

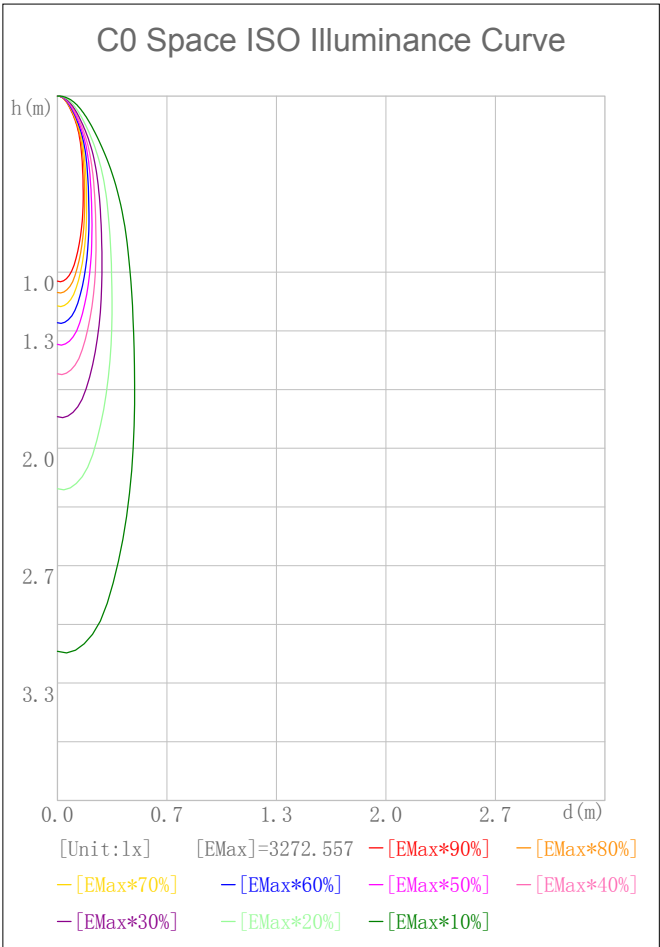
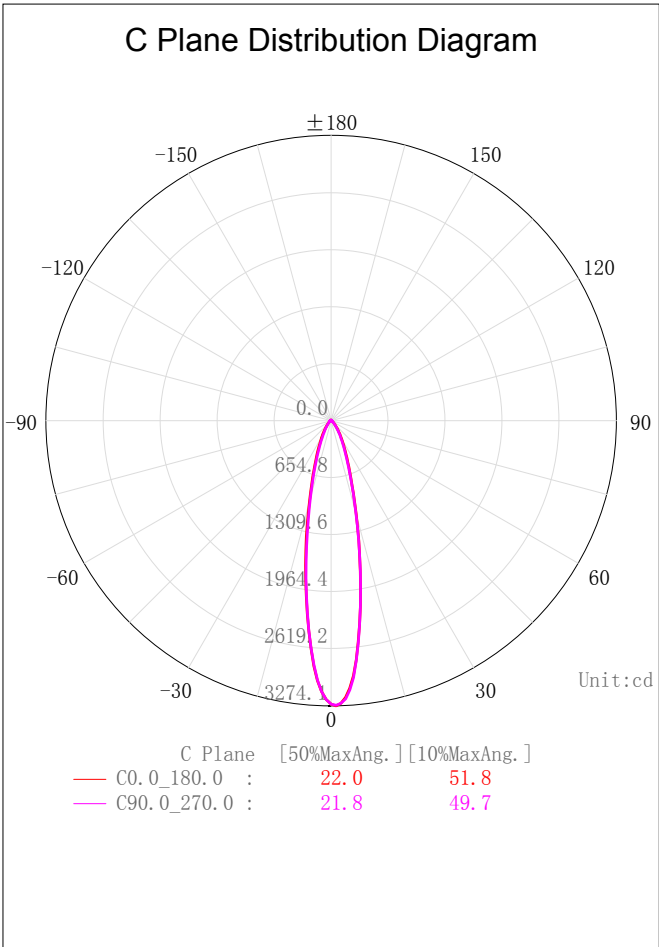
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-13-SL-03 2700K RA97 15D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Date: 2020/01/02
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): 0.498m*0.498m*0.650m	Lum. Area (m2): 0.572	Lum. W (kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp. (°C): 25
		Humidity (%):

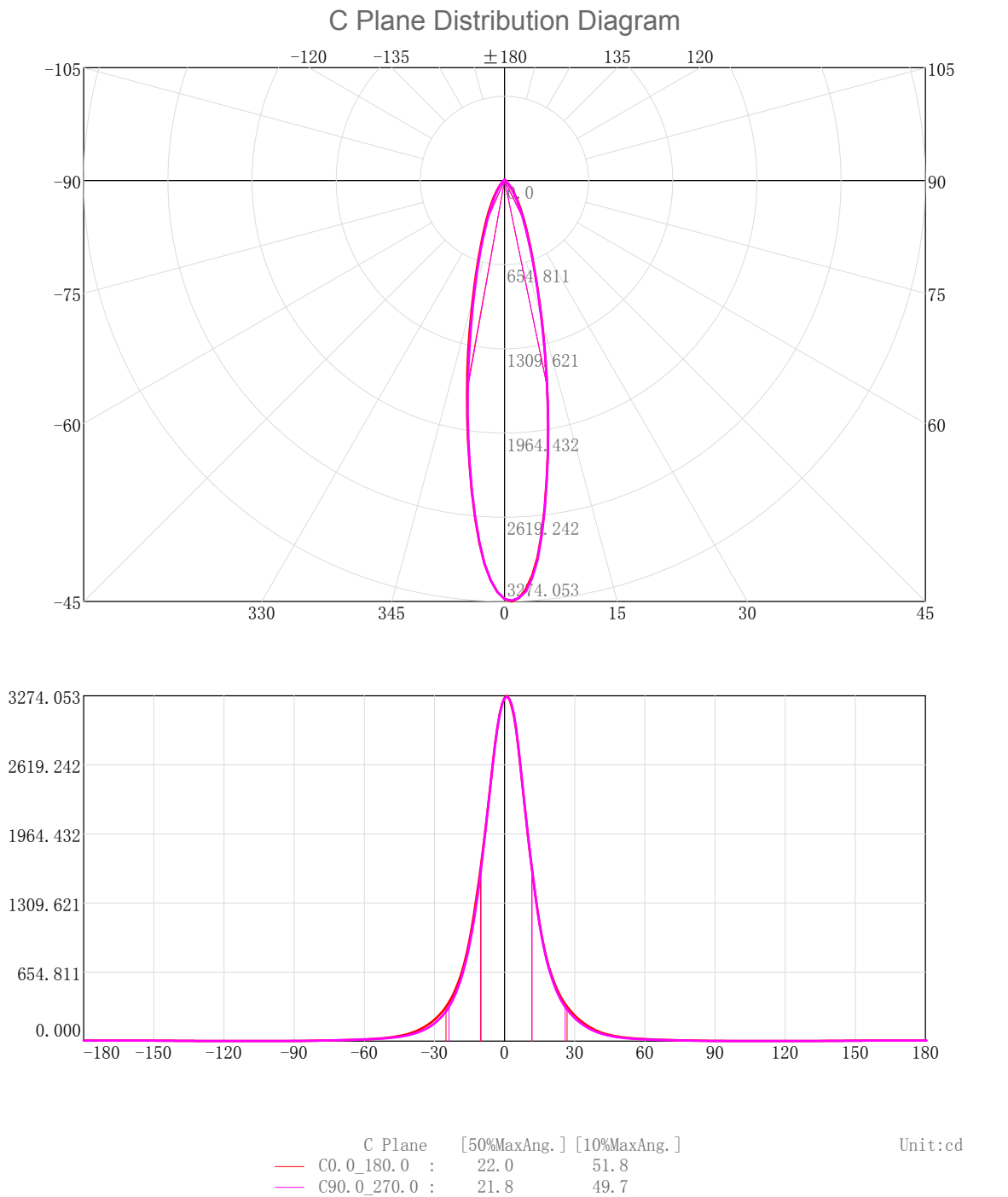
Character Parameter

Lamp Speciality Parameter	Luminaire Speciality Parameter	
Rated Flux(lm): 873.650	Luminary Flux(lm): 873.646	Field Angle(10%Imax): 51.8(°)
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 852.669lm 97.60%
Rated Voltage(V):	Luminary EER(lm/W): 67.515	Up Lumens&Percent: 20.978lm 2.40%
Tested Power(W): 12.940	Max. Candela(cd): 3274.053	S/MH: C0_a180=0.373 C90_270=0.370
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=1.0	CIE Type: Semi-Direct
Tested Electrics (V, A, pf): 240.2, 0.056	Beam Angle(50%Imax): 22.0(°)	ErP Φ use(90°): 788.615lm
Lamp Size(W*L*H): 0.498m*0.498m*0.650m	Left=-10.3°, Right=11.7°	IRF (%): 812.071



2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-13-SL-03 2700K RA97 15D	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: 2020/01/02



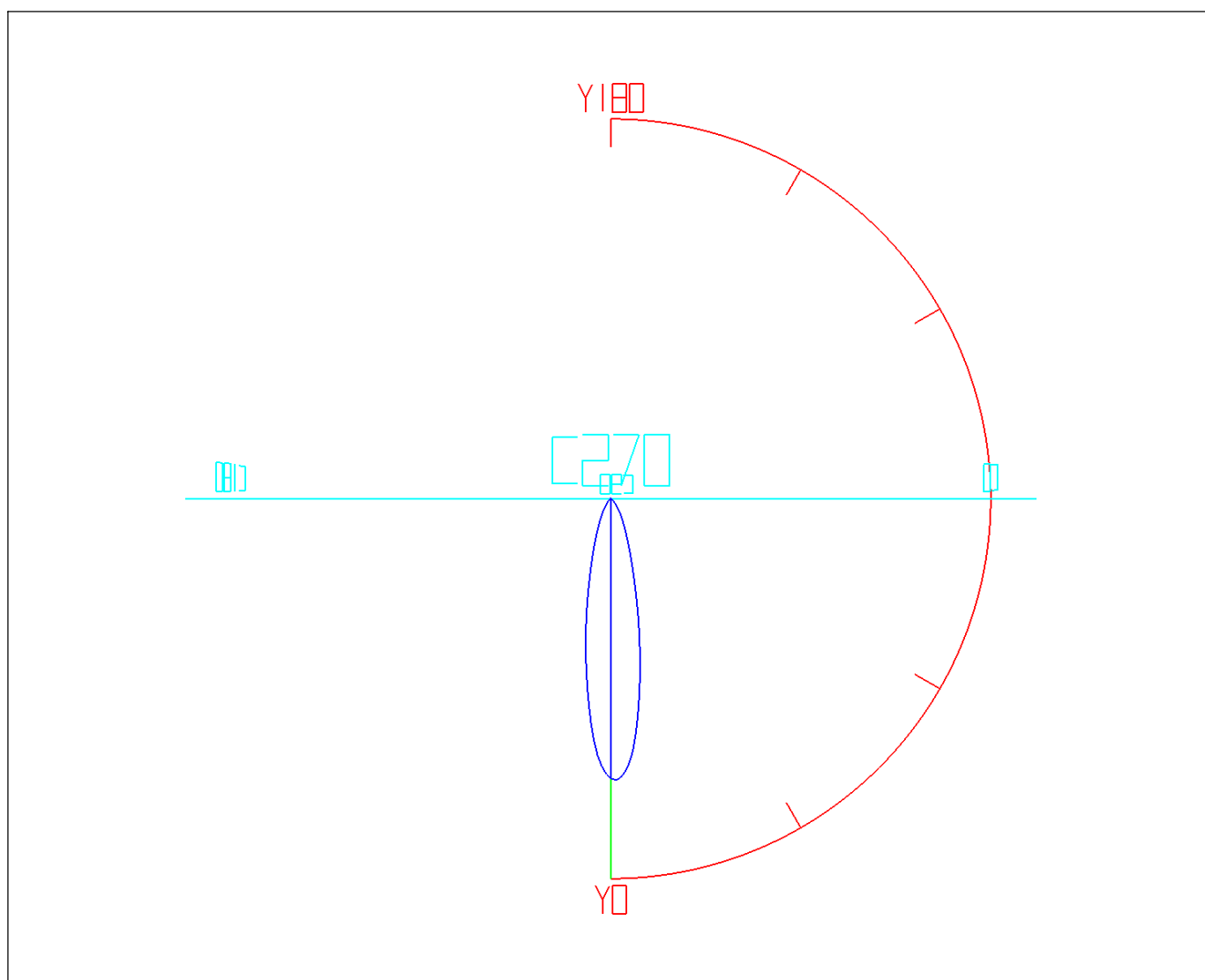
IES Indoor Report

Photometric Filename:MD10-13-SL-03 2700K RA97 15D.IES

3D Light Intensity Distribution Modal

Lum. Name: MD10-13-SL-03 2700K RA97 15D	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: 2020/01/02

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	3.10	3.10	0.36	0.36	47.0-48.0	3.32	797.28	0.38	91.26
1.0-2.0	9.20	12.31	1.05	1.41	48.0-49.0	3.12	800.40	0.36	91.62
2.0-3.0	14.98	27.29	1.71	3.12	49.0-50.0	2.94	803.34	0.34	91.95
3.0-4.0	20.21	47.50	2.31	5.44	50.0-51.0	2.77	806.11	0.32	92.27
4.0-5.0	24.70	72.21	2.83	8.26	51.0-52.0	2.61	808.72	0.30	92.57
5.0-6.0	28.31	100.51	3.24	11.50	52.0-53.0	2.47	811.19	0.28	92.85
6.0-7.0	30.99	131.50	3.55	15.05	53.0-54.0	2.35	813.54	0.27	93.12
7.0-8.0	32.85	164.36	3.76	18.81	54.0-55.0	2.23	815.77	0.25	93.37
8.0-9.0	33.99	198.35	3.89	22.70	55.0-56.0	2.12	817.88	0.24	93.62
9.0-10.0	34.47	232.82	3.95	26.65	56.0-57.0	2.02	819.90	0.23	93.85
10.0-11.0	34.34	267.16	3.93	30.58	57.0-58.0	1.92	821.82	0.22	94.07
11.0-12.0	33.71	300.86	3.86	34.44	58.0-59.0	1.83	823.65	0.21	94.28
12.0-13.0	32.67	333.53	3.74	38.18	59.0-60.0	1.75	825.40	0.20	94.48
13.0-14.0	31.34	364.87	3.59	41.76	60.0-61.0	1.67	827.06	0.19	94.67
14.0-15.0	29.82	394.69	3.41	45.18	61.0-62.0	1.59	828.65	0.18	94.85
15.0-16.0	28.24	422.93	3.23	48.41	62.0-63.0	1.52	830.17	0.17	95.02
16.0-17.0	26.66	449.59	3.05	51.46	63.0-64.0	1.45	831.63	0.17	95.19
17.0-18.0	25.11	474.71	2.87	54.34	64.0-65.0	1.39	833.02	0.16	95.35
18.0-19.0	23.62	498.32	2.70	57.04	65.0-66.0	1.33	834.35	0.15	95.50
19.0-20.0	22.20	520.52	2.54	59.58	66.0-67.0	1.27	835.62	0.15	95.65
20.0-21.0	20.84	541.36	2.39	61.97	67.0-68.0	1.22	836.84	0.14	95.79
21.0-22.0	19.56	560.93	2.24	64.21	68.0-69.0	1.17	838.01	0.13	95.92
22.0-23.0	18.37	579.29	2.10	66.31	69.0-70.0	1.12	839.13	0.13	96.05
23.0-24.0	17.25	596.55	1.97	68.28	70.0-71.0	1.07	840.20	0.12	96.17
24.0-25.0	16.21	612.76	1.86	70.14	71.0-72.0	1.02	841.22	0.12	96.29
25.0-26.0	15.24	628.00	1.74	71.88	72.0-73.0	0.98	842.20	0.11	96.40
26.0-27.0	14.32	642.32	1.64	73.52	73.0-74.0	0.93	843.13	0.11	96.51
27.0-28.0	13.46	655.78	1.54	75.06	74.0-75.0	0.89	844.02	0.10	96.61
28.0-29.0	12.64	668.43	1.45	76.51	75.0-76.0	0.85	844.87	0.10	96.71
29.0-30.0	11.86	680.29	1.36	77.87	76.0-77.0	0.81	845.67	0.09	96.80
30.0-31.0	11.12	691.40	1.27	79.14	77.0-78.0	0.77	846.44	0.09	96.89
31.0-32.0	10.40	701.80	1.19	80.33	78.0-79.0	0.73	847.17	0.08	96.97
32.0-33.0	9.72	711.52	1.11	81.44	79.0-80.0	0.69	847.86	0.08	97.05
33.0-34.0	9.07	720.59	1.04	82.48	80.0-81.0	0.65	848.51	0.07	97.12
34.0-35.0	8.44	729.03	0.97	83.45	81.0-82.0	0.61	849.12	0.07	97.19
35.0-36.0	7.85	736.88	0.90	84.35	82.0-83.0	0.57	849.68	0.06	97.26
36.0-37.0	7.29	744.18	0.83	85.18	83.0-84.0	0.52	850.21	0.06	97.32
37.0-38.0	6.77	750.95	0.78	85.96	84.0-85.0	0.49	850.69	0.06	97.37
38.0-39.0	6.29	757.24	0.72	86.68	85.0-86.0	0.45	851.14	0.05	97.42
39.0-40.0	5.84	763.08	0.67	87.34	86.0-87.0	0.41	851.56	0.05	97.47
40.0-41.0	5.42	768.50	0.62	87.96	87.0-88.0	0.39	851.94	0.04	97.52
41.0-42.0	5.03	773.53	0.58	88.54	88.0-89.0	0.37	852.31	0.04	97.56
42.0-43.0	4.68	778.21	0.54	89.08	89.0-90.0	0.36	852.67	0.04	97.60
43.0-44.0	4.36	782.57	0.50	89.57	90.0-91.0	0.34	853.01	0.04	97.64
44.0-45.0	4.06	786.63	0.46	90.04	91.0-92.0	0.34	853.35	0.04	97.68
45.0-46.0	3.79	790.42	0.43	90.47	92.0-93.0	0.33	853.68	0.04	97.71
46.0-47.0	3.54	793.96	0.41	90.88	93.0-94.0	0.32	853.99	0.04	97.75

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	0.31	854.30	0.04	97.79	141.0-142.0	0.29	865.82	0.03	99.10
95.0-96.0	0.30	854.61	0.03	97.82	142.0-143.0	0.30	866.11	0.03	99.14
96.0-97.0	0.30	854.90	0.03	97.85	143.0-144.0	0.30	866.42	0.03	99.17
97.0-98.0	0.29	855.19	0.03	97.89	144.0-145.0	0.31	866.72	0.04	99.21
98.0-99.0	0.28	855.48	0.03	97.92	145.0-146.0	0.31	867.03	0.04	99.24
99.0-100.0	0.28	855.75	0.03	97.95	146.0-147.0	0.31	867.35	0.04	99.28
100.0-101.0	0.27	856.03	0.03	97.98	147.0-148.0	0.31	867.66	0.04	99.31
101.0-102.0	0.27	856.29	0.03	98.01	148.0-149.0	0.31	867.97	0.04	99.35
102.0-103.0	0.26	856.55	0.03	98.04	149.0-150.0	0.31	868.28	0.04	99.39
103.0-104.0	0.26	856.81	0.03	98.07	150.0-151.0	0.31	868.59	0.04	99.42
104.0-105.0	0.25	857.07	0.03	98.10	151.0-152.0	0.31	868.90	0.04	99.46
105.0-106.0	0.25	857.31	0.03	98.13	152.0-153.0	0.30	869.20	0.03	99.49
106.0-107.0	0.25	857.56	0.03	98.16	153.0-154.0	0.30	869.49	0.03	99.52
107.0-108.0	0.24	857.80	0.03	98.19	154.0-155.0	0.29	869.78	0.03	99.56
108.0-109.0	0.24	858.04	0.03	98.21	155.0-156.0	0.28	870.07	0.03	99.59
109.0-110.0	0.24	858.28	0.03	98.24	156.0-157.0	0.28	870.34	0.03	99.62
110.0-111.0	0.23	858.51	0.03	98.27	157.0-158.0	0.27	870.61	0.03	99.65
111.0-112.0	0.23	858.74	0.03	98.29	158.0-159.0	0.26	870.87	0.03	99.68
112.0-113.0	0.23	858.97	0.03	98.32	159.0-160.0	0.25	871.12	0.03	99.71
113.0-114.0	0.22	859.19	0.03	98.35	160.0-161.0	0.24	871.36	0.03	99.74
114.0-115.0	0.22	859.41	0.03	98.37	161.0-162.0	0.23	871.59	0.03	99.76
115.0-116.0	0.22	859.63	0.03	98.40	162.0-163.0	0.22	871.81	0.02	99.79
116.0-117.0	0.22	859.85	0.03	98.42	163.0-164.0	0.21	872.01	0.02	99.81
117.0-118.0	0.22	860.07	0.02	98.45	164.0-165.0	0.20	872.21	0.02	99.83
118.0-119.0	0.22	860.29	0.02	98.47	165.0-166.0	0.18	872.39	0.02	99.86
119.0-120.0	0.21	860.50	0.02	98.49	166.0-167.0	0.17	872.56	0.02	99.88
120.0-121.0	0.21	860.71	0.02	98.52	167.0-168.0	0.16	872.72	0.02	99.89
121.0-122.0	0.21	860.93	0.02	98.54	168.0-169.0	0.15	872.87	0.02	99.91
122.0-123.0	0.21	861.14	0.02	98.57	169.0-170.0	0.13	873.01	0.02	99.93
123.0-124.0	0.21	861.36	0.02	98.59	170.0-171.0	0.12	873.13	0.01	99.94
124.0-125.0	0.22	861.57	0.02	98.62	171.0-172.0	0.11	873.24	0.01	99.95
125.0-126.0	0.22	861.79	0.02	98.64	172.0-173.0	0.10	873.33	0.01	99.96
126.0-127.0	0.22	862.01	0.03	98.67	173.0-174.0	0.08	873.42	0.01	99.97
127.0-128.0	0.22	862.23	0.03	98.69	174.0-175.0	0.07	873.49	0.01	99.98
128.0-129.0	0.22	862.45	0.03	98.72	175.0-176.0	0.06	873.54	0.01	99.99
129.0-130.0	0.23	862.68	0.03	98.74	176.0-177.0	0.04	873.59	0.01	99.99
130.0-131.0	0.23	862.91	0.03	98.77	177.0-178.0	0.03	873.62	0.00	100.00
131.0-132.0	0.24	863.15	0.03	98.80	178.0-179.0	0.02	873.64	0.00	100.00
132.0-133.0	0.24	863.39	0.03	98.83	179.0-180.0	0.01	873.65	0.00	100.00
133.0-134.0	0.25	863.64	0.03	98.85					
134.0-135.0	0.25	863.89	0.03	98.88					
135.0-136.0	0.26	864.14	0.03	98.91					
136.0-137.0	0.26	864.41	0.03	98.94					
137.0-138.0	0.27	864.68	0.03	98.97					
138.0-139.0	0.28	864.95	0.03	99.00					
139.0-140.0	0.28	865.24	0.03	99.04					
140.0-141.0	0.29	865.52	0.03	99.07					

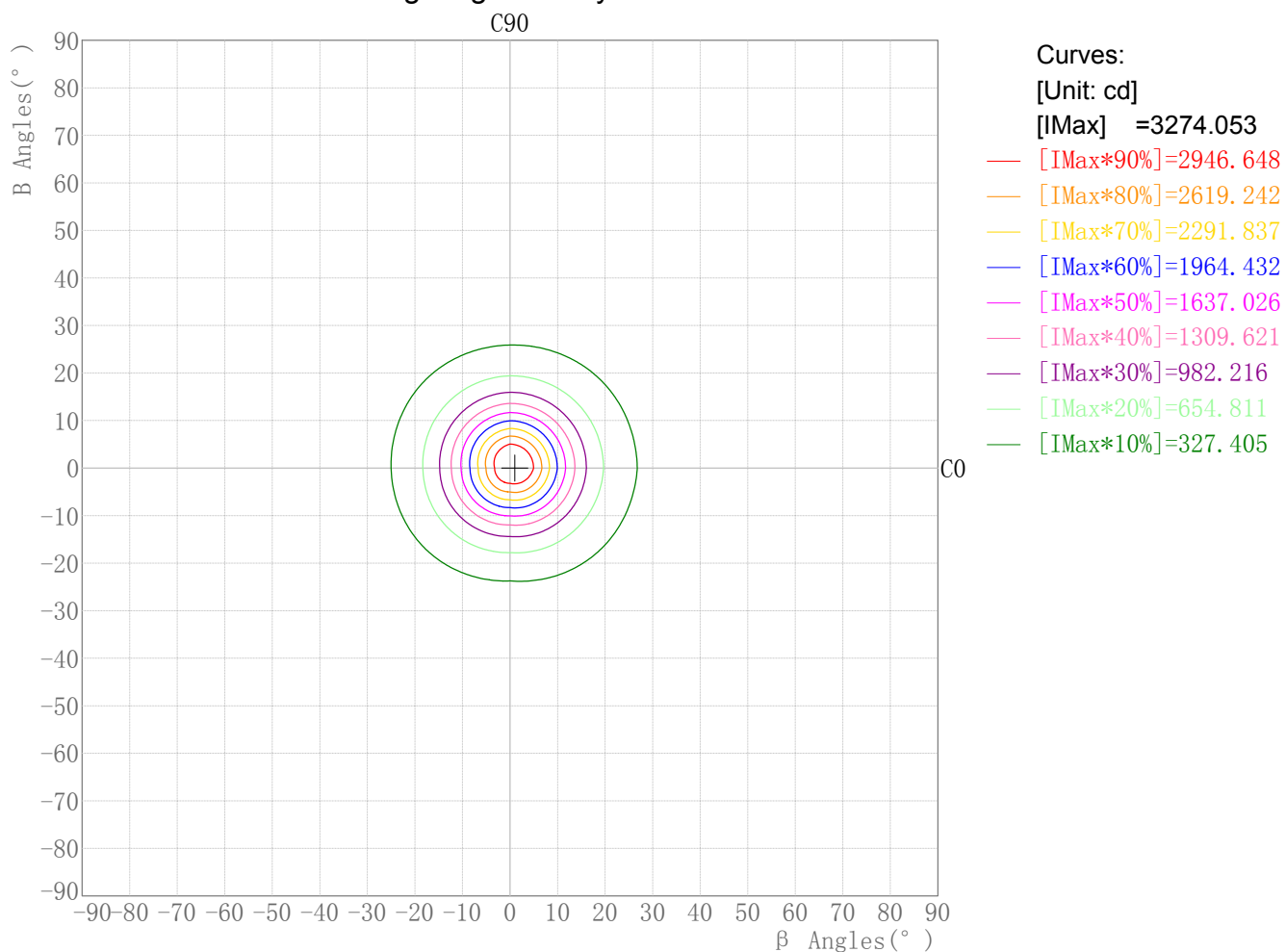
IES Indoor Report

Photometric Filename:MD10-13-SL-03 2700K RA97 15D.IES

Rectangle ISO Lighting Intensity Diagram

Lum. Name: MD10-13-SL-03 2700K RA97 15D	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: 2020/01/02

ISO Lighting Intensity Curve



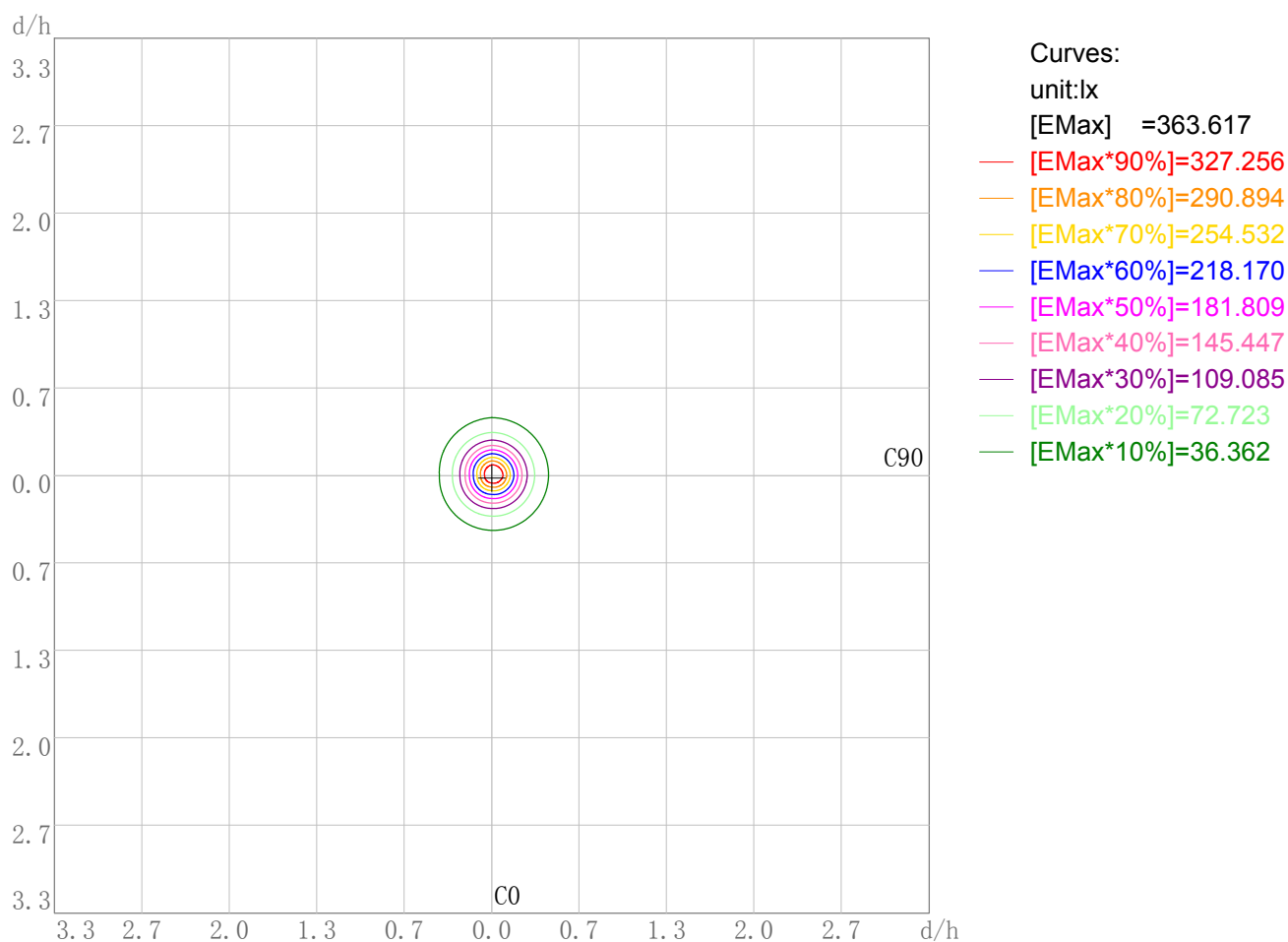
Maximum Light Intensity(cd): 3274.05

Maximum Cand.@Angle: H=1.0°,V=0.0°

Plane ISO-Illuminance Diagram

Lum. Name: MD10-13-SL-03 2700K RA97 15D	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: 2020/01/02

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00

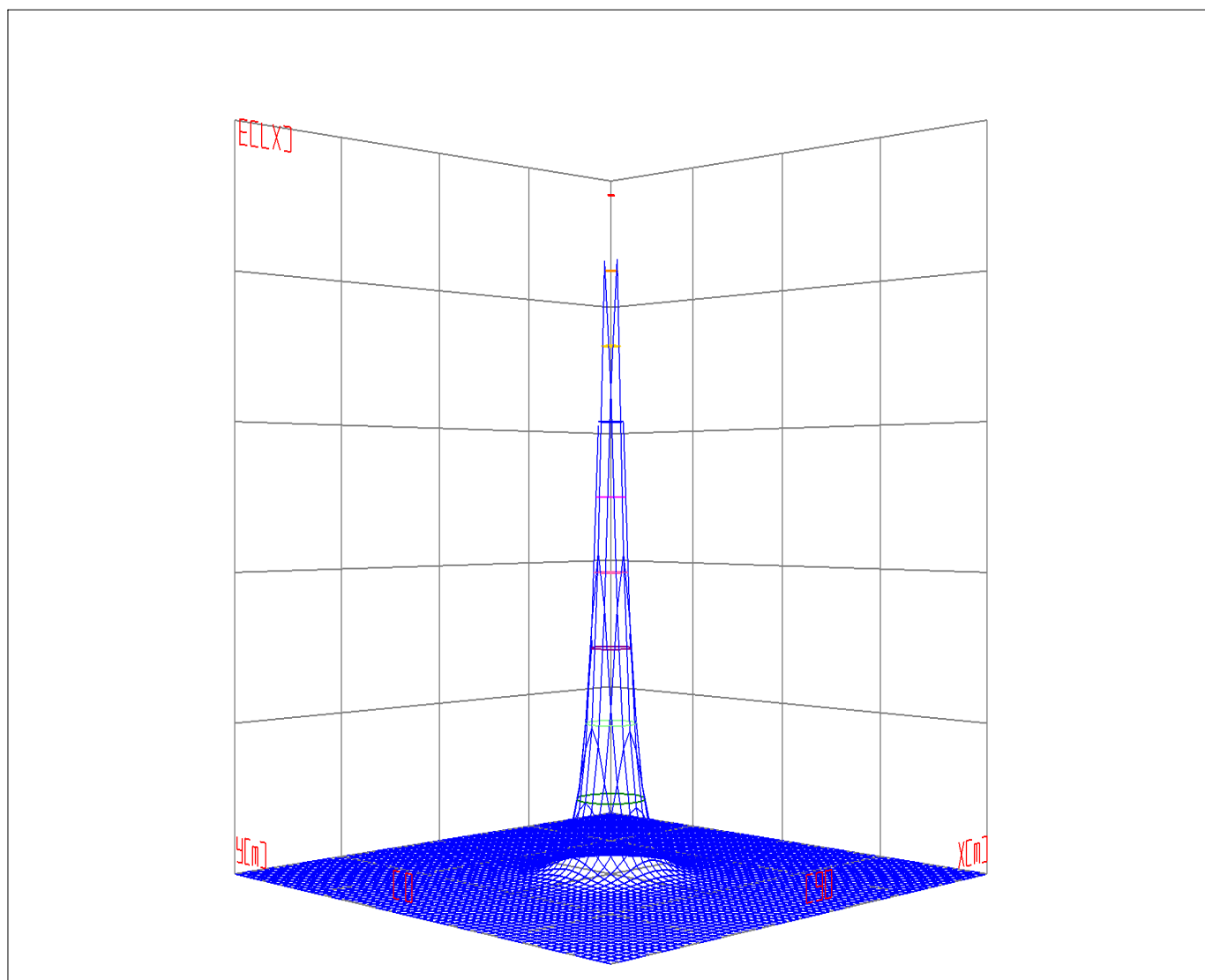
Working Plane Maximum Illuminance(lx): 363.62

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

3D Plane ISO Illuminance Diagram

Lum. Name: MD10-13-SL-03 2700K RA97 15D	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: 2020/01/02

3D Plane Illuminance Modal

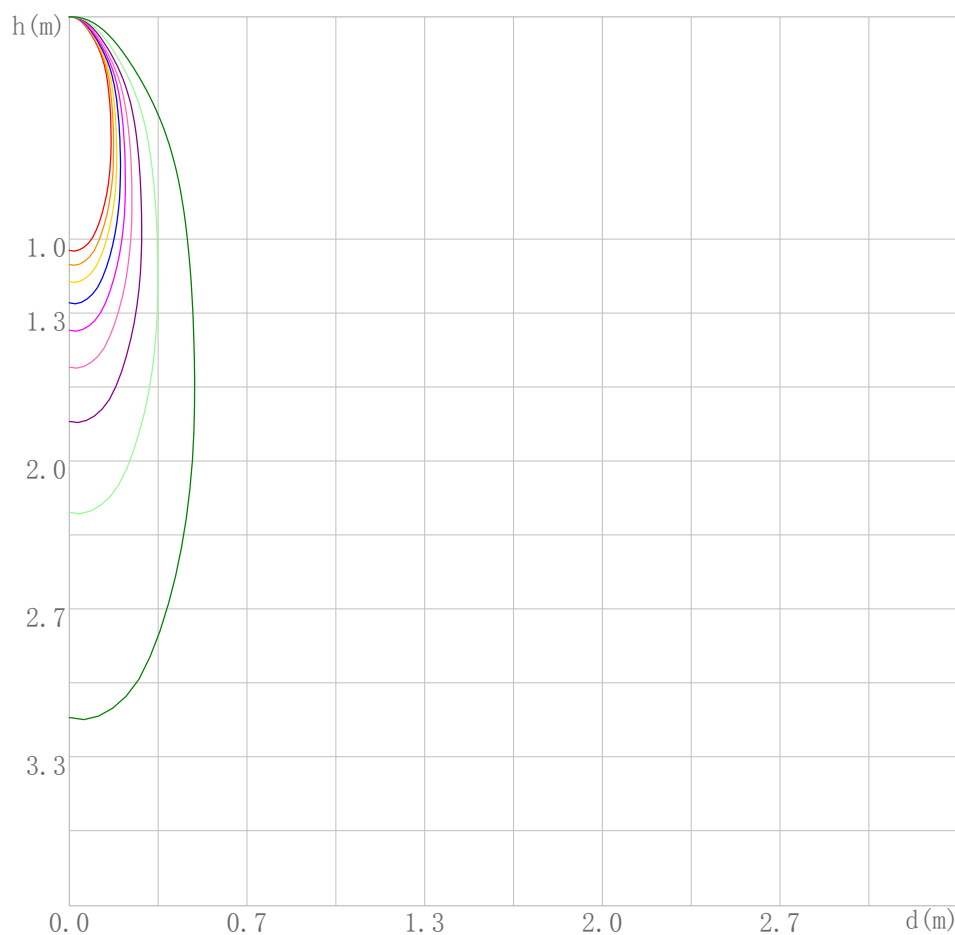


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
 View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name: MD10-13-SL-03 2700K RA97 15D	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: 2020/01/02

Space ISO Illuminance Curve



Curves:

[Unit: lx]

[EMax] =3272.557

— [EMax*90%]=2945.302

— [EMax*80%]=2618.046

— [EMax*70%]=2290.790

— [EMax*60%]=1963.534

— [EMax*50%]=1636.279

— [EMax*40%]=1309.023

— [EMax*30%]=981.767

— [EMax*20%]=654.511

— [EMax*10%]=327.256

Space Plane Maximum Illuminance and @Angle:3272.56lx,1.0deg

Plane Maximum Lighting Intensity and @Angle:3274.053cd,0deg

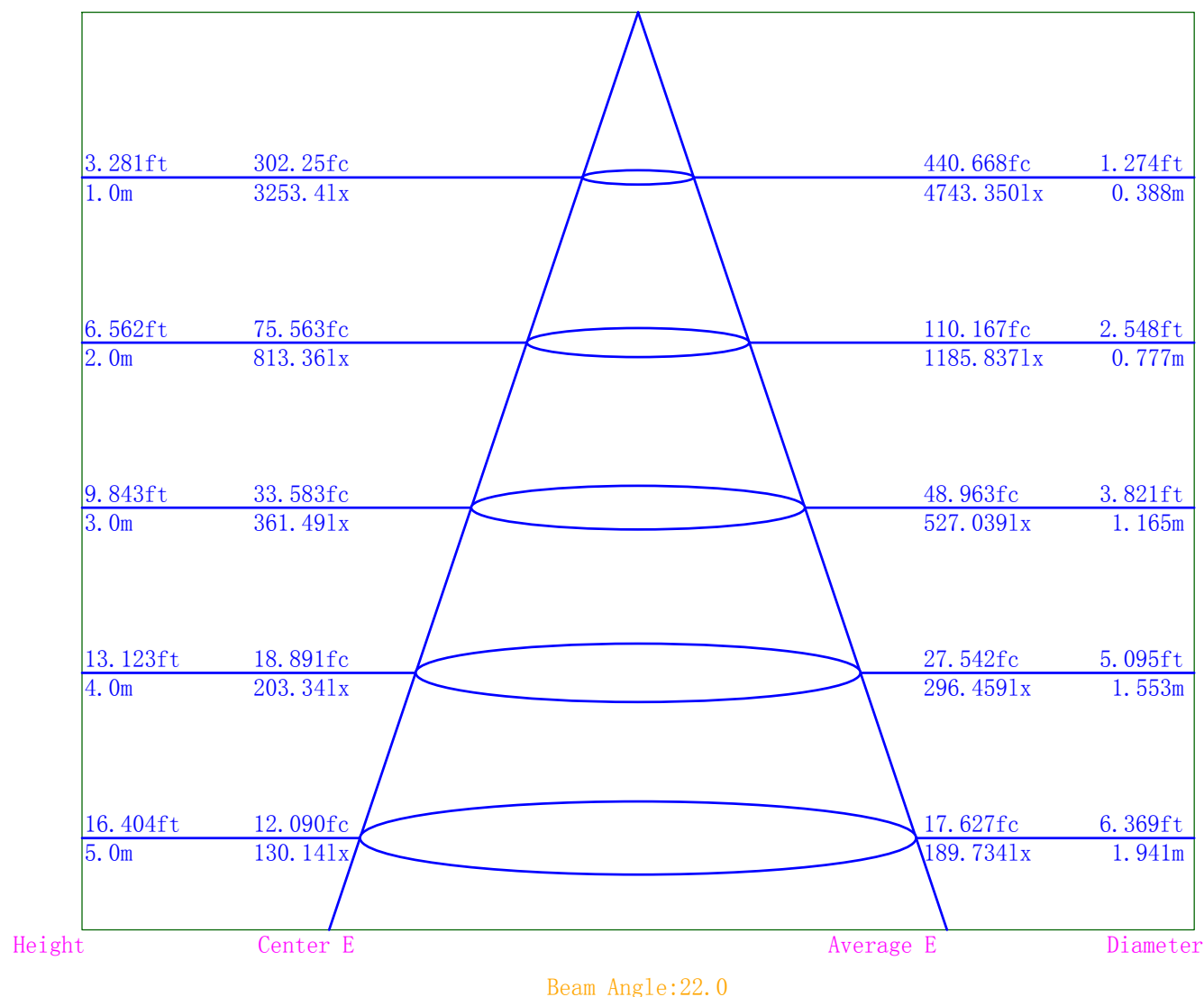
IES Indoor Report

Photometric Filename:MD10-13-SL-03 2700K RA97 15D.IES

Illuminance-Distance Diagram

Lum. Name: MD10-13-SL-03 2700K RA97 15D	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: 2020/01/02

Illuminance-Distance Curve



IES Indoor Report

Photometric Filename:MD10-13-SL-03 2700K RA97 15D.IES

Indoor Luminance Limiting Curves

Lum. Name: MD10-13-SL-03 2700K RA97 15D	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: 2020/01/02

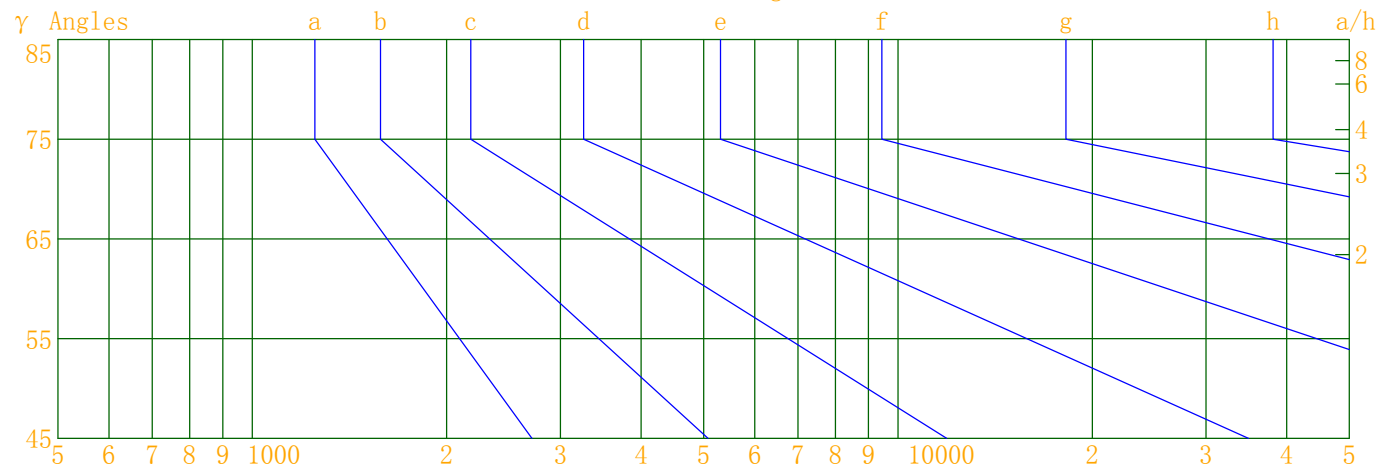
Glare Grade Table

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	146	106	84	71	64	61	62	70	98
C90	127	91	71	60	55	52	54	61	83

Luminance Limiting Curve



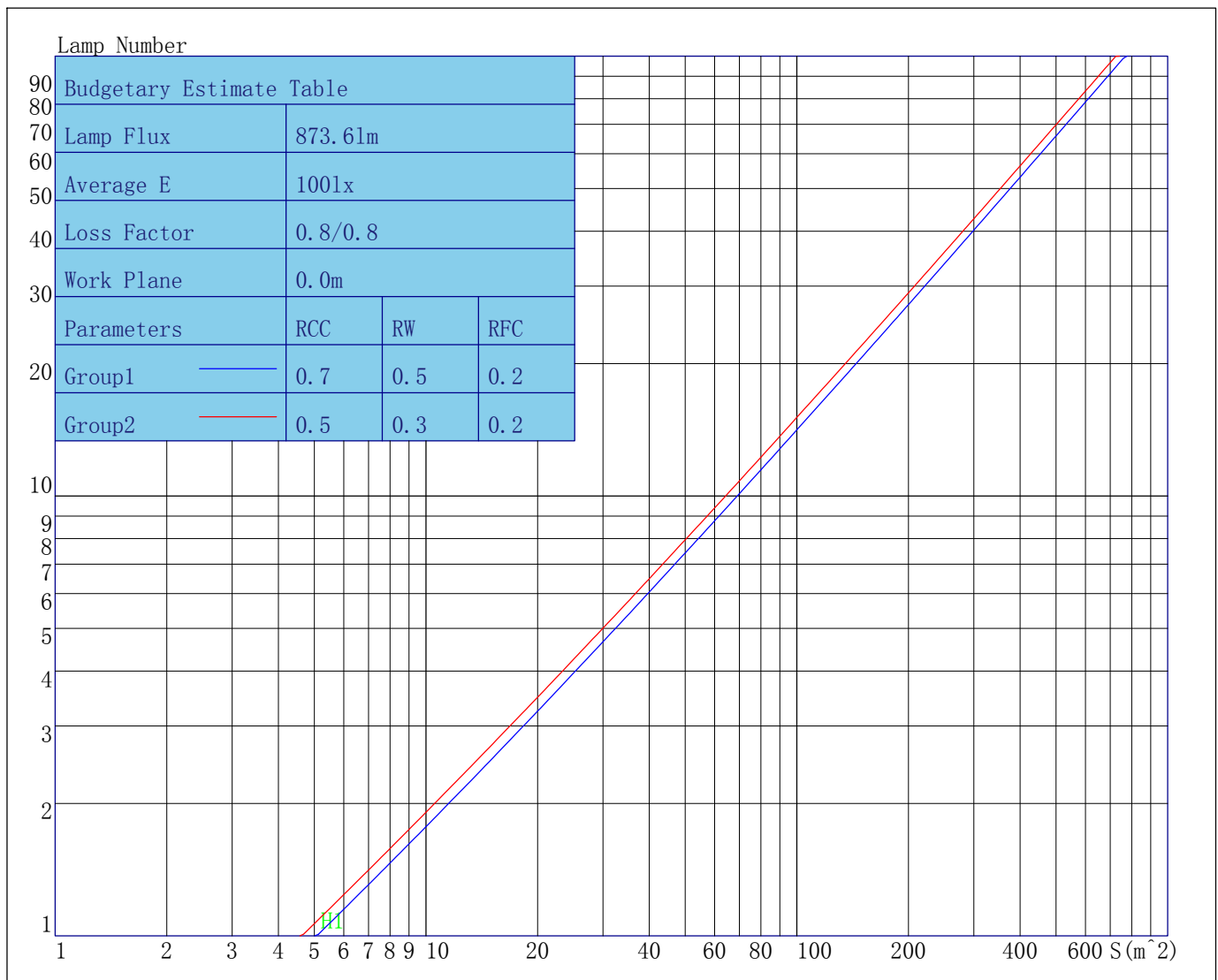
Luminous Size: Length(m)=0.498 Width(m)=0.498 Height(m)=0.650 Area(m^2)=0.571704
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename:MD10-13-SL-03 2700K RA97 15D.IES

Indoor Budgetary Estimate Table

Lum. Name: MD10-13-SL-03 2700K RA97 15D	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: 2020/01/02



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

IES Indoor Report

Photometric Filename:MD10-13-SL-03 2700K RA97 15D.IES

Indoor Coefficient of Utilization Table

Lum. Name: MD10-13-SL-03 2700K RA97 15D	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: 2020/01/02

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

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=2H to X=12H, Y=2H to Y=12H) showing Unified Glare Rating (UGR) values. Includes a section for Variations with the observer position at spacings (S=1.0H to S=2.0H) and a 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	3253.42	3253.42	3253.42	3253.42
γ 1.0	3274.05	3265.61	3199.49	3200.29
γ 2.0	3245.94	3245.78	3109.18	3109.64
γ 3.0	3179.41	3197.62	2985.15	2981.46
γ 4.0	3079.09	3097.77	2823.04	2812.12
γ 5.0	2941.71	2958.80	2632.13	2624.42
γ 6.0	2759.27	2770.42	2433.28	2425.15
γ 7.0	2558.16	2567.15	2233.48	2225.79
γ 8.0	2351.70	2358.22	2041.87	2023.92
γ 9.0	2150.36	2157.27	1860.95	1832.55
γ 10.0	1951.65	1955.30	1684.38	1643.93
γ 11.0	1760.33	1764.80	1518.91	1466.76
γ 12.0	1580.57	1578.42	1361.37	1302.62
γ 13.0	1412.30	1407.53	1212.91	1156.45
γ 14.0	1255.42	1245.15	1077.52	1025.77
γ 15.0	1114.13	1103.12	956.86	911.53
γ 16.0	988.64	975.80	850.34	808.13
γ 17.0	879.75	867.24	758.84	718.81
γ 18.0	784.12	768.93	678.17	636.88
γ 19.0	702.85	685.80	607.26	566.32
γ 20.0	631.35	610.72	544.84	501.95
γ 21.0	569.14	546.41	490.24	446.99
γ 22.0	513.72	488.36	441.76	397.60
γ 23.0	465.48	439.39	399.48	355.39
γ 24.0	422.20	395.33	361.99	317.39
γ 25.0	384.49	357.32	327.98	285.25
γ 26.0	350.52	323.49	297.38	255.87
γ 27.0	320.28	293.71	270.55	230.17
γ 28.0	292.56	266.40	246.13	207.09
γ 29.0	267.45	241.91	224.13	187.14
γ 30.0	244.28	219.60	203.90	168.71
γ 31.0	223.13	199.73	185.64	152.65
γ 32.0	203.60	181.11	168.80	137.67
γ 33.0	185.71	164.42	153.39	124.81
γ 34.0	168.89	148.70	139.48	112.91
γ 35.0	153.57	134.75	126.65	102.56
γ 36.0	139.19	121.75	115.13	92.90
γ 37.0	126.27	110.29	104.47	84.58
γ 38.0	114.53	99.77	94.91	76.76
γ 39.0	103.88	90.60	86.35	70.14
γ 40.0	94.21	81.93	78.58	63.93
γ 41.0	85.57	74.49	71.57	58.58
γ 42.0	77.59	67.55	65.30	53.63
γ 43.0	70.72	61.49	59.57	49.35
γ 44.0	64.45	56.03	54.56	45.47
γ 45.0	58.91	51.18	50.06	42.02
γ 46.0	53.94	46.72	46.01	38.86

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	49.51	42.87	42.35	36.15
γ 48.0	45.67	39.30	39.15	33.62
γ 49.0	42.20	36.28	36.28	31.42
γ 50.0	39.04	33.45	33.59	29.35
γ 51.0	36.33	31.00	31.28	27.59
γ 52.0	33.75	28.74	29.10	25.92
γ 53.0	31.51	26.79	27.17	24.47
γ 54.0	29.42	24.97	25.42	23.08
γ 55.0	27.59	23.40	23.75	21.90
γ 56.0	25.86	21.92	22.32	20.73
γ 57.0	24.32	20.61	20.97	19.73
γ 58.0	22.79	19.36	19.76	18.65
γ 59.0	21.49	18.28	18.58	17.70
γ 60.0	20.24	17.24	17.51	16.76
γ 61.0	19.15	16.30	16.47	15.92
γ 62.0	18.10	15.41	15.56	15.09
γ 63.0	17.14	14.60	14.70	14.37
γ 64.0	16.23	13.87	13.91	13.67
γ 65.0	15.40	13.17	13.18	13.04
γ 66.0	14.58	12.48	12.49	12.40
γ 67.0	13.86	11.89	11.82	11.85
γ 68.0	13.14	11.27	11.21	11.27
γ 69.0	12.49	10.73	10.63	10.77
γ 70.0	11.86	10.20	10.09	10.26
γ 71.0	11.27	9.71	9.56	9.80
γ 72.0	10.68	9.22	9.08	9.31
γ 73.0	10.16	8.78	8.59	8.89
γ 74.0	9.64	8.33	8.14	8.44
γ 75.0	9.15	7.92	7.69	8.04
γ 76.0	8.68	7.51	7.28	7.63
γ 77.0	8.23	7.13	6.88	7.24
γ 78.0	7.79	6.75	6.48	6.85
γ 79.0	7.37	6.40	6.11	6.47
γ 80.0	6.97	6.04	5.72	6.11
γ 81.0	6.56	5.69	5.31	5.69
γ 82.0	6.14	5.32	4.89	5.26
γ 83.0	5.70	4.88	4.50	4.92
γ 84.0	5.28	4.50	4.14	4.57
γ 85.0	4.90	4.14	3.80	4.26
γ 86.0	4.53	3.81	3.43	3.89
γ 87.0	4.20	3.53	3.19	3.71
γ 88.0	3.89	3.22	3.05	3.58
γ 89.0	3.71	3.02	2.96	3.47
γ 90.0	3.59	2.89	2.89	3.38
γ 91.0	3.50	2.81	2.80	3.28
γ 92.0	3.42	2.75	2.73	3.18
γ 93.0	3.33	2.69	2.65	3.10

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	3.25	2.63	2.60	3.02
γ 95.0	3.18	2.58	2.52	2.95
γ 96.0	3.11	2.52	2.48	2.88
γ 97.0	3.06	2.47	2.41	2.82
γ 98.0	2.99	2.43	2.37	2.75
γ 99.0	2.95	2.38	2.32	2.70
γ 100.0	2.89	2.35	2.29	2.65
γ 101.0	2.83	2.31	2.25	2.61
γ 102.0	2.79	2.28	2.21	2.57
γ 103.0	2.75	2.25	2.20	2.53
γ 104.0	2.70	2.21	2.18	2.49
γ 105.0	2.67	2.19	2.16	2.47
γ 106.0	2.63	2.17	2.14	2.44
γ 107.0	2.60	2.15	2.13	2.43
γ 108.0	2.57	2.12	2.13	2.41
γ 109.0	2.54	2.10	2.12	2.39
γ 110.0	2.50	2.08	2.12	2.38
γ 111.0	2.48	2.06	2.12	2.37
γ 112.0	2.45	2.04	2.13	2.37
γ 113.0	2.42	2.03	2.14	2.37
γ 114.0	2.41	2.01	2.15	2.36
γ 115.0	2.38	2.00	2.16	2.37
γ 116.0	2.35	1.98	2.19	2.37
γ 117.0	2.35	1.98	2.20	2.39
γ 118.0	2.33	1.96	2.23	2.41
γ 119.0	2.32	1.96	2.25	2.42
γ 120.0	2.32	1.96	2.29	2.45
γ 121.0	2.32	1.97	2.33	2.48
γ 122.0	2.32	1.99	2.37	2.51
γ 123.0	2.34	2.01	2.41	2.55
γ 124.0	2.36	2.03	2.47	2.58
γ 125.0	2.39	2.06	2.52	2.64
γ 126.0	2.42	2.10	2.59	2.70
γ 127.0	2.47	2.16	2.65	2.77
γ 128.0	2.52	2.21	2.74	2.83
γ 129.0	2.59	2.27	2.82	2.92
γ 130.0	2.65	2.36	2.92	3.01
γ 131.0	2.74	2.42	3.02	3.10
γ 132.0	2.82	2.53	3.13	3.21
γ 133.0	2.91	2.63	3.26	3.33
γ 134.0	3.01	2.75	3.39	3.46
γ 135.0	3.13	2.87	3.53	3.60
γ 136.0	3.26	2.99	3.68	3.73
γ 137.0	3.39	3.12	3.84	3.90
γ 138.0	3.53	3.29	4.01	4.05
γ 139.0	3.69	3.44	4.16	4.22
γ 140.0	3.83	3.61	4.35	4.39

IES Indoor Report

Photometric Filename:MD10-13-SL-03 2700K RA97 15D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	4.00	3.76	4.52	4.57
γ 142.0	4.15	3.94	4.70	4.74
γ 143.0	4.34	4.11	4.87	4.91
γ 144.0	4.50	4.30	5.04	5.08
γ 145.0	4.68	4.47	5.20	5.25
γ 146.0	4.84	4.64	5.38	5.40
γ 147.0	5.03	4.81	5.52	5.55
γ 148.0	5.18	4.97	5.67	5.68
γ 149.0	5.35	5.13	5.80	5.82
γ 150.0	5.49	5.28	5.93	5.93
γ 151.0	5.64	5.42	6.06	6.04
γ 152.0	5.76	5.55	6.16	6.13
γ 153.0	5.89	5.67	6.25	6.22
γ 154.0	5.98	5.80	6.33	6.29
γ 155.0	6.10	5.88	6.41	6.38
γ 156.0	6.18	5.98	6.49	6.43
γ 157.0	6.27	6.05	6.56	6.50
γ 158.0	6.34	6.14	6.62	6.54
γ 159.0	6.41	6.20	6.68	6.58
γ 160.0	6.47	6.25	6.73	6.62
γ 161.0	6.54	6.31	6.76	6.65
γ 162.0	6.57	6.35	6.80	6.66
γ 163.0	6.63	6.41	6.82	6.70
γ 164.0	6.66	6.46	6.85	6.71
γ 165.0	6.70	6.49	6.86	6.71
γ 166.0	6.73	6.53	6.88	6.72
γ 167.0	6.76	6.55	6.88	6.71
γ 168.0	6.76	6.58	6.89	6.70
γ 169.0	6.78	6.59	6.88	6.69
γ 170.0	6.78	6.61	6.87	6.66
γ 171.0	6.80	6.62	6.84	6.65
γ 172.0	6.79	6.63	6.83	6.63
γ 173.0	6.79	6.61	6.81	6.62
γ 174.0	6.77	6.63	6.81	6.61
γ 175.0	6.77	6.61	6.78	6.60
γ 176.0	6.77	6.60	6.78	6.60
γ 177.0	6.78	6.61	6.78	6.62
γ 178.0	6.77	6.61	6.79	6.64
γ 179.0	6.78	6.62	6.80	6.65
γ 180.0	6.74	6.74	6.74	6.74