

IES Indoor Report

Photometric Filename:LEDBATTEN40W6K-2017-05-27.IES

Indoor Luminaire Photometric Data

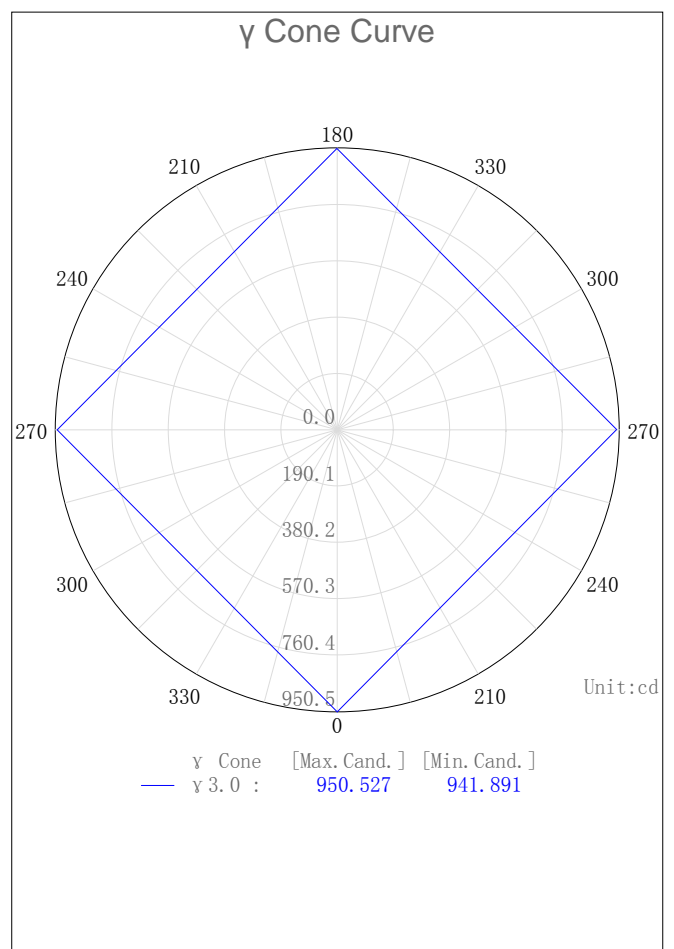
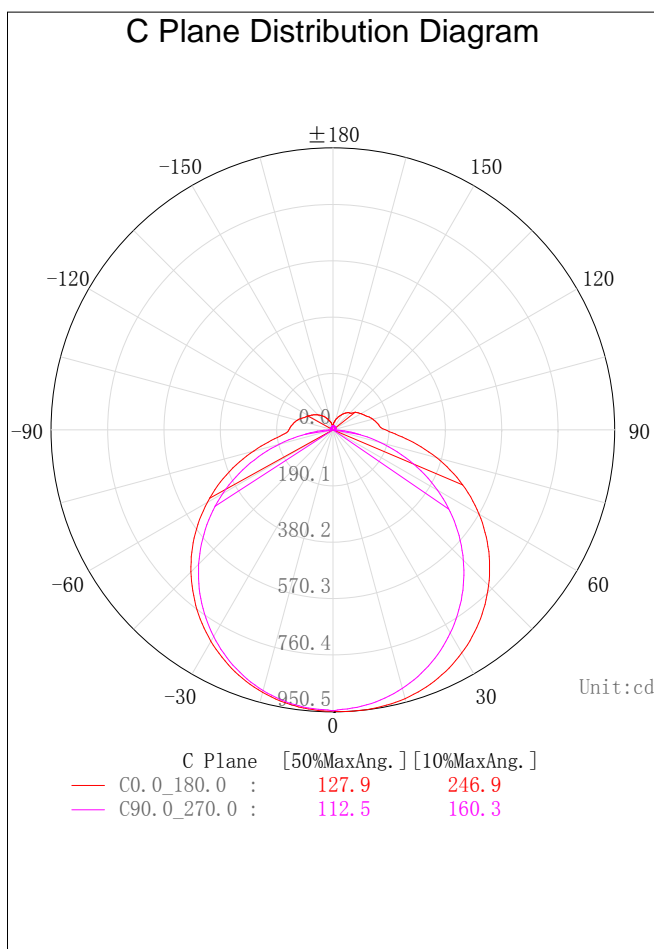
Description Information

Lum. Name: LEDBATTEN40W6K	Lum. Catalog: LED BATTEN	Test ID:
Lamp Name: 6000K	Lamp Catalog: SMD2835	Test Date: 2017/05/27
Manufacture:	ShldAngle(°):	Test Machine:GON-2000
Test Lab:	Frequency (Hz):	Lamp CCT (K): Ra:
Lum. Size (W*L*H): 0.080m*1.200m*0.065m	Lum. Area (m2): 0.174	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): 3351.940	Luminaire Flux: 3351.939lm	Field Angle (10%Imax): 246.9	
Rated Power (W):	Luminaire Efficiency: 100.00%	Down Lumens&Percent: 3017.641lm 90.03%	
Rated Voltage (V):	Luminaire EER (lm/W): 84.816	Up Lumens&Percent: 334.298lm 9.97%	
Tested Power (W): 39.520	Max. Cand. (cd): 950.527	S/MH: C0_a180=1.325 C90_270=1.252	
Lamps' Inside: 1	Max Cand@Ang. (°): C=0.0 γ=3.0	CIE Type: Semi-Direct	
Tested Electric: U=240.4V, I=0.173A, PF=0.000	Beam Angle (50%Imax): 127.9	ErP Φ use (120°): 2213.896lm	
Lamp Size (W*L*H): 0.080m*1.200m*0.065m	Left=-60.9 Right=67.0	IRF: 102.292%	

Lighting Distribution Diagram



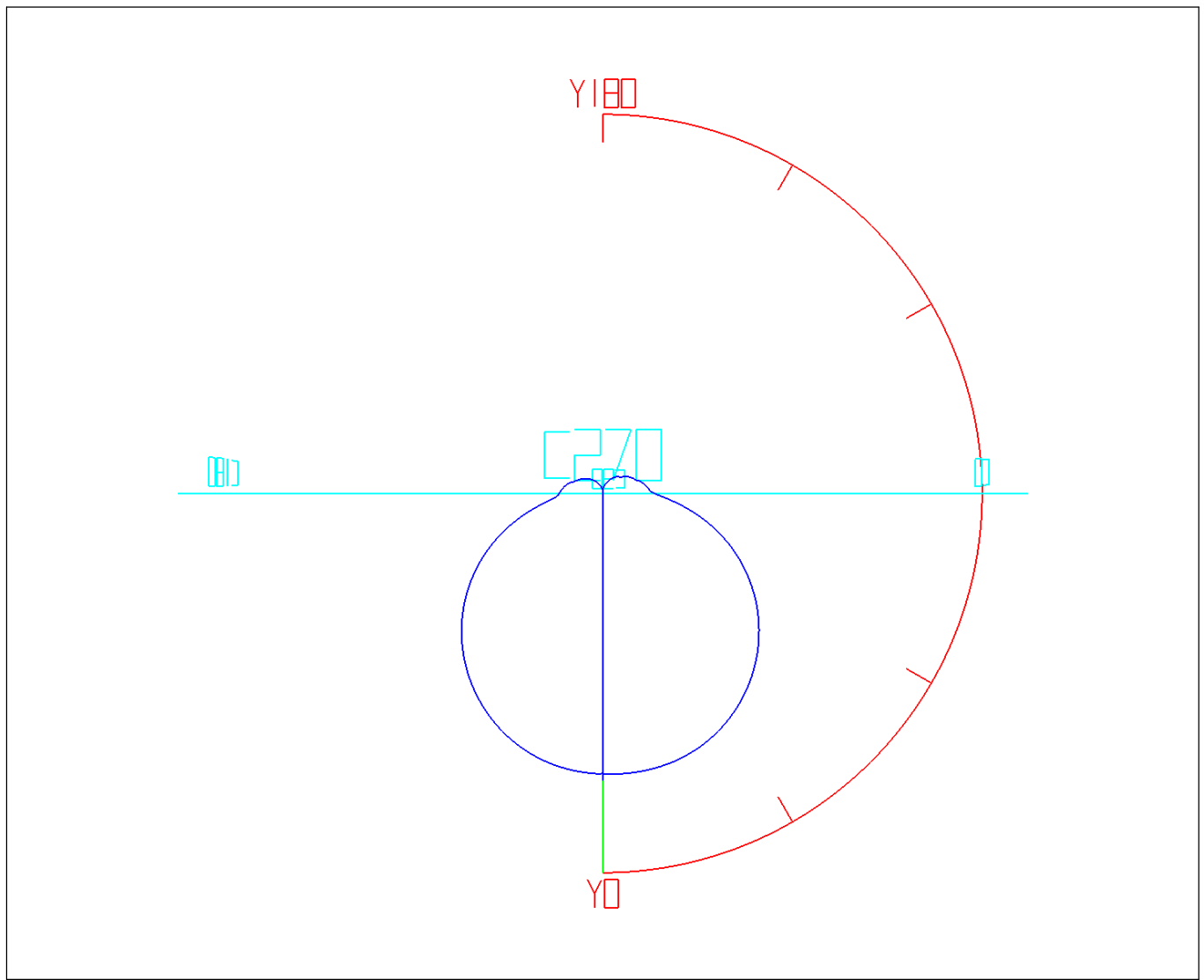
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3D Light Intensity Distribution Modal

Lum. Name: LEDBATTEN40W6K	Lum. Catalog: LED BATTEN	Test ID:
Lamp Name: 6000K	Lamp Catalog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/05/27

3D Light Intensity Distribution Modal



Curves: 3D Model ——— Fixture ——— Vert. HUD ——— Hori. HUD ———
View Angles: Orient:0 Tilt:0 Roll:0 Spin:0

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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	0.91	0.91	0.03	0.03	47.0-48.0	51.72	51.72	1.54	1.54
1.0-2.0	2.72	3.62	0.08	0.11	48.0-49.0	51.52	103.24	1.54	3.08
2.0-3.0	4.53	8.15	0.14	0.24	49.0-50.0	51.27	154.50	1.53	4.61
3.0-4.0	6.33	14.48	0.19	0.43	50.0-51.0	50.95	205.45	1.52	6.13
4.0-5.0	8.12	22.60	0.24	0.67	51.0-52.0	50.57	256.02	1.51	7.64
5.0-6.0	9.91	32.51	0.30	0.97	52.0-53.0	50.12	306.14	1.50	9.13
6.0-7.0	11.69	44.20	0.35	1.32	53.0-54.0	49.62	355.76	1.48	10.61
7.0-8.0	13.45	57.64	0.40	1.72	54.0-55.0	49.05	404.81	1.46	12.08
8.0-9.0	15.19	72.84	0.45	2.17	55.0-56.0	48.43	453.24	1.44	13.52
9.0-10.0	16.92	89.76	0.50	2.68	56.0-57.0	47.74	500.98	1.42	14.95
10.0-11.0	18.63	108.39	0.56	3.23	57.0-58.0	47.00	547.98	1.40	16.35
11.0-12.0	20.32	128.70	0.61	3.84	58.0-59.0	46.19	594.17	1.38	17.73
12.0-13.0	21.98	150.68	0.66	4.50	59.0-60.0	45.33	639.50	1.35	19.08
13.0-14.0	23.61	174.29	0.70	5.20	60.0-61.0	44.42	683.92	1.33	20.40
14.0-15.0	25.22	199.51	0.75	5.95	61.0-62.0	43.46	727.37	1.30	21.70
15.0-16.0	26.80	226.31	0.80	6.75	62.0-63.0	42.44	769.81	1.27	22.97
16.0-17.0	28.34	254.65	0.85	7.60	63.0-64.0	41.37	811.18	1.23	24.20
17.0-18.0	29.85	284.49	0.89	8.49	64.0-65.0	40.25	851.44	1.20	25.40
18.0-19.0	31.32	315.81	0.93	9.42	65.0-66.0	39.08	890.52	1.17	26.57
19.0-20.0	32.75	348.56	0.98	10.40	66.0-67.0	37.86	928.38	1.13	27.70
20.0-21.0	34.14	382.70	1.02	11.42	67.0-68.0	36.61	964.99	1.09	28.79
21.0-22.0	35.49	418.19	1.06	12.48	68.0-69.0	35.31	1000.30	1.05	29.84
22.0-23.0	36.80	454.99	1.10	13.57	69.0-70.0	33.97	1034.27	1.01	30.86
23.0-24.0	38.06	493.04	1.14	14.71	70.0-71.0	32.59	1066.86	0.97	31.83
24.0-25.0	39.27	532.31	1.17	15.88	71.0-72.0	31.19	1098.04	0.93	32.76
25.0-26.0	40.43	572.75	1.21	17.09	72.0-73.0	29.75	1127.79	0.89	33.65
26.0-27.0	41.55	614.30	1.24	18.33	73.0-74.0	28.30	1156.09	0.84	34.49
27.0-28.0	42.61	656.91	1.27	19.60	74.0-75.0	26.83	1182.92	0.80	35.29
28.0-29.0	43.62	700.53	1.30	20.90	75.0-76.0	25.35	1208.27	0.76	36.05
29.0-30.0	44.58	745.11	1.33	22.23	76.0-77.0	23.86	1232.13	0.71	36.76
30.0-31.0	45.48	790.59	1.36	23.59	77.0-78.0	22.37	1254.50	0.67	37.43
31.0-32.0	46.33	836.92	1.38	24.97	78.0-79.0	20.90	1275.40	0.62	38.05
32.0-33.0	47.12	884.05	1.41	26.37	79.0-80.0	19.45	1294.85	0.58	38.63
33.0-34.0	47.85	931.90	1.43	27.80	80.0-81.0	18.03	1312.88	0.54	39.17
34.0-35.0	48.53	980.43	1.45	29.25	81.0-82.0	16.66	1329.54	0.50	39.66
35.0-36.0	49.14	1029.57	1.47	30.72	82.0-83.0	15.36	1344.91	0.46	40.12
36.0-37.0	49.70	1079.26	1.48	32.20	83.0-84.0	14.14	1359.05	0.42	40.55
37.0-38.0	50.19	1129.46	1.50	33.70	84.0-85.0	13.00	1372.04	0.39	40.93
38.0-39.0	50.63	1180.09	1.51	35.21	85.0-86.0	11.96	1384.01	0.36	41.29
39.0-40.0	51.00	1231.09	1.52	36.73	86.0-87.0	11.05	1395.05	0.33	41.62
40.0-41.0	51.31	1282.39	1.53	38.26	87.0-88.0	10.29	1405.35	0.31	41.93
41.0-42.0	51.55	1333.95	1.54	39.80	88.0-89.0	9.73	1415.08	0.29	42.22
42.0-43.0	51.74	1385.69	1.54	41.34	89.0-90.0	9.32	1424.40	0.28	42.49
43.0-44.0	51.86	1437.55	1.55	42.89	90.0-91.0	9.04	1433.44	0.27	42.76
44.0-45.0	51.92	1489.47	1.55	44.44	91.0-92.0	8.82	1442.26	0.26	43.03
45.0-46.0	51.92	1541.39	1.55	45.99	92.0-93.0	8.66	1450.92	0.26	43.29
46.0-47.0	51.85	1593.24	1.55	47.53	93.0-94.0	8.54	1459.46	0.25	43.54

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Zonal Flux Tabulation - (Cont.)

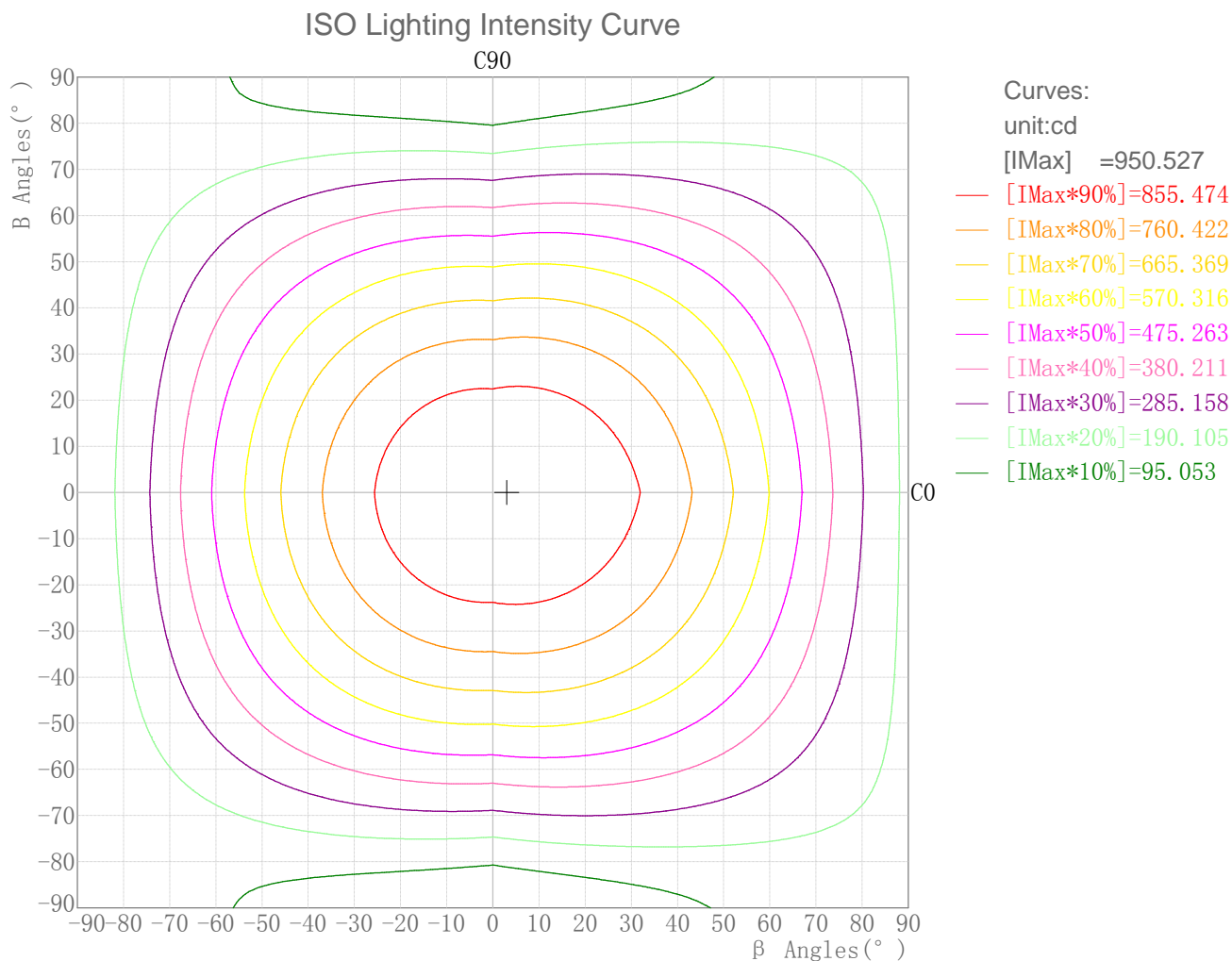
Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp	Zone (γ)	Zone Flux (lm)	Sums Flux (lm)	Zone%Lamp	Sums%Lamp
94.0-95.0	8.45	8.45	0.25	0.25	141.0-142.0	2.58	2.58	0.08	0.08
95.0-96.0	8.35	16.80	0.25	0.50	142.0-143.0	2.48	5.06	0.07	0.15
96.0-97.0	8.25	25.05	0.25	0.75	143.0-144.0	2.37	7.43	0.07	0.22
97.0-98.0	8.15	33.20	0.24	0.99	144.0-145.0	2.27	9.70	0.07	0.29
98.0-99.0	8.04	41.25	0.24	1.23	145.0-146.0	2.16	11.86	0.06	0.35
99.0-100.0	7.93	49.18	0.24	1.47	146.0-147.0	2.06	13.93	0.06	0.42
100.0-101.0	7.81	56.99	0.23	1.70	147.0-148.0	1.96	15.89	0.06	0.47
101.0-102.0	7.69	64.68	0.23	1.93	148.0-149.0	1.87	17.76	0.06	0.53
102.0-103.0	7.57	72.26	0.23	2.16	149.0-150.0	1.77	19.53	0.05	0.58
103.0-104.0	7.45	79.71	0.22	2.38	150.0-151.0	1.67	21.20	0.05	0.63
104.0-105.0	7.32	87.02	0.22	2.60	151.0-152.0	1.58	22.78	0.05	0.68
105.0-106.0	7.18	94.20	0.21	2.81	152.0-153.0	1.48	24.26	0.04	0.72
106.0-107.0	7.05	101.25	0.21	3.02	153.0-154.0	1.39	25.65	0.04	0.77
107.0-108.0	6.90	108.16	0.21	3.23	154.0-155.0	1.31	26.97	0.04	0.80
108.0-109.0	6.76	114.91	0.20	3.43	155.0-156.0	1.23	28.20	0.04	0.84
109.0-110.0	6.58	121.49	0.20	3.62	156.0-157.0	1.15	29.35	0.03	0.88
110.0-111.0	6.38	127.87	0.19	3.81	157.0-158.0	1.08	30.43	0.03	0.91
111.0-112.0	6.20	134.07	0.19	4.00	158.0-159.0	1.00	31.43	0.03	0.94
112.0-113.0	6.06	140.13	0.18	4.18	159.0-160.0	0.93	32.35	0.03	0.97
113.0-114.0	5.94	146.07	0.18	4.36	160.0-161.0	0.86	33.21	0.03	0.99
114.0-115.0	5.82	151.89	0.17	4.53	161.0-162.0	0.79	34.00	0.02	1.01
115.0-116.0	5.70	157.59	0.17	4.70	162.0-163.0	0.73	34.72	0.02	1.04
116.0-117.0	5.58	163.18	0.17	4.87	163.0-164.0	0.66	35.39	0.02	1.06
117.0-118.0	5.46	168.63	0.16	5.03	164.0-165.0	0.60	35.99	0.02	1.07
118.0-119.0	5.33	173.96	0.16	5.19	165.0-166.0	0.55	36.54	0.02	1.09
119.0-120.0	5.20	179.16	0.16	5.35	166.0-167.0	0.49	37.03	0.01	1.10
120.0-121.0	5.08	184.24	0.15	5.50	167.0-168.0	0.44	37.47	0.01	1.12
121.0-122.0	4.95	189.19	0.15	5.64	168.0-169.0	0.39	37.87	0.01	1.13
122.0-123.0	4.83	194.02	0.14	5.79	169.0-170.0	0.35	38.21	0.01	1.14
123.0-124.0	4.71	198.73	0.14	5.93	170.0-171.0	0.30	38.51	0.01	1.15
124.0-125.0	4.59	203.32	0.14	6.07	171.0-172.0	0.26	38.77	0.01	1.16
125.0-126.0	4.46	207.78	0.13	6.20	172.0-173.0	0.22	38.99	0.01	1.16
126.0-127.0	4.34	212.12	0.13	6.33	173.0-174.0	0.18	39.17	0.01	1.17
127.0-128.0	4.21	216.33	0.13	6.45	174.0-175.0	0.15	39.32	0.00	1.17
128.0-129.0	4.07	220.41	0.12	6.58	175.0-176.0	0.12	39.43	0.00	1.18
129.0-130.0	3.92	224.32	0.12	6.69	176.0-177.0	0.09	39.52	0.00	1.18
130.0-131.0	3.76	228.08	0.11	6.80	177.0-178.0	0.06	39.58	0.00	1.18
131.0-132.0	3.63	231.71	0.11	6.91	178.0-179.0	0.04	39.62	0.00	1.18
132.0-133.0	3.51	235.22	0.10	7.02	179.0-180.0	0.01	39.63	0.00	1.18
133.0-134.0	3.40	238.62	0.10	7.12					
134.0-135.0	3.30	241.92	0.10	7.22					
135.0-136.0	3.19	245.11	0.10	7.31					
136.0-137.0	3.10	248.21	0.09	7.41					
137.0-138.0	3.01	251.22	0.09	7.49					
138.0-139.0	2.90	254.12	0.09	7.58					
139.0-140.0	2.79	256.92	0.08	7.66					
140.0-141.0	2.69	259.60	0.08	7.74					

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Rectangle ISO Lighting Intensity Diagram

Lum. Name: LEDBATTEN40W6K	Lum. Catalog: LED BATTEN	Test ID:
Lamp Name: 6000K	Lamp Catalog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/05/27



Maximum Light Intensity(cd): 950.53

Maximum Cand.@Angle: H=3.0°;V=0.0°

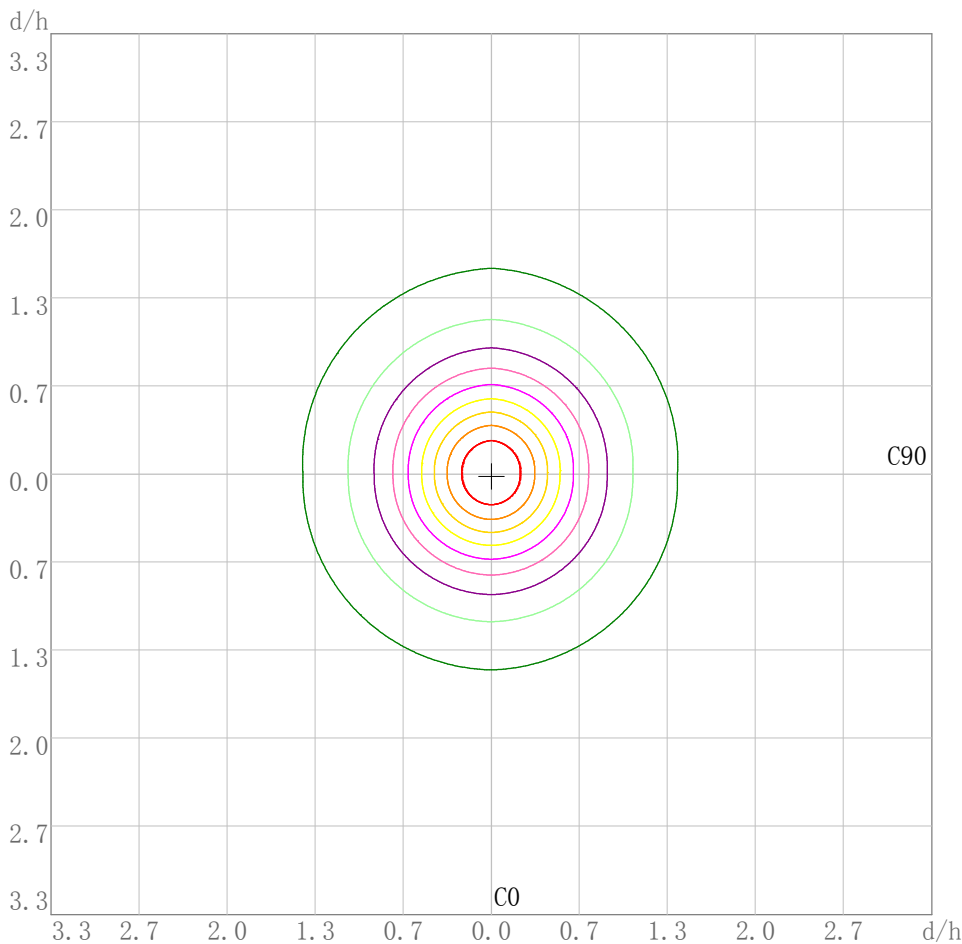
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Plane ISO-Illuminance Diagram

Lum. Name: LEDBATTEN40W6K	Lum. Catalog: LED BATTEN	Test ID:
Lamp Name: 6000K	Lamp Catalog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/05/27

Plane ISO-Illuminance Curve



- Curves:
unit:lx
- [EMax] =105.513
 - [EMax*90%]=94.962
 - [EMax*80%]=84.410
 - [EMax*70%]=73.859
 - [EMax*60%]=63.308
 - [EMax*50%]=52.757
 - [EMax*40%]=42.205
 - [EMax*30%]=31.654
 - [EMax*20%]=21.103
 - [EMax*10%]=10.551

Working Plane Luminaire Mounting Height(m): 3.00
 Working Plane Maximum Illuminance(lx): 105.51
 Working Plane Maximum Illuminance Position(d/h):H0.0 V0.0

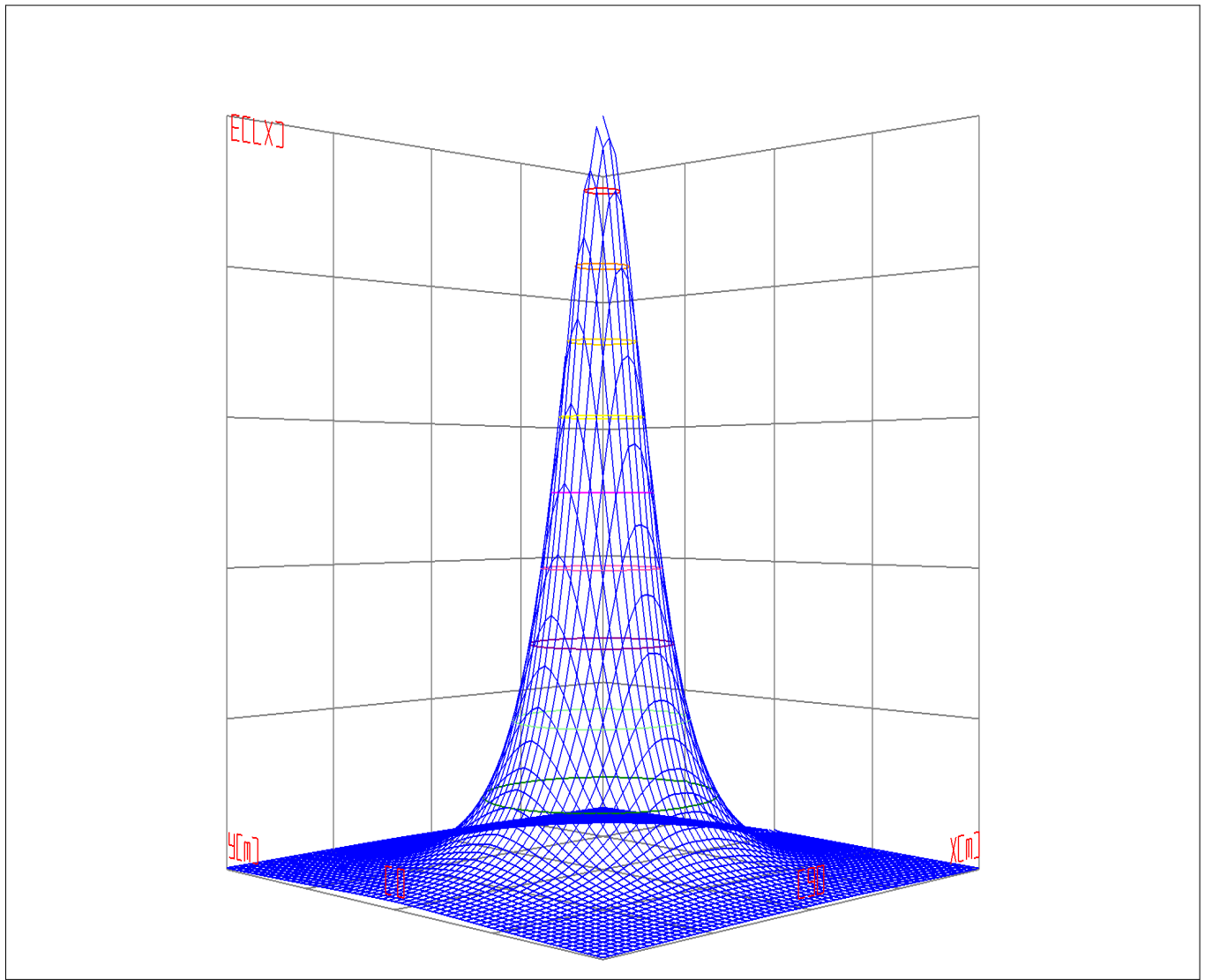
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3D Plane ISO Illuminance Diagram

Lum. Name: LEDBATTEN40W6K	Lum. Catalog: LED BATTEN	Test ID:
Lamp Name: 6000K	Lamp Catalog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/05/27

3D Plane Illuminance Modal



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

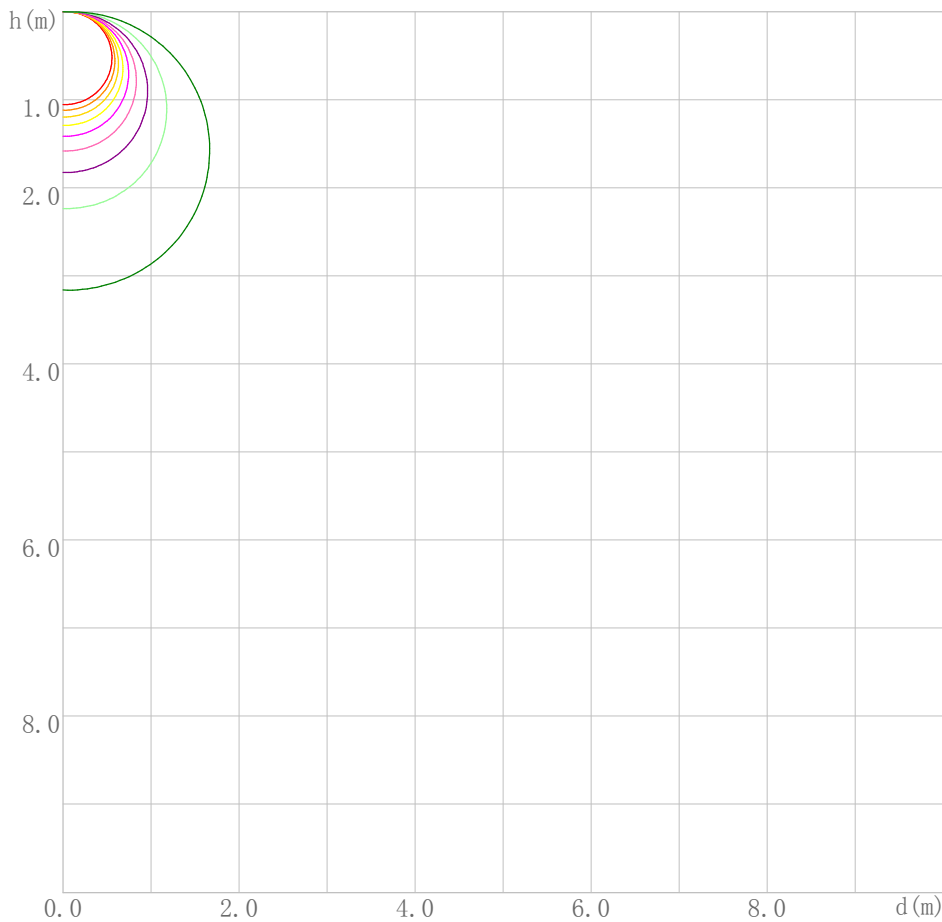
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Space ISO Illuminance Diagram

Lum. Name: LEDBATTEN40W6K	Lum. Catalog: LED BATTEN	Test ID:
Lamp Name: 6000K	Lamp Catalog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/05/27

Space ISO Illuminance Curve



Curves:

unit:lx

[EMax] =949.618

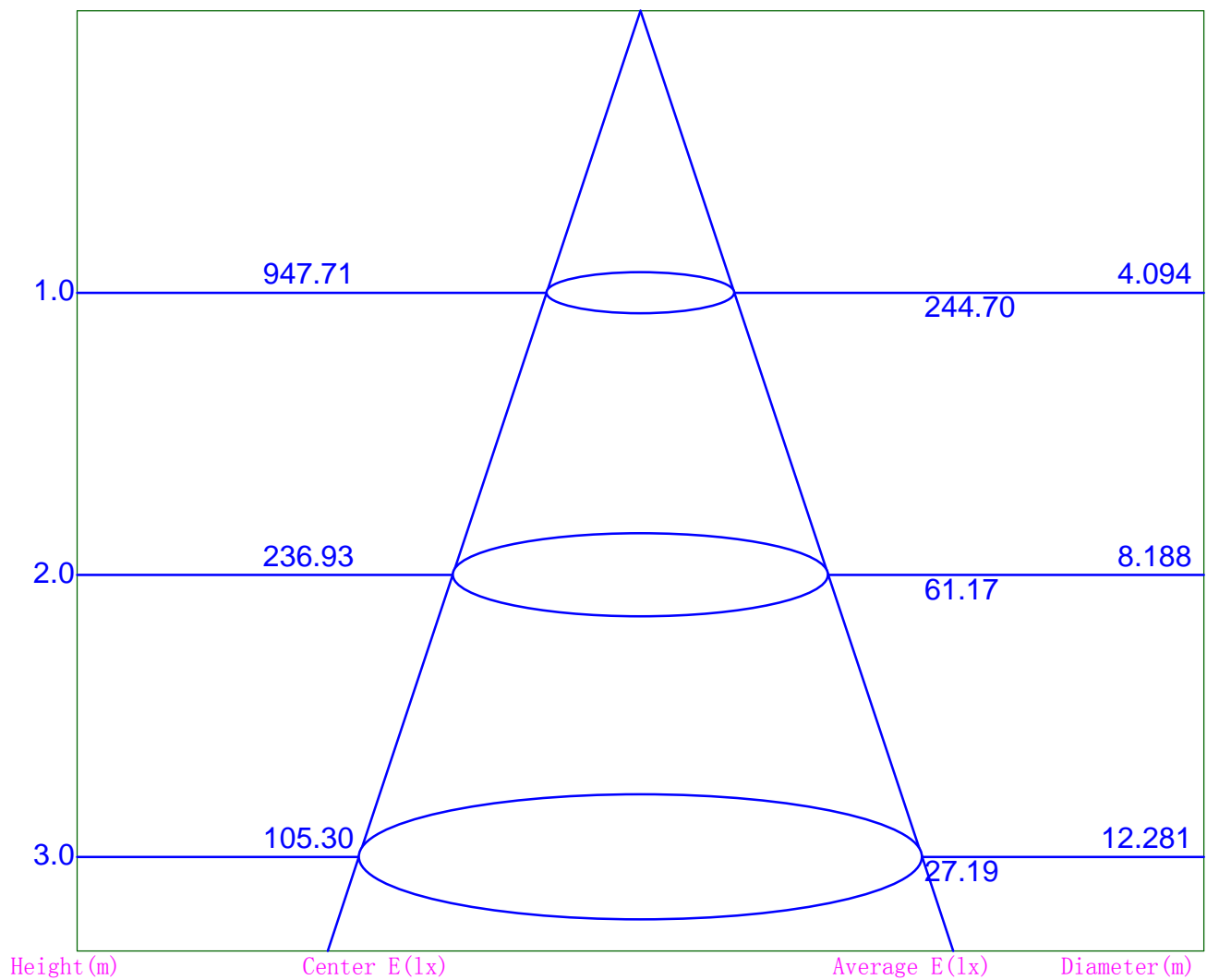
- [EMax*90%]=854.656
- [EMax*80%]=759.694
- [EMax*70%]=664.733
- [EMax*60%]=569.771
- [EMax*50%]=474.809
- [EMax*40%]=379.847
- [EMax*30%]=284.885
- [EMax*20%]=189.924
- [EMax*10%]=94.962

Space Plane Maximum Illuminance and @Angle:949.62,1.0deg
Plane Maximum Lighting Intensity and @Angle:950.527cd,0deg

Illuminance-Distance Diagram

Lum. Name: LEDBATTEN40W6K	Lum. Catalog: LED BATTEN	Test ID:
Lamp Name: 6000K	Lamp Catalog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/05/27

Illuminance-Distance Curve



Beam Angle:127.9

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Indoor Luminance Limiting Curves

Lum. Name: LEDBATTEN40W6K	Lum. Catalog: LED BATTEN	Test ID:
Lamp Name: 6000K	Lamp Catalog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/05/27

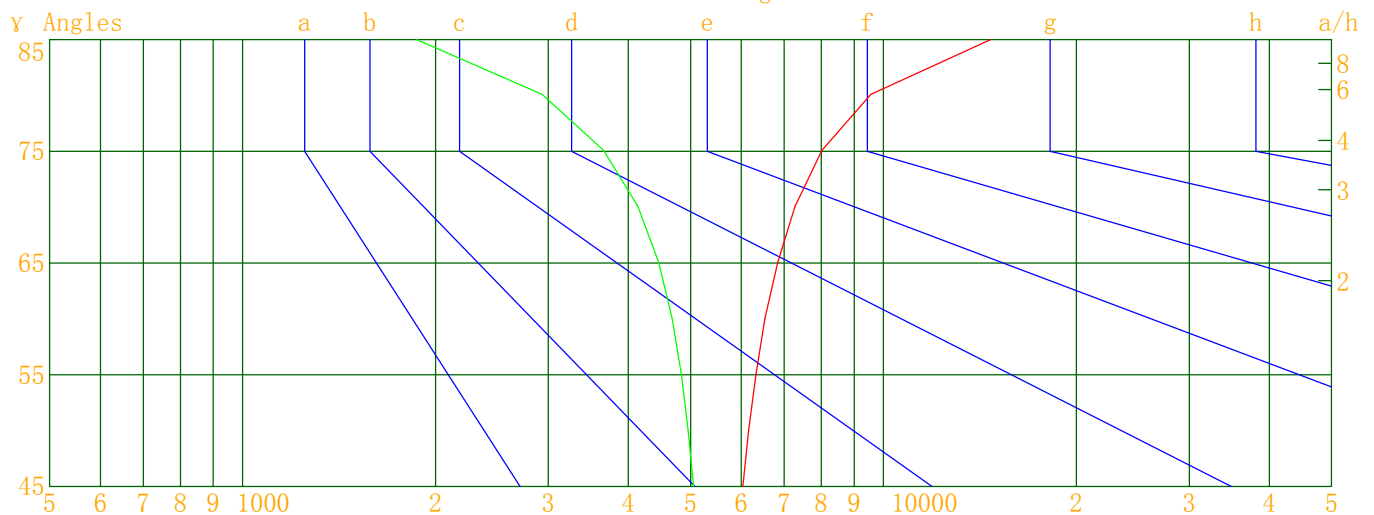
Glare Grade Table

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	6033	6161	6323	6534	6837	7274	8013	9561	14690
C90	5054	4959	4840	4679	4458	4138	3659	2934	1869

Luminance Limiting Curve



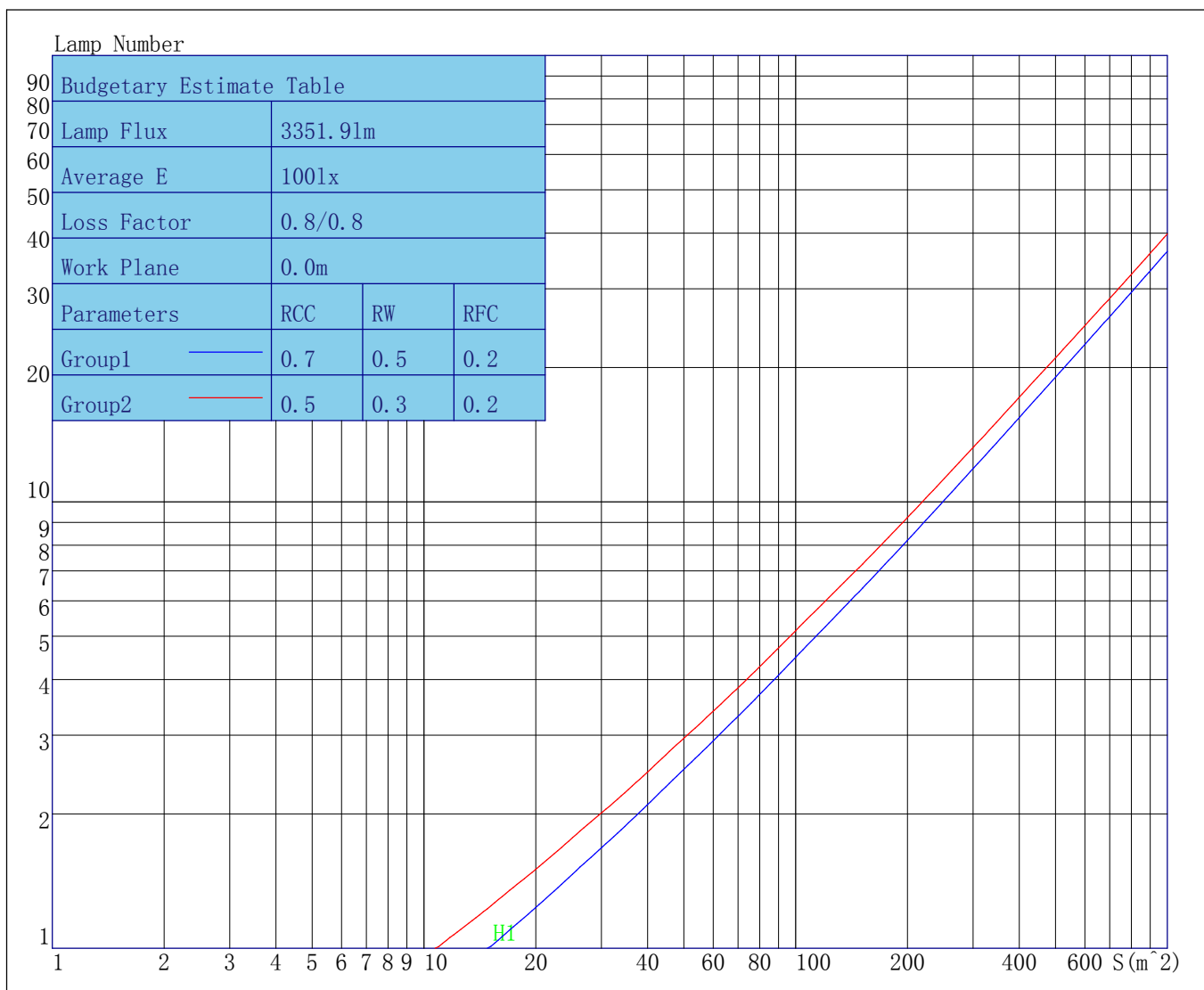
Luminous Size: Length(m)=1.200 Width(m)=0.080 Height(m)=0.065 Area(m²)=0.174000
 Luminous Type: Without Luminous Side
 Luminous Curves: C0-C180 Color: ——— C90-C270 Color: ———

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Indoor Budgetary Estimate Table

Lum. Name: LEDBATTEN40W6K	Lum. Catalog: LED BATTEN	Test ID:
Lamp Name: 6000K	Lamp Catalog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/05/27



Parameters1: Rhocc = 0.7 Rhow = 0.5 Rhofc = 0.2 LLF = 0.8
 Parameters2: Rhocc = 0.5 Rhow = 0.3 Rhofc = 0.2 LLF = 0.8
 Average Illuminance(lx): 100 Cavity Height: H1(m) = 2

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Indoor Coefficient of Utilization Table

Lum. Name: LEDBATTEN40W6K	Lum. Catalog: LED BATTEN	Test ID:
Lamp Name: 6000K	Lamp Catalog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/05/27

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	106	106	106	99	99	99	93	93	93	90
1	105	100	95	91	101	97	93	89	91	87	84	85	82	80	80	78	76	73
2	95	86	79	73	92	84	77	72	79	73	68	74	69	65	69	66	62	60
3	86	76	67	60	83	73	65	59	69	62	57	65	59	54	61	56	52	50
4	79	67	58	51	76	65	56	50	61	54	48	57	51	46	54	49	45	42
5	72	59	50	43	70	58	49	43	54	47	41	51	45	40	48	43	39	36
6	67	53	44	38	64	52	43	37	49	41	36	46	40	35	44	38	34	31
7	62	48	39	33	59	47	38	33	44	37	32	42	36	31	40	34	30	28
8	57	44	35	29	55	43	35	29	41	33	28	38	32	27	37	31	27	25
9	54	40	32	26	52	39	31	26	37	30	25	35	29	25	34	28	24	22
10	50	37	29	24	48	36	28	23	34	28	23	33	27	22	31	26	22	20

IES Indoor Report

Photometric Filename:LEDBATTEN40W6K-2017-05-27.IES

Unified Glare Rating Table

Lum. Name: LEDBATTEN40W6K	Lum. Catalog: LED BATTEN	Test ID:
Lamp Name: 6000K	Lamp Catalog: SMD2835	Test Lab:
Manufacture:	Test Machine:GON-2000	Test Date: 2017/05/27

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	18.4	21.8	19.6	23.0	24.2	16.8	20.2	17.9	21.3	22.5
Y=3H	24.5	27.9	25.7	29.1	30.2	21.2	24.6	22.4	25.8	27.0
Y=4H	28.3	31.3	29.5	32.5	33.7	23.8	26.7	25.0	27.9	29.1
Y=6H	31.7	34.6	32.9	35.8	37.0	25.2	28.1	26.4	29.3	30.5
Y=8H	33.4	36.3	34.6	37.5	38.7	25.6	28.5	26.8	29.7	30.9
Y=12H	35.3	38.1	36.5	39.3	40.5	25.8	28.7	27.1	29.9	31.1
X=4H Y=2H	19.8	22.7	21.0	23.9	25.2	19.2	22.1	20.4	23.3	24.5
Y=3H	26.1	29.1	27.3	30.3	31.5	23.9	26.9	25.1	28.1	29.3
Y=4H	28.4	30.3	29.9	31.8	33.2	25.0	26.9	26.5	28.3	29.8
Y=6H	32.4	34.1	33.9	35.6	37.0	27.1	28.8	28.6	30.2	31.7
Y=8H	34.5	36.1	36.0	37.6	39.1	27.8	29.4	29.3	30.9	32.4
Y=12H	35.9	37.3	37.6	38.9	40.4	27.4	28.8	29.0	30.4	31.9
X=8H Y=4H	28.8	30.4	30.3	31.9	33.4	26.1	27.7	27.6	29.2	30.6
Y=6H	32.2	33.4	33.9	35.0	36.5	27.8	28.9	29.4	30.5	32.1
Y=8H	34.1	35.1	35.9	36.7	38.4	28.4	29.4	30.2	31.0	32.7
Y=12H	36.9	37.8	38.7	39.5	41.1	29.4	30.2	31.1	31.9	33.5
X=12H Y=4H	27.9	29.3	29.6	30.9	32.4	25.4	26.7	27.0	28.3	29.9
Y=6H	31.8	32.7	33.5	34.4	36.0	27.7	28.6	29.4	30.3	31.9
Y=8H	34.3	35.1	36.0	36.8	38.4	29.0	29.8	30.7	31.5	33.2
Variations with the objerver position at spacings										
S=1.0H	2.1/-2.0					2.2/-0.4				
S=1.5H	-2.0/-20.1					-0.4/-16.7				
S=2.0H	-2.0/-20.1					-0.4/-16.7				

IES Indoor Report

Photometric Filename: LEDBAT TEN40W6K-2017-05-27.IES

Candela Tabulation

V/H	C0.0	C90.0	C180.0	C270.0
Y 0.0	947.71	947.71	947.71	947.71
Y 1.0	950.05	943.78	948.85	944.19
Y 2.0	950.35	943.01	948.05	943.95
Y 3.0	950.53	941.89	947.08	943.31
Y 4.0	950.48	940.38	945.80	942.33
Y 5.0	950.28	938.64	944.38	941.02
Y 6.0	949.98	936.59	942.77	939.41
Y 7.0	949.53	934.07	940.89	937.45
Y 8.0	948.80	931.35	938.63	935.06
Y 9.0	947.98	928.30	936.16	932.37
Y 10.0	946.92	924.84	933.55	929.42
Y 11.0	945.61	921.01	930.58	926.12
Y 12.0	943.98	916.94	927.35	922.41
Y 13.0	942.18	912.54	923.78	918.45
Y 14.0	940.18	907.74	919.97	914.22
Y 15.0	937.95	902.69	915.85	909.60
Y 16.0	935.22	897.32	911.48	904.64
Y 17.0	932.23	891.64	906.80	899.43
Y 18.0	928.94	885.68	901.95	893.86
Y 19.0	925.48	879.33	896.73	887.94
Y 20.0	921.85	872.73	891.24	881.77
Y 21.0	917.86	865.83	885.45	875.31
Y 22.0	913.47	858.72	879.40	868.56
Y 23.0	908.78	851.19	873.13	861.45
Y 24.0	903.83	843.38	866.58	854.07
Y 25.0	898.66	835.36	859.83	846.38
Y 26.0	893.34	827.02	852.74	838.44
Y 27.0	887.56	818.47	845.46	830.22
Y 28.0	881.58	809.57	837.86	821.73
Y 29.0	875.27	800.48	830.09	812.93
Y 30.0	868.65	791.11	822.16	803.87
Y 31.0	861.91	781.46	813.87	794.54
Y 32.0	855.04	771.62	805.27	784.98
Y 33.0	847.73	761.46	796.58	775.20
Y 34.0	840.11	751.10	787.70	765.23
Y 35.0	832.24	740.53	778.54	754.92
Y 36.0	824.15	729.65	769.19	744.25
Y 37.0	815.92	718.52	759.72	733.44
Y 38.0	807.71	707.16	749.94	722.49
Y 39.0	799.06	695.71	739.93	711.22
Y 40.0	790.02	683.99	729.69	699.72
Y 41.0	780.78	671.95	719.32	687.77
Y 42.0	771.41	659.72	708.82	676.05
Y 43.0	761.93	647.25	698.03	663.92
Y 44.0	752.24	634.62	687.02	651.52
Y 45.0	742.23	621.84	675.84	638.96
Y 46.0	731.96	608.78	664.50	626.15

IES Indoor Report

Photometric Filename: LEDBAT TEN40W6K-2017-05-27.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
Y 47.0	721.40	595.54	653.04	613.13
Y 48.0	710.70	582.14	641.37	599.93
Y 49.0	699.96	568.48	629.47	586.49
Y 50.0	689.04	554.64	617.40	572.88
Y 51.0	677.88	540.62	605.16	559.17
Y 52.0	666.42	526.53	592.73	545.19
Y 53.0	654.70	512.21	580.26	530.99
Y 54.0	642.87	497.75	567.55	516.59
Y 55.0	631.04	483.00	554.66	502.01
Y 56.0	619.03	468.11	541.59	487.38
Y 57.0	606.64	453.08	528.34	472.56
Y 58.0	594.06	437.91	514.96	457.53
Y 59.0	581.34	422.60	501.48	442.28
Y 60.0	568.43	407.06	487.97	426.85
Y 61.0	555.60	391.48	474.23	411.35
Y 62.0	542.79	375.74	460.39	395.72
Y 63.0	529.70	359.87	446.34	379.99
Y 64.0	516.39	343.89	432.23	364.12
Y 65.0	502.76	327.79	418.10	348.08
Y 66.0	488.96	311.58	403.89	331.90
Y 67.0	475.27	295.31	389.59	315.59
Y 68.0	461.42	278.99	375.20	299.25
Y 69.0	447.29	262.64	360.82	282.89
Y 70.0	432.90	246.26	346.36	266.49
Y 71.0	418.49	229.90	331.99	249.99
Y 72.0	404.04	213.47	317.68	233.45
Y 73.0	389.71	197.09	303.41	216.92
Y 74.0	375.36	180.88	289.23	200.52
Y 75.0	360.84	164.80	275.26	184.26
Y 76.0	346.19	148.98	261.53	168.09
Y 77.0	331.56	133.34	248.09	152.09
Y 78.0	317.15	118.01	235.11	136.30
Y 79.0	302.95	103.07	222.49	120.89
Y 80.0	288.89	88.66	210.43	105.76
Y 81.0	274.92	74.87	199.11	91.18
Y 82.0	261.21	61.81	188.74	77.20
Y 83.0	247.85	49.64	180.09	63.93
Y 84.0	234.96	38.40	171.82	51.52
Y 85.0	222.77	28.34	164.61	40.12
Y 86.0	211.21	19.67	158.57	29.98
Y 87.0	200.37	12.69	153.58	21.33
Y 88.0	190.88	7.63	150.86	14.36
Y 89.0	182.76	4.84	149.43	9.33
Y 90.0	175.16	3.86	147.99	6.84
Y 91.0	168.80	3.94	146.59	6.11
Y 92.0	163.47	3.98	145.16	5.95
Y 93.0	160.15	4.04	143.70	5.84

IES Indoor Report

Photometric Filename:LEDBATTEN40W6K-2017-05-27.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
Y 94.0	158.42	4.21	142.23	5.83
Y 95.0	156.72	4.33	140.79	5.81
Y 96.0	155.05	4.45	139.25	5.76
Y 97.0	153.35	4.59	137.68	5.80
Y 98.0	151.67	4.70	136.09	5.78
Y 99.0	149.88	4.80	134.46	5.77
Y 100.0	148.11	4.94	132.79	5.82
Y 101.0	146.30	4.99	131.04	5.80
Y 102.0	144.46	5.07	129.31	5.80
Y 103.0	142.60	5.23	127.49	5.92
Y 104.0	140.67	5.36	125.62	5.94
Y 105.0	138.67	5.45	123.69	5.93
Y 106.0	136.67	5.60	121.73	6.03
Y 107.0	134.61	5.74	119.70	6.09
Y 108.0	132.50	5.81	117.61	6.11
Y 109.0	130.29	5.98	115.32	6.18
Y 110.0	127.19	6.14	111.68	6.27
Y 111.0	123.93	6.25	108.76	6.32
Y 112.0	121.68	6.39	106.68	6.41
Y 113.0	119.75	6.55	104.86	6.49
Y 114.0	118.22	6.64	103.18	6.56
Y 115.0	116.73	6.84	101.65	6.65
Y 116.0	115.29	7.02	100.12	6.72
Y 117.0	113.62	7.16	98.39	6.80
Y 118.0	111.83	7.24	96.74	6.87
Y 119.0	110.05	7.43	95.14	7.00
Y 120.0	108.40	7.48	93.53	7.05
Y 121.0	106.76	7.60	91.86	7.09
Y 122.0	105.15	7.76	90.30	7.22
Y 123.0	103.55	7.89	88.77	7.35
Y 124.0	101.91	7.97	87.14	7.37
Y 125.0	100.22	8.10	85.71	7.47
Y 126.0	98.60	8.23	84.11	7.59
Y 127.0	96.90	8.31	82.54	7.66
Y 128.0	94.81	8.41	80.96	7.75
Y 129.0	91.80	8.53	79.38	7.86
Y 130.0	88.15	8.60	77.90	7.94
Y 131.0	85.00	8.72	76.39	8.02
Y 132.0	83.42	8.81	74.71	8.15
Y 133.0	81.80	8.89	73.53	8.23
Y 134.0	80.55	8.99	71.96	8.32
Y 135.0	79.35	9.12	70.35	8.44
Y 136.0	78.65	9.16	68.86	8.53
Y 137.0	78.26	9.23	67.33	8.59
Y 138.0	77.32	9.36	65.80	8.74
Y 139.0	75.85	9.47	64.21	8.84
Y 140.0	74.40	9.49	62.65	8.94

IES Indoor Report

Photometric Filename:LEDBATTEN40W6K-2017-05-27.IES

Candela Tabulation - (Cont.)

V/H	C0.0	C90.0	C180.0	C270.0
Y 141.0	73.01	9.61	61.06	9.00
Y 142.0	71.53	9.73	59.51	9.15
Y 143.0	69.98	9.80	58.04	9.18
Y 144.0	68.32	9.83	56.50	9.30
Y 145.0	66.70	9.90	54.90	9.39
Y 146.0	65.03	10.03	53.33	9.45
Y 147.0	63.42	10.12	51.82	9.53
Y 148.0	61.76	10.17	50.25	9.67
Y 149.0	60.03	10.30	48.65	9.75
Y 150.0	58.26	10.36	47.08	9.85
Y 151.0	56.38	10.47	45.45	9.99
Y 152.0	54.35	10.58	43.77	10.08
Y 153.0	52.45	10.67	42.20	10.16
Y 154.0	50.81	10.76	40.71	10.31
Y 155.0	49.16	10.85	39.30	10.46
Y 156.0	47.60	10.98	37.79	10.52
Y 157.0	46.06	11.02	36.24	10.60
Y 158.0	44.43	11.13	34.77	10.77
Y 159.0	42.64	11.26	33.27	10.88
Y 160.0	40.97	11.32	31.81	10.96
Y 161.0	39.29	11.37	30.36	11.11
Y 162.0	37.67	11.48	29.00	11.19
Y 163.0	36.14	11.61	27.54	11.29
Y 164.0	34.66	11.65	26.19	11.43
Y 165.0	33.07	11.71	24.82	11.55
Y 166.0	31.12	11.85	23.55	11.70
Y 167.0	29.49	11.92	22.27	11.71
Y 168.0	28.52	11.96	21.03	11.79
Y 169.0	27.03	12.04	19.63	11.85
Y 170.0	25.70	12.13	18.07	11.94
Y 171.0	24.32	12.18	16.57	11.99
Y 172.0	22.93	12.22	15.10	12.05
Y 173.0	21.60	12.24	13.80	12.16
Y 174.0	20.37	12.33	12.55	12.21
Y 175.0	19.07	12.35	11.42	12.28
Y 176.0	17.85	12.38	10.48	12.36
Y 177.0	16.50	12.43	10.02	12.45
Y 178.0	15.17	12.45	10.07	12.46
Y 179.0	13.81	12.46	10.58	12.55
Y 180.0	12.24	12.24	12.24	12.24
