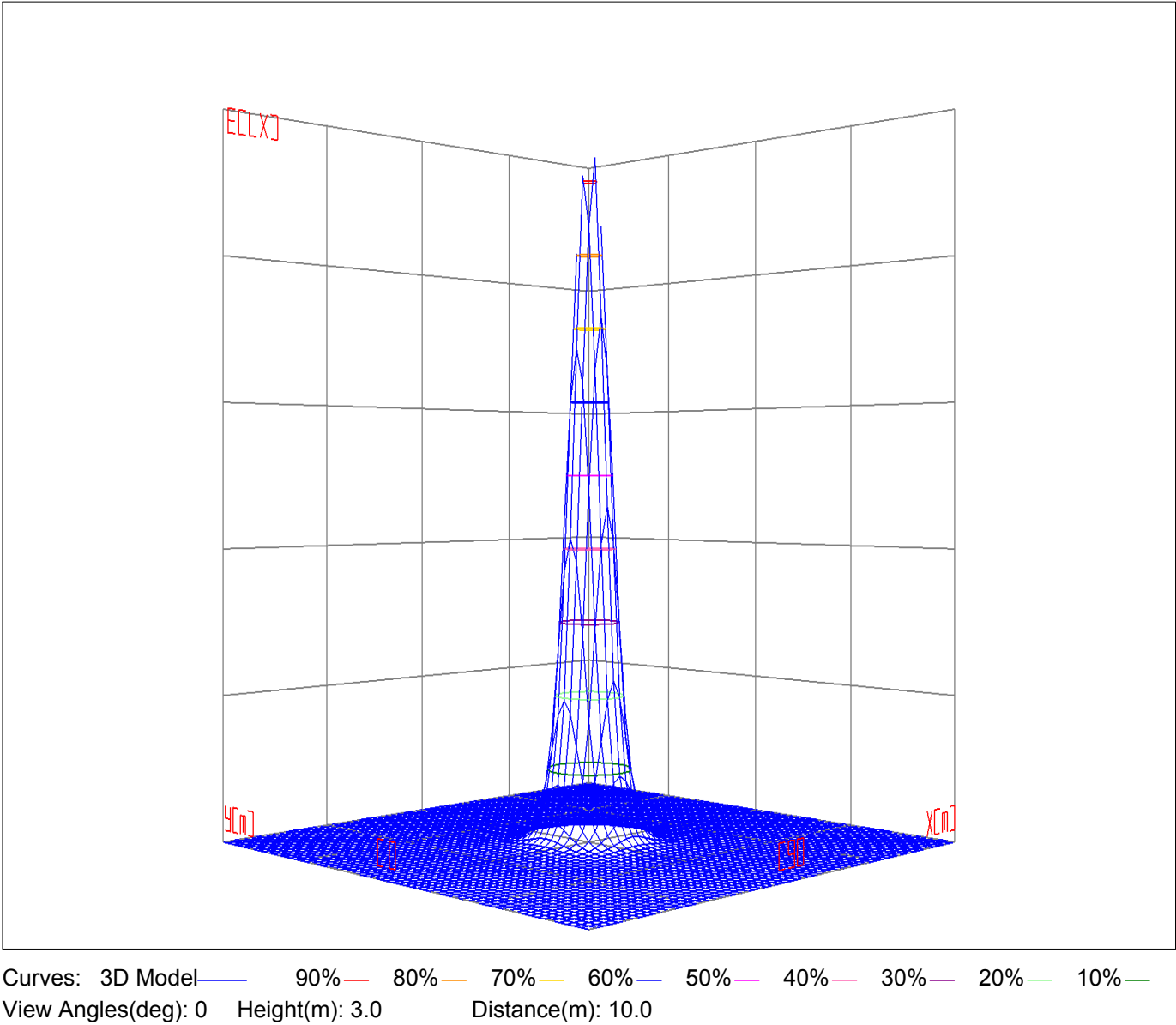
Working Plane Maximum Illuminance(lx): 738.77

Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.0

3D Plane ISO Illuminance Diagram

Lum. Name: TR05-35-XX-01 4000K RA90 36D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: QQualty peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/11/26

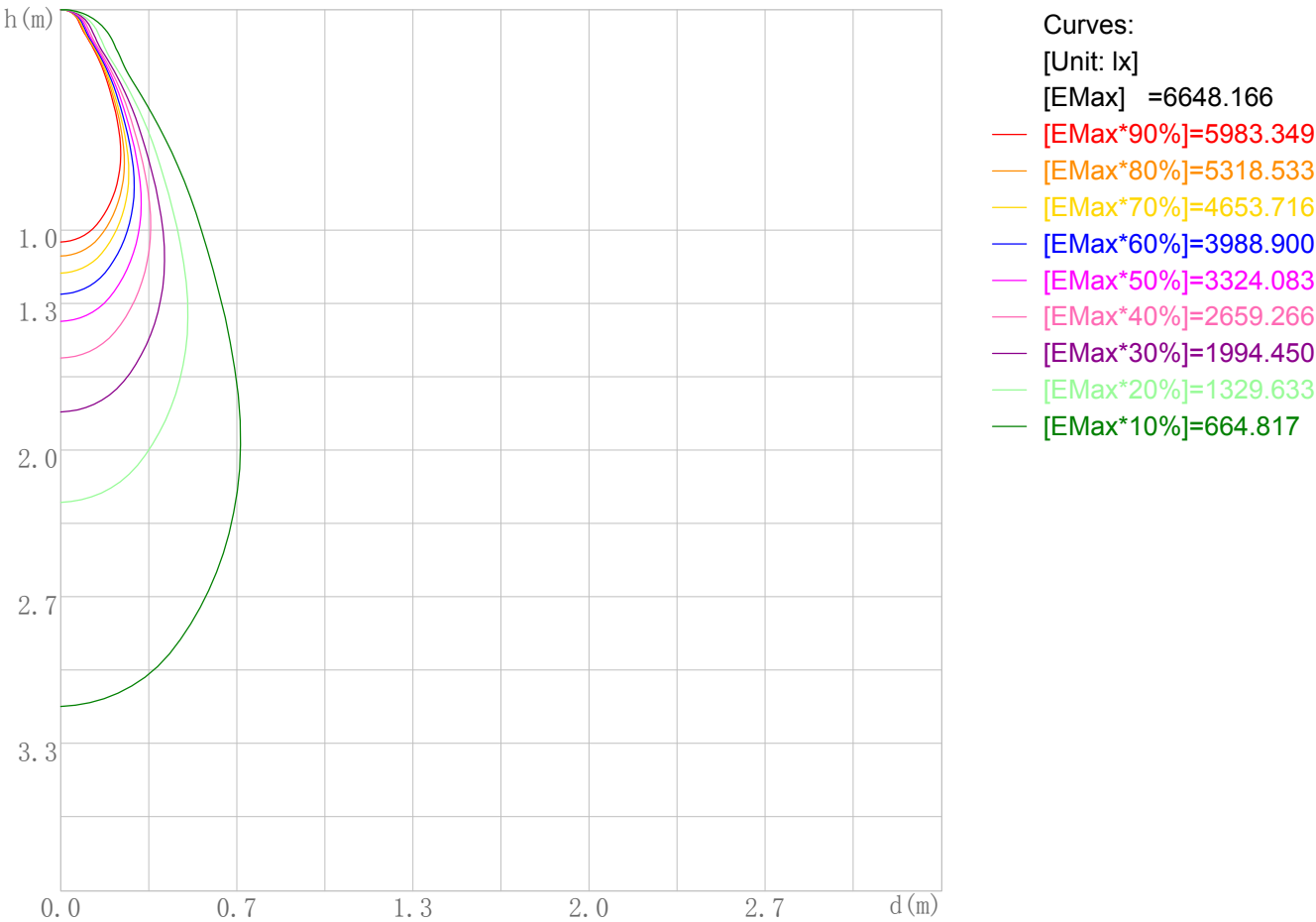
3D Plane Illuminance Modal



Space ISO Illuminance Diagram

Lum. Name:TR05-35-XX-01 4000K RA90 36D	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:QQualty peatment
Manufacture:Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date:2019/11/26

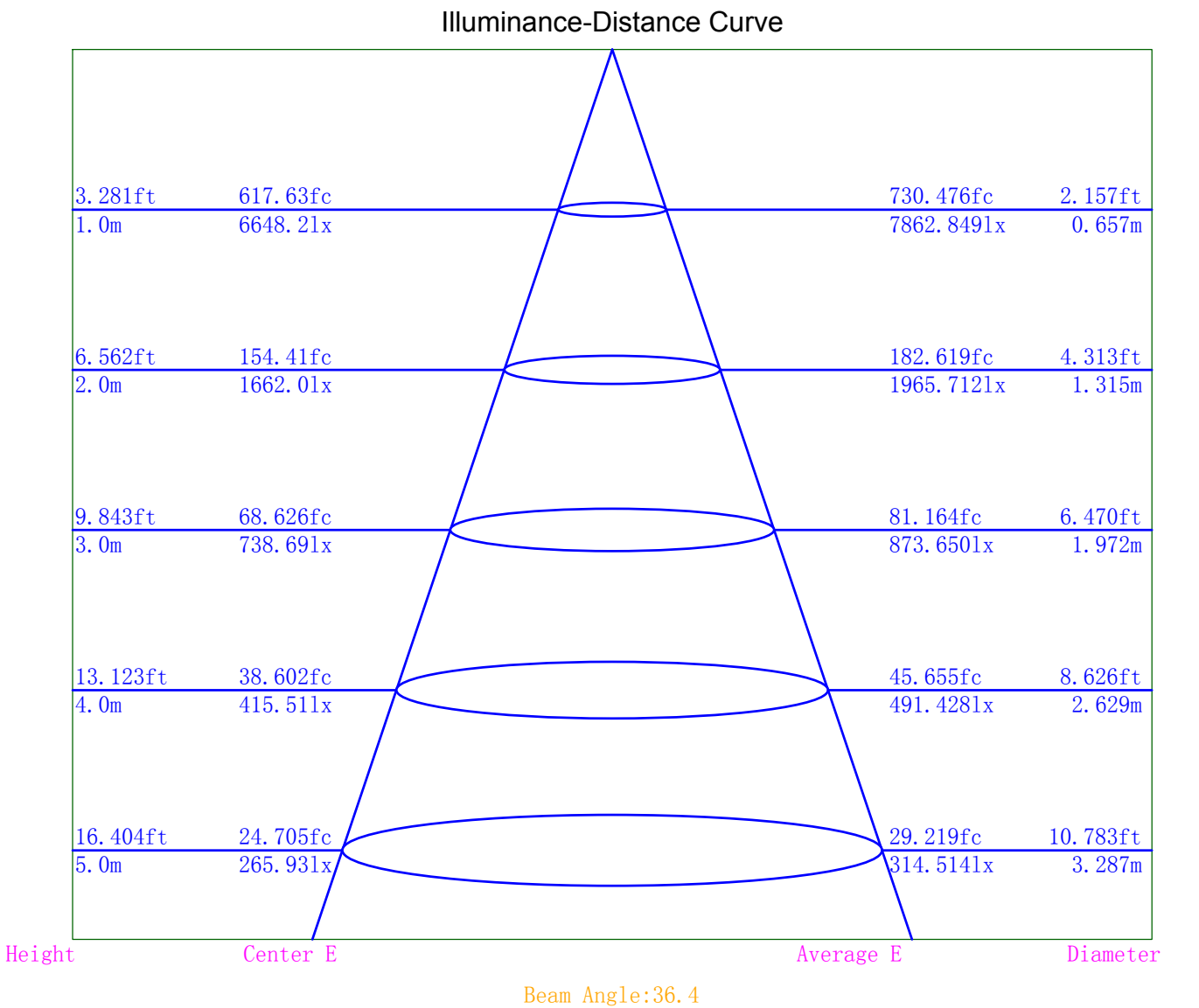
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:6648.17lx,0.0deg
Plane Maximum Lighting Intensity and @Angle:6648.166cd,0deg

Illuminance-Distance Diagram

Lum. Name:TR05-35-XX-01 4000K RA90 36D	Lum. Catalog:	Test ID:01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/11/26



Indoor Luminance Limiting Curves

Lum. Name: TR05-35-XX-01 4000K RA90 36D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/11/26

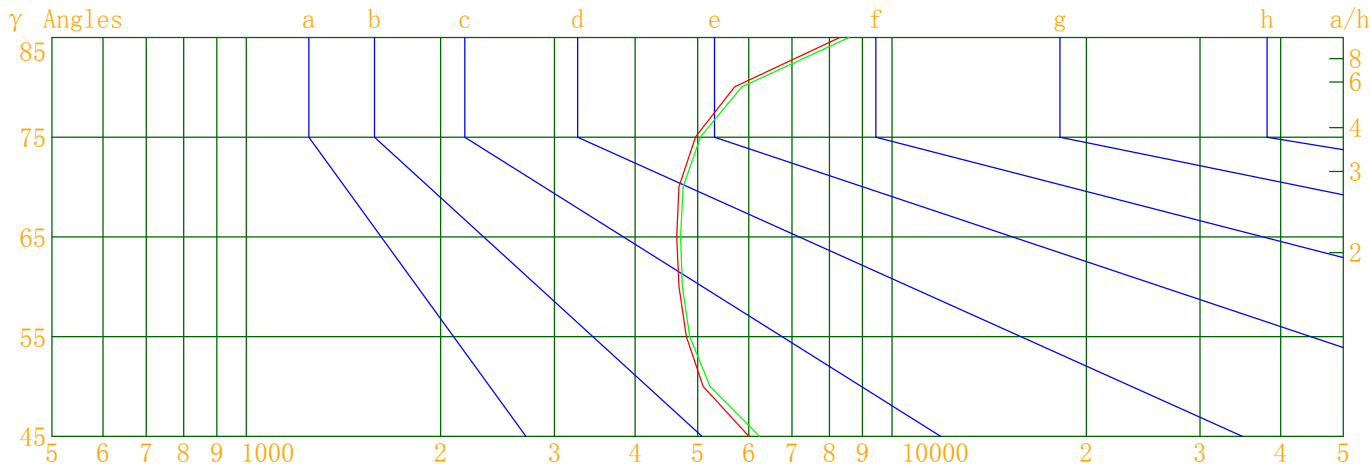
Glare Grade Table

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	6003	5100	4803	4678	4641	4678	4964	5707	8298
C90	6235	5225	4860	4735	4706	4747	5053	5854	8577

Luminance Limiting Curve



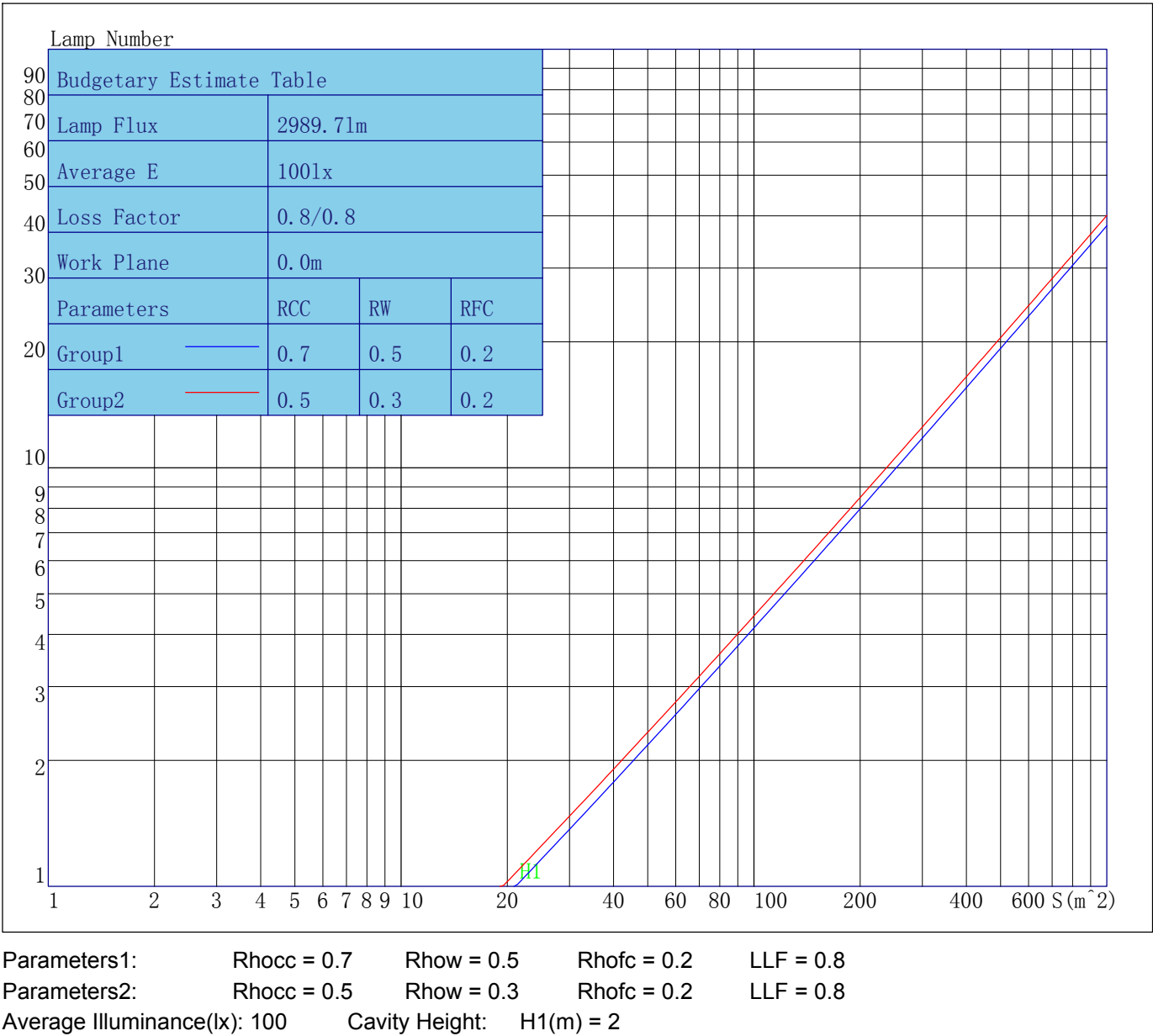
Luminous Size: Length(m)=0.070 Width(m)=0.070 Height(m)=0.266 Area(m^2)=0.023520

Luminous Type: Without Luminous Side

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

Indoor Budgetary Estimate Table

Lum. Name:TR05-35-XX-01 4000K RA90 36D	Lum. Catalog:	Test ID:01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/11/26



Indoor Coefficient of Utilization Table

Lum. Name: TR05-35-XX-01 4000K RA90 36D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/11/26

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	118	118	118	118	115	115	115	115	110	110	110	104	104	104	100	100	100	97
1	113	110	108	106	110	108	106	104	103	102	100	99	98	96	95	94	93	91
2	108	103	99	96	105	101	98	95	98	95	92	94	92	90	91	89	88	86
3	103	97	92	89	101	95	91	88	93	89	86	90	87	84	87	85	83	81
4	99	92	87	83	97	90	86	82	88	84	81	86	82	80	84	81	79	77
5	95	87	82	78	93	86	81	77	84	80	76	82	78	76	80	77	75	73
6	91	83	77	74	89	82	77	73	80	76	73	79	75	72	77	74	71	70
7	87	79	74	70	86	78	73	70	77	72	69	75	71	68	74	71	68	67
8	84	75	70	67	83	75	70	66	74	69	66	72	68	65	71	68	65	64
9	81	72	67	64	80	72	67	63	71	66	63	70	66	63	69	65	62	61
10	78	69	64	61	77	69	64	61	68	63	60	67	63	60	66	63	60	59

Unified Glare Rating Table

Lum. Name: TR05-35-XX-01 4000K RA90 36D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/11/26

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	13.1	14.0	13.5	14.4	14.8	13.5	14.4	13.9	14.8	15.2
	14.1	15.0	14.6	15.3	15.8	14.4	15.3	14.9	15.7	16.1
	14.7	15.5	15.2	15.9	16.4	15.0	15.8	15.5	16.2	16.6
	15.4	16.1	15.9	16.5	17.0	15.6	16.3	16.1	16.8	17.2
	15.7	16.4	16.2	16.8	17.3	16.0	16.6	16.5	17.1	17.6
	16.1	16.7	16.6	17.2	17.7	16.3	17.0	16.8	17.4	17.9
X=4H Y=2H	13.4	14.1	13.8	14.5	15.0	13.7	14.5	14.2	14.9	15.3
	14.7	15.3	15.2	15.8	16.3	15.0	15.6	15.4	16.1	16.5
	15.5	16.0	16.0	16.5	17.0	15.7	16.3	16.2	16.7	17.3
	16.3	16.8	16.9	17.3	17.9	16.5	17.0	17.1	17.5	18.1
	16.8	17.2	17.3	17.7	18.3	17.0	17.4	17.5	17.9	18.5
	17.3	17.7	17.8	18.2	18.7	17.5	17.8	18.0	18.4	18.9
X=8H Y=4H	15.8	16.2	16.3	16.7	17.3	16.0	16.4	16.5	16.9	17.5
	16.9	17.2	17.4	17.8	18.3	17.0	17.4	17.6	17.9	18.5
	17.5	17.8	18.0	18.3	18.9	17.6	17.9	18.2	18.5	19.1
	18.1	18.4	18.7	18.9	19.6	18.3	18.6	18.9	19.1	19.8
X=12H Y=4H	15.8	16.2	16.4	16.7	17.3	16.0	16.4	16.5	16.9	17.5
	17.0	17.3	17.6	17.8	18.4	17.1	17.4	17.7	18.0	18.6
	17.7	17.9	18.2	18.5	19.1	17.8	18.1	18.4	18.6	19.3
Variations with the objerver position at spacings										
S=1.0H	0.2/-0.2					0.2/-0.2				
S=1.5H	0.4/-0.4					0.3/-0.4				
S=2.0H	0.4/-0.4					0.4/-0.4				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	3.3					3.2				

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

IES Indoor Report

Photometric Filename:TR05-35-XX-01 4000K RA90 36D.IES

Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
γ 0.0	6648.17	6648.17	6648.17	6648.17
γ 1.0	6626.82	6642.44	6651.26	6603.86
γ 2.0	6589.59	6631.90	6624.19	6545.73
γ 3.0	6526.73	6602.58	6574.55	6466.80
γ 4.0	6444.31	6546.94	6500.58	6353.60
γ 5.0	6336.86	6464.63	6394.15	6213.90
γ 6.0	6204.35	6361.13	6257.22	6044.90
γ 7.0	6043.09	6225.30	6086.86	5852.39
γ 8.0	5852.00	6070.62	5893.11	5633.40
γ 9.0	5638.09	5890.80	5680.67	5401.27
γ 10.0	5410.99	5687.13	5452.06	5169.11
γ 11.0	5174.30	5466.74	5222.65	4930.50
γ 12.0	4934.20	5243.54	4984.69	4679.40
γ 13.0	4684.64	5008.52	4735.15	4426.48
γ 14.0	4429.19	4760.42	4474.79	4171.95
γ 15.0	4167.18	4506.81	4209.99	3912.16
γ 16.0	3897.28	4245.35	3946.19	3654.19
γ 17.0	3630.53	3980.34	3683.02	3384.10
γ 18.0	3357.53	3702.99	3404.68	3109.91
γ 19.0	3067.58	3404.85	3120.16	2855.00
γ 20.0	2787.67	3093.89	2836.91	2578.56
γ 21.0	2499.17	2801.64	2544.31	2316.75
γ 22.0	2208.89	2495.19	2264.01	2057.98
γ 23.0	1942.50	2209.76	2001.82	1824.67
γ 24.0	1702.73	1937.34	1761.40	1605.98
γ 25.0	1470.65	1695.34	1546.03	1410.27
γ 26.0	1280.76	1470.42	1347.25	1240.30
γ 27.0	1109.80	1273.60	1178.21	1094.45
γ 28.0	968.65	1106.22	1034.72	967.65
γ 29.0	847.28	965.84	910.47	850.75
γ 30.0	739.08	845.57	793.69	742.75
γ 31.0	638.66	739.13	688.30	639.64
γ 32.0	547.15	639.58	592.17	546.00
γ 33.0	471.55	549.49	499.60	467.24
γ 34.0	400.19	472.69	425.88	393.80
γ 35.0	340.58	401.88	356.70	330.08
γ 36.0	289.32	342.45	296.39	273.66
γ 37.0	244.94	290.07	246.04	223.92
γ 38.0	208.66	244.41	202.45	182.24
γ 39.0	178.54	206.20	165.78	148.51
γ 40.0	153.97	174.94	136.52	123.93
γ 41.0	135.76	150.60	115.47	106.83
γ 42.0	122.83	132.69	101.33	95.86
γ 43.0	113.26	119.77	91.88	88.74
γ 44.0	105.95	110.61	85.64	83.81
γ 45.0	99.84	103.69	81.11	80.11
γ 46.0	94.60	97.89	77.50	76.74

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	89.76	92.84	74.54	73.42
γ 48.0	85.30	88.07	71.58	69.98
γ 49.0	80.87	83.58	68.25	67.19
γ 50.0	77.10	79.00	65.86	65.54
γ 51.0	74.21	75.35	64.21	63.96
γ 52.0	71.60	72.76	62.83	62.62
γ 53.0	69.07	70.11	61.38	61.43
γ 54.0	66.89	67.79	60.08	60.26
γ 55.0	64.80	65.56	59.00	59.10
γ 56.0	62.92	63.57	57.87	57.99
γ 57.0	60.90	61.60	56.59	56.63
γ 58.0	58.74	59.51	55.28	55.20
γ 59.0	56.92	57.52	53.81	53.79
γ 60.0	55.01	55.68	52.52	52.37
γ 61.0	53.26	53.79	51.05	50.86
γ 62.0	51.40	51.94	49.46	49.51
γ 63.0	49.68	50.12	47.90	48.06
γ 64.0	47.93	48.43	46.54	46.50
γ 65.0	46.13	46.77	44.96	44.78
γ 66.0	44.30	44.93	43.30	43.29
γ 67.0	42.54	43.19	41.77	41.61
γ 68.0	40.94	41.43	40.16	40.04
γ 69.0	39.30	39.83	38.58	38.47
γ 70.0	37.63	38.19	37.10	36.98
γ 71.0	36.16	36.63	35.67	35.42
γ 72.0	34.59	35.11	34.12	33.90
γ 73.0	33.13	33.63	32.63	32.43
γ 74.0	31.62	32.15	31.16	30.94
γ 75.0	30.22	30.76	29.67	29.43
γ 76.0	28.68	29.32	28.27	27.97
γ 77.0	27.33	27.93	26.91	26.67
γ 78.0	26.07	26.55	25.51	25.31
γ 79.0	24.60	25.23	24.21	23.91
γ 80.0	23.31	23.91	22.84	22.55
γ 81.0	22.04	22.61	21.58	21.21
γ 82.0	20.79	21.28	20.29	19.89
γ 83.0	19.49	20.07	19.05	18.72
γ 84.0	18.26	18.72	17.82	17.57
γ 85.0	17.01	17.58	16.71	16.35
γ 86.0	15.92	16.45	15.50	15.08
γ 87.0	14.69	15.28	14.41	13.94
γ 88.0	13.60	14.06	13.34	12.85
γ 89.0	12.63	13.03	12.29	12.24
γ 90.0	12.15	11.85	11.55	12.04
γ 91.0	11.91	11.40	11.34	11.68
γ 92.0	11.72	11.21	11.07	11.52
γ 93.0	11.49	11.01	10.81	11.28

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	11.24	10.84	10.67	10.97
γ 95.0	11.03	10.61	10.43	10.79
γ 96.0	10.91	10.46	10.36	10.62
γ 97.0	10.60	10.21	10.08	10.49
γ 98.0	10.44	10.12	9.87	10.26
γ 99.0	10.28	9.93	9.78	10.10
γ 100.0	10.17	9.78	9.59	9.94
γ 101.0	9.96	9.64	9.40	9.78
γ 102.0	9.80	9.51	9.32	9.61
γ 103.0	9.69	9.35	9.14	9.56
γ 104.0	9.56	9.22	9.09	9.40
γ 105.0	9.40	9.09	9.04	9.37
γ 106.0	9.24	9.02	8.93	9.25
γ 107.0	9.15	8.97	8.89	9.16
γ 108.0	9.03	8.78	8.87	9.14
γ 109.0	8.96	8.62	8.76	9.03
γ 110.0	8.85	8.66	8.70	9.00
γ 111.0	8.82	8.55	8.65	8.97
γ 112.0	8.62	8.47	8.70	8.88
γ 113.0	8.64	8.46	8.53	8.89
γ 114.0	8.57	8.45	8.65	8.86
γ 115.0	8.62	8.38	8.71	8.91
γ 116.0	8.50	8.37	8.75	8.98
γ 117.0	8.58	8.33	8.73	9.01
γ 118.0	8.44	8.41	8.90	9.10
γ 119.0	8.63	8.41	8.96	9.22
γ 120.0	8.72	8.50	9.01	9.40
γ 121.0	8.85	8.57	9.18	9.46
γ 122.0	8.81	8.70	9.38	9.66
γ 123.0	8.99	8.78	9.53	9.85
γ 124.0	9.07	8.90	9.71	10.09
γ 125.0	9.28	9.13	10.02	10.36
γ 126.0	9.54	9.33	10.29	10.61
γ 127.0	9.76	9.58	10.48	10.78
γ 128.0	10.06	9.76	10.91	11.18
γ 129.0	10.34	10.11	11.21	11.51
γ 130.0	10.63	10.41	11.53	11.85
γ 131.0	10.96	10.70	11.88	12.28
γ 132.0	11.22	11.09	12.32	12.67
γ 133.0	11.75	11.44	12.68	13.06
γ 134.0	12.02	11.73	13.14	13.52
γ 135.0	12.49	12.18	13.59	13.94
γ 136.0	12.95	12.62	14.06	14.39
γ 137.0	13.46	13.07	14.61	14.88
γ 138.0	13.94	13.55	15.14	15.45
γ 139.0	14.39	14.04	15.57	15.94
γ 140.0	14.92	14.49	16.10	16.41

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	15.49	15.00	16.66	16.97
γ 142.0	15.97	15.61	17.19	17.42
γ 143.0	16.58	16.11	17.69	17.98
γ 144.0	17.14	16.67	18.25	18.43
γ 145.0	17.57	17.16	18.73	18.96
γ 146.0	18.16	17.65	19.27	19.48
γ 147.0	18.61	18.15	19.82	19.99
γ 148.0	19.20	18.69	20.40	20.43
γ 149.0	19.62	19.09	20.77	20.92
γ 150.0	20.16	19.62	21.25	21.35
γ 151.0	20.58	20.09	21.77	21.69
γ 152.0	21.11	20.58	22.17	22.18
γ 153.0	21.53	20.94	22.60	22.53
γ 154.0	21.94	21.44	23.04	22.77
γ 155.0	22.28	21.79	23.36	23.09
γ 156.0	22.70	22.19	23.72	23.44
γ 157.0	22.94	22.51	24.05	23.58
γ 158.0	23.27	22.90	24.30	23.86
γ 159.0	23.56	23.17	24.54	24.01
γ 160.0	23.77	23.36	24.74	24.20
γ 161.0	23.92	23.58	24.96	24.31
γ 162.0	24.13	23.77	25.08	24.39
γ 163.0	24.31	24.05	25.16	24.50
γ 164.0	24.47	24.13	25.28	24.60
γ 165.0	24.60	24.32	25.33	24.59
γ 166.0	24.77	24.44	25.43	24.67
γ 167.0	24.78	24.53	25.42	24.63
γ 168.0	24.89	24.61	25.43	24.62
γ 169.0	24.94	24.80	25.44	24.68
γ 170.0	25.05	24.79	25.49	24.69
γ 171.0	25.11	24.91	25.45	24.70
γ 172.0	25.20	24.97	25.53	24.70
γ 173.0	25.22	24.99	25.53	24.75
γ 174.0	25.27	25.04	25.60	24.82
γ 175.0	25.36	25.13	25.68	24.86
γ 176.0	25.49	25.21	25.69	24.97
γ 177.0	25.60	25.34	25.72	24.97
γ 178.0	25.56	25.35	25.67	25.18
γ 179.0	25.64	25.38	25.85	25.18
γ 180.0	25.56	25.56	25.56	25.56
