

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

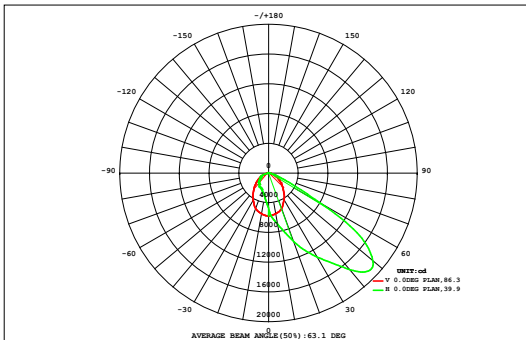
Maximum Intensity		2486.6 cd per klm.
(Luminaire orientation as tested.)		0.0 degrees vertical
		0.0 degrees horizontal
Beam Spread	At 10% of I _{max}	115.0V x 146.4H
	At 50% of I _{max}	39.9V x 86.3H
	At 90% of I _{max}	12.4V x 37.4H
Beam Flux	Total	2888.7 lumens per klm.
	To 10% of I _{max}	2558.9 lumens per klm.
	To 50% of I _{max}	1269.5 lumens per klm.
	To 90% of I _{max}	215.9 lumens per klm.
	Upward LOR	1.7 %
	Downward LOR	287.2 %
Luminaire Efficiency (Light Output Ratio)		288.9 %

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 20 March 2018

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:230.01V I:0.6931A P:157.79W PF:0.9897 Freq:50.01Hz Lamp Flux:7603.7x1 lm		
NAME: BLP-FL150W07	TYPE:	WEIGHT:7.5Kg
SPEC.:	DIM.: 0.340X0.400X0.090	SERIAL No.:
MFR.: Shenzhen Brillloop Lighting	SUR.:0.28X0.25	Shielding Angle:



DATA OF LAMP		Eff:139.20lm/W	
MODEL		Imax (cd)	18908
NOMINAL POWER (W)	150	AVAILABILITY (%)	258.7
RATED VOLTAGE (V)	230	Avai. FLUX (lm)	19673
NOMINAL FLUX (lm)	7603.7	LOR (%)	288.9
LAMPS INSIDE	1	TOTAL FLUX (lm)	21964
TEST VOLTAGE (V)	230	θ @50% (H,V)	86,40DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.01	0.05	0.14	0.25	0.35	0.43	0.45	0.46	0.43	0.40	0.39	0.36	0.31	0.23	0.16	0.08	0.04	0.01	4.56	0.00
90	0.01	0.05	0.14	0.25	0.35	0.43	0.45	0.46	0.43	0.40	0.39	0.36	0.31	0.23	0.16	0.08	0.04	0.01	4.56	0.00
80	0.02	0.23	0.82	1.81	3.03	4.44	5.82	7.62	9.58	9.32	6.88	4.81	3.44	2.24	1.34	0.59	0.17	0.02	62.2	0.00
70	0.05	0.60	2.51	5.84	10.3	15.5	20.1	26.3	32.9	32.6	25.6	18.9	13.9	8.78	4.94	2.03	0.50	0.04	222	0.00
60	0.09	1.19	4.93	11.1	19.0	27.3	35.0	41.3	44.7	44.3	40.2	33.6	25.7	17.7	10.3	4.43	1.04	0.08	362	0.00
50	0.13	1.90	7.42	16.0	26.2	37.0	47.5	53.6	57.2	57.2	53.4	45.7	35.5	25.2	15.4	7.07	1.75	0.12	488	96.6
40	0.17	2.59	9.72	20.1	31.6	45.2	54.5	62.5	65.8	65.4	61.3	54.5	43.1	30.7	19.5	9.51	2.48	0.16	579	378
30	0.21	3.20	11.7	23.9	36.1	49.9	60.8	69.0	71.9	70.9	66.9	58.9	48.0	35.1	23.6	11.6	3.14	0.20	645	473
	0.24	3.66	13.3	27.9	44.0	60.3	74.4	86.0	88.0	83.9	77.1	67.3	55.7	43.3	27.9	13.4	3.64	0.24	770	663
	0.26	3.92	14.4	31.5	53.9	81.2	107	128	131	112	111	101	79.7	54.0	31.7	14.6	3.96	0.26	1060	987
	0.28	4.51	16.7	37.7	67.0	103	136	159	169	194	187	157	115	73.2	40.2	18.2	4.62	0.28	1483	1428
	0.29	5.32	20.1	45.4	81.6	124	171	214	238	255	251	213	155	97.3	51.9	23.8	5.49	0.28	1953	1914
	0.27	5.64	22.5	49.8	96.0	161	228	293	332	346	330	273	197	118	59.9	27.9	5.74	0.25	2545	2514
-30	0.23	5.32	23.8	53.4	126	202	296	385	431	445	424	343	252	149	67.9	28.8	5.25	0.21	3238	3212
-40	0.18	4.36	22.4	59.3	145	253	363	482	536	550	520	409	288	157	70.2	24.9	4.08	0.15	3889	3861
-50	0.12	2.91	17.2	49.6	121	218	319	409	438	438	401	306	209	115	50.2	17.1	2.53	0.10	3114	3076
-60	0.07	1.44	9.40	28.4	64.0	100	127	141	127	120	122	108	85.0	55.1	25.6	8.16	1.14	0.06	1122	1048
-70	0.03	0.46	2.81	9.32	21.0	29.3	32.4	32.3	27.9	26.0	27.2	25.9	22.9	15.6	6.68	2.00	0.34	0.03	282	23.3
-80	0.01	0.11	0.36	0.85	1.69	2.29	2.34	2.23	1.91	1.70	1.65	1.51	1.29	0.86	0.49	0.23	0.07	0.01	19.6	0.00
-90	0.01	0.11	0.36	0.85	1.69	2.29	2.34	2.23	1.91	1.70	1.65	1.51	1.29	0.86	0.49	0.23	0.07	0.01	19.6	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90			
Φ t	2.67	47.4	200	472	948	1513	2080	2592	2802	2853	2706	2223	1630	998	508	215	46.0	2.49	21838	---
Φ a	0.00	0.00	40.3	312	789	1363	1944	2445	2658	2712	2566	2088	1475	843	357	78.6	0.00	0.00	---	19673

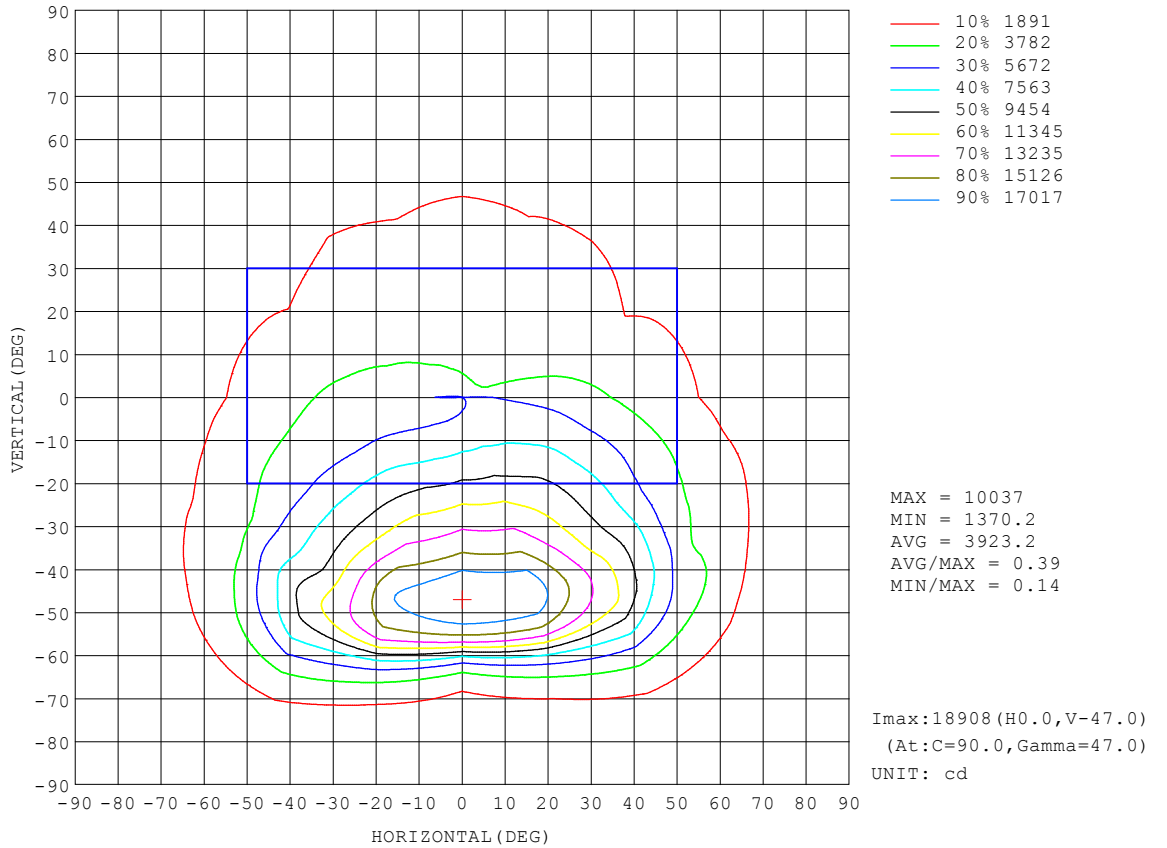
one-half-peak spread: U:12.1,D:28.1 , L:43.3,R:43.3 NEMA Beam Type: Type 7 x 6 (H x V)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:20 March 2018

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

Test:U:230.01V I:0.6931A P:157.79W PF:0.9897 Freq:50.01Hz Lamp Flux:7603.7x1 lm		
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SPEC.:	DIM.: 0.340X0.400X0.090	SERIAL No.:
MFR.: Shenzhen Brillloop Lighting	SUR.:0.28X0.25	Shielding Angle:

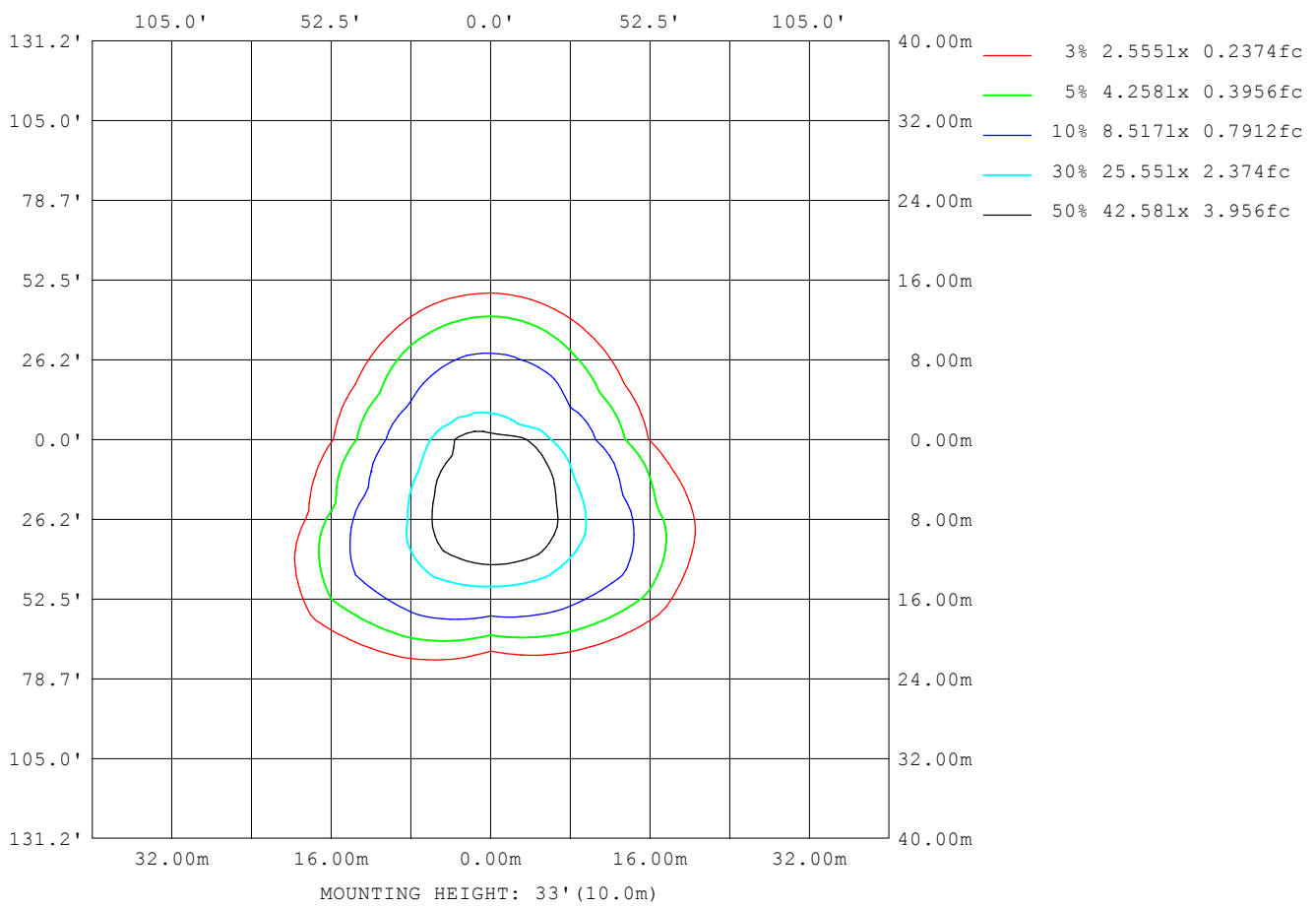


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ISOLUX DIAGRAM

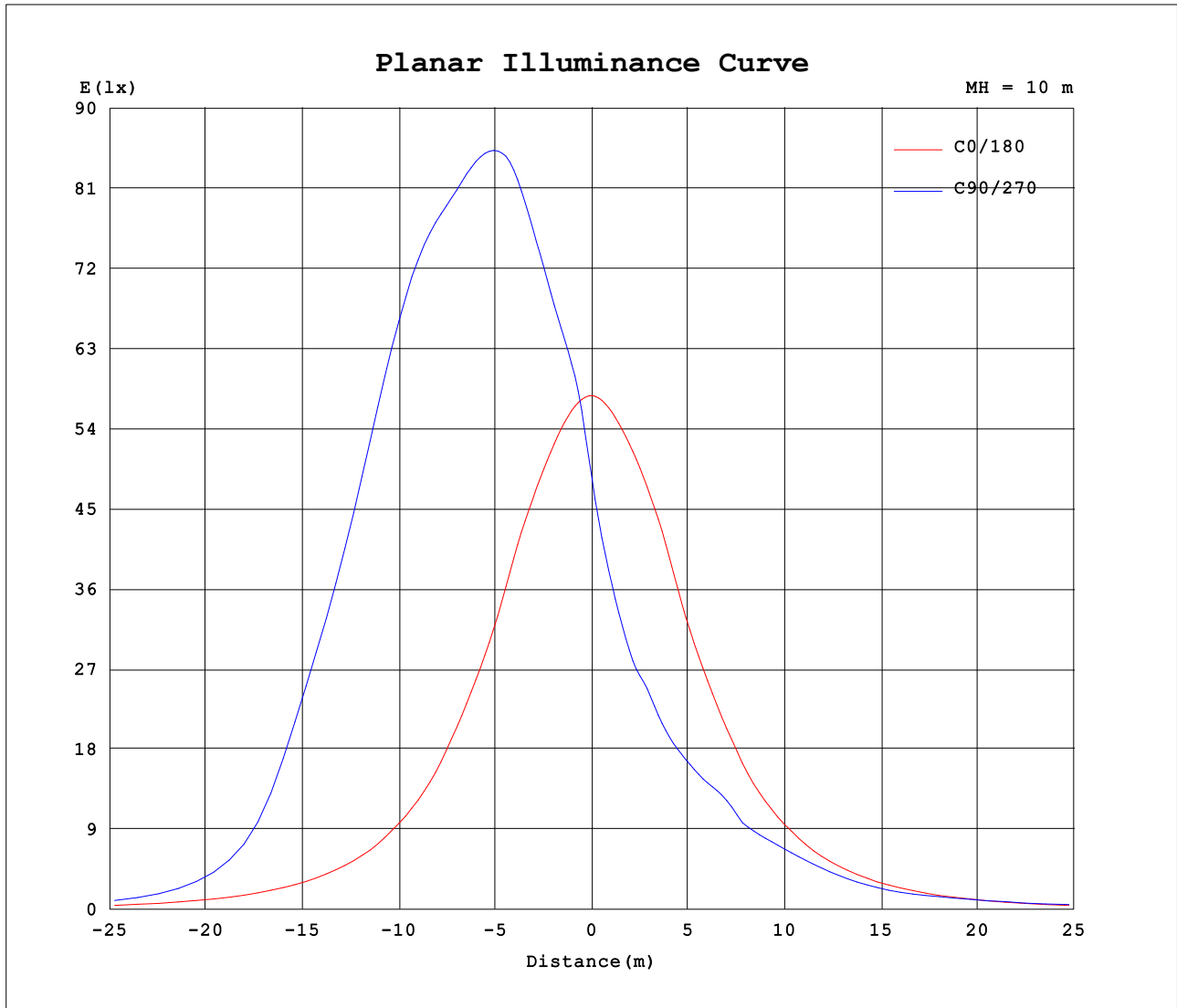
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 Remarks:

Planar Illuminance Curve

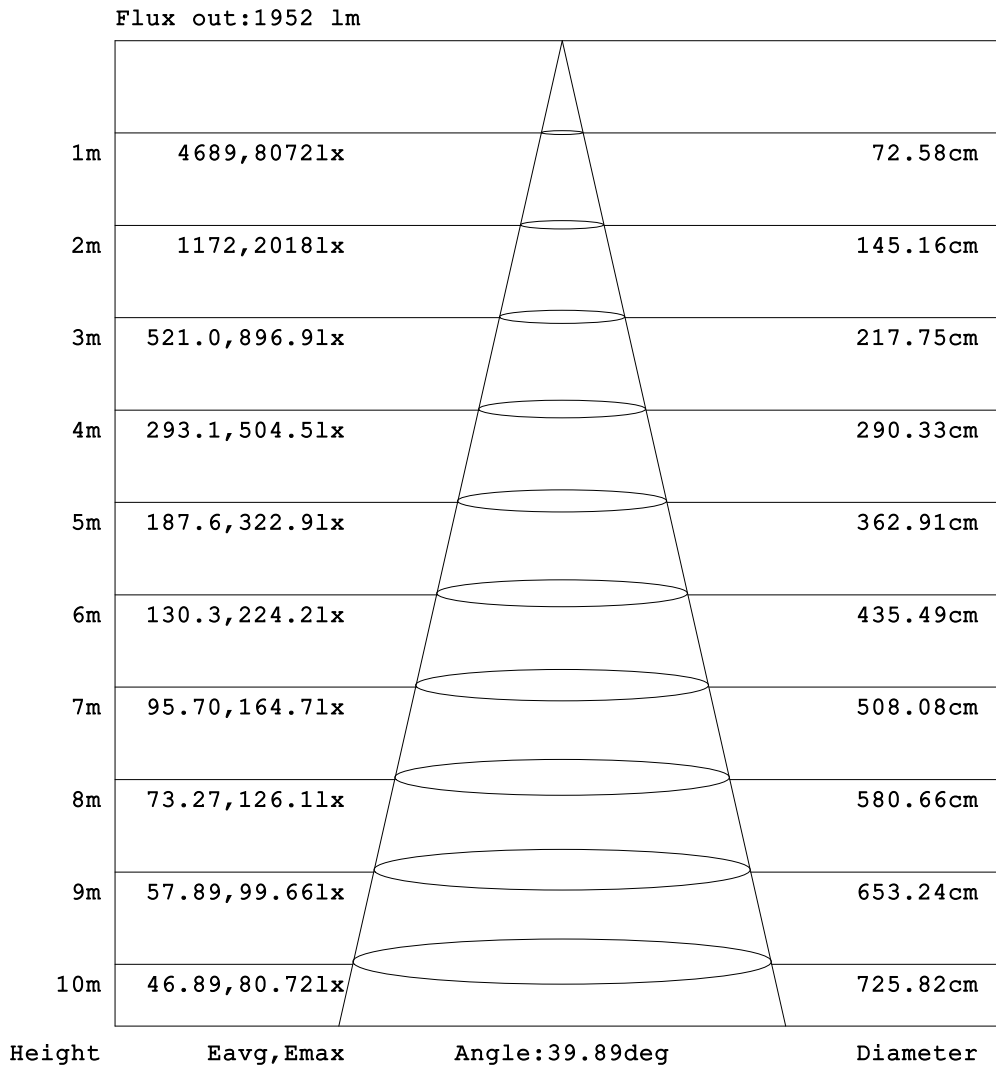


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AAI Figure

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NAME: BLP-FL150W07	TYPE:	WEIGHT:7.5Kg
SPEC.:	DIM.: 0.340X0.400X0.090	SERIAL No.:
MFR.: Shenzhen Brillloop Lighting	SUR.:0.28X0.25	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.:0.28X0.25	Shielding Angle:

Table--1

UNIT: x10cd

H (DEG) \ V (DEG)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-180	0.23	0.32	0.45	0.61	0.81	1.03	1.27	1.52	1.77	2.02	2.26	2.49	2.71	2.93	3.11	3.28	3.42	3.50	3.53
-170	0.23	0.31	0.43	0.58	0.75	0.93	1.11	1.29	1.45	1.60	1.72	1.80	1.84	1.84	1.88	1.97	2.02	2.08	2.21
-160	0.23	0.30	0.41	0.54	0.67	0.81	0.93	1.04	1.12	1.17	1.18	1.27	1.36	1.43	1.49	1.55	1.60	1.64	1.67
-150	0.23	0.29	0.38	0.48	0.59	0.68	0.75	0.80	0.83	0.91	1.00	1.06	1.11	1.16	1.21	1.25	1.28	1.31	1.31
-140	0.23	0.28	0.35	0.43	0.50	0.56	0.60	0.64	0.71	0.77	0.83	0.87	0.92	0.97	1.01	1.04	1.07	1.08	1.09
-130	0.23	0.27	0.32	0.37	0.41	0.45	0.48	0.53	0.58	0.63	0.67	0.71	0.76	0.80	0.83	0.86	0.88	0.89	0.89
-120	0.23	0.25	0.28	0.31	0.34	0.36	0.39	0.43	0.46	0.49	0.52	0.56	0.59	0.62	0.64	0.66	0.68	0.69	0.69
-110	0.23	0.24	0.25	0.26	0.27	0.28	0.30	0.32	0.34	0.35	0.37	0.40	0.42	0.43	0.45	0.46	0.47	0.48	0.48
-100	0.23	0.24	0.23	0.22	0.22	0.22	0.22	0.23	0.23	0.23	0.24	0.25	0.26	0.26	0.27	0.28	0.28	0.29	0.29
-90	0.23	0.29	0.35	0.42	0.48	0.55	0.62	0.69	0.76	0.84	0.85	0.86	0.88	0.89	0.88	0.84	0.80	0.76	0.73
-80	0.23	0.55	1.37	2.64	4.25	6.31	9.82	14.9	21.1	28.5	33.2	35.4	36.0	33.8	31.3	30.1	27.9	24.7	20.8
-70	0.23	1.09	3.42	8.24	21.2	40.7	67.5	101	138	182	209	223	233	233	230	223	206	182	153
-60	0.23	1.85	6.77	22.3	52.7	101	155	219	304	426	561	625	695	775	884	916	906	864	788
-50	0.23	2.69	12.3	39.0	88.0	152	227	320	452	653	863	1041	1203	1354	1536	1667	1725	1781	1830
-40	0.23	3.55	17.6	54.2	112	182	242	310	466	660	813	901	1030	1219	1385	1532	1567	1619	1692
-30	0.23	4.37	21.7	62.9	121	183	224	281	369	505	619	728	830	934	1043	1144	1215	1248	1302
-20	0.23	4.97	23.8	63.7	116	165	211	275	339	408	465	558	646	723	799	858	899	927	973
-10	0.23	5.24	23.4	57.6	101	140	185	239	292	348	398	455	495	522	569	607	634	659	697
0	0.23	5.21	20.8	46.5	77.8	112	149	187	226	271	315	370	417	463	512	539	556	570	577
10	0.23	5.03	19.9	44.7	74.6	107	139	170	199	228	254	284	297	309	333	346	340	336	319
20	0.23	4.60	17.7	40.4	67.7	96.3	124	148	168	182	193	214	232	240	248	258	258	258	252
30	0.23	3.94	14.6	34.1	57.6	82.5	106	126	140	156	176	190	200	207	216	222	225	226	226
40	0.23	3.13	11.0	26.2	45.2	66.0	85.7	104	120	135	148	169	185	189	190	192	198	200	197
50	0.23	2.26	7.44	17.5	31.5	47.2	63.0	78.2	92.7	106	119	130	140	150	161	167	172	175	176
60	0.23	1.46	4.64	9.70	17.9	28.0	37.8	47.8	58.4	69.1	78.3	86.2	94.4	102	107	116	122	126	128
70	0.23	0.81	2.32	4.47	7.22	11.4	15.3	19.6	23.7	28.1	32.5	37.8	42.0	46.0	51.9	61.9	73.9	86.5	97.5
80	0.23	0.40	0.76	1.29	1.93	2.63	3.27	3.88	4.38	4.70	5.07	5.30	5.40	5.30	5.22	5.18	5.00	4.70	4.29
90	0.23	0.27	0.31	0.35	0.39	0.43	0.47	0.51	0.55	0.59	0.57	0.55	0.53	0.51	0.50	0.48	0.46	0.45	0.43
100	0.23	0.28	0.35	0.43	0.52	0.63	0.75	0.88	1.03	1.19	1.26	1.33	1.40	1.47	1.52	1.55	1.56	1.57	1.56
110	0.23	0.30	0.40	0.52	0.67	0.85	1.07	1.33	1.61	1.92	2.18	2.43	2.68	2.95	3.18	3.32	3.43	3.52	3.57
120	0.23	0.31	0.44	0.61	0.81	1.06	1.38	1.75	2.16	2.61	3.06	3.46	3.87	4.28	4.68	4.91	5.11	5.28	5.43
130	0.23	0.32	0.47	0.68	0.93	1.24	1.60	2.06	2.55	3.08	3.60	4.10	4.56	4.99	5.39	5.69	5.89	6.08	6.25
140	0.23	0.33	0.50	0.72	1.01	1.35	1.75	2.22	2.75	3.30	3.86	4.43	4.94	5.35	5.71	6.05	6.17	6.25	6.30
150	0.23	0.33	0.51	0.74	1.04	1.39	1.79	2.26	2.77	3.33	3.88	4.44	5.01	5.50	5.81	6.12	6.31	6.27	6.25
160	0.23	0.33	0.50	0.73	1.01	1.34	1.72	2.15	2.62	3.10	3.58	4.03	4.46	4.85	5.18	5.35	5.46	5.37	5.22
170	0.23	0.33	0.48	0.68	0.93	1.21	1.54	1.89	2.27	2.64	3.00	3.33	3.61	3.86	4.10	4.29	4.43	4.32	3.99
180	0.23	0.32	0.45	0.61	0.81	1.03	1.27	1.52	1.77	2.02	2.26	2.49	2.71	2.93	3.11	3.28	3.42	3.50	3.53

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Table--2

UNIT: ×10cd

H (DEG) \ V (DEG)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-180	3.51	3.45	3.35	3.20	3.04	2.85	2.64	2.41	2.16	1.91	1.66	1.41	1.16	0.92	0.71	0.52	0.36	0.25
-170	2.38	2.46	2.46	2.39	2.30	2.20	2.08	1.94	1.79	1.62	1.43	1.24	1.05	0.86	0.67	0.50	0.36	0.25
-160	1.73	1.75	1.76	1.73	1.72	1.66	1.56	1.44	1.38	1.29	1.18	1.05	0.91	0.77	0.62	0.47	0.35	0.25
-150	1.34	1.34	1.34	1.32	1.28	1.26	1.22	1.16	1.07	0.97	0.93	0.86	0.77	0.67	0.55	0.44	0.34	0.25
-140	1.09	1.09	1.07	1.06	1.03	0.99	0.95	0.92	0.87	0.81	0.73	0.68	0.64	0.57	0.49	0.40	0.32	0.25
-130	0.89	0.88	0.87	0.85	0.83	0.80	0.76	0.72	0.69	0.65	0.60	0.54	0.51	0.47	0.42	0.36	0.30	0.25
-120	0.69	0.69	0.68	0.66	0.64	0.62	0.59	0.55	0.53	0.50	0.47	0.44	0.40	0.39	0.36	0.32	0.29	0.25
-110	0.48	0.48	0.47	0.46	0.45	0.44	0.42	0.40	0.38	0.37	0.35	0.34	0.32	0.31	0.30	0.29	0.27	0.25
-100	0.29	0.29	0.29	0.28	0.28	0.27	0.27	0.26	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
-90	0.69	0.65	0.61	0.57	0.52	0.48	0.43	0.39	0.34	0.32	0.30	0.27	0.25	0.24	0.24	0.25	0.25	0.25
-80	22.2	22.9	22.7	21.5	21.2	21.9	20.5	18.0	14.1	10.9	8.01	5.61	4.44	3.11	1.85	0.88	0.38	0.25
-70	170	183	190	191	194	194	187	175	151	115	82.0	52.5	32.6	15.3	5.99	2.85	0.78	0.25
-60	823	824	791	738	673	615	549	480	376	281	209	149	92.9	45.2	18.1	5.47	1.52	0.25
-50	1814	1787	1744	1621	1437	1263	1096	882	658	480	350	251	158	83.3	34.2	10.2	2.42	0.25
-40	1671	1673	1692	1555	1411	1273	1132	946	741	527	406	317	205	114	50.2	15.6	3.32	0.25
-30	1291	1302	1267	1192	1092	990	891	780	617	441	348	304	221	129	61.1	19.9	4.13	0.25
-20	982	998	986	961	887	801	704	583	496	400	320	255	206	127	63.9	22.5	4.75	0.25
-10	726	743	738	722	669	607	547	471	400	330	262	206	165	108	58.3	22.7	5.11	0.25
0	572	557	537	512	465	419	373	319	274	229	189	151	114	79.1	47.1	20.9	5.22	0.25
10	303	293	290	275	278	279	269	248	227	199	170	140	108	75.2	44.8	19.7	4.98	0.25
20	249	244	239	232	226	213	198	183	179	166	147	123	96.3	67.4	39.9	17.3	4.50	0.25
30	226	224	222	215	205	200	188	167	152	137	124	105	81.5	56.4	32.9	13.9	3.80	0.25
40	196	194	192	192	187	170	157	145	132	117	100	83.5	63.7	43.0	24.4	10.2	2.94	0.25
50	174	170	164	156	146	136	125	113	101	87.8	74.2	59.2	43.8	28.6	15.7	6.90	2.05	0.25
60	125	119	112	102	96.0	88.0	80.0	71.1	61.5	51.6	42.6	33.1	23.6	14.9	8.33	4.13	1.24	0.25
70	86.2	72.8	58.7	46.8	41.3	37.1	30.8	26.1	21.8	18.7	15.3	11.7	8.42	5.69	3.63	1.89	0.63	0.25
80	4.40	4.42	4.33	4.13	4.01	3.98	3.80	3.52	3.10	2.92	2.56	2.07	1.50	1.10	0.85	0.57	0.35	0.25
90	0.46	0.50	0.53	0.57	0.60	0.61	0.63	0.64	0.66	0.60	0.55	0.49	0.44	0.39	0.36	0.32	0.29	0.25
100	1.60	1.63	1.65	1.66	1.61	1.52	1.43	1.35	1.26	1.08	0.92	0.76	0.63	0.52	0.44	0.37	0.31	0.25
110	3.53	3.46	3.37	3.26	3.02	2.74	2.46	2.20	1.93	1.62	1.33	1.07	0.83	0.67	0.53	0.42	0.32	0.25
120	5.28	5.09	4.89	4.66	4.23	3.80	3.37	2.96	2.52	2.08	1.68	1.32	1.02	0.81	0.62	0.46	0.34	0.25
130	6.03	5.81	5.58	5.25	4.79	4.33	3.84	3.35	2.85	2.37	1.91	1.49	1.18	0.92	0.69	0.50	0.36	0.25
140	6.04	5.78	5.53	5.11	4.70	4.30	3.87	3.38	2.88	2.40	1.95	1.58	1.28	1.00	0.75	0.53	0.37	0.25
150	5.88	5.56	5.16	4.73	4.33	3.92	3.50	3.08	2.65	2.21	1.94	1.64	1.34	1.04	0.78	0.55	0.37	0.25
160	4.84	4.53	4.19	3.87	3.58	3.27	2.94	2.61	2.41	2.17	1.90	1.62	1.33	1.04	0.78	0.55	0.38	0.25
170	3.62	3.37	3.16	2.93	2.81	2.77	2.68	2.53	2.32	2.07	1.81	1.54	1.27	1.00	0.75	0.54	0.37	0.25
180	3.51	3.45	3.35	3.20	3.04	2.85	2.64	2.41	2.16	1.91	1.66	1.41	1.16	0.92	0.71	0.52	0.36	0.25

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:20 March 2018

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: