

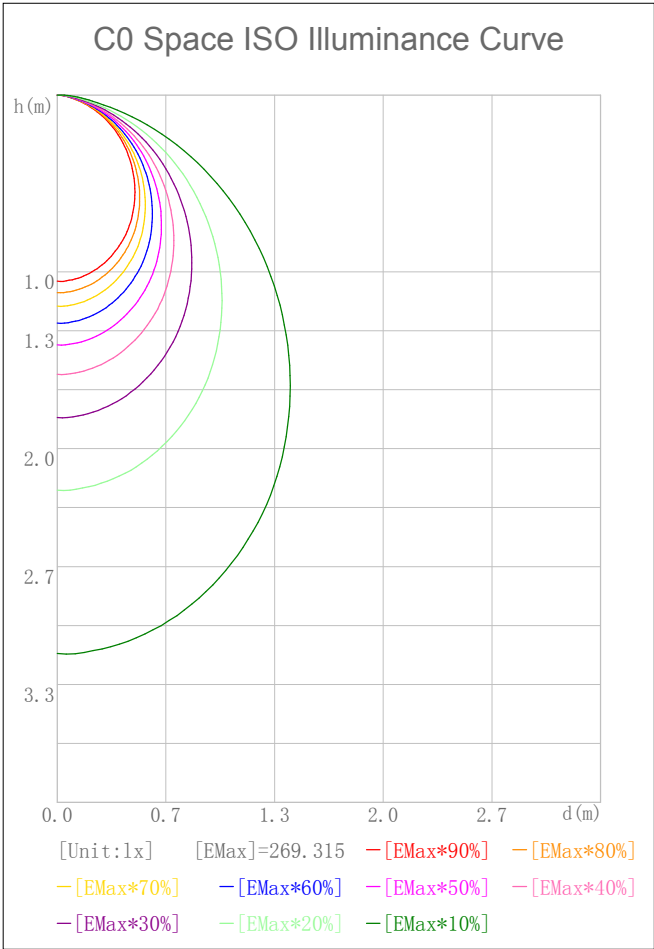
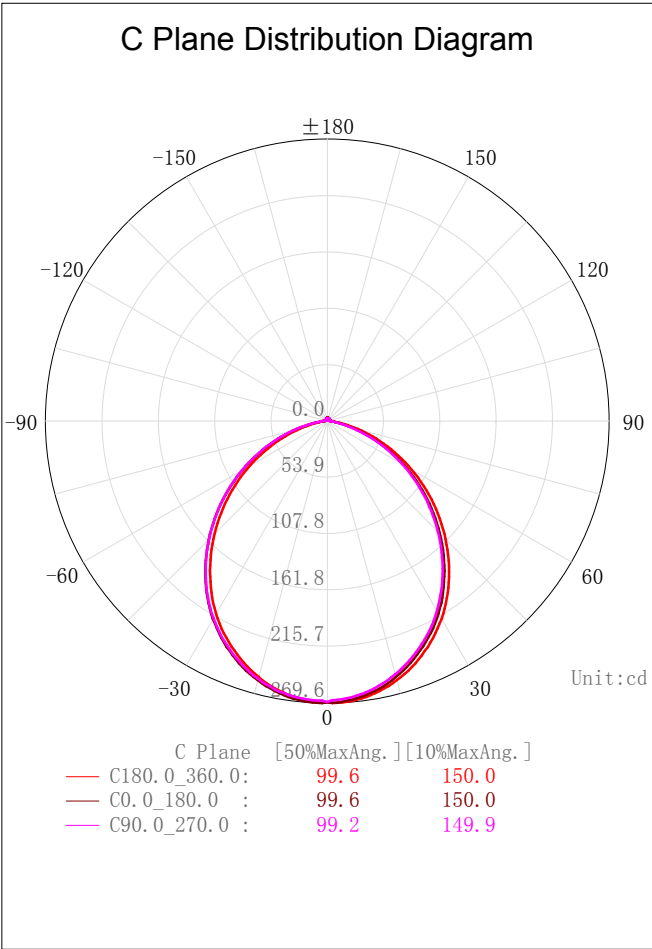
Indoor Luminaire Photometric Data

Description Information

Luminary Name:DL44-10-XX-13 4000K RA80		Lum. Catalog:	Test ID: 01
Lamp Name:		Lamp Catalog:	Test Date: 2021/08/24
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):0.075m*0.075m*0.000m		Lum.Area(m2):0.004	Lum.W(kg): 0.000
Test System: C, γ	Test Step: C=90.0 γ=1.0	Temp.(°C): 25	Humidity(%): 50.0

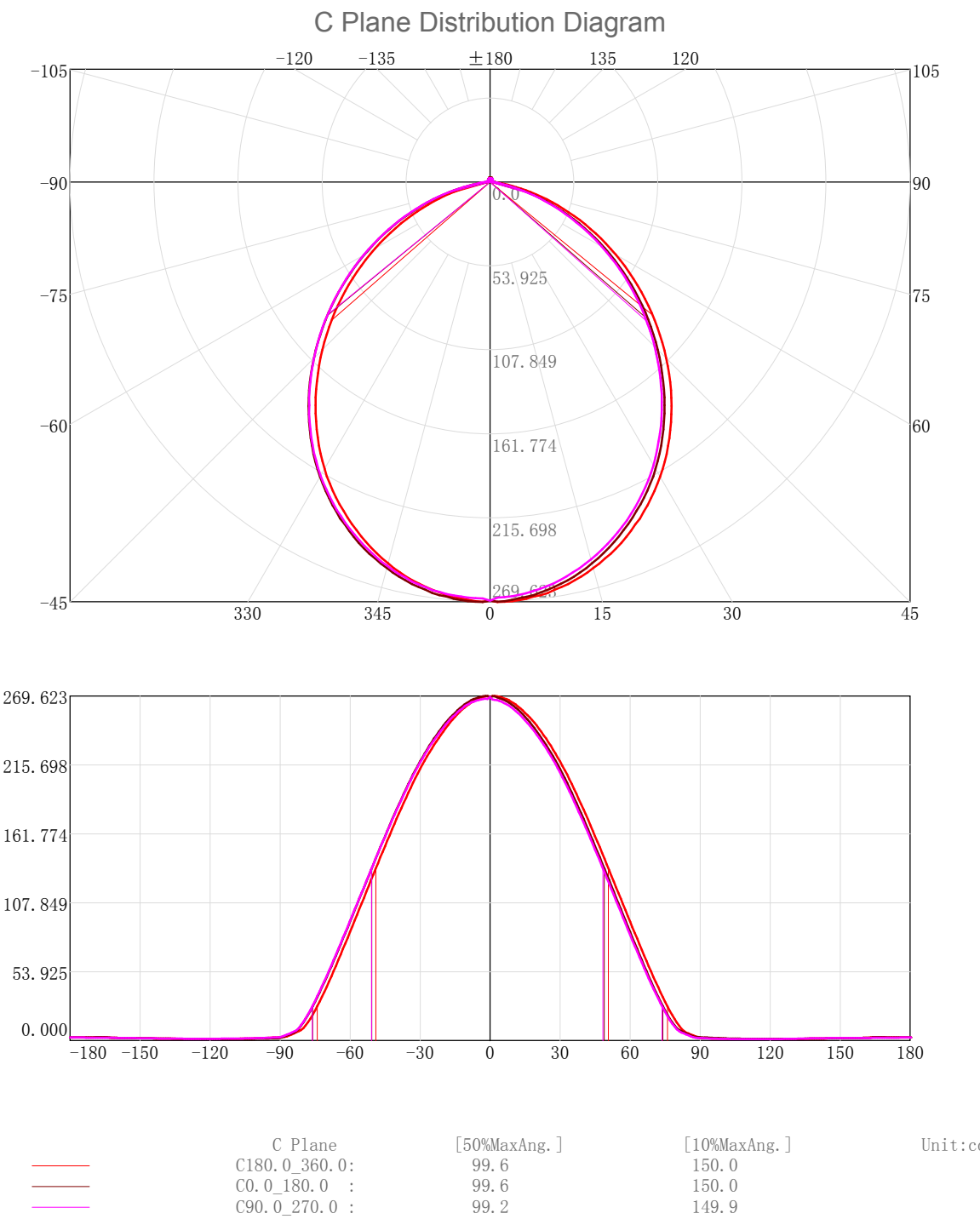
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 656.870	Luminary Flux(lm): 656.869	Field Angle(10%Imax): 150.0(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 645.900lm 98.33%	
Rated Voltage(V):	Luminary EER(lm/W): 71.711	Up Lumens&Percent: 10.969lm 1.67%	
Tested Power(W): 9.160	Max.Candela(cd): 269.623	S/MH: C0_a180=1.196 C90_270=1.187	
Lamps' Inside: 1	Max Cand@Ang.(°): C=180.0 γ=1.0	CIE Type: Semi-Direct	
Tested Electrics(V, A, pf):239.9, 0.041, 0.918		ErP Φuse(120°): 543.788lm	
Lamp Size(W*L*H):0.075m*0.075m*0.000m		IRF(%): 120.749	
		Beam Angle(50%Imax): 99.6(°)	
		Left=-48.9°, Right=50.7°	



2D Plane Light Intensity Distribution Curve

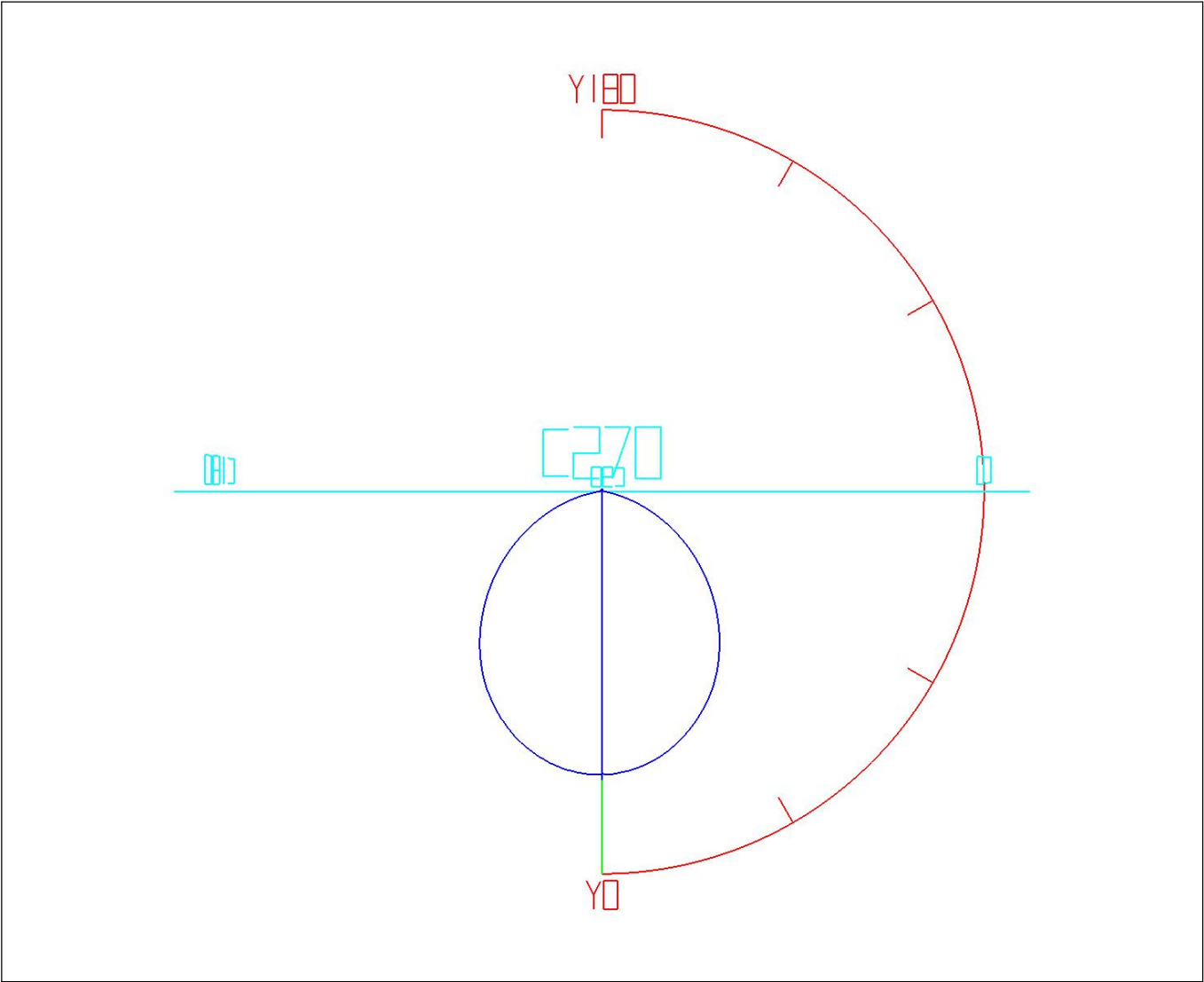
Lum. Name: DL44-10-XX-13 4000K RA80	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog:	Test Lab: Quality Deparment
Manufacture: Shenzhen Norming lightin	Test Machine:GON-2000	Test Date: 2021/08/24



3D Light Intensity Distribution Modal

Lum. Name: DL44-10-XX-13 4000K RA80	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog:	Test Lab: Quality Deparment
Manufacture: Shenzhen Norming lightin	Test Machine:GON-2000	Test Date: 2021/08/24

3D Light Intensity Distribution Modal



Curves:

3D Model

Fixture

Vert. HUD

Hori. HUD

View Angles:

Orient:0

Tilt:0

Roll:0

Spin:0

IES Indoor Report

Photometric Filename:DL44-10-XX-13 4000K RA80.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	0.26	0.26	0.04	0.04	47.0-48.0	11.67	422.40	1.78	64.30
1.0-2.0	0.77	1.03	0.12	0.16	48.0-49.0	11.49	433.89	1.75	66.05
2.0-3.0	1.28	2.31	0.20	0.35	49.0-50.0	11.30	445.20	1.72	67.78
3.0-4.0	1.79	4.10	0.27	0.62	50.0-51.0	11.10	456.29	1.69	69.46
4.0-5.0	2.30	6.40	0.35	0.97	51.0-52.0	10.87	467.16	1.66	71.12
5.0-6.0	2.80	9.20	0.43	1.40	52.0-53.0	10.63	477.80	1.62	72.74
6.0-7.0	3.30	12.50	0.50	1.90	53.0-54.0	10.38	488.17	1.58	74.32
7.0-8.0	3.79	16.29	0.58	2.48	54.0-55.0	10.11	498.28	1.54	75.86
8.0-9.0	4.28	20.56	0.65	3.13	55.0-56.0	9.83	508.11	1.50	77.35
9.0-10.0	4.75	25.32	0.72	3.85	56.0-57.0	9.54	517.64	1.45	78.80
10.0-11.0	5.22	30.54	0.80	4.65	57.0-58.0	9.23	526.88	1.41	80.21
11.0-12.0	5.68	36.22	0.87	5.51	58.0-59.0	8.92	535.79	1.36	81.57
12.0-13.0	6.13	42.35	0.93	6.45	59.0-60.0	8.59	544.38	1.31	82.88
13.0-14.0	6.57	48.92	1.00	7.45	60.0-61.0	8.25	552.63	1.26	84.13
14.0-15.0	7.00	55.92	1.07	8.51	61.0-62.0	7.91	560.54	1.20	85.33
15.0-16.0	7.41	63.33	1.13	9.64	62.0-63.0	7.55	568.09	1.15	86.48
16.0-17.0	7.82	71.15	1.19	10.83	63.0-64.0	7.19	575.28	1.09	87.58
17.0-18.0	8.21	79.36	1.25	12.08	64.0-65.0	6.82	582.10	1.04	88.62
18.0-19.0	8.58	87.94	1.31	13.39	65.0-66.0	6.45	588.55	0.98	89.60
19.0-20.0	8.95	96.89	1.36	14.75	66.0-67.0	6.07	594.62	0.92	90.52
20.0-21.0	9.29	106.18	1.41	16.16	67.0-68.0	5.69	600.31	0.87	91.39
21.0-22.0	9.62	115.80	1.47	17.63	68.0-69.0	5.31	605.62	0.81	92.20
22.0-23.0	9.94	125.74	1.51	19.14	69.0-70.0	4.92	610.54	0.75	92.95
23.0-24.0	10.24	135.98	1.56	20.70	70.0-71.0	4.54	615.07	0.69	93.64
24.0-25.0	10.52	146.51	1.60	22.30	71.0-72.0	4.15	619.23	0.63	94.27
25.0-26.0	10.79	157.30	1.64	23.95	72.0-73.0	3.78	623.00	0.57	94.84
26.0-27.0	11.04	168.34	1.68	25.63	73.0-74.0	3.40	626.40	0.52	95.36
27.0-28.0	11.27	179.61	1.72	27.34	74.0-75.0	3.03	629.44	0.46	95.82
28.0-29.0	11.48	191.09	1.75	29.09	75.0-76.0	2.68	632.12	0.41	96.23
29.0-30.0	11.68	202.77	1.78	30.87	76.0-77.0	2.33	634.45	0.35	96.59
30.0-31.0	11.85	214.61	1.80	32.67	77.0-78.0	2.00	636.45	0.31	96.89
31.0-32.0	12.00	226.61	1.83	34.50	78.0-79.0	1.70	638.15	0.26	97.15
32.0-33.0	12.13	238.74	1.85	36.34	79.0-80.0	1.42	639.57	0.22	97.37
33.0-34.0	12.23	250.97	1.86	38.21	80.0-81.0	1.18	640.75	0.18	97.55
34.0-35.0	12.32	263.29	1.88	40.08	81.0-82.0	0.98	641.73	0.15	97.70
35.0-36.0	12.39	275.68	1.89	41.97	82.0-83.0	0.83	642.56	0.13	97.82
36.0-37.0	12.43	288.11	1.89	43.86	83.0-84.0	0.71	643.28	0.11	97.93
37.0-38.0	12.46	300.57	1.90	45.76	84.0-85.0	0.62	643.90	0.09	98.03
38.0-39.0	12.47	313.04	1.90	47.66	85.0-86.0	0.54	644.44	0.08	98.11
39.0-40.0	12.46	325.50	1.90	49.55	86.0-87.0	0.46	644.90	0.07	98.18
40.0-41.0	12.42	337.92	1.89	51.44	87.0-88.0	0.38	645.28	0.06	98.24
41.0-42.0	12.37	350.30	1.88	53.33	88.0-89.0	0.33	645.61	0.05	98.29
42.0-43.0	12.30	362.60	1.87	55.20	89.0-90.0	0.29	645.90	0.04	98.33
43.0-44.0	12.21	374.81	1.86	57.06	90.0-91.0	0.26	646.16	0.04	98.37
44.0-45.0	12.10	386.91	1.84	58.90	91.0-92.0	0.25	646.41	0.04	98.41
45.0-46.0	11.98	398.89	1.82	60.73	92.0-93.0	0.24	646.66	0.04	98.44
46.0-47.0	11.84	410.73	1.80	62.53	93.0-94.0	0.23	646.89	0.04	98.48

IES Indoor Report

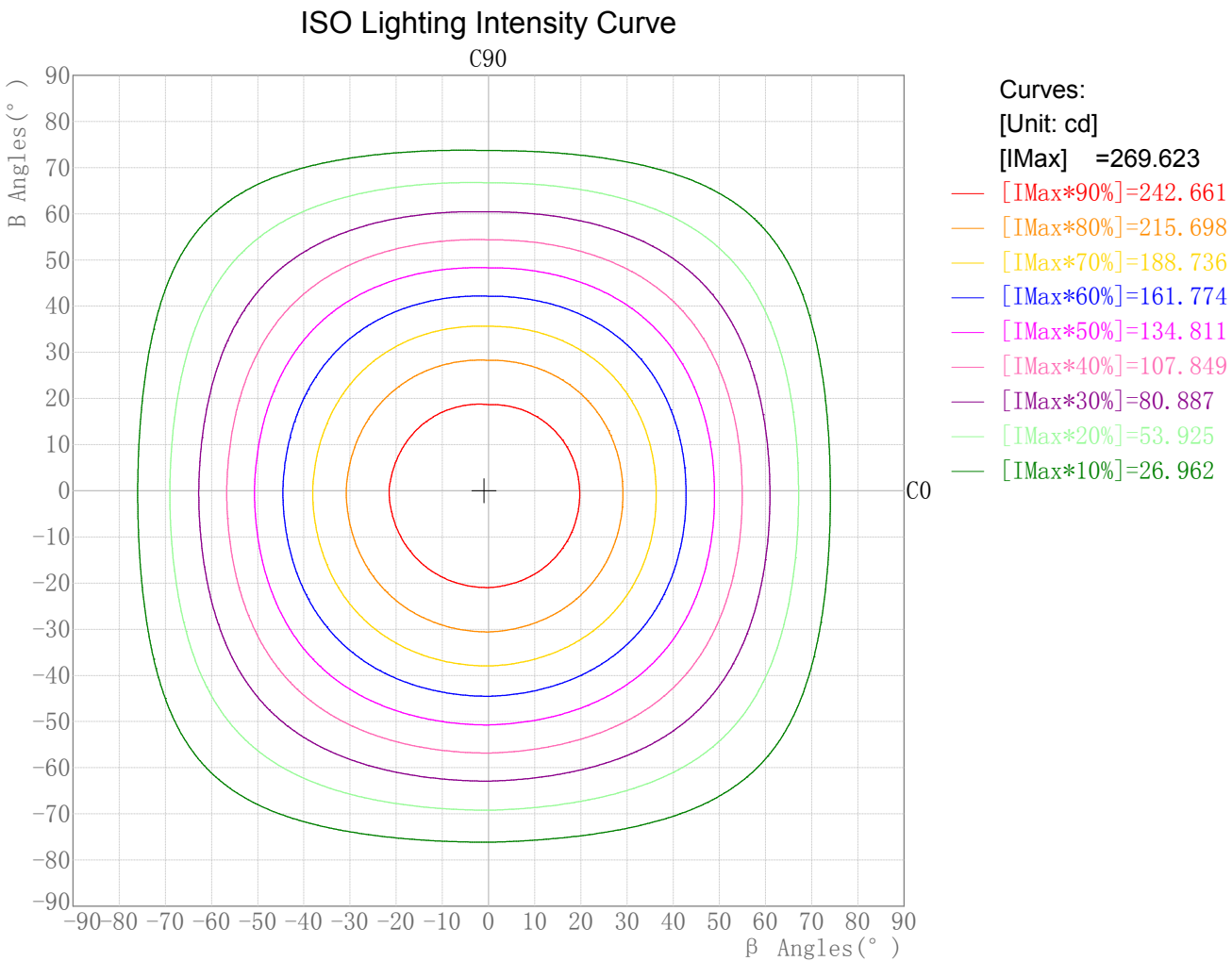
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Zonal Flux Tabulation - (Cont.)

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. 23	647. 12	0. 03	98. 52	141. 0-142. 0	0. 12	654. 03	0. 02	99. 57
95. 0-96. 0	0. 22	647. 33	0. 03	98. 55	142. 0-143. 0	0. 12	654. 15	0. 02	99. 59
96. 0-97. 0	0. 21	647. 55	0. 03	98. 58	143. 0-144. 0	0. 12	654. 27	0. 02	99. 60
97. 0-98. 0	0. 20	647. 75	0. 03	98. 61	144. 0-145. 0	0. 12	654. 39	0. 02	99. 62
98. 0-99. 0	0. 20	647. 95	0. 03	98. 64	145. 0-146. 0	0. 12	654. 51	0. 02	99. 64
99. 0-100. 0	0. 19	648. 14	0. 03	98. 67	146. 0-147. 0	0. 12	654. 63	0. 02	99. 66
100. 0-101. 0	0. 19	648. 33	0. 03	98. 70	147. 0-148. 0	0. 12	654. 74	0. 02	99. 68
101. 0-102. 0	0. 18	648. 51	0. 03	98. 73	148. 0-149. 0	0. 11	654. 86	0. 02	99. 69
102. 0-103. 0	0. 18	648. 69	0. 03	98. 75	149. 0-150. 0	0. 11	654. 97	0. 02	99. 71
103. 0-104. 0	0. 17	648. 86	0. 03	98. 78	150. 0-151. 0	0. 11	655. 08	0. 02	99. 73
104. 0-105. 0	0. 17	649. 03	0. 03	98. 81	151. 0-152. 0	0. 11	655. 19	0. 02	99. 74
105. 0-106. 0	0. 16	649. 19	0. 02	98. 83	152. 0-153. 0	0. 11	655. 29	0. 02	99. 76
106. 0-107. 0	0. 16	649. 35	0. 02	98. 86	153. 0-154. 0	0. 10	655. 40	0. 02	99. 78
107. 0-108. 0	0. 16	649. 51	0. 02	98. 88	154. 0-155. 0	0. 10	655. 49	0. 02	99. 79
108. 0-109. 0	0. 15	649. 66	0. 02	98. 90	155. 0-156. 0	0. 10	655. 59	0. 01	99. 81
109. 0-110. 0	0. 15	649. 81	0. 02	98. 93	156. 0-157. 0	0. 09	655. 68	0. 01	99. 82
110. 0-111. 0	0. 15	649. 96	0. 02	98. 95	157. 0-158. 0	0. 09	655. 77	0. 01	99. 83
111. 0-112. 0	0. 15	650. 11	0. 02	98. 97	158. 0-159. 0	0. 09	655. 86	0. 01	99. 85
112. 0-113. 0	0. 14	650. 25	0. 02	98. 99	159. 0-160. 0	0. 08	655. 95	0. 01	99. 86
113. 0-114. 0	0. 14	650. 39	0. 02	99. 01	160. 0-161. 0	0. 08	656. 03	0. 01	99. 87
114. 0-115. 0	0. 14	650. 53	0. 02	99. 04	161. 0-162. 0	0. 08	656. 11	0. 01	99. 88
115. 0-116. 0	0. 14	650. 67	0. 02	99. 06	162. 0-163. 0	0. 08	656. 18	0. 01	99. 90
116. 0-117. 0	0. 14	650. 81	0. 02	99. 08	163. 0-164. 0	0. 07	656. 26	0. 01	99. 91
117. 0-118. 0	0. 13	650. 94	0. 02	99. 10	164. 0-165. 0	0. 07	656. 33	0. 01	99. 92
118. 0-119. 0	0. 13	651. 08	0. 02	99. 12	165. 0-166. 0	0. 07	656. 40	0. 01	99. 93
119. 0-120. 0	0. 13	651. 21	0. 02	99. 14	166. 0-167. 0	0. 07	656. 46	0. 01	99. 94
120. 0-121. 0	0. 13	651. 34	0. 02	99. 16	167. 0-168. 0	0. 06	656. 53	0. 01	99. 95
121. 0-122. 0	0. 13	651. 47	0. 02	99. 18	168. 0-169. 0	0. 06	656. 58	0. 01	99. 96
122. 0-123. 0	0. 13	651. 60	0. 02	99. 20	169. 0-170. 0	0. 05	656. 63	0. 01	99. 96
123. 0-124. 0	0. 13	651. 73	0. 02	99. 22	170. 0-171. 0	0. 04	656. 68	0. 01	99. 97
124. 0-125. 0	0. 13	651. 86	0. 02	99. 24	171. 0-172. 0	0. 04	656. 72	0. 01	99. 98
125. 0-126. 0	0. 13	651. 99	0. 02	99. 26	172. 0-173. 0	0. 04	656. 75	0. 01	99. 98
126. 0-127. 0	0. 13	652. 12	0. 02	99. 28	173. 0-174. 0	0. 03	656. 78	0. 00	99. 99
127. 0-128. 0	0. 13	652. 25	0. 02	99. 30	174. 0-175. 0	0. 03	656. 81	0. 00	99. 99
128. 0-129. 0	0. 13	652. 38	0. 02	99. 32	175. 0-176. 0	0. 02	656. 83	0. 00	99. 99
129. 0-130. 0	0. 13	652. 51	0. 02	99. 34	176. 0-177. 0	0. 02	656. 85	0. 00	100. 00
130. 0-131. 0	0. 13	652. 63	0. 02	99. 36	177. 0-178. 0	0. 01	656. 86	0. 00	100. 00
131. 0-132. 0	0. 13	652. 76	0. 02	99. 37	178. 0-179. 0	0. 01	656. 87	0. 00	100. 00
132. 0-133. 0	0. 13	652. 89	0. 02	99. 39	179. 0-180. 0	0. 00	656. 87	0. 00	100. 00
133. 0-134. 0	0. 13	653. 02	0. 02	99. 41					
134. 0-135. 0	0. 13	653. 15	0. 02	99. 43					
135. 0-136. 0	0. 13	653. 27	0. 02	99. 45					
136. 0-137. 0	0. 13	653. 40	0. 02	99. 47					
137. 0-138. 0	0. 13	653. 53	0. 02	99. 49					
138. 0-139. 0	0. 13	653. 65	0. 02	99. 51					
139. 0-140. 0	0. 13	653. 78	0. 02	99. 53					
140. 0-141. 0	0. 12	653. 90	0. 02	99. 55					

Rectangle ISO Lighting Intensity Diagram

Lum. Name: DL44-10-XX-13 4000K RA80	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog:	Test Lab: Quality Deparment
Manufacture: Shenzhen Norming lightin	Test Machine:GON-2000	Test Date: 2021/08/24

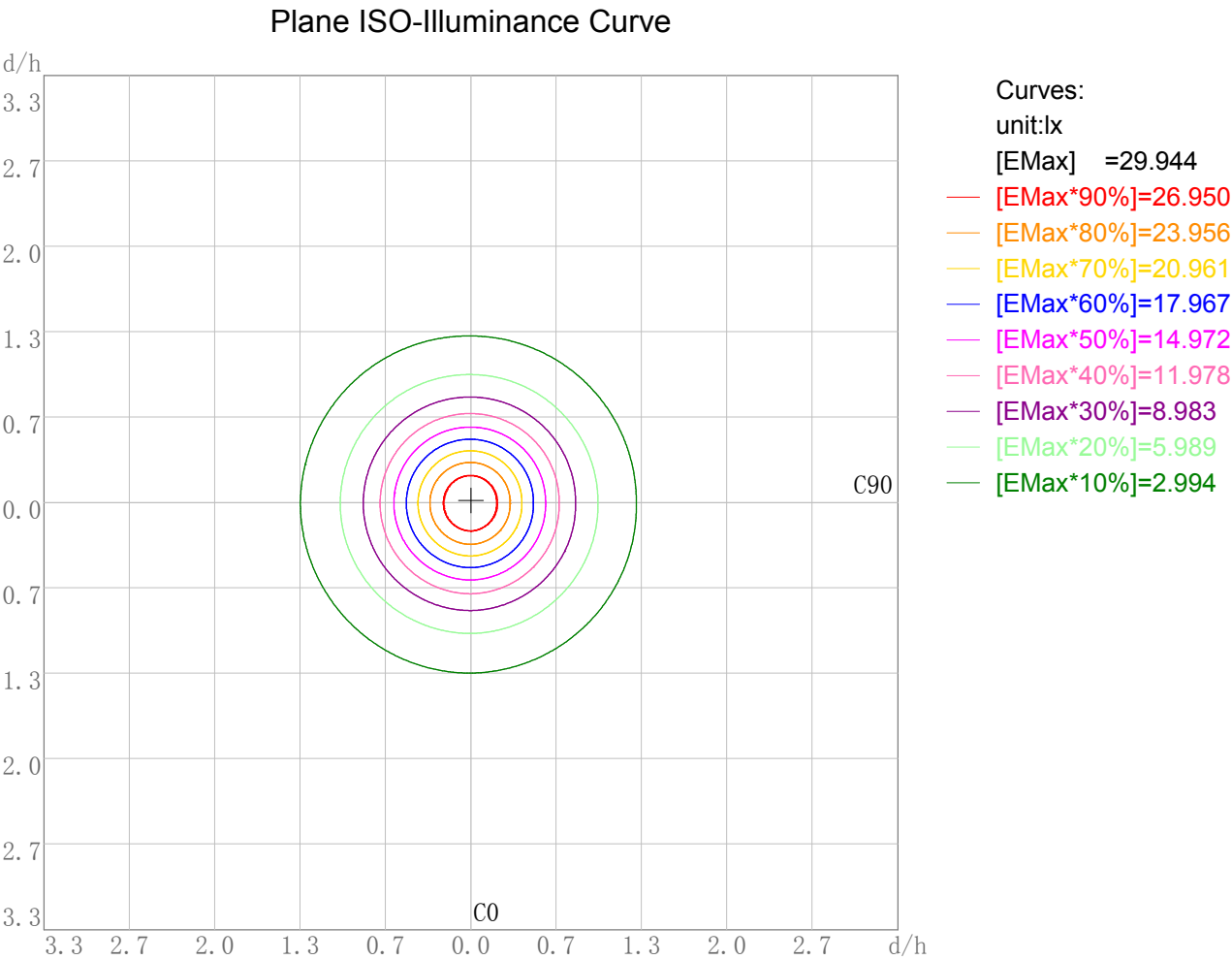


Maximum Light Intensity(cd): 269.62

Maximum Cand.@Angle: H=-1.0°,V=0.0°

Plane ISO-Illuminance Diagram

Lum. Name: DL44-10-XX-13 4000K RA80	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog:	Test Lab: Quality Department
Manufacture: Shenzhen Norming lightin	Test Machine:GON-2000	Test Date: 2021/08/24



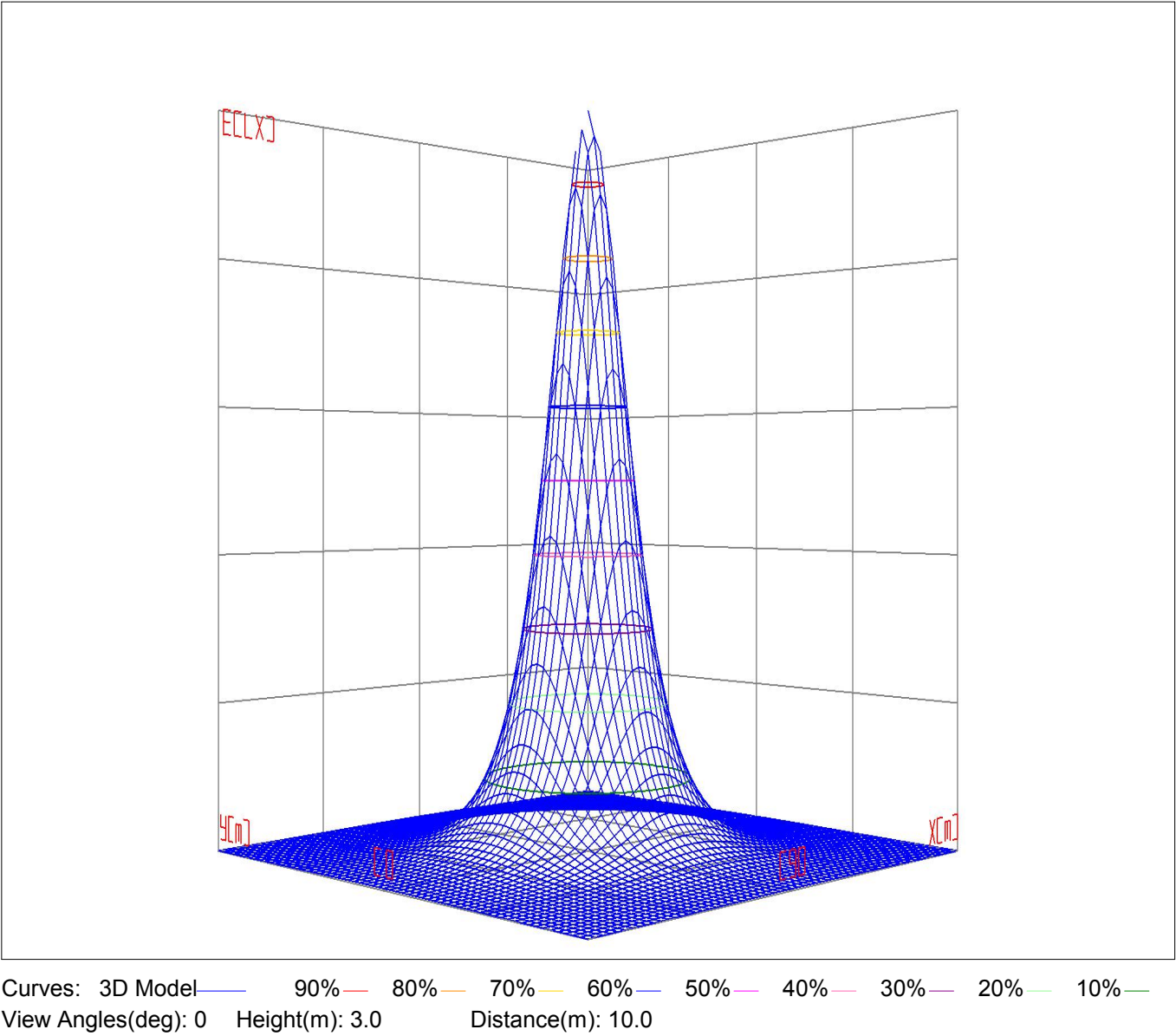
Working Plane Luminaire Mounting Height(m): 3.00  
Working Plane Maximum Illuminance(lx): 29.94  
Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.0

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3D Plane ISO Illuminance Diagram

Lum. Name: DL44-10-XX-13 4000K RA80	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog:	Test Lab: Quality Deparment
Manufacture: Shenzhen Norming lightin	Test Machine:GON-2000	Test Date: 2021/08/24

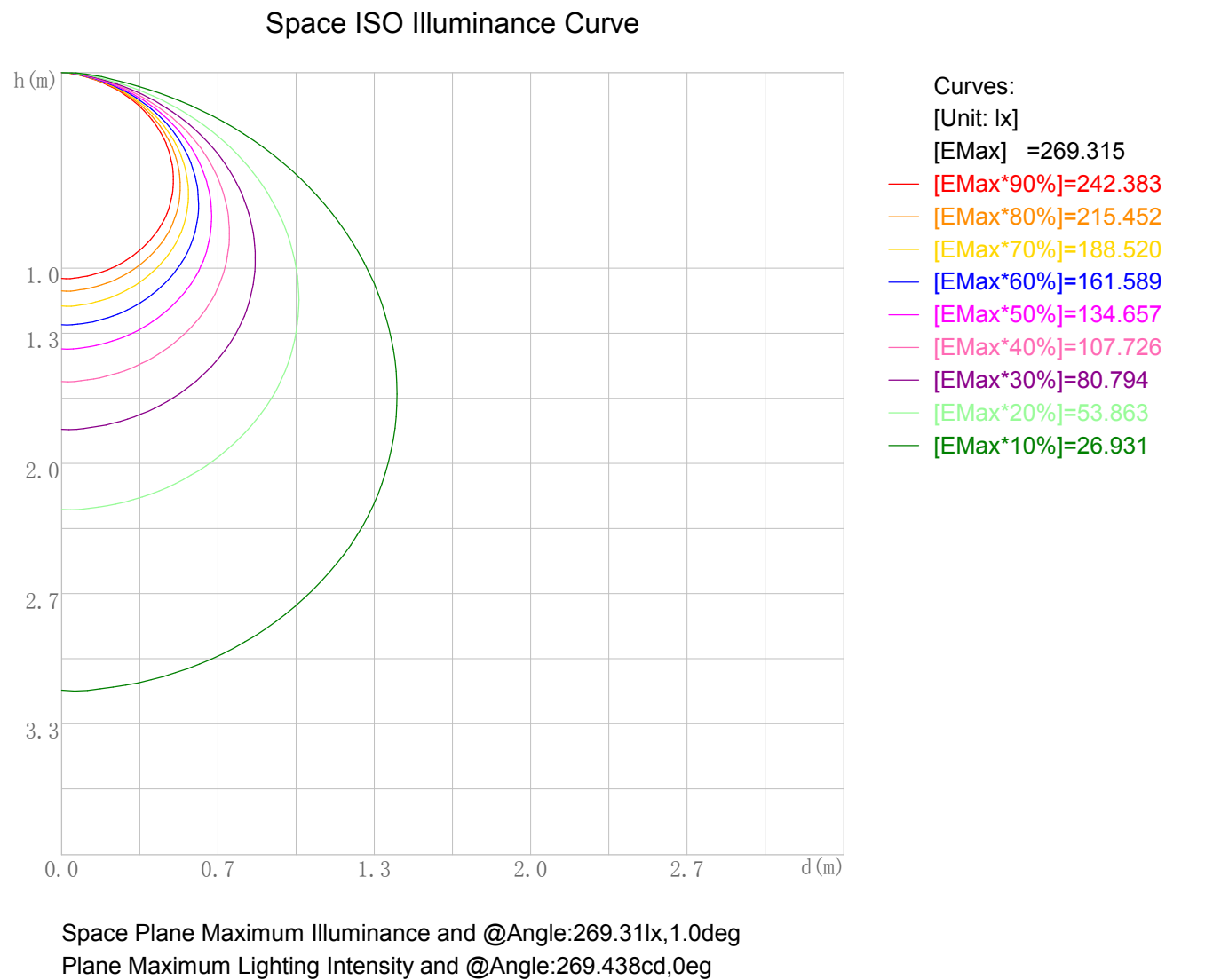
3D Plane Illuminance Modal





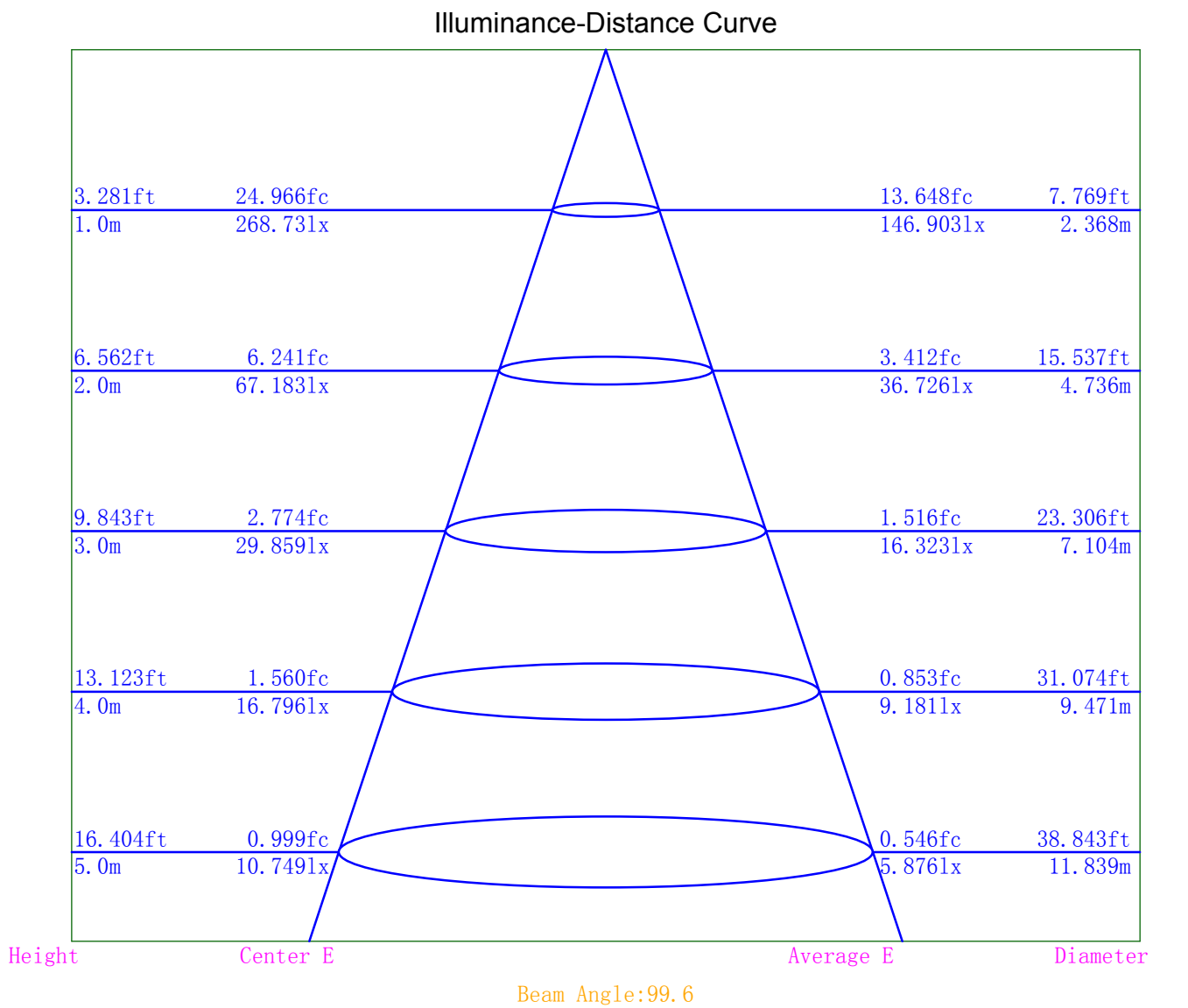
Space ISO Illuminance Diagram

Lum. Name: DL44-10-XX-13 4000K RA80	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog:	Test Lab: Quality Department
Manufacture: Shenzhen Norming lightin	Test Machine: GON-2000	Test Date: 2021/08/24



Illuminance-Distance Diagram

Lum. Name: DL44-10-XX-13 4000K RA80	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog:	Test Lab: Quality Department
Manufacture: Shenzhen Norming lightin	Test Machine:GON-2000	Test Date: 2021/08/24



Indoor Luminance Limiting Curves

Lum. Name: DL44-10-XX-13 4000K RA80	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog:	Test Lab: Quality Department
Manufacture: Shenzhen Norming lightin	Test Machine:GON-2000	Test Date: 2021/08/24

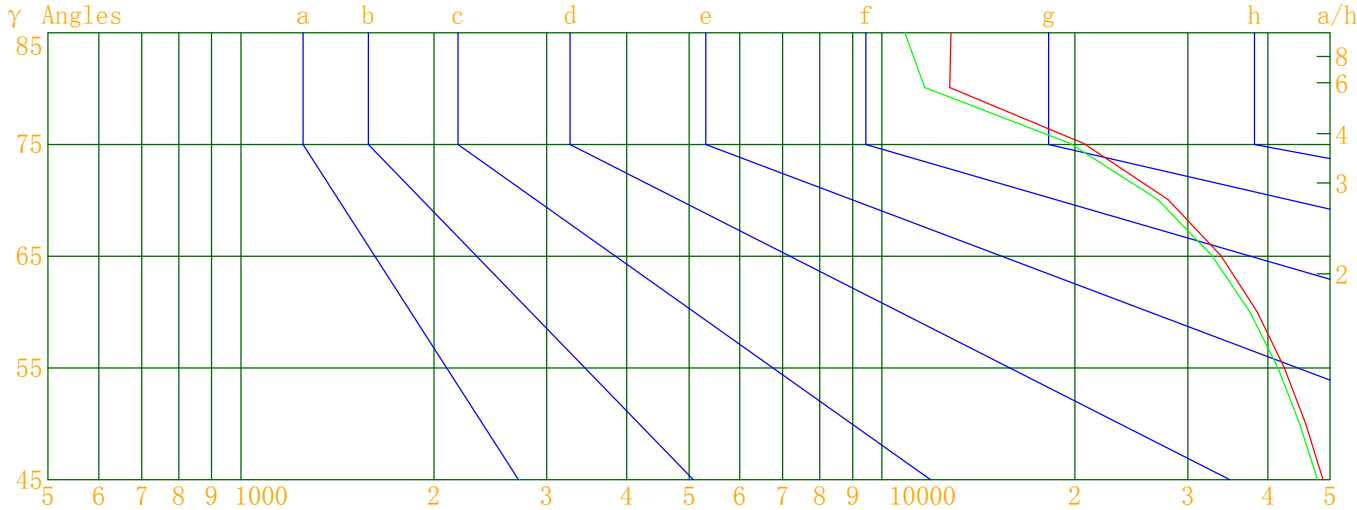
Glare Grade Table

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	48739	45813	42432	38488	33763	27950	20655	12761	12817
C90	47829	44844	41431	37447	32722	26927	19670	11656	10856

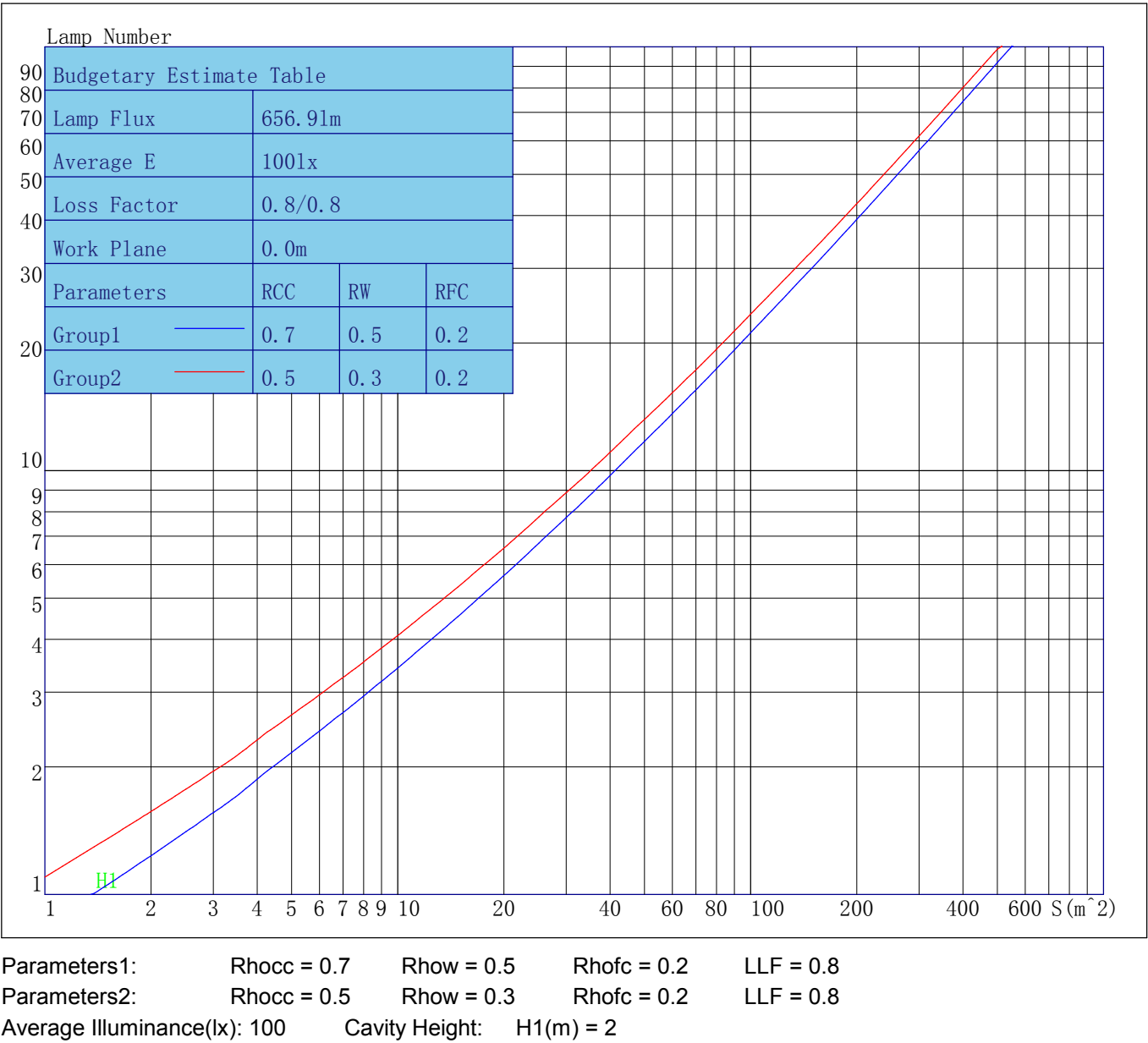
Luminance Limiting Curve



Luminous Size: Length(m)=-0.075 Width(m)=-0.075 Height(m)=0.000 Area(m^2)=0.004418  
Luminous Type: Without Luminous Side  
Luminous Curves: C0-C180 Color: — C90-C270 Color: —

Indoor Budgetary Estimate Table

Lum. Name: DL44-10-XX-13 4000K RA80	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog:	Test Lab: Quality Department
Manufacture: Shenzhen Norming lightin	Test Machine:GON-2000	Test Date: 2021/08/24



Indoor Coefficient of Utilization Table

Lum. Name: DL44-10-XX-13 4000K RA80	Lum. Catelog:	Test ID: 01
Lamp Name:	Lamp Catelog:	Test Lab: Quality Deparment
Manufacture: Shenzhen Norming lightin	Test Machine:GON-2000	Test Date: 2021/08/24

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	110	110	110	105	105	105	101	101	101	98
1	109	105	101	98	107	103	99	96	98	95	93	94	92	90	90	88	87	84
2	100	93	86	81	97	91	85	80	87	82	78	83	79	76	80	77	74	72
3	92	82	74	68	89	80	73	67	77	71	66	74	69	65	71	67	63	61
4	84	73	65	58	82	72	64	58	69	62	57	66	61	56	64	59	55	53
5	78	66	57	51	76	64	56	50	62	55	50	60	54	49	58	53	48	46
6	72	59	51	45	70	58	50	44	56	49	44	54	48	43	53	47	43	41
7	67	54	45	40	65	53	45	39	51	44	39	50	43	39	48	43	38	36
8	62	49	41	35	61	49	41	35	47	40	35	46	39	35	44	39	34	32
9	58	45	37	32	57	45	37	32	43	36	32	42	36	31	41	35	31	29
10	55	42	34	29	53	41	34	29	40	33	29	39	33	29	38	33	28	27

Unified Glare Rating Table

Lum. Name: DL44-10-XX-13 4000K RA80	Lum. Catalog:	Test ID: 01
Lamp Name:	Lamp Catalog:	Test Lab: Quality Department
Manufacture: Shenzhen Norming lighting	Test Machine:GON-2000	Test Date: 2021/08/24

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	25.1	26.7	25.5	27.0	27.4	25.0	26.6	25.4	26.9	27.3
	26.2	27.6	26.6	27.9	28.3	26.1	27.4	26.5	27.8	28.2
	26.5	27.8	26.9	28.2	28.6	26.3	27.6	26.8	28.0	28.4
	26.6	27.8	27.0	28.2	28.6	26.4	27.6	26.9	28.0	28.5
	26.6	27.7	27.1	28.2	28.6	26.4	27.6	26.9	28.0	28.4
	26.6	27.7	27.1	28.1	28.6	26.4	27.5	26.9	27.9	28.4
X=4H    Y=2H	25.7	27.0	26.2	27.4	27.8	25.6	26.9	26.1	27.3	27.7
	27.0	28.0	27.4	28.4	28.9	26.8	27.9	27.3	28.3	28.8
	27.3	28.3	27.8	28.7	29.2	27.2	28.1	27.6	28.6	29.0
	27.5	28.3	28.0	28.8	29.3	27.3	28.1	27.8	28.6	29.1
	27.5	28.3	28.0	28.7	29.2	27.3	28.1	27.8	28.6	29.1
	27.5	28.2	28.0	28.7	29.2	27.3	28.0	27.8	28.5	29.0
X=8H    Y=4H	27.4	28.2	27.9	28.7	29.2	27.3	28.1	27.8	28.5	29.1
	27.6	28.3	28.2	28.8	29.4	27.5	28.1	28.0	28.6	29.2
	27.7	28.3	28.2	28.8	29.3	27.5	28.1	28.1	28.6	29.1
	27.8	28.3	28.3	28.8	29.4	27.6	28.1	28.1	28.6	29.2
X=12H    Y=4H	27.4	28.1	27.9	28.6	29.1	27.3	28.0	27.8	28.5	29.0
	27.6	28.2	28.2	28.7	29.3	27.5	28.0	28.0	28.5	29.1
	27.7	28.2	28.2	28.7	29.3	27.5	28.0	28.1	28.6	29.2
Variations with the objerver position at spacings										
S=1.0H	0.7/-0.8					0.8/-0.9				
S=1.5H	1.5/-1.7					1.6/-1.8				
S=2.0H	1.9/-2.6					2.0/-2.7				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	1.7					1.6				

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	268.73	268.73	268.73	268.73
γ 1.0	269.44	266.93	269.62	267.31
γ 2.0	269.34	266.61	269.56	267.42
γ 3.0	268.62	266.39	269.43	267.22
γ 4.0	267.86	265.80	268.97	266.76
γ 5.0	267.37	265.08	268.56	266.36
γ 6.0	266.64	264.01	267.62	265.94
γ 7.0	265.54	263.21	267.23	265.07
γ 8.0	264.51	262.11	266.37	264.65
γ 9.0	263.16	260.90	265.10	263.48
γ 10.0	261.96	259.48	264.09	262.50
γ 11.0	260.50	257.94	262.96	261.49
γ 12.0	259.01	256.17	261.37	259.70
γ 13.0	257.20	254.68	259.93	258.52
γ 14.0	255.43	252.59	258.35	256.92
γ 15.0	253.32	250.70	256.49	255.02
γ 16.0	251.31	248.57	254.75	253.47
γ 17.0	249.14	246.43	252.72	251.40
γ 18.0	246.83	244.23	250.94	249.27
γ 19.0	244.45	241.85	248.70	247.16
γ 20.0	241.98	239.43	246.53	244.92
γ 21.0	239.41	236.87	243.92	242.58
γ 22.0	236.77	234.33	241.60	240.24
γ 23.0	234.07	231.50	238.73	237.72
γ 24.0	231.16	228.67	236.47	234.91
γ 25.0	228.33	225.79	233.43	232.49
γ 26.0	225.39	222.68	230.80	229.68
γ 27.0	222.53	219.65	227.61	226.73
γ 28.0	219.14	216.53	224.66	223.70
γ 29.0	216.04	213.24	221.44	220.69
γ 30.0	212.57	209.79	218.49	217.53
γ 31.0	208.99	206.07	215.13	214.40
γ 32.0	205.49	202.53	211.68	210.81
γ 33.0	201.66	198.64	208.15	207.41
γ 34.0	197.85	195.07	204.36	203.75
γ 35.0	193.94	191.19	200.84	200.11
γ 36.0	189.93	187.23	196.87	196.23
γ 37.0	185.97	183.06	193.09	192.48
γ 38.0	181.92	179.13	189.10	188.58
γ 39.0	177.88	175.03	185.09	184.47
γ 40.0	173.66	170.75	181.00	180.61
γ 41.0	169.42	166.61	177.01	176.53
γ 42.0	165.12	162.41	172.76	172.40
γ 43.0	160.79	158.08	168.49	168.22
γ 44.0	156.65	153.76	164.14	164.03
γ 45.0	152.26	149.41	159.76	159.74
γ 46.0	147.78	145.12	155.64	155.49

IES Indoor Report

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Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 47.0	143.35	140.61	151.22	151.14
γ 48.0	138.80	136.10	146.79	146.81
γ 49.0	134.52	131.74	142.32	142.50
γ 50.0	130.10	127.35	137.90	138.11
γ 51.0	125.69	122.91	133.46	133.60
γ 52.0	121.08	118.40	129.04	129.27
γ 53.0	116.49	113.93	124.52	124.85
γ 54.0	111.97	109.50	120.06	120.26
γ 55.0	107.52	104.99	115.48	115.86
γ 56.0	103.01	100.54	111.08	111.52
γ 57.0	98.53	96.10	106.49	107.08
γ 58.0	94.05	91.66	102.11	102.64
γ 59.0	89.54	87.16	97.59	98.21
γ 60.0	85.02	82.72	93.14	93.75
γ 61.0	80.60	78.37	88.68	89.35
γ 62.0	76.17	74.02	84.26	84.87
γ 63.0	71.73	69.68	79.85	80.51
γ 64.0	67.38	65.39	75.47	76.13
γ 65.0	63.04	61.10	71.02	71.79
γ 66.0	58.70	56.95	66.79	67.51
γ 67.0	54.53	52.74	62.46	63.27
γ 68.0	50.38	48.65	58.25	59.01
γ 69.0	46.28	44.60	54.05	54.81
γ 70.0	42.23	40.69	49.94	50.67
γ 71.0	38.26	36.82	45.89	46.58
γ 72.0	34.40	33.06	41.96	42.62
γ 73.0	30.69	29.39	37.98	38.70
γ 74.0	27.07	25.87	34.21	34.87
γ 75.0	23.62	22.49	30.52	31.11
γ 76.0	20.28	19.28	26.91	27.49
γ 77.0	17.20	16.28	23.49	23.99
γ 78.0	14.41	13.50	20.21	20.68
γ 79.0	11.89	11.04	17.14	17.58
γ 80.0	9.79	8.94	14.29	14.69
γ 81.0	8.30	7.37	11.67	12.09
γ 82.0	7.41	6.46	9.42	9.88
γ 83.0	6.55	5.69	7.62	8.19
γ 84.0	5.74	4.93	6.50	7.23
γ 85.0	4.93	4.18	5.72	6.41
γ 86.0	4.16	3.47	4.95	5.60
γ 87.0	3.42	2.80	4.20	4.82
γ 88.0	3.00	2.26	3.48	4.06
γ 89.0	2.88	2.17	2.81	3.35
γ 90.0	2.78	2.10	2.18	2.76
γ 91.0	2.66	2.03	2.00	2.63
γ 92.0	2.56	1.95	1.94	2.54
γ 93.0	2.46	1.88	1.90	2.46



Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
γ 94.0	2.37	1.81	1.84	2.39
γ 95.0	2.28	1.74	1.80	2.32
γ 96.0	2.21	1.68	1.76	2.26
γ 97.0	2.12	1.62	1.72	2.19
γ 98.0	2.04	1.57	1.68	2.13
γ 99.0	1.98	1.52	1.63	2.08
γ 100.0	1.91	1.47	1.60	2.03
γ 101.0	1.86	1.42	1.58	1.97
γ 102.0	1.81	1.39	1.55	1.93
γ 103.0	1.75	1.35	1.52	1.89
γ 104.0	1.71	1.31	1.50	1.85
γ 105.0	1.67	1.29	1.48	1.83
γ 106.0	1.63	1.26	1.46	1.80
γ 107.0	1.60	1.24	1.45	1.77
γ 108.0	1.56	1.23	1.43	1.74
γ 109.0	1.53	1.21	1.42	1.71
γ 110.0	1.51	1.21	1.41	1.70
γ 111.0	1.49	1.20	1.39	1.67
γ 112.0	1.47	1.20	1.38	1.65
γ 113.0	1.45	1.19	1.38	1.63
γ 114.0	1.44	1.19	1.37	1.61
γ 115.0	1.43	1.20	1.36	1.60
γ 116.0	1.44	1.19	1.36	1.58
γ 117.0	1.42	1.20	1.36	1.57
γ 118.0	1.42	1.21	1.35	1.56
γ 119.0	1.41	1.22	1.36	1.56
γ 120.0	1.42	1.25	1.36	1.55
γ 121.0	1.43	1.26	1.37	1.55
γ 122.0	1.43	1.28	1.37	1.54
γ 123.0	1.44	1.31	1.38	1.54
γ 124.0	1.44	1.33	1.39	1.55
γ 125.0	1.45	1.36	1.40	1.55
γ 126.0	1.47	1.40	1.40	1.55
γ 127.0	1.47	1.43	1.42	1.57
γ 128.0	1.50	1.47	1.43	1.57
γ 129.0	1.50	1.50	1.45	1.58
γ 130.0	1.52	1.54	1.47	1.58
γ 131.0	1.54	1.59	1.49	1.59
γ 132.0	1.55	1.63	1.50	1.61
γ 133.0	1.57	1.65	1.52	1.62
γ 134.0	1.59	1.70	1.54	1.63
γ 135.0	1.61	1.75	1.56	1.66
γ 136.0	1.64	1.79	1.59	1.67
γ 137.0	1.66	1.83	1.61	1.70
γ 138.0	1.67	1.85	1.64	1.72
γ 139.0	1.72	1.88	1.66	1.73
γ 140.0	1.73	1.90	1.69	1.75

**Photometric Filename:DL44-10-XX-13 4000K RA80.IES**

V/H	C0. 0	C90. 0	C180. 0	C270. 0
$\gamma$ 141. 0	1. 76	1. 93	1. 72	1. 77
$\gamma$ 142. 0	1. 78	1. 94	1. 75	1. 80
$\gamma$ 143. 0	1. 80	1. 95	1. 78	1. 82
$\gamma$ 144. 0	1. 83	2. 02	1. 79	1. 84
$\gamma$ 145. 0	1. 85	2. 11	1. 82	1. 87
$\gamma$ 146. 0	1. 88	2. 12	1. 87	1. 89
$\gamma$ 147. 0	1. 92	2. 14	1. 89	1. 92
$\gamma$ 148. 0	1. 94	2. 14	1. 92	1. 94
$\gamma$ 149. 0	1. 96	2. 15	1. 95	1. 96
$\gamma$ 150. 0	1. 98	2. 17	1. 97	1. 98
$\gamma$ 151. 0	2. 02	2. 18	2. 00	2. 00
$\gamma$ 152. 0	2. 04	2. 19	2. 03	2. 04
$\gamma$ 153. 0	2. 06	2. 20	2. 06	2. 06
$\gamma$ 154. 0	2. 10	2. 16	2. 08	2. 08
$\gamma$ 155. 0	2. 11	2. 03	2. 12	2. 11
$\gamma$ 156. 0	2. 14	2. 04	2. 14	2. 14
$\gamma$ 157. 0	2. 17	2. 06	2. 17	2. 15
$\gamma$ 158. 0	2. 19	2. 08	2. 20	2. 17
$\gamma$ 159. 0	2. 21	2. 12	2. 22	2. 20
$\gamma$ 160. 0	2. 24	2. 14	2. 25	2. 23
$\gamma$ 161. 0	2. 27	2. 17	2. 27	2. 24
$\gamma$ 162. 0	2. 37	2. 19	2. 35	2. 26
$\gamma$ 163. 0	2. 43	2. 21	2. 47	2. 29
$\gamma$ 164. 0	2. 67	2. 24	2. 57	2. 30
$\gamma$ 165. 0	2. 77	2. 27	2. 70	2. 32
$\gamma$ 166. 0	2. 82	2. 28	2. 73	2. 34
$\gamma$ 167. 0	2. 85	2. 31	2. 77	2. 35
$\gamma$ 168. 0	2. 85	2. 33	2. 79	2. 37
$\gamma$ 169. 0	2. 76	2. 35	2. 80	2. 39
$\gamma$ 170. 0	2. 58	2. 37	2. 64	2. 40
$\gamma$ 171. 0	2. 47	2. 38	2. 48	2. 42
$\gamma$ 172. 0	2. 48	2. 41	2. 49	2. 43
$\gamma$ 173. 0	2. 50	2. 42	2. 51	2. 45
$\gamma$ 174. 0	2. 51	2. 43	2. 52	2. 46
$\gamma$ 175. 0	2. 53	2. 44	2. 53	2. 47
$\gamma$ 176. 0	2. 53	2. 45	2. 54	2. 48
$\gamma$ 177. 0	2. 54	2. 47	2. 54	2. 49
$\gamma$ 178. 0	2. 55	2. 46	2. 54	2. 49
$\gamma$ 179. 0	2. 54	2. 47	2. 55	2. 49
$\gamma$ 180. 0	2. 53	2. 53	2. 53	2. 53