

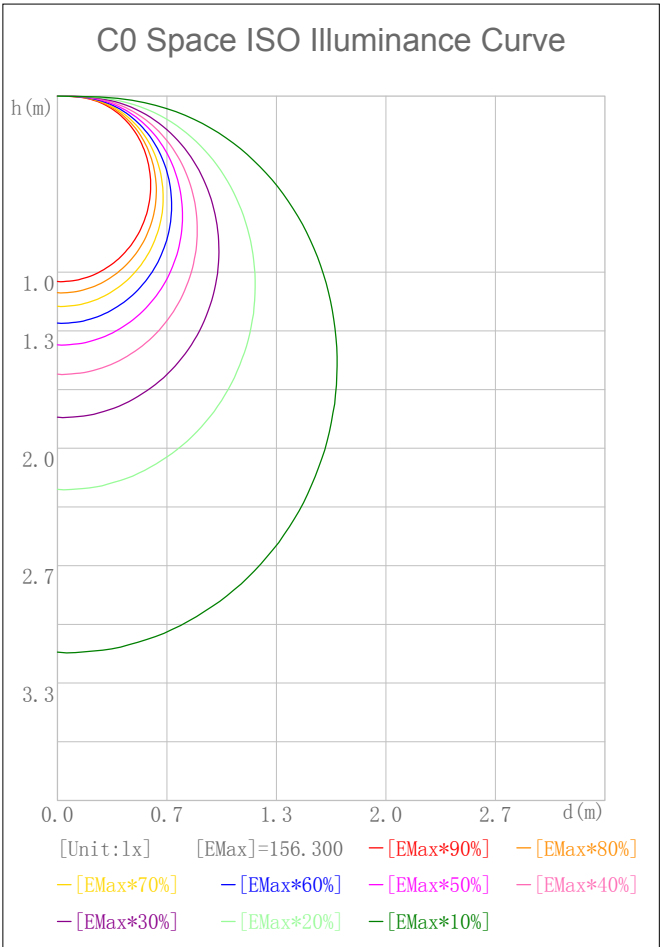
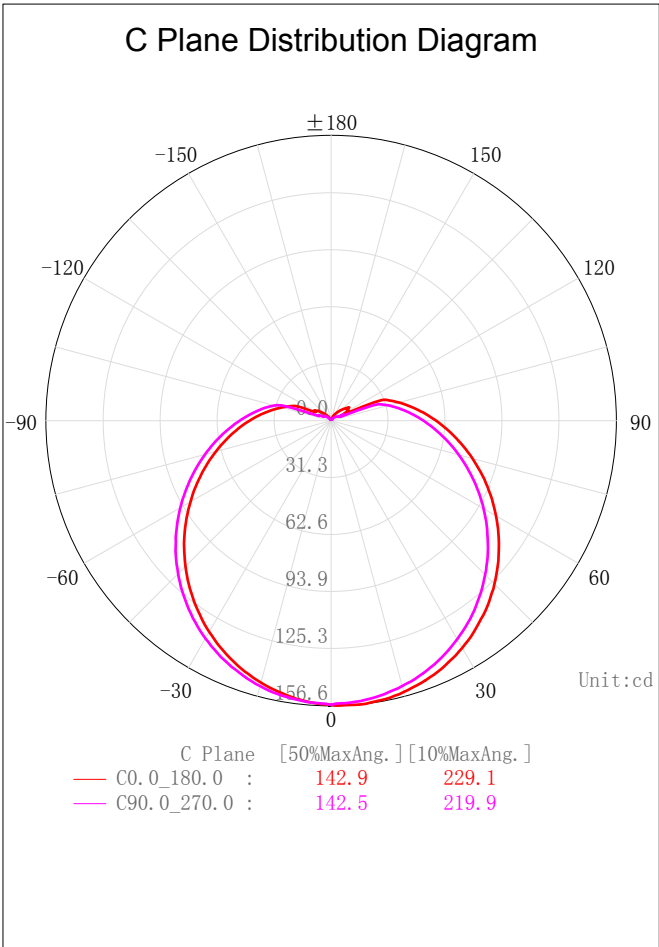
Indoor Luminaire Photometric Data

Description Information

Luminary Name:DL52-09-XX-03 4000K RA90 150D		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog: LED	Test Date: 2022/01/19
Manufacture: Shenzhen Norming Lightin		Shld. Ang(°):	Test Machine:GON-2000
Test Lab: Quality Department		Frequency (Hz):	Lamp CCT (K): Ra:
Lum. Size (W*L*H):0.100m*0.000m*-0.100m		Lum. Area (m2):0.063	Lum. W (kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp. (°C): 25	Humidity(%):

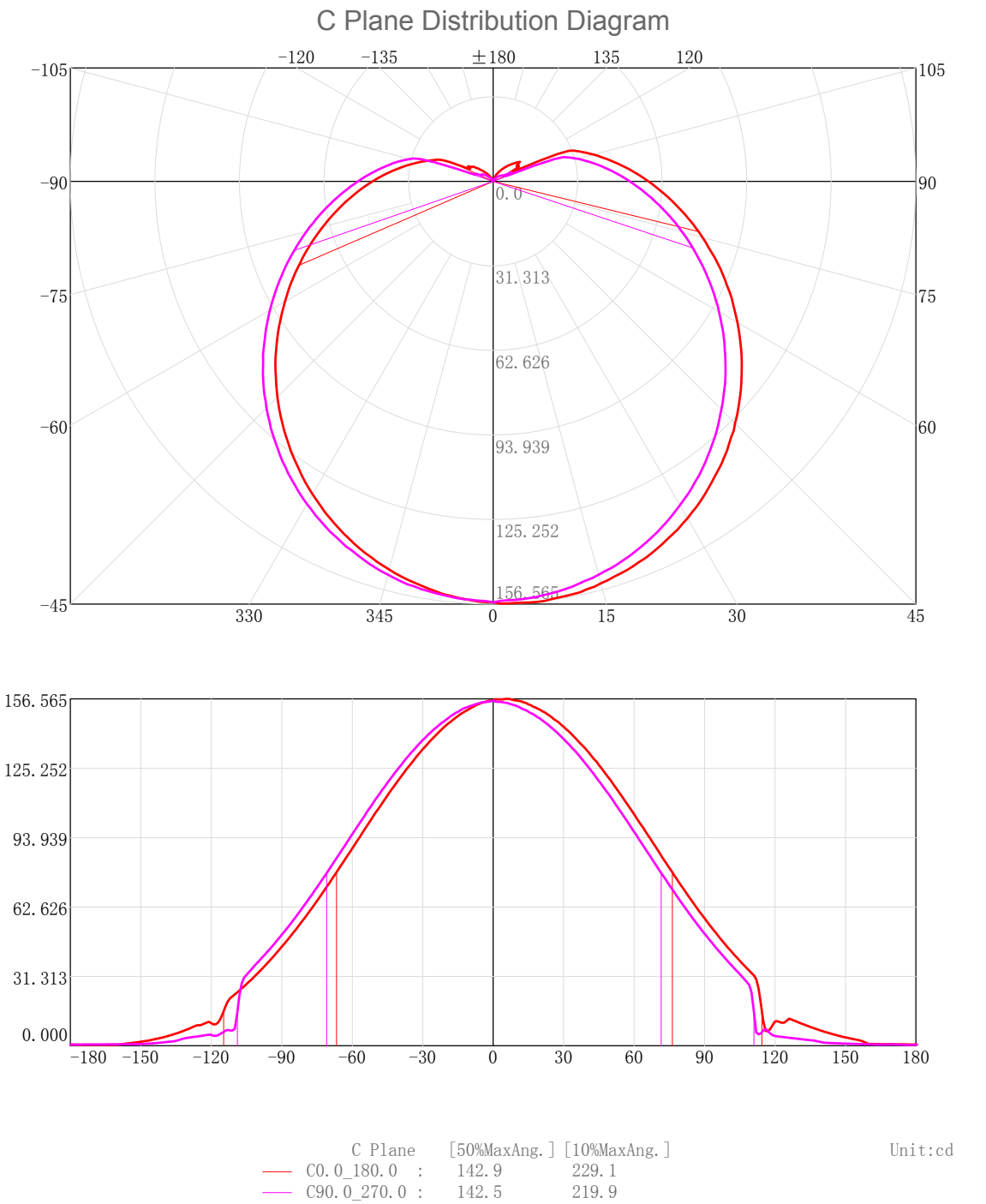
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 726.320	Luminary Flux(lm): 726.319	Field Angle(10%Imax): 229.1(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 619.756lm 85.33%	
Rated Voltage(V):	Luminary EER(lm/W): 83.880	Up Lumens&Percent: 106.564lm 14.67%	
Tested Power(W): 8.659	Max. Candela(cd): 156.565	S/MH: C0_a180=1.329 C90_270=1.323	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=6.0	CIE Type: General Diffuse	
Tested Electrics (V, A, pf):241.1, 0.039, 0.901	Beam Angle(50%Imax): 142.9(°)	ErP ϕ use(120°): 389.771lm	
Lamp Size (W*L*H):0.100m*0.000m*-0.100m	Left=-66.7°, Right=76.3°	IRF(%): 95.916	



2D Plane Light Intensity Distribution Curve

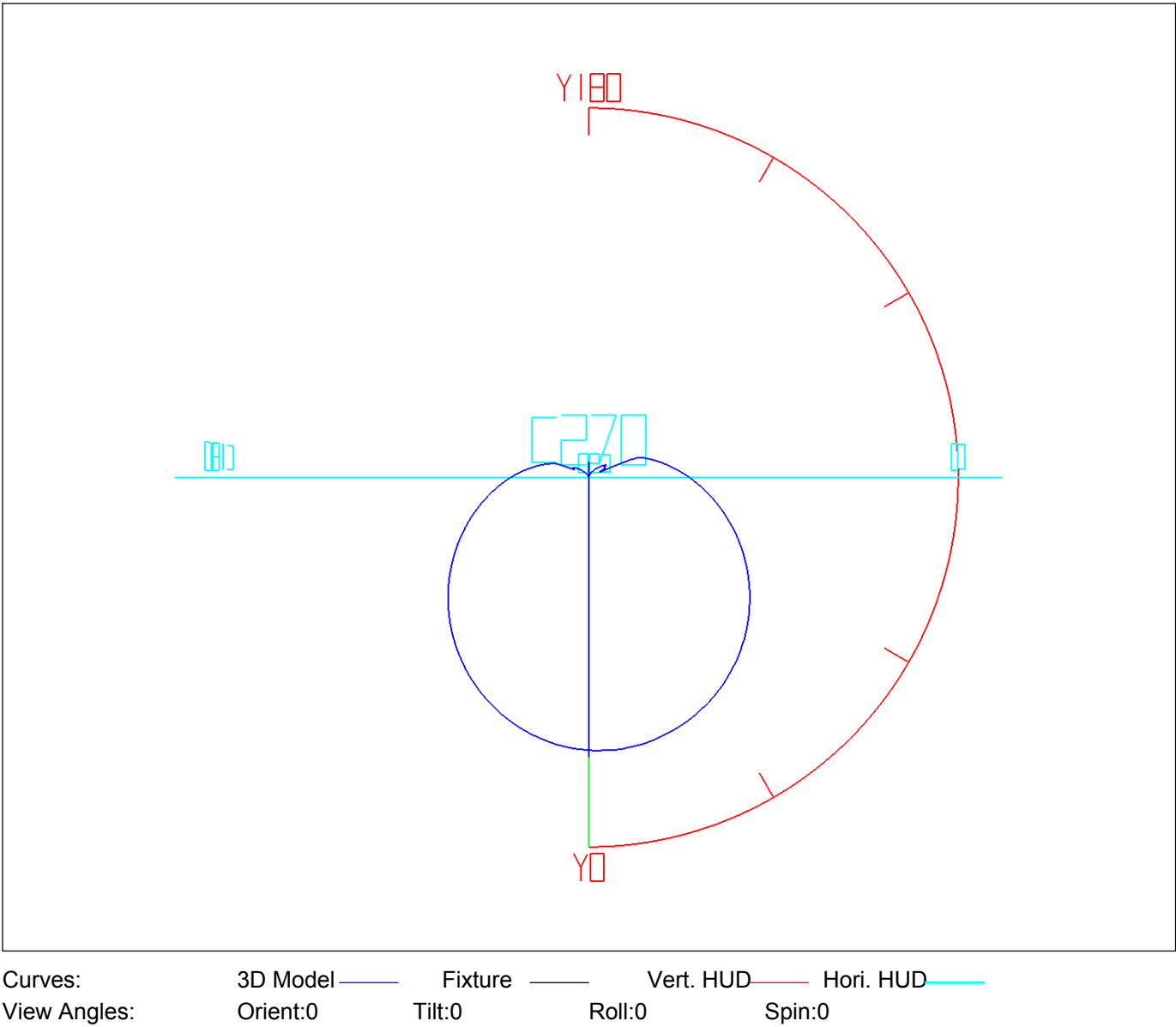
Lum. Name: DL52-09-XX-03 4000K RA90 150D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lightin	Test Machine:GON-2000	Test Date: 2022/01/19



3D Light Intensity Distribution Modal

Lum. Name: DL52-09-XX-03 4000K RA90 150D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lightin	Test Machine:GON-2000	Test Date: 2022/01/19

3D Light Intensity Distribution Modal



Zonal Flux Tabulation

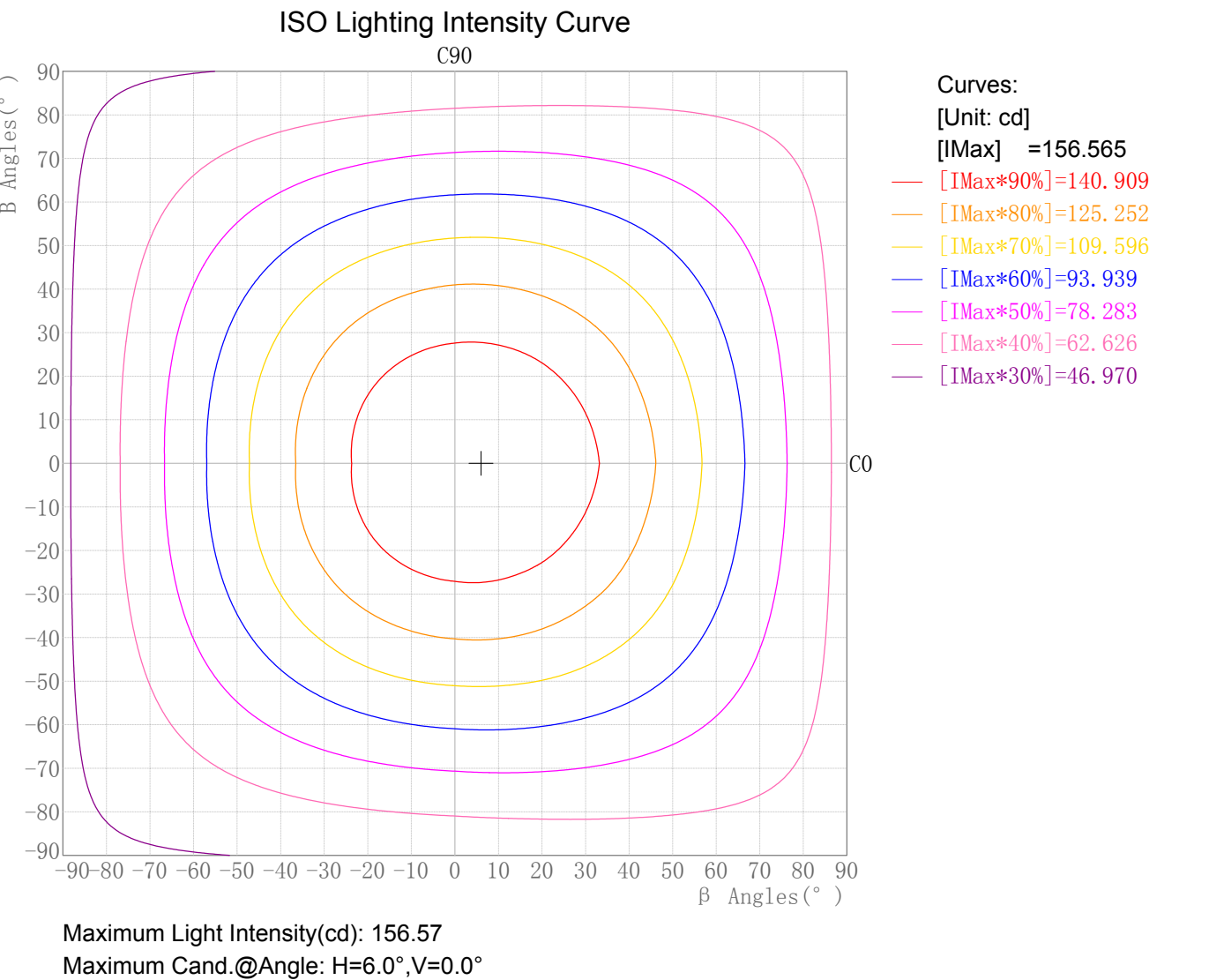
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	0.15	0.15	0.02	0.02	47.0-48.0	9.37	280.43	1.29	38.61
1.0-2.0	0.45	0.60	0.06	0.08	48.0-49.0	9.39	289.82	1.29	39.90
2.0-3.0	0.74	1.34	0.10	0.18	49.0-50.0	9.42	299.24	1.30	41.20
3.0-4.0	1.04	2.38	0.14	0.33	50.0-51.0	9.42	308.66	1.30	42.50
4.0-5.0	1.34	3.72	0.18	0.51	51.0-52.0	9.42	318.09	1.30	43.79
5.0-6.0	1.63	5.35	0.22	0.74	52.0-53.0	9.42	327.50	1.30	45.09
6.0-7.0	1.92	7.27	0.26	1.00	53.0-54.0	9.41	336.91	1.30	46.39
7.0-8.0	2.21	9.48	0.30	1.31	54.0-55.0	9.39	346.30	1.29	47.68
8.0-9.0	2.50	11.98	0.34	1.65	55.0-56.0	9.36	355.66	1.29	48.97
9.0-10.0	2.78	14.77	0.38	2.03	56.0-57.0	9.33	364.98	1.28	50.25
10.0-11.0	3.07	17.83	0.42	2.46	57.0-58.0	9.28	374.27	1.28	51.53
11.0-12.0	3.35	21.18	0.46	2.92	58.0-59.0	9.23	383.50	1.27	52.80
12.0-13.0	3.62	24.80	0.50	3.41	59.0-60.0	9.18	392.68	1.26	54.06
13.0-14.0	3.89	28.69	0.54	3.95	60.0-61.0	9.12	401.81	1.26	55.32
14.0-15.0	4.16	32.85	0.57	4.52	61.0-62.0	9.06	410.86	1.25	56.57
15.0-16.0	4.42	37.27	0.61	5.13	62.0-63.0	8.99	419.85	1.24	57.80
16.0-17.0	4.68	41.94	0.64	5.77	63.0-64.0	8.91	428.76	1.23	59.03
17.0-18.0	4.93	46.87	0.68	6.45	64.0-65.0	8.83	437.59	1.22	60.25
18.0-19.0	5.18	52.05	0.71	7.17	65.0-66.0	8.74	446.32	1.20	61.45
19.0-20.0	5.42	57.48	0.75	7.91	66.0-67.0	8.64	454.96	1.19	62.64
20.0-21.0	5.66	63.13	0.78	8.69	67.0-68.0	8.54	463.51	1.18	63.82
21.0-22.0	5.89	69.03	0.81	9.50	68.0-69.0	8.44	471.95	1.16	64.98
22.0-23.0	6.12	75.14	0.84	10.35	69.0-70.0	8.33	480.28	1.15	66.13
23.0-24.0	6.34	81.48	0.87	11.22	70.0-71.0	8.22	488.50	1.13	67.26
24.0-25.0	6.55	88.02	0.90	12.12	71.0-72.0	8.10	496.61	1.12	68.37
25.0-26.0	6.75	94.78	0.93	13.05	72.0-73.0	7.98	504.59	1.10	69.47
26.0-27.0	6.95	101.73	0.96	14.01	73.0-74.0	7.86	512.45	1.08	70.55
27.0-28.0	7.15	108.88	0.98	14.99	74.0-75.0	7.73	520.18	1.06	71.62
28.0-29.0	7.33	116.21	1.01	16.00	75.0-76.0	7.61	527.79	1.05	72.67
29.0-30.0	7.51	123.71	1.03	17.03	76.0-77.0	7.48	535.27	1.03	73.70
30.0-31.0	7.68	131.39	1.06	18.09	77.0-78.0	7.35	542.61	1.01	74.71
31.0-32.0	7.84	139.24	1.08	19.17	78.0-79.0	7.21	549.83	0.99	75.70
32.0-33.0	8.00	147.24	1.10	20.27	79.0-80.0	7.07	556.90	0.97	76.67
33.0-34.0	8.15	155.38	1.12	21.39	80.0-81.0	6.93	563.83	0.95	77.63
34.0-35.0	8.29	163.67	1.14	22.53	81.0-82.0	6.79	570.62	0.93	78.56
35.0-36.0	8.42	172.09	1.16	23.69	82.0-83.0	6.65	577.27	0.92	79.48
36.0-37.0	8.54	180.63	1.18	24.87	83.0-84.0	6.50	583.77	0.90	80.37
37.0-38.0	8.66	189.28	1.19	26.06	84.0-85.0	6.36	590.13	0.88	81.25
38.0-39.0	8.76	198.05	1.21	27.27	85.0-86.0	6.22	596.35	0.86	82.11
39.0-40.0	8.86	206.91	1.22	28.49	86.0-87.0	6.07	602.42	0.84	82.94
40.0-41.0	8.96	215.87	1.23	29.72	87.0-88.0	5.92	608.34	0.82	83.76
41.0-42.0	9.04	224.91	1.24	30.97	88.0-89.0	5.78	614.12	0.80	84.55
42.0-43.0	9.11	234.02	1.25	32.22	89.0-90.0	5.64	619.76	0.78	85.33
43.0-44.0	9.18	243.21	1.26	33.48	90.0-91.0	5.49	625.25	0.76	86.08
44.0-45.0	9.24	252.45	1.27	34.76	91.0-92.0	5.35	630.59	0.74	86.82
45.0-46.0	9.29	261.73	1.28	36.04	92.0-93.0	5.20	635.79	0.72	87.54
46.0-47.0	9.33	271.06	1.28	37.32	93.0-94.0	5.06	640.85	0.70	88.23

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	4. 91	645. 76	0. 68	88. 91	141. 0-142. 0	0. 22	724. 25	0. 03	99. 71
95. 0-96. 0	4. 77	650. 53	0. 66	89. 57	142. 0-143. 0	0. 20	724. 45	0. 03	99. 74
96. 0-97. 0	4. 62	655. 16	0. 64	90. 20	143. 0-144. 0	0. 18	724. 63	0. 03	99. 77
97. 0-98. 0	4. 48	659. 64	0. 62	90. 82	144. 0-145. 0	0. 17	724. 80	0. 02	99. 79
98. 0-99. 0	4. 34	663. 98	0. 60	91. 42	145. 0-146. 0	0. 15	724. 96	0. 02	99. 81
99. 0-100. 0	4. 21	668. 19	0. 58	92. 00	146. 0-147. 0	0. 14	725. 10	0. 02	99. 83
100. 0-101. 0	4. 07	672. 26	0. 56	92. 56	147. 0-148. 0	0. 13	725. 23	0. 02	99. 85
101. 0-102. 0	3. 93	676. 19	0. 54	93. 10	148. 0-149. 0	0. 12	725. 34	0. 02	99. 87
102. 0-103. 0	3. 80	679. 99	0. 52	93. 62	149. 0-150. 0	0. 11	725. 45	0. 01	99. 88
103. 0-104. 0	3. 66	683. 65	0. 50	94. 13	150. 0-151. 0	0. 10	725. 55	0. 01	99. 89
104. 0-105. 0	3. 53	687. 18	0. 49	94. 61	151. 0-152. 0	0. 09	725. 64	0. 01	99. 91
105. 0-106. 0	3. 39	690. 56	0. 47	95. 08	152. 0-153. 0	0. 08	725. 72	0. 01	99. 92
106. 0-107. 0	3. 24	693. 80	0. 45	95. 52	153. 0-154. 0	0. 07	725. 79	0. 01	99. 93
107. 0-108. 0	3. 03	696. 83	0. 42	95. 94	154. 0-155. 0	0. 07	725. 86	0. 01	99. 94
108. 0-109. 0	2. 75	699. 58	0. 38	96. 32	155. 0-156. 0	0. 06	725. 92	0. 01	99. 95
109. 0-110. 0	2. 43	702. 01	0. 33	96. 65	156. 0-157. 0	0. 05	725. 97	0. 01	99. 95
110. 0-111. 0	2. 12	704. 13	0. 29	96. 94	157. 0-158. 0	0. 04	726. 02	0. 01	99. 96
111. 0-112. 0	1. 80	705. 93	0. 25	97. 19	158. 0-159. 0	0. 04	726. 05	0. 00	99. 96
112. 0-113. 0	1. 55	707. 48	0. 21	97. 41	159. 0-160. 0	0. 03	726. 08	0. 00	99. 97
113. 0-114. 0	1. 34	708. 82	0. 18	97. 59	160. 0-161. 0	0. 02	726. 11	0. 00	99. 97
114. 0-115. 0	1. 09	709. 92	0. 15	97. 74	161. 0-162. 0	0. 02	726. 13	0. 00	99. 97
115. 0-116. 0	0. 88	710. 80	0. 12	97. 86	162. 0-163. 0	0. 02	726. 15	0. 00	99. 98
116. 0-117. 0	0. 75	711. 55	0. 10	97. 97	163. 0-164. 0	0. 02	726. 17	0. 00	99. 98
117. 0-118. 0	0. 68	712. 23	0. 09	98. 06	164. 0-165. 0	0. 02	726. 19	0. 00	99. 98
118. 0-119. 0	0. 67	712. 91	0. 09	98. 15	165. 0-166. 0	0. 02	726. 21	0. 00	99. 98
119. 0-120. 0	0. 71	713. 61	0. 10	98. 25	166. 0-167. 0	0. 02	726. 22	0. 00	99. 99
120. 0-121. 0	0. 73	714. 35	0. 10	98. 35	167. 0-168. 0	0. 01	726. 24	0. 00	99. 99
121. 0-122. 0	0. 72	715. 06	0. 10	98. 45	168. 0-169. 0	0. 01	726. 25	0. 00	99. 99
122. 0-123. 0	0. 69	715. 75	0. 09	98. 54	169. 0-170. 0	0. 01	726. 26	0. 00	99. 99
123. 0-124. 0	0. 66	716. 41	0. 09	98. 64	170. 0-171. 0	0. 01	726. 28	0. 00	99. 99
124. 0-125. 0	0. 65	717. 06	0. 09	98. 72	171. 0-172. 0	0. 01	726. 28	0. 00	100. 00
125. 0-126. 0	0. 65	717. 71	0. 09	98. 81	172. 0-173. 0	0. 01	726. 29	0. 00	100. 00
126. 0-127. 0	0. 64	718. 34	0. 09	98. 90	173. 0-174. 0	0. 01	726. 30	0. 00	100. 00
127. 0-128. 0	0. 60	718. 95	0. 08	98. 98	174. 0-175. 0	0. 01	726. 31	0. 00	100. 00
128. 0-129. 0	0. 57	719. 52	0. 08	99. 06	175. 0-176. 0	0. 00	726. 31	0. 00	100. 00
129. 0-130. 0	0. 54	720. 06	0. 07	99. 14	176. 0-177. 0	0. 00	726. 31	0. 00	100. 00
130. 0-131. 0	0. 51	720. 56	0. 07	99. 21	177. 0-178. 0	0. 00	726. 32	0. 00	100. 00
131. 0-132. 0	0. 47	721. 04	0. 07	99. 27	178. 0-179. 0	0. 00	726. 32	0. 00	100. 00
132. 0-133. 0	0. 44	721. 48	0. 06	99. 33	179. 0-180. 0	0. 00	726. 32	0. 00	100. 00
133. 0-134. 0	0. 41	721. 89	0. 06	99. 39					
134. 0-135. 0	0. 38	722. 27	0. 05	99. 44					
135. 0-136. 0	0. 35	722. 63	0. 05	99. 49					
136. 0-137. 0	0. 33	722. 96	0. 05	99. 54					
137. 0-138. 0	0. 30	723. 26	0. 04	99. 58					
138. 0-139. 0	0. 28	723. 54	0. 04	99. 62					
139. 0-140. 0	0. 26	723. 80	0. 04	99. 65					
140. 0-141. 0	0. 24	724. 03	0. 03	99. 69					

Rectangle ISO Lighting Intensity Diagram

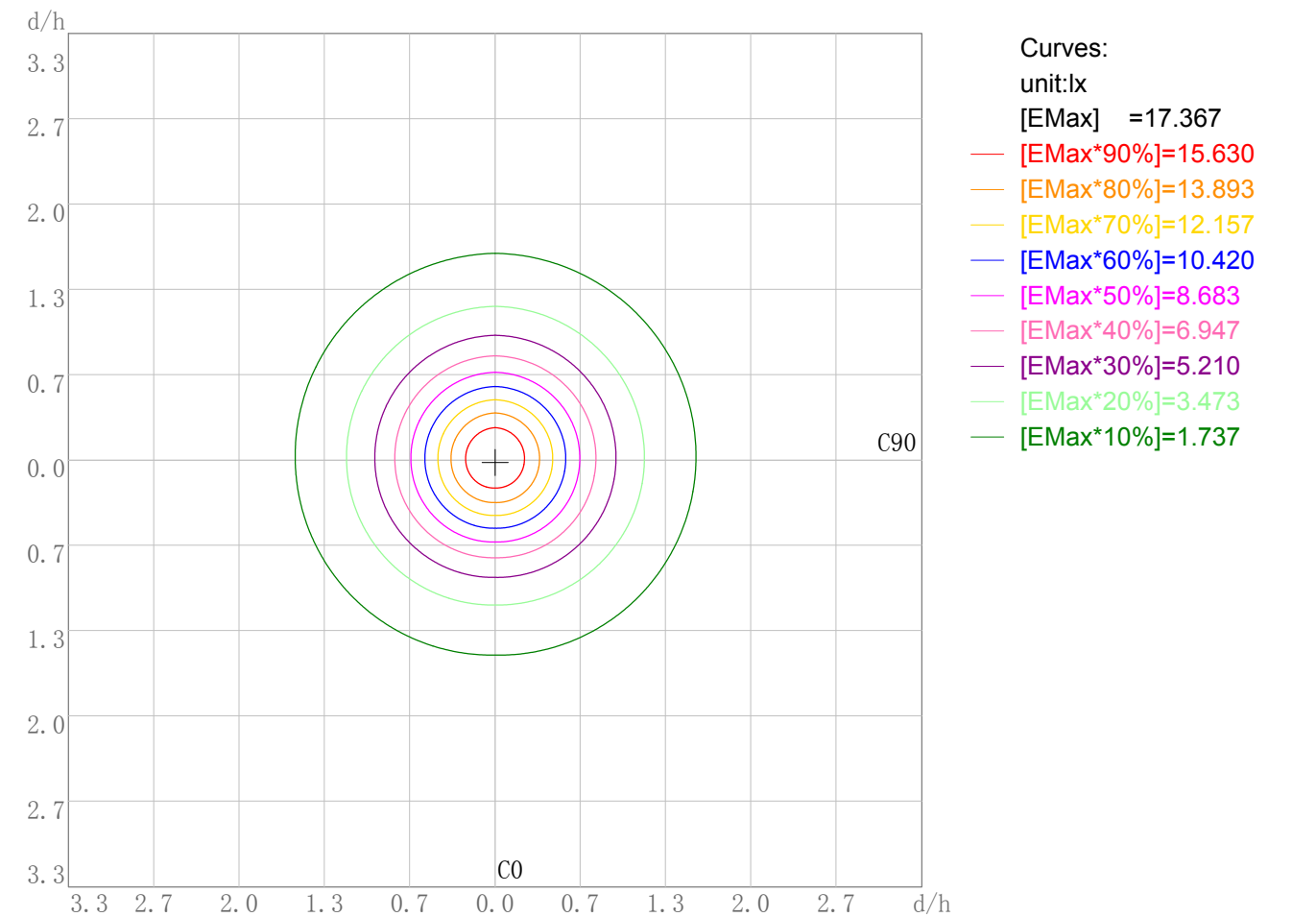
Lum. Name: DL52-09-XX-03 4000K RA90 150D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lightin	Test Machine:GON-2000	Test Date: 2022/01/19



Plane ISO-Illuminance Diagram

Lum. Name: DL52-09-XX-03 4000K RA90 150D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lightin	Test Machine:GON-2000	Test Date: 2022/01/19

Plane ISO-Illuminance Curve

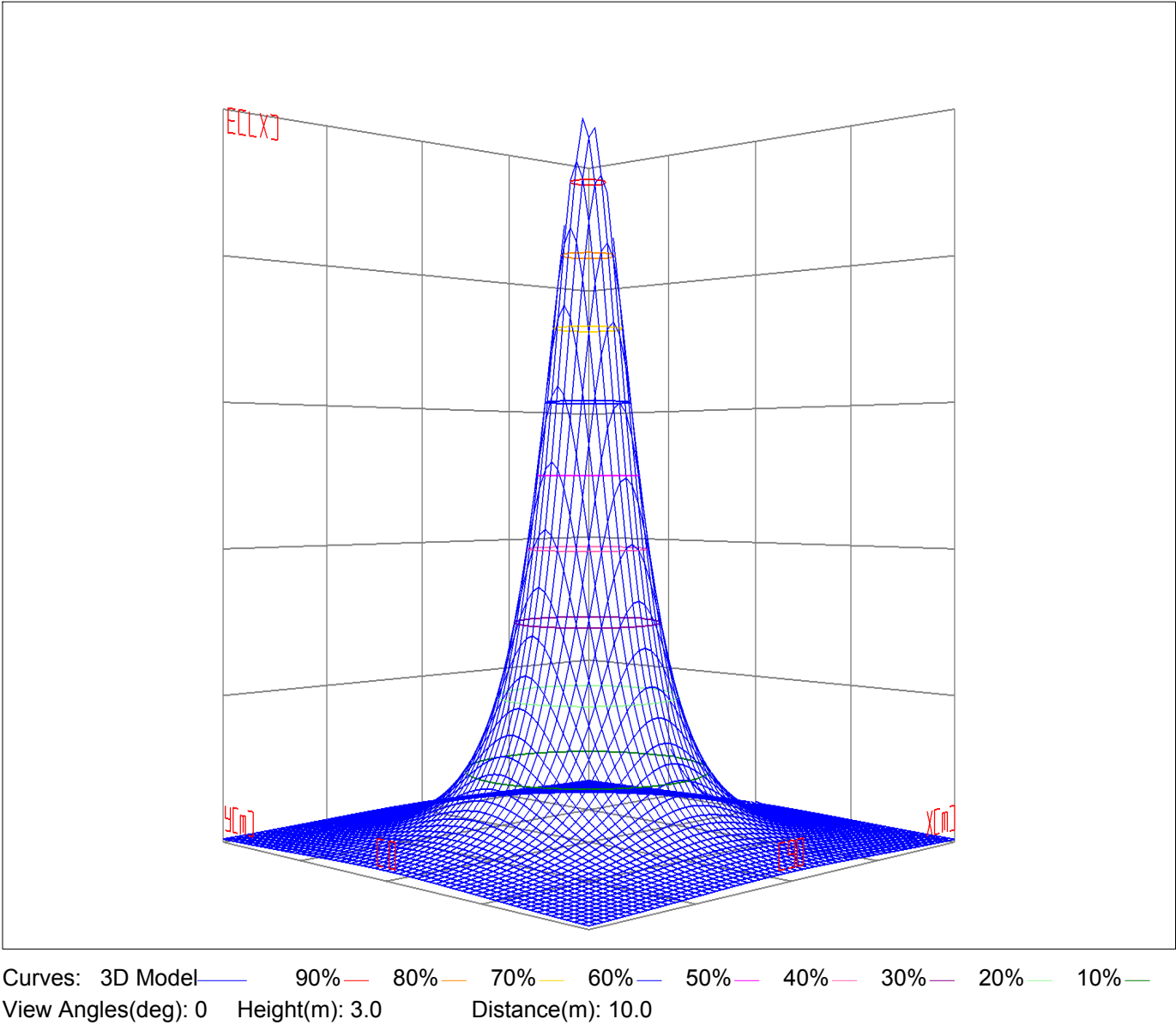


Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 17.37
Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

3D Plane ISO Illuminance Diagram

Lum. Name: DL52-09-XX-03 4000K RA90 150D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lightin	Test Machine:GON-2000	Test Date: 2022/01/19

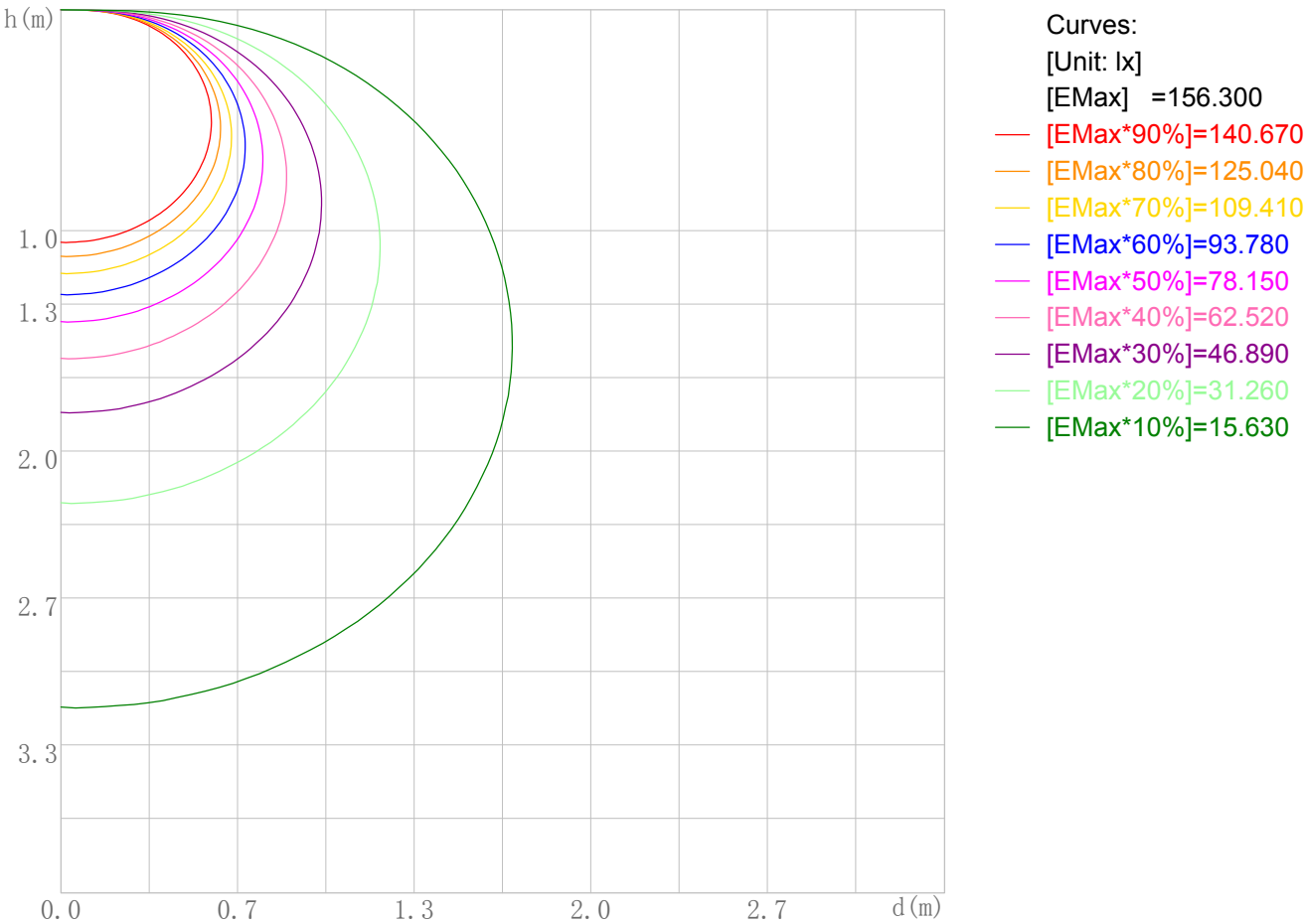
3D Plane Illuminance Modal



Space ISO Illuminance Diagram

Lum. Name: DL52-09-XX-03 4000K RA90 150D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lightin	Test Machine:GON-2000	Test Date: 2022/01/19

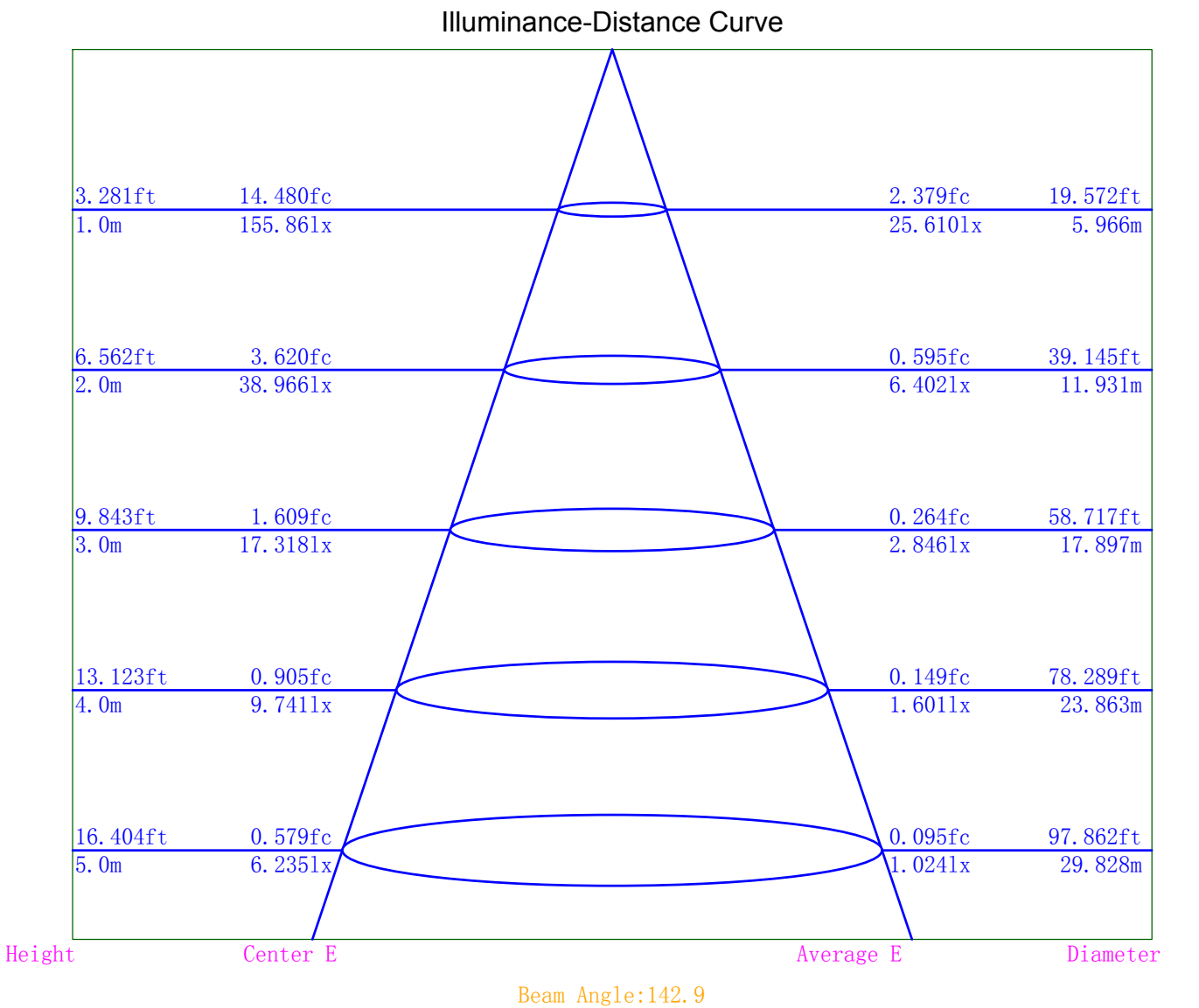
Space ISO Illuminance Curve



Space Plane Maximum Illuminance and @Angle:156.30lx,1.0deg
Plane Maximum Lighting Intensity and @Angle:156.565cd,0deg

Illuminance-Distance Diagram

Lum. Name: DL52-09-XX-03 4000K RA90 150D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lightin	Test Machine:GON-2000	Test Date: 2022/01/19



Indoor Luminance Limiting Curves

Lum. Name: DL52-09-XX-03 4000K RA90 150D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lightin	Test Machine:GON-2000	Test Date: 2022/01/19

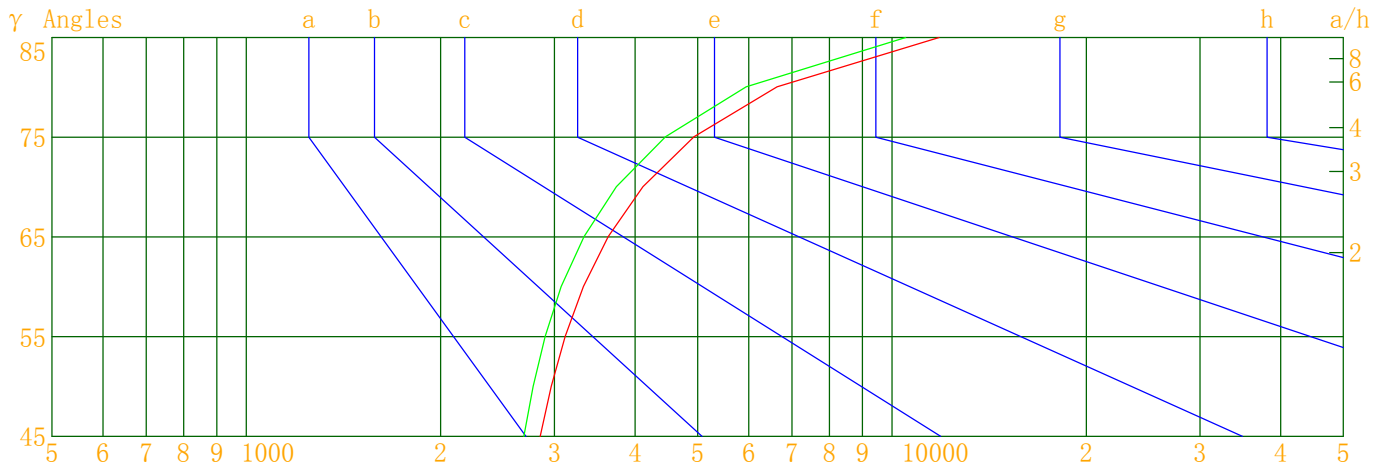
Glare Grade Table

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	2852	2966	3117	3327	3635	4114	4936	6638	11831
C90	2690	2781	2902	3073	3335	3743	4460	5946	10502

Luminance Limiting Curve



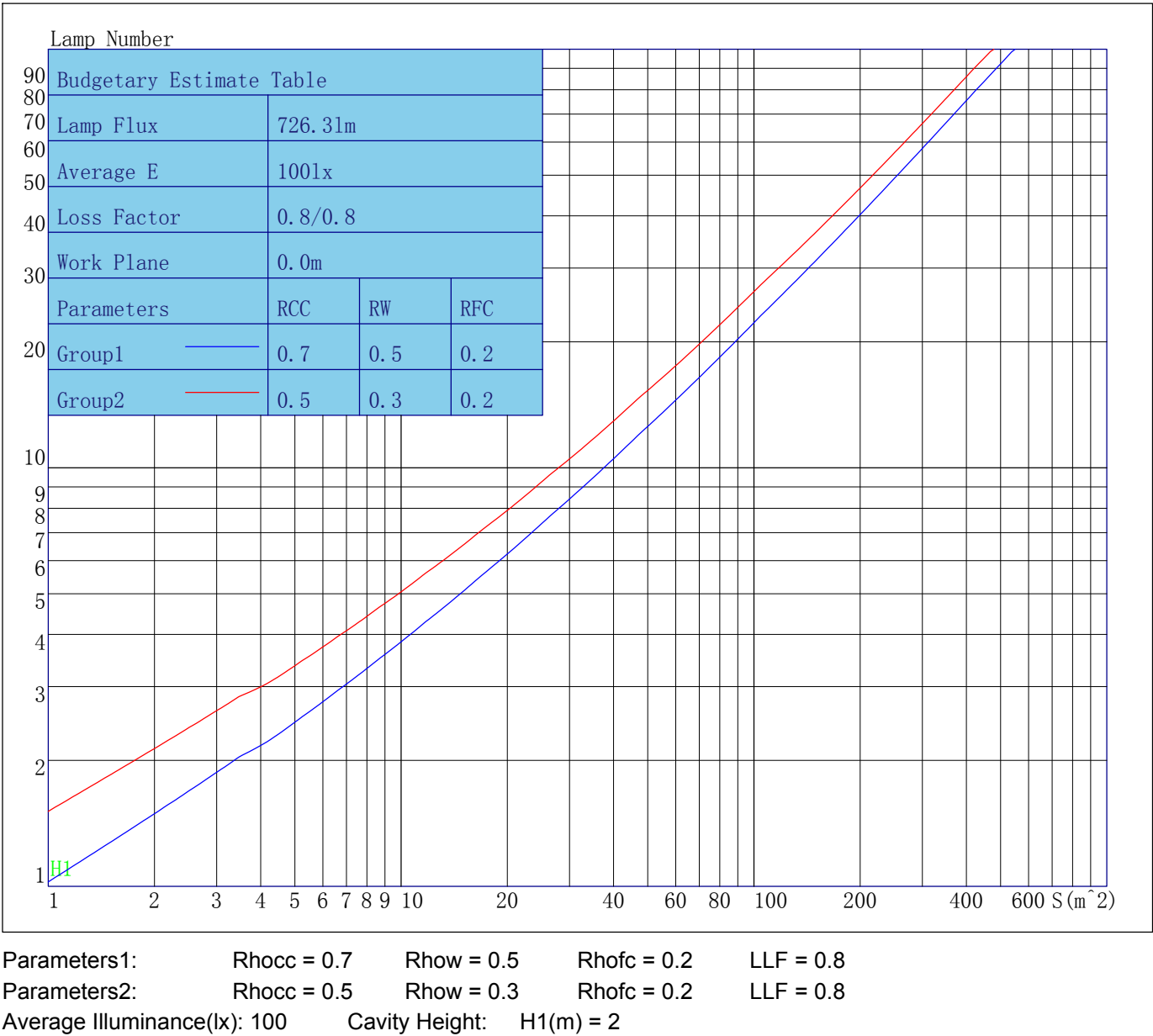
Luminous Size: Length(m)=0.000 Width(m)=-0.100 Height(m)=-0.100 Area(m^2)=0.062832

Luminous Type: Without Luminous Side

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

Indoor Budgetary Estimate Table

Lum. Name: DL52-09-XX-03 4000K RA90 150D	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lightin	Test Machine:GON-2000	Test Date: 2022/01/19



Indoor Coefficient of Utilization Table

Lum. Name: DL52-09-XX-03 4000K RA90 150D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lightin	Test Machine:GON-2000	Test Date: 2022/01/19

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	116	116	116	116	111	111	111	111	103	103	103	95	95	95	89	89	89	85
1	102	95	90	85	97	92	87	82	85	80	77	78	75	72	72	69	67	64
2	91	81	73	66	87	78	71	64	72	66	61	66	61	57	61	57	54	50
3	82	70	61	54	78	68	59	52	62	55	49	58	52	47	53	48	44	41
4	75	62	52	45	71	59	50	43	55	47	41	51	44	39	47	41	37	34
5	69	55	45	38	65	53	44	37	49	41	35	45	39	33	42	36	32	29
6	63	49	39	32	60	47	38	32	44	36	30	41	34	29	38	32	27	25
7	58	44	35	28	56	43	34	28	40	32	27	37	30	25	34	29	24	22
8	54	40	31	25	52	39	30	25	36	29	23	34	27	22	31	26	21	19
9	51	37	28	22	48	35	27	22	33	26	21	31	25	20	29	23	19	17
10	47	34	25	20	45	33	25	20	31	24	19	29	23	18	27	21	17	15

Unified Glare Rating Table

Lum. Name: DL52-09-XX-03 4000K RA90 150D	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catalog: LED	Test Lab: Quality Department
Manufacture: Shenzhen Norming Lightin	Test Machine:GON-2000	Test Date: 2022/01/19

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	15.3	16.8	15.9	17.3	18.0	14.9	16.4	15.5	16.9	17.6
	17.9	19.3	18.5	19.8	20.5	17.4	18.8	18.0	19.4	20.0
	19.3	20.6	19.9	21.2	21.9	18.8	20.1	19.4	20.7	21.4
	20.9	22.1	21.5	22.7	23.4	20.3	21.5	20.9	22.1	22.8
	21.7	22.9	22.4	23.5	24.3	21.1	22.3	21.7	22.9	23.6
	22.7	23.8	23.4	24.5	25.2	22.1	23.2	22.7	23.8	24.6
X=4H Y=2H	16.2	17.5	16.8	18.1	18.8	15.9	17.2	16.5	17.8	18.5
	19.1	20.2	19.7	20.8	21.5	18.6	19.7	19.2	20.4	21.1
	20.7	21.7	21.3	22.3	23.1	20.2	21.2	20.8	21.8	22.6
	22.4	23.3	23.1	24.0	24.8	21.9	22.8	22.5	23.4	24.2
	23.4	24.2	24.0	24.9	25.7	22.8	23.6	23.4	24.3	25.1
	24.5	25.3	25.2	26.0	26.7	23.8	24.6	24.5	25.3	26.1
X=8H Y=4H	21.3	22.2	22.0	22.8	23.6	20.8	21.7	21.5	22.4	23.2
	23.3	24.1	24.0	24.8	25.7	22.8	23.5	23.5	24.2	25.2
	24.5	25.1	25.2	25.8	26.6	23.9	24.6	24.6	25.3	26.1
	25.8	26.4	26.5	27.1	28.0	25.2	25.8	25.9	26.5	27.3
X=12H Y=4H	21.5	22.3	22.1	23.0	23.7	21.0	21.8	21.7	22.5	23.3
	23.6	24.3	24.3	24.9	25.8	23.1	23.8	23.8	24.4	25.3
	24.8	25.4	25.5	26.2	27.0	24.3	24.9	25.0	25.6	26.5
Variations with the objerver position at spacings										
S=1.0H	0.0/-0.0					0.1/-0.1				
S=1.5H	0.1/-0.1					0.1/-0.1				
S=2.0H	0.1/-0.1					0.1/-0.1				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	5.9					5.8				

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	155.86	155.86	155.86	155.86
γ 1.0	156.37	155.35	155.75	155.44
γ 2.0	156.34	155.18	155.68	155.32
γ 3.0	156.33	155.21	155.32	155.13
γ 4.0	156.34	155.06	155.02	155.07
γ 5.0	156.52	154.86	154.69	154.88
γ 6.0	156.57	154.72	154.23	154.56
γ 7.0	156.52	154.34	153.89	154.26
γ 8.0	156.18	154.04	153.25	153.94
γ 9.0	155.98	153.72	152.71	153.56
γ 10.0	155.82	153.33	152.09	153.28
γ 11.0	155.66	152.93	151.50	152.79
γ 12.0	155.47	152.31	150.90	152.51
γ 13.0	154.93	151.77	150.28	151.96
γ 14.0	154.70	151.42	149.57	151.38
γ 15.0	154.10	150.80	148.79	150.71
γ 16.0	153.69	150.12	148.03	150.21
γ 17.0	153.09	149.68	147.24	149.48
γ 18.0	152.64	149.04	146.30	148.80
γ 19.0	152.20	148.30	145.57	147.97
γ 20.0	151.62	147.62	144.60	147.18
γ 21.0	150.95	146.80	143.68	146.31
γ 22.0	150.45	146.01	142.63	145.67
γ 23.0	149.70	145.23	141.66	144.72
γ 24.0	148.99	144.33	140.59	143.82
γ 25.0	148.21	143.44	139.50	143.03
γ 26.0	147.31	142.50	138.43	141.99
γ 27.0	146.58	141.55	137.34	141.00
γ 28.0	145.86	140.51	136.09	140.04
γ 29.0	144.83	139.46	134.89	138.89
γ 30.0	143.99	138.42	133.77	137.95
γ 31.0	142.98	137.34	132.56	136.83
γ 32.0	142.08	136.34	131.33	135.74
γ 33.0	141.10	135.23	130.01	134.47
γ 34.0	140.00	133.99	128.60	133.32
γ 35.0	138.84	132.95	127.25	132.20
γ 36.0	137.72	131.68	125.96	130.85
γ 37.0	136.56	130.45	124.62	129.66
γ 38.0	135.55	129.09	123.17	128.33
γ 39.0	134.46	127.79	121.76	126.91
γ 40.0	133.21	126.47	120.37	125.64
γ 41.0	132.02	125.22	118.93	124.33
γ 42.0	130.64	123.82	117.47	123.01
γ 43.0	129.30	122.41	115.98	121.47
γ 44.0	128.28	120.93	114.49	120.12
γ 45.0	126.72	119.52	112.96	118.70
γ 46.0	125.44	118.17	111.37	117.14

IES Indoor Report

Photometric Filename:DL52-09-XX-03 4000K RA90 150D.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	123.99	116.63	109.86	115.84
γ 48.0	122.60	115.22	108.26	114.30
γ 49.0	121.21	113.85	106.77	112.77
γ 50.0	119.80	112.32	105.25	111.33
γ 51.0	118.29	110.74	103.68	109.64
γ 52.0	116.77	109.16	102.00	108.05
γ 53.0	115.27	107.64	100.39	106.71
γ 54.0	113.80	106.04	98.80	105.00
γ 55.0	112.32	104.59	97.22	103.36
γ 56.0	110.73	103.03	95.55	101.79
γ 57.0	109.21	101.50	93.87	100.27
γ 58.0	107.63	99.74	92.29	98.60
γ 59.0	106.06	98.15	90.59	97.03
γ 60.0	104.51	96.56	89.00	95.44
γ 61.0	102.84	95.09	87.38	93.83
γ 62.0	101.25	93.33	85.85	92.21
γ 63.0	99.71	91.79	84.30	90.54
γ 64.0	98.25	90.18	82.59	88.98
γ 65.0	96.52	88.55	81.04	87.37
γ 66.0	94.84	86.90	79.38	85.73
γ 67.0	93.30	85.31	77.69	84.14
γ 68.0	91.67	83.70	76.25	82.58
γ 69.0	90.11	82.05	74.66	80.95
γ 70.0	88.41	80.43	73.04	79.36
γ 71.0	86.79	78.87	71.54	77.74
γ 72.0	85.06	77.26	70.01	76.18
γ 73.0	83.40	75.74	68.38	74.63
γ 74.0	81.89	74.11	66.86	73.05
γ 75.0	80.28	72.52	65.36	71.49
γ 76.0	78.75	70.95	63.85	70.06
γ 77.0	77.08	69.54	62.40	68.40
γ 78.0	75.58	67.92	60.94	67.05
γ 79.0	73.98	66.38	59.44	65.50
γ 80.0	72.43	64.88	58.03	64.07
γ 81.0	70.85	63.37	56.60	62.57
γ 82.0	69.29	61.88	55.27	61.01
γ 83.0	67.77	60.39	53.82	59.63
γ 84.0	66.25	58.95	52.44	58.19
γ 85.0	64.79	57.51	51.19	56.80
γ 86.0	63.30	56.11	49.83	55.40
γ 87.0	61.80	54.73	48.50	54.00
γ 88.0	60.31	53.32	47.22	52.73
γ 89.0	58.97	51.94	45.94	51.37
γ 90.0	57.56	50.61	44.67	50.08
γ 91.0	56.12	49.33	43.45	48.79
γ 92.0	54.73	47.97	42.21	47.52
γ 93.0	53.39	46.72	40.99	46.23

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	52.03	45.41	39.78	44.99
γ 95.0	50.79	44.14	38.62	43.77
γ 96.0	49.35	42.91	37.43	42.55
γ 97.0	48.05	41.67	36.26	41.35
γ 98.0	46.80	40.44	35.14	40.20
γ 99.0	45.51	39.26	34.06	39.03
γ 100.0	44.25	38.08	33.00	37.93
γ 101.0	43.12	36.88	31.90	36.84
γ 102.0	41.87	35.75	30.85	35.63
γ 103.0	40.72	34.58	29.81	34.38
γ 104.0	39.57	33.49	28.82	33.20
γ 105.0	38.38	32.38	27.85	32.01
γ 106.0	37.19	31.17	26.89	30.73
γ 107.0	36.16	29.98	25.94	28.25
γ 108.0	35.04	28.79	24.99	22.76
γ 109.0	33.96	27.57	24.08	14.29
γ 110.0	32.89	24.20	23.21	7.71
γ 111.0	31.86	15.81	22.32	6.96
γ 112.0	30.04	6.00	21.39	6.93
γ 113.0	25.81	5.19	19.90	7.16
γ 114.0	18.74	5.64	17.57	6.80
γ 115.0	11.13	6.96	14.82	6.07
γ 116.0	6.77	7.69	12.36	5.53
γ 117.0	6.56	6.61	10.65	4.89
γ 118.0	7.59	5.56	9.77	4.55
γ 119.0	9.45	4.78	9.66	4.55
γ 120.0	11.00	4.46	10.30	5.00
γ 121.0	11.14	4.30	10.85	5.01
γ 122.0	10.72	4.16	10.45	4.87
γ 123.0	10.38	4.03	10.02	4.70
γ 124.0	10.51	3.89	9.56	4.54
γ 125.0	11.35	3.76	9.25	4.40
γ 126.0	12.27	3.63	9.25	4.24
γ 127.0	11.89	3.51	8.90	4.09
γ 128.0	11.45	3.39	8.41	3.94
γ 129.0	11.02	3.28	7.95	3.78
γ 130.0	10.58	3.15	7.50	3.62
γ 131.0	10.16	3.02	7.09	3.44
γ 132.0	9.75	2.90	6.67	3.21
γ 133.0	9.35	2.80	6.29	2.93
γ 134.0	8.95	2.67	5.91	2.62
γ 135.0	8.56	2.56	5.55	2.25
γ 136.0	8.18	2.45	5.21	2.07
γ 137.0	7.82	2.30	4.88	1.95
γ 138.0	7.44	2.07	4.57	1.83
γ 139.0	7.08	1.85	4.27	1.72
γ 140.0	6.73	1.59	3.99	1.61

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 141.0	6.40	1.42	3.71	1.51
γ 142.0	6.07	1.36	3.47	1.40
γ 143.0	5.75	1.30	3.23	1.30
γ 144.0	5.43	1.26	3.01	1.21
γ 145.0	5.13	1.22	2.79	1.10
γ 146.0	4.87	1.18	2.56	1.03
γ 147.0	4.57	1.14	2.36	0.96
γ 148.0	4.31	1.09	2.18	0.91
γ 149.0	4.05	1.06	2.02	0.86
γ 150.0	3.81	1.01	1.85	0.82
γ 151.0	3.56	0.98	1.70	0.80
γ 152.0	3.34	0.94	1.56	0.79
γ 153.0	3.14	0.90	1.43	0.77
γ 154.0	2.93	0.87	1.31	0.76
γ 155.0	2.72	0.84	1.19	0.73
γ 156.0	2.50	0.81	1.08	0.72
γ 157.0	2.15	0.77	0.95	0.71
γ 158.0	1.75	0.75	0.75	0.70
γ 159.0	1.18	0.71	0.54	0.68
γ 160.0	0.89	0.69	0.50	0.67
γ 161.0	0.88	0.66	0.50	0.66
γ 162.0	0.87	0.63	0.50	0.67
γ 163.0	0.83	0.62	0.50	0.67
γ 164.0	0.79	0.59	0.50	0.66
γ 165.0	0.76	0.57	0.49	0.64
γ 166.0	0.75	0.55	0.49	0.64
γ 167.0	0.75	0.56	0.49	0.63
γ 168.0	0.76	0.60	0.49	0.62
γ 169.0	0.74	0.63	0.50	0.61
γ 170.0	0.74	0.60	0.51	0.60
γ 171.0	0.71	0.61	0.51	0.60
γ 172.0	0.68	0.58	0.51	0.59
γ 173.0	0.69	0.55	0.51	0.59
γ 174.0	0.67	0.53	0.51	0.59
γ 175.0	0.66	0.49	0.52	0.58
γ 176.0	0.65	0.45	0.52	0.57
γ 177.0	0.65	0.43	0.53	0.57
γ 178.0	0.64	0.42	0.54	0.57
γ 179.0	0.62	0.43	0.54	0.56
γ 180.0	0.55	0.55	0.55	0.55