

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity		909.9 cd per klm.
(Luminaire orientation as tested.)		0.0 degrees vertical
		0.0 degrees horizontal

Beam Spread	At 10% of Imax	89.8V x 145.7H
	At 50% of Imax	34.9V x 88.8H
	At 90% of Imax	11.1V x 34.9H

Beam Flux	Total	1000.0 lumens per klm.
	To 10% of Imax	853.3 lumens per klm.
	To 50% of Imax	479.3 lumens per klm.
	To 90% of Imax	115.3 lumens per klm.

Upward LOR	0.6 %
Downward LOR	99.4 %

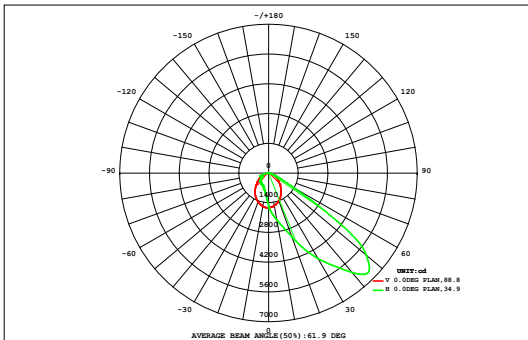
Luminaire Efficiency (Light Output Ratio)	100.0 %
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C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 22 March 2018

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:230.21V I:0.2375A P:52.355W PF:0.9575 Freq:50.00Hz Lamp Flux:7281.04x1 lm		
NAME: BLP-FL48W07	TYPE:	WEIGHT:3.08Kg
SPEC.:	DIM.: 0.225*0.290*0.055	SERIAL No.:
MFR.: Shenzhen Brillloop Lighting	SUR.:0.18*0.17	Shielding Angle:



DATA OF LAMP		Eff:139.07lm/W	
MODEL		Imax (cd)	6625
NOMINAL POWER (W)	48	AVAILABILITY (%)	85.8
RATED VOLTAGE (V)	230	Avai. FLUX (lm)	6243
NOMINAL FLUX (lm)	7281.04	LOR (%)	100.0
LAMPS INSIDE	1	TOTAL FLUX (lm)	7281
TEST VOLTAGE (V)	230	θ @50% (H,V)	89,35DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.00	0.01	0.02	0.04	0.07	0.10	0.16	0.24	0.28	0.29	0.27	0.21	0.13	0.09	0.05	0.03	0.01	0.00	2.00	0.00
90	0.00	0.01	0.02	0.04	0.07	0.10	0.16	0.24	0.28	0.29	0.27	0.21	0.13	0.09	0.05	0.03	0.01	0.00	2.00	0.00
80	0.00	0.02	0.08	0.33	0.86	2.05	3.55	5.31	7.27	7.33	5.48	3.81	2.32	1.08	0.49	0.15	0.03	0.00	40.2	0.00
70	0.00	0.05	0.45	1.57	3.36	5.36	6.89	9.02	11.3	11.3	9.19	7.17	5.71	3.75	1.93	0.67	0.11	0.01	77.9	0.00
60	0.01	0.16	1.16	3.32	5.97	8.48	10.6	12.5	13.4	13.5	12.6	10.9	8.83	6.35	3.77	1.51	0.28	0.01	113	0.00
50	0.01	0.33	1.97	4.88	7.94	11.0	14.0	15.8	16.9	16.9	15.9	14.2	11.3	8.30	5.24	2.41	0.51	0.02	148	0.00
40	0.01	0.52	2.76	5.98	9.26	13.0	15.6	17.7	18.7	18.8	17.8	15.8	13.3	9.60	6.32	3.22	0.75	0.03	169	0.00
30	0.02	0.69	3.40	6.98	10.3	14.2	17.2	19.3	20.3	20.3	19.3	17.2	14.4	10.8	7.47	3.89	0.96	0.04	187	40.1
	0.02	0.82	3.88	8.02	12.5	17.0	20.7	23.9	25.1	24.8	23.3	20.4	17.3	13.3	8.77	4.43	1.12	0.05	225	165
	0.02	0.88	4.18	8.96	15.3	22.9	29.7	34.9	37.4	35.4	33.8	30.1	24.3	16.7	10.0	4.81	1.21	0.05	311	277
	0.03	1.12	5.26	11.6	20.8	31.9	42.8	50.5	55.3	58.8	55.0	46.7	35.9	23.8	13.4	6.28	1.55	0.06	461	439
	0.03	1.48	7.06	15.4	28.3	43.6	59.8	71.5	78.1	80.6	76.7	66.9	51.1	33.6	18.5	8.76	2.07	0.07	644	631
	0.03	1.63	8.45	18.1	35.7	60.0	83.8	103	114	117	109	92.0	69.2	42.8	22.3	10.8	2.33	0.07	889	881
-30	0.02	1.52	9.03	20.9	49.7	80.7	112	141	155	158	147	121	92.8	58.0	26.1	11.9	2.27	0.05	1187	1179
-40	0.01	1.14	8.20	22.6	54.9	102	139	177	190	192	181	148	114	62.9	27.9	11.1	1.85	0.03	1435	1426
-50	0.01	0.63	5.76	17.0	40.4	71.4	96.7	121	122	122	121	99.9	78.5	45.8	21.0	8.24	1.17	0.02	973	963
-60	0.00	0.18	2.51	8.63	19.0	28.1	30.1	29.0	24.9	24.8	28.6	30.9	30.3	21.5	11.2	4.16	0.47	0.01	294	244
-70	0.00	0.03	0.37	1.99	5.09	7.30	7.51	7.17	6.33	6.38	7.33	8.02	8.38	6.38	3.17	0.92	0.08	0.01	76.5	0.00
-80	0.00	0.01	0.02	0.07	0.20	0.35	0.43	0.48	0.48	0.50	0.55	0.55	0.53	0.36	0.14	0.04	0.02	0.00	4.75	0.00
-90	0.00	0.01	0.02	0.07	0.20	0.35	0.43	0.48	0.48	0.50	0.55	0.55	0.53	0.36	0.14	0.04	0.02	0.00	4.75	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90			
Φ t	0.23	11.2	64.6	156	319	520	690	839	898	908	864	734	578	365	188	83.3	16.8	0.52	7237	---
Φ a	0.00	0.00	18.3	102	258	450	614	756	808	817	778	655	508	306	134	40.0	0.00	0.00	---	6243

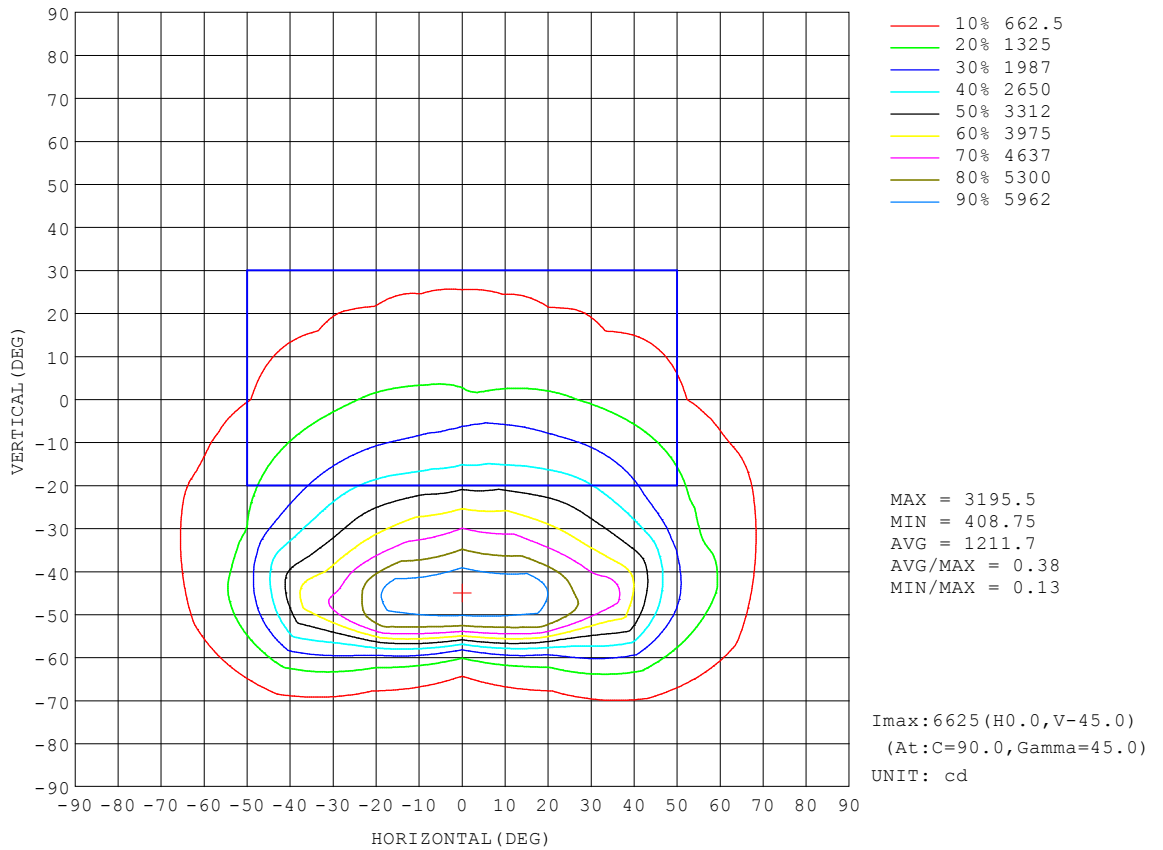
one-half-peak spread: U:10.9,D:24.3 , L:45.1,R:44.4 IESNA Beam Type: Type 7 x 5 (H x V)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:22 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

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SPEC.:	DIM.: 0.225*0.290*0.055	SERIAL No.:
MFR.: Shenzhen Brillloop Lighting	SUR.:0.18*0.17	Shielding Angle:

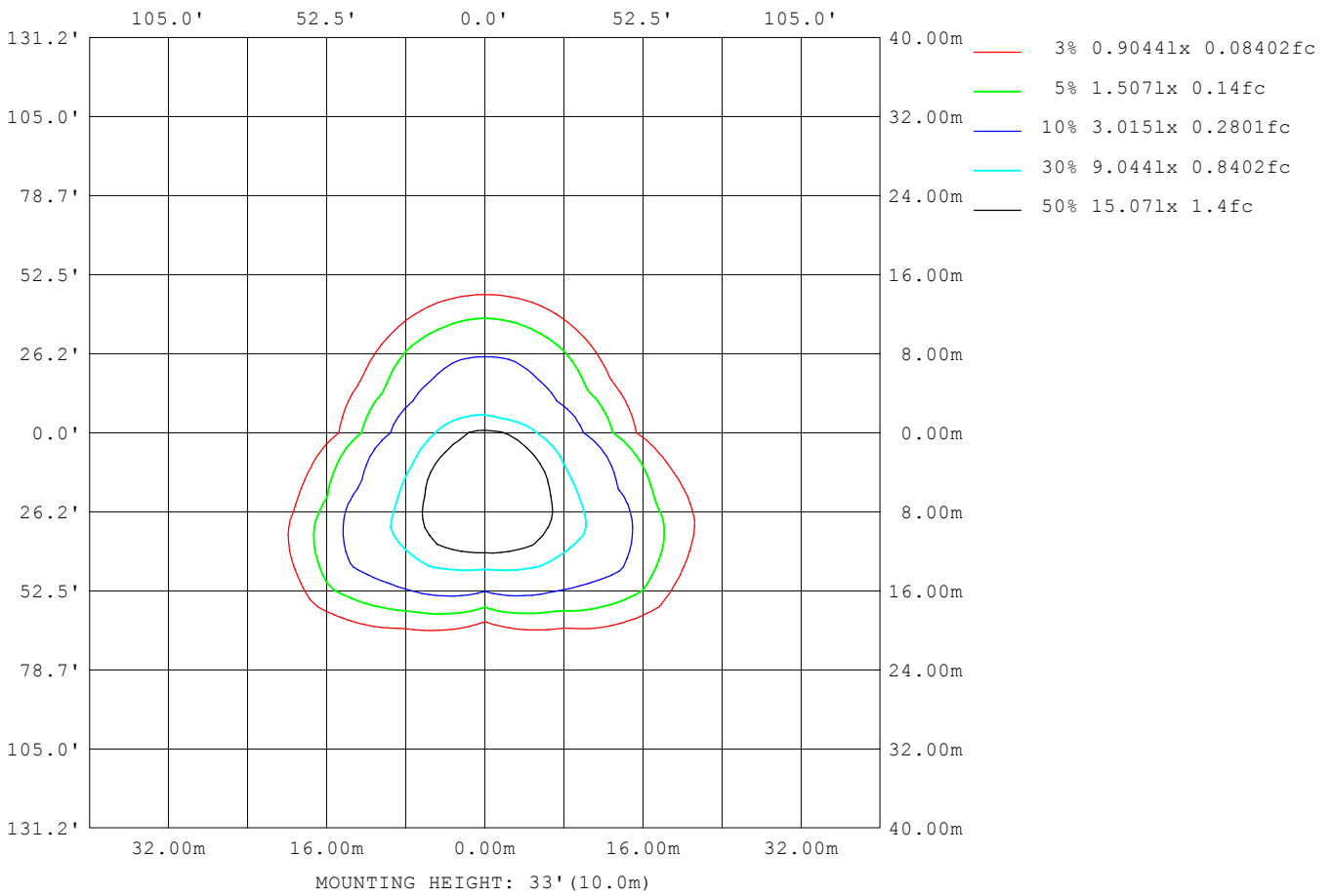


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ISOLUX DIAGRAM

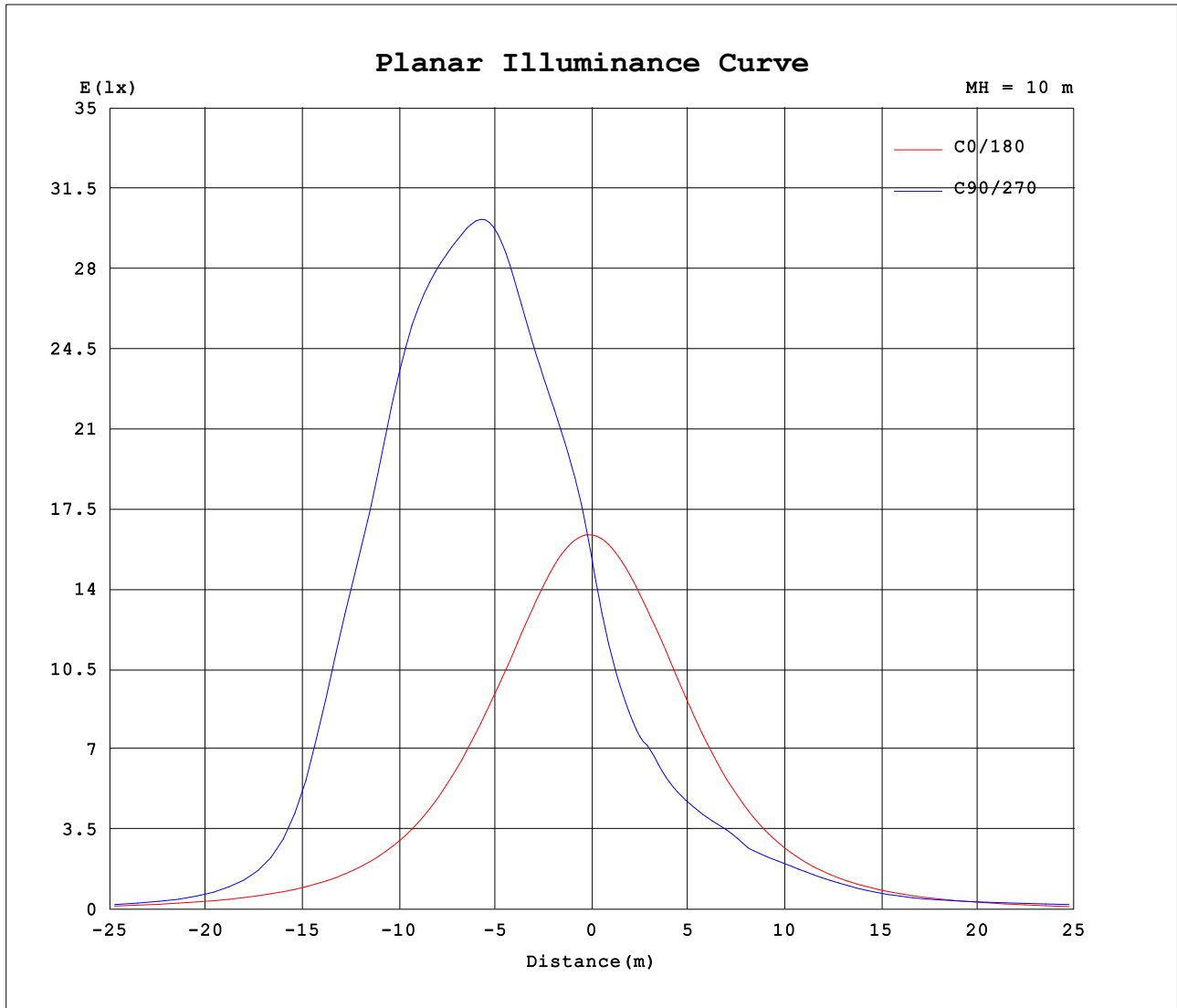
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 Remarks:

Planar Illuminance Curve

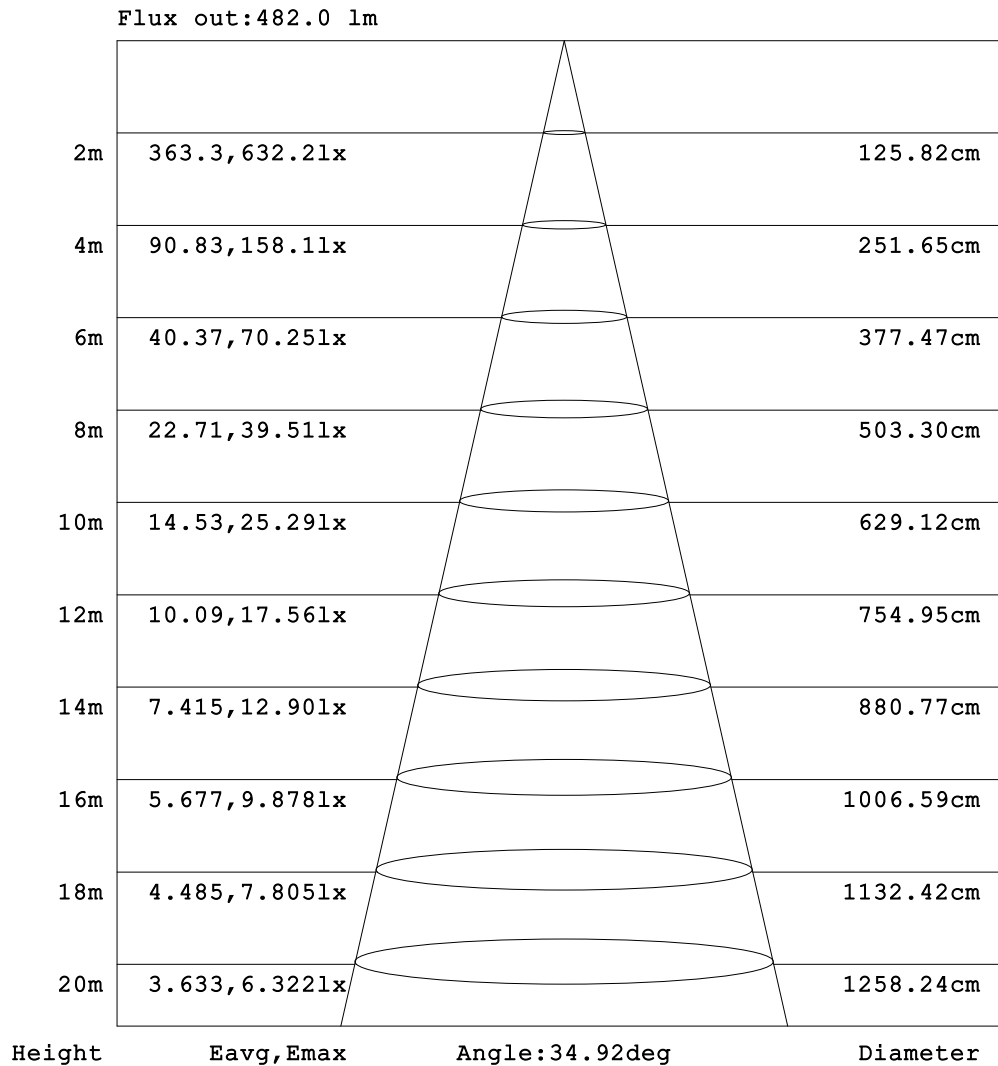


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AAI Figure

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SPEC.:	DIM.: 0.225*0.290*0.055	SERIAL No.:
MFR.: Shenzhen Brillloop Lighting	SUR.:0.18*0.17	Shielding Angle:



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

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 Test Date:22 March 2018

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LUMINOUS DISTRIBUTION INTENSITY DATA

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MFR.: Shenzhen Brillloop Lighting	SUR.:0.18*0.17	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	0.77	1.14	1.63	2.26	3.00	3.78	4.62	5.44	6.25	7.01	7.75	8.44	9.11	9.70	10.2	10.6	10.9	11.1	11.1
-170	0.77	1.12	1.57	2.13	2.76	3.39	4.02	4.59	5.12	5.55	5.90	6.16	6.29	6.30	6.44	6.70	6.79	6.87	7.11
-160	0.77	1.09	1.48	1.95	2.45	2.92	3.34	3.68	3.93	4.07	4.07	4.37	4.63	4.82	4.96	5.12	5.19	5.26	5.30
-150	0.77	1.05	1.37	1.74	2.12	2.44	2.67	2.82	2.87	3.15	3.39	3.58	3.71	3.82	3.95	4.02	4.05	4.12	4.12
-140	0.77	1.00	1.25	1.52	1.78	1.97	2.09	2.21	2.44	2.64	2.80	2.92	3.05	3.18	3.28	3.32	3.39	3.43	3.44
-130	0.77	0.94	1.13	1.31	1.46	1.57	1.66	1.85	2.03	2.17	2.28	2.41	2.55	2.68	2.78	2.85	2.91	2.95	2.97
-120	0.77	0.89	1.01	1.10	1.19	1.23	1.35	1.48	1.61	1.72	1.82	1.95	2.05	2.15	2.23	2.28	2.32	2.34	2.34
-110	0.77	0.84	0.89	0.93	0.95	0.97	1.06	1.13	1.21	1.27	1.35	1.43	1.51	1.59	1.65	1.70	1.74	1.77	1.79
-100	0.77	0.78	0.79	0.79	0.77	0.77	0.80	0.82	0.85	0.88	0.92	0.95	0.99	1.02	1.05	1.08	1.11	1.13	1.14
-90	0.77	0.74	0.71	0.68	0.64	0.64	0.67	0.70	0.72	0.75	0.81	0.86	0.92	0.98	1.02	1.05	1.07	1.10	1.13
-80	0.77	0.75	1.03	1.62	2.58	3.91	6.34	13.2	27.5	45.9	61.8	69.9	73.2	71.8	70.3	70.8	69.0	65.1	59.4
-70	0.77	0.93	2.00	4.31	20.0	78.5	160	265	380	501	577	601	592	550	497	481	448	399	339
-60	0.77	1.21	3.57	28.8	125	304	507	717	969	1310	1726	1855	1905	1887	1837	1862	1818	1642	1363
-50	0.77	1.55	8.83	82.4	262	538	840	1158	1613	2279	3185	3897	4469	5041	5571	5884	5966	6014	6008
-40	0.77	1.96	21.0	135	367	666	987	1242	1759	2572	3359	3770	4136	4691	5212	5684	5740	5877	6104
-30	0.77	2.35	32.1	168	405	688	905	1068	1346	1963	2408	2784	3131	3493	3820	4093	4304	4430	4642
-20	0.77	2.64	37.0	171	380	620	760	947	1201	1452	1698	2041	2348	2601	2787	2910	3009	3068	3185
-10	0.77	2.78	34.3	145	307	488	609	771	957	1147	1336	1515	1671	1803	1926	2021	2112	2166	2239
0	0.77	2.77	25.6	98.4	202	331	429	530	640	763	897	1036	1173	1301	1410	1492	1564	1613	1637
10	0.77	2.71	24.4	94.9	195	317	404	486	565	644	722	797	839	856	903	944	946	959	945
20	0.77	2.52	20.5	83.2	175	288	365	430	480	519	547	603	654	675	689	721	728	735	730
30	0.77	2.19	14.9	65.1	145	238	318	372	409	452	505	547	570	586	610	624	632	637	640
40	0.77	1.80	8.99	43.6	105	179	260	313	361	403	440	490	535	549	553	555	575	578	573
50	0.77	1.43	4.92	22.8	63.1	118	177	240	287	329	366	397	424	452	481	502	515	524	528
60	0.77	1.17	2.87	8.22	25.7	56.5	95.0	138	182	221	253	278	298	315	329	349	362	370	374
70	0.77	0.99	1.66	3.06	5.74	13.4	26.3	43.4	63.0	85.5	118	150	180	198	222	282	340	397	453
80	0.77	0.92	1.16	1.45	1.87	2.42	3.15	4.23	5.83	7.92	11.0	15.3	22.7	32.3	45.8	52.7	55.9	55.9	53.5
90	0.77	0.98	1.18	1.39	1.59	1.75	1.86	1.97	2.08	2.19	2.01	1.83	1.66	1.48	1.35	1.27	1.19	1.11	1.03
100	0.77	1.04	1.36	1.72	2.11	2.53	2.95	3.42	3.94	4.49	4.53	4.50	4.47	4.43	4.35	4.21	4.02	3.80	3.54
110	0.77	1.11	1.53	2.06	2.71	3.45	4.26	5.19	6.22	7.34	8.09	8.62	9.17	9.72	10.2	10.3	10.4	10.3	10.1
120	0.77	1.16	1.70	2.40	3.27	4.32	5.52	6.88	8.40	10.0	11.7	12.8	13.9	15.1	16.4	16.9	17.3	17.6	17.8
130	0.77	1.20	1.82	2.66	3.73	5.00	6.46	8.13	9.97	11.9	13.9	15.5	17.0	18.5	19.9	20.9	21.6	22.2	22.8
140	0.77	1.23	1.90	2.82	4.01	5.39	6.97	8.76	10.7	12.7	14.6	16.5	18.2	19.6	20.8	21.8	22.3	22.7	23.0
150	0.77	1.23	1.92	2.87	4.06	5.45	7.03	8.79	10.7	12.7	14.5	16.4	18.4	20.1	21.1	22.1	22.8	22.9	23.0
160	0.77	1.22	1.88	2.78	3.89	5.16	6.61	8.20	9.92	11.6	13.3	14.7	16.1	17.4	18.5	18.9	19.3	19.2	19.1
170	0.77	1.19	1.78	2.57	3.52	4.59	5.77	7.03	8.34	9.61	10.8	11.8	12.6	13.3	13.9	14.4	14.8	14.7	14.0
180	0.77	1.14	1.63	2.26	3.00	3.78	4.62	5.44	6.25	7.01	7.75	8.44	9.11	9.70	10.2	10.6	10.9	11.1	11.1

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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	11.0	10.8	10.5	10.1	9.62	9.07	8.47	7.80	7.07	6.31	5.49	4.67	3.84	3.03	2.27	1.64	1.15	0.96	
-170	7.52	7.65	7.63	7.42	7.15	6.90	6.59	6.22	5.76	5.26	4.70	4.09	3.45	2.79	2.14	1.58	1.13	0.96	
-160	5.43	5.47	5.48	5.38	5.33	5.17	4.89	4.54	4.37	4.13	3.81	3.43	2.98	2.48	1.97	1.49	1.10	0.96	
-150	4.18	4.16	4.16	4.13	4.02	3.95	3.85	3.65	3.39	3.07	2.95	2.76	2.49	2.14	1.76	1.38	1.05	0.96	
-140	3.44	3.41	3.36	3.34	3.27	3.14	3.01	2.91	2.74	2.54	2.31	2.15	2.01	1.80	1.54	1.26	1.00	0.96	
-130	2.95	2.90	2.83	2.76	2.66	2.54	2.40	2.29	2.20	2.06	1.89	1.70	1.59	1.48	1.31	1.14	0.95	0.96	
-120	2.32	2.28	2.22	2.16	2.09	2.01	1.90	1.78	1.69	1.59	1.48	1.35	1.24	1.19	1.11	1.02	0.90	0.96	
-110	1.77	1.73	1.68	1.62	1.55	1.48	1.39	1.30	1.22	1.17	1.11	1.04	0.97	0.95	0.94	0.89	0.85	0.96	
-100	1.12	1.10	1.07	1.04	1.00	0.96	0.92	0.88	0.84	0.82	0.80	0.79	0.76	0.77	0.79	0.80	0.84	0.96	
-90	1.14	1.15	1.16	1.17	1.18	1.20	1.21	1.23	1.24	1.23	1.21	1.19	1.17	1.14	1.10	1.05	1.01	0.96	
-80	67.2	73.1	77.0	78.3	86.0	94.3	93.4	88.3	78.4	56.8	35.8	17.0	8.04	4.50	3.09	2.04	1.33	0.96	
-70	399	448	482	500	570	634	661	649	588	484	377	267	168	67.8	13.5	3.80	1.84	0.96	
-60	1629	1793	1829	1808	1960	2042	2012	1881	1472	1146	905	696	482	227	75.2	9.37	2.48	0.96	
-50	6035	6012	5957	5721	5283	4760	4266	3605	2632	1892	1430	1117	747	402	155	30.2	3.18	0.96	
-40	5944	5871	5876	5474	5041	4624	4344	3834	2944	2094	1555	1281	895	515	223	52.1	3.92	0.96	
-30	4519	4480	4317	4084	3822	3518	3203	2824	2336	1642	1334	1144	899	549	257	68.3	4.96	0.96	
-20	3154	3162	3093	3005	2873	2664	2383	2043	1749	1448	1164	934	776	506	250	72.8	5.68	0.96	
-10	2261	2268	2210	2136	2034	1913	1750	1556	1344	1126	907	726	590	401	207	65.4	5.86	0.96	
0	1633	1601	1537	1454	1357	1250	1123	984	847	718	598	485	378	257	141	49.4	5.64	0.96	
10	928	903	895	856	836	859	828	767	697	620	537	449	358	246	135	47.0	5.48	0.96	
20	729	719	710	682	675	652	608	561	547	514	465	400	324	220	119	40.7	5.05	0.96	
30	638	633	627	614	591	578	558	518	468	426	394	345	280	184	97.4	31.4	4.39	0.96	
40	578	572	559	560	557	540	494	455	420	378	331	285	215	139	70.0	21.0	3.59	0.96	
50	525	518	506	487	461	436	412	383	345	305	263	207	149	90.3	41.6	11.7	2.84	0.96	
60	371	365	353	335	324	310	291	268	240	204	164	119	79.5	43.9	18.5	5.31	2.16	0.96	
70	399	345	289	231	208	193	165	133	102	79.9	59.5	40.9	24.8	12.6	5.44	2.92	1.61	0.96	
80	57.5	59.1	57.6	52.5	40.0	29.8	21.4	15.7	11.9	9.34	6.81	4.77	3.59	2.65	1.99	1.56	1.24	0.96	
90	1.10	1.18	1.26	1.33	1.43	1.55	1.68	1.80	1.92	1.80	1.67	1.55	1.42	1.32	1.23	1.14	1.05	0.96	
100	3.77	3.97	4.13	4.25	4.25	4.19	4.11	4.04	3.93	3.40	2.91	2.46	2.06	1.72	1.44	1.19	0.99	0.96	
110	10.2	10.2	10.0	9.83	9.26	8.57	7.89	7.24	6.46	5.40	4.44	3.57	2.81	2.23	1.75	1.35	1.03	0.96	
120	17.5	17.0	16.5	15.8	14.4	13.1	11.8	10.6	8.93	7.35	5.93	4.66	3.57	2.74	2.05	1.51	1.09	0.96	
130	22.2	21.5	20.8	19.6	17.9	16.2	14.6	12.7	10.7	8.75	7.00	5.46	4.23	3.19	2.32	1.64	1.13	0.96	
140	22.2	21.5	20.8	19.4	18.0	16.5	14.9	13.0	11.1	9.13	7.34	5.91	4.65	3.51	2.52	1.73	1.17	0.96	
150	22.0	21.1	19.7	18.2	16.7	15.1	13.5	11.9	10.2	8.50	7.26	6.03	4.81	3.64	2.61	1.78	1.19	0.96	
160	18.1	17.2	16.2	15.2	14.0	12.7	11.4	10.1	9.13	8.07	6.97	5.84	4.70	3.59	2.60	1.78	1.19	0.96	
170	13.2	12.5	11.8	11.0	10.5	10.2	9.75	9.09	8.26	7.33	6.36	5.36	4.36	3.38	2.48	1.73	1.18	0.96	
180	11.0	10.8	10.5	10.1	9.62	9.07	8.47	7.80	7.07	6.31	5.49	4.67	3.84	3.03	2.27	1.64	1.15	0.96	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:22 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: