

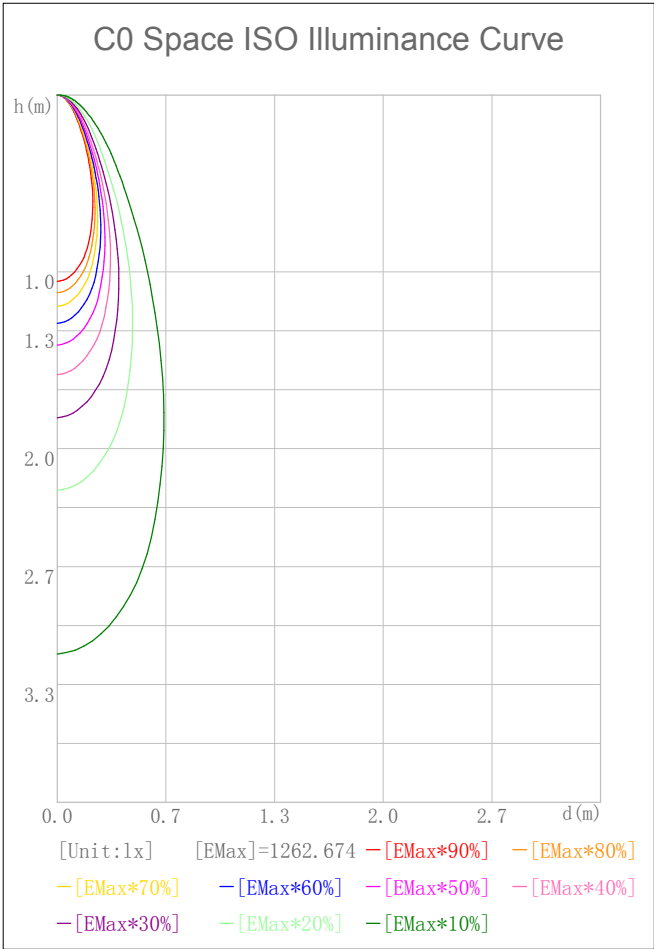
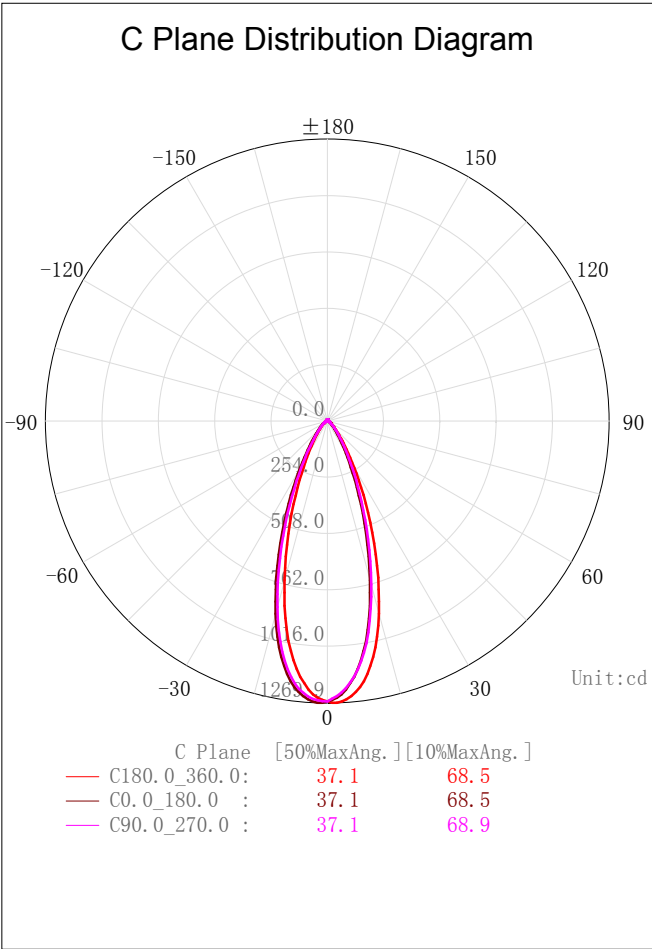
Indoor Luminaire Photometric Data

Description Information

Luminary Name: MD12-09-XX-01 RA90 36D 3000K		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog: LED	Test Date: 2019/04/16
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):0.050m*0.050m*0.045m		Lum.Area(m2):0.005	Lum.W(kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp.(°C): 25	Humidity(%): 50.0

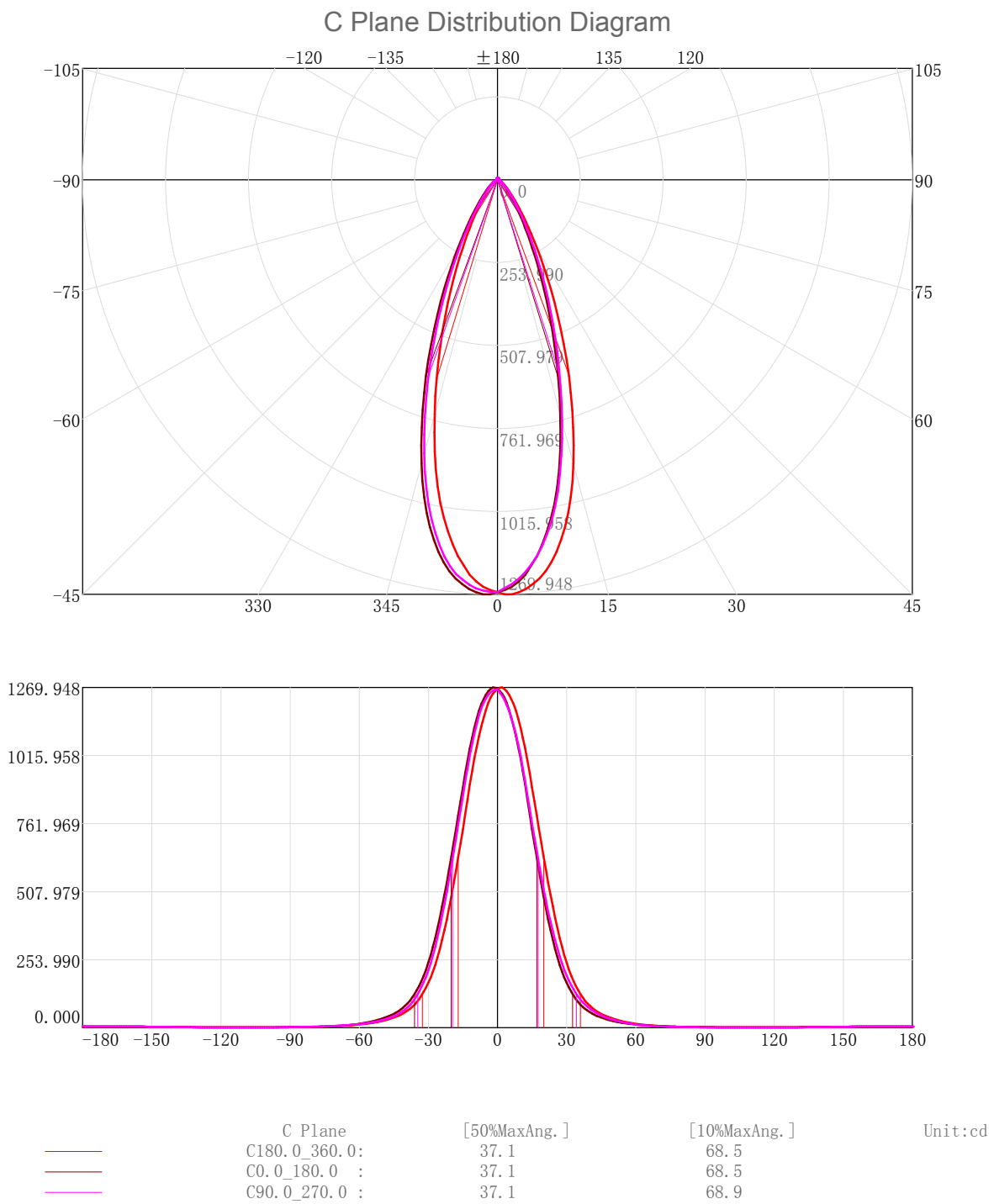
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 830.000	Luminary Flux(lm): 664.829	Field Angle(10%Imax): 68.5(°)	
Rated Power(W):	Luminary Efficiency: 80.10%	Down Lumens&Percent: 647.905lm 97.45%	
Rated Voltage(V):	Luminary EER(lm/W): 74.191	Up Lumens&Percent: 16.923lm 2.55%	
Tested Power(W): 8.961	Max. Candela(cd): 1269.948	S/MH: C0_a180=0.608 C90_270=0.604	
Lamps' Inside: 1	Max Cand@Ang.(°): C=180.0 γ=2.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):240.4, 0.040, 0.911	Beam Angle(50%Imax): 37.1(°)	ErP Φuse(90°): 601.922lm	
Lamp Size(W*L*H):0.050m*0.050m*0.045m	Left=-17.0°, Right=20.1°	IRF(%): 454.691	



2D Plane Light Intensity Distribution Curve

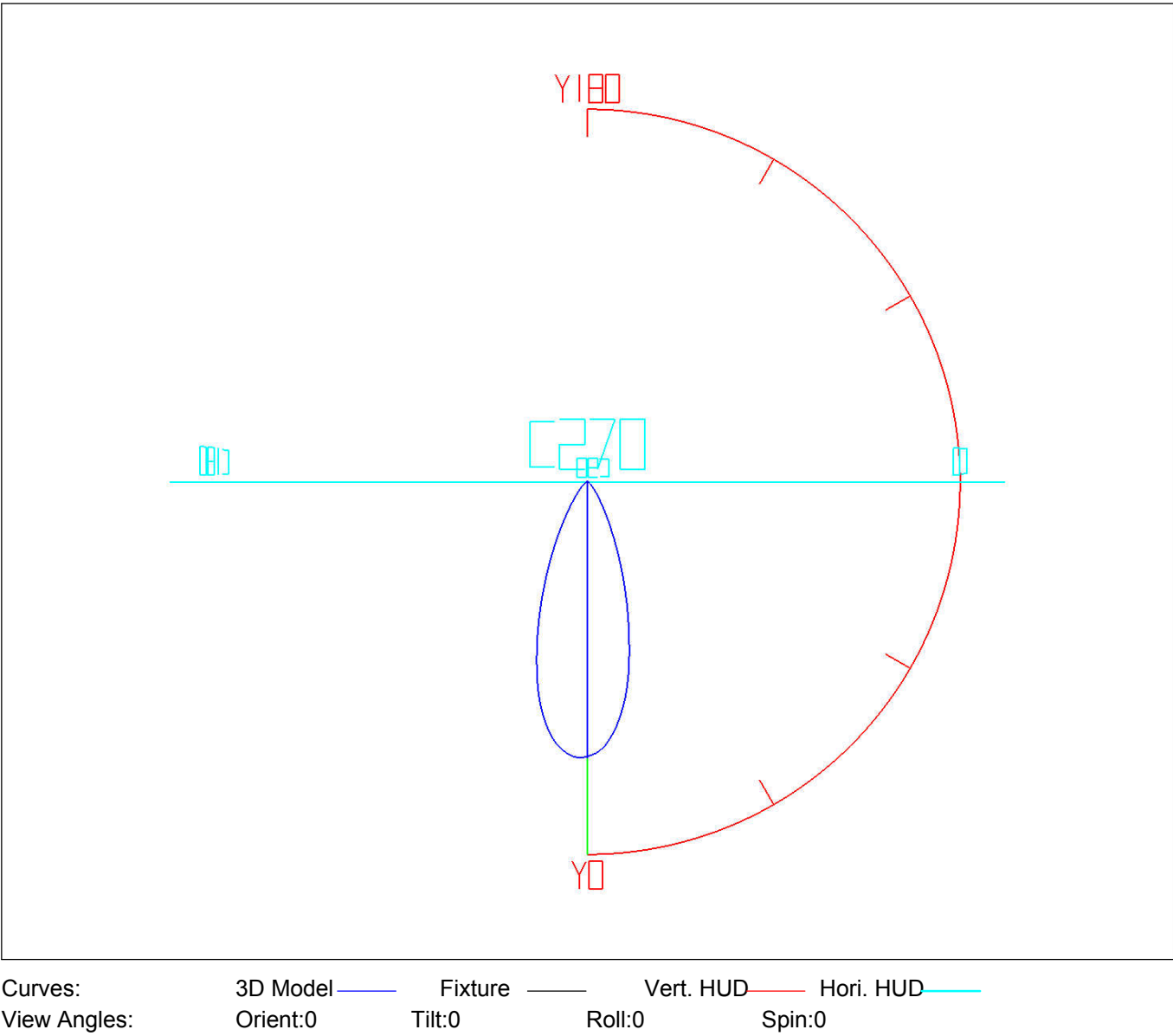
Lum. Name:MD12-09-XX-01 RA90 36D 3000K	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quaality Department
Manufacture:Shenzhen Norming Lighting Co.,Ltd	Test Machine:GON-2000	Test Date:2019/04/16



3D Light Intensity Distribution Modal

Lum. Name:MD12-09-XX-01 RA90 36D 3000K	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quaality Department
Manufacture:Shenzhen Norming Lighting Co.,Ltd	Test Machine:GON-2000	Test Date:2019/04/16

3D Light Intensity Distribution Modal



Photometric Filename:MD12-09-XX-01 RA90 36D 3000K.IES

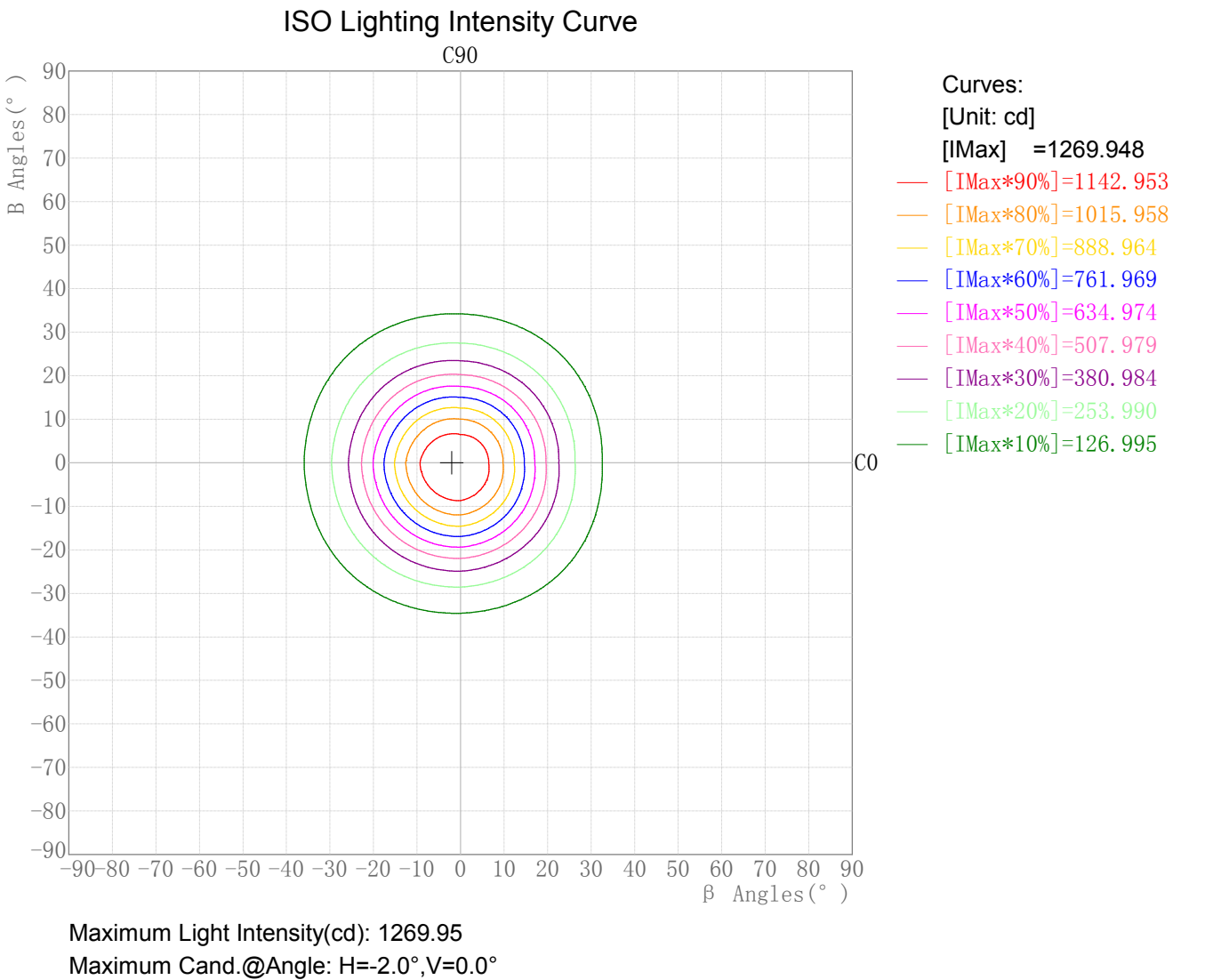
Zone(γ)	Zone Flux (1m)	Sums Flux (1m)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (1m)	Sums Flux (1m)	Zone%Lamp	Sums%Lamp
0.0-1.0	1.21	1.21	0.15	0.15	47.0-48.0	2.99	604.94	0.36	72.88
1.0-2.0	3.61	4.81	0.43	0.58	48.0-49.0	2.80	607.74	0.34	73.22
2.0-3.0	5.97	10.78	0.72	1.30	49.0-50.0	2.63	610.37	0.32	73.54
3.0-4.0	8.27	19.06	1.00	2.30	50.0-51.0	2.46	612.83	0.30	73.83
4.0-5.0	10.49	29.55	1.26	3.56	51.0-52.0	2.31	615.13	0.28	74.11
5.0-6.0	12.61	42.16	1.52	5.08	52.0-53.0	2.16	617.29	0.26	74.37
6.0-7.0	14.60	56.76	1.76	6.84	53.0-54.0	2.02	619.32	0.24	74.62
7.0-8.0	16.43	73.19	1.98	8.82	54.0-55.0	1.89	621.21	0.23	74.84
8.0-9.0	18.08	91.26	2.18	11.00	55.0-56.0	1.77	622.98	0.21	75.06
9.0-10.0	19.53	110.79	2.35	13.35	56.0-57.0	1.66	624.64	0.20	75.26
10.0-11.0	20.75	131.54	2.50	15.85	57.0-58.0	1.56	626.20	0.19	75.45
11.0-12.0	21.74	153.28	2.62	18.47	58.0-59.0	1.46	627.66	0.18	75.62
12.0-13.0	22.47	175.74	2.71	21.17	59.0-60.0	1.36	629.02	0.16	75.79
13.0-14.0	22.95	198.69	2.76	23.94	60.0-61.0	1.26	630.28	0.15	75.94
14.0-15.0	23.18	221.87	2.79	26.73	61.0-62.0	1.18	631.46	0.14	76.08
15.0-16.0	23.18	245.05	2.79	29.52	62.0-63.0	1.10	632.56	0.13	76.21
16.0-17.0	23.00	268.05	2.77	32.30	63.0-64.0	1.03	633.59	0.12	76.34
17.0-18.0	22.66	290.72	2.73	35.03	64.0-65.0	0.97	634.57	0.12	76.45
18.0-19.0	22.15	312.87	2.67	37.69	65.0-66.0	0.92	635.49	0.11	76.56
19.0-20.0	21.50	334.37	2.59	40.29	66.0-67.0	0.87	636.36	0.11	76.67
20.0-21.0	20.74	355.11	2.50	42.78	67.0-68.0	0.83	637.19	0.10	76.77
21.0-22.0	19.87	374.98	2.39	45.18	68.0-69.0	0.78	637.97	0.09	76.86
22.0-23.0	18.92	393.90	2.28	47.46	69.0-70.0	0.74	638.71	0.09	76.95
23.0-24.0	17.91	411.81	2.16	49.62	70.0-71.0	0.70	639.40	0.08	77.04
24.0-25.0	16.86	428.68	2.03	51.65	71.0-72.0	0.66	640.06	0.08	77.12
25.0-26.0	15.80	444.48	1.90	53.55	72.0-73.0	0.62	640.69	0.08	77.19
26.0-27.0	14.73	459.20	1.77	55.33	73.0-74.0	0.59	641.28	0.07	77.26
27.0-28.0	13.68	472.89	1.65	56.97	74.0-75.0	0.56	641.84	0.07	77.33
28.0-29.0	12.69	485.58	1.53	58.50	75.0-76.0	0.53	642.37	0.06	77.39
29.0-30.0	11.75	497.33	1.42	59.92	76.0-77.0	0.51	642.88	0.06	77.46
30.0-31.0	10.86	508.19	1.31	61.23	77.0-78.0	0.49	643.37	0.06	77.51
31.0-32.0	10.02	518.21	1.21	62.43	78.0-79.0	0.47	643.84	0.06	77.57
32.0-33.0	9.22	527.43	1.11	63.55	79.0-80.0	0.45	644.29	0.05	77.63
33.0-34.0	8.48	535.90	1.02	64.57	80.0-81.0	0.43	644.73	0.05	77.68
34.0-35.0	7.79	543.69	0.94	65.50	81.0-82.0	0.42	645.15	0.05	77.73
35.0-36.0	7.16	550.85	0.86	66.37	82.0-83.0	0.40	645.55	0.05	77.78
36.0-37.0	6.59	557.44	0.						

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. 26	649. 25	0. 03	78. 22	141. 0-142. 0	0. 23	658. 90	0. 03	79. 38
95. 0-96. 0	0. 25	649. 50	0. 03	78. 25	142. 0-143. 0	0. 23	659. 13	0. 03	79. 41
96. 0-97. 0	0. 24	649. 74	0. 03	78. 28	143. 0-144. 0	0. 23	659. 36	0. 03	79. 44
97. 0-98. 0	0. 24	649. 98	0. 03	78. 31	144. 0-145. 0	0. 24	659. 60	0. 03	79. 47
98. 0-99. 0	0. 24	650. 21	0. 03	78. 34	145. 0-146. 0	0. 24	659. 83	0. 03	79. 50
99. 0-100. 0	0. 23	650. 44	0. 03	78. 37	146. 0-147. 0	0. 24	660. 07	0. 03	79. 53
100. 0-101. 0	0. 23	650. 67	0. 03	78. 39	147. 0-148. 0	0. 24	660. 30	0. 03	79. 55
101. 0-102. 0	0. 22	650. 89	0. 03	78. 42	148. 0-149. 0	0. 23	660. 54	0. 03	79. 58
102. 0-103. 0	0. 22	651. 11	0. 03	78. 45	149. 0-150. 0	0. 23	660. 77	0. 03	79. 61
103. 0-104. 0	0. 21	651. 32	0. 03	78. 47	150. 0-151. 0	0. 23	661. 00	0. 03	79. 64
104. 0-105. 0	0. 21	651. 53	0. 03	78. 50	151. 0-152. 0	0. 23	661. 23	0. 03	79. 67
105. 0-106. 0	0. 21	651. 74	0. 02	78. 52	152. 0-153. 0	0. 22	661. 45	0. 03	79. 69
106. 0-107. 0	0. 20	651. 94	0. 02	78. 55	153. 0-154. 0	0. 22	661. 68	0. 03	79. 72
107. 0-108. 0	0. 20	652. 14	0. 02	78. 57	154. 0-155. 0	0. 22	661. 89	0. 03	79. 75
108. 0-109. 0	0. 20	652. 34	0. 02	78. 60	155. 0-156. 0	0. 21	662. 10	0. 03	79. 77
109. 0-110. 0	0. 19	652. 54	0. 02	78. 62	156. 0-157. 0	0. 21	662. 31	0. 02	79. 80
110. 0-111. 0	0. 19	652. 73	0. 02	78. 64	157. 0-158. 0	0. 20	662. 51	0. 02	79. 82
111. 0-112. 0	0. 19	652. 92	0. 02	78. 66	158. 0-159. 0	0. 19	662. 71	0. 02	79. 84
112. 0-113. 0	0. 19	653. 11	0. 02	78. 69	159. 0-160. 0	0. 19	662. 89	0. 02	79. 87
113. 0-114. 0	0. 19	653. 30	0. 02	78. 71	160. 0-161. 0	0. 18	663. 08	0. 02	79. 89
114. 0-115. 0	0. 19	653. 48	0. 02	78. 73	161. 0-162. 0	0. 17	663. 25	0. 02	79. 91
115. 0-116. 0	0. 18	653. 67	0. 02	78. 75	162. 0-163. 0	0. 17	663. 41	0. 02	79. 93
116. 0-117. 0	0. 18	653. 85	0. 02	78. 78	163. 0-164. 0	0. 16	663. 57	0. 02	79. 95
117. 0-118. 0	0. 18	654. 03	0. 02	78. 80	164. 0-165. 0	0. 15	663. 72	0. 02	79. 97
118. 0-119. 0	0. 18	654. 22	0. 02	78. 82	165. 0-166. 0	0. 14	663. 86	0. 02	79. 98
119. 0-120. 0	0. 18	654. 40	0. 02	78. 84	166. 0-167. 0	0. 13	663. 99	0. 02	80. 00
120. 0-121. 0	0. 18	654. 58	0. 02	78. 87	167. 0-168. 0	0. 12	664. 11	0. 01	80. 01
121. 0-122. 0	0. 18	654. 77	0. 02	78. 89	168. 0-169. 0	0. 11	664. 23	0. 01	80. 03
122. 0-123. 0	0. 18	654. 95	0. 02	78. 91	169. 0-170. 0	0. 10	664. 33	0. 01	80. 04
123. 0-124. 0	0. 19	655. 13	0. 02	78. 93	170. 0-171. 0	0. 09	664. 42	0. 01	80. 05
124. 0-125. 0	0. 19	655. 32	0. 02	78. 95	171. 0-172. 0	0. 08	664. 51	0. 01	80. 06
125. 0-126. 0	0. 19	655. 51	0. 02	78. 98	172. 0-173. 0	0. 07	664. 58	0. 01	80. 07
126. 0-127. 0	0. 19	655. 70	0. 02	79. 00	173. 0-174. 0	0. 07	664. 65	0. 01	80. 08
127. 0-128. 0	0. 19	655. 89	0. 02	79. 02	174. 0-175. 0	0. 06	664. 70	0. 01	80. 08
128. 0-129. 0	0. 20	656. 09	0. 02	79. 05	175. 0-176. 0	0. 05	664. 75	0. 01	80. 09
129. 0-130. 0	0. 20	656. 29	0. 02	79. 07	176. 0-177. 0	0. 04	664. 78	0. 00	80. 09
130. 0-131. 0	0. 20	656. 49	0. 02	79. 10	177. 0-178. 0	0. 03	664. 81	0. 00	80. 10
131. 0-132. 0	0. 20	656. 69	0. 02	79. 12	178. 0-179. 0	0. 02	664. 82	0. 00	80. 10
132. 0-133. 0	0. 21	656. 90	0. 02	79. 14	179. 0-180. 0	0. 01	664. 83	0. 00	80. 10
133. 0-134. 0	0. 21	657. 11	0. 03	79. 17					
134. 0-135. 0	0. 21	657. 32	0. 03	79. 20					
135. 0-136. 0	0. 22	657. 54	0. 03	79. 22					
136. 0-137. 0	0. 22	657. 76	0. 03	79. 25					
137. 0-138. 0	0. 22	657. 98	0. 03	79. 27					
138. 0-139. 0	0. 22	658. 21	0. 03	79. 30					
139. 0-140. 0	0. 23	658. 43	0. 03	79. 33					
140. 0-141. 0	0. 23	658. 66	0. 03	79. 36					

Rectangle ISO Lighting Intensity Diagram

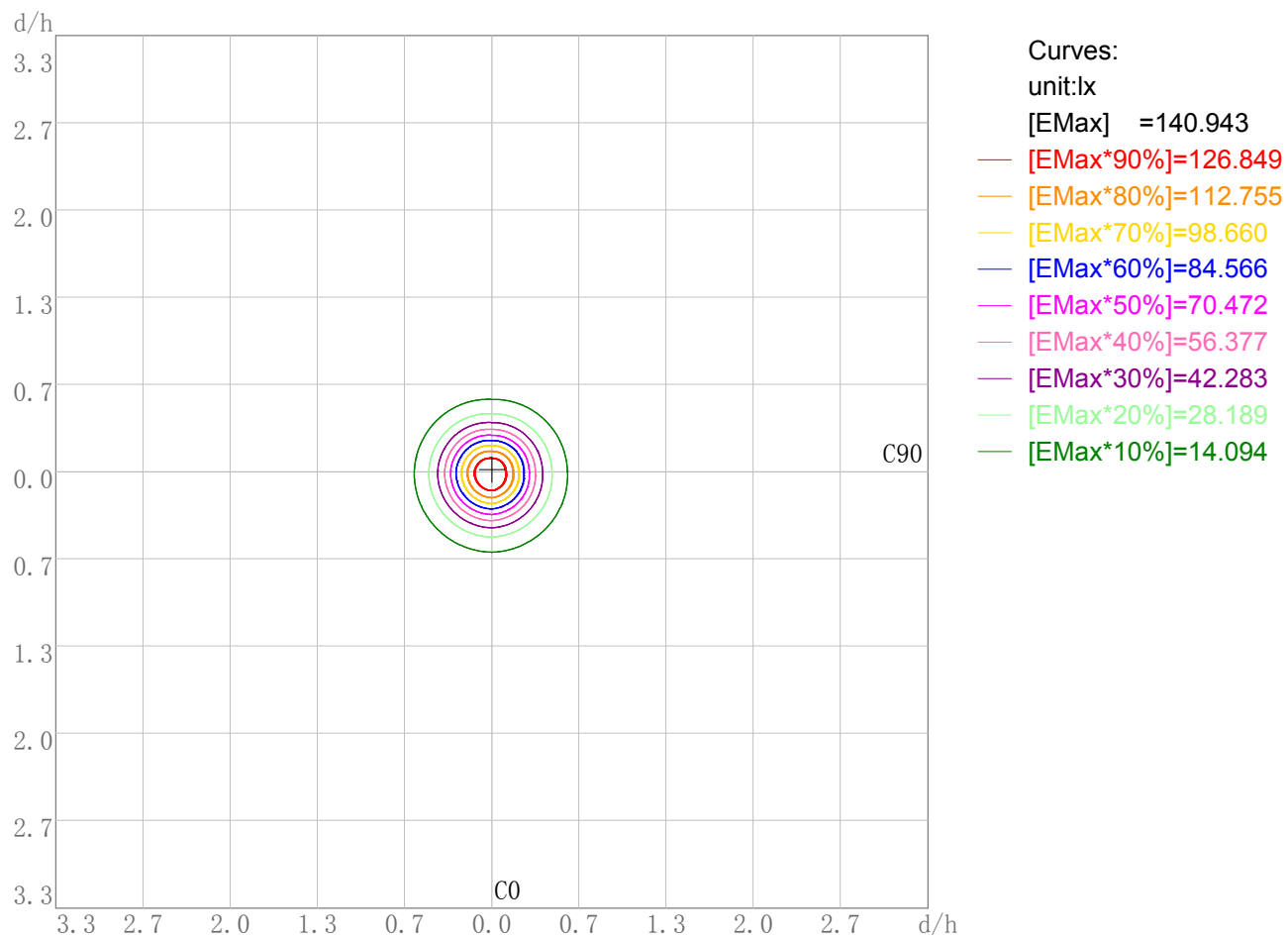
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Lamp Name:	Lamp Catelog:LED	Test Lab:Quaality Department
Manufacture:Shenzhen Norming Lighting Co.,Ltd	Test Machine:GON-2000	Test Date:2019/04/16



Plane ISO-Illuminance Diagram

Lum. Name:MD12-09-XX-01 RA90 36D 3000K	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quaality Department
Manufacture:Shenzhen Norming Lighting Co.,Ltd	Test Machine:GON-2000	Test Date:2019/04/16

Plane ISO-Illuminance Curve

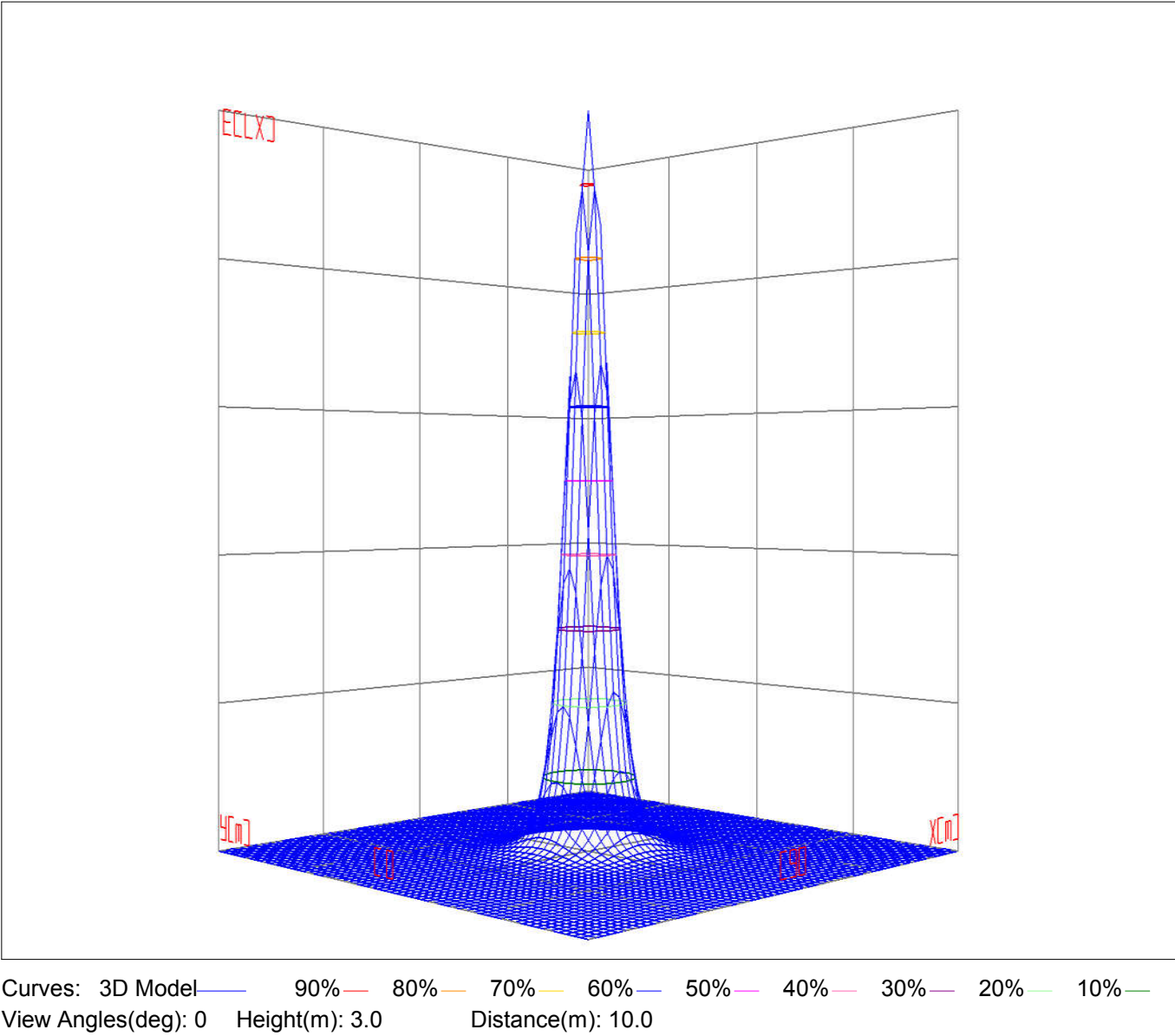


Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 140.94
Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.0

3D Plane ISO Illuminance Diagram

Lum. Name: MD12-09-XX-01 RA90 36D 3000K	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: 2019/04/16

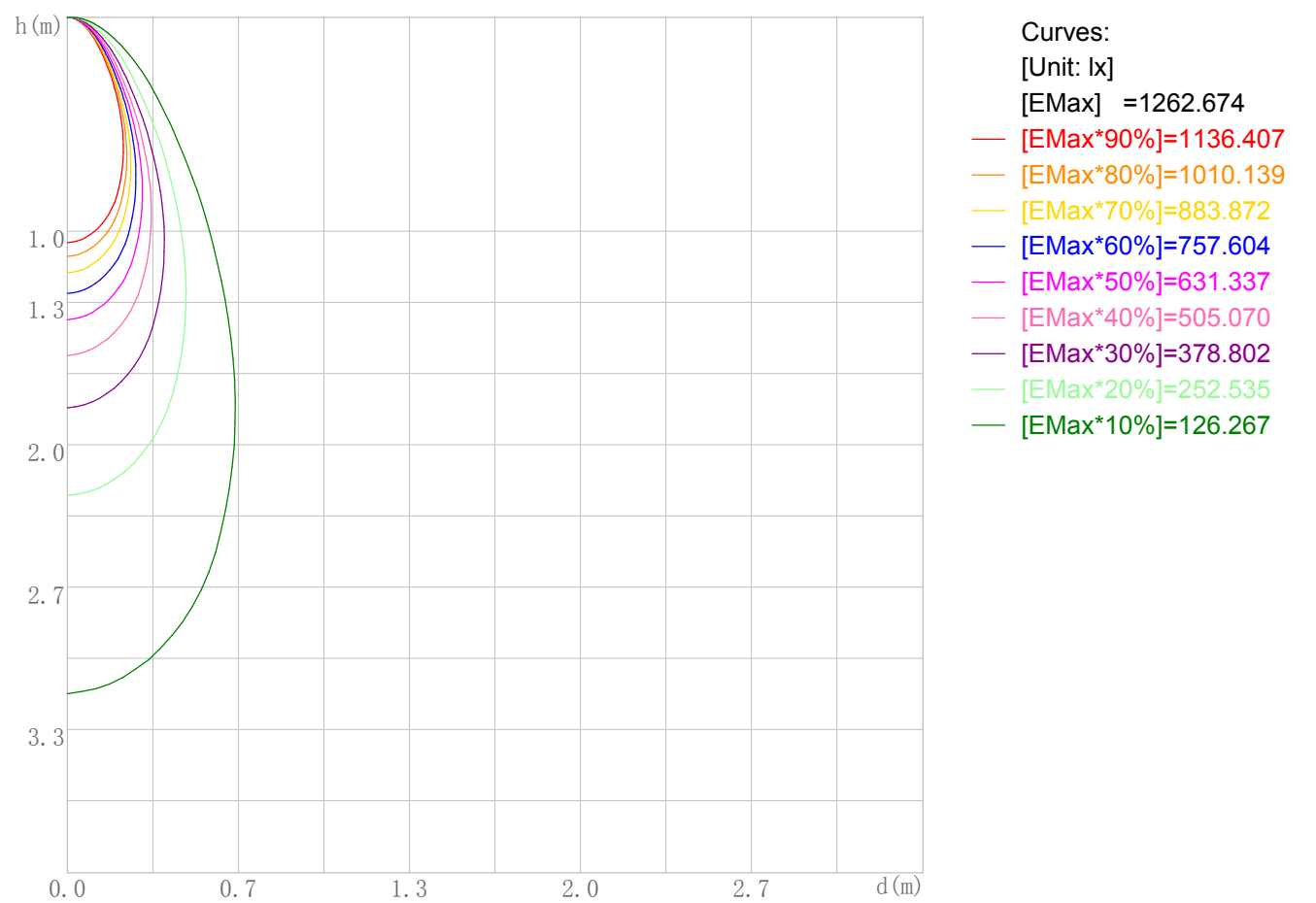
3D Plane Illuminance Modal



Space ISO Illuminance Diagram

Lum. Name: MD12-09-XX-01 RA90 36D 3000K	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: 2019/04/16

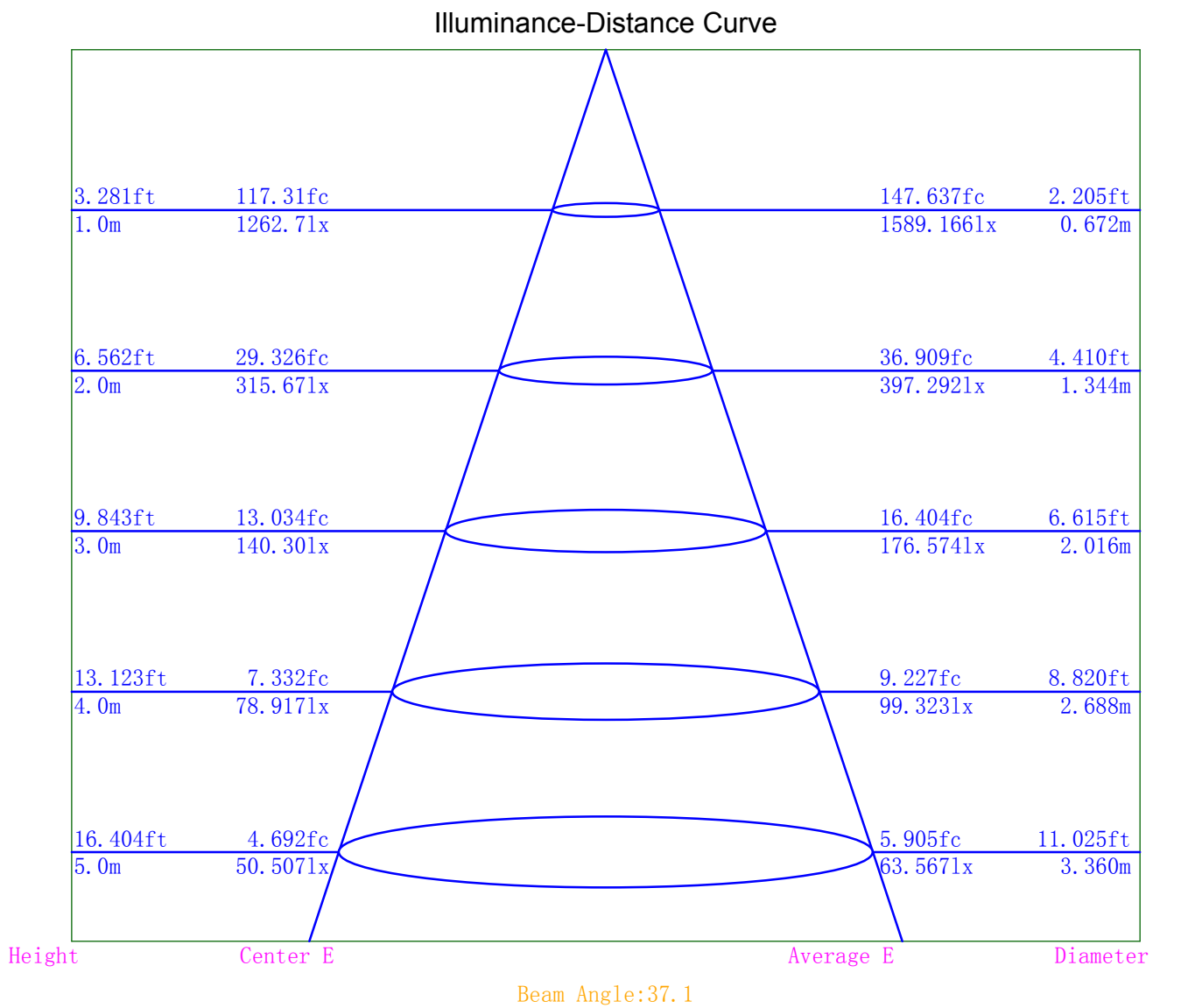
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:1262.67lx,0.0deg
Plane Maximum Lighting Intensity and @Angle:1262.674cd,0eg

Illuminance-Distance Diagram

Lum. Name:MD12-09-XX-01 RA90 36D 3000K	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quaality Department
Manufacture:Shenzhen Norming Lighting Co.,Ltd	Test Machine:GON-2000	Test Date:2019/04/16



Indoor Luminance Limiting Curves

Lum. Name: MD12-09-XX-01 RA90 36D 3000K	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: 2019/04/16

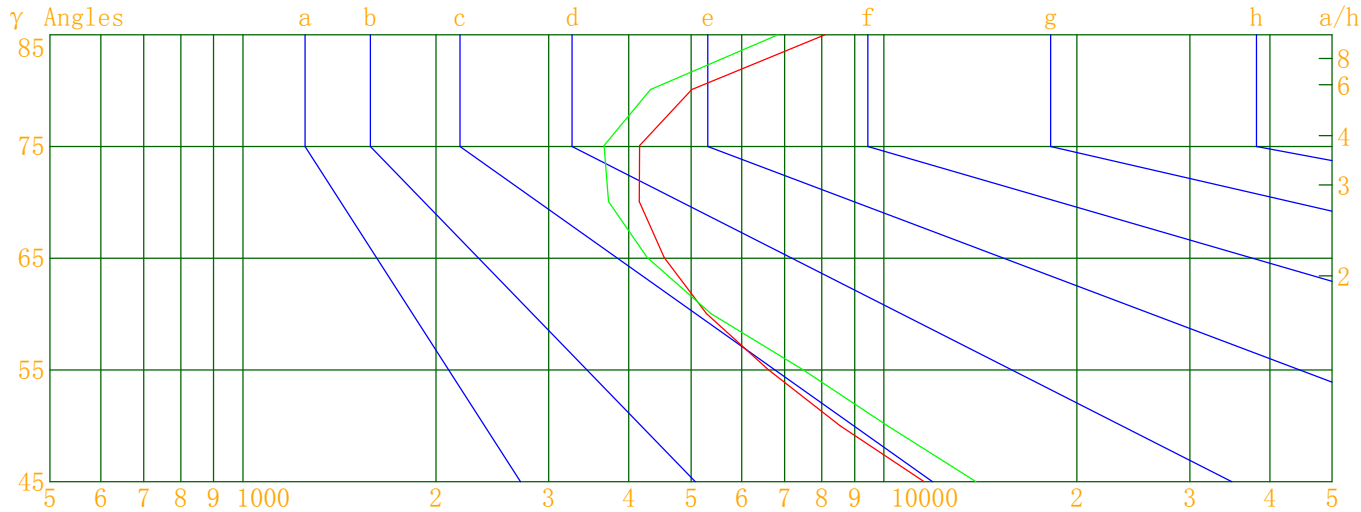
Glare Grade Table

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	11554	8540	6602	5289	4544	4152	4156	5017	8090
C90	13915	10121	7470	5375	4274	3718	3658	4325	6831

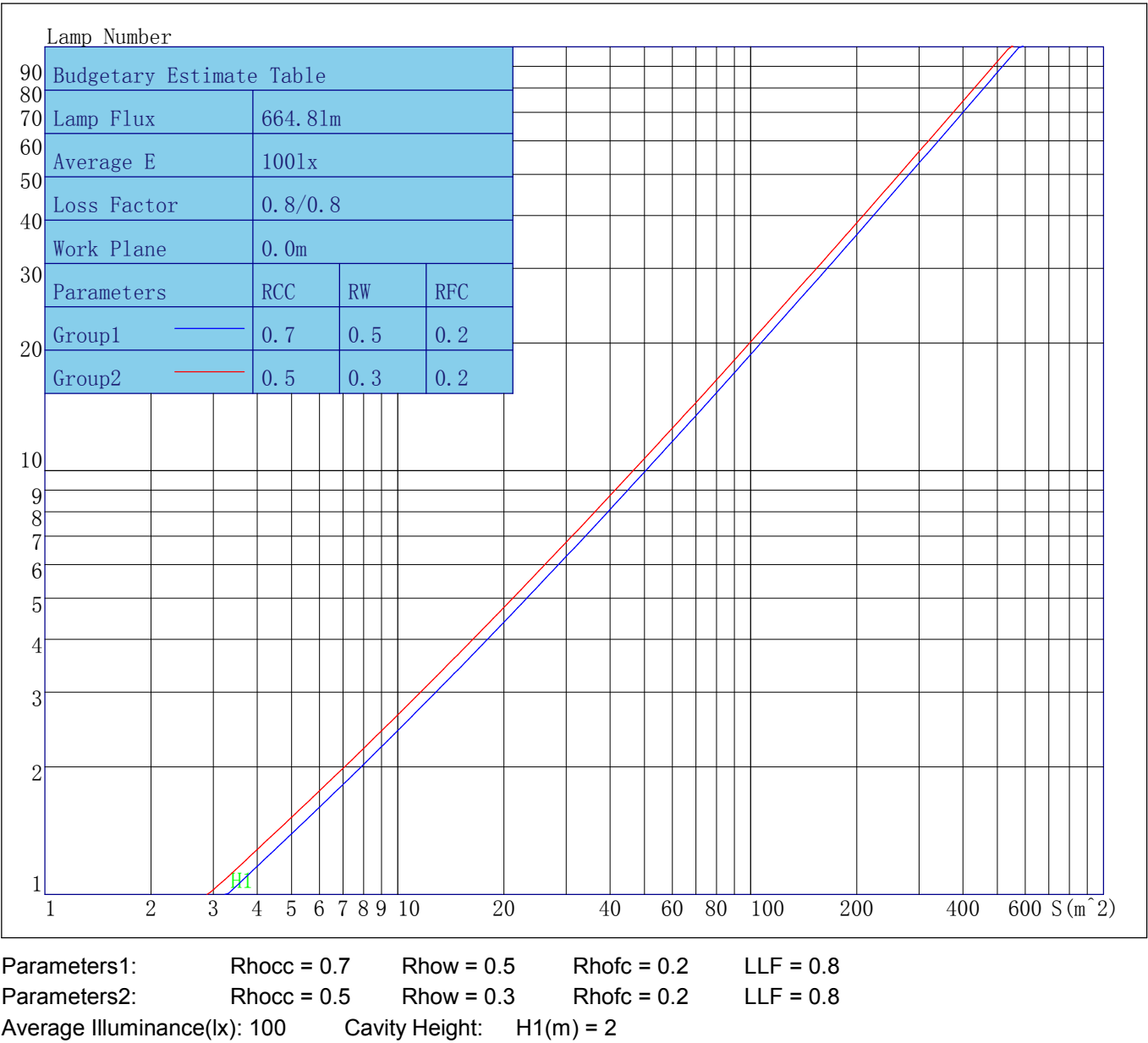
Luminance Limiting Curve



Luminous Size: Length(m)=0.050 Width(m)=0.050 Height(m)=0.045 Area(m^2)=0.004750
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: — C90-C270 Color: —

Indoor Budgetary Estimate Table

Lum. Name:MD12-09-XX-01 RA90 36D 3000K	Lum. Catelog:	Test ID:01
Lamp Name:	Lamp Catelog:LED	Test Lab:Quaality Department
Manufacture:Shenzhen Norming Lighting Co.,Ltd	Test Machine:GON-2000	Test Date:2019/04/16



Indoor Coefficient of Utilization Table

Lum. Name:MD12-09-XX-01 RA90 36D 3000K	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:2019/04/16

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	95	95	95	95	92	92	92	92	88	88	88	84	84	84	80	80	80	78
1	90	88	86	84	88	86	84	83	82	81	80	79	78	77	76	75	74	73
2	86	82	79	76	84	80	77	75	78	75	73	75	73	71	72	71	69	68
3	82	77	73	70	80	75	72	69	73	70	68	71	68	66	69	67	65	64
4	78	72	68	64	76	71	67	64	69	66	63	67	64	62	65	63	61	60
5	74	68	63	60	73	67	63	60	65	62	59	64	61	58	62	60	58	56
6	71	64	60	56	70	63	59	56	62	58	56	61	57	55	60	57	54	53
7	68	61	56	53	67	60	56	53	59	55	52	58	55	52	57	54	52	51
8	65	58	53	50	64	57	53	50	56	52	50	55	52	49	54	51	49	48
9	62	55	51	48	61	55	50	48	54	50	47	53	49	47	52	49	47	46
10	60	53	48	45	59	52	48	45	51	48	45	51	47	45	50	47	45	44

IES Indoor Report

Photometric Filename:MD12-09-XX-01 RA90 36D 3000K.IES

Unified Glare Rating Table

Lum. Name: MD12-09-XX-01 RA90 36D 3000K	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: 2019/04/16

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	16.6	17.1	17.0	17.5	17.9	17.4	18.0	17.8	18.3	18.7
	17.0	17.4	17.4	17.8	18.2	17.6	18.0	18.1	18.4	18.9
	17.2	17.5	17.7	17.9	18.4	17.7	18.1	18.2	18.5	18.9
	17.5	17.7	18.0	18.2	18.6	17.9	18.1	18.4	18.6	19.0
	17.7	17.9	18.2	18.3	18.8	18.0	18.2	18.5	18.6	19.1
	17.9	18.1	18.4	18.5	19.0	18.2	18.3	18.7	18.7	19.2
X=4H Y=2H	16.7	17.0	17.2	17.4	17.9	17.4	17.7	17.9	18.2	18.6
	17.3	17.4	17.7	17.9	18.3	17.8	17.9	18.3	18.4	18.9
	17.6	17.6	18.1	18.1	18.7	18.0	18.1	18.5	18.5	19.1
	18.1	18.0	18.6	18.5	19.1	18.3	18.3	18.9	18.8	19.3
	18.4	18.3	18.9	18.8	19.3	18.5	18.4	19.1	18.9	19.5
	18.7	18.6	19.3	19.1	19.7	18.8	18.6	19.3	19.1	19.7
X=8H Y=4H	17.7	17.6	18.3	18.1	18.7	18.1	18.0	18.6	18.5	19.0
	18.4	18.2	19.0	18.7	19.2	18.5	18.3	19.1	18.9	19.3
	18.8	18.6	19.5	19.2	19.7	18.9	18.6	19.5	19.2	19.8
	19.5	19.1	20.1	19.7	20.3	19.3	19.0	20.0	19.5	20.2
X=12H Y=4H	17.7	17.5	18.3	18.1	18.6	18.0	17.9	18.6	18.4	19.0
	18.5	18.2	19.1	18.7	19.3	18.6	18.3	19.2	18.8	19.5
	19.0	18.7	19.6	19.2	19.9	19.0	18.7	19.6	19.2	19.9
Variations with the objerver position at spacings										
S=1.0H	0.1/−0.1					0.2/−0.2				
S=1.5H	0.3/−0.3					0.3/−0.3				
S=2.0H	0.5/−0.4					0.6/−0.5				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	2.0					1.5				

o 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	1262.67	1262.67	1262.67	1262.67
γ 1.0	1256.03	1250.26	1269.07	1261.75
γ 2.0	1246.81	1239.59	1269.95	1258.31
γ 3.0	1232.02	1223.47	1264.33	1252.35
γ 4.0	1212.58	1204.92	1255.72	1242.56
γ 5.0	1185.54	1182.75	1242.77	1228.61
γ 6.0	1158.79	1157.63	1226.89	1213.69
γ 7.0	1124.76	1127.26	1207.32	1192.26
γ 8.0	1087.20	1093.89	1182.95	1165.30
γ 9.0	1048.15	1057.26	1153.59	1132.81
γ 10.0	1005.52	1016.14	1119.70	1097.27
γ 11.0	957.70	970.08	1082.58	1058.84
γ 12.0	907.72	919.67	1041.93	1015.68
γ 13.0	853.69	867.17	997.99	968.89
γ 14.0	797.21	815.89	950.09	919.69
γ 15.0	741.86	763.53	897.98	867.03
γ 16.0	689.17	710.88	845.84	812.04
γ 17.0	637.39	660.60	793.02	759.87
γ 18.0	587.13	611.96	741.49	706.41
γ 19.0	537.82	563.76	689.37	654.90
γ 20.0	491.16	518.69	640.00	603.72
γ 21.0	447.16	475.48	590.41	554.33
γ 22.0	404.67	434.19	541.99	506.91
γ 23.0	365.02	396.05	496.59	461.15
γ 24.0	327.99	360.35	452.41	417.39
γ 25.0	293.83	327.19	410.75	376.80
γ 26.0	262.64	296.00	371.68	338.23
γ 27.0	234.77	266.85	335.32	302.25
γ 28.0	210.27	240.34	302.14	269.98
γ 29.0	188.22	216.56	271.52	241.10
γ 30.0	168.94	195.47	243.62	215.32
γ 31.0	151.30	176.60	218.14	191.90
γ 32.0	135.08	159.49	194.74	171.46
γ 33.0	120.42	143.77	174.06	152.71
γ 34.0	107.60	129.62	156.23	135.96
γ 35.0	96.48	116.80	140.18	120.32
γ 36.0	86.73	105.66	126.15	106.99
γ 37.0	78.63	95.68	113.15	95.27
γ 38.0	71.55	86.88	101.58	85.33
γ 39.0	64.96	78.95	91.49	76.88
γ 40.0	58.95	72.13	82.96	69.37
γ 41.0	53.76	66.11	75.23	62.84
γ 42.0	49.37	60.49	68.66	57.19
γ 43.0	45.42	55.50	62.71	52.17
γ 44.0	41.97	50.85	57.35	47.61
γ 45.0	38.81	46.74	52.43	43.62
γ 46.0	35.83	43.08	48.00	40.09

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	33.10	39.65	44.18	37.00
γ 48.0	30.54	36.49	40.82	34.06
γ 49.0	28.26	33.60	37.69	31.49
γ 50.0	26.08	30.90	34.74	29.11
γ 51.0	24.03	28.47	32.11	27.03
γ 52.0	22.31	26.15	29.72	25.11
γ 53.0	20.65	23.98	27.40	23.26
γ 54.0	19.26	22.06	25.25	21.61
γ 55.0	17.99	20.35	23.14	20.01
γ 56.0	16.66	18.71	21.30	18.64
γ 57.0	15.51	17.13	19.73	17.49
γ 58.0	14.56	15.75	18.31	16.30
γ 59.0	13.64	14.32	16.86	15.16
γ 60.0	12.56	12.77	15.44	14.30
γ 61.0	11.62	11.52	14.26	13.47
γ 62.0	10.92	10.63	12.94	12.59
γ 63.0	10.27	9.90	11.67	11.62
γ 64.0	9.68	9.21	10.78	10.92
γ 65.0	9.12	8.58	10.08	10.34
γ 66.0	8.61	7.98	9.46	9.79
γ 67.0	8.09	7.43	8.85	9.28
γ 68.0	7.62	6.93	8.26	8.79
γ 69.0	7.17	6.47	7.71	8.29
γ 70.0	6.75	6.04	7.22	7.85
γ 71.0	6.35	5.64	6.75	7.39
γ 72.0	5.98	5.29	6.32	6.97
γ 73.0	5.64	4.99	5.92	6.56
γ 74.0	5.35	4.72	5.56	6.18
γ 75.0	5.11	4.50	5.22	5.82
γ 76.0	4.89	4.29	4.94	5.50
γ 77.0	4.69	4.09	4.69	5.23
γ 78.0	4.50	3.92	4.47	5.01
γ 79.0	4.31	3.73	4.26	4.79
γ 80.0	4.14	3.57	4.07	4.61
γ 81.0	3.97	3.41	3.88	4.42
γ 82.0	3.82	3.28	3.72	4.23
γ 83.0	3.68	3.12	3.55	4.05
γ 84.0	3.53	3.00	3.40	3.90
γ 85.0	3.35	2.83	3.25	3.74
γ 86.0	3.19	2.68	3.13	3.61
γ 87.0	3.05	2.55	2.98	3.45
γ 88.0	2.89	2.39	2.82	3.28
γ 89.0	2.81	2.30	2.66	3.10
γ 90.0	2.75	2.24	2.52	2.95
γ 91.0	2.69	2.21	2.39	2.84
γ 92.0	2.64	2.15	2.33	2.76
γ 93.0	2.58	2.10	2.27	2.70

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	2.52	2.06	2.21	2.64
γ 95.0	2.48	2.02	2.16	2.58
γ 96.0	2.42	1.98	2.13	2.53
γ 97.0	2.38	1.95	2.08	2.48
γ 98.0	2.35	1.91	2.04	2.43
γ 99.0	2.31	1.88	2.01	2.39
γ 100.0	2.27	1.85	1.97	2.35
γ 101.0	2.23	1.83	1.95	2.31
γ 102.0	2.20	1.80	1.92	2.27
γ 103.0	2.17	1.78	1.89	2.23
γ 104.0	2.13	1.76	1.86	2.20
γ 105.0	2.11	1.73	1.85	2.19
γ 106.0	2.08	1.72	1.83	2.15
γ 107.0	2.07	1.69	1.81	2.12
γ 108.0	2.04	1.68	1.79	2.11
γ 109.0	2.03	1.66	1.78	2.09
γ 110.0	2.01	1.65	1.78	2.08
γ 111.0	2.01	1.65	1.76	2.06
γ 112.0	1.99	1.64	1.76	2.06
γ 113.0	1.99	1.64	1.76	2.05
γ 114.0	1.98	1.64	1.77	2.06
γ 115.0	1.98	1.65	1.77	2.06
γ 116.0	1.98	1.66	1.79	2.05
γ 117.0	1.98	1.67	1.79	2.06
γ 118.0	2.00	1.68	1.81	2.07
γ 119.0	2.02	1.70	1.82	2.09
γ 120.0	2.03	1.72	1.85	2.10
γ 121.0	2.06	1.75	1.87	2.13
γ 122.0	2.09	1.77	1.91	2.16
γ 123.0	2.11	1.81	1.93	2.18
γ 124.0	2.15	1.85	1.97	2.21
γ 125.0	2.20	1.89	2.01	2.26
γ 126.0	2.25	1.94	2.06	2.30
γ 127.0	2.29	2.00	2.11	2.35
γ 128.0	2.36	2.06	2.17	2.40
γ 129.0	2.42	2.13	2.23	2.46
γ 130.0	2.49	2.19	2.30	2.52
γ 131.0	2.57	2.26	2.37	2.59
γ 132.0	2.65	2.35	2.44	2.65
γ 133.0	2.72	2.43	2.52	2.73
γ 134.0	2.80	2.52	2.61	2.80
γ 135.0	2.89	2.61	2.69	2.89
γ 136.0	2.98	2.70	2.78	2.98
γ 137.0	3.08	2.79	2.87	3.06
γ 138.0	3.18	2.91	2.96	3.15
γ 139.0	3.27	3.00	3.06	3.23
γ 140.0	3.37	3.09	3.17	3.34

Photometric Filename:MD12-09-XX-01 RA90 36D 3000K.IES

V/H	C0. 0	C90. 0	C180. 0	C270. 0
γ 141. 0	3. 49	3. 20	3. 27	3. 43
γ 142. 0	3. 58	3. 30	3. 38	3. 52
γ 143. 0	3. 68	3. 40	3. 47	3. 62
γ 144. 0	3. 78	3. 50	3. 58	3. 71
γ 145. 0	3. 88	3. 61	3. 68	3. 82
γ 146. 0	3. 97	3. 71	3. 79	3. 91
γ 147. 0	4. 07	3. 81	3. 89	4. 00
γ 148. 0	4. 17	3. 89	3. 99	4. 09
γ 149. 0	4. 26	3. 98	4. 09	4. 19
γ 150. 0	4. 34	4. 08	4. 20	4. 28
γ 151. 0	4. 44	4. 18	4. 29	4. 36
γ 152. 0	4. 52	4. 25	4. 39	4. 45
γ 153. 0	4. 59	4. 33	4. 47	4. 52
γ 154. 0	4. 66	4. 41	4. 56	4. 61
γ 155. 0	4. 73	4. 47	4. 63	4. 67
γ 156. 0	4. 79	4. 55	4. 72	4. 74
γ 157. 0	4. 85	4. 60	4. 78	4. 80
γ 158. 0	4. 90	4. 66	4. 84	4. 86
γ 159. 0	4. 95	4. 71	4. 90	4. 91
γ 160. 0	4. 99	4. 76	4. 96	4. 96
γ 161. 0	5. 03	4. 81	5. 00	4. 99
γ 162. 0	5. 06	4. 84	5. 05	5. 03
γ 163. 0	5. 09	4. 87	5. 09	5. 06
γ 164. 0	5. 12	4. 91	5. 12	5. 09
γ 165. 0	5. 14	4. 95	5. 16	5. 11
γ 166. 0	5. 16	4. 97	5. 18	5. 13
γ 167. 0	5. 19	5. 00	5. 21	5. 15
γ 168. 0	5. 20	5. 02	5. 22	5. 16
γ 169. 0	5. 21	5. 04	5. 24	5. 17
γ 170. 0	5. 23	5. 07	5. 25	5. 18
γ 171. 0	5. 23	5. 10	5. 27	5. 19
γ 172. 0	5. 26	5. 11	5. 28	5. 20
γ 173. 0	5. 28	5. 15	5. 30	5. 21
γ 174. 0	5. 30	5. 17	5. 31	5. 22
γ 175. 0	5. 31	5. 19	5. 32	5. 23
γ 176. 0	5. 34	5. 22	5. 33	5. 24
γ 177. 0	5. 34	5. 23	5. 34	5. 25
γ 178. 0	5. 36	5. 23	5. 36	5. 26
γ 179. 0	5. 35	5. 23	5. 37	5. 28
γ 180. 0	5. 32	5. 32	5. 32	5. 32