

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity		378.3 cd per klm.
(Luminaire orientation as tested.)		0.0 degrees vertical
		0.0 degrees horizontal

Beam Spread	At 10% of Imax	134.4V x 147.0H
	At 50% of Imax	106.8V x 114.9H
	At 90% of Imax	53.9V x 53.7H

Beam Flux	Total	1000.0 lumens per klm.
	To 10% of Imax	980.1 lumens per klm.
	To 50% of Imax	808.2 lumens per klm.
	To 90% of Imax	245.0 lumens per klm.

Upward LOR	0.6 %
Downward LOR	99.4 %

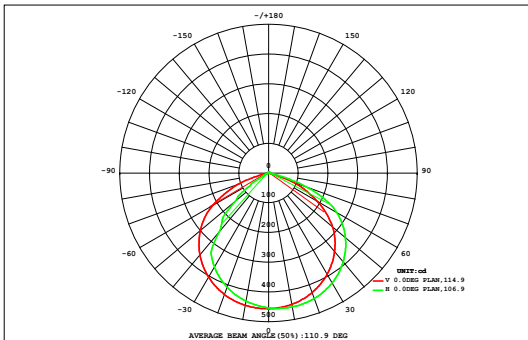
Luminaire Efficiency (Light Output Ratio)	100.0 %
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C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 18 December 2017

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.402
 Humidity: 65.0%
 Test Distance: 7.680m [K=1.0000]
 Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.16V I:0.0484A P:11.051W PF:0.9926 Freq:50.01Hz Lamp Flux:1210.82x1 lm		
NAME: BLP-FL10WAC	TYPE:	WEIGHT:0.476Kg
SPEC.:	DIM.: 0.103*0.122*0.032	SERIAL No.:
MFR.: Shenzhen Brillloop Lighting	SUR.:0.07X0.055	Shielding Angle:



DATA OF LAMP		Eff:109.57lm/W	
MODEL		Imax (cd)	458.1
NOMINAL POWER (W)	10	AVAILABILITY (%)	98.0
RATED VOLTAGE (V)	230	Avai. FLUX (lm)	1186
NOMINAL FLUX (lm)	1210.82	LOR (%)	100.0
LAMPS INSIDE	1	TOTAL FLUX (lm)	1211
TEST VOLTAGE (V)	230	θ @50% (H,V)	115,107DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM															UNIT:lm		Φ t	Φ a	
	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.00	0.00	0.00	0.20	0.00
90	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.00	0.00	0.00	0.20	0.00	
80	0.00	0.00	0.01	0.03	0.06	0.09	0.12	0.15	0.16	0.17	0.16	0.14	0.11	0.08	0.04	0.02	0.01	0.00	1.36	0.00
70	0.00	0.01	0.04	0.13	0.24	0.35	0.45	0.47	0.52	0.55	0.53	0.55	0.49	0.34	0.22	0.06	0.01	0.00	4.94	0.00
60	0.00	0.02	0.13	0.59	1.10	1.70	2.24	2.63	2.91	2.98	2.84	2.60	2.12	1.50	0.87	0.25	0.03	0.00	24.5	22.0
50	0.00	0.03	0.43	1.49	2.76	4.03	5.16	5.90	6.40	6.48	6.12	5.51	4.44	3.24	1.90	0.68	0.06	0.00	54.6	54.1
40	0.00	0.07	0.86	2.51	4.34	6.23	7.97	9.16	9.90	9.96	9.35	8.22	6.65	4.76	2.96	1.15	0.13	0.00	84.2	83.9
30	0.00	0.13	1.25	3.27	5.56	7.76	9.61	11.0	11.7	11.7	11.1	9.79	8.01	5.90	3.70	1.56	0.23	0.01	102	102
	0.00	0.19	1.56	3.77	6.26	8.58	10.6	12.0	12.8	12.8	12.1	10.7	8.82	6.57	4.19	1.87	0.32	0.01	113	113
	0.00	0.24	1.75	4.07	6.67	9.10	11.2	12.7	13.5	13.5	12.8	11.4	9.37	7.00	4.50	2.06	0.38	0.01	120	120
	0.00	0.25	1.81	4.18	6.82	9.28	11.4	12.9	13.7	13.8	13.1	11.7	9.61	7.18	4.62	2.14	0.40	0.01	123	123
	0.00	0.23	1.75	4.09	6.72	9.16	11.3	12.8	13.7	13.7	13.0	11.6	9.53	7.11	4.56	2.10	0.38	0.01	122	121
-30	0.00	0.18	1.58	3.80	6.37	8.77	10.8	12.4	13.2	13.3	12.6	11.2	9.15	6.80	4.32	1.93	0.31	0.01	117	116
-40	0.00	0.11	1.28	3.32	5.76	8.08	10.1	11.5	12.3	12.4	11.7	10.4	8.46	6.23	3.88	1.64	0.22	0.00	107	107
-50	0.00	0.05	0.84	2.67	4.87	7.04	8.86	10.2	11.0	11.0	10.4	9.16	7.43	5.39	3.19	1.22	0.12	0.00	93.5	93.1
-60	0.00	0.03	0.36	1.77	3.66	5.57	7.21	8.42	9.08	9.15	8.62	7.53	6.02	4.22	2.29	0.66	0.05	0.00	74.6	74.2
-70	0.00	0.01	0.09	0.67	2.00	3.40	4.68	5.66	6.16	6.23	5.88	5.06	3.91	2.56	1.07	0.19	0.02	0.00	47.6	46.8
-80	0.00	0.01	0.03	0.10	0.38	0.81	1.27	1.62	1.76	1.81	1.74	1.47	1.09	0.61	0.18	0.04	0.01	0.00	12.9	9.41
-90	0.00	0.00	0.00	0.01	0.03	0.05	0.07	0.10	0.11	0.11	0.11	0.09	0.07	0.04	0.02	0.01	0.00	0.00	0.83	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90			
Φ t	0.04	1.57	13.8	36.5	63.6	90.0	113	130	139	140	132	117	95.3	69.5	42.5	17.6	2.69	0.06	1203	---
Φ a	0.00	0.60	12.7	35.5	62.6	88.9	112	128	138	138	131	116	94.2	68.6	41.6	16.7	1.58	0.00	---	1186

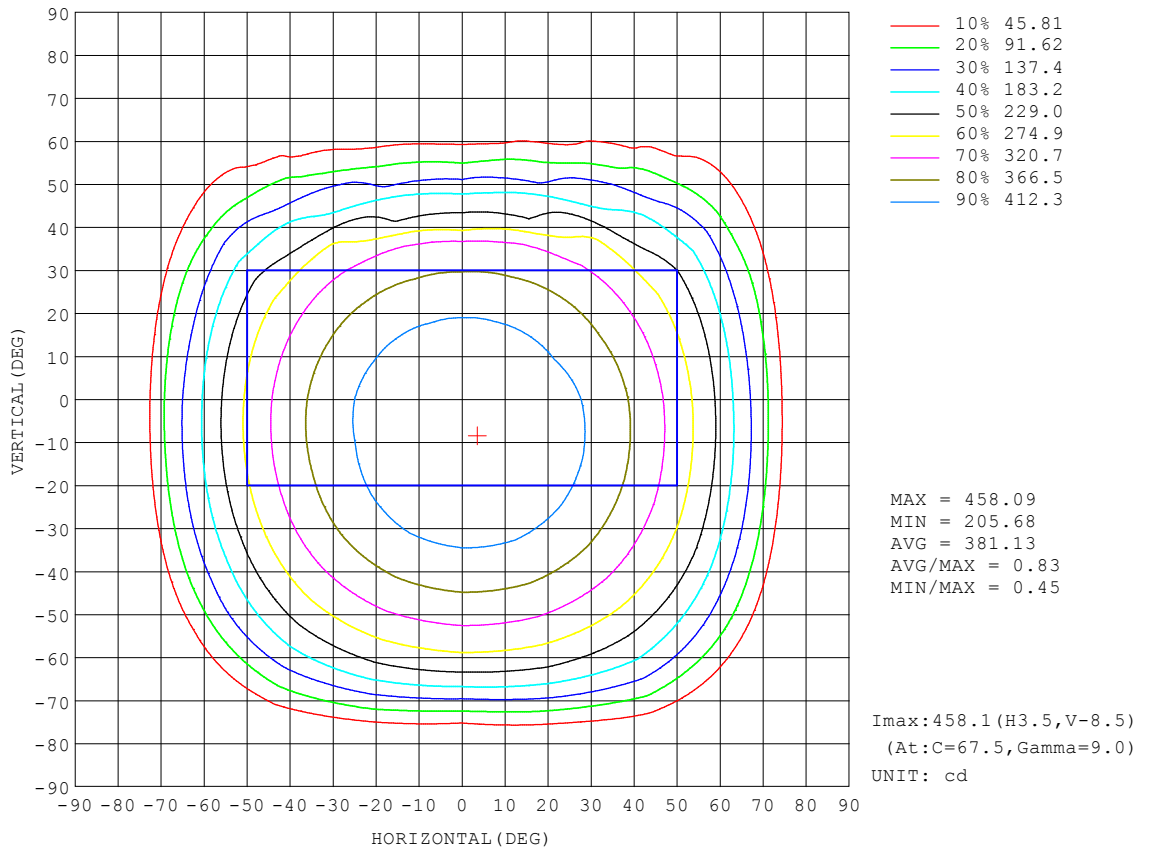
one-half-peak spread: U:54.6,D:43.9 , L:56.2,R:56.1 NEMA Beam Type: Type 7

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:18 December 2017

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.402
 Humidity:65.0%
 Test Distance:7.680m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

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SPEC.:	DIM.: 0.103*0.122*0.032	SERIAL No.:
MFR.: Shenzhen Brillloop Lighting	SUR.:0.07X0.055	Shielding Angle:

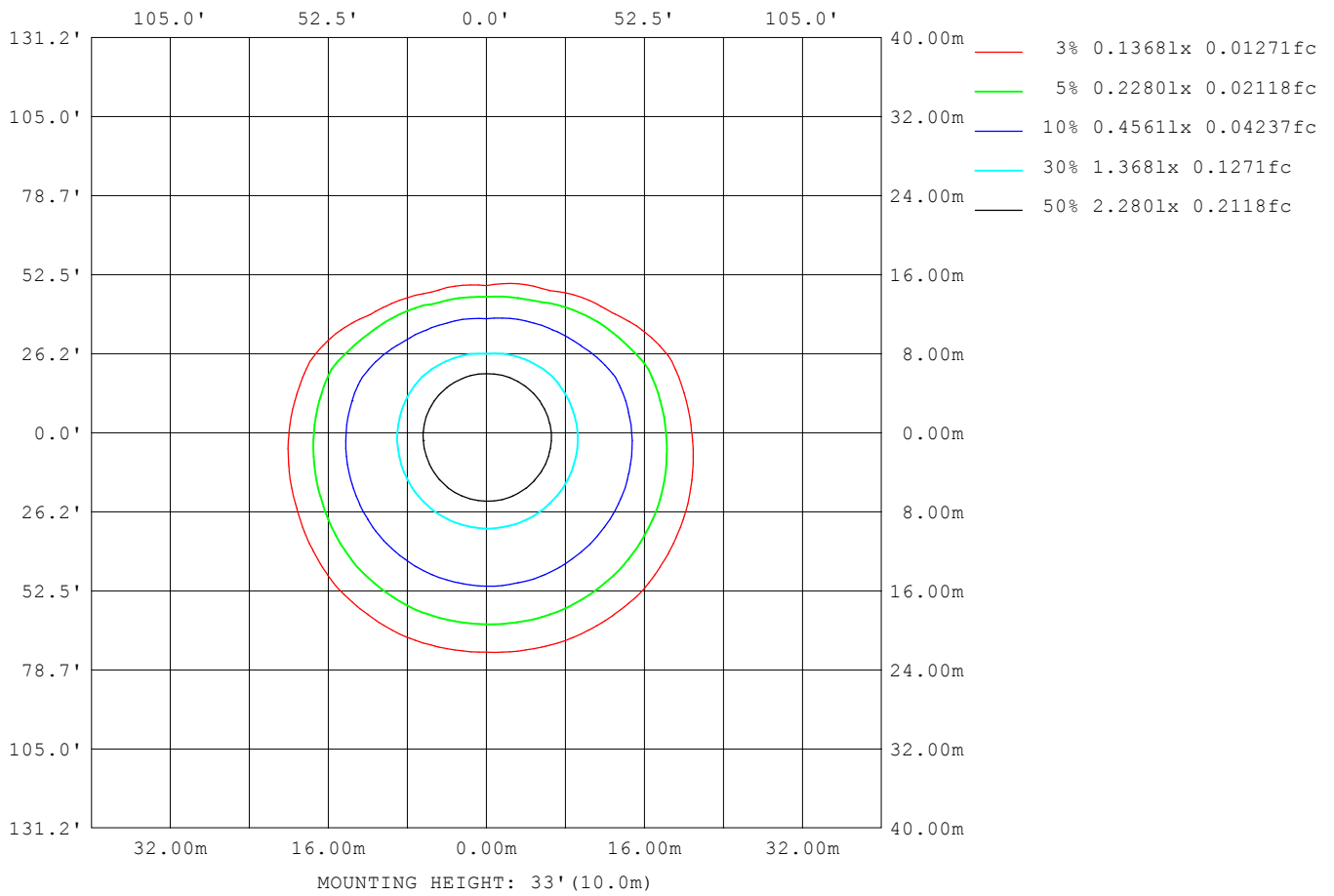


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ISOLUX DIAGRAM

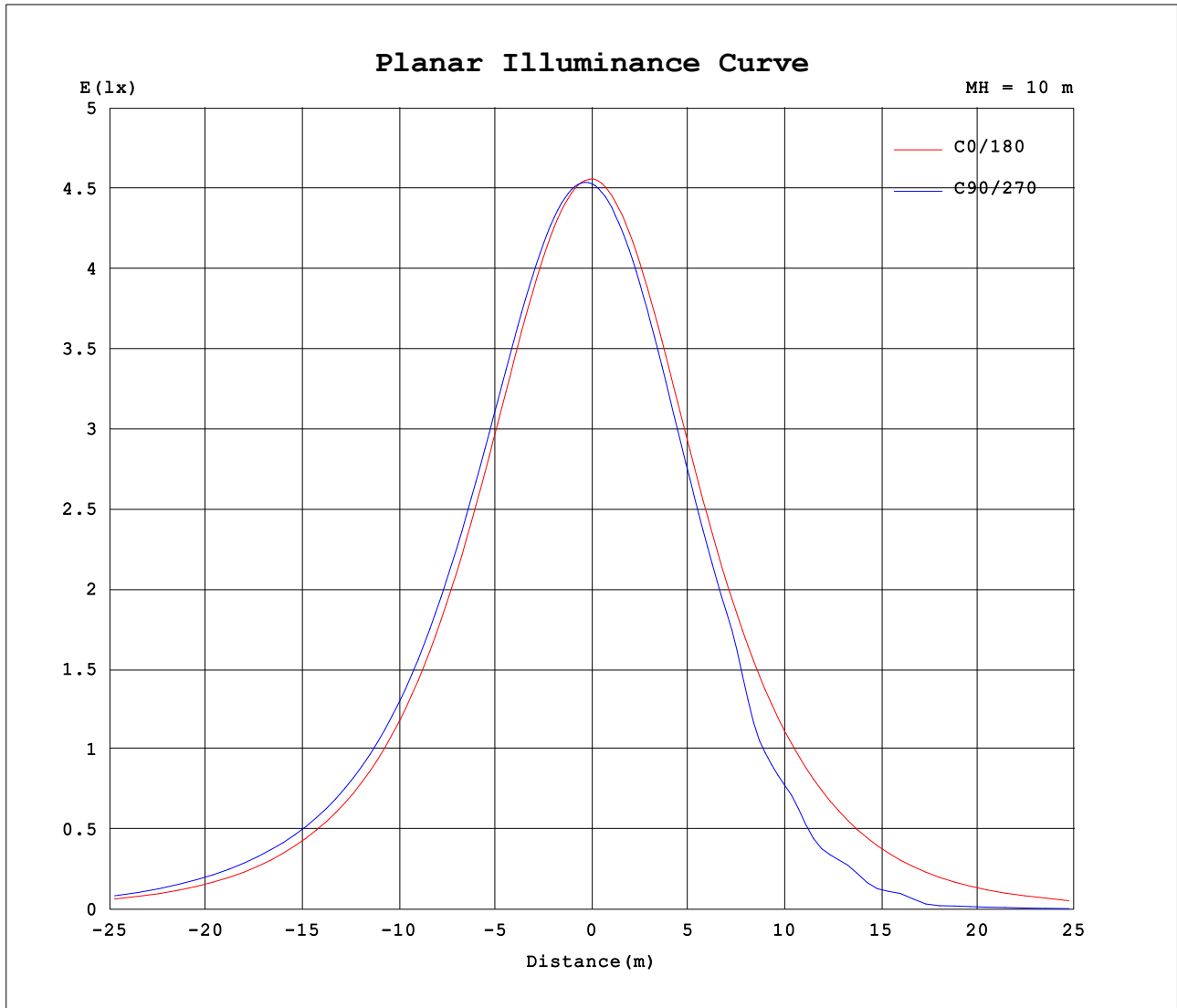
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 Remarks:

Planar Illuminance Curve

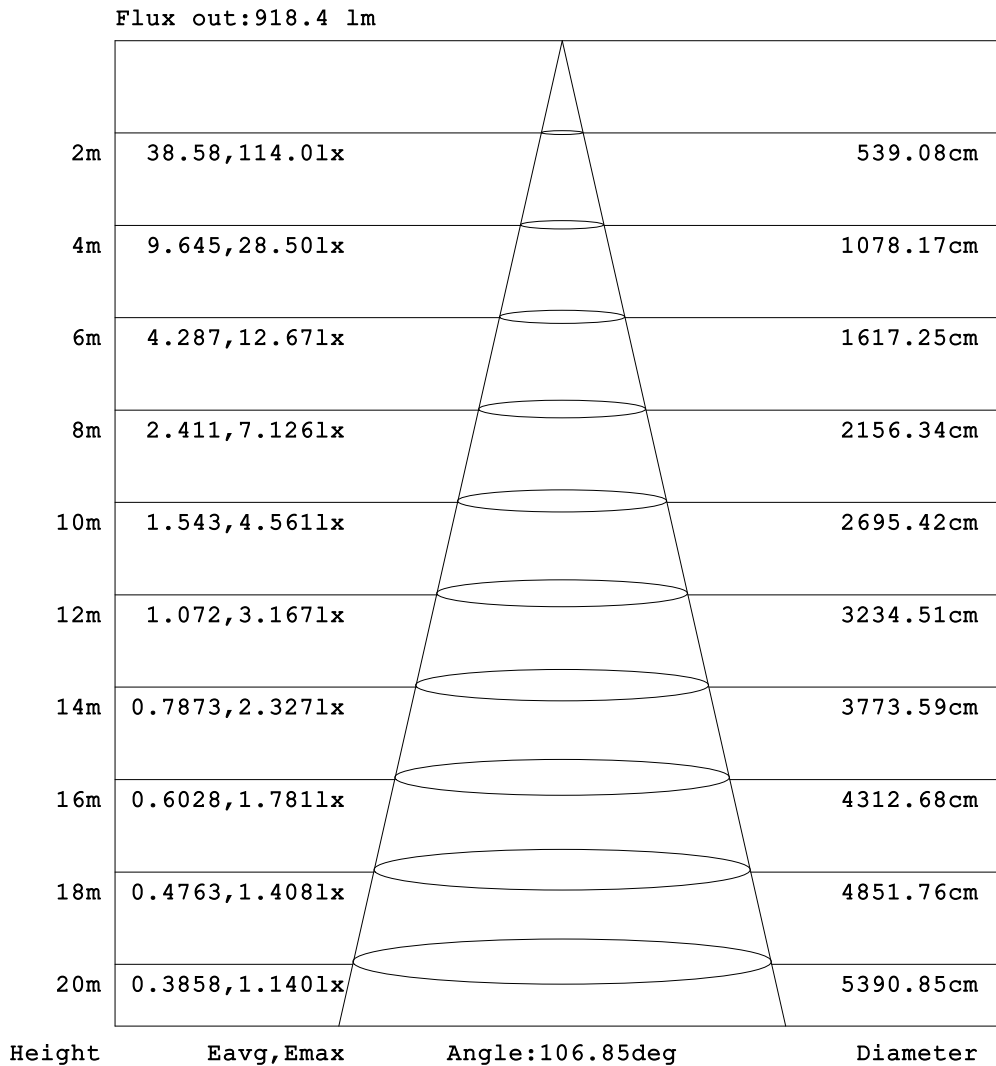


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AAI Figure

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SPEC.:	DIM.: 0.103*0.122*0.032	SERIAL No.:
MFR.: Shenzhen Brillloop Lighting	SUR.:0.07X0.055	Shielding Angle:



Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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 Operators:DAMIN
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γ Range: 0 - 180DEG
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LUMINOUS DISTRIBUTION INTENSITY DATA

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MFR.: Shenzhen Brillloop Lighting	SUR.:0.07X0.055	Shielding Angle:

Table--1

UNIT: cd

H (DEG) V (DEG)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-180	0.16	0.25	0.38	0.56	0.79	1.01	1.22	1.44	1.64	1.85	2.04	2.18	2.29	2.39	2.48	2.56	2.61	2.62	2.67
-170	0.16	0.25	0.37	0.54	0.75	0.95	1.15	1.35	1.54	1.73	1.90	2.03	2.13	2.22	2.29	2.35	2.39	2.43	2.45
-160	0.16	0.24	0.35	0.50	0.68	0.87	1.05	1.23	1.39	1.56	1.70	1.83	1.93	2.01	2.09	2.15	2.19	2.22	2.23
-150	0.16	0.23	0.33	0.45	0.60	0.76	0.92	1.06	1.21	1.33	1.45	1.56	1.65	1.72	1.78	1.83	1.86	1.89	1.89
-140	0.16	0.22	0.30	0.39	0.50	0.63	0.76	0.88	0.98	1.08	1.16	1.23	1.31	1.37	1.42	1.44	1.48	1.50	1.49
-130	0.16	0.21	0.27	0.33	0.41	0.50	0.58	0.66	0.73	0.79	0.85	0.90	0.95	0.98	1.01	1.03	1.05	1.05	1.04
-120	0.16	0.19	0.23	0.28	0.32	0.37	0.41	0.45	0.49	0.52	0.55	0.57	0.59	0.60	0.59	0.61	0.62	0.61	0.60
-110	0.16	0.18	0.20	0.22	0.25	0.27	0.27	0.28	0.29	0.30	0.30	0.30	0.30	0.29	0.28	0.29	0.29	0.28	0.27
-100	0.16	0.16	0.17	0.17	0.18	0.18	0.17	0.16	0.15	0.13	0.14	0.14	0.13	0.12	0.11	0.11	0.10	0.10	0.09
-90	0.16	0.15	0.15	0.14	0.13	0.12	0.12	0.11	0.10	0.09	0.09	0.10	0.10	0.10	0.11	0.12	0.13	0.14	0.15
-80	0.16	0.15	0.18	0.28	0.47	0.78	1.22	1.82	2.55	3.40	4.50	5.64	6.97	8.28	9.33	10.0	10.5	10.9	11.0
-70	0.16	0.17	0.40	0.93	1.85	3.22	5.90	12.9	27.2	46.8	66.5	81.2	97.3	106	119	126	129	130	129
-60	0.16	0.24	0.81	2.10	4.32	9.44	32.4	67.8	103	136	163	185	206	225	240	249	257	262	265
-50	0.16	0.33	1.37	3.65	10.2	41.0	86.5	131	166	200	231	257	277	295	310	321	329	334	337
-40	0.16	0.44	1.98	6.09	29.4	81.1	131	171	213	249	280	306	327	346	361	373	381	387	390
-30	0.16	0.54	2.54	9.21	52.2	113	159	205	247	284	315	340	363	382	397	410	419	424	427
-20	0.16	0.63	2.98	14.0	69.8	131	178	227	270	306	336	362	384	403	419	431	440	446	449
-10	0.16	0.67	3.21	18.4	79.4	138	188	238	281	316	346	372	394	412	427	439	448	454	457
0	0.16	0.68	3.19	18.5	80.1	138	188	237	281	316	345	371	393	412	428	440	448	454	456
10	0.16	0.65	3.04	15.8	71.6	127	177	226	268	303	332	357	378	396	411	423	431	436	437
20	0.16	0.60	2.69	10.4	54.8	108	157	202	244	278	306	330	351	369	383	394	402	407	409
30	0.16	0.50	2.19	6.72	34.5	83.5	122	169	206	233	259	291	310	326	340	350	358	363	365
40	0.16	0.40	1.63	4.36	14.7	45.3	82.8	113	145	167	191	199	227	249	246	245	260	265	260
50	0.16	0.30	1.08	2.61	5.59	15.7	35.4	58.1	71.7	87.9	101	108	131	140	136	138	146	148	143
60	0.16	0.22	0.62	1.44	2.62	4.40	7.46	15.1	21.3	23.0	19.6	34.5	33.2	31.3	22.8	31.5	36.7	34.8	28.0
70	0.16	0.17	0.32	0.61	1.07	1.67	2.43	3.30	4.28	5.08	5.82	6.59	7.36	7.99	8.27	8.74	9.09	9.29	9.36
80	0.16	0.16	0.18	0.23	0.30	0.39	0.52	0.69	0.86	1.04	1.24	1.42	1.60	1.74	1.89	2.03	2.13	2.20	2.24
90	0.16	0.17	0.18	0.18	0.19	0.20	0.20	0.21	0.21	0.22	0.21	0.21	0.20	0.19	0.19	0.19	0.19	0.20	0.20
100	0.16	0.18	0.20	0.23	0.25	0.28	0.32	0.34	0.37	0.40	0.42	0.45	0.47	0.49	0.49	0.50	0.50	0.50	0.49
110	0.16	0.19	0.24	0.29	0.34	0.40	0.47	0.54	0.61	0.68	0.75	0.81	0.85	0.90	0.94	0.96	0.97	0.98	0.98
120	0.16	0.21	0.27	0.35	0.43	0.54	0.66	0.77	0.89	0.99	1.09	1.17	1.24	1.30	1.36	1.39	1.41	1.42	1.43
130	0.16	0.23	0.31	0.41	0.54	0.69	0.84	0.99	1.13	1.25	1.38	1.48	1.59	1.68	1.75	1.81	1.84	1.86	1.87
140	0.16	0.23	0.33	0.47	0.63	0.82	1.00	1.17	1.33	1.49	1.65	1.80	1.93	2.03	2.11	2.17	2.21	2.23	2.24
150	0.16	0.24	0.36	0.51	0.71	0.91	1.11	1.31	1.49	1.68	1.85	2.02	2.15	2.25	2.32	2.38	2.42	2.44	2.45
160	0.16	0.25	0.37	0.55	0.76	0.98	1.19	1.39	1.60	1.80	1.99	2.14	2.27	2.37	2.44	2.51	2.55	2.58	2.59
170	0.16	0.25	0.38	0.57	0.79	1.01	1.23	1.44	1.65	1.86	2.04	2.19	2.31	2.41	2.50	2.57	2.64	2.64	2.64
180	0.16	0.25	0.38	0.56	0.79	1.01	1.22	1.44	1.64	1.85	2.04	2.18	2.29	2.39	2.48	2.56	2.61	2.62	2.66

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MFR.: Shenzhen Brillloop Lighting	SUR.:0.07X0.055	Shielding Angle:

Table--2

UNIT: cd

H (DEG) \ V (DEG)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-180	2.60	2.54	2.47	2.40	2.31	2.21	2.09	1.94	1.77	1.57	1.36	1.14	0.93	0.71	0.52	0.35	0.23	0.19
-170	2.44	2.41	2.36	2.29	2.20	2.10	1.98	1.84	1.67	1.48	1.28	1.08	0.88	0.68	0.50	0.34	0.23	0.19
-160	2.22	2.19	2.15	2.08	2.00	1.91	1.80	1.67	1.51	1.34	1.17	0.99	0.80	0.62	0.46	0.32	0.22	0.19
-150	1.89	1.87	1.83	1.78	1.72	1.64	1.53	1.42	1.29	1.16	1.01	0.85	0.70	0.55	0.41	0.30	0.21	0.19
-140	1.49	1.47	1.44	1.41	1.36	1.29	1.22	1.13	1.04	0.93	0.82	0.69	0.58	0.46	0.36	0.28	0.19	0.19
-130	1.05	1.04	1.02	0.99	0.96	0.92	0.87	0.81	0.75	0.68	0.60	0.53	0.45	0.37	0.30	0.24	0.18	0.19
-120	0.61	0.60	0.59	0.57	0.57	0.56	0.54	0.51	0.48	0.45	0.42	0.37	0.33	0.30	0.25	0.21	0.18	0.19
-110	0.28	0.28	0.28	0.28	0.29	0.29	0.29	0.29	0.27	0.27	0.26	0.26	0.24	0.22	0.20	0.18	0.17	0.19
-100	0.10	0.10	0.11	0.11	0.12	0.13	0.13	0.13	0.13	0.15	0.16	0.16	0.16	0.16	0.15	0.16	0.16	0.19
-90	0.15	0.16	0.16	0.17	0.18	0.19	0.20	0.21	0.22	0.21	0.21	0.21	0.20	0.20	0.20	0.20	0.20	0.19
-80	11.2	11.1	10.9	10.6	10.3	9.39	7.84	6.50	5.42	4.14	3.09	2.26	1.59	1.08	0.69	0.43	0.27	0.19
-70	133	134	133	128	117	112	99.4	87.7	70.3	46.4	24.2	10.6	5.43	3.13	1.79	0.89	0.39	0.19
-60	264	261	256	249	237	222	206	189	163	133	97.8	59.5	25.1	7.54	3.44	1.55	0.54	0.19
-50	336	333	328	319	306	291	273	252	226	195	158	119	70.6	26.2	6.21	2.35	0.72	0.19
-40	389	386	380	370	357	341	321	298	272	242	205	159	112	55.0	12.4	3.18	0.91	0.19
-30	426	423	416	406	393	376	356	332	305	274	237	190	138	81.5	22.4	4.03	1.09	0.19
-20	448	445	438	428	415	398	377	353	325	293	256	209	154	98.9	32.5	4.82	1.21	0.19
-10	457	454	447	437	424	407	386	362	333	301	264	218	162	108	38.3	5.27	1.27	0.19
0	455	452	445	435	421	404	384	360	331	300	263	217	160	109	38.2	5.24	1.27	0.19
10	436	432	425	414	402	386	367	344	317	286	251	205	150	98.8	33.6	4.90	1.23	0.19
20	408	404	397	387	375	359	340	317	292	263	228	183	130	81.9	24.6	4.18	1.14	0.19
30	364	360	354	346	334	319	301	276	249	229	193	151	102	57.5	13.9	3.32	0.99	0.19
40	269	268	256	253	258	249	217	204	193	166	144	104	72.1	30.1	7.03	2.54	0.81	0.19
50	152	154	147	141	147	148	136	116	113	93.5	74.9	60.4	29.9	10.3	3.95	1.81	0.63	0.19
60	36.5	43.2	46.3	34.2	38.6	46.0	41.3	39.5	29.6	33.2	26.9	15.9	6.86	3.86	2.24	1.14	0.47	0.19
70	9.43	9.36	9.16	8.83	8.94	8.87	8.13	6.88	6.60	5.91	4.59	3.37	2.44	1.72	1.10	0.64	0.34	0.19
80	2.28	2.29	2.26	2.19	2.09	2.00	1.86	1.69	1.49	1.31	1.10	0.89	0.71	0.55	0.42	0.32	0.24	0.19
90	0.20	0.19	0.19	0.19	0.19	0.19	0.19	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.19	0.19	0.19
100	0.49	0.49	0.48	0.47	0.45	0.42	0.39	0.37	0.35	0.31	0.28	0.26	0.22	0.19	0.18	0.18	0.17	0.19
110	0.97	0.95	0.92	0.89	0.84	0.79	0.73	0.67	0.60	0.53	0.46	0.38	0.32	0.27	0.24	0.19	0.18	0.19
120	1.41	1.39	1.36	1.31	1.25	1.17	1.09	1.00	0.89	0.78	0.67	0.55	0.45	0.36	0.29	0.24	0.18	0.19
130	1.85	1.82	1.77	1.70	1.60	1.51	1.40	1.28	1.15	1.01	0.87	0.72	0.58	0.46	0.35	0.26	0.19	0.19
140	2.21	2.18	2.12	2.04	1.94	1.83	1.68	1.52	1.37	1.20	1.04	0.87	0.71	0.55	0.41	0.29	0.20	0.19
150	2.43	2.39	2.33	2.25	2.16	2.04	1.90	1.73	1.54	1.36	1.17	1.00	0.81	0.62	0.46	0.32	0.21	0.19
160	2.56	2.52	2.46	2.38	2.28	2.16	2.02	1.86	1.68	1.49	1.28	1.09	0.88	0.68	0.50	0.33	0.22	0.19
170	2.62	2.59	2.51	2.43	2.33	2.22	2.08	1.93	1.76	1.55	1.34	1.13	0.93	0.71	0.51	0.35	0.23	0.19
180	2.60	2.54	2.47	2.40	2.31	2.21	2.09	1.94	1.77	1.57	1.36	1.14	0.93	0.71	0.52	0.35	0.23	0.19

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:18 December 2017

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.402
 Humidity:65.0%
 Test Distance:7.680m [K=1.0000]
 Remarks: