

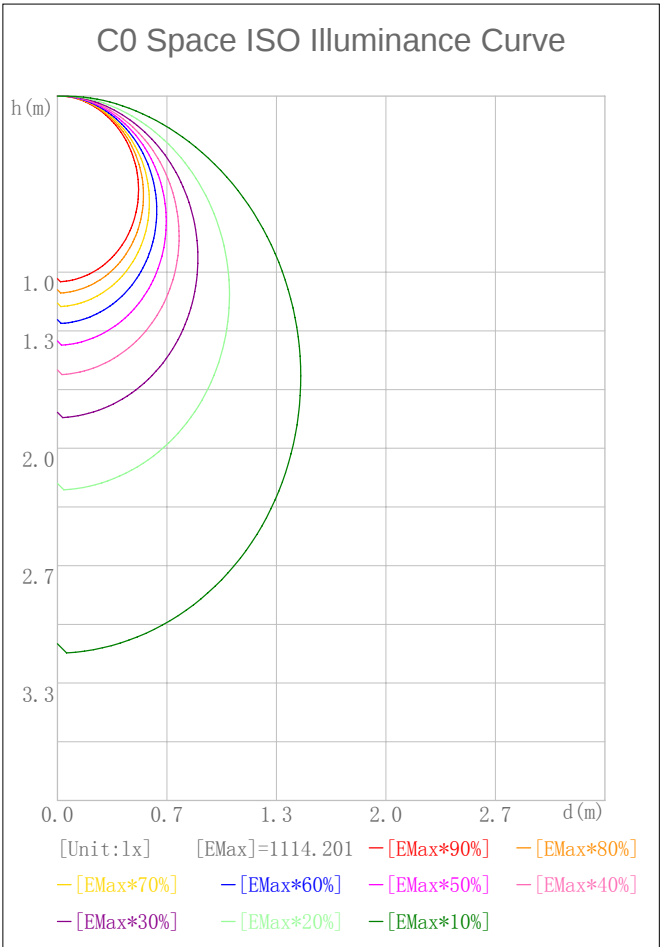
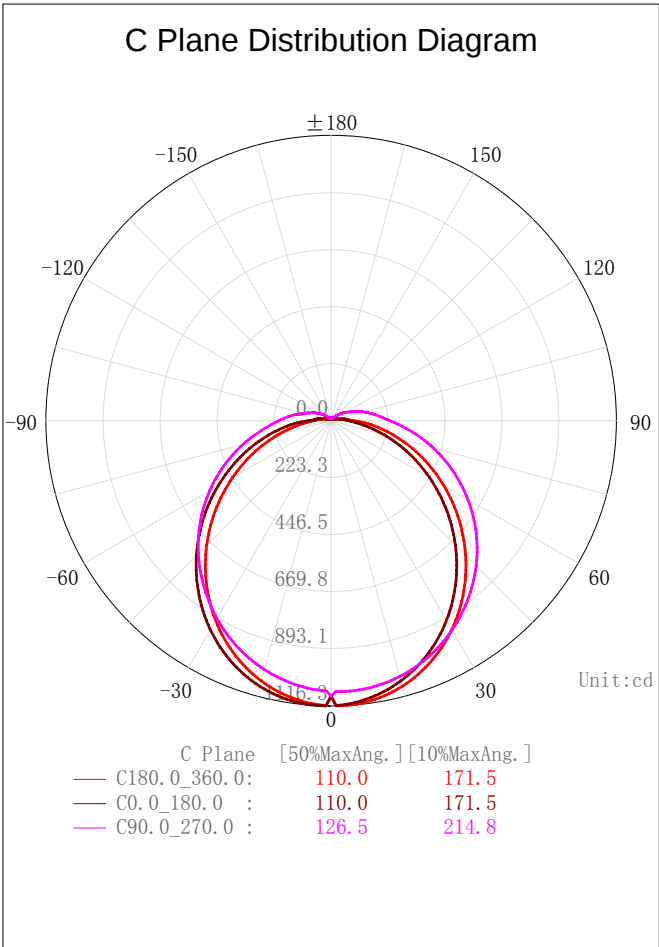
Indoor Luminaire Photometric Data

Description Information

Luminary Name:		Lum. Catalog:	Test ID:
Lamp Name:		Lamp Catalog:	Test Date: 2019/03/22
Manufacture:		Shld. Ang(°):	Test Machine:GON-2000
Test Lab:		Frequency (Hz):	Lamp CCT (K): Ra:
Lum. Size (W*L*H):0.085m*1.500m*0.035m		Lum. Area (m2):0.180	Lum. W (kg): 0.000
Test System: C, γ	Test Step: C=22.5 γ=1.0	Temp. (°C): 25	Humidity(%): 60.0

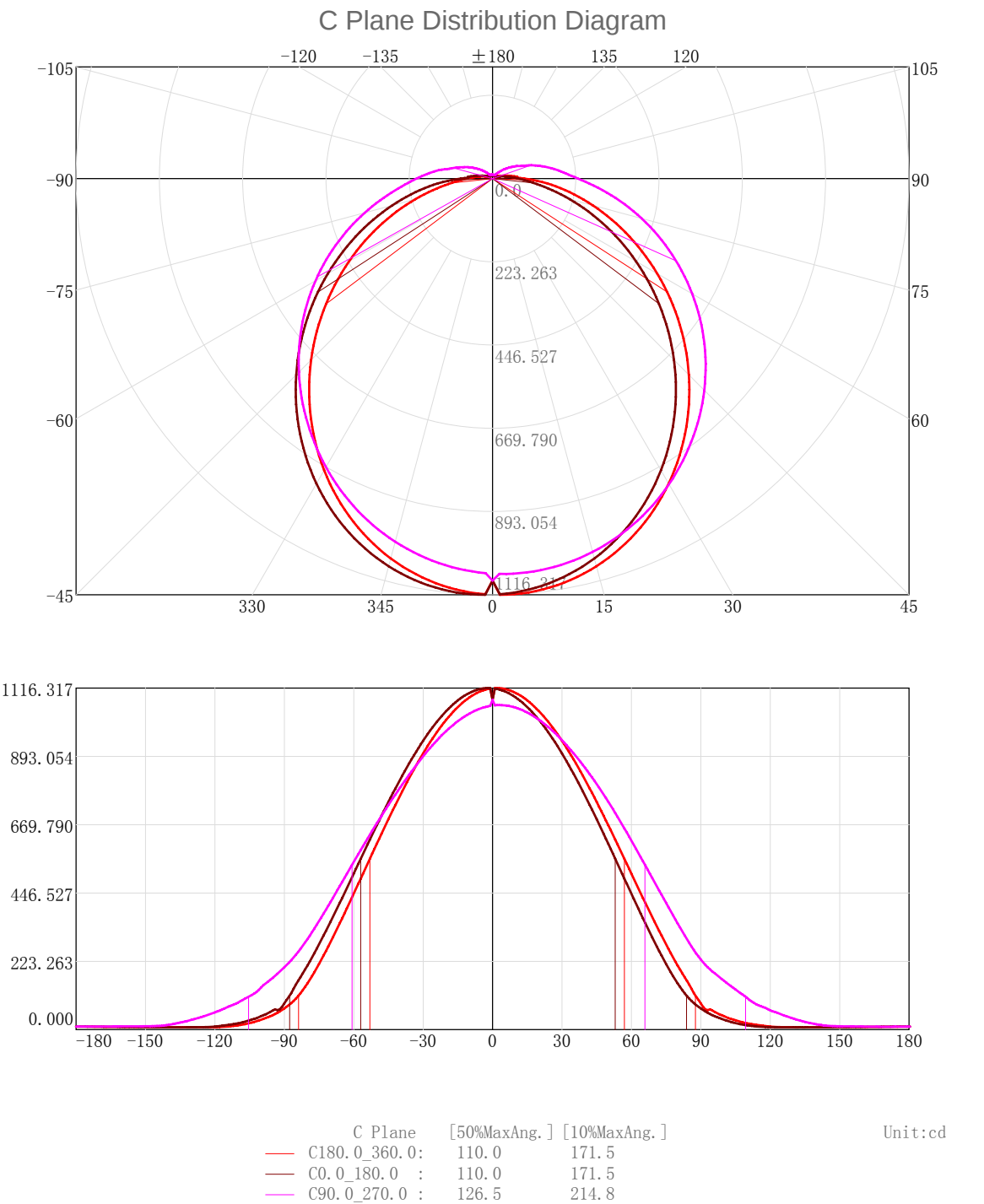
Character Parameter

Lamp Speciality Parameter		Luminaire Speciality Parameter	
Rated Flux(lm): 3781.260	Luminary Flux(lm): 3781.259	Field Angle(10%Imax): 171.5(°)	
Rated Power(W):	Luminary Efficiency: 100.00%	Down Lumens&Percent: 3470.828lm 91.79%	
Rated Voltage(V):	Luminary EER(lm/W): 102.752	Up Lumens&Percent: 310.432lm 8.21%	
Tested Power(W): 36.800	Max. Candela(cd): 1116.317	S/MH: C0_a180=1.268 C90_270=1.273	
Lamps' Inside: 1	Max Cand@Ang. (°): C=180.0 γ=2.0	CIE Type: Semi-Direct	
Tested Electrics (V, A, pf):110.6, 0.334, 0.996	Beam Angle(50%Imax): 110.0(°)	ErP ϕ use(120°): 2495.393lm	
Lamp Size (W*L*H):0.085m*1.500m*0.035m	Left=-53.0°, Right=57.0°	IRF(%): 118.861	



2D Plane Light Intensity Distribution Curve

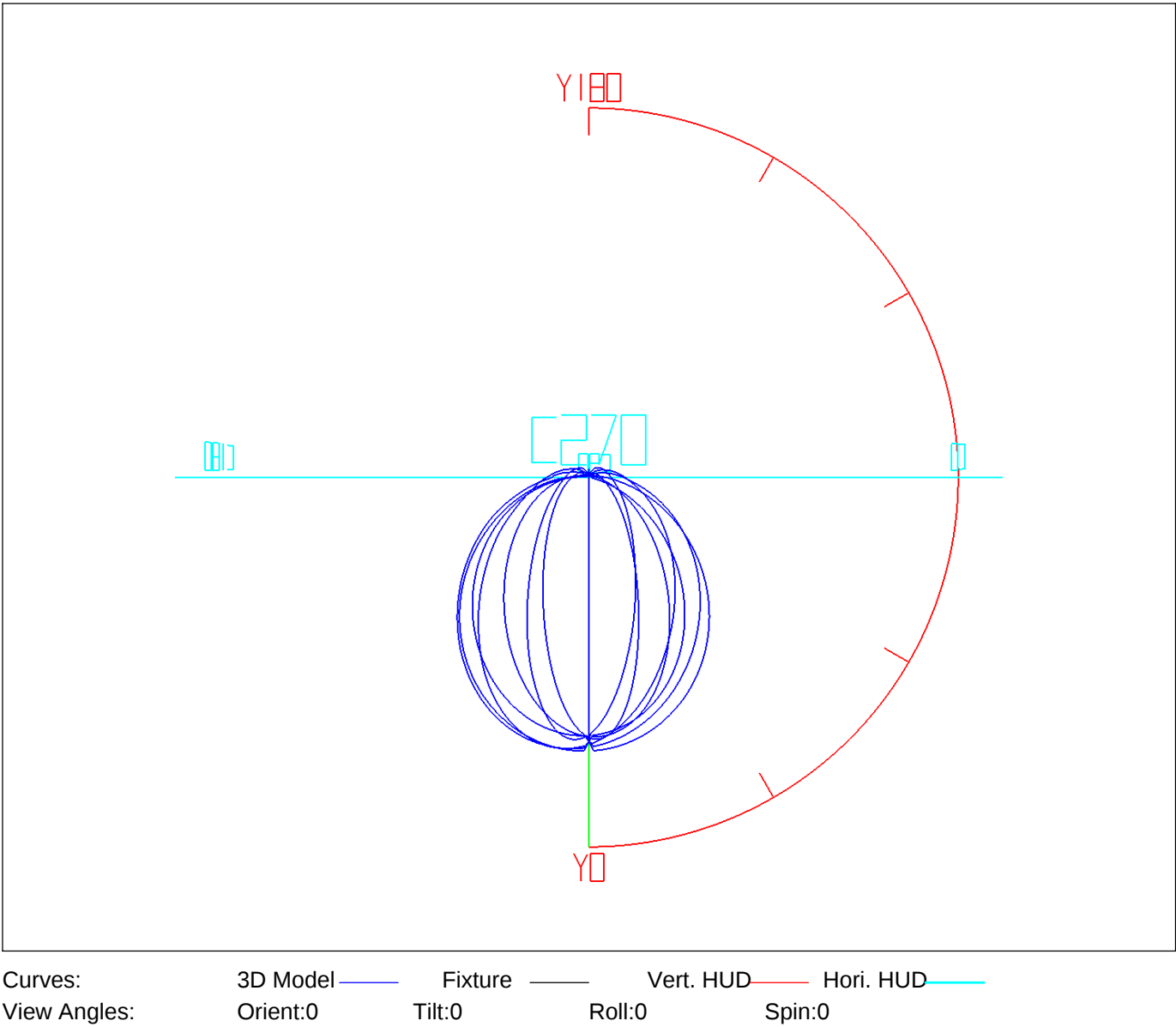
Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2019/03/22



3D Light Intensity Distribution Modal

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2019/03/22

3D Light Intensity Distribution Modal



IES Indoor Report

Photometric Filename:TRLED8020.IES

Zonal Flux Tabulation

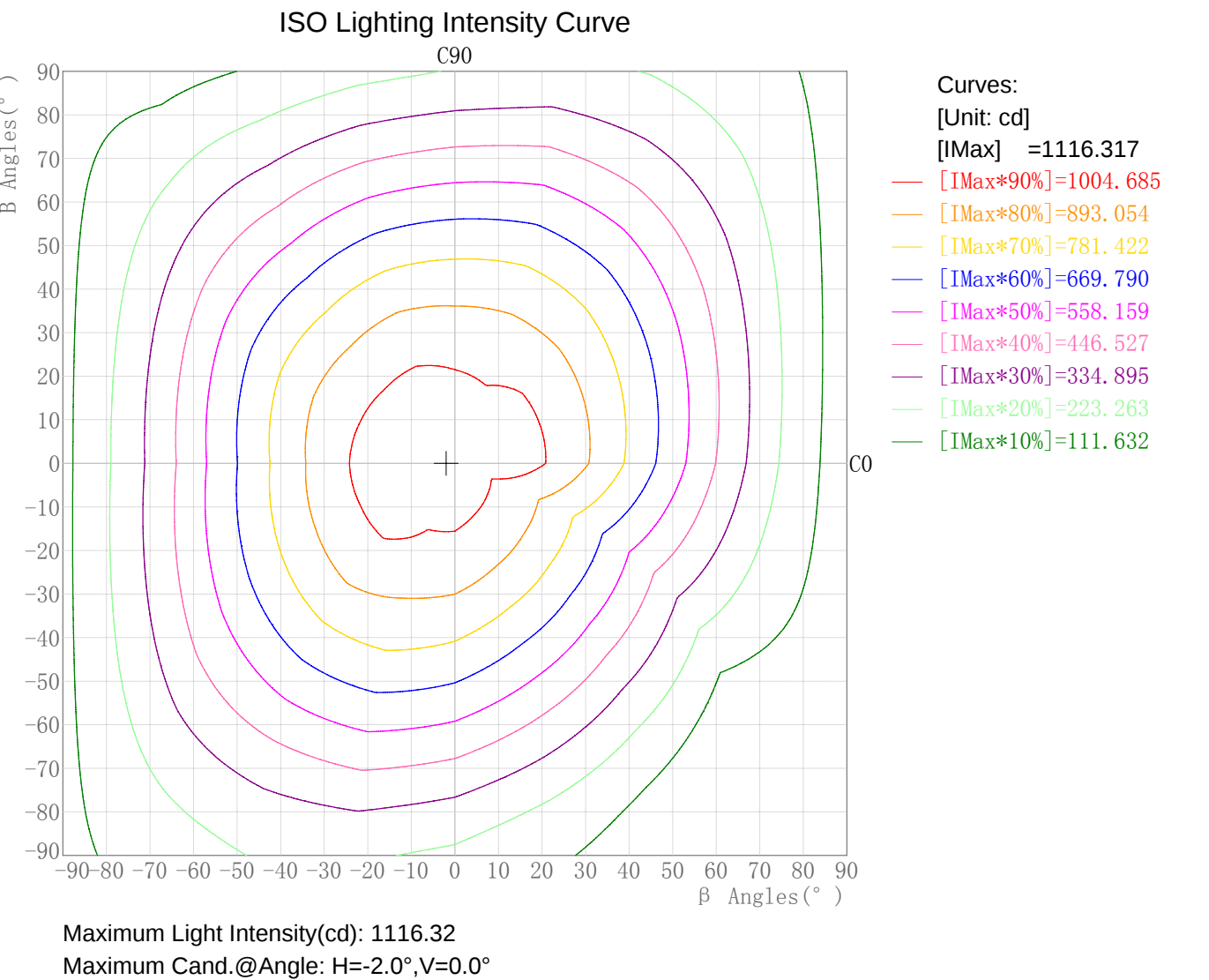
Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone(γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
0.0-1.0	1.03	1.03	0.03	0.03	47.0-48.0	56.79	1826.17	1.50	48.30
1.0-2.0	3.08	4.11	0.08	0.11	48.0-49.0	56.58	1882.75	1.50	49.79
2.0-3.0	5.13	9.24	0.14	0.24	49.0-50.0	56.30	1939.05	1.49	51.28
3.0-4.0	7.17	16.40	0.19	0.43	50.0-51.0	55.97	1995.02	1.48	52.76
4.0-5.0	9.20	25.60	0.24	0.68	51.0-52.0	55.58	2050.60	1.47	54.23
5.0-6.0	11.22	36.82	0.30	0.97	52.0-53.0	55.13	2105.73	1.46	55.69
6.0-7.0	13.22	50.04	0.35	1.32	53.0-54.0	54.62	2160.35	1.44	57.13
7.0-8.0	15.20	65.24	0.40	1.73	54.0-55.0	54.05	2214.40	1.43	58.56
8.0-9.0	17.17	82.41	0.45	2.18	55.0-56.0	53.42	2267.82	1.41	59.98
9.0-10.0	19.11	101.52	0.51	2.68	56.0-57.0	52.75	2320.57	1.39	61.37
10.0-11.0	21.02	122.54	0.56	3.24	57.0-58.0	52.02	2372.59	1.38	62.75
11.0-12.0	22.91	145.45	0.61	3.85	58.0-59.0	51.25	2423.83	1.36	64.10
12.0-13.0	24.76	170.21	0.65	4.50	59.0-60.0	50.43	2474.26	1.33	65.43
13.0-14.0	26.58	196.79	0.70	5.20	60.0-61.0	49.56	2523.82	1.31	66.75
14.0-15.0	28.37	225.16	0.75	5.95	61.0-62.0	48.64	2572.46	1.29	68.03
15.0-16.0	30.12	255.28	0.80	6.75	62.0-63.0	47.69	2620.15	1.26	69.29
16.0-17.0	31.82	287.10	0.84	7.59	63.0-64.0	46.69	2666.84	1.23	70.53
17.0-18.0	33.49	320.59	0.89	8.48	64.0-65.0	45.66	2712.50	1.21	71.74
18.0-19.0	35.11	355.69	0.93	9.41	65.0-66.0	44.59	2757.09	1.18	72.91
19.0-20.0	36.68	392.37	0.97	10.38	66.0-67.0	43.49	2800.58	1.15	74.06
20.0-21.0	38.20	430.58	1.01	11.39	67.0-68.0	42.35	2842.93	1.12	75.18
21.0-22.0	39.68	470.26	1.05	12.44	68.0-69.0	41.19	2884.12	1.09	76.27
22.0-23.0	41.10	511.36	1.09	13.52	69.0-70.0	40.00	2924.12	1.06	77.33
23.0-24.0	42.47	553.83	1.12	14.65	70.0-71.0	38.79	2962.91	1.03	78.36
24.0-25.0	43.78	597.62	1.16	15.80	71.0-72.0	37.55	3000.46	0.99	79.35
25.0-26.0	45.04	642.66	1.19	17.00	72.0-73.0	36.30	3036.76	0.96	80.31
26.0-27.0	46.24	688.90	1.22	18.22	73.0-74.0	35.04	3071.80	0.93	81.24
27.0-28.0	47.38	736.29	1.25	19.47	74.0-75.0	33.78	3105.57	0.89	82.13
28.0-29.0	48.46	784.75	1.28	20.75	75.0-76.0	32.52	3138.10	0.86	82.99
29.0-30.0	49.48	834.24	1.31	22.06	76.0-77.0	31.26	3169.36	0.83	83.82
30.0-31.0	50.44	884.68	1.33	23.40	77.0-78.0	30.01	3199.37	0.79	84.61
31.0-32.0	51.33	936.01	1.36	24.75	78.0-79.0	28.77	3228.14	0.76	85.37
32.0-33.0	52.17	988.18	1.38	26.13	79.0-80.0	27.56	3255.70	0.73	86.10
33.0-34.0	52.94	1041.12	1.40	27.53	80.0-81.0	26.37	3282.06	0.70	86.80
34.0-35.0	53.64	1094.76	1.42	28.95	81.0-82.0	25.20	3307.27	0.67	87.46
35.0-36.0	54.28	1149.04	1.44	30.39	82.0-83.0	24.07	3331.34	0.64	88.10
36.0-37.0	54.86	1203.90	1.45	31.84	83.0-84.0	22.98	3354.32	0.61	88.71
37.0-38.0	55.37	1259.26	1.46	33.30	84.0-85.0	21.92	3376.23	0.58	89.29
38.0-39.0	55.81	1315.07	1.48	34.78	85.0-86.0	20.88	3397.11	0.55	89.84
39.0-40.0	56.18	1371.25	1.49	36.26	86.0-87.0	19.86	3416.97	0.53	90.37
40.0-41.0	56.49	1427.74	1.49	37.76	87.0-88.0	18.87	3435.84	0.50	90.87
41.0-42.0	56.73	1484.47	1.50	39.26	88.0-89.0	17.94	3453.78	0.47	91.34
42.0-43.0	56.90	1541.36	1.50	40.76	89.0-90.0	17.04	3470.83	0.45	91.79
43.0-44.0	57.00	1598.37	1.51	42.27	90.0-91.0	16.20	3487.03	0.43	92.22
44.0-45.0	57.05	1655.42	1.51	43.78	91.0-92.0	15.42	3502.45	0.41	92.63
45.0-46.0	57.02	1712.44	1.51	45.29	92.0-93.0	14.70	3517.15	0.39	93.02
46.0-47.0	56.94	1769.38	1.51	46.79	93.0-94.0	14.01	3531.16	0.37	93.39

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	13. 34	3544. 50	0. 35	93. 74	141. 0-142. 0	0. 79	3767. 90	0. 02	99. 65
95. 0-96. 0	12. 66	3557. 16	0. 33	94. 07	142. 0-143. 0	0. 74	3768. 65	0. 02	99. 67
96. 0-97. 0	12. 04	3569. 20	0. 32	94. 39	143. 0-144. 0	0. 70	3769. 35	0. 02	99. 69
97. 0-98. 0	11. 46	3580. 66	0. 30	94. 69	144. 0-145. 0	0. 66	3770. 01	0. 02	99. 70
98. 0-99. 0	10. 94	3591. 60	0. 29	94. 98	145. 0-146. 0	0. 64	3770. 65	0. 02	99. 72
99. 0-100. 0	10. 47	3602. 07	0. 28	95. 26	146. 0-147. 0	0. 61	3771. 26	0. 02	99. 74
100. 0-101. 0	9. 99	3612. 06	0. 26	95. 53	147. 0-148. 0	0. 59	3771. 85	0. 02	99. 75
101. 0-102. 0	9. 51	3621. 56	0. 25	95. 78	148. 0-149. 0	0. 57	3772. 42	0. 02	99. 77
102. 0-103. 0	9. 03	3630. 59	0. 24	96. 02	149. 0-150. 0	0. 55	3772. 98	0. 01	99. 78
103. 0-104. 0	8. 57	3639. 16	0. 23	96. 24	150. 0-151. 0	0. 54	3773. 51	0. 01	99. 80
104. 0-105. 0	8. 14	3647. 30	0. 22	96. 46	151. 0-152. 0	0. 52	3774. 03	0. 01	99. 81
105. 0-106. 0	7. 73	3655. 03	0. 20	96. 66	152. 0-153. 0	0. 50	3774. 53	0. 01	99. 82
106. 0-107. 0	7. 32	3662. 35	0. 19	96. 86	153. 0-154. 0	0. 48	3775. 01	0. 01	99. 83
107. 0-108. 0	6. 93	3669. 28	0. 18	97. 04	154. 0-155. 0	0. 46	3775. 48	0. 01	99. 85
108. 0-109. 0	6. 55	3675. 84	0. 17	97. 21	155. 0-156. 0	0. 45	3775. 92	0. 01	99. 86
109. 0-110. 0	6. 19	3682. 03	0. 16	97. 38	156. 0-157. 0	0. 43	3776. 35	0. 01	99. 87
110. 0-111. 0	5. 86	3687. 89	0. 16	97. 53	157. 0-158. 0	0. 41	3776. 76	0. 01	99. 88
111. 0-112. 0	5. 55	3693. 44	0. 15	97. 68	158. 0-159. 0	0. 39	3777. 16	0. 01	99. 89
112. 0-113. 0	5. 25	3698. 69	0. 14	97. 82	159. 0-160. 0	0. 38	3777. 53	0. 01	99. 90
113. 0-114. 0	4. 96	3703. 65	0. 13	97. 95	160. 0-161. 0	0. 36	3777. 89	0. 01	99. 91
114. 0-115. 0	4. 69	3708. 34	0. 12	98. 07	161. 0-162. 0	0. 34	3778. 23	0. 01	99. 92
115. 0-116. 0	4. 43	3712. 77	0. 12	98. 19	162. 0-163. 0	0. 32	3778. 55	0. 01	99. 93
116. 0-117. 0	4. 19	3716. 96	0. 11	98. 30	163. 0-164. 0	0. 30	3778. 85	0. 01	99. 94
117. 0-118. 0	3. 97	3720. 93	0. 10	98. 40	164. 0-165. 0	0. 29	3779. 14	0. 01	99. 94
118. 0-119. 0	3. 75	3724. 68	0. 10	98. 50	165. 0-166. 0	0. 27	3779. 41	0. 01	99. 95
119. 0-120. 0	3. 54	3728. 21	0. 09	98. 60	166. 0-167. 0	0. 25	3779. 66	0. 01	99. 96
120. 0-121. 0	3. 33	3731. 54	0. 09	98. 69	167. 0-168. 0	0. 23	3779. 89	0. 01	99. 96
121. 0-122. 0	3. 14	3734. 68	0. 08	98. 77	168. 0-169. 0	0. 22	3780. 11	0. 01	99. 97
122. 0-123. 0	2. 95	3737. 63	0. 08	98. 85	169. 0-170. 0	0. 20	3780. 31	0. 01	99. 97
123. 0-124. 0	2. 76	3740. 39	0. 07	98. 92	170. 0-171. 0	0. 18	3780. 49	0. 00	99. 98
124. 0-125. 0	2. 59	3742. 98	0. 07	98. 99	171. 0-172. 0	0. 16	3780. 65	0. 00	99. 98
125. 0-126. 0	2. 43	3745. 41	0. 06	99. 05	172. 0-173. 0	0. 14	3780. 79	0. 00	99. 99
126. 0-127. 0	2. 27	3747. 68	0. 06	99. 11	173. 0-174. 0	0. 12	3780. 91	0. 00	99. 99
127. 0-128. 0	2. 12	3749. 80	0. 06	99. 17	174. 0-175. 0	0. 11	3781. 02	0. 00	99. 99
128. 0-129. 0	1. 98	3751. 78	0. 05	99. 22	175. 0-176. 0	0. 09	3781. 10	0. 00	100. 00
129. 0-130. 0	1. 84	3753. 62	0. 05	99. 27	176. 0-177. 0	0. 07	3781. 17	0. 00	100. 00
130. 0-131. 0	1. 72	3755. 33	0. 05	99. 31	177. 0-178. 0	0. 05	3781. 22	0. 00	100. 00
131. 0-132. 0	1. 60	3756. 93	0. 04	99. 36	178. 0-179. 0	0. 03	3781. 25	0. 00	100. 00
132. 0-133. 0	1. 49	3758. 42	0. 04	99. 40	179. 0-180. 0	0. 01	3781. 26	0. 00	100. 00
133. 0-134. 0	1. 38	3759. 80	0. 04	99. 43					
134. 0-135. 0	1. 28	3761. 08	0. 03	99. 47					
135. 0-136. 0	1. 19	3762. 26	0. 03	99. 50					
136. 0-137. 0	1. 11	3763. 37	0. 03	99. 53					
137. 0-138. 0	1. 03	3764. 40	0. 03	99. 55					
138. 0-139. 0	0. 96	3765. 37	0. 03	99. 58					
139. 0-140. 0	0. 90	3766. 27	0. 02	99. 60					
140. 0-141. 0	0. 84	3767. 11	0. 02	99. 63					

Rectangle ISO Lighting Intensity Diagram

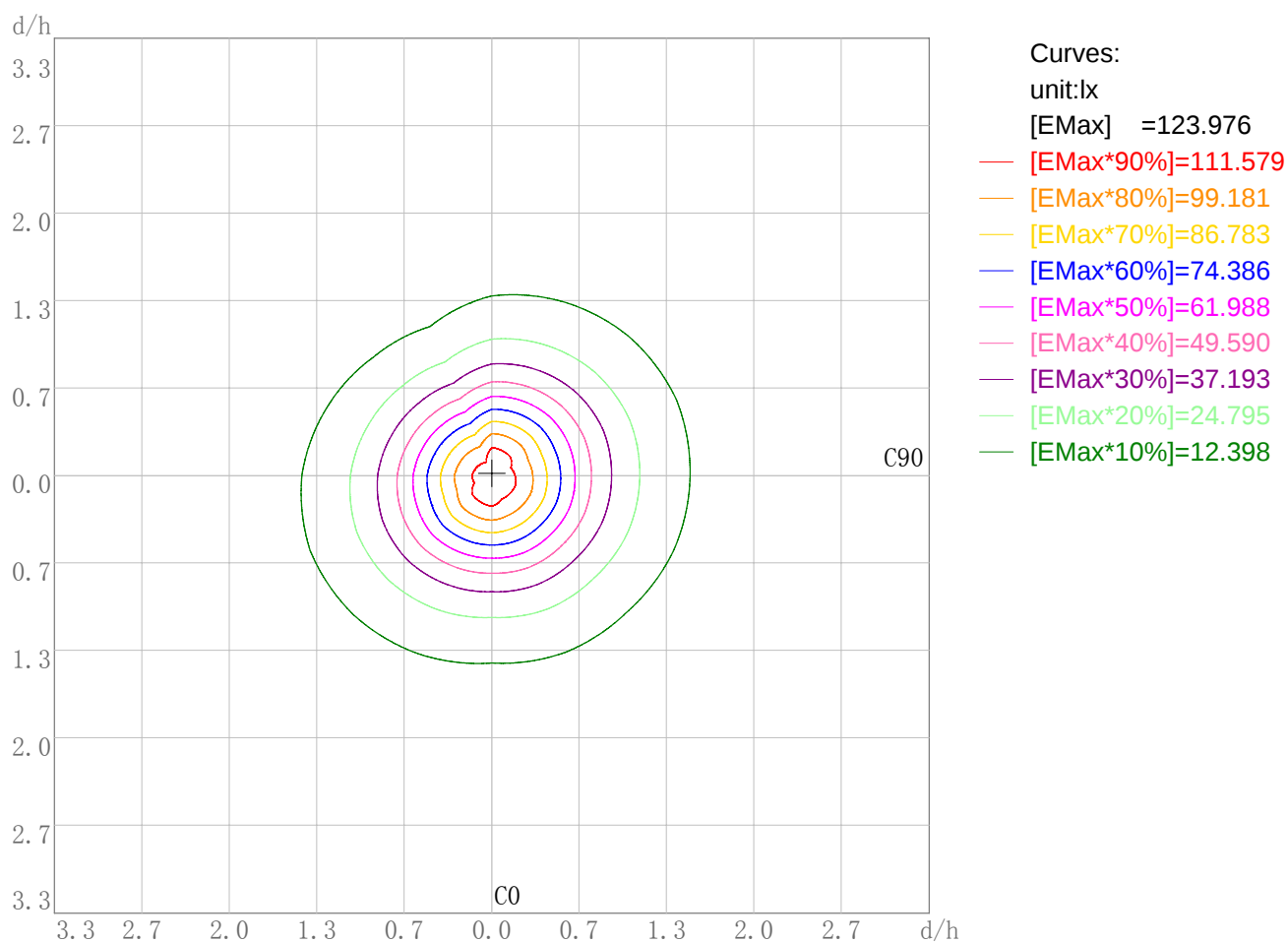
Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2019/03/22



Plane ISO-Illuminance Diagram

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacturer:	Test Machine:GON-2000	Test Date: 2019/03/22

Plane ISO-Illuminance Curve

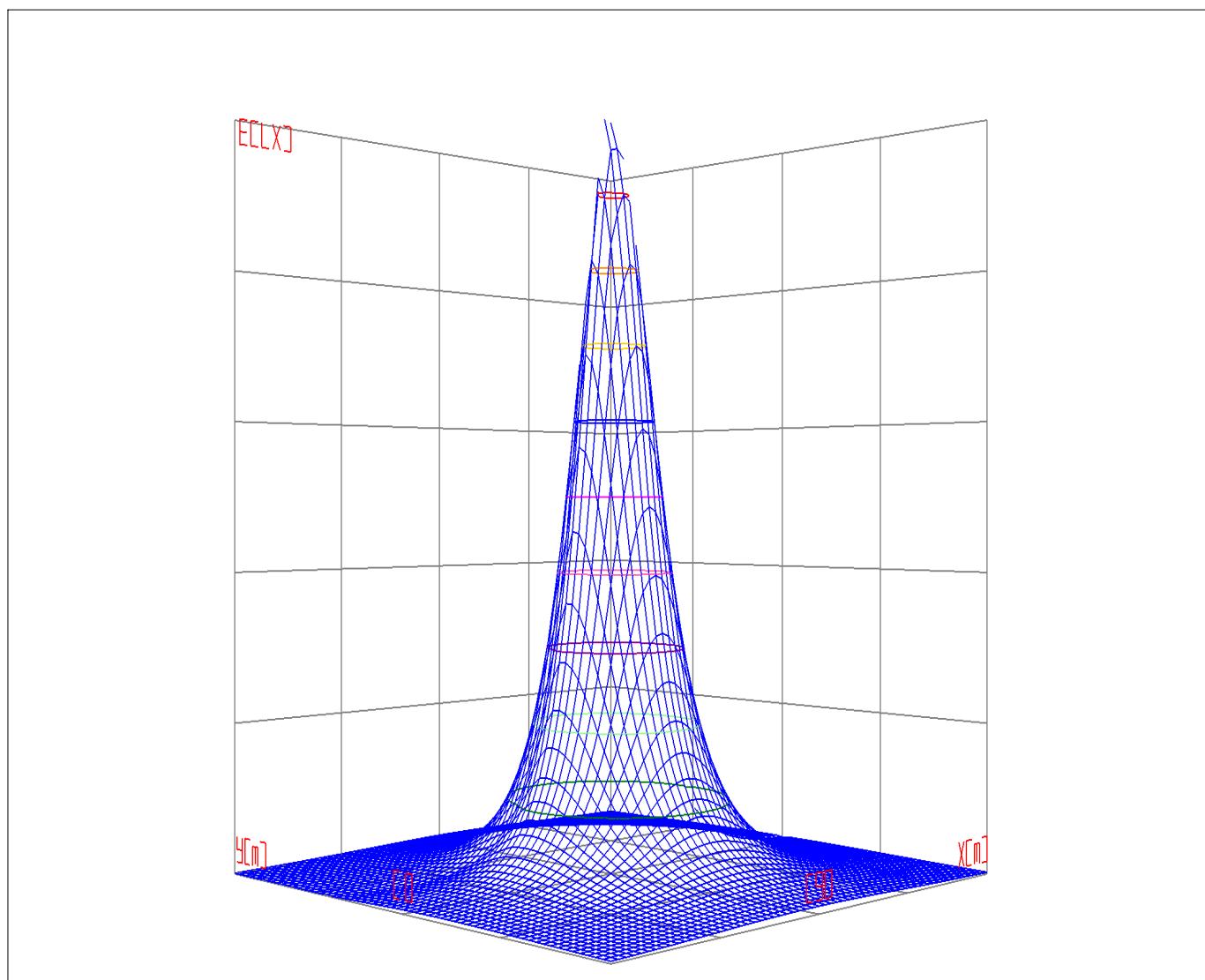


Working Plane Luminaire Mounting Height(m): 3.00
Working Plane Maximum Illuminance(lx): 123.98
Working Plane Maximum Illuminance Position(d/h):H0.0 V-0.0

3D Plane ISO Illuminance Diagram

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2019/03/22

3D Plane Illuminance Model

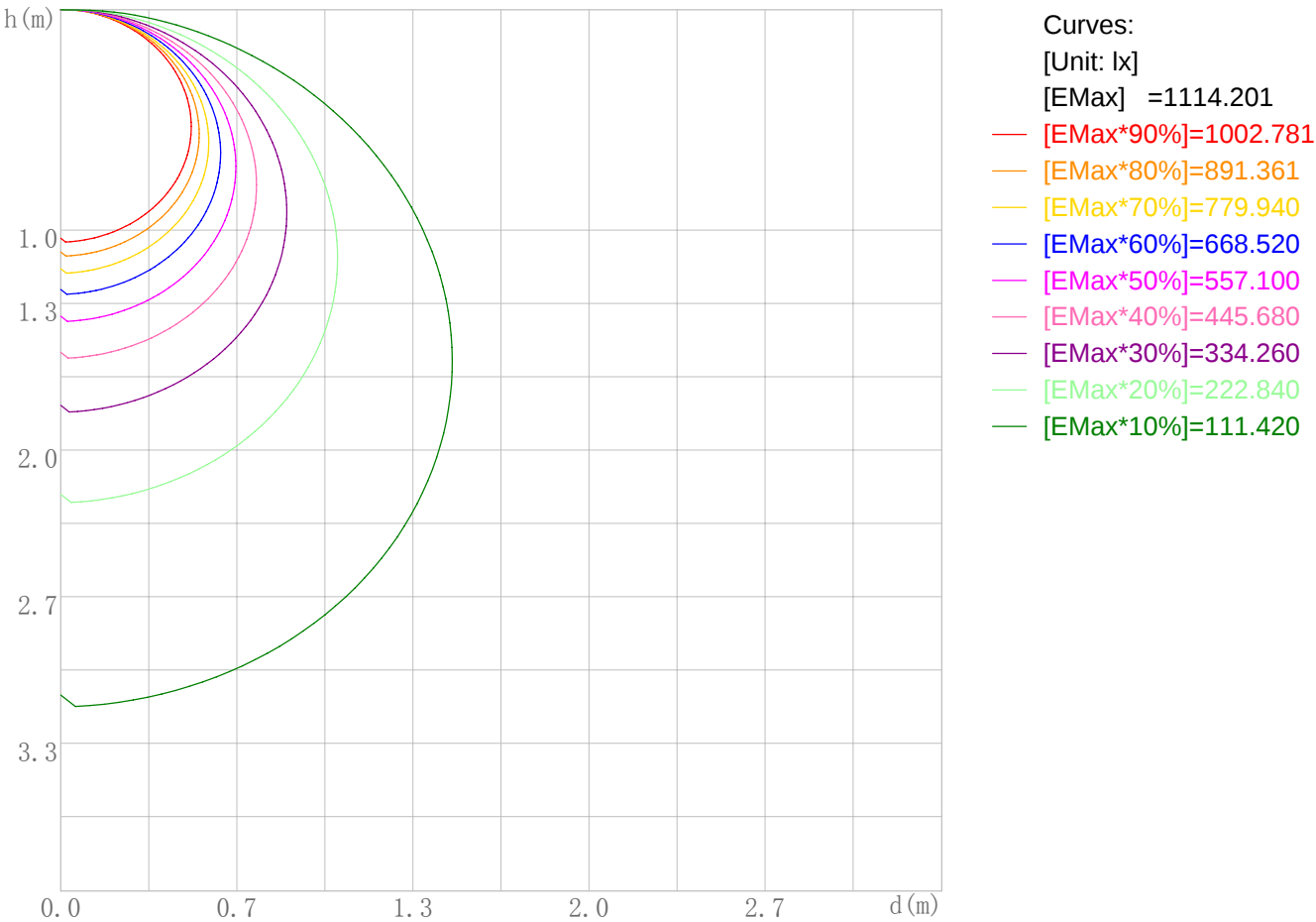


Curves: 3D Model — 90% — 80% — 70% — 60% — 50% — 40% — 30% — 20% — 10% —
View Angles(deg): 0 Height(m): 3.0 Distance(m): 10.0

Space ISO Illuminance Diagram

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2019/03/22

Space ISO Illuminance Curve

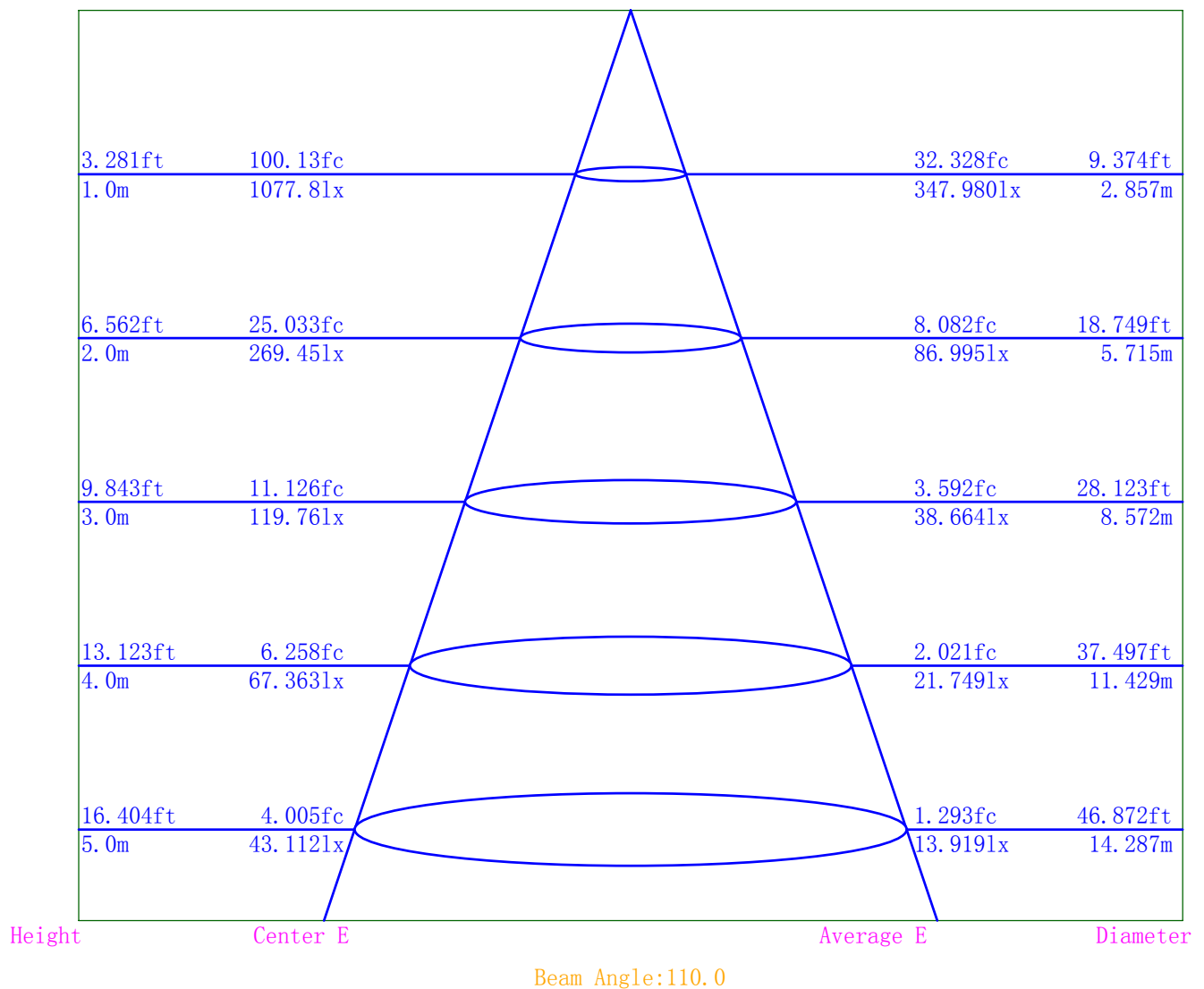


Space Plane Maximum Illuminance and @Angle:1114.20lx,1.0deg
Plane Maximum Lighting Intensity and @Angle:1114.710cd,0deg

Illuminance-Distance Diagram

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacturer:	Test Machine:GON-2000	Test Date: 2019/03/22

Illuminance-Distance Curve



Indoor Luminance Limiting Curves

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2019/03/22

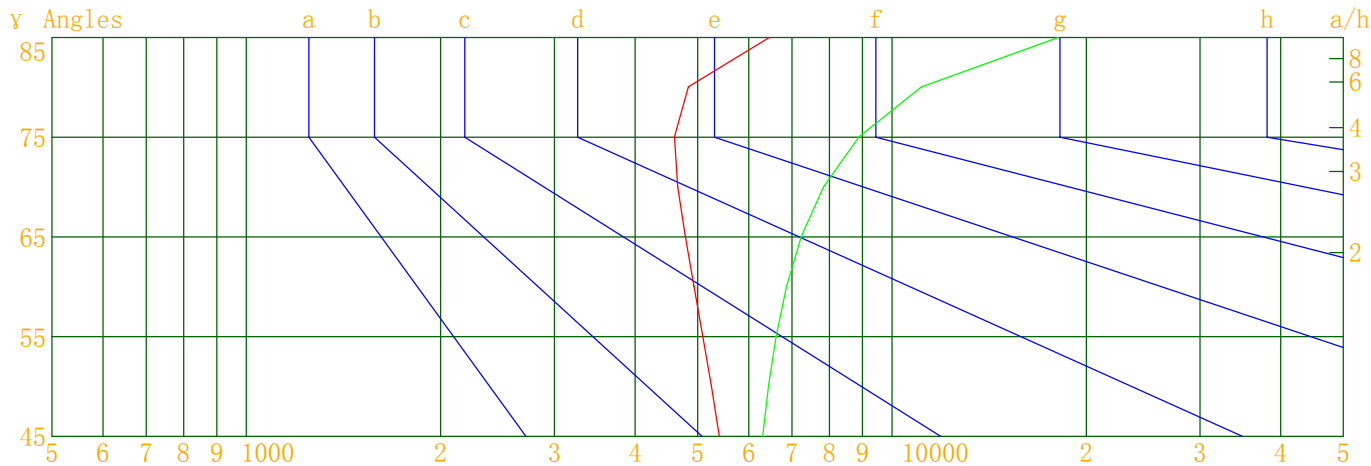
Glare Grade Table

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	5403	5253	5095	4935	4786	4656	4605	4839	6457
C90	6306	6438	6617	6866	7236	7837	8893	11113	18086

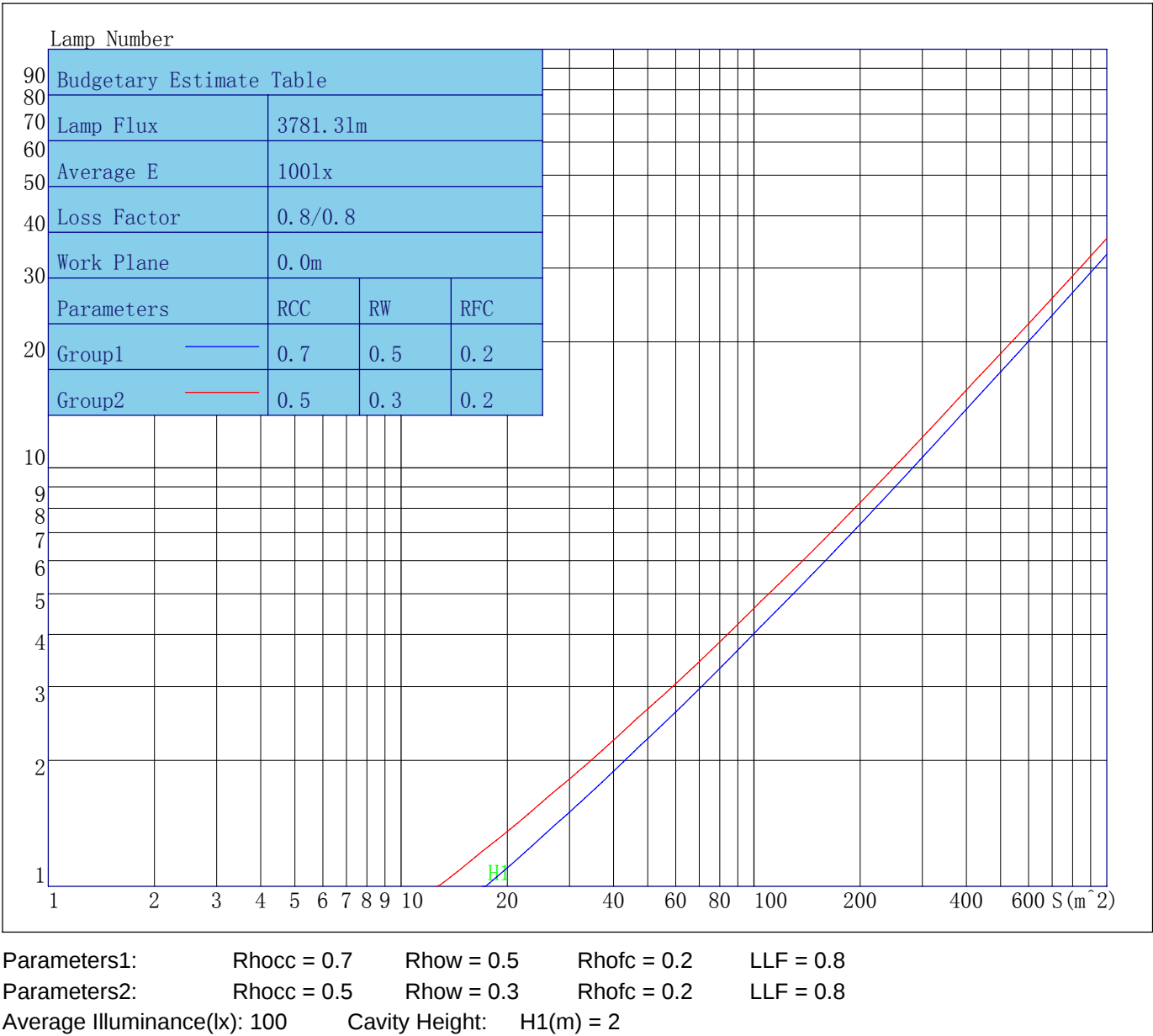
Luminance Limiting Curve



Luminous Size: Length(m)=1.500 Width(m)=0.085 Height(m)=0.035 Area(m^2)=0.180000
Luminous Type: Without Luminous Side
Luminous Curves: C0-C180 Color: — C90-C270 Color: —

Indoor Budgetary Estimate Table

Lum. Name:	Lum. Catalog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2019/03/22



Indoor Coefficient of Utilization Table

Lum. Name:	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catelog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2019/03/22

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	117	117	117	117	113	113	113	113	107	107	107	100	100	100	95	95	95	92
1	105	99	94	90	101	96	92	87	90	87	83	85	82	79	80	78	75	73
2	95	86	78	72	91	83	76	70	78	72	67	73	69	64	69	65	62	59
3	86	75	66	59	83	72	64	58	68	61	56	64	58	54	61	56	52	49
4	78	66	56	49	75	64	55	49	60	53	47	57	51	45	54	48	44	41
5	72	59	49	42	69	57	48	42	54	46	40	51	44	39	48	43	38	36
6	66	53	43	37	64	51	42	36	48	41	35	46	39	34	44	38	33	31
7	61	48	39	32	59	46	38	32	44	36	31	42	35	30	40	34	29	27
8	57	43	35	29	55	42	34	28	40	33	28	38	32	27	37	31	26	24
9	53	40	31	26	51	39	31	25	37	30	25	35	29	24	34	28	24	22
10	50	37	29	23	48	36	28	23	34	27	22	33	26	22	31	26	21	20

Unified Glare Rating Table

Lum. Name:	Lum. Catelog:	Test ID:
Lamp Name:	Lamp Catalog:	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2019/03/22

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	16.7	18.2	17.2	18.7	19.2	18.7	20.2	19.2	20.7	21.2
	18.3	19.7	18.8	20.2	20.7	21.0	22.4	21.5	22.9	23.4
	19.1	20.4	19.6	20.9	21.4	22.2	23.5	22.7	24.0	24.6
	19.7	21.0	20.3	21.5	22.1	23.5	24.7	24.0	25.2	25.8
	20.1	21.2	20.6	21.8	22.4	24.1	25.3	24.7	25.8	26.4
	20.4	21.5	21.0	22.1	22.7	24.9	26.0	25.4	26.5	27.2
X=4H Y=2H	17.7	19.0	18.2	19.5	20.1	19.5	20.8	20.0	21.3	21.9
	19.5	20.6	20.1	21.2	21.8	22.1	23.2	22.6	23.7	24.3
	20.4	21.4	20.9	22.0	22.6	23.4	24.5	24.0	25.0	25.6
	21.2	22.1	21.8	22.7	23.3	24.9	25.8	25.5	26.4	27.0
	21.6	22.5	22.2	23.0	23.7	25.7	26.5	26.3	27.1	27.7
	22.0	22.8	22.6	23.4	24.1	26.5	27.3	27.1	27.9	28.6
X=8H Y=4H	21.1	22.0	21.7	22.6	23.2	23.9	24.7	24.5	25.3	26.0
	22.2	22.9	22.8	23.5	24.3	25.6	26.3	26.2	26.9	27.7
	22.8	23.4	23.4	24.0	24.7	26.6	27.2	27.2	27.8	28.5
	23.4	23.9	24.0	24.6	25.3	27.7	28.2	28.3	28.9	29.6
X=12H Y=4H	21.3	22.1	21.9	22.7	23.4	24.0	24.7	24.6	25.3	26.0
	22.6	23.2	23.2	23.8	24.5	25.8	26.4	26.4	27.0	27.7
	23.2	23.8	23.9	24.4	25.2	26.8	27.4	27.4	28.0	28.7
Variations with the objerver position at spacings										
S=1.0H	0.3/−0.3					0.1/−0.2				
S=1.5H	0.6/−0.8					0.2/−0.3				
S=2.0H	0.7/−0.9					0.2/−0.2				
Reduced UGR Table:										
Nordic Standard Table:	BK0					BK0				
Correction Value	4.0					5.0				

o the CIE Pub.117, data has been corrected, refers to the lamp’s lumens 8.2flm.

IES Indoor Report

Photometric Filename:TRLED8020.IES

Candela Tabulation

V/H	C0. 0	C22. 5	C45. 0	C67. 5	C90. 0	C112. 5	C135. 0	C157. 5	C180. 0	C202. 5	C225. 0	C247. 5
Y 0. 0	1077. 81	1077. 81	1077. 81	1077. 81	1077. 81	1077. 81	1077. 81	1077. 81	1077. 81	1077. 81	1077. 81	1077. 81
Y 1. 0	1114. 71	1100. 07	1089. 45	1049. 59	1060. 05	1062. 66	1059. 20	1055. 83	1116. 30	1100. 88	1089. 97	1048. 70
Y 2. 0	1113. 50	1098. 88	1088. 73	1049. 53	1060. 68	1064. 09	1061. 51	1058. 32	1116. 32	1100. 91	1089. 47	1048. 04
Y 3. 0	1111. 51	1097. 45	1087. 57	1049. 09	1060. 91	1065. 15	1063. 27	1060. 39	1115. 79	1100. 36	1088. 80	1046. 79
Y 4. 0	1109. 03	1095. 67	1086. 02	1048. 69	1060. 40	1066. 00	1064. 49	1062. 30	1115. 11	1099. 28	1088. 02	1045. 28
Y 5. 0	1106. 41	1093. 58	1084. 19	1047. 73	1059. 97	1066. 76	1065. 35	1063. 65	1114. 06	1098. 11	1086. 66	1043. 59
Y 6. 0	1103. 18	1090. 65	1082. 32	1046. 51	1059. 24	1066. 62	1065. 88	1064. 22	1112. 04	1096. 47	1084. 91	1041. 41
Y 7. 0	1099. 39	1087. 85	1079. 63	1044. 90	1057. 86	1066. 24	1065. 81	1064. 66	1109. 77	1094. 10	1083. 03	1039. 10
Y 8. 0	1095. 33	1084. 52	1076. 89	1043. 37	1056. 15	1065. 73	1065. 18	1064. 44	1106. 92	1091. 60	1080. 90	1036. 41
Y 9. 0	1090. 74	1080. 92	1074. 01	1041. 18	1054. 48	1064. 69	1064. 22	1063. 90	1104. 10	1088. 90	1078. 08	1033. 58
Y 10. 0	1085. 73	1076. 55	1070. 72	1038. 78	1052. 12	1063. 16	1062. 83	1062. 84	1100. 31	1085. 51	1075. 14	1030. 63
Y 11. 0	1080. 16	1072. 04	1066. 83	1036. 16	1049. 53	1061. 37	1061. 12	1061. 51	1096. 27	1081. 69	1071. 76	1026. 94
Y 12. 0	1074. 40	1067. 08	1063. 03	1033. 38	1046. 78	1059. 35	1058. 70	1059. 66	1092. 15	1077. 87	1068. 43	1023. 39
Y 13. 0	1068. 24	1061. 83	1058. 63	1029. 99	1043. 77	1056. 65	1056. 11	1057. 10	1087. 14	1073. 51	1064. 45	1019. 50
Y 14. 0	1061. 37	1056. 34	1053. 78	1026. 52	1040. 08	1053. 52	1053. 04	1054. 28	1081. 76	1068. 70	1060. 08	1015. 50
Y 15. 0	1054. 30	1050. 28	1048. 93	1022. 80	1036. 25	1050. 44	1049. 45	1050. 85	1076. 20	1063. 37	1055. 98	1011. 10
Y 16. 0	1047. 04	1044. 11	1043. 84	1019. 01	1032. 37	1046. 71	1045. 69	1047. 35	1069. 93	1058. 07	1051. 06	1006. 42
Y 17. 0	1038. 93	1037. 30	1038. 04	1014. 58	1027. 90	1042. 51	1041. 28	1043. 10	1063. 28	1052. 28	1045. 71	1001. 56
Y 18. 0	1030. 42	1030. 35	1032. 05	1010. 12	1023. 17	1038. 04	1036. 32	1038. 55	1056. 44	1046. 16	1040. 38	996. 18
Y 19. 0	1021. 88	1022. 98	1026. 11	1005. 55	1018. 44	1033. 49	1031. 10	1033. 59	1049. 00	1039. 52	1034. 77	991. 03
Y 20. 0	1012. 82	1015. 34	1019. 47	1000. 58	1013. 14	1028. 16	1025. 75	1028. 02	1041. 32	1032. 67	1028. 69	985. 48
Y 21. 0	1003. 22	1007. 45	1012. 93	995. 34	1007. 61	1022. 63	1019. 67	1022. 13	1033. 14	1025. 39	1022. 21	979. 50
Y 22. 0	993. 58	999. 09	1005. 97	989. 95	1001. 75	1016. 90	1013. 36	1015. 97	1024. 67	1017. 71	1015. 84	973. 31
Y 23. 0	983. 43	990. 54	998. 70	984. 38	995. 98	1010. 71	1006. 65	1009. 23	1015. 91	1009. 95	1009. 19	967. 07
Y 24. 0	972. 82	981. 40	991. 01	978. 46	989. 55	1004. 05	999. 55	1002. 09	1006. 71	1001. 96	1001. 94	960. 75
Y 25. 0	961. 99	972. 09	983. 40	972. 35	982. 89	997. 14	992. 00	994. 60	997. 02	993. 36	994. 68	953. 70
Y 26. 0	950. 78	962. 46	975. 38	966. 18	976. 34	990. 03	984. 18	986. 62	987. 38	984. 47	986. 97	946. 74
Y 27. 0	939. 27	952. 81	967. 18	959. 84	969. 42	982. 57	975. 91	978. 47	976. 97	975. 54	979. 18	939. 50
Y 28. 0	927. 53	942. 59	958. 72	953. 20	961. 84	974. 44	967. 25	969. 71	966. 25	966. 18	970. 86	932. 32
Y 29. 0	915. 26	932. 23	949. 82	946. 55	954. 10	966. 64	957. 98	960. 76	955. 30	956. 41	962. 43	924. 36
Y 30. 0	902. 74	921. 51	940. 86	939. 85	946. 13	958. 03	948. 88	951. 29	944. 23	946. 48	953. 98	916. 61
Y 31. 0	890. 11	910. 68	931. 50	932. 87	938. 20	949. 00	939. 23	941. 38	932. 62	936. 42	944. 90	908. 87
Y 32. 0	877. 06	899. 47	921. 99	926. 06	929. 59	939. 95	929. 07	931. 29	920. 60	925. 72	935. 87	900. 68
Y 33. 0	863. 77	888. 19	912. 45	919. 07	920. 87	930. 66	918. 86	920. 85	908. 67	915. 26	926. 44	892. 82
Y 34. 0	850. 28	876. 57	902. 68	911. 91	912. 21	920. 99	908. 26	910. 27	896. 02	904. 35	916. 85	884. 95
Y 35. 0	836. 47	864. 57	892. 80	904. 01	903. 11	911. 05	897. 20	898. 97	883. 20	892. 97	906. 83	877. 01
Y 36. 0	822. 50	852. 54	882. 52	895. 82	893. 98	900. 99	885. 94	887. 54	870. 52	881. 48	896. 75	868. 97
Y 37. 0	808. 30	840. 20	872. 24	887. 58	884. 68	890. 75	874. 36	876. 02	857. 36	869. 87	886. 38	860. 70
Y 38. 0	793. 78	827. 64	861. 96	878. 98	875. 21	879. 95	862. 73	863. 93	843. 88	858. 22	875. 54	851. 91
Y 39. 0	779. 03	814. 96	851. 15	869. 87	865. 35	868. 79	850. 59	851. 71	830. 22	846. 13	864. 34	843. 23
Y 40. 0	764. 32	802. 26	840. 38	860. 72	855. 44	857. 75	838. 34	839. 21	816. 48	833. 74	853. 09	834. 16
Y 41. 0	749. 22	789. 33	829. 54	851. 16	845. 32	846. 29	825. 84	826. 35	802. 38	821. 44	841. 21	824. 60
Y 42. 0	734. 06	776. 38	818. 45	841. 23	834. 89	834. 68	813. 13	813. 12	787. 90	808. 74	829. 16	814. 88
Y 43. 0	718. 71	763. 22	806. 90	831. 08	824. 34	822. 87	799. 98	799. 91	773. 71	795. 76	817. 26	804. 52
Y 44. 0	703. 36	749. 87	795. 43	820. 69	813. 53	810. 93	786. 75	786. 41	759. 04	783. 02	805. 15	793. 88
Y 45. 0	687. 72	736. 42	783. 90	810. 02	802. 68	798. 82	773. 44	772. 62	744. 20	770. 27	793. 01	783. 61
Y 46. 0	671. 86	722. 73	771. 86	798. 99	791. 41	786. 49	759. 71	758. 39	729. 10	757. 20	780. 62	772. 85

IES Indoor Report

Photometric Filename:TRLED8020.IES

Candela Tabulation - (Cont.)

V/H	C0. 0	C22. 5	C45. 0	C67. 5	C90. 0	C112. 5	C135. 0	C157. 5	C180. 0	C202. 5	C225. 0	C247. 5
Y 47. 0	656.09	709.14	760.01	788.01	779.99	774.07	745.92	744.46	714.29	743.95	768.42	761.76
Y 48. 0	640.13	695.41	747.93	776.59	768.53	761.46	732.09	730.02	699.14	730.70	756.05	750.47
Y 49. 0	623.96	681.41	735.51	764.99	756.97	748.70	717.82	715.28	683.55	717.31	743.62	739.27
Y 50. 0	607.78	667.55	723.09	753.31	744.91	735.66	703.54	700.72	668.23	703.98	731.10	727.30
Y 51. 0	591.45	653.57	710.57	741.63	732.88	722.81	689.24	685.89	652.86	690.27	718.43	715.73
Y 52. 0	575.28	639.27	697.94	729.70	720.83	709.52	674.87	671.03	637.03	676.81	705.43	703.91
Y 53. 0	558.63	624.98	685.02	717.84	708.35	696.03	659.88	655.77	621.40	663.13	692.37	691.84
Y 54. 0	542.25	610.68	672.13	705.73	695.85	682.53	644.89	640.39	605.70	649.29	679.33	679.54
Y 55. 0	525.99	596.44	659.13	693.86	683.18	669.06	630.23	624.79	589.82	635.41	665.60	667.04
Y 56. 0	509.49	581.85	645.77	681.44	670.45	655.18	615.07	609.06	573.83	621.32	651.85	654.48
Y 57. 0	493.02	567.29	632.35	669.20	657.38	641.23	599.90	593.45	558.01	607.22	638.09	641.87
Y 58. 0	476.84	552.99	618.95	656.79	644.44	627.44	584.75	577.82	541.86	593.23	624.45	629.12
Y 59. 0	460.63	538.44	605.42	644.09	631.12	613.26	569.54	561.88	525.86	579.32	611.08	616.18
Y 60. 0	444.17	523.86	591.77	631.46	617.91	598.94	554.11	545.96	509.75	565.09	597.85	603.43
Y 61. 0	428.05	509.19	578.15	618.64	604.63	584.61	538.80	529.72	493.73	551.24	584.22	590.35
Y 62. 0	412.11	494.84	564.51	605.65	591.17	570.46	523.41	513.63	477.85	536.82	570.17	577.36
Y 63. 0	396.12	480.42	550.80	592.69	577.63	555.94	508.07	497.36	461.80	522.83	556.32	564.41
Y 64. 0	380.12	465.93	536.95	579.45	564.09	541.56	492.62	481.11	445.97	508.77	542.08	551.29
Y 65. 0	364.11	451.43	523.07	566.18	550.44	527.18	477.30	464.73	430.34	494.52	528.24	537.97
Y 66. 0	348.32	437.09	509.11	553.06	536.85	512.45	461.71	448.44	414.79	480.53	514.08	524.58
Y 67. 0	332.76	422.84	495.14	539.49	523.12	497.91	446.52	432.03	399.24	466.64	499.61	511.39
Y 68. 0	317.17	408.92	481.23	525.95	509.33	483.25	431.18	415.67	383.72	452.50	485.04	497.97
Y 69. 0	301.84	394.63	467.33	512.50	496.07	468.71	416.15	399.33	368.52	438.43	470.29	484.87
Y 70. 0	286.64	380.63	453.22	499.11	482.46	454.20	401.01	382.73	352.87	424.60	455.13	471.40
Y 71. 0	271.74	366.52	439.22	485.37	468.73	439.87	385.56	366.17	337.83	410.29	439.98	458.24
Y 72. 0	257.04	352.60	425.41	472.14	455.05	425.29	370.52	349.64	322.87	394.93	425.06	444.80
Y 73. 0	242.67	339.04	411.92	458.78	441.39	411.12	355.45	333.10	307.98	379.24	410.88	431.39
Y 74. 0	228.44	325.17	398.21	445.82	427.65	396.93	340.43	316.62	293.37	363.88	397.33	418.35
Y 75. 0	214.52	311.95	384.44	432.89	414.30	382.76	325.35	300.23	278.70	348.77	384.18	405.65
Y 76. 0	201.24	298.70	371.25	419.83	400.72	368.86	310.59	283.74	264.46	334.00	371.64	392.63
Y 77. 0	188.01	285.71	358.10	406.50	387.39	354.86	295.88	267.26	250.22	319.03	359.21	380.11
Y 78. 0	175.37	273.03	344.95	392.76	373.99	340.95	281.17	250.96	236.61	304.48	346.84	367.24
Y 79. 0	163.14	260.70	332.22	379.52	360.62	327.33	266.68	234.78	223.04	291.52	335.01	354.57
Y 80. 0	151.24	248.52	319.65	366.32	347.36	313.61	252.45	218.88	209.52	278.46	323.35	342.25
Y 81. 0	139.98	237.05	307.53	353.47	334.20	300.15	238.21	202.84	196.71	265.07	312.31	330.15
Y 82. 0	129.18	225.75	295.85	340.65	321.20	286.65	224.26	186.96	183.98	251.59	301.84	318.14
Y 83. 0	119.26	215.14	284.26	328.59	308.49	273.52	210.63	171.44	171.53	238.14	292.64	306.56
Y 84. 0	109.98	204.95	273.59	316.44	295.93	260.49	197.13	156.04	159.52	225.30	284.54	295.30
Y 85. 0	101.30	195.43	263.05	304.88	283.74	247.82	183.82	141.25	147.56	212.12	277.08	284.34
Y 86. 0	93.82	186.77	253.26	293.62	271.87	235.33	170.69	126.59	133.90	198.99	269.44	274.06
Y 87. 0	86.79	178.56	243.82	283.24	260.39	223.33	158.29	112.50	119.54	186.04	260.51	264.12
Y 88. 0	80.76	170.71	235.05	273.12	249.46	211.42	146.22	98.76	108.19	175.04	250.85	254.46
Y 89. 0	74.98	163.26	226.55	263.68	239.03	200.33	134.25	85.55	97.20	165.85	241.46	245.35
Y 90. 0	69.31	156.02	218.54	254.59	229.00	189.30	122.89	73.04	85.60	159.25	232.37	236.42
Y 91. 0	64.32	149.20	210.70	246.03	220.01	178.81	111.86	61.03	74.47	156.31	223.78	228.15
Y 92. 0	59.46	142.63	203.20	237.80	211.53	168.80	101.12	50.34	66.03	155.57	215.58	220.21
Y 93. 0	55.04	136.04	195.61	229.69	204.00	159.42	90.98	40.49	63.97	150.69	207.74	212.54

IES Indoor Report
Photometric Filename:TRLED8020.IES

Candela Tabulation - (Cont.)

V/H	C0. 0	C22. 5	C45. 0	C67. 5	C90. 0	C112. 5	C135. 0	C157. 5	C180. 0	C202. 5	C225. 0	C247. 5
Y 94. 0	51. 17	129. 76	188. 09	221. 78	197. 12	150. 32	80. 90	31. 89	66. 48	144. 47	200. 30	205. 01
Y 95. 0	47. 55	123. 40	180. 68	214. 08	190. 32	141. 63	71. 57	24. 70	62. 51	138. 07	192. 81	197. 72
Y 96. 0	44. 33	117. 50	173. 49	206. 37	184. 26	133. 23	62. 54	19. 23	58. 40	132. 09	185. 60	190. 50
Y 97. 0	41. 17	111. 78	166. 68	199. 06	178. 46	125. 91	55. 55	15. 46	54. 35	126. 15	178. 66	183. 49
Y 98. 0	38. 24	106. 25	159. 99	191. 88	172. 16	119. 63	51. 11	13. 71	50. 52	120. 35	171. 71	176. 47
Y 99. 0	35. 35	101. 05	153. 61	184. 93	166. 10	115. 06	51. 67	12. 75	47. 48	114. 80	165. 01	169. 65
Y 100. 0	32. 65	96. 26	147. 43	177. 96	160. 05	112. 68	50. 10	12. 34	44. 37	109. 61	158. 50	163. 18
Y 101. 0	30. 19	90. 83	141. 27	171. 21	154. 19	111. 08	47. 60	12. 25	40. 99	104. 43	152. 35	156. 55
Y 102. 0	27. 92	83. 54	135. 43	164. 92	148. 30	107. 90	44. 55	11. 89	37. 64	97. 87	146. 28	150. 11
Y 103. 0	25. 42	79. 21	129. 90	158. 47	142. 55	103. 16	42. 27	11. 63	35. 22	91. 07	140. 38	143. 36
Y 104. 0	23. 42	74. 52	124. 52	152. 37	136. 85	98. 21	39. 42	11. 19	33. 44	85. 46	133. 63	137. 22
Y 105. 0	21. 72	70. 72	119. 40	146. 47	131. 27	93. 29	36. 55	11. 00	31. 02	81. 06	125. 77	131. 90
Y 106. 0	19. 98	66. 65	113. 31	140. 70	125. 55	88. 41	33. 71	10. 81	28. 74	77. 05	119. 14	126. 93
Y 107. 0	18. 08	63. 28	106. 18	135. 13	120. 17	83. 57	31. 33	10. 47	26. 59	73. 33	113. 68	122. 12
Y 108. 0	16. 80	60. 10	100. 74	130. 04	115. 07	77. 85	29. 01	10. 23	24. 31	69. 99	109. 00	117. 17
Y 109. 0	15. 60	56. 28	96. 01	124. 65	109. 88	71. 81	26. 69	10. 09	22. 40	65. 66	104. 83	112. 55
Y 110. 0	14. 44	52. 80	91. 66	119. 17	104. 03	68. 06	24. 49	9. 96	20. 92	61. 73	100. 84	108. 04
Y 111. 0	13. 39	50. 56	87. 84	114. 19	97. 65	65. 14	22. 26	9. 73	19. 73	58. 89	96. 57	103. 59
Y 112. 0	12. 43	48. 47	84. 30	109. 62	92. 17	62. 04	20. 41	9. 48	18. 23	55. 90	92. 08	99. 18
Y 113. 0	11. 73	45. 90	80. 60	105. 20	87. 29	58. 44	18. 67	9. 18	17. 00	52. 58	87. 50	95. 36
Y 114. 0	10. 77	43. 18	76. 49	100. 83	83. 17	55. 31	16. 91	9. 05	16. 03	49. 84	83. 30	91. 54
Y 115. 0	10. 22	40. 83	72. 76	96. 93	79. 55	51. 94	15. 30	8. 88	14. 90	47. 56	79. 75	87. 62
Y 116. 0	9. 62	38. 45	68. 89	92. 89	76. 59	48. 34	14. 16	8. 67	13. 98	45. 21	76. 57	84. 39
Y 117. 0	9. 30	36. 32	65. 36	88. 91	73. 83	45. 77	13. 29	8. 51	12. 84	43. 44	73. 53	80. 74
Y 118. 0	8. 98	34. 02	62. 17	85. 11	70. 83	43. 66	12. 19	8. 52	11. 92	41. 31	69. 90	77. 76
Y 119. 0	9. 00	31. 91	59. 67	81. 43	67. 09	41. 18	11. 37	8. 37	10. 98	39. 21	66. 53	74. 99
Y 120. 0	8. 55	29. 97	56. 83	77. 71	63. 17	38. 82	10. 67	8. 29	10. 18	36. 96	63. 13	72. 22
Y 121. 0	8. 42	28. 05	53. 94	74. 31	60. 22	36. 37	10. 00	8. 11	9. 63	34. 62	59. 88	69. 56
Y 122. 0	8. 46	26. 08	51. 18	70. 78	58. 18	34. 06	9. 40	8. 05	9. 09	32. 48	56. 39	66. 86
Y 123. 0	8. 15	24. 36	48. 38	67. 37	55. 42	31. 85	8. 83	7. 81	8. 85	30. 00	53. 19	63. 95
Y 124. 0	8. 06	22. 74	45. 78	64. 09	52. 38	29. 71	8. 50	7. 74	8. 68	28. 06	50. 32	60. 90
Y 125. 0	7. 89	21. 13	43. 28	60. 80	49. 40	27. 78	8. 33	7. 61	8. 46	26. 10	47. 50	57. 95
Y 126. 0	7. 84	19. 80	40. 81	57. 94	46. 47	25. 86	8. 25	7. 67	8. 38	24. 10	44. 85	55. 12
Y 127. 0	7. 80	18. 30	38. 47	54. 79	43. 92	24. 00	8. 31	7. 54	8. 31	22. 29	42. 16	52. 13
Y 128. 0	7. 86	17. 02	36. 29	51. 81	41. 33	22. 24	7. 95	7. 63	8. 25	20. 52	39. 59	49. 11
Y 129. 0	7. 79	15. 84	33. 94	49. 02	38. 90	20. 77	7. 95	7. 46	8. 15	19. 00	36. 81	46. 23
Y 130. 0	7. 80	14. 68	31. 90	46. 17	36. 42	19. 11	7. 87	7. 42	8. 25	17. 42	34. 53	43. 63
Y 131. 0	7. 70	13. 59	29. 85	43. 41	34. 04	17. 44	7. 76	7. 37	8. 20	16. 06	33. 00	41. 06
Y 132. 0	7. 58	12. 68	27. 80	40. 82	31. 76	15. 93	7. 77	7. 34	8. 02	14. 81	31. 49	38. 81
Y 133. 0	7. 85	11. 95	25. 88	38. 17	29. 71	14. 61	7. 74	7. 26	8. 09	13. 46	29. 55	36. 27
Y 134. 0	7. 68	11. 25	23. 97	35. 40	27. 79	13. 48	7. 70	7. 30	8. 06	12. 59	27. 44	34. 02
Y 135. 0	7. 55	10. 63	22. 34	32. 63	25. 68	12. 48	7. 71	7. 11	7. 94	11. 79	25. 58	31. 85
Y 136. 0	7. 82	10. 35	20. 84	30. 27	23. 77	11. 48	7. 60	7. 22	7. 87	11. 09	23. 87	29. 48
Y 137. 0	7. 78	10. 27	19. 37	27. 82	22. 19	10. 71	7. 66	7. 23	7. 91	10. 51	22. 25	27. 36
Y 138. 0	7. 78	10. 11	17. 84	25. 82	20. 60	10. 17	7. 70	7. 01	8. 03	9. 98	20. 72	25. 43
Y 139. 0	7. 89	10. 23	16. 70	23. 75	19. 31	9. 87	7. 72	7. 16	7. 93	9. 89	19. 01	23. 47
Y 140. 0	7. 83	9. 92	15. 37	22. 08	17. 78	9. 60	7. 56	7. 34	7. 97	9. 64	17. 33	21. 68

IES Indoor Report

Photometric Filename:TRLED8020.IES

Candela Tabulation - (Cont.)

V/H	C0. 0	C22. 5	C45. 0	C67. 5	C90. 0	C112. 5	C135. 0	C157. 5	C180. 0	C202. 5	C225. 0	C247. 5
Y 141. 0	7. 90	10. 10	14. 30	20. 43	16. 48	9. 62	7. 53	7. 22	7. 94	9. 56	15. 91	19. 91
Y 142. 0	8. 00	9. 91	13. 31	18. 96	15. 44	9. 49	7. 61	7. 43	7. 98	9. 43	14. 42	18. 06
Y 143. 0	8. 03	9. 90	12. 78	17. 45	14. 15	9. 44	7. 60	7. 48	7. 85	9. 47	13. 24	16. 58
Y 144. 0	8. 06	9. 86	12. 28	16. 22	13. 24	9. 22	7. 50	7. 35	7. 94	9. 47	12. 32	15. 01
Y 145. 0	8. 11	9. 91	12. 03	14. 80	12. 70	9. 28	7. 53	7. 46	8. 14	9. 48	11. 57	13. 88
Y 146. 0	8. 15	9. 66	11. 97	13. 81	12. 24	9. 03	7. 68	7. 45	8. 24	9. 43	11. 22	13. 02
Y 147. 0	8. 47	9. 80	11. 89	13. 28	11. 89	9. 33	7. 61	7. 60	8. 31	9. 40	10. 81	12. 55
Y 148. 0	8. 35	9. 71	11. 90	12. 78	11. 85	9. 07	7. 81	7. 70	8. 31	9. 51	10. 79	12. 41
Y 149. 0	8. 33	9. 61	11. 89	12. 50	11. 58	9. 14	7. 87	7. 76	8. 33	9. 41	10. 46	11. 94
Y 150. 0	8. 40	9. 57	11. 85	12. 25	11. 31	9. 16	7. 83	7. 88	8. 47	9. 53	10. 51	11. 93
Y 151. 0	8. 55	9. 55	11. 86	12. 16	11. 23	9. 11	7. 92	8. 02	8. 43	9. 38	10. 39	11. 90
Y 152. 0	8. 55	9. 52	11. 76	11. 96	11. 14	9. 01	7. 93	8. 09	8. 47	9. 35	10. 31	11. 65
Y 153. 0	8. 51	9. 50	11. 59	11. 80	11. 02	9. 17	7. 99	8. 18	8. 68	9. 40	10. 29	11. 55
Y 154. 0	8. 66	9. 43	11. 44	11. 63	10. 84	9. 12	8. 11	8. 23	8. 66	9. 34	10. 22	11. 61
Y 155. 0	8. 74	9. 39	11. 43	11. 54	10. 94	9. 14	8. 15	8. 36	8. 65	9. 36	10. 14	11. 37
Y 156. 0	8. 77	9. 32	11. 24	11. 22	10. 76	9. 02	8. 13	8. 49	9. 06	9. 37	10. 21	11. 24
Y 157. 0	8. 85	9. 23	11. 08	11. 05	10. 64	9. 08	8. 19	8. 47	8. 86	9. 36	10. 11	11. 27
Y 158. 0	9. 05	9. 25	11. 09	11. 03	10. 59	9. 11	8. 22	8. 63	9. 03	9. 32	10. 06	11. 16
Y 159. 0	8. 96	9. 29	10. 84	11. 02	10. 52	9. 16	8. 32	8. 53	8. 82	9. 30	10. 13	10. 96
Y 160. 0	9. 14	9. 33	10. 84	10. 89	10. 33	9. 18	8. 48	8. 72	9. 10	9. 17	10. 01	10. 92
Y 161. 0	9. 20	9. 33	10. 68	10. 76	10. 33	9. 13	8. 46	8. 79	8. 93	9. 23	10. 01	10. 78
Y 162. 0	9. 20	9. 36	10. 69	10. 70	10. 08	9. 18	8. 56	8. 80	9. 13	9. 25	10. 06	10. 63
Y 163. 0	9. 33	9. 27	10. 39	10. 40	10. 00	9. 20	8. 55	8. 88	9. 23	9. 11	10. 04	10. 49
Y 164. 0	9. 36	9. 23	10. 58	10. 45	10. 07	9. 20	8. 81	9. 08	9. 23	9. 22	10. 05	10. 47
Y 165. 0	9. 36	9. 28	10. 41	10. 32	10. 11	9. 18	8. 84	9. 06	9. 25	9. 29	10. 15	10. 48
Y 166. 0	9. 44	9. 22	10. 38	10. 38	9. 99	9. 20	9. 03	9. 26	9. 37	9. 17	10. 07	10. 56
Y 167. 0	9. 47	9. 26	10. 36	10. 27	9. 88	9. 28	9. 24	9. 30	9. 38	9. 31	10. 11	10. 50
Y 168. 0	9. 76	9. 36	10. 31	10. 36	9. 90	9. 12	9. 29	9. 42	9. 32	9. 45	9. 93	10. 36
Y 169. 0	9. 74	9. 39	10. 27	10. 41	9. 79	9. 39	9. 24	9. 55	9. 70	9. 46	9. 90	10. 45
Y 170. 0	9. 69	9. 44	10. 34	10. 24	9. 82	9. 38	9. 23	9. 47	9. 70	9. 53	9. 91	10. 35
Y 171. 0	9. 76	9. 60	10. 38	10. 24	9. 76	9. 47	9. 45	9. 64	9. 71	9. 54	9. 84	10. 24
Y 172. 0	9. 73	9. 53	10. 35	10. 37	9. 81	9. 53	9. 42	9. 58	9. 64	9. 59	9. 73	10. 25
Y 173. 0	9. 98	9. 46	10. 33	10. 14	9. 87	9. 67	9. 48	9. 60	9. 92	9. 61	9. 93	10. 48
Y 174. 0	9. 96	9. 66	10. 61	10. 20	9. 98	9. 66	9. 64	9. 64	9. 83	9. 68	9. 80	10. 50
Y 175. 0	10. 06	9. 94	10. 49	10. 22	10. 02	9. 93	9. 70	9. 85	9. 82	9. 80	10. 02	10. 73
Y 176. 0	10. 16	9. 86	10. 43	10. 26	10. 20	9. 91	9. 79	9. 86	10. 07	9. 77	10. 12	10. 60
Y 177. 0	10. 13	9. 80	10. 44	10. 30	10. 13	10. 06	9. 82	9. 91	9. 97	9. 79	10. 33	10. 52
Y 178. 0	10. 08	10. 04	10. 65	10. 31	10. 31	10. 18	9. 89	9. 93	10. 05	9. 87	10. 32	10. 29
Y 179. 0	10. 05	10. 07	10. 67	10. 44	10. 15	10. 25	9. 89	9. 97	10. 22	9. 74	10. 45	10. 26
Y 180. 0	10. 15	10. 15	10. 15	10. 15	10. 15	10. 15	10. 15	10. 15	10. 15	10. 15	10. 15	10. 15
V/H	C270. 0	C292. 5	C315. 0	C337. 5								
Y 0. 0	1077. 81	1077. 81	1077. 81	1077. 81								
Y 1. 0	1058. 18	1057. 95	1053. 79	1049. 08								
Y 2. 0	1056. 73	1055. 31	1050. 35	1045. 28								
Y 3. 0	1054. 57	1052. 25	1046. 27	1040. 79								
Y 4. 0	1052. 64	1048. 48	1042. 25	1035. 80								
Y 5. 0	1050. 23	1044. 68	1037. 73	1030. 52								

Candela Tabulation - (Cont.)

V/H	C270. 0	C292. 5	C315. 0	C337. 5
Y 6. 0	1047. 40	1040. 36	1032. 28	1024. 93
Y 7. 0	1044. 01	1035. 92	1026. 97	1018. 77
Y 8. 0	1040. 75	1030. 70	1020. 94	1012. 26
Y 9. 0	1036. 97	1025. 34	1014. 56	1005. 22
Y 10. 0	1032. 73	1019. 86	1007. 79	997. 99
Y 11. 0	1028. 35	1013. 70	1000. 84	990. 19
Y 12. 0	1023. 67	1007. 55	993. 34	981. 99
Y 13. 0	1018. 69	1000. 79	985. 37	973. 62
Y 14. 0	1013. 56	993. 82	977. 10	964. 34
Y 15. 0	1008. 00	986. 20	968. 64	954. 95
Y 16. 0	1002. 33	979. 00	959. 67	945. 46
Y 17. 0	996. 02	970. 85	950. 25	935. 37
Y 18. 0	989. 87	962. 34	940. 75	924. 70
Y 19. 0	983. 29	953. 80	930. 88	914. 01
Y 20. 0	976. 19	945. 10	920. 44	903. 01
Y 21. 0	969. 05	935. 94	909. 70	891. 45
Y 22. 0	961. 73	926. 50	898. 80	879. 78
Y 23. 0	953. 99	916. 71	887. 53	867. 67
Y 24. 0	945. 76	906. 86	875. 95	855. 38
Y 25. 0	937. 60	896. 57	864. 18	842. 50
Y 26. 0	929. 37	886. 07	852. 14	829. 47
Y 27. 0	920. 59	875. 34	839. 67	816. 35
Y 28. 0	911. 60	864. 47	827. 07	802. 82
Y 29. 0	902. 66	853. 33	814. 29	789. 10
Y 30. 0	893. 25	842. 01	801. 17	775. 18
Y 31. 0	883. 55	830. 66	787. 72	761. 10
Y 32. 0	873. 74	818. 73	774. 31	746. 51
Y 33. 0	863. 97	806. 74	760. 80	731. 88
Y 34. 0	853. 71	794. 61	746. 70	716. 92
Y 35. 0	843. 60	782. 41	732. 63	702. 21
Y 36. 0	833. 32	769. 79	718. 41	687. 07
Y 37. 0	822. 75	757. 21	704. 13	671. 53
Y 38. 0	812. 32	744. 41	689. 52	655. 95
Y 39. 0	801. 47	731. 69	674. 77	640. 32
Y 40. 0	790. 68	718. 71	659. 90	624. 46
Y 41. 0	779. 61	705. 83	645. 03	608. 43
Y 42. 0	768. 39	692. 84	629. 90	592. 42
Y 43. 0	757. 07	679. 67	614. 81	576. 14
Y 44. 0	745. 66	666. 51	599. 39	559. 80
Y 45. 0	733. 99	653. 45	583. 92	543. 37
Y 46. 0	722. 23	640. 16	568. 30	526. 84
Y 47. 0	710. 66	626. 70	552. 87	509. 91
Y 48. 0	698. 68	613. 12	537. 59	493. 37
Y 49. 0	686. 61	599. 69	521. 78	476. 51
Y 50. 0	674. 52	586. 17	506. 25	459. 44
Y 51. 0	662. 27	572. 52	490. 43	442. 65
Y 52. 0	649. 83	559. 12	474. 76	425. 64

Candela Tabulation - (Cont.)

V/H	C270. 0	C292. 5	C315. 0	C337. 5
Y 53. 0	637. 34	545. 43	459. 10	408. 91
Y 54. 0	624. 68	531. 72	443. 55	391. 70
Y 55. 0	612. 09	518. 12	427. 82	374. 58
Y 56. 0	599. 42	504. 55	412. 49	357. 45
Y 57. 0	586. 64	490. 82	397. 29	340. 40
Y 58. 0	573. 72	477. 21	381. 96	323. 26
Y 59. 0	560. 80	463. 62	366. 81	306. 24
Y 60. 0	547. 89	450. 13	351. 65	289. 23
Y 61. 0	535. 07	436. 62	336. 81	272. 01
Y 62. 0	521. 95	423. 15	322. 00	254. 92
Y 63. 0	508. 88	409. 84	307. 21	238. 24
Y 64. 0	495. 89	396. 66	292. 60	221. 63
Y 65. 0	482. 58	383. 46	278. 35	205. 19
Y 66. 0	469. 63	370. 42	264. 20	188. 91
Y 67. 0	456. 61	357. 38	250. 24	172. 77
Y 68. 0	443. 41	344. 36	236. 67	156. 84
Y 69. 0	430. 28	331. 59	223. 31	141. 38
Y 70. 0	417. 59	318. 96	209. 95	126. 43
Y 71. 0	405. 00	306. 51	197. 29	111. 97
Y 72. 0	392. 34	294. 08	184. 77	97. 94
Y 73. 0	379. 61	281. 85	172. 72	84. 40
Y 74. 0	366. 84	270. 16	160. 94	71. 71
Y 75. 0	354. 82	258. 42	149. 93	59. 90
Y 76. 0	342. 68	246. 88	138. 92	49. 29
Y 77. 0	330. 60	235. 70	128. 65	39. 70
Y 78. 0	318. 92	224. 89	118. 88	31. 45
Y 79. 0	307. 32	214. 25	109. 66	24. 80
Y 80. 0	296. 05	204. 05	101. 08	20. 23
Y 81. 0	284. 90	194. 68	93. 05	17. 65
Y 82. 0	274. 35	185. 58	85. 86	16. 58
Y 83. 0	264. 07	176. 95	79. 60	15. 82
Y 84. 0	254. 26	169. 27	74. 18	15. 27
Y 85. 0	244. 68	161. 95	69. 07	14. 92
Y 86. 0	235. 85	155. 17	64. 50	14. 45
Y 87. 0	227. 41	148. 80	60. 08	13. 99
Y 88. 0	219. 17	142. 33	56. 10	13. 73
Y 89. 0	211. 37	136. 16	52. 69	13. 32
Y 90. 0	203. 76	130. 42	49. 32	13. 07
Y 91. 0	196. 57	124. 72	46. 30	12. 53
Y 92. 0	189. 67	119. 36	43. 30	12. 40
Y 93. 0	182. 80	114. 04	40. 54	11. 95
Y 94. 0	176. 10	108. 59	37. 97	11. 57
Y 95. 0	169. 65	101. 11	35. 61	11. 41
Y 96. 0	163. 38	94. 19	33. 29	11. 07
Y 97. 0	157. 29	89. 68	30. 92	10. 66
Y 98. 0	151. 33	85. 08	28. 69	10. 52
Y 99. 0	145. 48	81. 06	26. 83	10. 19

IES Indoor Report

Photometric Filename:TRLED8020.IES

Candela Tabulation - (Cont.)

V/H	C270. 0	C292. 5	C315. 0	C337. 5
Y 100. 0	138. 24	77. 56	24. 91	9. 90
Y 101. 0	130. 10	74. 18	22. 99	9. 55
Y 102. 0	123. 31	70. 03	21. 60	9. 44
Y 103. 0	118. 30	66. 18	20. 45	9. 35
Y 104. 0	113. 56	63. 60	19. 27	9. 10
Y 105. 0	109. 40	61. 90	18. 10	8. 86
Y 106. 0	105. 53	59. 22	16. 96	8. 73
Y 107. 0	101. 43	56. 55	15. 76	8. 66
Y 108. 0	97. 16	53. 69	14. 68	8. 32
Y 109. 0	92. 97	51. 00	13. 96	8. 29
Y 110. 0	88. 78	48. 78	13. 07	8. 01
Y 111. 0	84. 92	46. 51	12. 20	8. 01
Y 112. 0	81. 69	43. 97	11. 49	7. 81
Y 113. 0	78. 66	41. 98	10. 74	7. 64
Y 114. 0	75. 72	39. 79	10. 31	7. 53
Y 115. 0	72. 40	37. 74	9. 75	7. 47
Y 116. 0	68. 95	35. 76	9. 54	7. 29
Y 117. 0	65. 75	33. 74	9. 28	7. 24
Y 118. 0	62. 40	31. 99	9. 19	7. 16
Y 119. 0	59. 47	30. 26	9. 17	7. 22
Y 120. 0	56. 62	28. 55	9. 06	7. 08
Y 121. 0	53. 82	26. 92	8. 92	7. 07
Y 122. 0	51. 20	25. 28	8. 88	7. 06
Y 123. 0	48. 58	23. 68	8. 82	6. 93
Y 124. 0	45. 94	22. 35	8. 86	6. 95
Y 125. 0	43. 42	21. 04	8. 68	6. 90
Y 126. 0	41. 02	19. 72	8. 71	6. 85
Y 127. 0	38. 99	18. 47	8. 52	6. 80
Y 128. 0	36. 69	17. 33	8. 75	6. 80
Y 129. 0	34. 57	16. 08	8. 73	6. 95
Y 130. 0	32. 48	15. 04	8. 57	7. 07
Y 131. 0	30. 48	14. 20	8. 70	7. 03
Y 132. 0	28. 44	13. 27	8. 66	7. 06
Y 133. 0	26. 63	12. 55	8. 72	7. 18
Y 134. 0	24. 96	11. 88	8. 86	7. 18
Y 135. 0	23. 24	11. 63	8. 79	7. 32
Y 136. 0	21. 65	11. 20	8. 82	7. 27
Y 137. 0	20. 27	10. 93	8. 81	7. 41
Y 138. 0	18. 57	11. 15	8. 86	7. 55
Y 139. 0	17. 18	10. 93	8. 95	7. 54
Y 140. 0	15. 94	10. 76	9. 01	7. 73
Y 141. 0	14. 85	10. 89	8. 92	7. 86
Y 142. 0	13. 78	10. 96	8. 92	7. 97
Y 143. 0	12. 96	10. 98	9. 09	7. 99
Y 144. 0	12. 43	10. 86	9. 12	7. 96
Y 145. 0	12. 15	10. 86	9. 06	8. 19
Y 146. 0	11. 87	10. 90	9. 27	8. 24

IES Indoor Report

Photometric Filename:TRLED8020.IES

Candela Tabulation - (Cont.)

V/H	C270. 0	C292. 5	C315. 0	C337. 5
Y 147. 0	11. 80	10. 77	9. 20	8. 23
Y 148. 0	11. 50	10. 80	9. 36	8. 42
Y 149. 0	11. 40	10. 77	9. 43	8. 52
Y 150. 0	11. 36	10. 59	9. 41	8. 66
Y 151. 0	11. 45	10. 58	9. 41	8. 71
Y 152. 0	11. 21	10. 68	9. 49	9. 07
Y 153. 0	11. 21	10. 61	9. 44	8. 90
Y 154. 0	11. 06	10. 61	9. 64	8. 90
Y 155. 0	11. 01	10. 51	9. 54	8. 99
Y 156. 0	11. 12	10. 61	9. 74	9. 17
Y 157. 0	11. 01	10. 40	9. 74	9. 20
Y 158. 0	11. 07	10. 51	9. 72	9. 19
Y 159. 0	11. 03	10. 50	9. 64	9. 43
Y 160. 0	10. 97	10. 34	9. 82	9. 44
Y 161. 0	10. 85	10. 46	9. 67	9. 40
Y 162. 0	10. 76	10. 41	9. 82	9. 52
Y 163. 0	10. 91	10. 21	9. 82	9. 54
Y 164. 0	10. 75	10. 28	9. 87	9. 83
Y 165. 0	10. 65	10. 27	9. 84	9. 73
Y 166. 0	10. 61	10. 18	9. 95	9. 80
Y 167. 0	10. 55	10. 25	10. 10	9. 84
Y 168. 0	10. 48	10. 16	10. 05	9. 88
Y 169. 0	10. 57	10. 19	9. 95	9. 93
Y 170. 0	10. 41	10. 08	10. 20	10. 03
Y 171. 0	10. 41	10. 09	10. 19	9. 98
Y 172. 0	10. 63	10. 23	10. 12	9. 91
Y 173. 0	10. 48	10. 26	10. 13	10. 05
Y 174. 0	10. 50	10. 14	10. 07	10. 01
Y 175. 0	10. 51	10. 21	10. 03	9. 87
Y 176. 0	10. 56	10. 14	9. 98	10. 10
Y 177. 0	10. 75	10. 31	10. 01	10. 08
Y 178. 0	10. 63	10. 21	10. 03	10. 10
Y 179. 0	10. 59	10. 15	9. 98	10. 04
Y 180. 0	10. 15	10. 15	10. 15	10. 15