

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

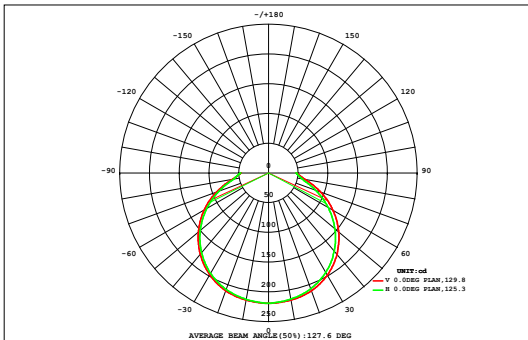
Maximum Intensity (Luminaire orientation as tested.)		276.3 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of Imax At 50% of Imax At 90% of Imax	180.0V x 180.0H 125.3V x 129.8H 55.9V x 60.9H
Beam Flux	Total To 10% of Imax To 50% of Imax To 90% of Imax	1000.0 lumens per klm. 1000.0 lumens per klm. 747.7 lumens per klm. 205.6 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:120.3V I:0.1735A P:20.72W PF:0.9932 Freq:59.98Hz Lamp Flux:793.702x1 lm		
NAME: Avenue-8 "	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2018110712
MFR.: EVERFINE	SUR.:0.17*0.153+0.049*0.323	Shielding Angle:



DATA OF LAMP		Eff:38.31lm/W	
MODEL	AUFO816LAJD2	Imax (cd)	219.3
NOMINAL POWER (W)	20	AVAILABILITY (%)	100.0
RATED VOLTAGE (V)	120	Avai. FLUX (lm)	793.7
NOMINAL FLUX (lm)	793.702	LOR (%)	100.0
LAMPS INSIDE	1	TOTAL FLUX (lm)	793.7
TEST VOLTAGE (V)	120.27	θ @50% (H,V)	130,125DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM															UNIT:lm		Φ t	Φ a	
	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150				
90	0.13	0.41	0.71	0.99	1.23	1.43	1.57	1.63	1.64	1.64	1.63	1.57	1.43	1.22	0.98	0.70	0.40	0.13	19.4	19.4
80	0.13	0.43	0.78	1.15	1.50	1.81	2.06	2.20	2.24	2.24	2.20	2.06	1.81	1.48	1.13	0.77	0.43	0.13	24.6	24.6
70	0.14	0.46	0.89	1.39	1.90	2.38	2.79	3.06	3.18	3.18	3.06	2.79	2.37	1.87	1.36	0.87	0.45	0.13	32.3	32.3
60	0.14	0.50	1.01	1.65	2.33	2.98	3.53	3.92	4.11	4.11	3.92	3.53	2.96	2.31	1.63	0.99	0.49	0.14	40.2	40.2
50	0.14	0.53	1.13	1.90	2.73	3.52	4.20	4.69	4.93	4.93	4.68	4.19	3.50	2.71	1.88	1.12	0.52	0.14	47.5	47.5
40	0.14	0.57	1.24	2.11	3.07	3.98	4.75	5.32	5.61	5.61	5.32	4.74	3.96	3.05	2.10	1.23	0.56	0.14	53.5	53.5
30	0.15	0.59	1.33	2.28	3.32	4.33	5.18	5.79	6.11	6.11	5.78	5.17	4.31	3.31	2.27	1.32	0.59	0.15	58.1	58.1
20	0.15	0.61	1.39	2.39	3.49	4.57	5.46	6.09	6.42	6.41	6.09	5.45	4.55	3.49	2.38	1.38	0.61	0.15	61.1	61.1
10	0.15	0.62	1.41	2.44	3.58	4.69	5.62	6.26	6.57	6.57	6.25	5.61	4.68	3.58	2.44	1.41	0.62	0.15	62.7	62.7
0	0.15	0.62	1.41	2.44	3.58	4.69	5.61	6.25	6.56	6.56	6.25	5.61	4.68	3.58	2.44	1.41	0.62	0.15	62.6	62.6
-10	0.15	0.61	1.38	2.38	3.48	4.55	5.45	6.07	6.39	6.39	6.07	5.44	4.54	3.47	2.38	1.38	0.61	0.15	60.9	60.9
-20	0.15	0.59	1.32	2.26	3.30	4.30	5.15	5.75	6.06	6.06	5.74	5.14	4.29	3.29	2.26	1.32	0.59	0.15	57.7	57.7
-30	0.14	0.56	1.23	2.09	3.03	3.94	4.71	5.26	5.54	5.53	5.24	4.69	3.92	3.02	2.08	1.23	0.56	0.14	52.9	52.9
-40	0.14	0.53	1.12	1.87	2.69	3.47	4.14	4.61	4.83	4.82	4.59	4.11	3.44	2.67	1.87	1.11	0.52	0.14	46.7	46.7
-50	0.14	0.49	0.99	1.62	2.29	2.93	3.47	3.83	3.99	3.98	3.80	3.42	2.89	2.27	1.61	0.99	0.49	0.14	39.3	39.3
-60	0.14	0.46	0.87	1.36	1.86	2.33	2.72	2.97	3.05	3.04	2.93	2.67	2.29	1.83	1.35	0.87	0.46	0.13	31.3	31.3
-70	0.13	0.43	0.77	1.13	1.47	1.78	2.01	2.13	2.14	2.13	2.09	1.96	1.74	1.45	1.13	0.77	0.43	0.13	23.8	23.8
-80	0.13	0.41	0.71	0.99	1.23	1.43	1.56	1.61	1.59	1.58	1.59	1.53	1.40	1.21	0.98	0.70	0.40	0.13	19.2	19.2
-90	0.13	0.41	0.71	0.99	1.23	1.43	1.56	1.61	1.59	1.58	1.59	1.53	1.40	1.21	0.98	0.70	0.40	0.13	19.2	19.2
Φ t	2.54	9.42	19.7	32.5	46.1	59.1	70.0	77.4	81.0	80.9	77.2	69.7	58.8	45.8	32.3	19.6	9.34	2.51	794	---
Φ a	2.54	9.42	19.7	32.5	46.1	59.1	70.0	77.4	81.0	80.9	77.2	69.7	58.8	45.8	32.3	19.6	9.34	2.51	---	794

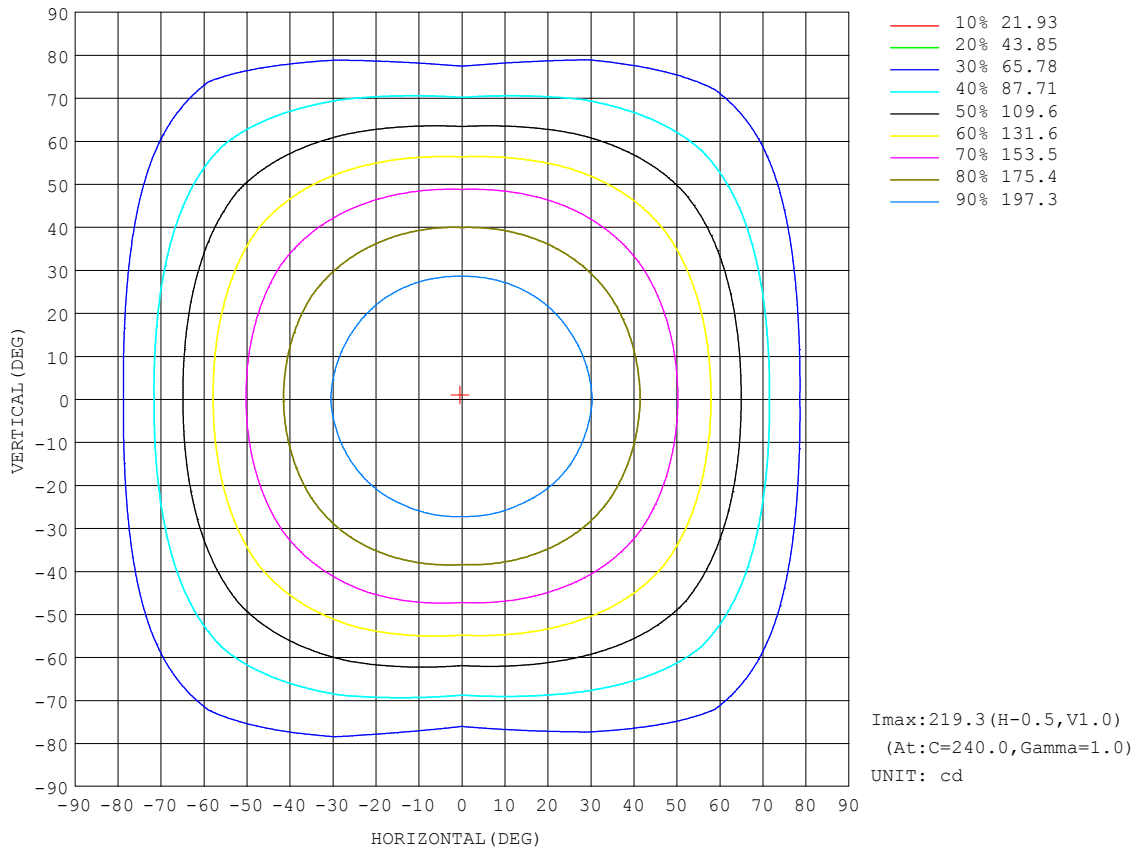
one-half-peak spread: U:62.8,D:63.2 , L:66.2,R:64.3 NEMA Beam Type: Type 7

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:120.3V I:0.1735A P:20.72W PF:0.9932 Freq:59.98Hz Lamp Flux:793.702x1 lm		
NAME: Avenue-8 "	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2018110712
MFR.: EVERFINE	SUR.:0.17*0.153+0.049*0.323	Shielding Angle:

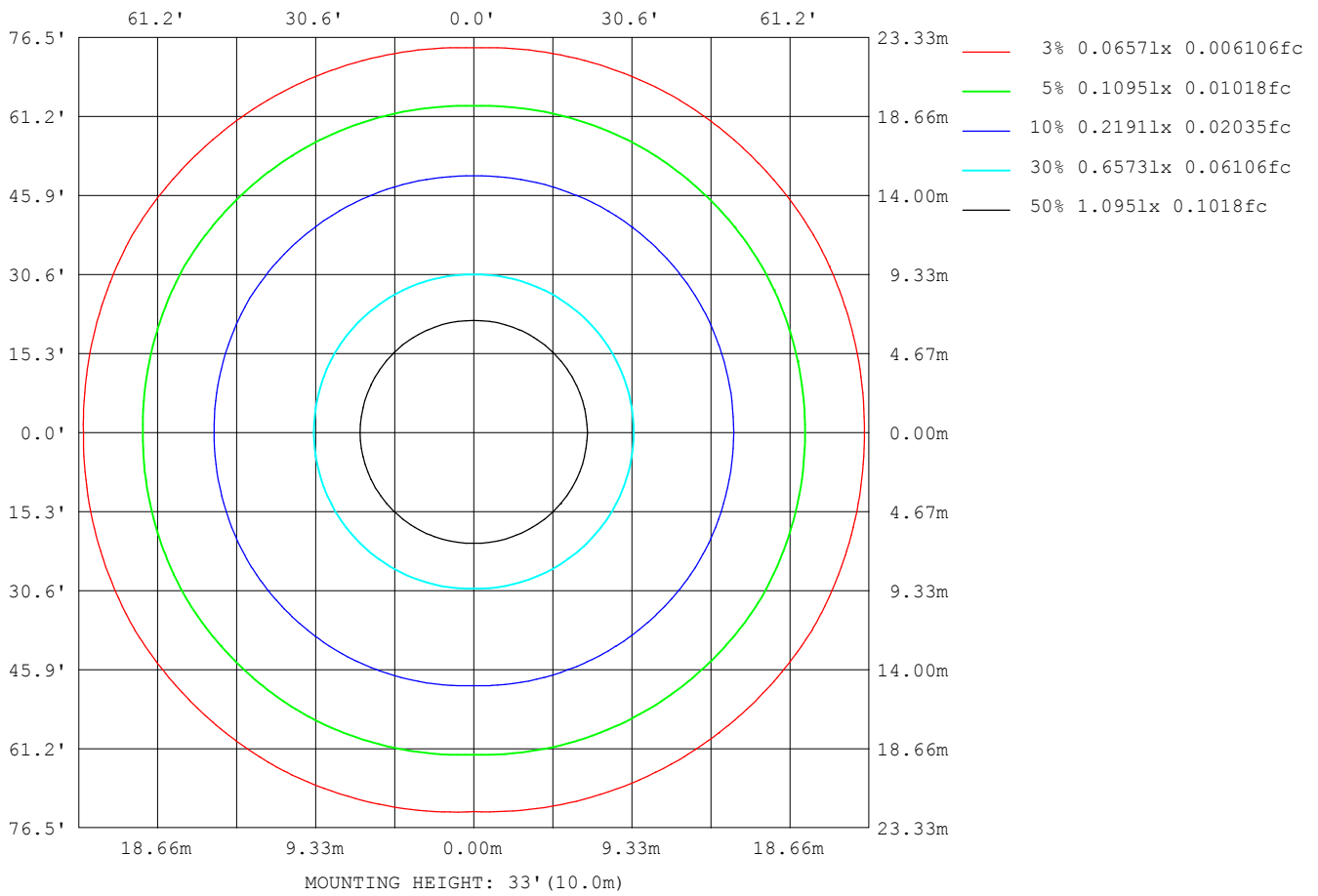


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 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
 Humidity:65.0%
 Test Distance:7.400m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

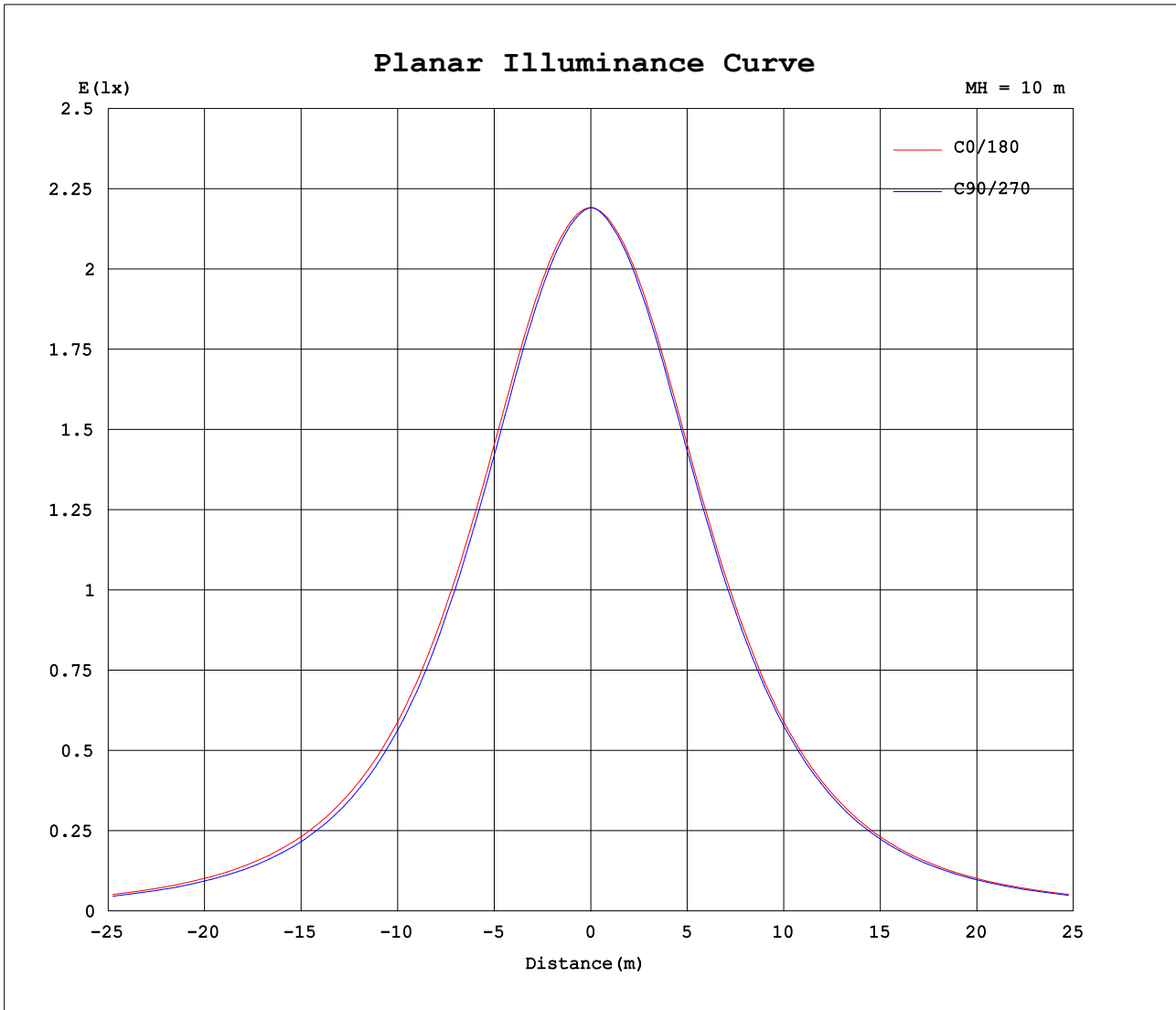
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 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.362
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 Remarks:

Planar Illuminance Curve

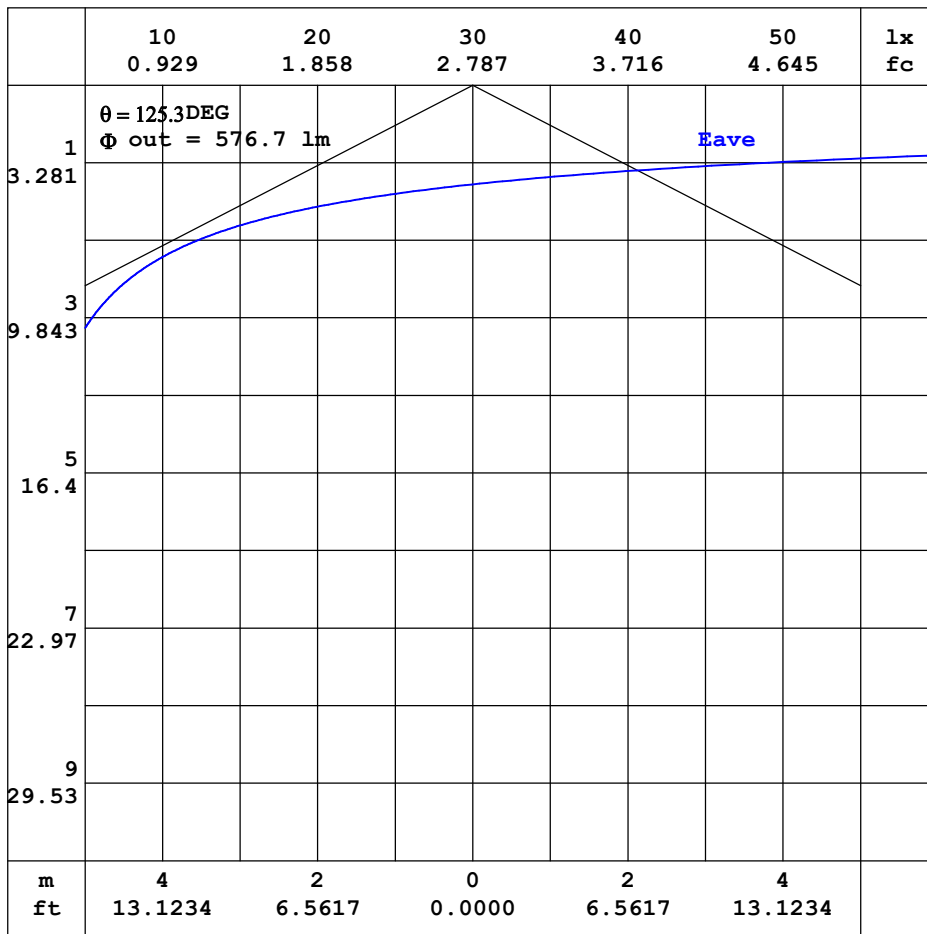


C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: 袁冠彬
 Test Date: 2018-11-08

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

AAI CURVES

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NAME: Avenue-8 "	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2018110712
MFR.: EVERFINE	SUR.:0.17*0.153+0.049*0.323	Shielding Angle:



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

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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.3V I:0.1735A P:20.72W PF:0.9932 Freq:59.98Hz Lamp Flux:793.702x1 lm		
NAME: Avenue-8 "	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2018110712
MFR.: EVERFINE	SUR.:0.17*0.153+0.049*0.323	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	46.7	47.8	49.0	50.1	51.2	52.3	53.5	53.1	52.7	52.3	51.9	51.5	51.1	50.3	49.5	48.7	47.9	47.1	46.3
-85	46.7	48.4	50.2	51.9	53.5	55.2	56.8	56.9	57.0	57.1	57.2	57.3	57.4	56.5	55.5	54.5	53.4	52.3	51.1
-80	46.7	49.0	51.1	53.3	55.4	57.4	59.5	60.3	61.0	61.8	62.5	63.1	63.5	62.9	62.1	61.1	60.0	58.8	57.4
-75	46.7	49.4	52.0	54.7	57.3	60.0	62.7	64.6	66.3	68.0	69.7	71.2	72.5	72.6	72.4	72.0	71.2	70.2	68.8
-70	46.7	49.9	53.0	56.2	59.5	63.1	67.2	70.6	73.6	76.5	79.3	81.8	84.0	85.2	85.8	86.0	85.7	85.1	83.9
-65	46.7	50.3	53.9	57.7	62.0	67.2	72.7	77.6	82.0	86.2	90.0	93.5	96.6	98.8	100	101	101	101	99.8
-60	46.7	50.7	54.9	59.4	65.2	71.8	78.6	85.2	90.9	96.2	101	106	110	113	115	116	117	117	116
-55	46.7	51.1	55.8	61.3	68.6	76.6	84.8	92.9	99.8	106	112	117	122	126	129	130	132	132	131
-50	46.7	51.4	56.7	63.5	72.2	81.5	91.0	100	108	116	123	129	134	139	142	144	146	146	146
-45	46.7	51.8	57.5	65.7	75.6	86.3	96.9	107	117	125	133	139	146	151	155	157	159	160	159
-40	46.7	52.1	58.4	67.8	79.0	90.8	102	114	124	134	142	149	156	161	166	169	171	172	172
-35	46.7	52.3	59.2	69.8	82.1	94.9	107	120	131	141	150	158	165	171	176	179	182	183	183
-30	46.7	52.6	60.1	71.7	85.0	98.6	112	125	137	148	157	166	173	180	185	188	191	193	193
-25	46.7	52.8	60.8	73.3	87.4	102	116	129	142	153	164	173	181	187	192	196	199	200	201
-20	46.7	52.9	61.5	74.7	89.5	105	119	133	146	158	169	179	187	193	198	202	205	207	207
-15	46.7	53.0	62.0	75.7	91.1	107	122	136	150	162	173	183	191	198	203	207	210	211	212
-10	46.7	53.1	62.3	76.4	92.2	108	124	138	152	165	176	186	195	202	207	210	213	214	215
-5	46.7	53.0	62.4	76.8	92.8	109	125	140	154	166	178	188	197	204	209	213	215	217	218
0	46.7	53.0	62.3	76.8	92.9	109	125	140	154	167	179	189	198	205	211	215	217	218	219
5	46.7	53.0	62.5	76.9	92.9	109	125	140	154	166	179	189	197	204	209	213	216	217	218
10	46.7	53.1	62.4	76.6	92.4	108	124	139	152	165	177	187	195	202	207	211	214	215	216
15	46.7	53.0	62.1	75.9	91.4	107	122	137	150	162	174	183	192	198	204	208	211	212	213
20	46.7	53.0	61.7	74.9	89.9	105	120	134	147	159	170	179	187	194	199	203	206	208	208
25	46.7	52.8	61.0	73.7	87.9	103	117	130	143	154	165	174	182	188	194	198	200	202	203
30	46.7	52.6	60.3	72.1	85.5	99.4	113	126	138	149	159	167	175	181	186	190	193	195	195
35	46.7	52.4	59.5	70.3	82.8	95.9	109	121	132	143	152	160	167	173	178	182	184	186	186
40	46.7	52.1	58.6	68.3	79.7	91.7	104	115	126	135	144	151	158	163	168	171	174	175	175
45	46.7	51.8	57.8	66.2	76.4	87.2	98.3	109	118	127	135	141	147	152	157	160	162	163	163
50	46.7	51.4	56.9	64.1	73.0	82.6	92.3	102	110	118	125	131	136	141	144	147	149	150	150
55	46.7	51.1	56.0	61.9	69.5	77.7	86.2	94.7	102	108	114	120	124	128	131	134	135	136	135
60	46.7	50.7	55.0	59.9	66.1	72.9	80.1	86.8	92.7	98.2	103	108	112	115	117	119	120	121	120
65	46.7	50.2	54.0	58.2	62.9	68.4	74.1	79.2	83.7	87.9	92.0	95.6	98.8	101	103	104	105	105	104
70	46.7	49.8	53.0	56.5	60.2	64.2	68.7	72.1	75.2	78.2	81.0	83.7	85.9	87.5	88.5	89.1	89.3	88.9	88.2
75	46.7	49.4	52.0	54.8	57.7	60.7	64.0	65.9	67.6	69.3	70.9	72.5	73.9	74.5	74.7	74.7	74.3	73.7	72.7
80	46.7	48.9	51.0	53.2	55.5	57.7	60.0	60.9	61.7	62.4	63.0	63.4	63.7	63.4	62.9	62.3	61.5	60.5	59.3
85	46.7	48.3	50.0	51.6	53.3	55.0	56.6	56.9	57.1	57.3	57.4	57.4	57.5	56.9	56.2	55.4	54.6	53.7	52.8
90	46.7	47.8	48.8	49.9	51.0	52.1	53.1	53.0	52.8	52.6	52.4	52.2	52.0	51.3	50.6	49.9	49.2	48.5	47.9

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MFR.: EVERFINE	SUR.:0.17*0.153+0.049*0.323 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	47.1	47.8	48.6	49.4	50.1	50.9	51.3	51.6	52.0	52.3	52.7	53.1	51.9	50.8	49.6	48.5	47.4	46.2
-85	52.0	52.9	53.7	54.5	55.3	55.9	56.0	56.1	56.1	56.1	56.1	56.0	54.4	52.7	51.1	49.4	47.8	46.2
-80	58.4	59.4	60.2	60.9	61.5	61.9	61.7	61.3	60.9	60.4	59.8	59.1	57.0	54.8	52.6	50.4	48.2	46.2
-75	69.8	70.5	70.8	70.9	70.8	70.4	69.4	68.2	66.9	65.6	64.2	62.5	59.7	56.9	54.1	51.4	48.7	46.2
-70	84.7	85.0	84.8	84.3	83.3	81.9	80.0	77.8	75.4	72.8	70.1	66.9	62.8	59.1	55.7	52.4	49.1	46.2
-65	100	101	99.9	98.8	97.1	94.7	91.8	88.6	85.0	81.1	77.1	72.3	66.9	61.7	57.3	53.4	49.6	46.2
-60	116	116	115	113	111	108	104	99.9	95.2	90.1	84.7	78.2	71.4	64.9	59.0	54.3	50.0	46.2
-55	131	131	129	127	124	121	116	111	105	99.2	92.5	84.4	76.2	68.3	60.9	55.3	50.4	46.2
-50	146	145	143	141	137	133	128	122	115	108	99.8	90.6	81.1	71.8	63.1	56.2	50.8	46.2
-45	160	159	156	153	149	144	138	132	124	116	107	96.6	85.9	75.3	65.3	57.0	51.2	46.2
-40	172	171	168	165	160	155	148	141	133	124	113	102	90.4	78.7	67.5	57.9	51.5	46.2
-35	183	182	179	175	170	164	157	149	141	130	119	107	94.6	81.8	69.5	58.8	51.8	46.2
-30	192	191	188	184	179	173	165	157	147	136	125	112	98.5	84.6	71.4	59.6	52.0	46.2
-25	200	199	196	192	187	180	172	163	153	141	129	116	102	87.1	73.0	60.4	52.2	46.2
-20	207	205	202	198	193	186	178	168	158	146	133	119	105	89.2	74.3	61.1	52.4	46.2
-15	211	210	207	203	198	191	183	173	162	149	136	122	107	90.8	75.4	61.6	52.4	46.2
-10	214	213	211	207	201	194	186	176	164	152	138	124	108	91.9	76.1	61.9	52.5	46.2
-5	217	215	213	209	204	197	188	178	166	153	140	125	109	92.5	76.5	62.0	52.5	46.2
0	218	217	215	211	205	198	189	179	167	154	140	125	109	92.6	76.5	62.0	52.4	46.2
5	217	215	213	209	204	197	188	178	166	154	140	125	109	92.6	76.5	62.0	52.4	46.2
10	215	213	211	207	202	195	186	176	165	152	138	124	108	92.0	76.2	61.9	52.5	46.2
15	212	210	208	203	198	191	183	173	162	150	136	122	107	90.9	75.4	61.6	52.4	46.2
20	208	206	203	199	194	187	179	169	158	146	133	119	105	89.3	74.4	61.1	52.3	46.2
25	202	200	197	193	188	181	173	164	154	142	130	116	102	87.3	73.0	60.4	52.2	46.2
30	195	193	190	186	181	174	167	158	148	137	125	112	98.9	84.8	71.4	59.6	52.0	46.2
35	185	184	181	178	172	166	159	151	142	131	120	108	95.0	82.0	69.5	58.7	51.7	46.2
40	175	174	171	167	163	157	150	143	134	125	114	103	90.7	78.8	67.5	57.8	51.4	46.2
45	163	162	160	156	152	147	141	134	126	117	108	97.2	86.2	75.4	65.3	56.9	51.1	46.2
50	150	149	147	144	141	136	130	124	117	109	101	91.0	81.4	71.9	63.1	56.0	50.8	46.2
55	136	135	133	131	128	124	119	113	107	100	93.0	84.8	76.4	68.3	60.8	55.1	50.4	46.2
60	121	120	119	117	115	111	107	103	97.2	91.3	85.3	78.5	71.5	64.8	58.8	54.2	50.0	46.2
65	105	105	104	103	101	98.6	95.2	91.3	87.0	82.4	77.6	72.4	66.9	61.5	57.1	53.2	49.5	46.2
70	88.9	89.3	89.1	88.5	87.5	85.9	83.3	80.4	77.2	73.9	70.5	66.8	62.6	58.8	55.5	52.2	49.1	46.2
75	73.7	74.4	74.7	74.8	74.6	74.0	72.3	70.4	68.3	66.3	64.2	62.1	59.2	56.6	53.9	51.2	48.6	46.2
80	60.5	61.5	62.4	63.0	63.5	63.8	63.1	62.3	61.4	60.5	59.6	58.6	56.5	54.5	52.4	50.3	48.2	46.2
85	53.7	54.6	55.4	56.1	56.8	57.4	57.2	56.9	56.6	56.3	56.0	55.6	54.0	52.5	50.9	49.3	47.7	46.2
90	48.5	49.2	49.9	50.6	51.3	52.0	52.1	52.2	52.3	52.5	52.6	52.7	51.6	50.6	49.5	48.4	47.3	46.2

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: