

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

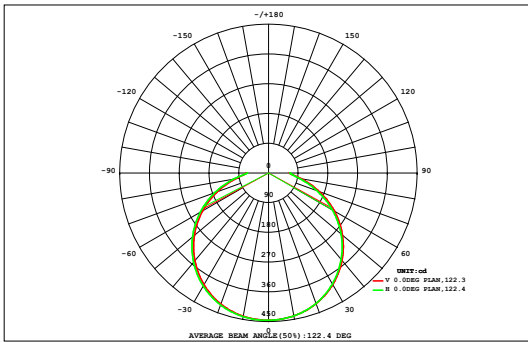
Maximum Intensity (Luminaire orientation as tested.)		299.8 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of I _{max} At 50% of I _{max} At 90% of I _{max}	180.0V x 180.0H 122.4V x 122.3H 54.5V x 53.8H
Beam Flux	Total To 10% of I _{max} To 50% of I _{max} To 90% of I _{max}	1000.0 lumens per klm. 1000.0 lumens per klm. 734.7 lumens per klm. 195.4 lumens per klm.
	Upward LOR Downward LOR	0.0 % 100.0 %
Luminaire Efficiency (Light Output Ratio)		100.0 %

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: 袁冠彬
Test Date: 2018-11-08

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:120.4V I:0.2363A P:28.31W PF:0.9951 Freq:59.98Hz Lamp Flux:1487.89x1 lm		
NAME: Beaumont-12 "	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2018110711
MFR.: EVERFINE	SUR.:3.14*0.135*0.135+0.046*3.14*0.135 Shielding Angle:	



DATA OF LAMP		Eff:52.57lm/W	
MODEL	BMF1228LAJD2	Imax (cd)	446.0
NOMINAL POWER (W)	30	AVAILABILITY (%)	100.0
RATED VOLTAGE (V)	120	Avai. FLUX (lm)	1488
NOMINAL FLUX (lm)	1487.89	LOR (%)	100.0
LAMPS INSIDE	1	TOTAL FLUX (lm)	1488
TEST VOLTAGE (V)	120.35	θ @50% (H, V)	122,122DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM															UNIT: lm		Φ t	Φ a	
	0.17	0.51	0.85	1.20	1.54	1.86	2.13	2.34	2.46	2.46	2.34	2.13	1.87	1.55	1.22	0.88	0.53	0.18	26.2	26.2
90	0.17	0.51	0.85	1.20	1.54	1.86	2.13	2.34	2.46	2.46	2.34	2.13	1.87	1.55	1.22	0.88	0.53	0.18	26.2	26.2
80	0.17	0.56	1.04	1.62	2.26	2.91	3.49	3.93	4.18	4.18	3.93	3.50	2.91	2.25	1.61	1.05	0.58	0.18	40.4	40.4
70	0.18	0.64	1.31	2.19	3.19	4.21	5.12	5.81	6.20	6.20	5.82	5.13	4.21	3.17	2.16	1.31	0.65	0.19	57.7	57.7
60	0.19	0.74	1.61	2.77	4.13	5.50	6.73	7.64	8.14	8.14	7.64	6.73	5.49	4.10	2.75	1.60	0.74	0.20	74.8	74.8
50	0.20	0.83	1.89	3.33	4.99	6.67	8.16	9.26	9.87	9.87	9.26	8.15	6.65	4.96	3.30	1.89	0.83	0.20	90.3	90.3
40	0.21	0.91	2.14	3.81	5.72	7.65	9.35	10.6	11.3	11.3	10.6	9.34	7.63	5.69	3.79	2.14	0.92	0.21	103	103
30	0.21	0.98	2.34	4.19	6.29	8.40	10.3	11.7	12.4	12.4	11.7	10.3	8.38	6.27	4.18	2.34	0.98	0.22	113	113
	0.22	1.03	2.48	4.44	6.68	8.91	10.9	12.3	13.1	13.1	12.3	10.9	8.91	6.68	4.44	2.48	1.03	0.22	120	120
	0.22	1.05	2.55	4.57	6.87	9.17	11.2	12.6	13.4	13.4	12.7	11.2	9.18	6.88	4.58	2.55	1.06	0.23	123	123
	0.22	1.05	2.55	4.57	6.87	9.16	11.2	12.6	13.4	13.4	12.6	11.2	9.18	6.89	4.59	2.56	1.06	0.23	123	123
	0.22	1.03	2.48	4.44	6.67	8.90	10.8	12.3	13.0	13.0	12.3	10.9	8.92	6.69	4.46	2.49	1.04	0.22	120	120
	0.21	0.98	2.34	4.19	6.29	8.37	10.2	11.5	12.2	12.2	11.5	10.2	8.38	6.31	4.21	2.36	0.99	0.22	113	113
-30	0.21	0.91	2.15	3.82	5.71	7.57	9.19	10.4	11.0	11.0	10.4	9.20	7.59	5.74	3.84	2.17	0.93	0.21	102	102
-40	0.20	0.83	1.90	3.34	4.96	6.55	7.94	8.97	9.51	9.51	8.97	7.95	6.57	4.99	3.38	1.93	0.85	0.21	88.6	88.6
-50	0.19	0.74	1.62	2.78	4.07	5.35	6.46	7.29	7.71	7.72	7.30	6.48	5.38	4.12	2.82	1.65	0.76	0.20	72.6	72.6
-60	0.18	0.65	1.33	2.18	3.11	4.03	4.83	5.42	5.71	5.72	5.44	4.87	4.08	3.17	2.24	1.37	0.67	0.19	55.2	55.2
-70	0.17	0.57	1.05	1.62	2.20	2.75	3.22	3.57	3.73	3.75	3.61	3.29	2.83	2.27	1.69	1.11	0.60	0.19	38.2	38.2
-80	0.17	0.51	0.86	1.20	1.52	1.79	2.03	2.20	2.30	2.32	2.27	2.12	1.91	1.63	1.30	0.93	0.55	0.18	25.8	25.8
-90	0.17	0.51	0.86	1.20	1.52	1.79	2.03	2.20	2.30	2.32	2.27	2.12	1.91	1.63	1.30	0.93	0.55	0.18	25.8	25.8
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90			
Φ t	3.53	14.5	32.5	56.3	83.1	110	133	150	160	160	151	133	110	83.4	56.6	32.8	14.8	3.68	1488	---
Φ a	3.53	14.5	32.5	56.3	83.1	110	133	150	160	160	151	133	110	83.4	56.6	32.8	14.8	3.68	---	1488

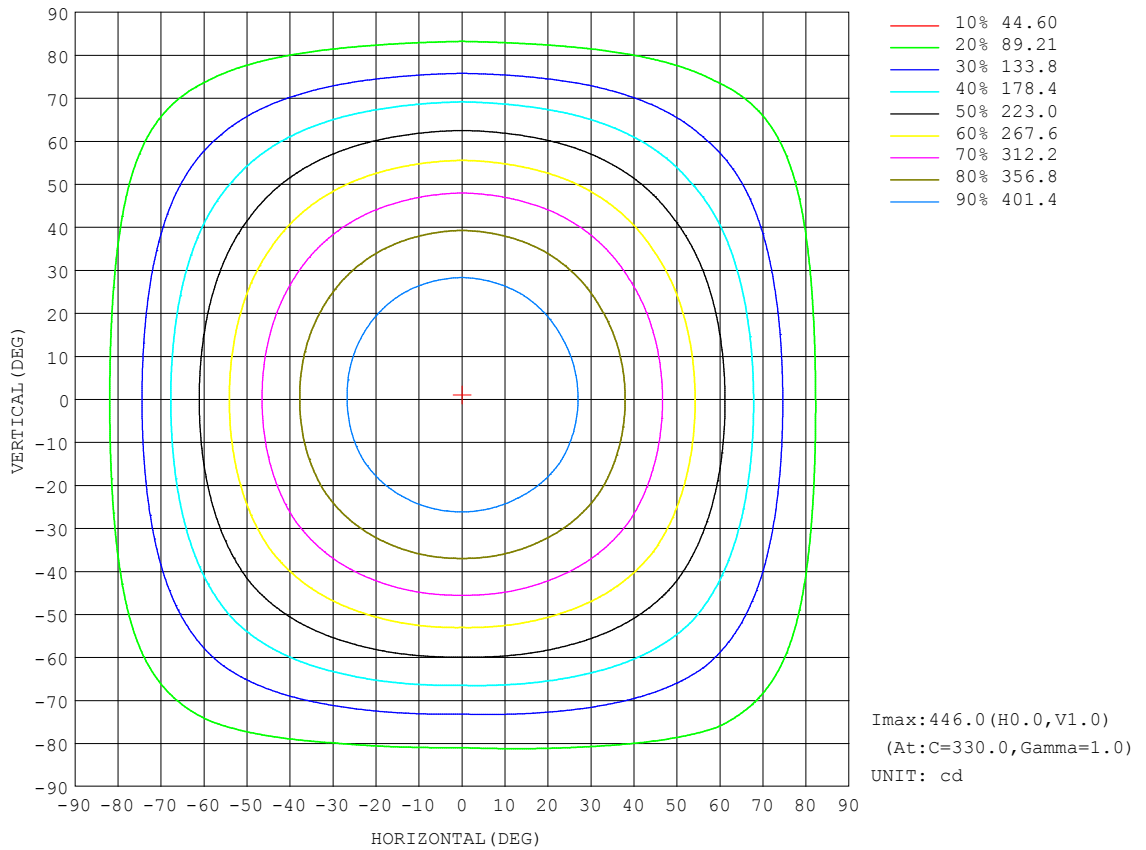
one-half-peak spread: U:61.3,D:61.8 , L:62.4,R:60.5 NEMA Beam Type: Type 7

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:袁冠彬
 Test Date:2018-11-08

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:120.4V I:0.2363A P:28.31W PF:0.9951 Freq:59.98Hz Lamp Flux:1487.89x1 lm		
NAME: Beaumont-12 "	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2018110711
MFR.: EVERFINE	SUR.:3.14*0.135*0.135+0.046*3.14*0.135	Shielding Angle:

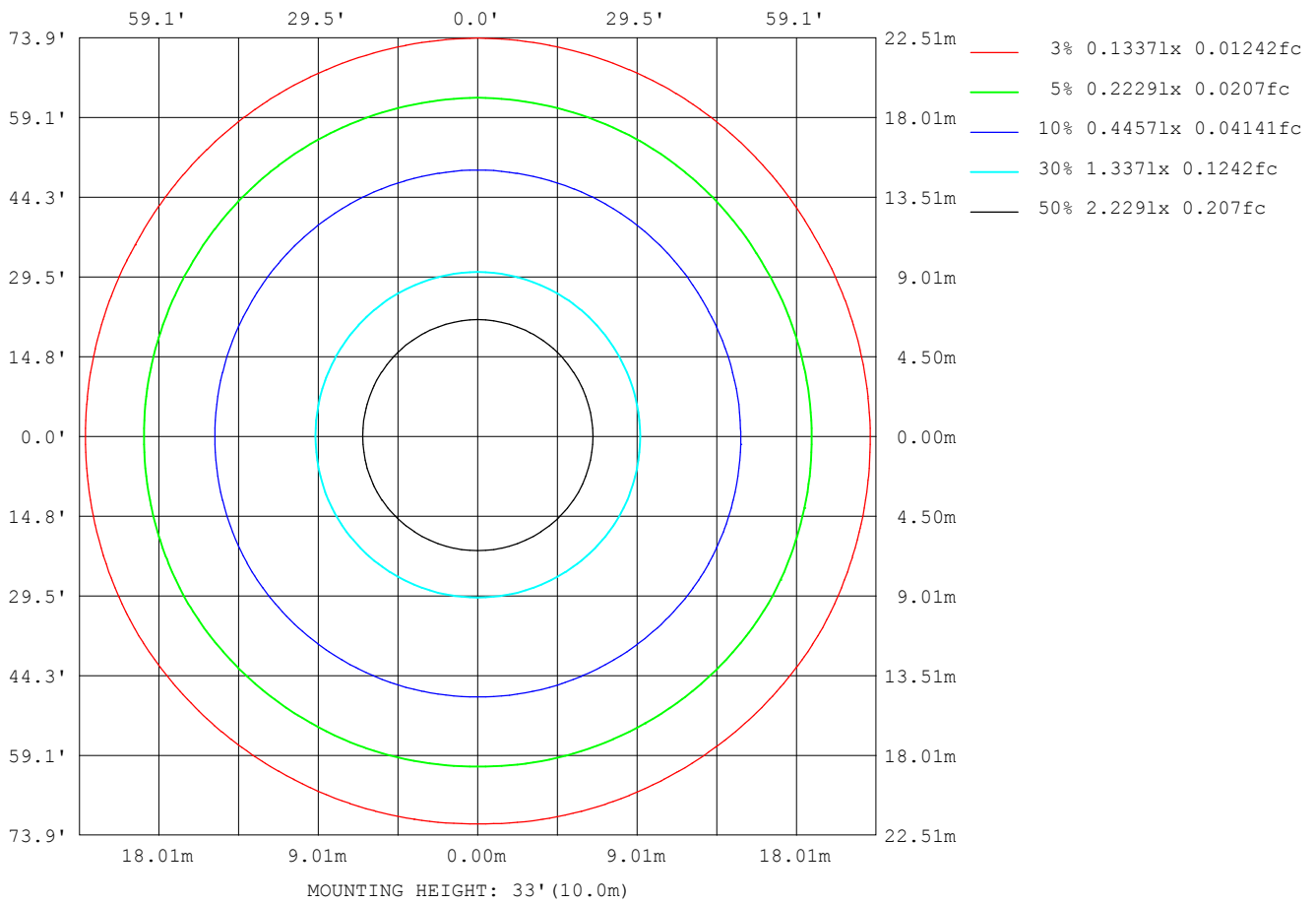


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 Humidity: 65.0%
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 Remarks:

ISOLUX DIAGRAM

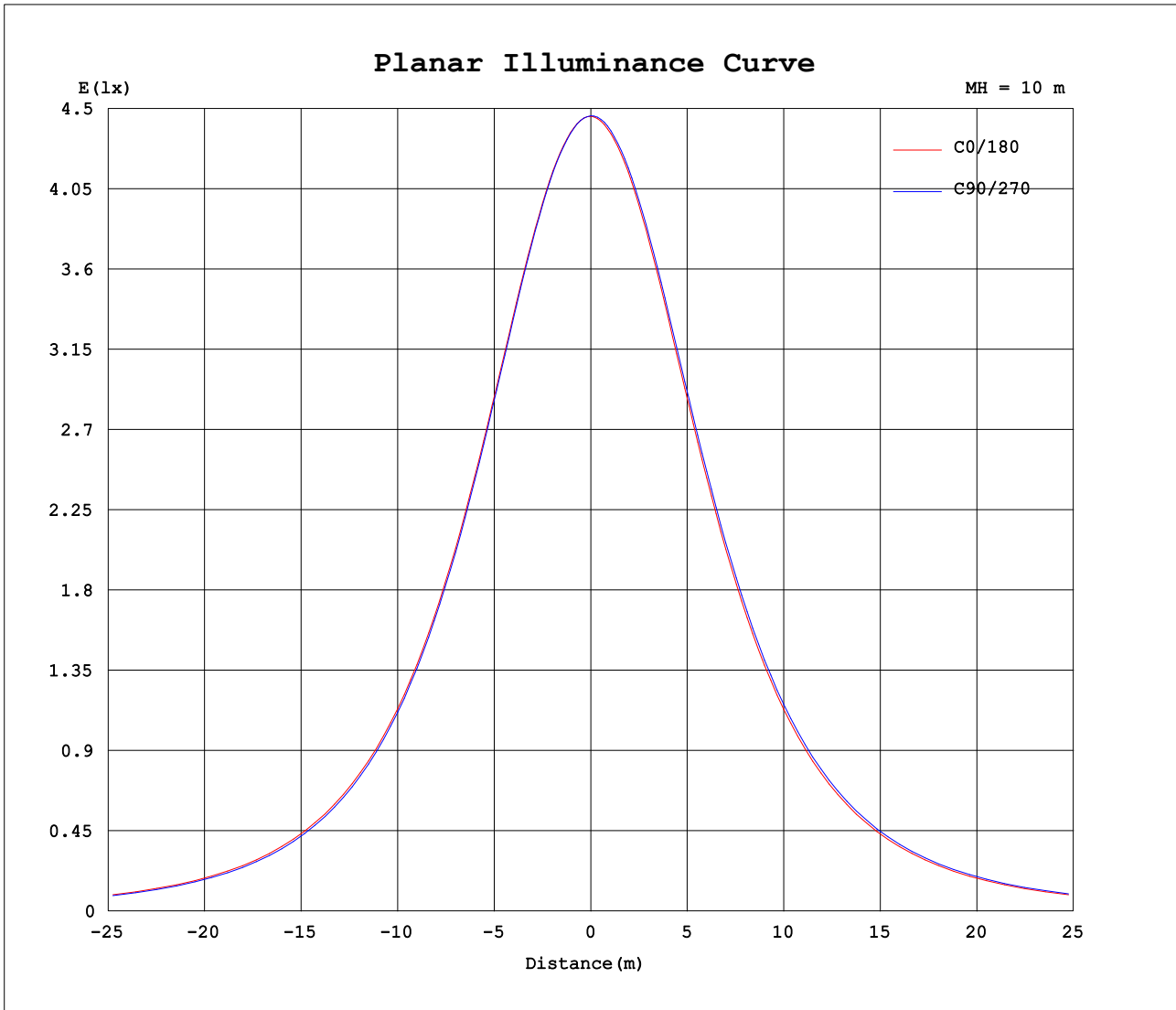
Test:U:120.4V I:0.2363A P:28.31W PF:0.9951 Freq:59.98Hz Lamp Flux:1487.89x1 lm		
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MFR.: EVERFINE	SUR.:3.14*0.135*0.135+0.046*3.14*0.135 Shielding Angle:	



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 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:

Planar Illuminance Curve

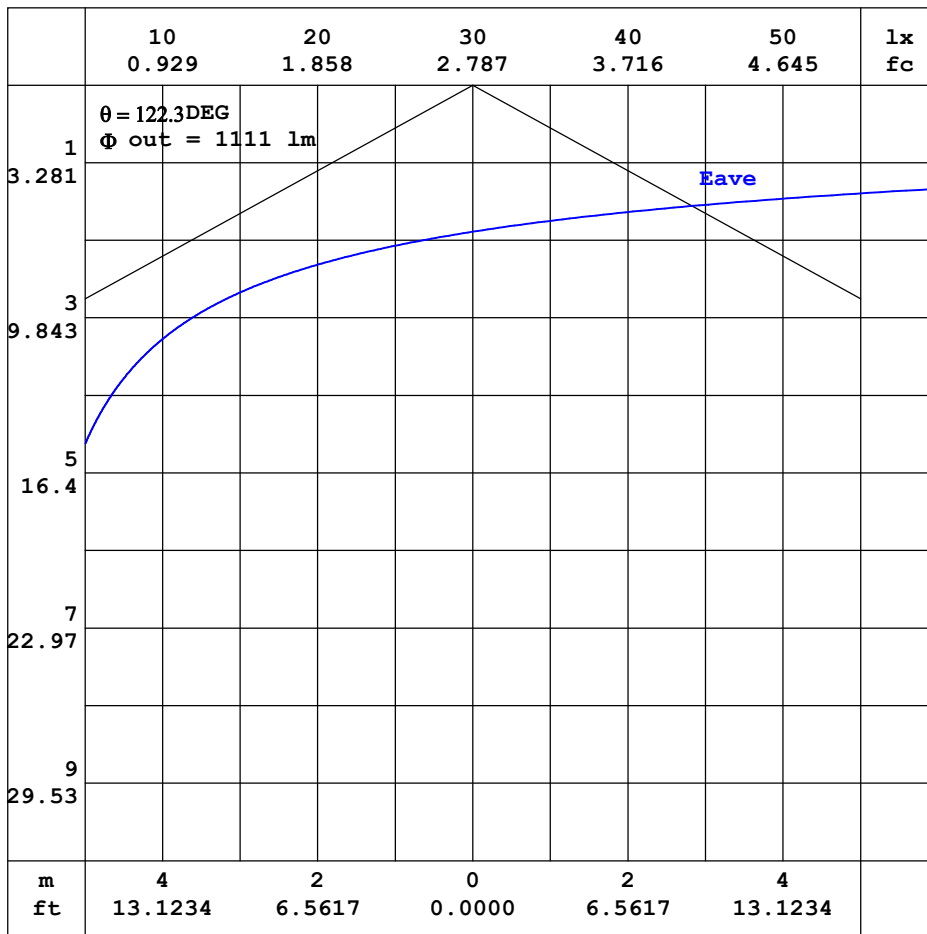


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 Humidity: 65.0%
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 Remarks:

AAI CURVES

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NAME: Beaomunt-12 "	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2018110711
MFR.: EVERFINE	SUR.:3.14*0.135*0.135+0.046*3.14*0.135 Shielding Angle:	



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

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 Operators:袁冠彬
 Test Date:2018-11-08

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.4V I:0.2363A P:28.31W PF:0.9951 Freq:59.98Hz Lamp Flux:1487.89x1 lm		
NAME: Beaumont-12 "	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2018110711
MFR.: EVERFINE	SUR.:3.14*0.135*0.135+0.046*3.14*0.135 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	62.2	62.1	62.0	61.9	61.7	61.6	61.5	61.4	61.3	61.2	61.2	61.1	61.0	61.5	62.1	62.7	63.2	63.8	64.3
-85	62.2	62.9	63.6	64.5	65.5	66.5	67.6	68.4	69.2	69.9	70.5	70.9	71.3	72.2	72.9	73.5	74.0	74.4	74.7
-80	62.2	63.7	65.5	67.6	70.0	72.6	75.7	78.4	80.9	83.2	85.4	87.3	88.8	90.6	92.1	93.3	93.9	94.1	94.0
-75	62.2	64.6	67.6	71.1	75.8	81.3	87.1	92.3	97.1	102	106	110	113	116	119	121	122	123	122
-70	62.2	65.5	69.8	75.6	83.2	91.4	100	108	115	122	129	135	141	145	149	152	154	155	155
-65	62.2	66.4	72.2	80.9	91.2	102	114	125	135	145	154	162	169	175	180	185	187	189	189
-60	62.2	67.3	75.1	86.5	99.5	113	128	142	155	167	178	189	198	205	212	217	221	222	223
-55	62.2	68.2	78.2	92.2	108	125	142	159	175	189	203	215	225	234	242	248	253	255	256
-50	62.2	69.1	81.3	97.8	116	136	156	175	194	211	226	240	252	262	271	278	283	286	287
-45	62.2	70.0	84.4	103	124	146	169	191	212	231	248	263	277	288	298	306	312	315	315
-40	62.2	70.8	87.3	108	132	156	181	205	228	249	268	285	300	312	323	331	338	341	342
-35	62.2	71.7	90.0	113	139	165	192	218	243	266	286	304	320	334	345	354	361	365	366
-30	62.2	72.5	92.4	117	145	173	202	230	256	280	302	321	338	353	365	375	382	386	387
-25	62.2	73.2	94.6	121	150	181	211	240	267	292	315	336	354	370	382	392	400	404	405
-20	62.2	73.8	96.4	124	155	187	218	248	276	302	326	348	367	383	396	407	414	419	420
-15	62.2	74.3	97.8	127	158	191	223	254	283	310	335	357	377	394	407	418	425	430	432
-10	62.2	74.6	98.8	129	161	194	227	259	288	316	341	364	384	401	415	426	433	438	439
-5	62.2	74.8	99.4	130	162	196	230	261	291	319	345	368	388	406	420	430	438	442	444
0	62.2	74.9	99.6	130	163	197	230	262	292	320	346	369	390	407	421	432	439	444	446
5	62.2	74.8	99.4	130	162	196	229	261	291	319	345	368	389	406	420	431	439	444	445
10	62.2	74.6	98.7	129	161	194	227	259	288	316	342	365	385	402	417	428	435	440	442
15	62.2	74.3	97.7	127	158	191	223	254	283	310	336	358	378	396	410	421	429	433	435
20	62.2	73.8	96.2	124	155	186	217	248	276	303	327	349	369	386	400	411	419	423	425
25	62.2	73.2	94.4	121	150	180	210	239	267	292	316	337	357	373	387	398	406	410	412
30	62.2	72.5	92.2	117	145	173	202	229	255	280	303	323	342	358	371	382	389	394	395
35	62.2	71.6	89.7	113	138	165	192	218	242	266	287	307	325	340	352	362	369	374	376
40	62.2	70.8	87.0	108	131	156	180	204	228	250	270	289	305	319	331	340	347	351	353
45	62.2	70.0	84.1	103	124	146	168	190	211	232	251	268	283	296	307	316	322	326	328
50	62.2	69.1	81.0	97.3	116	135	155	174	194	212	230	245	259	271	281	289	295	299	300
55	62.2	68.1	78.0	91.6	107	124	141	158	175	192	207	221	234	244	253	260	266	269	271
60	62.2	67.2	74.9	85.9	98.8	113	127	142	156	170	183	196	206	216	224	230	235	238	239
65	62.2	66.3	72.1	80.4	90.3	101	113	125	137	148	159	169	178	186	193	198	202	205	206
70	62.2	65.4	69.6	75.3	82.4	90.3	98.8	108	117	126	135	142	149	156	161	165	169	171	172
75	62.2	64.5	67.4	70.9	75.3	80.4	85.7	92.0	98.5	105	111	117	122	126	130	133	136	138	139
80	62.2	63.6	65.3	67.3	69.6	72.2	75.0	78.3	81.9	85.4	89.0	92.5	95.8	98.7	101	103	105	106	107
85	62.2	62.8	63.4	64.2	65.0	65.9	66.9	68.1	69.4	70.6	71.8	73.0	74.2	75.5	76.7	77.8	78.6	79.4	80.0
90	62.2	62.0	61.7	61.5	61.2	61.0	60.7	60.8	61.0	61.1	61.2	61.3	61.4	61.7	62.0	62.2	62.5	62.8	63.0

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 Humidity:65.0%
 Test Distance:7.400m [K=1.0000]
 Remarks:

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SPEC.:	DIM.:	SERIAL No.:2018110711
MFR.: EVERFINE	SUR.:3.14*0.135*0.135+0.046*3.14*0.135 Shade:0.127 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	64.8	65.2	65.6	66.1	66.5	66.9	67.2	67.5	67.7	68.0	68.3	68.6	68.2	67.9	67.5	67.2	66.8	66.5
-85	75.1	75.3	75.5	75.5	75.5	75.4	75.3	75.1	74.9	74.6	74.1	73.7	72.3	71.1	69.8	68.6	67.5	66.5
-80	94.7	95.1	95.0	94.6	93.7	92.5	91.0	89.3	87.3	85.3	83.2	80.8	77.8	75.1	72.6	70.3	68.3	66.5
-75	123	123	122	121	119	116	113	109	105	101	96.4	91.5	85.6	80.1	75.8	72.2	69.1	66.5
-70	155	155	153	151	147	143	138	132	125	119	112	104	95.1	86.8	79.6	74.2	69.9	66.5
-65	189	188	185	182	177	171	164	156	147	138	128	117	106	94.4	84.3	76.3	70.7	66.5
-60	223	221	218	213	207	199	190	180	169	157	145	131	116	102	89.4	78.7	71.5	66.5
-55	255	253	249	243	235	227	216	204	191	177	161	144	127	111	94.8	81.4	72.3	66.5
-50	286	283	278	272	263	253	241	227	212	196	178	158	138	119	100	84.1	73.2	66.5
-45	315	312	306	298	289	277	264	249	232	214	193	171	148	126	106	86.9	74.0	66.5
-40	341	338	331	323	313	300	285	269	250	230	207	183	158	134	111	89.6	74.7	66.5
-35	365	361	354	345	334	321	305	287	267	244	220	194	167	141	115	92.1	75.4	66.5
-30	386	382	375	365	353	339	322	303	281	257	231	203	175	147	119	94.5	76.1	66.5
-25	404	399	392	382	370	355	337	316	293	268	241	212	182	152	123	96.5	76.6	66.5
-20	419	414	407	397	384	368	349	327	303	277	249	219	188	156	126	98.3	77.1	66.5
-15	430	425	418	408	395	378	358	336	311	284	255	224	192	160	128	99.6	77.5	66.5
-10	438	433	426	416	402	385	365	342	317	289	260	228	195	162	130	101	77.7	66.5
-5	442	438	431	420	406	389	369	346	320	292	262	230	197	164	131	101	77.8	66.5
0	444	440	433	422	408	391	370	347	321	293	263	231	198	164	131	101	77.9	66.5
5	444	439	432	421	407	389	369	346	320	292	262	230	197	163	131	101	77.8	66.5
10	440	435	428	417	402	385	365	342	316	289	259	227	195	162	130	100	77.6	66.5
15	433	429	421	409	395	378	358	335	310	283	254	223	191	159	128	99.1	77.2	66.5
20	423	419	411	400	385	368	349	327	302	276	247	217	186	155	125	97.6	76.8	66.5
25	410	405	398	387	373	356	337	315	292	266	239	210	180	151	122	95.7	76.3	66.5
30	394	389	381	371	357	341	323	302	279	255	228	201	173	145	118	93.5	75.6	66.5
35	374	369	362	352	339	324	306	286	264	241	217	191	165	139	113	90.9	74.9	66.5
40	351	347	340	331	319	305	288	269	248	226	203	179	156	132	109	88.2	74.1	66.5
45	326	322	316	307	296	283	267	250	231	210	189	167	145	124	103	85.4	73.3	66.5
50	299	295	289	281	271	259	245	229	211	192	173	154	135	116	97.9	82.7	72.5	66.5
55	269	266	261	253	245	233	221	206	191	174	157	140	124	107	92.3	79.9	71.6	66.5
60	238	235	230	224	216	206	195	183	169	155	140	126	112	98.9	86.8	77.2	70.8	66.5
65	205	202	198	193	186	178	169	158	147	135	123	112	101	90.6	81.7	74.8	69.9	66.5
70	171	169	165	161	156	150	142	134	125	116	107	98.0	90.2	83.1	77.1	72.5	69.0	66.5
75	138	136	134	130	127	122	117	111	104	97.9	91.5	85.5	80.9	76.7	73.3	70.5	68.2	66.5
80	106	105	104	101	98.9	95.9	92.5	89.0	85.4	82.0	78.6	75.7	73.6	71.7	70.0	68.5	67.4	66.5
85	79.4	78.7	77.8	76.8	75.6	74.4	73.3	72.3	71.3	70.3	69.3	68.4	67.9	67.5	67.1	66.8	66.6	66.5
90	62.9	62.8	62.6	62.5	62.3	62.2	62.3	62.4	62.5	62.6	62.8	62.9	63.5	64.1	64.7	65.3	65.9	66.5

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:袁冠彬
 Test Date:2018-11-08

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: