

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

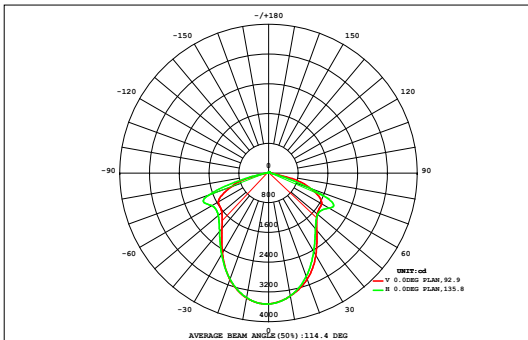
Maximum Intensity (Luminaire orientation as tested.)		377.7 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of I _{max} At 50% of I _{max} At 90% of I _{max}	154.1V x 155.7H 135.8V x 92.9H 32.4V x 33.7H
Beam Flux	Total To 10% of I _{max} To 50% of I _{max} To 90% of I _{max}	1000.0 lumens per klm. 974.2 lumens per klm. 723.2 lumens per klm. 95.8 lumens per klm.
	Upward LOR Downward LOR	0.9 % 99.1 %
Luminaire Efficiency (Light Output Ratio)		100.0 %

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 28.6DEG
Operators: wudashuai
Test Date: 2021-11-05

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.364
Humidity: 66%
Test Distance: 6.500m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:121.7V I:0.5160A P:62.40W PF:0.9938 Freq:59.98Hz Lamp Flux:9331.93x1 lm		
NAME: ASD Lighting Corp	TYPE:	WEIGHT:
SPEC.:ASD-CAN07-70DAC-BZ-4000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.22	Shielding Angle:



DATA OF LAMP		Eff:149.55lm/W	
MODEL ASD-CAN07-70DAC-BZ-4000K			3524
NOMINAL POWER (W)	65	AVAILABILITY (%)	97.4
RATED VOLTAGE (V)	120-277	Avai. FLUX (lm)	9089
NOMINAL FLUX (lm)	9331.93	LOR (%)	100.0
LAMPS INSIDE	1	TOTAL FLUX (lm)	9332
TEST VOLTAGE (V)	120	θ @50% (H,V)	93,136DEG

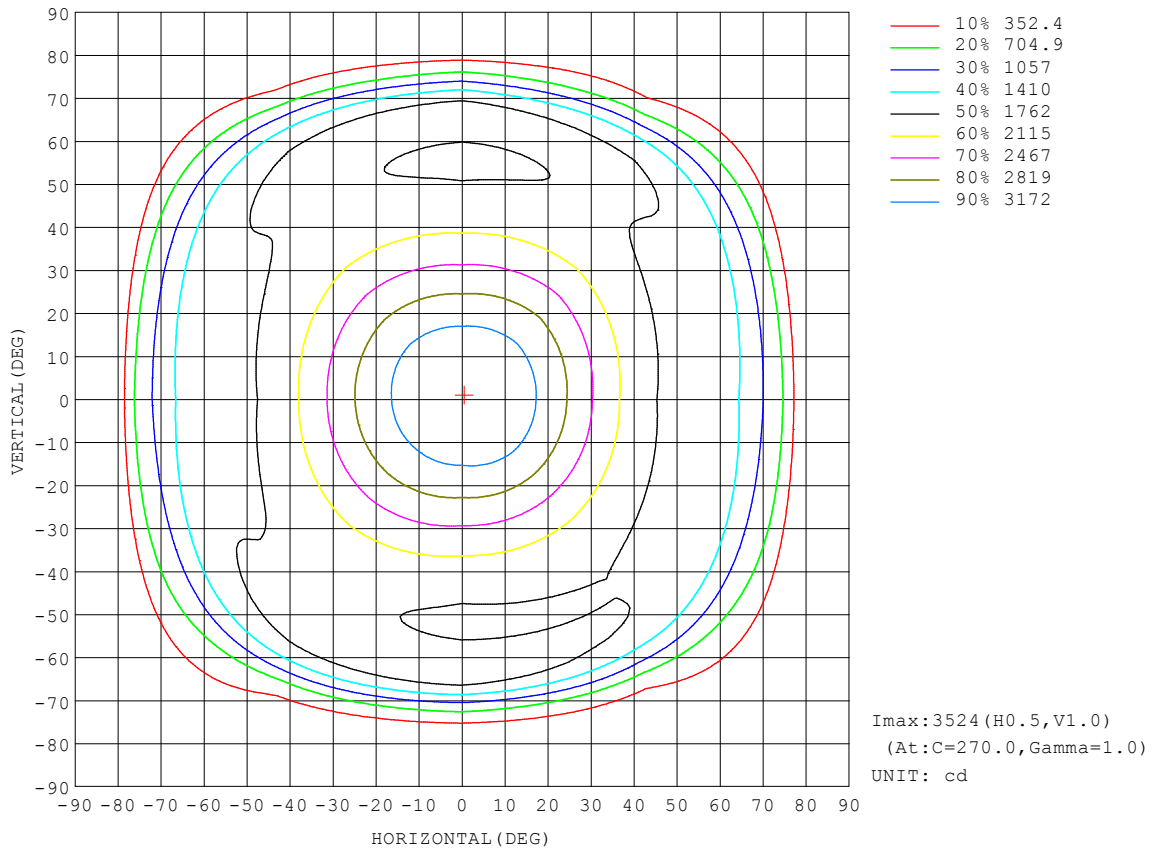
VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a	
	0.05	0.21	0.48	0.84	1.27	1.77	2.29	2.76	3.11	3.04	2.56	1.98	1.40	0.91	0.56	0.29	0.11	0.03	23.6	0.00	
80	0.08	0.48	1.37	2.87	5.21	9.70	16.0	22.1	26.6	26.0	20.6	14.0	7.93	4.10	2.25	1.02	0.32	0.04	161	128	
70	0.11	0.88	3.27	9.66	20.9	35.2	46.1	52.5	55.5	55.2	51.4	43.7	31.0	16.4	7.15	2.47	0.65	0.07	432	422	
60	0.16	1.48	7.89	21.2	36.0	45.2	49.5	52.0	53.0	53.0	51.9	49.4	44.7	33.9	17.9	5.90	1.12	0.10	524	520	
50	0.20	2.60	13.1	27.9	38.3	44.9	50.3	55.0	57.5	57.4	54.6	49.9	44.6	37.7	26.0	10.8	1.86	0.14	573	570	
40	0.25	4.01	16.5	29.7	38.0	46.5	56.0	64.3	69.0	69.0	64.1	55.6	45.8	37.3	28.6	14.6	2.99	0.17	642	640	
30	0.29	5.20	18.3	29.8	38.4	50.1	64.6	77.2	84.1	84.2	77.4	64.4	49.3	37.4	28.9	16.7	4.09	0.21	731	729	
	0.31	5.99	19.1	29.7	39.3	54.1	72.5	88.5	97.2	97.5	89.0	72.2	53.1	38.2	28.6	17.6	4.86	0.23	808	807	
	0.33	6.39	19.2	29.4	39.8	56.5	76.9	93.9	104	105	94.7	76.3	55.1	38.6	28.2	17.7	5.28	0.25	847	846	
	0.33	6.33	19.2	29.4	39.7	56.3	76.4	93.2	103	104	94.2	75.6	54.6	38.4	28.1	17.6	5.23	0.24	842	841	
	0.31	5.80	18.9	29.8	39.1	53.4	71.3	86.6	95.3	95.8	86.9	69.9	51.9	37.8	28.4	17.2	4.73	0.23	793	792	
	0.28	4.93	17.8	30.0	38.3	49.3	62.9	74.9	81.5	81.3	74.0	61.3	47.9	37.0	28.5	15.9	3.91	0.20	710	708	
-30	0.24	3.76	15.4	29.8	38.3	46.1	54.6	62.1	66.2	65.8	61.1	53.3	44.7	36.8	27.8	13.3	2.82	0.17	622	620	
-40	0.19	2.42	11.4	26.8	38.8	45.5	50.0	53.7	55.5	55.3	52.9	48.8	43.8	36.6	23.7	9.44	1.73	0.13	557	554	
-50	0.15	1.35	6.64	17.7	33.9	45.6	50.9	53.2	53.9	53.6	52.3	49.3	42.6	29.6	14.5	5.09	1.02	0.09	511	507	
-60	0.11	0.79	2.77	7.16	14.7	27.7	40.1	48.4	52.7	52.0	46.2	36.4	23.1	11.3	5.52	2.08	0.58	0.06	372	358	
-70	0.07	0.41	1.11	2.17	3.46	5.55	8.66	11.9	14.1	13.7	11.0	7.60	4.67	2.79	1.68	0.81	0.26	0.04	90.0	48.2	
-80	0.04	0.16	0.33	0.54	0.74	0.97	1.18	1.34	1.40	1.35	1.20	0.98	0.73	0.50	0.34	0.19	0.09	0.02	12.1	0.00	
-90																					
	Φ t	3.48	53.2	193	354	504	674	850	993	1074	1073	986	831	647	475	327	168	41.6	2.42	9251	---
	Φ a	0.00	41.9	184	345	494	664	841	984	1065	1064	977	821	637	465	317	159	29.7	0.00	---	9089

one-half-peak spread: U:3.6,D:3.5 , L:49.4,R:44.9 NEMA Beam Type: Type 7

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:28.6DEG
 Operators:wudashuai
 Test Date:2021-11-05
 γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
 Humidity:66%
 Test Distance:6.500m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

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SPEC.:ASD-CAN07-70DAC-BZ-4000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:0.22	Shielding Angle:

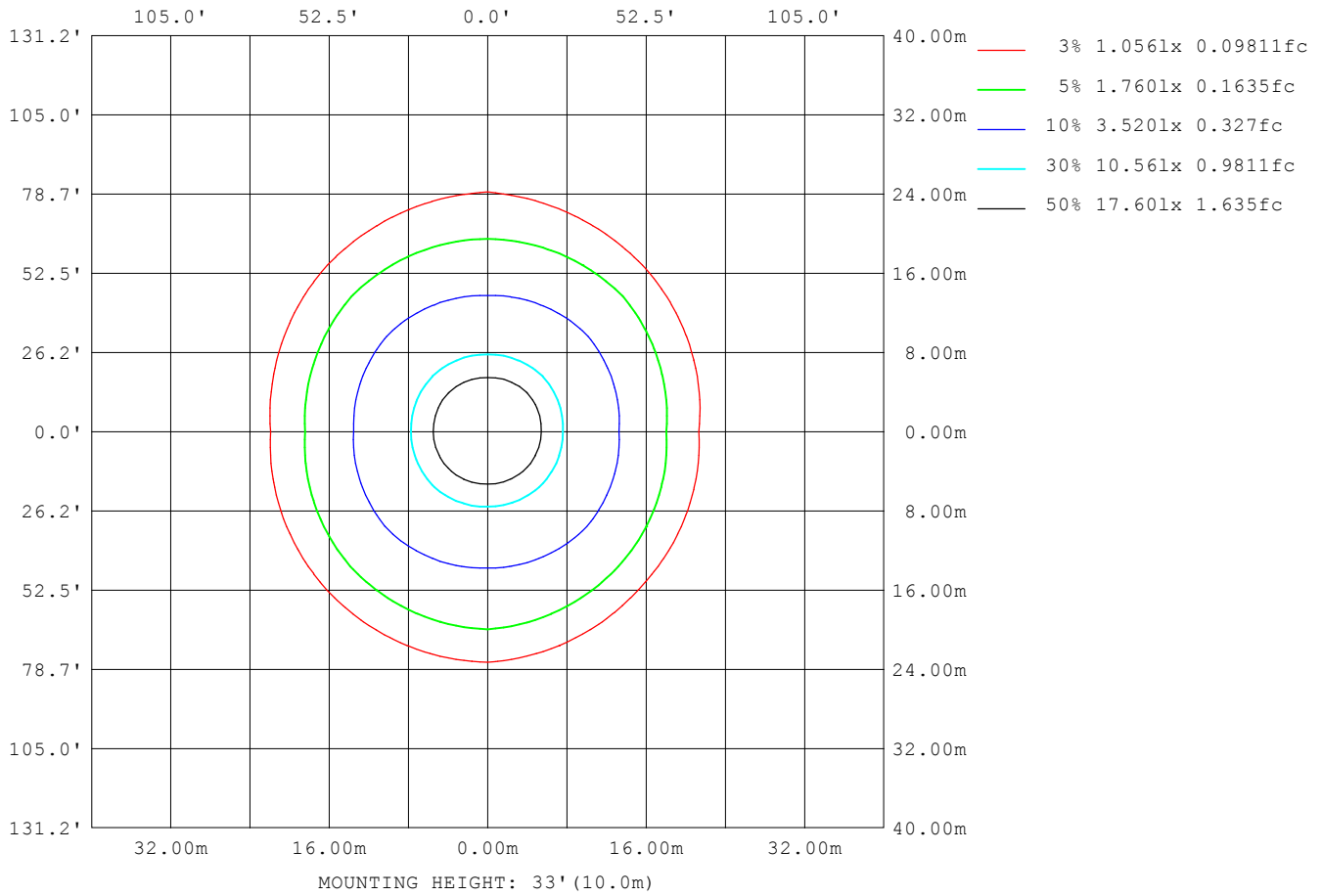


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ISOLUX DIAGRAM

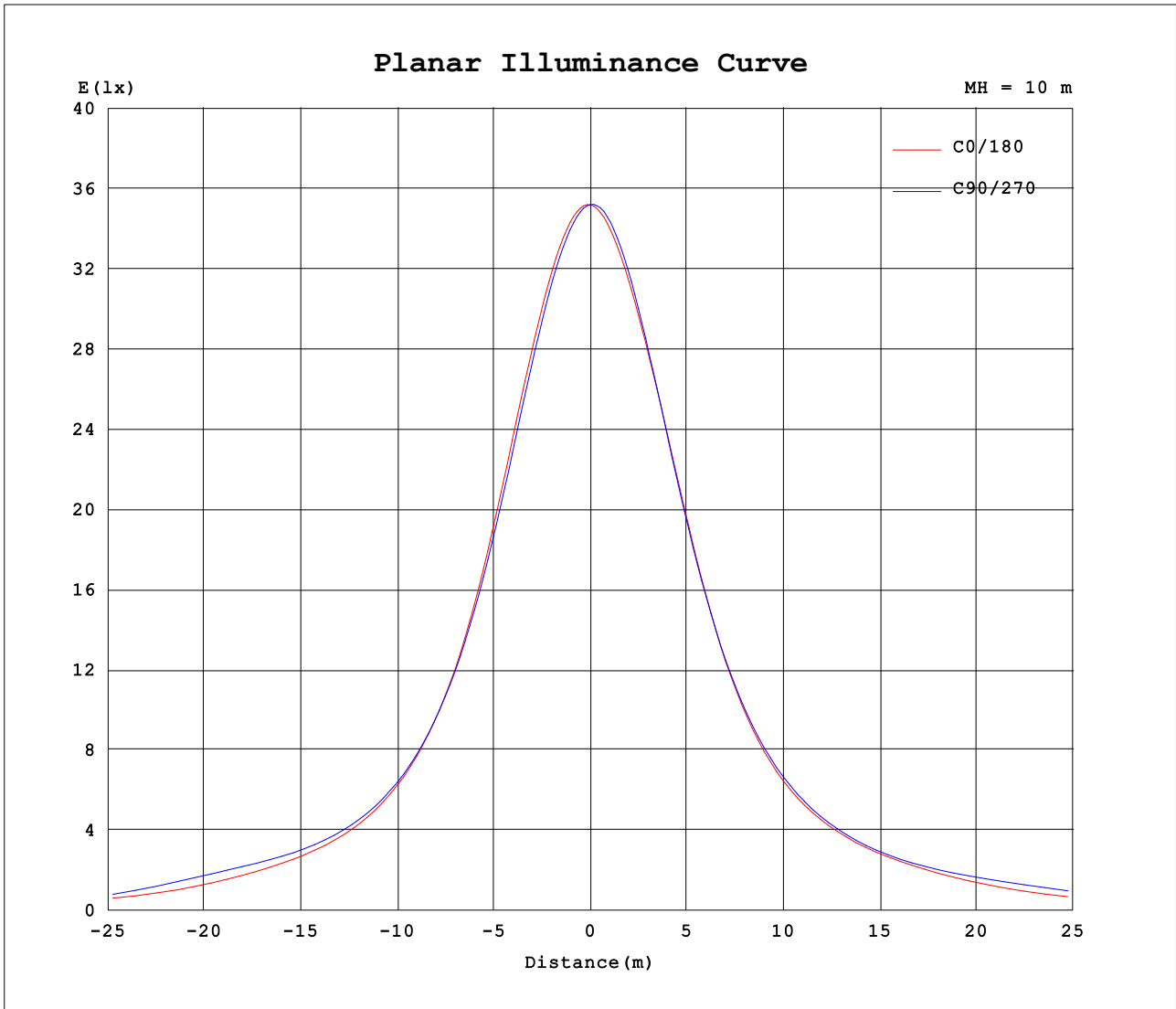
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Planar Illuminance Curve

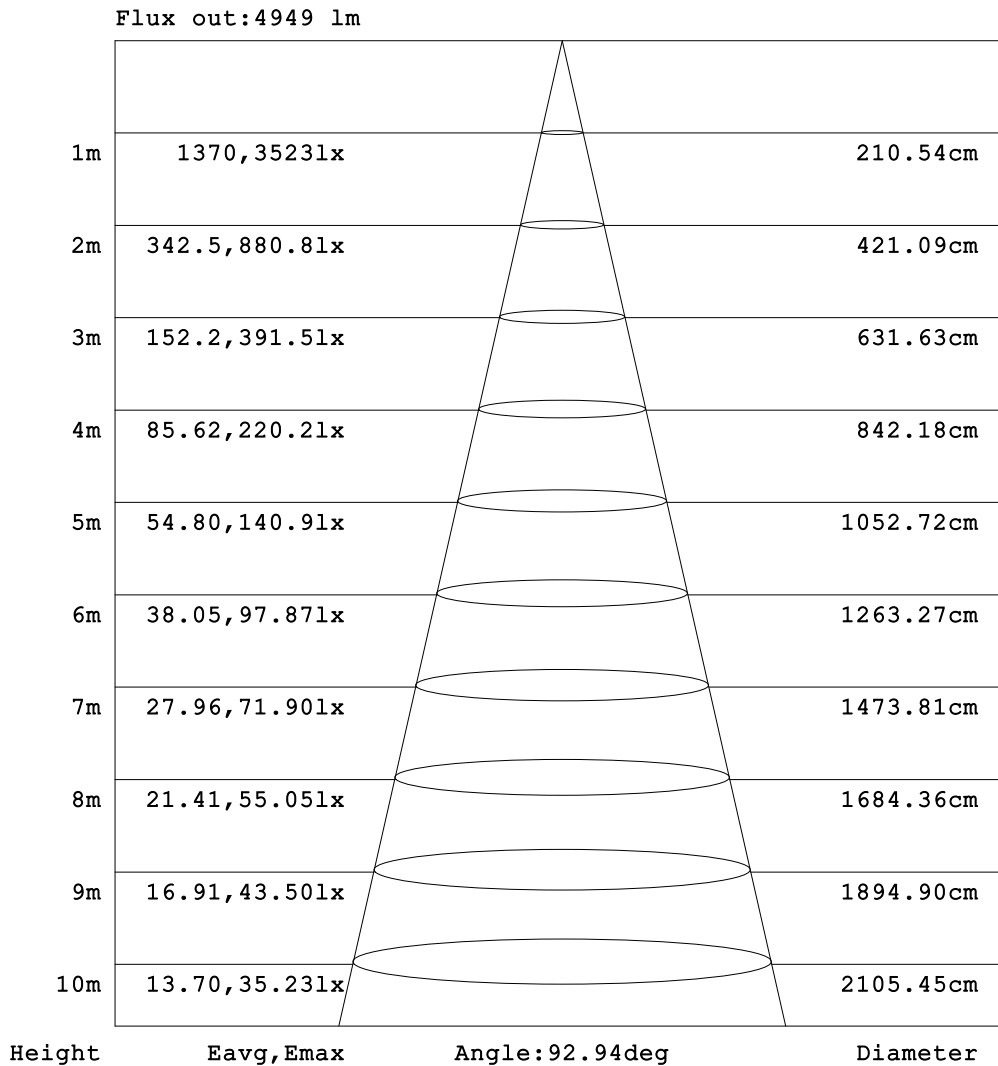


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AAI Figure

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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.: ASD Lighting Corp	SUR.:0.22	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	11.1	5.43	6.34	7.55	8.75	9.95	11.2	12.5	14.1	15.8	17.5	18.9	20.1	21.1	22.0	22.8	23.5	24.0	24.3
-170	11.1	5.44	6.33	7.54	8.74	9.93	11.1	12.5	14.0	15.7	17.3	18.7	19.9	20.9	21.7	22.3	22.8	23.3	23.7
-160	11.1	5.44	6.26	7.41	8.57	9.73	10.9	12.1	13.5	14.9	16.5	17.9	19.1	20.1	20.9	21.4	21.9	22.3	22.5
-150	11.1	5.43	6.12	7.18	8.27	9.33	10.4	11.5	12.6	13.8	15.1	16.4	17.5	18.6	19.4	20.1	20.5	20.8	21.0
-140	11.1	5.45	5.94	6.85	7.82	8.78	9.72	10.7	11.6	12.5	13.5	14.4	15.4	16.2	17.0	17.7	18.2	18.5	18.7
-130	11.1	5.57	5.74	6.43	7.26	8.08	8.87	9.65	10.4	11.1	11.8	12.5	13.1	13.7	14.2	14.6	15.0	15.3	15.4
-120	11.1	5.97	5.53	6.00	6.59	7.24	7.88	8.50	9.09	9.65	10.2	10.6	11.1	11.4	11.8	12.0	12.3	12.4	12.5
-110	11.1	6.70	5.55	5.60	5.94	6.33	6.77	7.21	7.64	8.05	8.42	8.75	9.05	9.31	9.54	9.73	9.89	10.0	10.1
-100	11.1	8.01	6.55	5.83	5.58	5.61	5.76	5.95	6.15	6.36	6.56	6.75	6.93	7.09	7.24	7.37	7.48	7.57	7.64
-90	11.1	10.7	10.3	9.86	9.46	9.05	8.65	8.24	7.84	7.44	7.32	7.20	7.09	6.97	6.86	6.74	6.62	6.51	6.39
-80	11.1	17.4	24.8	32.9	41.2	49.3	56.9	64.6	71.0	75.7	84.0	92.4	101	108	115	121	125	127	127
-70	11.1	26.0	45.9	69.2	98.3	129	162	210	259	286	350	466	604	745	880	990	1074	1128	1151
-60	11.1	35.7	71.0	122	185	323	496	639	890	1206	1491	1698	1826	1882	1901	1901	1894	1888	1887
-50	11.1	45.5	103	188	419	679	964	1333	1636	1794	1850	1853	1825	1798	1778	1765	1754	1743	1730
-40	11.1	55.0	137	309	702	1023	1414	1688	1781	1797	1798	1815	1837	1864	1898	1933	1959	1971	1965
-30	11.1	63.7	167	511	909	1298	1623	1740	1752	1766	1812	1894	2002	2119	2227	2324	2395	2433	2433
-20	11.1	70.7	196	686	1066	1447	1674	1719	1732	1787	1897	2055	2244	2444	2630	2778	2885	2949	2964
-10	11.1	75.2	218	780	1157	1503	1671	1691	1726	1823	1987	2206	2457	2707	2924	3097	3228	3319	3356
0	11.1	77.1	228	833	1189	1500	1650	1666	1715	1831	2021	2267	2546	2815	3040	3218	3362	3468	3520
10	11.1	75.8	221	793	1182	1509	1666	1687	1727	1830	2001	2226	2483	2739	2963	3145	3286	3369	3407
20	11.1	71.8	201	706	1123	1474	1667	1707	1728	1793	1917	2088	2289	2500	2697	2850	2959	3024	3039
30	11.1	65.2	173	532	995	1369	1629	1723	1735	1761	1823	1922	2049	2182	2301	2404	2482	2526	2532
40	11.1	56.8	143	327	775	1156	1499	1691	1757	1769	1781	1814	1856	1901	1952	2000	2036	2057	2057
50	11.1	47.5	109	203	459	808	1155	1482	1690	1783	1814	1809	1790	1779	1777	1779	1781	1780	1774
60	11.1	37.7	76.8	134	209	372	613	885	1179	1458	1680	1786	1826	1832	1823	1806	1790	1776	1766
70	11.1	28.0	50.8	78.7	114	155	202	269	357	448	618	837	1043	1222	1369	1486	1574	1641	1687
80	11.1	19.1	28.9	39.9	51.5	63.7	76.6	89.6	102	114	131	149	168	186	205	223	239	251	261
90	11.1	11.8	12.5	13.2	13.9	14.7	15.4	16.1	16.8	17.5	17.5	17.4	17.4	17.3	17.3	17.2	17.2	17.1	17.1
100	11.1	8.58	7.12	6.15	5.58	5.32	5.31	5.40	5.50	5.60	5.76	5.91	6.05	6.17	6.29	6.38	6.47	6.53	6.58
110	11.1	6.98	5.55	5.39	5.62	5.91	6.23	6.57	6.90	7.22	7.56	7.89	8.19	8.45	8.68	8.86	9.01	9.12	9.19
120	11.1	6.08	5.40	5.77	6.26	6.81	7.37	7.93	8.46	8.93	9.36	9.79	10.2	10.5	10.8	11.0	11.2	11.4	11.4
130	11.1	5.58	5.61	6.21	6.95	7.71	8.46	9.14	9.79	10.4	11.0	11.5	12.1	12.6	13.1	13.5	13.8	14.1	14.2
140	11.1	5.42	5.83	6.66	7.57	8.49	9.35	10.2	11.0	11.8	12.6	13.5	14.4	15.2	16.0	16.7	17.2	17.5	17.7
150	11.1	5.40	6.03	7.03	8.08	9.10	10.1	11.1	12.1	13.2	14.4	15.6	16.8	17.8	18.7	19.4	19.9	20.3	20.4
160	11.1	5.41	6.19	7.31	8.45	9.56	10.6	11.8	13.1	14.5	16.0	17.4	18.6	19.7	20.4	21.1	21.6	21.9	22.1
170	11.1	5.43	6.30	7.49	8.68	9.85	11.0	12.3	13.8	15.4	17.1	18.5	19.7	20.7	21.5	22.2	22.8	23.2	23.5
180	11.1	5.43	6.34	7.55	8.75	9.95	11.2	12.5	14.1	15.8	17.5	18.9	20.1	21.1	22.0	22.8	23.5	24.0	24.3

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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	24.0	23.6	23.0	22.3	21.5	20.6	19.5	18.1	16.6	14.9	13.4	12.0	10.7	9.49	8.28	7.16	6.28	7.83	
-170	23.4	22.9	22.5	21.9	21.2	20.3	19.2	17.9	16.3	14.7	13.2	11.9	10.7	9.44	8.24	7.15	6.27	7.83	
-160	22.3	22.0	21.6	21.0	20.4	19.5	18.3	17.0	15.5	14.1	12.7	11.5	10.4	9.24	8.09	7.07	6.23	7.83	
-150	20.9	20.6	20.2	19.6	18.8	17.9	16.7	15.5	14.3	13.1	12.0	11.0	9.95	8.89	7.84	6.94	6.17	7.83	
-140	18.5	18.2	17.8	17.2	16.4	15.6	14.7	13.8	12.9	12.0	11.1	10.3	9.34	8.43	7.52	6.76	6.09	7.83	
-130	15.3	15.1	14.7	14.3	13.8	13.2	12.7	12.1	11.5	10.8	10.1	9.36	8.62	7.84	7.15	6.53	5.99	7.83	
-120	12.4	12.3	12.1	11.9	11.6	11.3	10.9	10.4	9.95	9.45	8.92	8.36	7.78	7.23	6.73	6.28	5.96	7.83	
-110	10.0	9.95	9.83	9.66	9.47	9.24	8.98	8.70	8.38	8.02	7.65	7.29	6.94	6.60	6.30	6.02	6.11	7.83	
-100	7.61	7.55	7.48	7.39	7.28	7.16	7.02	6.87	6.71	6.56	6.42	6.28	6.15	6.02	5.94	6.05	6.60	7.83	
-90	6.34	6.28	6.23	6.17	6.12	6.07	6.01	5.96	5.90	6.12	6.33	6.54	6.76	6.97	7.19	7.40	7.61	7.83	
-80	124	119	112	104	95.3	85.9	76.0	66.4	57.1	52.3	46.3	39.1	31.8	24.5	17.8	12.3	9.02	7.83	
-70	1098	1017	907	776	633	497	375	279	228	200	162	128	99.6	71.4	47.7	27.5	12.8	7.83	
-60	1875	1869	1861	1842	1790	1695	1512	1239	967	689	513	377	228	145	90.6	48.6	19.1	7.83	
-50	1735	1738	1740	1743	1752	1765	1774	1750	1655	1447	1122	790	559	283	147	74.0	26.7	7.83	
-40	1961	1940	1906	1864	1822	1787	1757	1731	1719	1685	1547	1222	863	559	219	102	34.5	7.83	
-30	2421	2369	2284	2177	2062	1947	1840	1755	1700	1678	1647	1483	1126	784	333	130	41.8	7.83	
-20	2955	2888	2762	2587	2383	2179	1994	1841	1727	1662	1641	1570	1288	930	487	153	47.5	7.83	
-10	3348	3279	3130	2922	2668	2394	2139	1927	1765	1659	1618	1580	1365	1020	598	170	51.3	7.83	
0	3501	3412	3259	3048	2784	2486	2198	1958	1771	1647	1594	1563	1373	1059	653	177	52.8	7.83	
10	3383	3307	3168	2971	2722	2444	2176	1950	1777	1666	1624	1588	1385	1047	605	172	51.7	7.83	
20	3031	2972	2867	2709	2491	2263	2051	1874	1746	1673	1653	1590	1343	981	499	157	48.4	7.83	
30	2528	2485	2405	2296	2169	2025	1890	1786	1720	1696	1673	1537	1218	846	347	134	43.0	7.83	
40	2054	2030	1989	1936	1881	1833	1790	1758	1746	1724	1619	1359	987	602	233	107	36.0	7.83	
50	1777	1775	1770	1767	1771	1786	1810	1808	1748	1603	1320	965	635	310	159	79.0	28.3	7.83	
60	1776	1789	1804	1817	1819	1795	1720	1542	1258	953	677	447	263	165	100	53.1	20.6	7.83	
70	1614	1520	1401	1250	1064	861	643	450	328	267	209	161	120	84.1	55.1	31.5	14.0	7.83	
80	247	231	211	190	167	147	126	106	88.4	78.1	66.9	54.5	43.6	33.0	23.1	14.9	9.73	7.83	
90	16.2	15.3	14.4	13.5	12.6	11.7	10.8	9.85	8.95	8.82	8.70	8.58	8.45	8.33	8.20	8.08	7.95	7.83	
100	6.58	6.56	6.53	6.47	6.41	6.33	6.24	6.14	6.04	5.99	5.94	5.89	5.83	5.78	5.83	6.11	6.75	7.83	
110	9.17	9.12	9.03	8.90	8.74	8.53	8.29	8.01	7.71	7.40	7.09	6.80	6.55	6.33	6.11	5.91	6.13	7.83	
120	11.4	11.3	11.2	11.0	10.8	10.5	10.2	9.84	9.45	9.00	8.50	7.96	7.42	6.93	6.53	6.17	5.93	7.83	
130	14.1	14.0	13.7	13.3	12.9	12.4	11.9	11.5	10.9	10.4	9.74	9.06	8.34	7.59	6.95	6.42	5.95	7.83	
140	17.6	17.3	16.9	16.3	15.6	14.7	13.9	13.1	12.3	11.6	10.8	10.00	9.14	8.23	7.36	6.66	6.05	7.83	
150	20.3	20.1	19.7	19.0	18.2	17.2	16.1	15.0	13.8	12.7	11.7	10.8	9.78	8.76	7.72	6.86	6.14	7.83	
160	22.0	21.8	21.3	20.8	20.1	19.1	18.0	16.6	15.2	13.8	12.5	11.4	10.3	9.15	8.01	7.01	6.21	7.83	
170	23.4	23.0	22.5	21.8	21.1	20.2	19.1	17.7	16.1	14.6	13.1	11.8	10.6	9.40	8.20	7.12	6.26	7.83	
180	24.0	23.6	23.0	22.3	21.5	20.6	19.5	18.1	16.6	14.9	13.4	12.0	10.7	9.49	8.28	7.16	6.28	7.83	

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:28.6DEG
 Operators:wudashuai
 Test Date:2021-11-05

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
 Humidity:66%
 Test Distance:6.500m [K=1.0000]
 Remarks: