

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

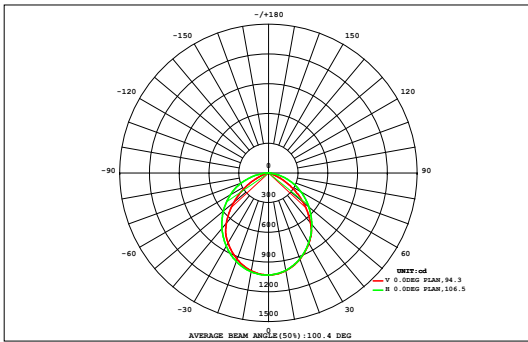
Maximum Intensity (Luminaire orientation as tested.)		422.9 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of Imax At 50% of Imax At 90% of Imax	158.5V x 134.5H 106.5V x 94.3H 42.3V x 40.2H
Beam Flux	Total To 10% of Imax To 50% of Imax To 90% of Imax	1000.1 lumens per klm. 981.2 lumens per klm. 718.3 lumens per klm. 160.9 lumens per klm.
	Upward LOR Downward LOR	0.0 % 100.0 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

C Range: 0 - 360DEG
C Interval: 15.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:袁冠彬
Test Date:2018-11-21

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
Humidity:65.0%
Test Distance:7.400m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.3V I:0.3335A P:39.92W PF:0.9955 Freq:59.98Hz Lamp Flux:2436.52x1 lm		
NAME: Rowan-36	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2018111903
MFR.: EVERFINE	SUR.:0.7*0.1	Shielding Angle:



DATA OF LAMP		Eff:61.03lm/W	
MODEL	RWNW073632LAJD2	Imax (cd)	1030
NOMINAL POWER (W)	40	AVAILABILITY (%)	98.1
RATED VOLTAGE (V)	120	Avai. FLUX (lm)	2389
NOMINAL FLUX (lm)	2436.52	LOR (%)	100.0
LAMPS INSIDE	1	TOTAL FLUX (lm)	2437
TEST VOLTAGE (V)	120.243	θ @50% (H, V)	94,106DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.00	0.01	0.03	0.06	0.09	0.14	0.39	0.87	1.28	1.22	0.73	0.32	0.13	0.08	0.05	0.03	0.01	0.00	5.45	0.33
80	0.00	0.03	0.08	0.16	0.47	1.56	3.35	5.24	6.02	5.91	4.94	3.01	1.34	0.42	0.16	0.08	0.03	0.01	32.8	27.0
70	0.01	0.05	0.14	0.60	2.14	4.91	7.93	10.2	11.1	11.1	10.0	7.58	4.54	1.92	0.54	0.14	0.05	0.01	72.9	69.3
60	0.01	0.06	0.32	1.62	4.58	8.43	12.2	14.5	15.7	15.6	14.4	11.9	8.06	4.29	1.50	0.31	0.06	0.01	114	111
50	0.01	0.08	0.66	2.95	6.91	11.6	15.8	18.5	20.0	19.9	18.4	15.6	11.3	6.63	2.79	0.63	0.09	0.01	152	150
40	0.01	0.12	1.07	4.17	8.90	14.4	19.0	22.1	23.9	23.8	22.0	18.8	14.1	8.68	4.03	1.04	0.12	0.01	186	185
30	0.01	0.16	1.48	5.12	10.5	16.5	21.5	25.2	27.2	27.2	25.1	21.3	16.3	10.3	5.00	1.46	0.17	0.02	214	213
	0.02	0.20	1.79	5.80	11.5	18.0	23.2	27.3	29.6	29.6	27.2	23.1	17.8	11.4	5.73	1.79	0.21	0.02	234	233
	0.02	0.22	1.92	6.11	12.1	18.6	24.0	28.4	30.8	30.8	28.3	24.0	18.6	12.1	6.11	1.96	0.23	0.02	244	243
	0.02	0.22	1.91	6.07	12.0	18.5	23.9	28.2	30.6	30.6	28.2	23.9	18.5	12.0	6.11	1.96	0.23	0.02	243	242
	0.02	0.20	1.76	5.70	11.3	17.6	22.8	26.8	29.0	29.0	26.7	22.7	17.6	11.4	5.73	1.80	0.21	0.02	230	229
-30	0.01	0.16	1.44	4.94	10.1	15.9	20.7	24.2	26.2	26.2	24.1	20.6	15.9	10.1	4.98	1.48	0.17	0.02	207	206
-40	0.01	0.12	1.02	3.90	8.29	13.5	17.8	20.8	22.5	22.5	20.8	17.7	13.5	8.38	3.96	1.06	0.13	0.01	176	175
-50	0.01	0.08	0.61	2.64	6.19	10.5	14.4	16.9	18.2	18.2	16.9	14.3	10.6	6.31	2.72	0.64	0.09	0.01	139	138
-60	0.01	0.06	0.29	1.37	3.88	7.17	10.4	12.6	13.7	13.6	12.6	10.6	7.35	4.02	1.46	0.31	0.07	0.01	99.6	97.0
-70	0.01	0.05	0.13	0.48	1.65	3.77	6.20	8.22	9.02	8.99	8.20	6.39	3.97	1.78	0.52	0.14	0.05	0.01	59.6	55.5
-80	0.00	0.03	0.08	0.15	0.34	0.95	2.10	3.50	4.20	4.26	3.67	2.29	1.06	0.37	0.15	0.08	0.03	0.01	23.3	14.9
-90	0.00	0.01	0.03	0.05	0.08	0.11	0.16	0.29	0.45	0.47	0.33	0.18	0.11	0.08	0.06	0.03	0.01	0.00	2.48	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90			
Φ t	0.18	1.87	14.8	51.9	111	182	246	294	319	319	293	244	181	110	51.6	14.9	1.96	0.20	2437	---
Φ a	0.00	0.00	9.35	48.4	108	179	243	292	317	317	290	242	178	107	48.1	9.49	0.00	0.00	---	2389

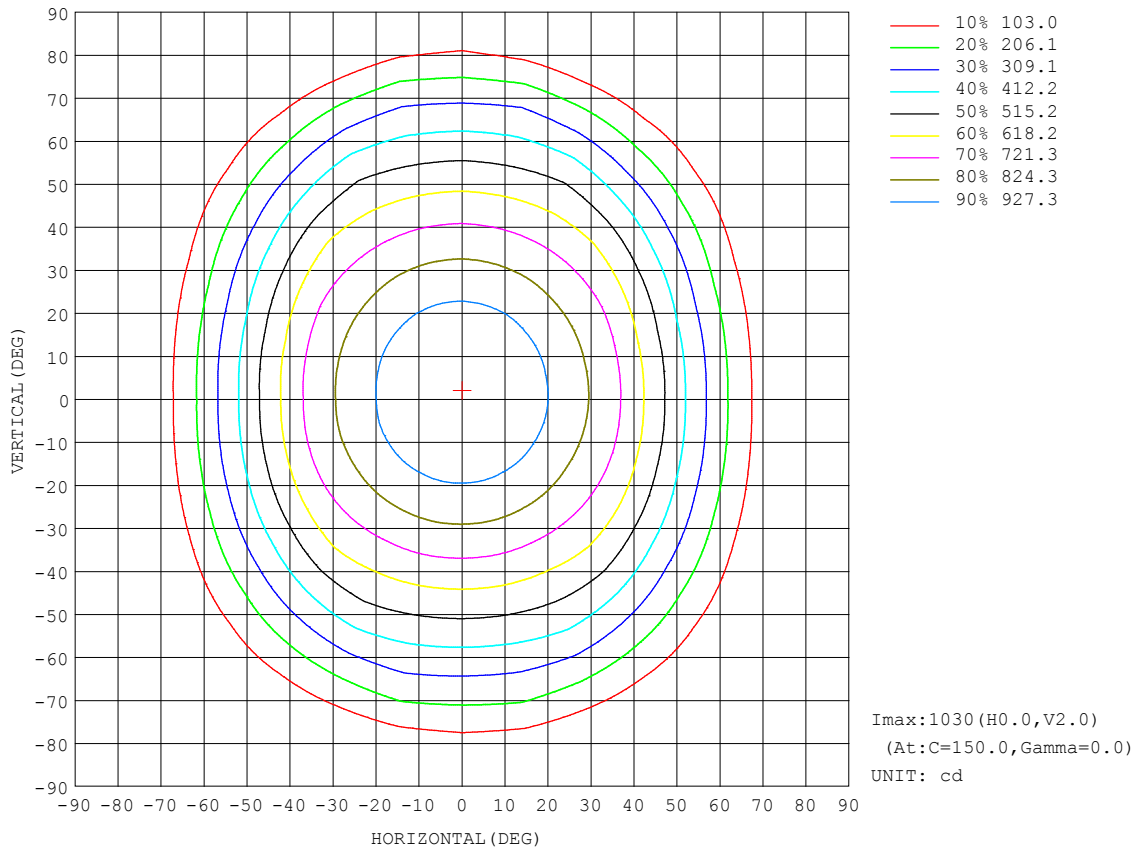
one-half-peak spread: U:53.4,D:53.8 , L:47.3,R:47.4 NEMA Beam Type: Type 7

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:袁冠彬
 Test Date:2018-11-21

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.400m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.3V I:0.3335A P:39.92W PF:0.9955 Freq:59.98Hz Lamp Flux:2436.52x1 lm		
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SPEC.:	DIM.:	SERIAL No.:2018111903
MFR.: EVERFINE	SUR.:0.7*0.1	Shielding Angle:

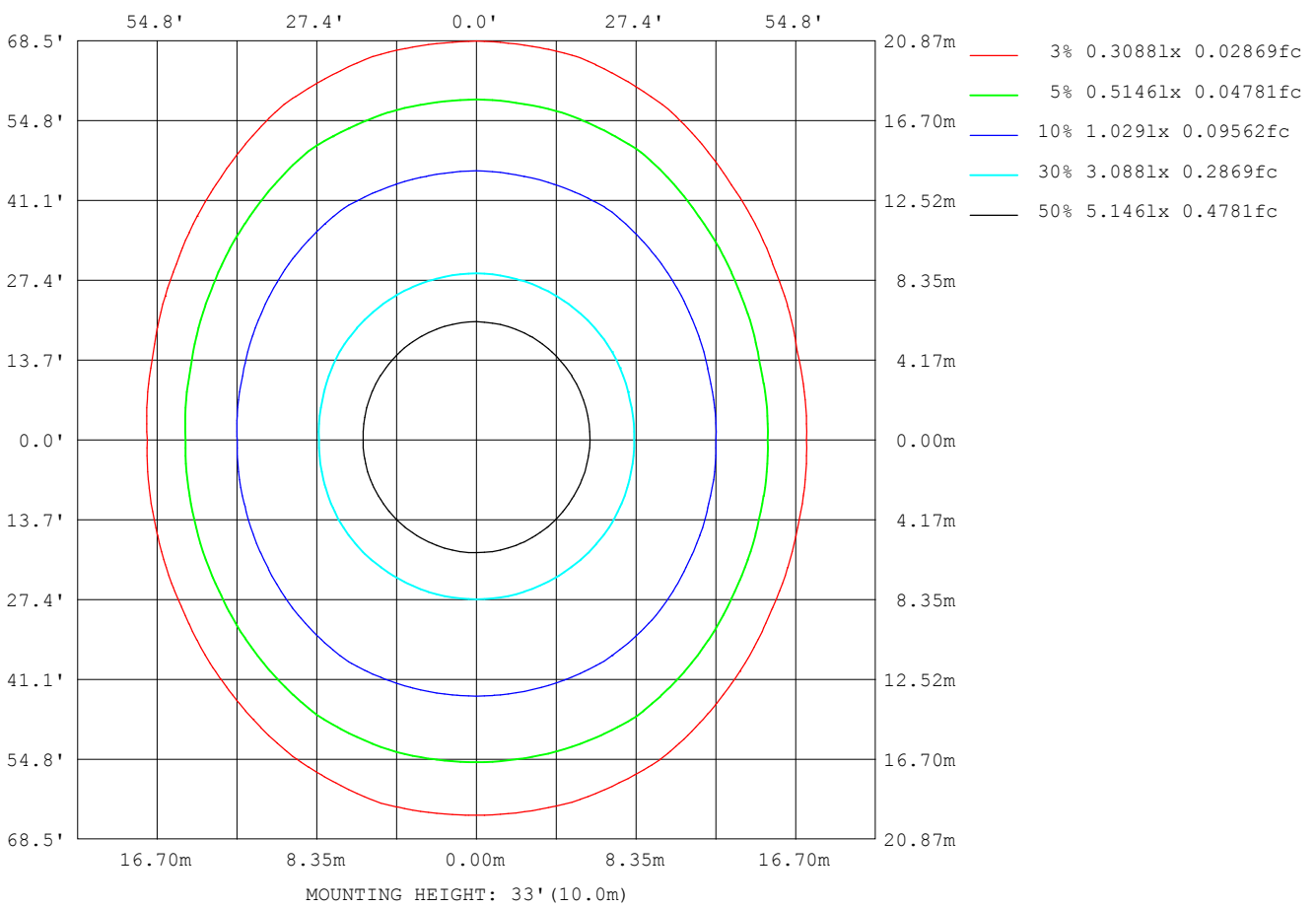


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ISOLUX DIAGRAM

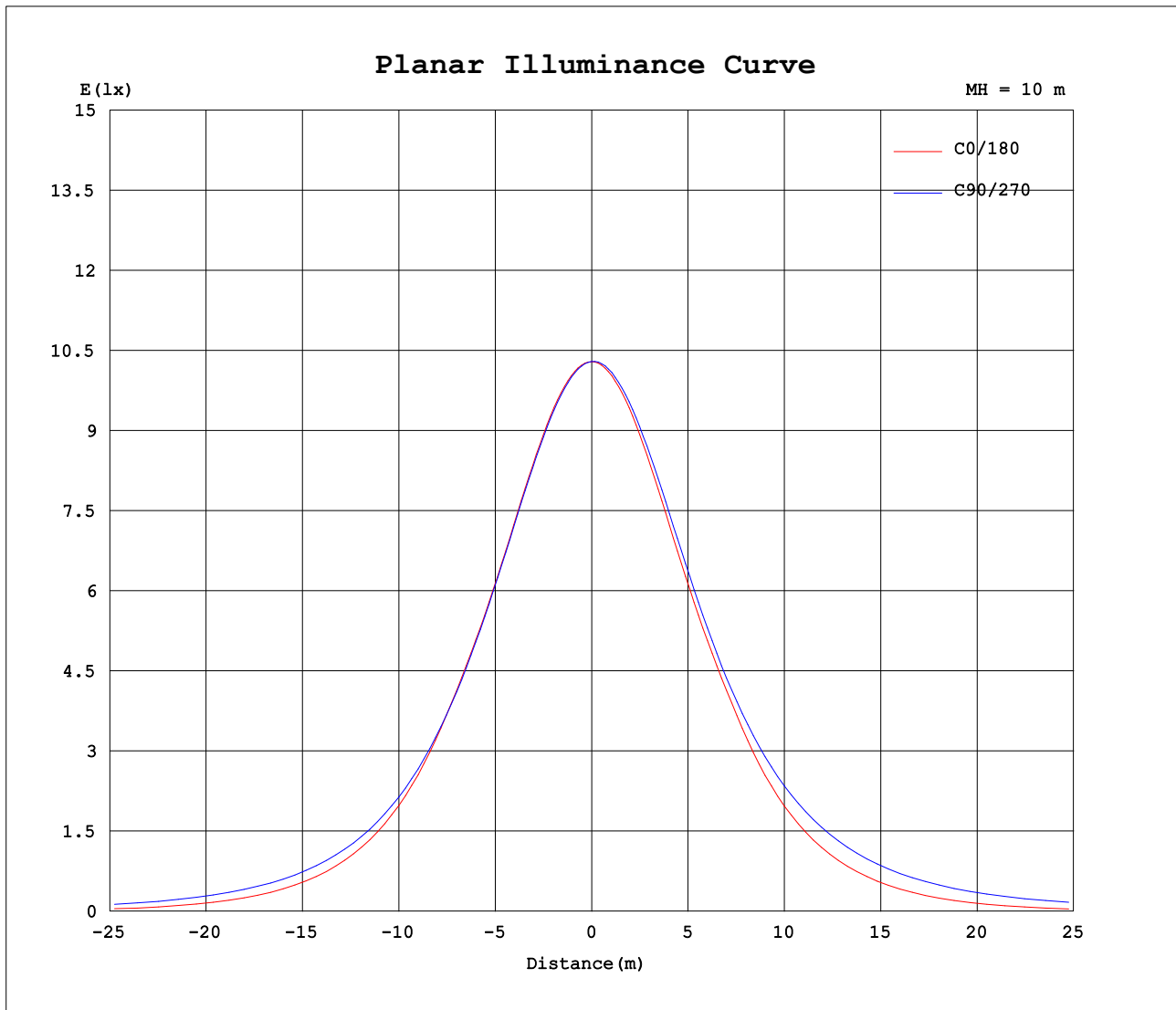
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 Remarks:

Planar Illuminance Curve

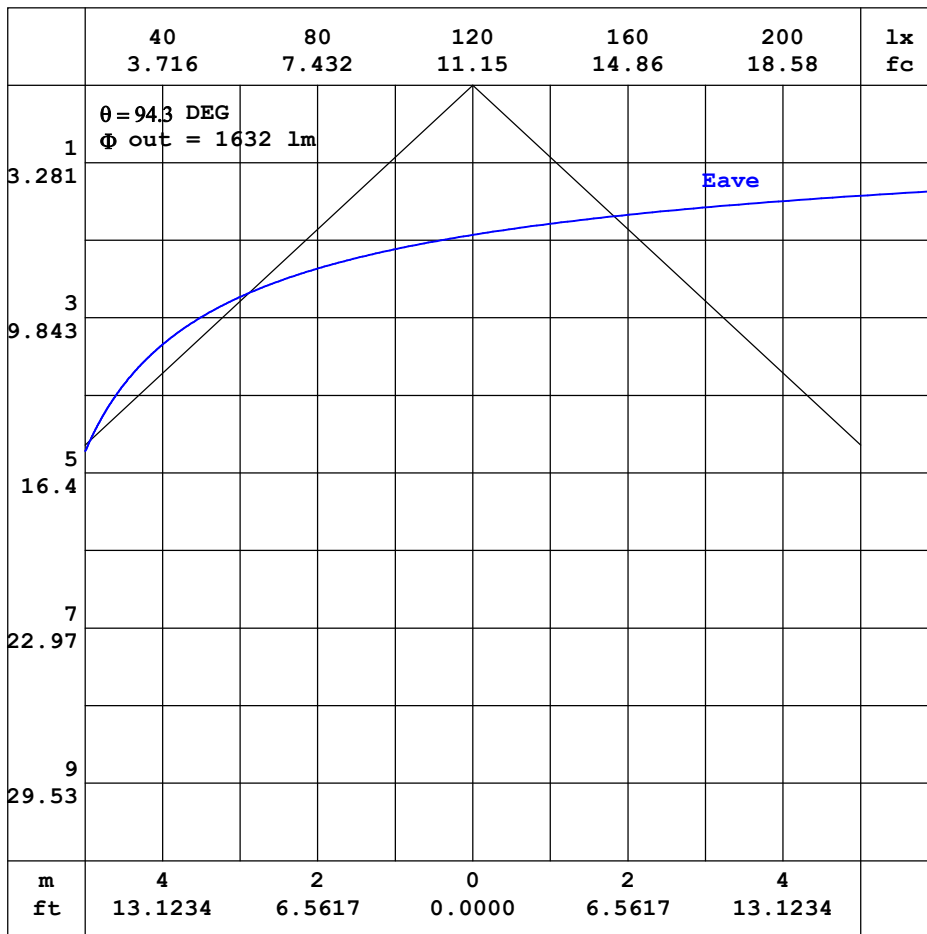


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 Operators: 袁冠彬
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 Remarks:

AAI CURVES

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NAME: Rowan-36	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2018111903
MFR.: EVERFINE	SUR.:0.7*0.1	Shielding Angle:



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

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 C Interval: 15.0DEG
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 Operators:袁冠彬
 Test Date:2018-11-21

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LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.3V I:0.3335A P:39.92W PF:0.9955 Freq:59.98Hz Lamp Flux:2436.52x1 lm		
NAME: Rowan-36	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2018111903
MFR.: EVERFINE	SUR.:0.7*0.1	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
-90	1.06	1.14	1.21	1.28	1.33	1.37	1.42	1.51	1.60	1.68	1.76	1.83	1.90	1.97	2.03	2.10	2.11	2.12	2.13
-85	1.06	1.14	1.22	1.56	1.95	2.31	2.63	2.98	3.34	3.69	3.97	4.21	4.43	4.55	4.63	4.67	4.37	4.05	3.70
-80	1.06	1.14	1.76	2.61	3.32	4.02	4.72	5.44	6.12	6.77	7.28	8.02	9.61	17.9	29.1	41.2	50.2	58.1	64.9
-75	1.06	1.32	2.47	3.66	4.76	5.84	6.89	7.89	9.18	12.0	19.9	32.4	48.3	72.4	97.1	121	131	138	143
-70	1.06	1.58	3.19	4.72	6.19	7.63	8.93	12.2	20.2	33.2	55.9	85.3	116	148	178	206	216	221	223
-65	1.06	1.87	3.87	5.76	7.60	9.39	13.3	23.8	43.9	72.4	109	150	189	225	257	283	294	298	299
-60	1.06	2.24	4.52	6.77	8.89	12.7	23.4	44.2	79.7	124	171	219	263	303	332	356	369	375	377
-55	1.06	2.60	5.16	7.74	10.5	19.1	39.4	72.5	123	179	233	287	337	382	410	431	444	451	454
-50	1.06	2.91	5.76	8.61	13.2	29.0	60.8	109	170	234	296	355	410	458	487	506	520	528	531
-45	1.06	3.18	6.33	9.45	17.3	41.6	86.4	148	215	287	356	421	478	524	555	577	594	603	606
-40	1.06	3.43	6.85	10.5	23.0	55.9	113	185	260	337	412	483	544	588	620	645	665	676	679
-35	1.06	3.65	7.31	11.7	29.6	71.2	140	220	302	383	465	541	608	650	682	710	732	744	748
-30	1.06	3.85	7.72	13.3	36.7	87.8	165	252	341	428	512	593	658	704	740	771	795	809	813
-25	1.06	4.01	8.07	15.1	43.6	104	188	280	374	467	556	639	705	752	792	826	851	867	871
-20	1.06	4.14	8.34	16.7	50.1	117	208	303	401	499	594	680	743	793	838	874	901	918	923
-15	1.06	4.24	8.56	18.3	55.4	129	223	323	424	525	623	711	775	827	875	914	943	960	966
-10	1.06	4.32	8.71	19.3	59.3	136	234	337	441	545	645	735	798	853	903	944	975	993	998
-5	1.06	4.35	8.79	19.8	61.2	141	240	345	451	556	658	749	812	869	921	964	995	1015	1020
0	1.06	4.36	8.82	19.9	61.3	141	241	346	452	559	661	753	817	874	927	970	1002	1022	1029
5	1.06	4.35	8.79	19.9	61.5	141	241	347	453	559	662	752	816	873	925	968	1001	1021	1027
10	1.06	4.30	8.69	19.4	59.8	138	237	341	447	551	652	743	806	863	914	956	988	1007	1013
15	1.06	4.23	8.53	18.3	56.2	131	227	329	432	534	635	725	789	844	892	933	963	981	987
20	1.06	4.12	8.31	16.8	51.0	120	213	311	412	514	612	701	764	815	862	900	929	946	951
25	1.06	3.98	8.03	15.2	44.4	107	194	290	389	487	581	667	731	779	822	859	885	901	906
30	1.06	3.81	7.67	13.3	37.5	91.3	172	265	360	453	542	625	690	737	777	810	834	849	854
35	1.06	3.62	7.25	11.7	30.3	74.1	149	236	325	412	499	579	647	689	725	755	778	790	795
40	1.06	3.39	6.78	10.4	23.5	59.1	123	202	284	368	450	526	590	635	668	695	716	727	732
45	1.06	3.14	6.26	9.35	17.6	44.7	96.0	165	241	320	396	467	528	575	608	632	650	661	665
50	1.06	2.87	5.69	8.50	13.4	31.6	68.9	125	195	267	337	404	466	516	545	565	581	590	595
55	1.06	2.55	5.07	7.61	10.5	21.0	45.6	85.8	147	212	275	338	397	449	476	496	509	518	522
60	1.06	2.20	4.42	6.64	8.83	13.7	27.2	54.0	99.4	153	210	269	324	369	399	422	436	444	447
65	1.06	1.83	3.76	5.62	7.48	9.61	15.1	29.6	57.2	95.8	144	197	247	289	322	350	363	369	372
70	1.06	1.54	3.08	4.55	6.10	7.59	9.21	14.6	26.7	45.8	79.8	122	165	206	240	271	282	287	289
75	1.06	1.28	2.36	3.48	4.65	5.82	6.93	8.21	10.9	16.4	33.5	58.0	86.4	119	152	182	193	199	202
80	1.06	1.10	1.67	2.45	3.22	4.01	4.77	5.53	6.24	6.91	9.97	15.6	24.0	45.8	69.7	93.5	104	112	119
85	1.06	1.09	1.14	1.43	1.85	2.28	2.68	3.08	3.48	3.85	4.20	4.52	4.80	8.80	14.0	19.9	27.9	35.7	43.0
90	1.06	1.09	1.12	1.15	1.19	1.24	1.28	1.34	1.40	1.45	1.51	1.56	1.61	1.65	1.69	1.73	1.73	1.73	1.73

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MFR.: EVERFINE	SUR.:0.7*0.1	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
-90	2.10	2.08	2.05	2.00	1.94	1.88	1.80	1.72	1.63	1.55	1.47	1.39	1.34	1.28	1.23	1.22	1.21	1.20
-85	3.99	4.25	4.50	4.57	4.60	4.56	4.35	4.12	3.86	3.52	3.16	2.80	2.48	2.11	1.69	1.39	1.30	1.20
-80	60.2	54.4	47.2	33.6	20.7	10.8	8.55	7.55	6.99	6.34	5.65	4.92	4.23	3.54	2.84	2.12	1.39	1.20
-75	141	136	128	104	79.9	55.5	37.2	22.5	13.0	9.59	8.13	7.12	6.05	4.98	3.90	2.85	1.71	1.20
-70	221	218	209	184	156	125	93.2	61.9	37.0	22.2	13.0	9.22	7.84	6.40	4.96	3.53	2.12	1.20
-65	297	292	281	259	232	198	158	117	79.3	48.3	26.0	14.2	9.67	7.80	5.99	4.22	2.49	1.20
-60	374	367	355	336	310	272	227	178	131	85.7	48.0	25.3	13.4	9.09	7.01	4.87	2.80	1.20
-55	451	443	430	412	388	345	295	241	185	130	77.5	42.4	20.5	10.8	7.97	5.50	3.09	1.20
-50	527	518	504	484	457	414	362	302	240	175	115	64.7	31.0	13.8	8.83	6.10	3.37	1.20
-45	602	592	575	551	522	481	427	362	292	220	153	90.7	44.2	18.3	9.70	6.67	3.64	1.20
-40	675	663	643	616	586	545	489	418	342	264	190	118	58.9	24.5	10.8	7.18	3.89	1.20
-35	743	730	708	679	645	605	544	470	387	306	224	144	74.3	31.5	12.3	7.64	4.11	1.20
-30	808	793	769	737	699	654	594	516	431	343	255	168	91.3	39.1	14.0	8.05	4.31	1.20
-25	866	850	823	789	747	700	639	560	470	376	281	190	107	46.4	16.1	8.39	4.48	1.20
-20	917	899	871	834	789	739	678	596	501	403	305	210	121	53.2	17.9	8.67	4.63	1.20
-15	959	941	912	871	823	771	708	624	526	426	325	226	132	58.8	19.7	8.88	4.74	1.20
-10	991	973	942	900	850	795	732	646	547	443	339	236	141	62.8	20.9	9.04	4.82	1.20
-5	1013	993	962	919	868	811	747	660	559	453	346	242	145	65.0	21.5	9.13	4.86	1.20
0	1023	1003	971	928	876	818	753	664	561	455	348	243	146	65.2	21.6	9.16	4.88	1.20
5	1020	1000	967	924	872	815	750	662	560	453	347	242	145	64.7	21.4	9.12	4.85	1.20
10	1006	986	954	911	860	804	738	650	549	444	339	236	140	62.2	20.7	9.01	4.80	1.20
15	980	961	929	889	840	785	719	630	529	427	325	225	132	57.9	19.4	8.84	4.71	1.20
20	944	926	896	857	811	760	694	606	508	405	305	209	120	52.1	17.6	8.61	4.59	1.20
25	899	882	855	818	774	725	659	573	479	381	283	189	105	45.2	15.7	8.32	4.44	1.20
30	847	831	806	772	731	683	617	533	443	351	257	167	89.3	37.8	13.7	7.96	4.27	1.20
35	789	774	751	720	683	638	569	489	401	315	228	144	72.0	30.4	12.0	7.54	4.06	1.20
40	726	713	691	664	628	580	515	438	356	274	194	118	57.1	23.4	10.6	7.07	3.83	1.20
45	659	647	628	603	569	518	454	383	307	229	156	90.7	43.1	17.4	9.51	6.55	3.58	1.20
50	589	578	561	540	508	454	390	323	254	184	117	64.7	30.4	13.3	8.64	5.97	3.30	1.20
55	516	506	490	467	437	384	324	259	198	136	79.1	42.8	20.2	10.6	7.74	5.36	3.02	1.20
60	442	433	417	391	357	309	253	195	140	90.1	49.6	25.6	13.3	8.89	6.77	4.71	2.73	1.20
65	368	360	345	314	277	232	182	130	85.0	50.8	27.0	14.4	9.58	7.56	5.76	4.04	2.42	1.20
70	285	278	264	229	191	150	109	69.7	39.8	23.8	13.6	9.18	7.64	6.18	4.69	3.36	2.05	1.20
75	195	185	171	139	107	73.8	49.0	28.3	14.6	10.3	8.14	6.97	5.87	4.75	3.63	2.69	1.65	1.20
80	108	96.1	82.2	59.9	38.1	19.1	13.0	9.00	6.91	6.25	5.54	4.82	4.08	3.33	2.60	1.99	1.33	1.20
85	33.3	23.3	13.3	9.84	6.91	4.81	4.50	4.16	3.80	3.46	3.09	2.71	2.34	1.93	1.50	1.27	1.24	1.20
90	1.72	1.71	1.69	1.64	1.59	1.53	1.47	1.40	1.34	1.29	1.24	1.18	1.14	1.10	1.06	1.11	1.15	1.20

C Range: 0 - 360DEG
 C Interval: 15.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:袁冠彬
 Test Date:2018-11-21

γ Range: 0 - 90DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.400m [K=1.0000]
 Remarks: