

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity		362.0 cd per klm.
(Luminaire orientation as tested.)		0.0 degrees vertical
		0.0 degrees horizontal

Beam Spread	At 10% of I _{max}	143.2V x 147.9H
	At 50% of I _{max}	114.0V x 115.8H
	At 90% of I _{max}	52.9V x 53.8H

Beam Flux	Total	1000.0 lumens per klm.
	To 10% of I _{max}	982.7 lumens per klm.
	To 50% of I _{max}	810.3 lumens per klm.
	To 90% of I _{max}	233.0 lumens per klm.

Upward LOR	0.6 %
Downward LOR	99.4 %

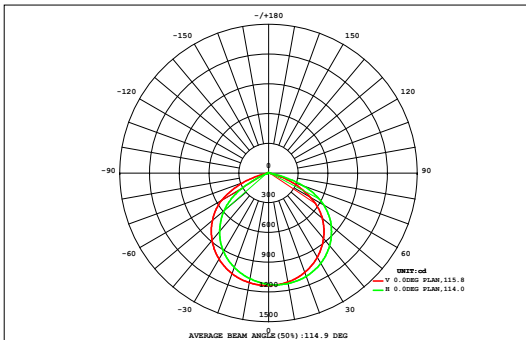
Luminaire Efficiency (Light Output Ratio)	100.0 %
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C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 16 November 2017

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:230.04V I:0.1341A P:30.683W PF:0.9945 Freq:50.01Hz Lamp Flux:3136.58x1 lm		
NAME: BLP-FL30WAC	TYPE:	WEIGHT:0.8KG
SPEC.:	DIM.: 0.133*0.168*0.040	SERIAL No.:
MFR.: Shenzhen Brillloop Lighting	SUR.:0.10X0.09	Shielding Angle:



DATA OF LAMP		Eff:102.22lm/W	
MODEL		I _{max} (cd)	1135
NOMINAL POWER (W)	30	AVAILABILITY (%)	98.2
RATED VOLTAGE (V)	230	Avai. FLUX (lm)	3081
NOMINAL FLUX (lm)	3136.58	LOR (%)	100.0
LAMPS INSIDE	1	TOTAL FLUX (lm)	3137
TEST VOLTAGE (V)	230	θ @50% (H,V)	116,114DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM															UNIT:lm		Φ t	Φ a	
	0.00	0.00	0.01	0.02	0.03	0.05	0.06	0.08	0.08	0.09	0.08	0.08	0.06	0.05	0.03	0.02	0.01			0.00
90	0.00	0.00	0.01	0.02	0.03	0.05	0.06	0.08	0.08	0.09	0.08	0.08	0.06	0.05	0.03	0.02	0.01	0.00	0.75	0.00
80	0.00	0.01	0.04	0.10	0.20	0.33	0.44	0.51	0.56	0.58	0.55	0.51	0.41	0.27	0.15	0.06	0.02	0.00	4.75	0.00
70	0.00	0.03	0.13	0.60	1.52	2.69	3.61	4.43	4.86	4.93	4.63	3.94	3.11	1.90	0.89	0.22	0.04	0.00	37.5	27.3
60	0.00	0.05	0.59	2.50	5.22	8.27	10.9	12.9	14.0	14.0	13.1	11.3	8.83	5.88	3.01	0.93	0.09	0.01	112	110
50	0.01	0.11	1.58	4.78	8.91	13.1	16.6	19.1	20.5	20.6	19.3	16.9	13.5	9.59	5.43	2.05	0.22	0.01	172	171
40	0.01	0.25	2.60	6.76	11.9	16.7	20.9	23.9	25.5	25.5	24.0	21.2	17.1	12.4	7.55	3.12	0.45	0.01	220	219
30	0.01	0.43	3.45	8.43	14.1	19.5	24.1	27.4	29.1	29.2	27.5	24.3	19.8	14.6	9.21	4.05	0.69	0.01	256	255
20	0.01	0.59	4.09	9.66	15.7	21.4	26.4	29.9	31.7	31.7	29.9	26.5	21.7	16.2	10.4	4.76	0.89	0.02	282	281
10	0.01	0.69	4.48	10.4	16.7	22.7	27.9	31.6	33.5	33.3	31.6	28.1	23.2	17.3	11.2	5.20	1.02	0.02	299	298
0	0.01	0.71	4.61	10.7	17.0	23.1	28.3	32.1	34.0	34.3	32.6	28.9	23.8	17.7	11.4	5.36	1.05	0.02	306	305
-10	0.01	0.65	4.48	10.5	16.8	22.7	27.9	31.7	33.8	34.0	32.3	28.7	23.5	17.5	11.3	5.22	0.98	0.02	302	302
-20	0.01	0.51	4.04	9.79	15.9	21.7	26.8	30.6	32.6	32.8	31.1	27.5	22.5	16.7	10.6	4.78	0.81	0.02	289	288
-30	0.01	0.32	3.28	8.58	14.5	20.0	24.8	28.4	30.3	30.5	28.8	25.4	20.7	15.3	9.52	4.01	0.57	0.01	265	264
-40	0.01	0.15	2.20	6.82	12.3	17.4	21.8	25.2	26.9	27.0	25.5	22.3	18.1	13.1	7.81	2.91	0.31	0.01	230	229
-50	0.00	0.06	1.00	4.55	9.30	13.9	17.7	20.6	22.1	22.3	20.9	18.2	14.6	10.3	5.51	1.58	0.12	0.01	183	181
-60	0.00	0.03	0.23	1.84	5.24	8.78	11.9	14.2	15.4	15.6	14.7	12.7	9.81	6.36	2.65	0.46	0.05	0.01	120	118
-70	0.00	0.01	0.05	0.24	1.04	2.38	3.86	4.95	5.42	5.58	5.39	4.51	3.08	1.57	0.42	0.09	0.02	0.00	38.6	31.2
-80	0.00	0.00	0.01	0.02	0.04	0.08	0.13	0.18	0.22	0.22	0.20	0.16	0.10	0.06	0.04	0.02	0.01	0.00	1.51	0.00
-90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.10	4.61	36.9	96.2	166	235	294	338	361	362	342	301	244	177	107	44.8	7.35	0.18	3117	---
	0.00	2.12	34.5	94.1	164	233	292	335	359	360	340	299	242	175	105	42.5	4.57	0.00	---	3081

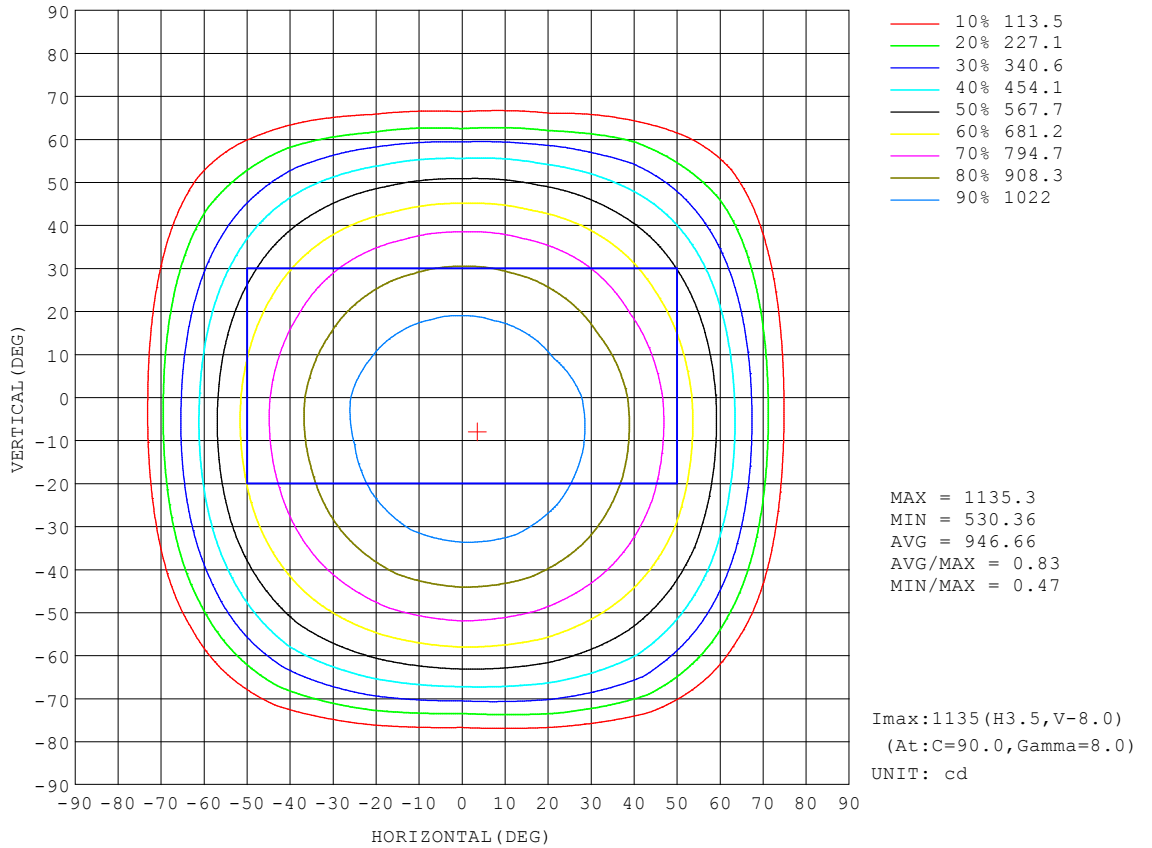
one-half-peak spread: U:55.4,D:51.1 , L:59.0,R:57.3 NEMA Beam Type: Type 7

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:16 November 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.: 0.133*0.168*0.040	SERIAL No.:
MFR.: Shenzhen Brillloop Lighting	SUR.:0.10X0.09	Shielding Angle:

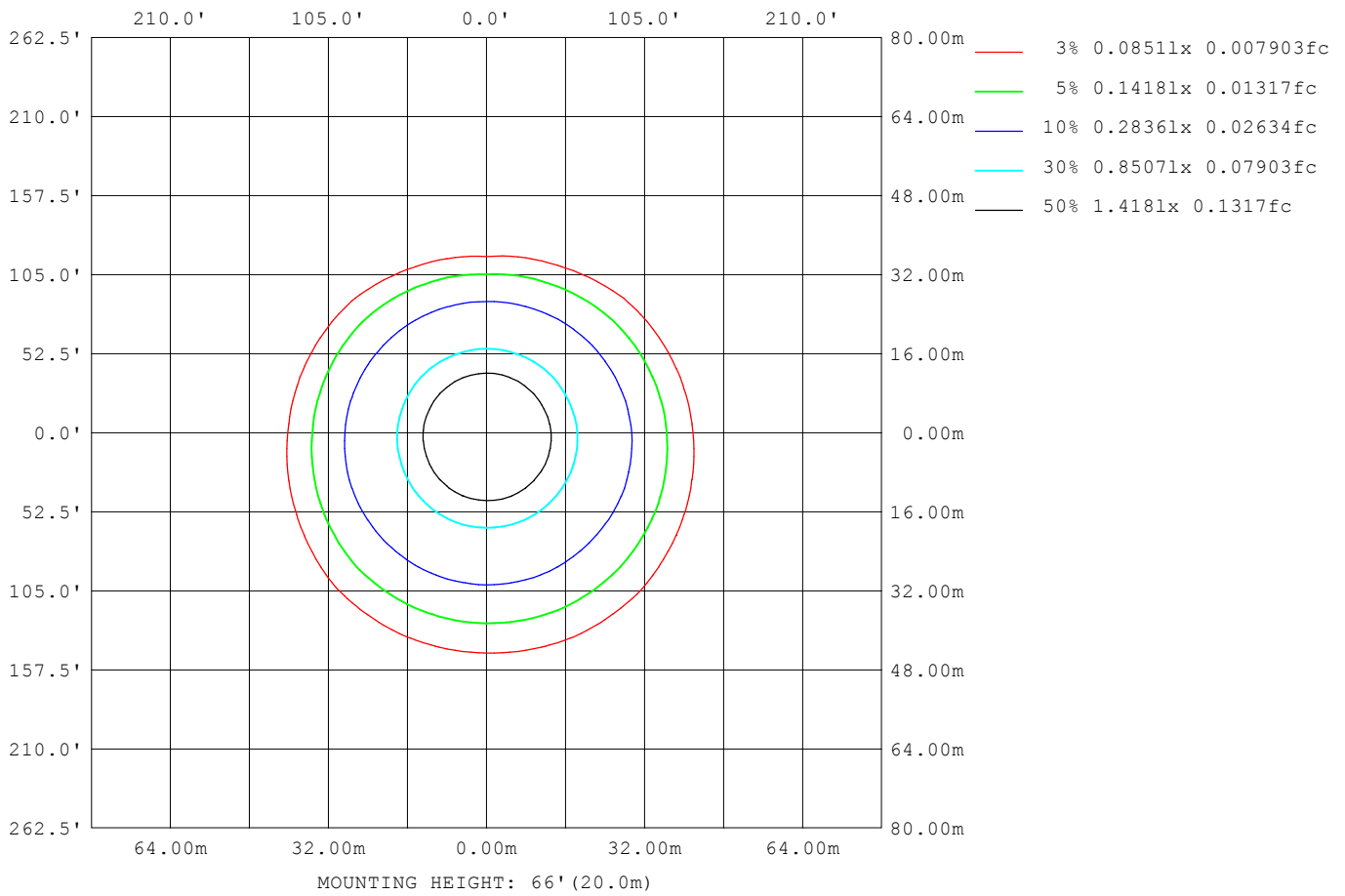


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ISOLUX DIAGRAM

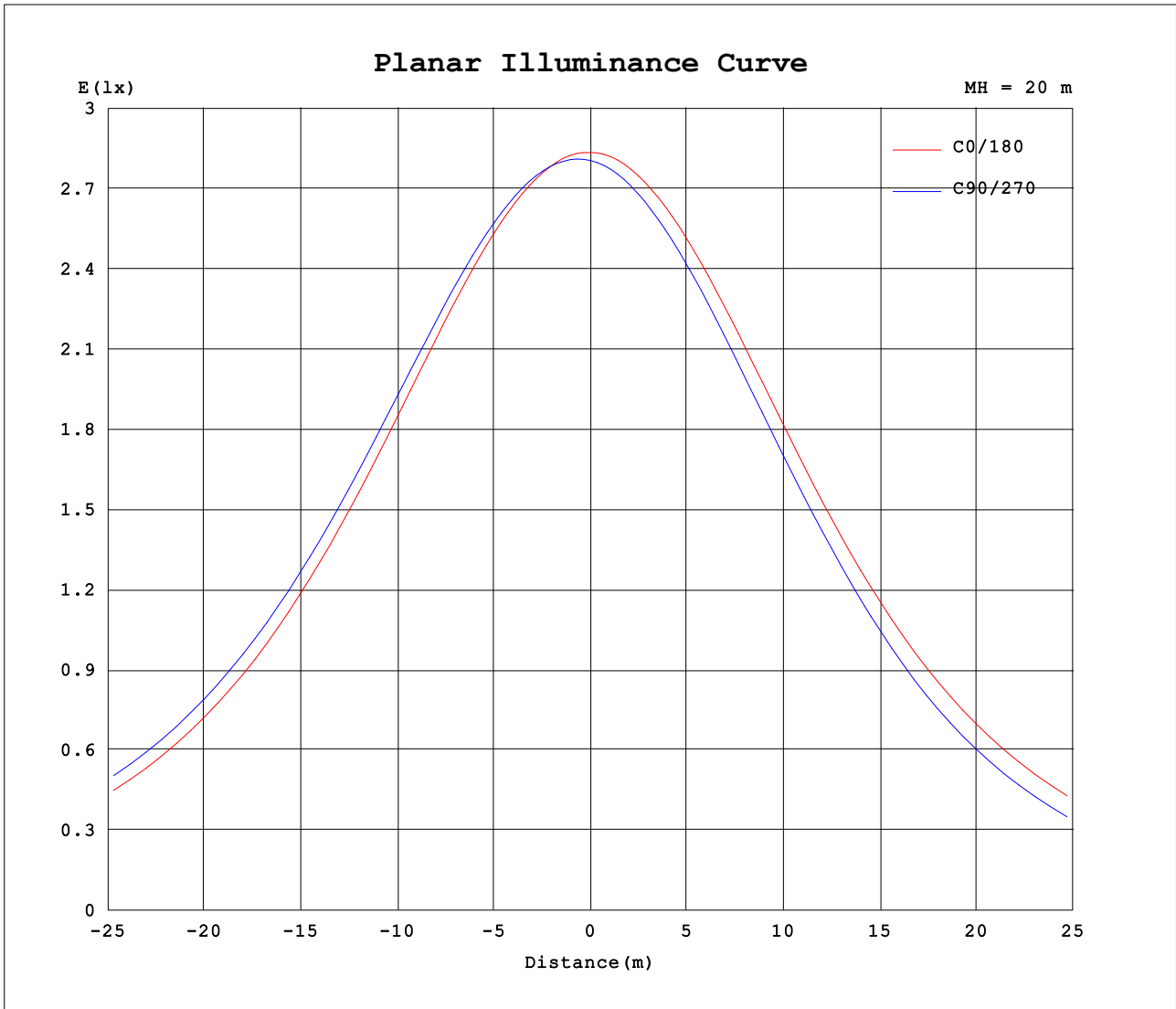
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 Remarks:

Planar Illuminance Curve

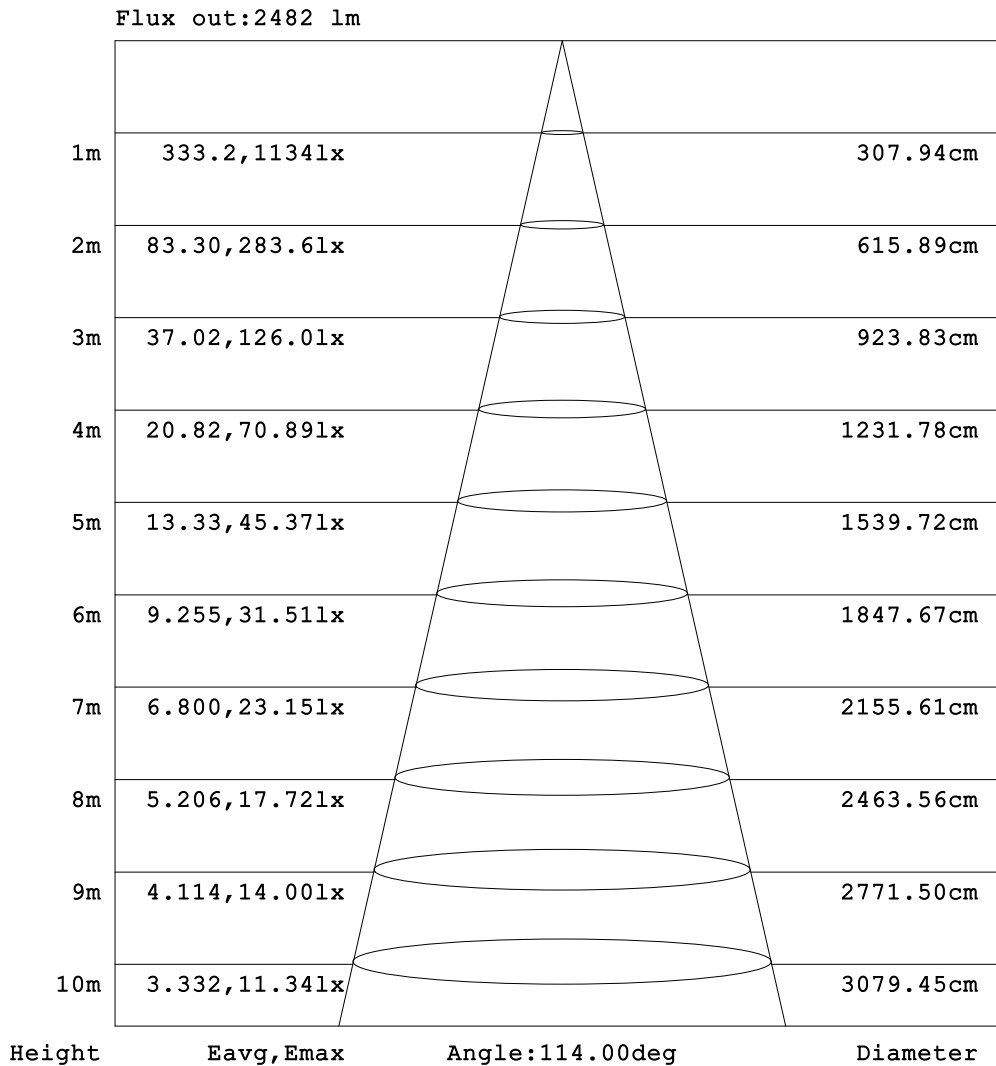


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 Remarks:

AAI Figure

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SPEC.:	DIM.: 0.133*0.168*0.040	SERIAL No.:
MFR.: Shenzhen Brillloop Lighting	SUR.:0.10X0.09	Shielding Angle:



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

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LUMINOUS DISTRIBUTION INTENSITY DATA

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MFR.: Shenzhen Brillloop Lighting	SUR.:0.10X0.09	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	0.44	0.69	1.02	1.47	1.99	2.51	3.03	3.55	4.07	4.55	4.97	5.32	5.64	5.89	6.12	6.30	6.41	6.47	6.60
-170	0.44	0.68	1.00	1.43	1.92	2.42	2.92	3.40	3.89	4.35	4.74	5.05	5.30	5.50	5.68	5.84	5.93	6.01	6.03
-160	0.44	0.67	0.96	1.35	1.80	2.26	2.72	3.15	3.58	3.99	4.36	4.67	4.92	5.13	5.30	5.45	5.55	5.61	5.63
-150	0.44	0.64	0.90	1.24	1.62	2.03	2.43	2.81	3.17	3.52	3.85	4.16	4.41	4.62	4.77	4.90	4.98	5.04	5.05
-140	0.44	0.61	0.83	1.10	1.40	1.74	2.07	2.39	2.69	2.96	3.22	3.47	3.68	3.87	4.02	4.12	4.22	4.27	4.26
-130	0.44	0.57	0.75	0.94	1.17	1.41	1.67	1.90	2.12	2.35	2.53	2.70	2.86	2.99	3.09	3.18	3.25	3.28	3.28
-120	0.44	0.54	0.67	0.80	0.94	1.10	1.25	1.39	1.54	1.68	1.81	1.91	2.01	2.09	2.14	2.21	2.26	2.27	2.26
-110	0.44	0.50	0.57	0.66	0.73	0.82	0.88	0.95	1.01	1.07	1.12	1.16	1.20	1.23	1.24	1.27	1.28	1.29	1.27
-100	0.44	0.47	0.49	0.52	0.55	0.57	0.59	0.60	0.61	0.62	0.62	0.62	0.61	0.60	0.60	0.60	0.60	0.60	0.59
-90	0.44	0.43	0.42	0.41	0.40	0.39	0.37	0.36	0.34	0.33	0.31	0.29	0.27	0.26	0.25	0.24	0.23	0.23	0.22
-80	0.44	0.42	0.50	0.68	0.98	1.46	2.21	3.24	4.47	5.90	8.05	10.6	14.0	17.4	22.1	24.6	25.5	25.2	24.1
-70	0.44	0.51	0.97	1.97	3.68	6.28	13.2	34.2	76.8	131	181	223	262	296	323	340	352	359	361
-60	0.44	0.67	1.85	4.49	8.89	25.8	92.7	179	268	346	415	467	511	550	581	604	622	634	642
-50	0.44	0.88	3.14	7.95	30.4	113	223	330	424	509	581	637	683	725	761	788	806	819	825
-40	0.44	1.13	4.59	14.2	86.2	210	331	442	547	630	698	756	808	852	890	921	940	952	958
-30	0.44	1.41	5.99	28.0	142	285	408	531	633	712	780	842	897	943	981	1012	1034	1046	1052
-20	0.44	1.63	7.14	47.0	185	329	460	585	683	763	834	897	952	999	1038	1067	1089	1103	1110
-10	0.44	1.76	7.83	60.3	209	349	485	610	708	789	862	925	979	1024	1060	1089	1110	1124	1132
0	0.44	1.80	7.96	62.0	211	348	484	609	708	789	863	927	982	1030	1067	1096	1117	1130	1134
10	0.44	1.76	7.70	56.0	197	329	458	579	677	757	828	891	944	989	1025	1053	1071	1081	1082
20	0.44	1.63	6.94	40.1	164	291	405	522	618	698	764	825	878	921	955	982	1000	1010	1013
30	0.44	1.41	5.79	21.3	116	236	333	437	530	609	676	733	782	822	856	881	898	910	913
40	0.44	1.14	4.42	11.6	62.9	161	250	328	413	489	552	603	649	687	716	737	756	767	769
50	0.44	0.89	3.03	7.21	18.6	74.1	147	210	269	331	392	439	478	511	537	559	575	584	585
60	0.44	0.69	1.82	4.16	7.62	14.5	41.0	75.3	111	147	184	214	240	264	277	304	314	317	312
70	0.44	0.54	1.00	1.92	3.35	5.28	7.56	10.5	14.5	18.5	22.0	31.3	37.1	35.8	30.7	35.3	38.1	37.2	34.3
80	0.44	0.44	0.55	0.75	1.04	1.43	1.90	2.48	3.09	3.70	4.37	4.99	5.58	6.07	6.56	6.99	7.31	7.53	7.63
90	0.44	0.46	0.47	0.49	0.51	0.52	0.54	0.55	0.56	0.58	0.58	0.58	0.59	0.59	0.59	0.59	0.59	0.58	0.58
100	0.44	0.49	0.55	0.62	0.68	0.74	0.81	0.88	0.96	1.03	1.09	1.14	1.19	1.23	1.26	1.28	1.29	1.29	1.28
110	0.44	0.53	0.63	0.75	0.88	1.02	1.19	1.34	1.51	1.68	1.84	1.96	2.09	2.19	2.28	2.33	2.37	2.38	2.38
120	0.44	0.57	0.73	0.91	1.12	1.36	1.63	1.89	2.16	2.41	2.63	2.81	2.97	3.12	3.24	3.33	3.40	3.44	3.45
130	0.44	0.60	0.81	1.06	1.37	1.71	2.07	2.42	2.74	3.04	3.32	3.59	3.81	4.03	4.20	4.33	4.42	4.47	4.48
140	0.44	0.63	0.89	1.21	1.60	2.02	2.45	2.86	3.23	3.60	3.97	4.32	4.61	4.85	5.04	5.17	5.27	5.32	5.33
150	0.44	0.66	0.95	1.33	1.79	2.27	2.74	3.20	3.64	4.08	4.50	4.86	5.17	5.41	5.57	5.71	5.79	5.83	5.84
160	0.44	0.68	1.00	1.42	1.92	2.43	2.93	3.42	3.92	4.41	4.85	5.20	5.48	5.72	5.91	6.04	6.13	6.19	6.21
170	0.44	0.69	1.02	1.47	1.99	2.52	3.03	3.55	4.07	4.56	5.00	5.34	5.64	5.88	6.08	6.25	6.37	6.39	6.38
180	0.44	0.69	1.02	1.47	1.99	2.51	3.03	3.55	4.07	4.55	4.97	5.32	5.64	5.89	6.12	6.30	6.41	6.47	6.58

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 Temperature:25.3DEG
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γ Range: 0 - 180DEG
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SPEC.:	DIM.: 0.133*0.168*0.040	SERIAL No.:
MFR.: Shenzhen Brillloop Lighting	SUR.:0.10X0.09	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	6.40	6.21	6.07	5.90	5.70	5.44	5.15	4.82	4.41	3.94	3.42	2.92	2.41	1.88	1.38	0.98	0.65	0.57
-170	6.07	6.00	5.88	5.70	5.49	5.25	4.97	4.64	4.23	3.78	3.30	2.81	2.32	1.82	1.35	0.96	0.65	0.57
-160	5.63	5.58	5.48	5.30	5.12	4.89	4.62	4.29	3.91	3.49	3.05	2.61	2.15	1.69	1.27	0.92	0.63	0.57
-150	5.04	4.99	4.89	4.75	4.57	4.36	4.09	3.79	3.45	3.08	2.72	2.31	1.92	1.52	1.16	0.86	0.61	0.57
-140	4.26	4.20	4.10	3.98	3.82	3.63	3.41	3.16	2.89	2.61	2.28	1.96	1.63	1.31	1.03	0.79	0.58	0.57
-130	3.27	3.24	3.17	3.07	2.96	2.83	2.67	2.49	2.28	2.04	1.80	1.56	1.32	1.09	0.89	0.70	0.55	0.57
-120	2.27	2.25	2.20	2.13	2.06	1.97	1.86	1.73	1.61	1.46	1.31	1.16	1.02	0.88	0.75	0.62	0.52	0.57
-110	1.28	1.27	1.25	1.22	1.21	1.17	1.13	1.09	1.02	0.96	0.89	0.83	0.76	0.68	0.61	0.54	0.48	0.57
-100	0.59	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.59	0.58	0.57	0.54	0.52	0.51	0.49	0.46	0.46	0.57
-90	0.23	0.23	0.24	0.25	0.26	0.29	0.31	0.34	0.37	0.40	0.43	0.46	0.48	0.51	0.52	0.54	0.55	0.57
-80	27.2	29.1	29.1	26.4	21.0	18.4	14.4	10.9	7.93	6.38	5.11	4.02	3.12	2.30	1.63	1.12	0.78	0.57
-70	366	365	360	349	328	302	269	231	181	118	64.0	24.9	10.7	6.72	4.09	2.27	1.13	0.57
-60	639	632	620	602	574	541	502	458	396	321	236	143	61.3	17.1	7.84	3.89	1.57	0.57
-50	822	813	798	774	742	704	661	611	550	475	387	279	166	68.0	14.6	5.90	2.08	0.57
-40	956	948	933	906	873	831	783	727	665	592	501	392	267	137	34.9	7.97	2.61	0.57
-30	1051	1044	1026	1000	967	923	872	813	747	674	583	469	340	198	65.4	10.2	3.10	0.57
-20	1109	1102	1084	1059	1024	981	929	868	799	721	632	520	386	241	92.1	12.4	3.49	0.57
-10	1133	1126	1110	1085	1051	1007	954	892	822	743	654	545	408	262	107	13.9	3.72	0.57
0	1133	1123	1106	1080	1046	1002	950	888	819	740	652	544	407	263	109	14.0	3.79	0.57
10	1078	1067	1051	1025	993	954	906	847	782	706	621	515	383	246	100	13.3	3.69	0.57
20	1010	999	983	958	927	887	837	781	719	648	565	462	338	213	80.7	11.7	3.44	0.57
30	911	901	885	862	832	794	748	693	633	565	485	383	275	161	52.3	9.50	3.04	0.57
40	769	760	743	725	698	663	621	573	518	454	373	285	201	101	25.1	7.43	2.54	0.57
50	586	579	565	546	523	492	457	418	367	306	239	182	108	43.0	11.6	5.45	2.02	0.57
60	319	319	312	289	276	260	240	211	171	137	101	66.6	30.7	11.8	6.82	3.59	1.54	0.57
70	39.3	42.1	41.1	36.8	40.1	44.7	41.3	31.7	24.5	23.4	16.3	10.9	7.82	5.52	3.58	2.11	1.11	0.57
80	7.75	7.75	7.64	7.39	7.09	6.77	6.32	5.79	5.16	4.52	3.85	3.16	2.55	1.99	1.49	1.09	0.78	0.57
90	0.59	0.60	0.60	0.61	0.62	0.62	0.62	0.62	0.62	0.60	0.59	0.57	0.56	0.55	0.56	0.56	0.57	0.57
100	1.27	1.25	1.23	1.20	1.16	1.10	1.04	0.98	0.92	0.85	0.77	0.70	0.64	0.59	0.54	0.50	0.48	0.57
110	2.36	2.32	2.26	2.19	2.09	1.96	1.83	1.69	1.52	1.35	1.19	1.03	0.88	0.77	0.67	0.58	0.49	0.57
120	3.41	3.35	3.26	3.15	3.00	2.83	2.65	2.44	2.20	1.96	1.70	1.43	1.19	0.98	0.81	0.66	0.53	0.57
130	4.44	4.36	4.25	4.09	3.88	3.64	3.38	3.09	2.81	2.51	2.18	1.84	1.52	1.22	0.96	0.74	0.57	0.57
140	5.28	5.20	5.08	4.90	4.68	4.42	4.10	3.72	3.34	2.97	2.59	2.21	1.82	1.44	1.10	0.82	0.60	0.57
150	5.80	5.72	5.60	5.43	5.22	4.95	4.62	4.23	3.80	3.34	2.93	2.52	2.08	1.63	1.22	0.89	0.62	0.57
160	6.16	6.06	5.92	5.73	5.53	5.26	4.95	4.56	4.14	3.68	3.20	2.74	2.27	1.77	1.32	0.94	0.64	0.57
170	6.33	6.25	6.09	5.89	5.66	5.41	5.12	4.77	4.36	3.88	3.37	2.88	2.38	1.86	1.37	0.97	0.65	0.57
180	6.40	6.21	6.07	5.90	5.70	5.44	5.15	4.82	4.41	3.94	3.42	2.92	2.41	1.88	1.38	0.98	0.65	0.57

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:16 November 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: