

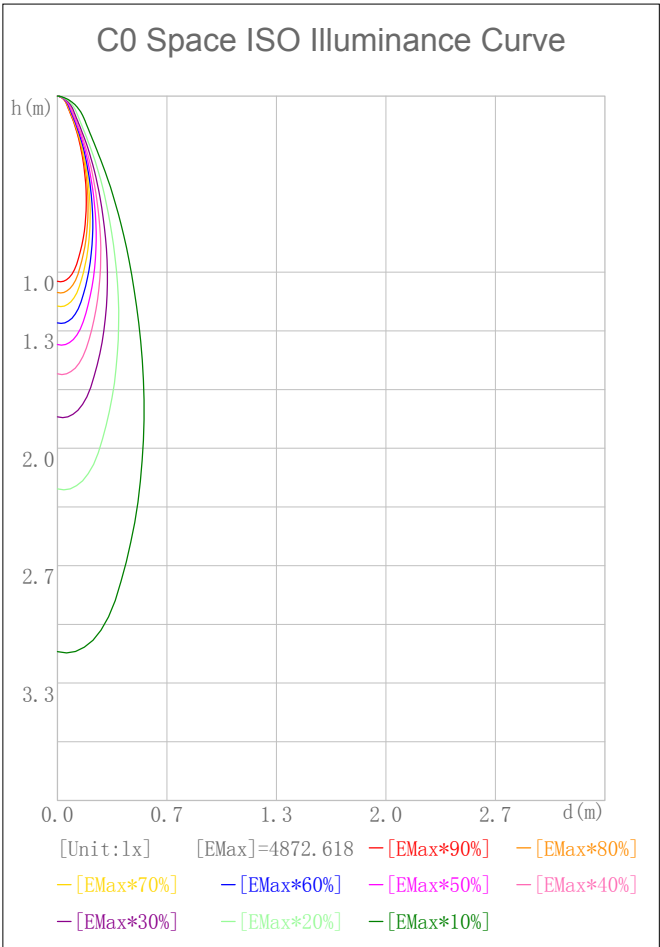
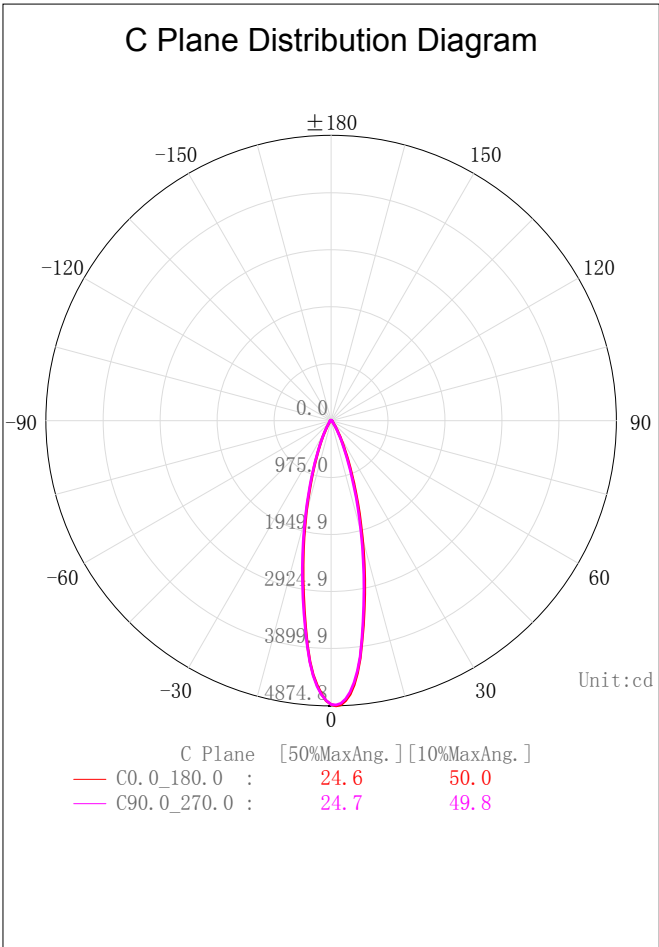
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD10-13-XX-01 4000K RA90 24D		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog: LED	Test Date: 2019/12/24
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):0.050m*0.050m*0.750m		Lum. Area (m2):0.040	Lum. W(kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp. (°C): 25	Humidity(%):

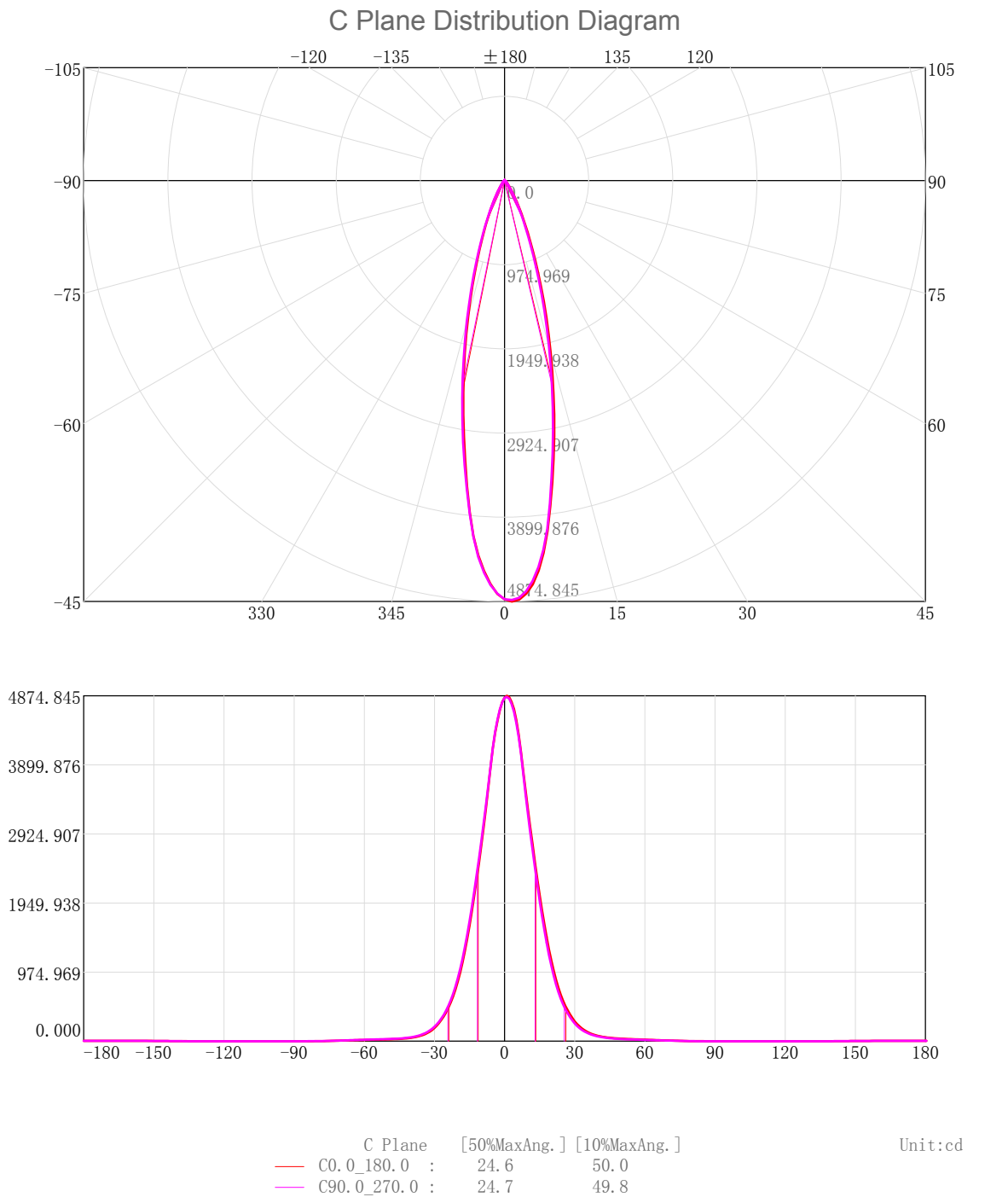
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 1265.890	Luminary Flux(lm): 1265.886	Field Angle(10%Imax): 50.0(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 1259.525lm 99.50%	
Rated Voltage(V):	Luminary EER(lm/W): 101.923	Up Lumens&Percent: 6.360lm 0.50%	
Tested Power(W): 12.420	Max. Candela(cd): 4874.845	S/MH: C0_a180=0.415 C90_270=0.414	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):240.5, 0.054	Beam Angle(50%Imax): 24.6(°)	ErP Φ use(90°): 1192.385lm	
Lamp Size(W*L*H):0.050m*0.050m*0.750m	Left=-11.3°, Right=13.3°	IRF(%): 784.543	



2D Plane Light Intensity Distribution Curve

Lum. Name: MD10-13-XX-01 4000K RA90 24D	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: 2019/12/24



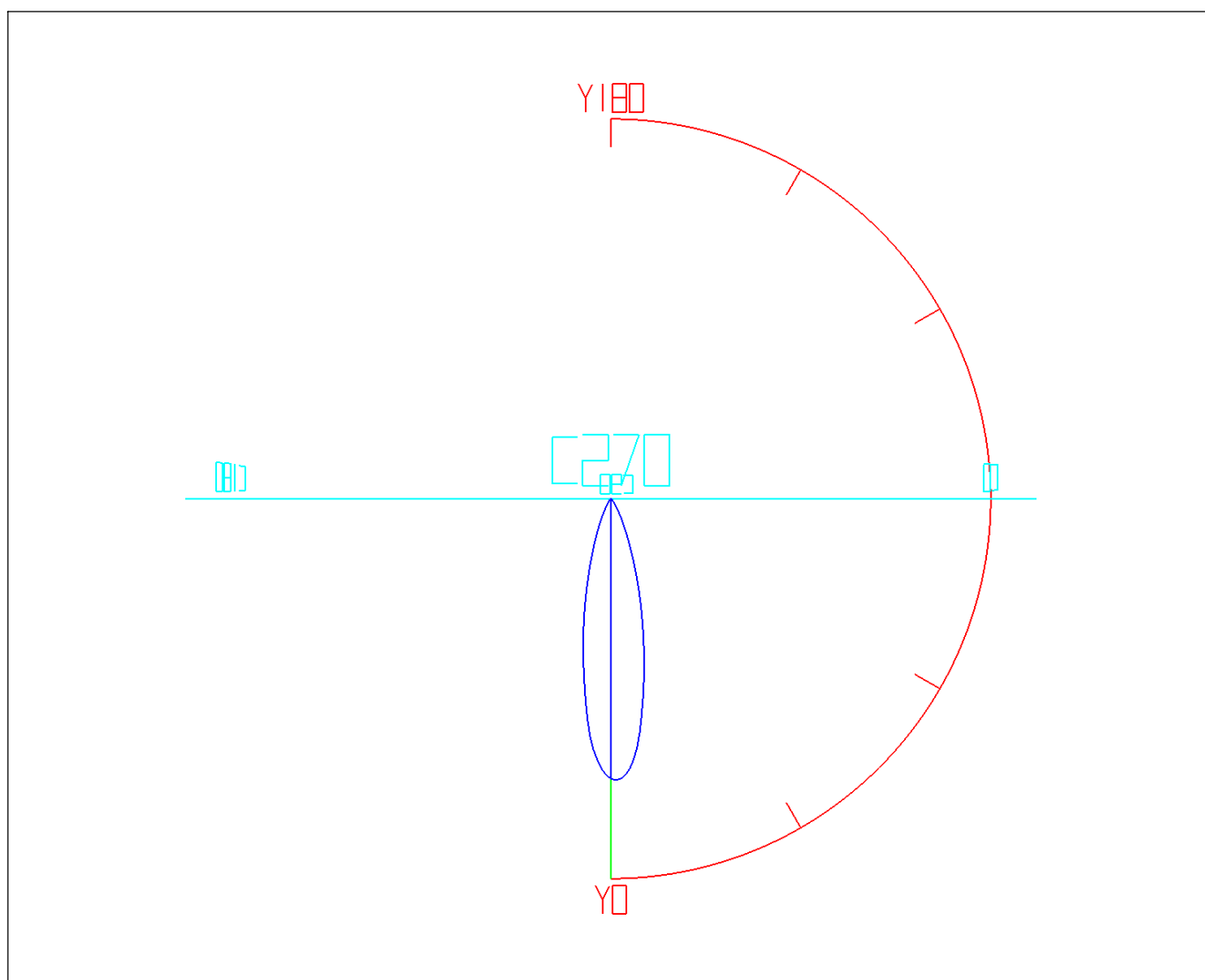
IES Indoor Report

Photometric Filename:MD10-13-XX-01 4000K RA90 24D.IES

3D Light Intensity Distribution Modal

Lum. Name: MD10-13-XX-01 4000K RA90 24D	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: 2019/12/24

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

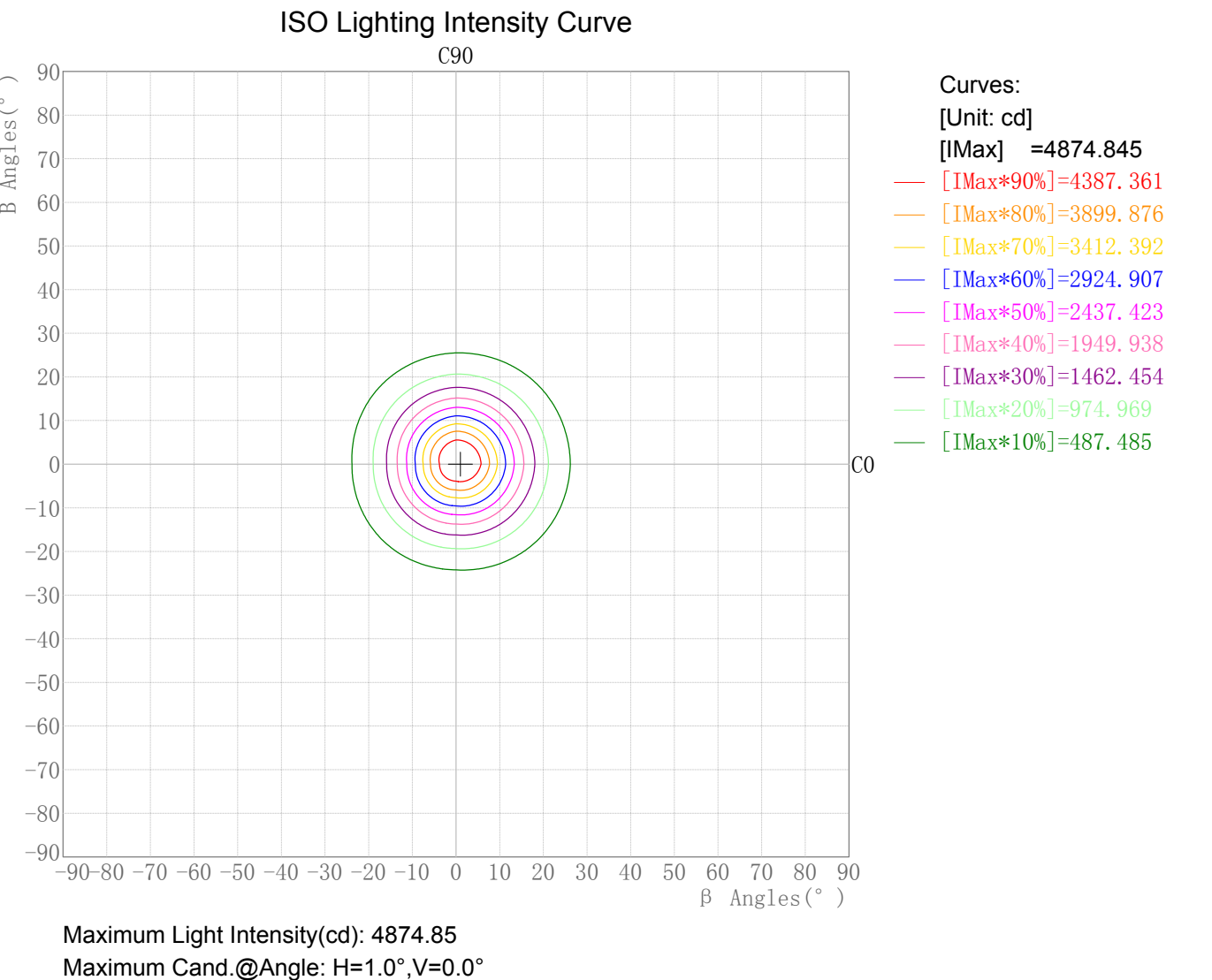
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	4.63	4.63	0.37	0.37	47.0-48.0	2.86	1210.06	0.23	95.59
1.0-2.0	13.76	18.39	1.09	1.45	48.0-49.0	2.76	1212.82	0.22	95.81
2.0-3.0	22.53	40.92	1.78	3.23	49.0-50.0	2.67	1215.50	0.21	96.02
3.0-4.0	30.70	71.61	2.42	5.66	50.0-51.0	2.59	1218.09	0.20	96.22
4.0-5.0	38.02	109.64	3.00	8.66	51.0-52.0	2.52	1220.61	0.20	96.42
5.0-6.0	44.22	153.86	3.49	12.15	52.0-53.0	2.45	1223.06	0.19	96.62
6.0-7.0	49.15	203.01	3.88	16.04	53.0-54.0	2.39	1225.45	0.19	96.81
7.0-8.0	52.77	255.78	4.17	20.21	54.0-55.0	2.32	1227.78	0.18	96.99
8.0-9.0	55.27	311.05	4.37	24.57	55.0-56.0	2.26	1230.04	0.18	97.17
9.0-10.0	56.88	367.93	4.49	29.07	56.0-57.0	2.19	1232.23	0.17	97.34
10.0-11.0	57.67	425.60	4.56	33.62	57.0-58.0	2.12	1234.35	0.17	97.51
11.0-12.0	57.65	483.25	4.55	38.17	58.0-59.0	2.05	1236.39	0.16	97.67
12.0-13.0	56.87	540.11	4.49	42.67	59.0-60.0	1.97	1238.36	0.16	97.83
13.0-14.0	55.44	595.55	4.38	47.05	60.0-61.0	1.89	1240.25	0.15	97.97
14.0-15.0	53.47	649.02	4.22	51.27	61.0-62.0	1.80	1242.05	0.14	98.12
15.0-16.0	51.04	700.06	4.03	55.30	62.0-63.0	1.72	1243.77	0.14	98.25
16.0-17.0	48.27	748.33	3.81	59.12	63.0-64.0	1.63	1245.39	0.13	98.38
17.0-18.0	45.22	793.55	3.57	62.69	64.0-65.0	1.54	1246.93	0.12	98.50
18.0-19.0	41.94	835.49	3.31	66.00	65.0-66.0	1.44	1248.37	0.11	98.62
19.0-20.0	38.57	874.06	3.05	69.05	66.0-67.0	1.35	1249.72	0.11	98.72
20.0-21.0	35.27	909.33	2.79	71.83	67.0-68.0	1.26	1250.97	0.10	98.82
21.0-22.0	32.12	941.45	2.54	74.37	68.0-69.0	1.16	1252.13	0.09	98.91
22.0-23.0	29.14	970.59	2.30	76.67	69.0-70.0	1.07	1253.20	0.08	99.00
23.0-24.0	26.36	996.95	2.08	78.76	70.0-71.0	0.97	1254.18	0.08	99.07
24.0-25.0	23.77	1020.72	1.88	80.63	71.0-72.0	0.88	1255.05	0.07	99.14
25.0-26.0	21.36	1042.08	1.69	82.32	72.0-73.0	0.78	1255.84	0.06	99.21
26.0-27.0	19.13	1061.21	1.51	83.83	73.0-74.0	0.69	1256.53	0.05	99.26
27.0-28.0	17.09	1078.30	1.35	85.18	74.0-75.0	0.59	1257.12	0.05	99.31
28.0-29.0	15.21	1093.51	1.20	86.38	75.0-76.0	0.49	1257.61	0.04	99.35
29.0-30.0	13.48	1106.99	1.06	87.45	76.0-77.0	0.39	1258.00	0.03	99.38
30.0-31.0	11.93	1118.92	0.94	88.39	77.0-78.0	0.31	1258.31	0.02	99.40
31.0-32.0	10.60	1129.51	0.84	89.23	78.0-79.0	0.25	1258.56	0.02	99.42
32.0-33.0	9.43	1138.94	0.74	89.97	79.0-80.0	0.20	1258.76	0.02	99.44
33.0-34.0	8.39	1147.33	0.66	90.63	80.0-81.0	0.17	1258.93	0.01	99.45
34.0-35.0	7.49	1154.82	0.59	91.23	81.0-82.0	0.15	1259.08	0.01	99.46
35.0-36.0	6.70	1161.52	0.53	91.76	82.0-83.0	0.12	1259.21	0.01	99.47
36.0-37.0	6.03	1167.55	0.48	92.23	83.0-84.0	0.10	1259.31	0.01	99.48
37.0-38.0	5.46	1173.02	0.43	92.66	84.0-85.0	0.08	1259.38	0.01	99.49
38.0-39.0	4.98	1178.00	0.39	93.06	85.0-86.0	0.06	1259.44	0.00	99.49
39.0-40.0	4.57	1182.57	0.36	93.42	86.0-87.0	0.04	1259.48	0.00	99.49
40.0-41.0	4.22	1186.79	0.33	93.75	87.0-88.0	0.03	1259.50	0.00	99.50
41.0-42.0	3.92	1190.71	0.31	94.06	88.0-89.0	0.01	1259.52	0.00	99.50
42.0-43.0	3.67	1194.38	0.29	94.35	89.0-90.0	0.01	1259.53	0.00	99.50
43.0-44.0	3.45	1197.83	0.27	94.62	90.0-91.0	0.00	1259.53	0.00	99.50
44.0-45.0	3.27	1201.10	0.26	94.88	91.0-92.0	0.00	1259.53	0.00	99.50
45.0-46.0	3.12	1204.22	0.25	95.13	92.0-93.0	0.00	1259.53	0.00	99.50
46.0-47.0	2.98	1207.20	0.24	95.36	93.0-94.0	0.00	1259.53	0.00	99.50

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	1259.53	0.00	99.50	141.0-142.0	0.12	1260.05	0.01	99.54
95.0-96.0	0.00	1259.53	0.00	99.50	142.0-143.0	0.14	1260.19	0.01	99.55
96.0-97.0	0.00	1259.53	0.00	99.50	143.0-144.0	0.15	1260.34	0.01	99.56
97.0-98.0	0.00	1259.53	0.00	99.50	144.0-145.0	0.17	1260.51	0.01	99.57
98.0-99.0	0.00	1259.53	0.00	99.50	145.0-146.0	0.18	1260.69	0.01	99.59
99.0-100.0	0.00	1259.53	0.00	99.50	146.0-147.0	0.19	1260.88	0.01	99.60
100.0-101.0	0.00	1259.53	0.00	99.50	147.0-148.0	0.20	1261.08	0.02	99.62
101.0-102.0	0.00	1259.53	0.00	99.50	148.0-149.0	0.21	1261.29	0.02	99.64
102.0-103.0	0.00	1259.53	0.00	99.50	149.0-150.0	0.22	1261.50	0.02	99.65
103.0-104.0	0.00	1259.53	0.00	99.50	150.0-151.0	0.22	1261.73	0.02	99.67
104.0-105.0	0.00	1259.53	0.00	99.50	151.0-152.0	0.23	1261.95	0.02	99.69
105.0-106.0	0.00	1259.53	0.00	99.50	152.0-153.0	0.23	1262.18	0.02	99.71
106.0-107.0	0.00	1259.53	0.00	99.50	153.0-154.0	0.23	1262.41	0.02	99.73
107.0-108.0	0.00	1259.53	0.00	99.50	154.0-155.0	0.23	1262.64	0.02	99.74
108.0-109.0	0.00	1259.53	0.00	99.50	155.0-156.0	0.23	1262.87	0.02	99.76
109.0-110.0	0.00	1259.53	0.00	99.50	156.0-157.0	0.23	1263.10	0.02	99.78
110.0-111.0	0.00	1259.53	0.00	99.50	157.0-158.0	0.22	1263.32	0.02	99.80
111.0-112.0	0.00	1259.53	0.00	99.50	158.0-159.0	0.22	1263.53	0.02	99.81
112.0-113.0	0.00	1259.53	0.00	99.50	159.0-160.0	0.21	1263.74	0.02	99.83
113.0-114.0	0.00	1259.53	0.00	99.50	160.0-161.0	0.20	1263.95	0.02	99.85
114.0-115.0	0.00	1259.53	0.00	99.50	161.0-162.0	0.20	1264.14	0.02	99.86
115.0-116.0	0.00	1259.53	0.00	99.50	162.0-163.0	0.19	1264.33	0.01	99.88
116.0-117.0	0.00	1259.53	0.00	99.50	163.0-164.0	0.18	1264.50	0.01	99.89
117.0-118.0	0.00	1259.53	0.00	99.50	164.0-165.0	0.17	1264.67	0.01	99.90
118.0-119.0	0.00	1259.53	0.00	99.50	165.0-166.0	0.16	1264.83	0.01	99.92
119.0-120.0	0.00	1259.53	0.00	99.50	166.0-167.0	0.15	1264.97	0.01	99.93
120.0-121.0	0.00	1259.53	0.00	99.50	167.0-168.0	0.14	1265.11	0.01	99.94
121.0-122.0	0.00	1259.53	0.00	99.50	168.0-169.0	0.12	1265.24	0.01	99.95
122.0-123.0	0.00	1259.53	0.00	99.50	169.0-170.0	0.11	1265.35	0.01	99.96
123.0-124.0	0.00	1259.53	0.00	99.50	170.0-171.0	0.10	1265.45	0.01	99.97
124.0-125.0	0.00	1259.53	0.00	99.50	171.0-172.0	0.09	1265.54	0.01	99.97
125.0-126.0	0.00	1259.53	0.00	99.50	172.0-173.0	0.08	1265.62	0.01	99.98
126.0-127.0	0.00	1259.53	0.00	99.50	173.0-174.0	0.07	1265.69	0.01	99.98
127.0-128.0	0.00	1259.53	0.00	99.50	174.0-175.0	0.06	1265.75	0.00	99.99
128.0-129.0	0.00	1259.53	0.00	99.50	175.0-176.0	0.05	1265.80	0.00	99.99
129.0-130.0	0.00	1259.53	0.00	99.50	176.0-177.0	0.04	1265.84	0.00	100.00
130.0-131.0	0.00	1259.53	0.00	99.50	177.0-178.0	0.03	1265.86	0.00	100.00
131.0-132.0	0.00	1259.53	0.00	99.50	178.0-179.0	0.02	1265.88	0.00	100.00
132.0-133.0	0.00	1259.53	0.00	99.50	179.0-180.0	0.01	1265.89	0.00	100.00
133.0-134.0	0.01	1259.54	0.00	99.50					
134.0-135.0	0.02	1259.56	0.00	99.50					
135.0-136.0	0.03	1259.59	0.00	99.50					
136.0-137.0	0.04	1259.62	0.00	99.51					
137.0-138.0	0.05	1259.67	0.00	99.51					
138.0-139.0	0.07	1259.74	0.01	99.51					
139.0-140.0	0.09	1259.83	0.01	99.52					
140.0-141.0	0.10	1259.93	0.01	99.53					

Rectangle ISO Lighting Intensity Diagram

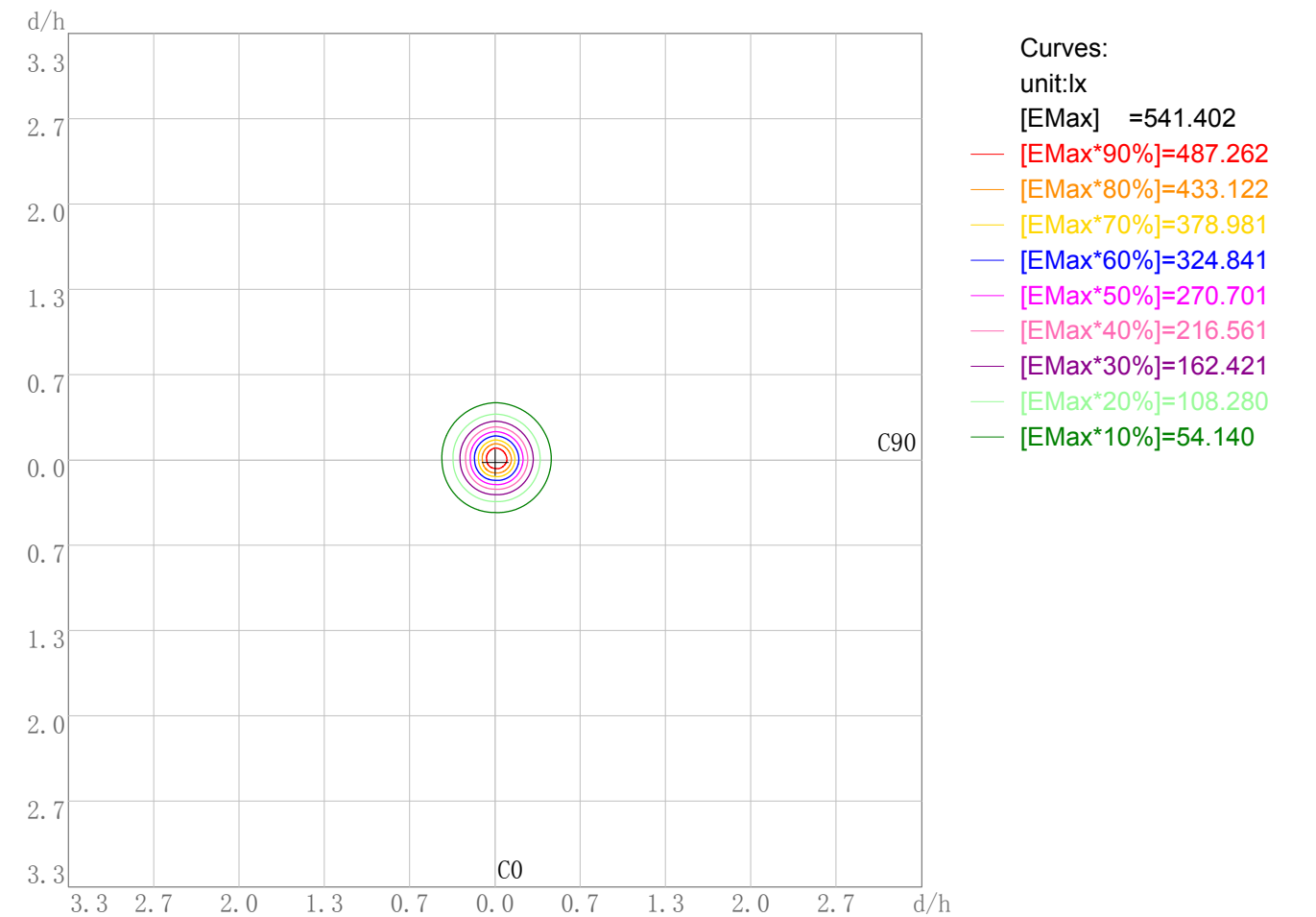
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Lamp Name:	Lamp Catalog: LED	Test Lab: Quality peatment
Manufacture: Shenzhen Norming Lighting Co., Ltd	Test Machine:GON-2000	Test Date: 2019/12/24



Plane ISO-Illuminance Diagram

Lum. Name:MD10-13-XX-01 4000K RA90 24D	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: 2019/12/24

Plane ISO-Illuminance Curve



Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 541.40
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

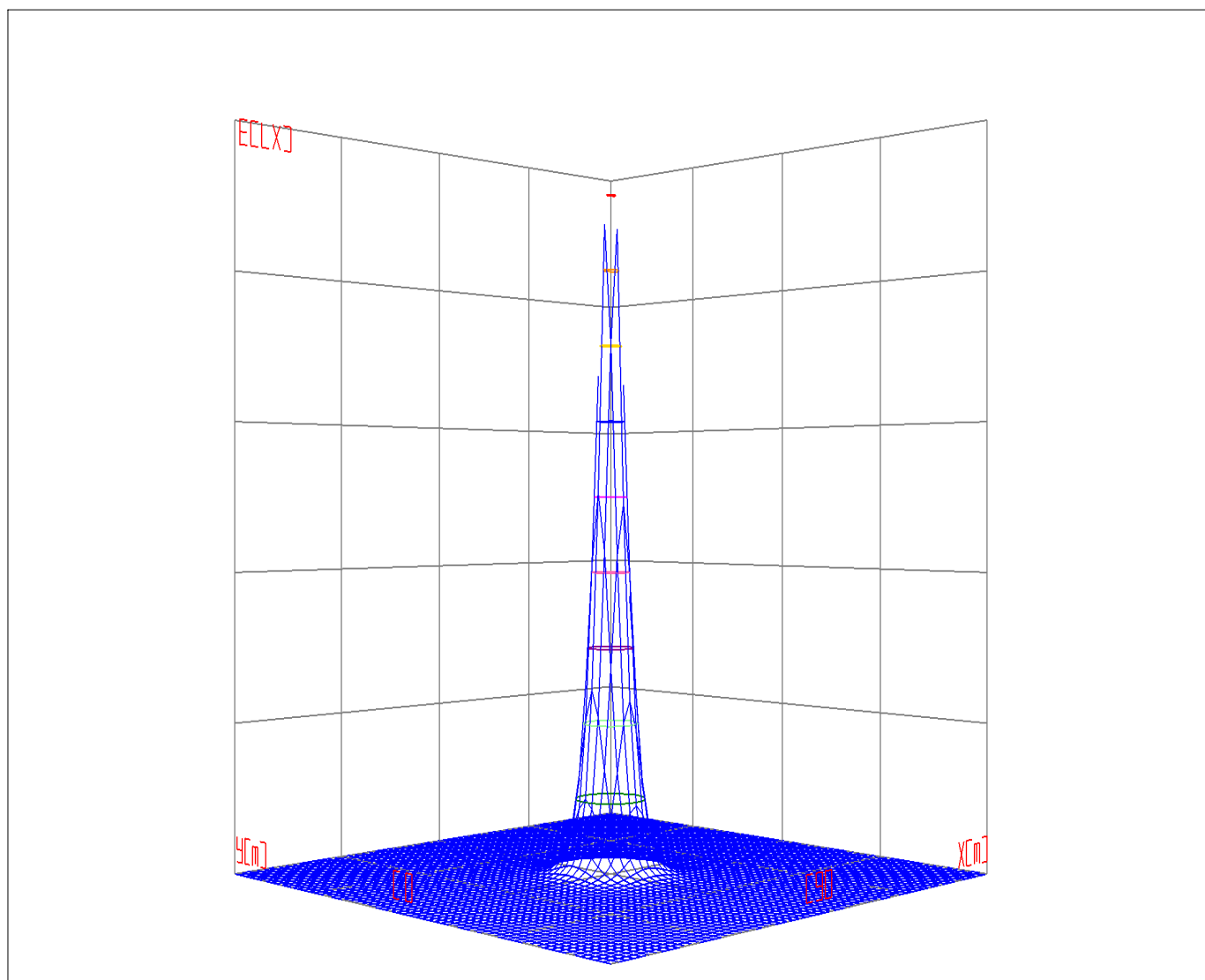
IES Indoor Report

Photometric Filename:MD10-13-XX-01 4000K RA90 24D.IES

3D Plane ISO Illuminance Diagram

Lum. Name: MD10-13-XX-01 4000K RA90 24D	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: 2019/12/24

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

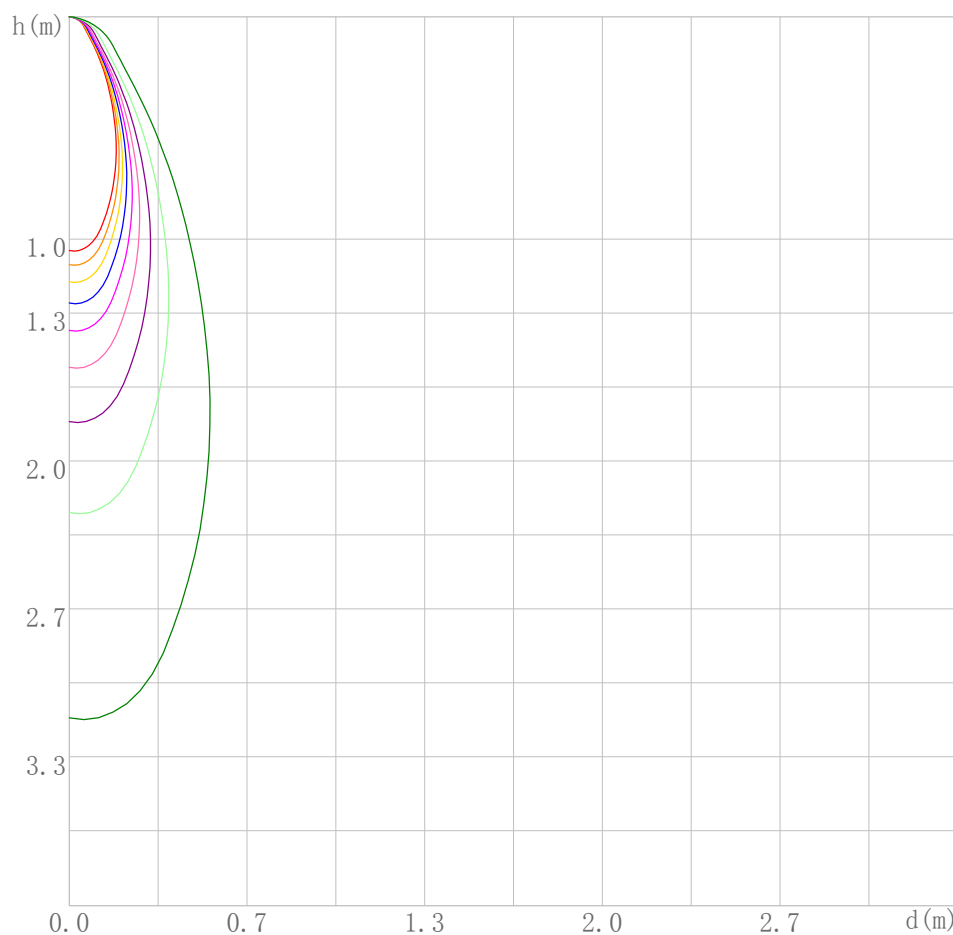
IES Indoor Report

Photometric Filename:MD10-13-XX-01 4000K RA90 24D.IES

Space ISO Illuminance Diagram

Lum. Name: MD10-13-XX-01 4000K RA90 24D	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: 2019/12/24

Space ISO Illuminance Curve



Curves:

[Unit: lx]

[EMax] =4872.618

— [EMax*90%]=4385.356

— [EMax*80%]=3898.095

— [EMax*70%]=3410.833

— [EMax*60%]=2923.571

— [EMax*50%]=2436.309

— [EMax*40%]=1949.047

— [EMax*30%]=1461.785

— [EMax*20%]=974.524

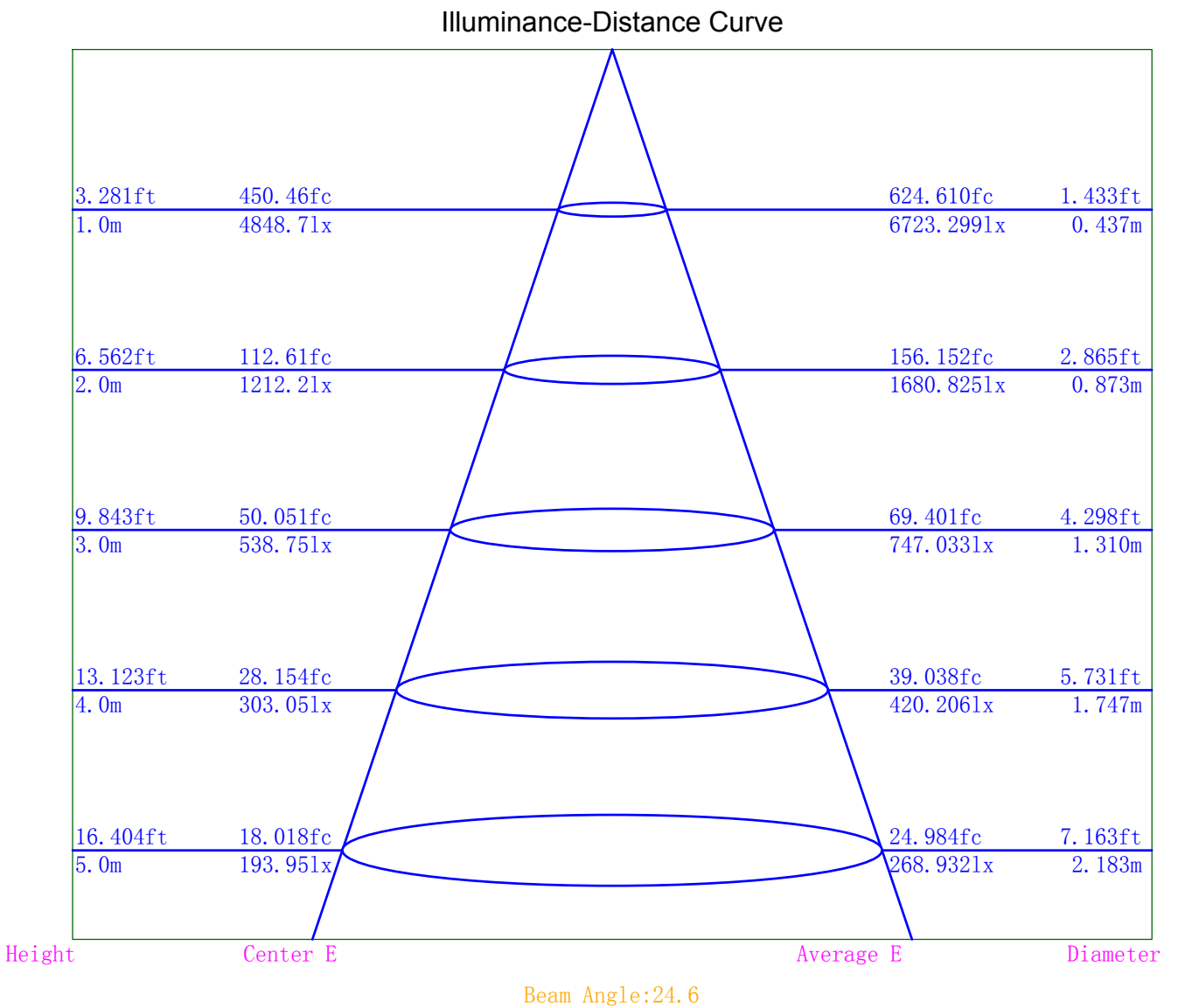
— [EMax*10%]=487.262

Space Plane Maximum Illuminance and @Angle:4872.62lx,1.0deg

Plane Maximum Lighting Intensity and @Angle:4874.845cd,0deg

Illuminance-Distance Diagram

Lum. Name:MD10-13-XX-01 4000K RA90 24D	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:2019/12/24



IES Indoor Report

Photometric Filename:MD10-13-XX-01 4000K RA90 24D.IES

Indoor Luminance Limiting Curves

Lum. Name: MD10-13-XX-01 4000K RA90 24D	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: 2019/12/24

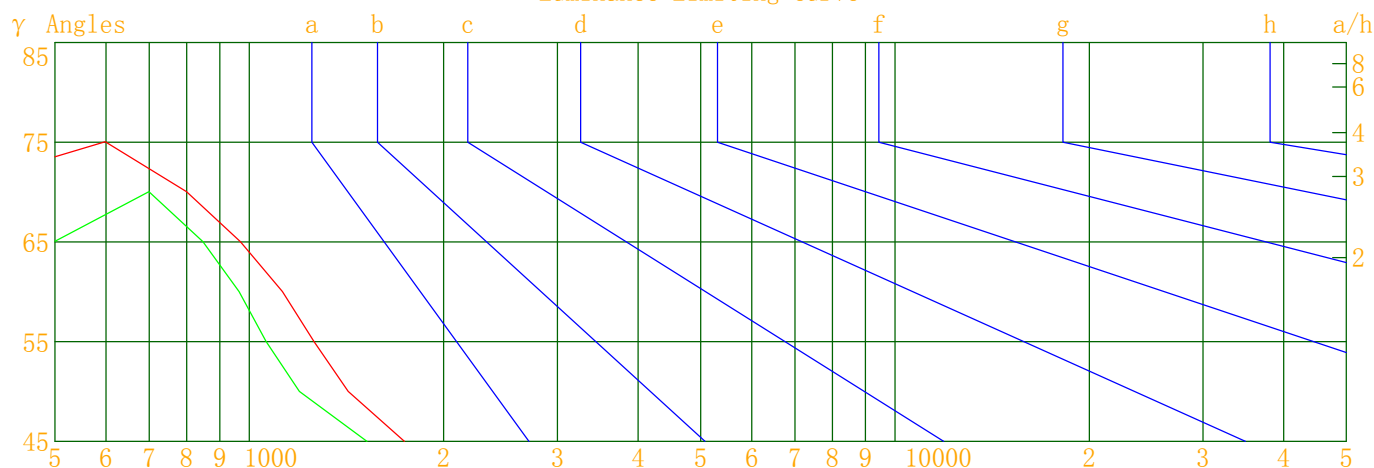
Glare Grade Table

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	1738	1423	1259	1125	968	799	598	332	326
C90	1521	1196	1062	964	847	699	499	181	86

Luminance Limiting Curve



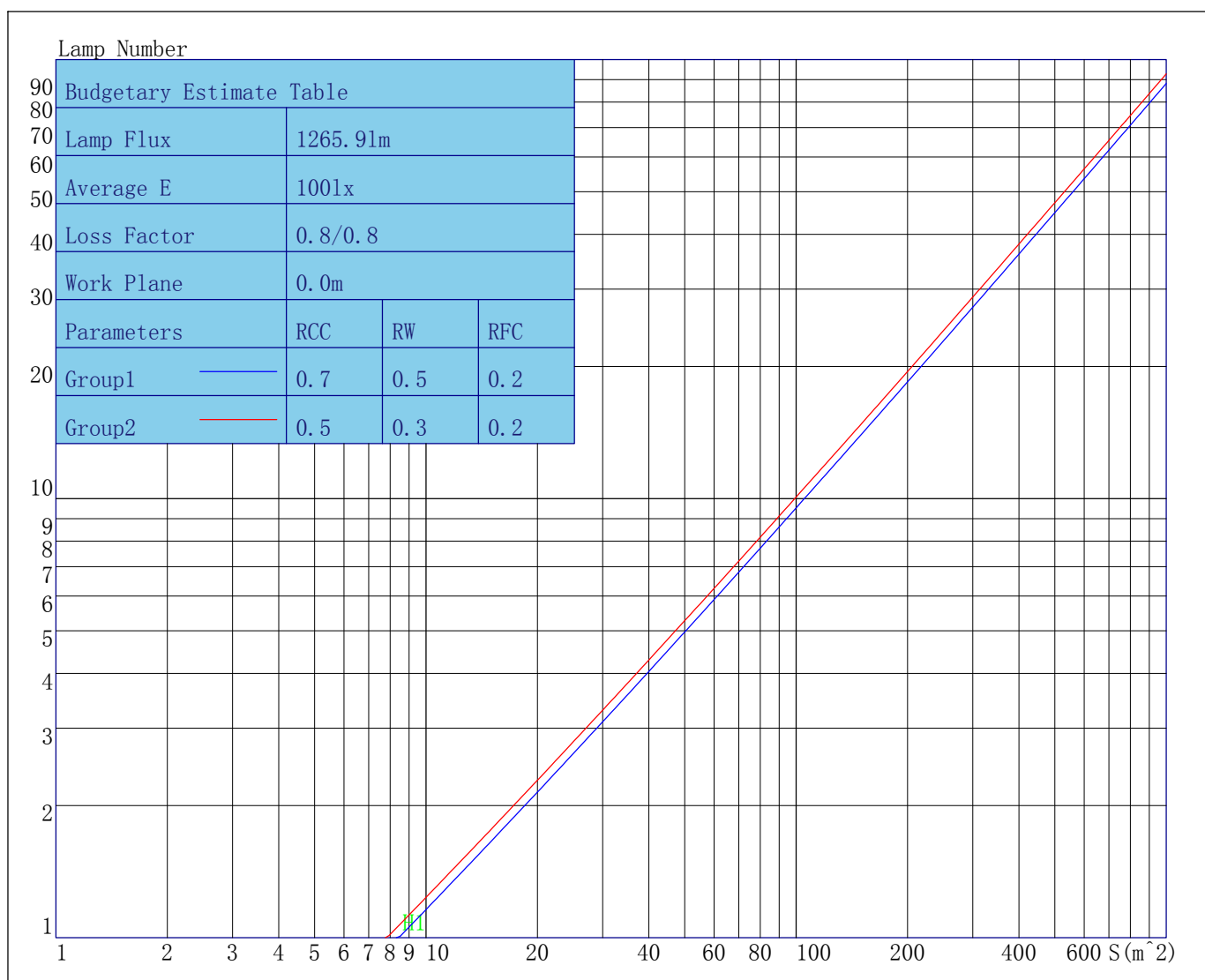
Luminous Size: Length(m)=0.050 Width(m)=0.050 Height(m)=0.750 Area(m^2)=0.040000
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: — C90-C270 Color: —

IES Indoor Report

Photometric Filename:MD10-13-XX-01 4000K RA90 24D.IES

Indoor Budgetary Estimate Table

Lum. Name: MD10-13-XX-01 4000K RA90 24D	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: 2019/12/24



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: MD10-13-XX-01 4000K RA90 24D	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: 2019/12/24

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	114	112	110	108	112	110	108	106	106	104	103	102	101	100	98	97	97	95
2	110	106	102	99	108	104	101	98	101	98	96	98	96	94	95	93	92	90
3	106	100	96	93	104	99	95	92	96	93	91	94	91	89	92	90	88	86
4	102	96	91	88	100	94	90	87	92	89	86	90	87	85	89	86	84	83
5	98	91	87	83	97	90	86	83	89	85	82	87	84	81	86	83	81	79
6	95	88	83	79	93	87	82	79	85	81	79	84	81	78	83	80	77	76
7	92	84	79	76	90	84	79	76	82	78	75	81	78	75	80	77	75	74
8	89	81	76	73	88	81	76	73	80	76	73	79	75	72	78	75	72	71
9	86	78	74	71	85	78	73	70	77	73	70	76	73	70	75	72	70	69
10	83	76	71	68	82	75	71	68	75	71	68	74	70	68	73	70	68	67

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), plus a section for variations with observer position and UGR table details.

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	4848.73	4848.73	4848.73	4848.73
γ 1.0	4874.85	4856.73	4787.16	4782.25
γ 2.0	4855.96	4833.85	4674.37	4686.98
γ 3.0	4789.98	4760.44	4527.21	4546.84
γ 4.0	4687.46	4649.51	4350.96	4368.81
γ 5.0	4533.09	4491.22	4132.36	4142.29
γ 6.0	4333.39	4298.82	3858.20	3871.79
γ 7.0	4089.52	4063.92	3564.25	3594.69
γ 8.0	3809.43	3773.37	3274.63	3324.06
γ 9.0	3540.16	3481.16	3005.85	3067.84
γ 10.0	3273.52	3209.59	2752.81	2812.61
γ 11.0	3020.24	2943.26	2504.43	2568.25
γ 12.0	2768.37	2687.68	2269.10	2332.31
γ 13.0	2518.81	2442.41	2044.64	2104.25
γ 14.0	2284.77	2210.53	1829.31	1889.48
γ 15.0	2065.88	1983.60	1626.90	1690.09
γ 16.0	1853.06	1772.25	1441.53	1499.81
γ 17.0	1658.19	1576.62	1269.83	1326.82
γ 18.0	1472.18	1390.24	1112.26	1164.20
γ 19.0	1296.33	1217.33	968.55	1020.33
γ 20.0	1137.56	1062.69	840.17	887.18
γ 21.0	995.64	924.42	728.74	771.54
γ 22.0	869.12	802.07	631.97	669.49
γ 23.0	757.15	695.87	548.72	580.72
γ 24.0	658.96	603.90	475.04	502.30
γ 25.0	573.95	523.32	409.42	434.51
γ 26.0	499.23	453.53	351.80	373.61
γ 27.0	434.70	392.26	301.62	321.03
γ 28.0	377.69	338.80	257.66	275.74
γ 29.0	327.52	291.93	219.18	237.12
γ 30.0	280.15	250.54	186.59	203.78
γ 31.0	243.56	215.72	158.72	175.45
γ 32.0	212.32	186.63	135.82	151.31
γ 33.0	183.94	161.78	116.91	131.28
γ 34.0	159.70	140.89	100.68	114.18
γ 35.0	138.82	122.90	87.59	99.70
γ 36.0	121.42	107.54	76.48	87.46
γ 37.0	106.84	94.87	67.66	77.33
γ 38.0	94.76	84.09	60.19	68.97
γ 39.0	84.60	75.11	54.17	62.16
γ 40.0	75.80	67.42	48.91	56.37
γ 41.0	68.41	60.99	44.38	51.66
γ 42.0	62.27	55.63	40.72	47.48
γ 43.0	57.16	50.83	37.69	44.14
γ 44.0	52.97	46.60	35.30	41.31
γ 45.0	49.17	43.03	33.23	38.96
γ 46.0	45.95	39.84	31.59	36.99

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	43.14	37.11	29.98	35.23
γ 48.0	40.75	34.74	28.54	33.78
γ 49.0	38.54	32.64	27.48	32.47
γ 50.0	36.59	30.74	26.48	31.27
γ 51.0	34.88	29.25	25.61	30.29
γ 52.0	33.21	27.78	24.81	29.33
γ 53.0	31.70	26.49	24.07	28.27
γ 54.0	30.26	25.46	23.28	27.29
γ 55.0	28.89	24.36	22.54	26.25
γ 56.0	27.56	23.24	21.70	25.30
γ 57.0	26.34	22.24	20.94	24.23
γ 58.0	25.04	21.32	20.10	23.20
γ 59.0	23.77	20.23	19.17	22.22
γ 60.0	22.51	19.28	18.23	21.19
γ 61.0	21.22	18.25	17.37	20.12
γ 62.0	19.98	17.35	16.44	18.99
γ 63.0	18.77	16.32	15.52	17.81
γ 64.0	17.50	15.32	14.57	16.75
γ 65.0	16.37	14.32	13.62	15.65
γ 66.0	15.19	13.32	12.69	14.49
γ 67.0	14.12	12.38	11.74	13.37
γ 68.0	13.04	11.43	10.76	12.27
γ 69.0	12.00	10.38	9.84	11.24
γ 70.0	10.94	9.57	8.88	10.21
γ 71.0	10.02	8.73	7.90	9.17
γ 72.0	9.03	7.79	6.93	8.05
γ 73.0	8.12	6.93	6.08	7.11
γ 74.0	7.06	6.05	5.04	6.00
γ 75.0	6.19	5.17	4.12	5.00
γ 76.0	5.22	4.18	3.07	4.00
γ 77.0	4.33	3.34	2.23	3.13
γ 78.0	3.45	2.43	1.77	2.52
γ 79.0	2.77	1.69	1.52	2.17
γ 80.0	2.31	1.26	1.27	1.97
γ 81.0	2.04	1.13	1.08	1.74
γ 82.0	1.80	0.89	0.86	1.51
γ 83.0	1.59	0.64	0.63	1.26
γ 84.0	1.35	0.45	0.38	1.02
γ 85.0	1.14	0.30	0.16	0.80
γ 86.0	0.93	0.18	0.01	0.62
γ 87.0	0.75	0.00	0.00	0.39
γ 88.0	0.54	0.00	0.00	0.16
γ 89.0	0.36	0.00	0.00	0.00
γ 90.0	0.17	0.00	0.00	0.00
γ 91.0	0.10	0.00	0.00	0.00
γ 92.0	0.00	0.00	0.00	0.00
γ 93.0	0.00	0.00	0.00	0.00

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	0.00	0.00	0.00	0.00
γ 95.0	0.00	0.00	0.00	0.00
γ 96.0	0.00	0.00	0.00	0.00
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	0.00
γ 123.0	0.00	0.00	0.00	0.00
γ 124.0	0.00	0.00	0.00	0.00
γ 125.0	0.00	0.00	0.00	0.00
γ 126.0	0.00	0.00	0.00	0.00
γ 127.0	0.00	0.00	0.00	0.00
γ 128.0	0.00	0.00	0.00	0.00
γ 129.0	0.00	0.00	0.00	0.00
γ 130.0	0.00	0.00	0.00	0.00
γ 131.0	0.00	0.00	0.00	0.00
γ 132.0	0.00	0.00	0.01	0.00
γ 133.0	0.00	0.00	0.21	0.02
γ 134.0	0.00	0.00	0.47	0.25
γ 135.0	0.00	0.00	0.69	0.49
γ 136.0	0.00	0.00	0.96	0.68
γ 137.0	0.00	0.05	1.17	0.94
γ 138.0	0.29	0.19	1.41	1.25
γ 139.0	0.46	0.54	1.77	1.61
γ 140.0	0.76	0.78	2.09	1.88

IES Indoor Report

Photometric Filename:MD10-13-XX-01 4000K RA90 24D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	1.01	1.03	2.37	2.10
γ 142.0	1.31	1.29	2.64	2.37
γ 143.0	1.51	1.63	2.87	2.65
γ 144.0	1.84	1.95	3.17	2.93
γ 145.0	2.17	2.18	3.53	3.23
γ 146.0	2.42	2.38	3.67	3.44
γ 147.0	2.71	2.77	3.95	3.72
γ 148.0	2.98	3.04	4.22	3.96
γ 149.0	3.28	3.28	4.39	4.10
γ 150.0	3.45	3.50	4.63	4.34
γ 151.0	3.77	3.68	4.90	4.57
γ 152.0	3.99	3.95	5.00	4.73
γ 153.0	4.17	4.19	5.22	4.89
γ 154.0	4.38	4.39	5.38	5.04
γ 155.0	4.60	4.58	5.51	5.18
γ 156.0	4.76	4.71	5.60	5.28
γ 157.0	4.93	4.78	5.77	5.43
γ 158.0	5.11	4.89	5.78	5.51
γ 159.0	5.23	5.05	5.94	5.59
γ 160.0	5.24	5.13	5.97	5.60
γ 161.0	5.46	5.28	6.08	5.63
γ 162.0	5.44	5.32	6.02	5.63
γ 163.0	5.55	5.39	6.02	5.64
γ 164.0	5.60	5.37	6.11	5.64
γ 165.0	5.68	5.47	6.12	5.66
γ 166.0	5.68	5.48	6.05	5.68
γ 167.0	5.67	5.58	6.03	5.70
γ 168.0	5.74	5.51	5.99	5.64
γ 169.0	5.68	5.56	6.01	5.59
γ 170.0	5.65	5.55	5.95	5.48
γ 171.0	5.69	5.51	5.90	5.44
γ 172.0	5.67	5.58	5.84	5.47
γ 173.0	5.69	5.55	5.86	5.39
γ 174.0	5.64	5.49	5.85	5.36
γ 175.0	5.60	5.45	5.85	5.39
γ 176.0	5.70	5.52	5.77	5.47
γ 177.0	5.66	5.56	5.84	5.54
γ 178.0	5.65	5.55	5.80	5.58
γ 179.0	5.72	5.53	5.91	5.55
γ 180.0	5.69	5.69	5.69	5.69