

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

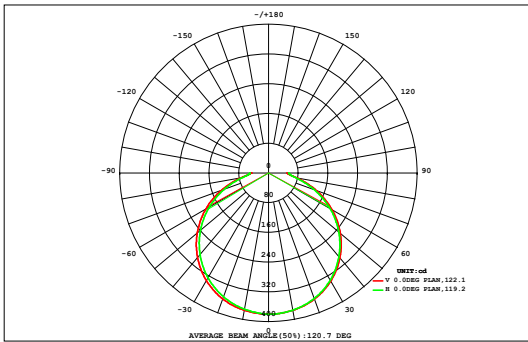
Maximum Intensity (Luminaire orientation as tested.)		304.3 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of Imax At 50% of Imax At 90% of Imax	180.0V x 180.0H 119.2V x 122.1H 51.7V x 55.2H
Beam Flux	Total To 10% of Imax To 50% of Imax To 90% of Imax	1000.0 lumens per klm. 1000.0 lumens per klm. 733.3 lumens per klm. 191.0 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:2018-11-10

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  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:0.2365A P:28.32W PF:0.9951 Freq:59.98Hz Lamp Flux:1249.77x1 lm		
NAME: Avenue-12 "	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2018110714
MFR.: EVERFINE	SUR.:0.272*0.264+1.072*0.045 Shielding Angle:	



DATA OF LAMP		Eff:44.12lm/W	
MODEL	AUF1228LAJD2	Imax (cd)	380.3
NOMINAL POWER (W)	30	AVAILABILITY (%)	100.0
RATED VOLTAGE (V)	120	Avai. FLUX (lm)	1250
NOMINAL FLUX (lm)	1249.77	LOR (%)	100.0
LAMPS INSIDE	1	TOTAL FLUX (lm)	1250
TEST VOLTAGE (V)	120.35	θ @50% (H,V)	122,119DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.14	0.44	0.77	1.09	1.36	1.59	1.74	1.78	1.76	1.76	1.77	1.71	1.54	1.30	1.03	0.72	0.41	0.13	21.0	21.0
80	0.14	0.47	0.88	1.35	1.82	2.28	2.66	2.89	2.97	2.96	2.86	2.62	2.23	1.76	1.28	0.82	0.44	0.13	30.6	30.6
70	0.15	0.52	1.08	1.81	2.61	3.39	4.06	4.52	4.72	4.71	4.49	4.02	3.33	2.54	1.74	1.03	0.49	0.14	45.3	45.3
60	0.15	0.59	1.33	2.33	3.44	4.53	5.47	6.13	6.44	6.43	6.11	5.43	4.47	3.37	2.26	1.28	0.56	0.14	60.5	60.5
50	0.16	0.67	1.58	2.82	4.21	5.57	6.74	7.58	7.99	7.98	7.55	6.70	5.51	4.14	2.76	1.54	0.64	0.15	74.3	74.3
40	0.16	0.74	1.80	3.24	4.86	6.44	7.81	8.79	9.29	9.28	8.77	7.76	6.38	4.79	3.19	1.76	0.71	0.15	85.9	85.9
30	0.17	0.80	1.98	3.58	5.37	7.13	8.65	9.74	10.3	10.3	9.71	8.60	7.07	5.31	3.53	1.94	0.78	0.16	95.1	95.1
	0.17	0.84	2.10	3.81	5.73	7.61	9.23	10.4	11.0	11.0	10.4	9.19	7.56	5.68	3.77	2.07	0.82	0.16	101	101
	0.17	0.86	2.16	3.93	5.92	7.88	9.56	10.8	11.4	11.4	10.7	9.53	7.84	5.88	3.90	2.14	0.84	0.16	105	105
	0.17	0.86	2.17	3.94	5.94	7.90	9.59	10.8	11.4	11.4	10.8	9.56	7.87	5.90	3.90	2.14	0.84	0.16	105	105
	0.17	0.84	2.11	3.84	5.78	7.69	9.33	10.5	11.1	11.1	10.5	9.29	7.64	5.73	3.79	2.08	0.82	0.16	102	102
	0.17	0.80	1.99	3.62	5.45	7.25	8.79	9.90	10.5	10.5	9.86	8.73	7.19	5.39	3.57	1.96	0.78	0.16	96.6	96.6
-30	0.16	0.74	1.82	3.30	4.96	6.58	7.98	8.99	9.51	9.49	8.94	7.91	6.51	4.89	3.24	1.78	0.72	0.15	87.7	87.7
-40	0.16	0.67	1.60	2.87	4.31	5.70	6.91	7.78	8.21	8.19	7.73	6.84	5.63	4.24	2.81	1.56	0.65	0.15	76.0	76.0
-50	0.15	0.60	1.35	2.38	3.53	4.66	5.63	6.32	6.65	6.64	6.28	5.56	4.58	3.45	2.32	1.31	0.57	0.14	62.1	62.1
-60	0.15	0.52	1.10	1.85	2.68	3.50	4.20	4.67	4.89	4.87	4.63	4.13	3.42	2.61	1.79	1.06	0.50	0.14	46.7	46.7
-70	0.14	0.47	0.89	1.38	1.88	2.37	2.76	3.00	3.09	3.07	2.96	2.70	2.30	1.82	1.33	0.85	0.45	0.13	31.6	31.6
-80	0.14	0.45	0.78	1.12	1.41	1.67	1.84	1.90	1.88	1.87	1.87	1.80	1.62	1.37	1.08	0.75	0.42	0.13	22.1	22.1
-90																				
	90	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90	
Φ t	2.80	11.9	27.5	48.3	71.3	93.8	113	126	133	133	126	112	92.7	70.1	47.3	26.8	11.5	2.65	1250	---
Φ a	2.80	11.9	27.5	48.3	71.3	93.8	113	126	133	133	126	112	92.7	70.1	47.3	26.8	11.5	2.65	---	1250

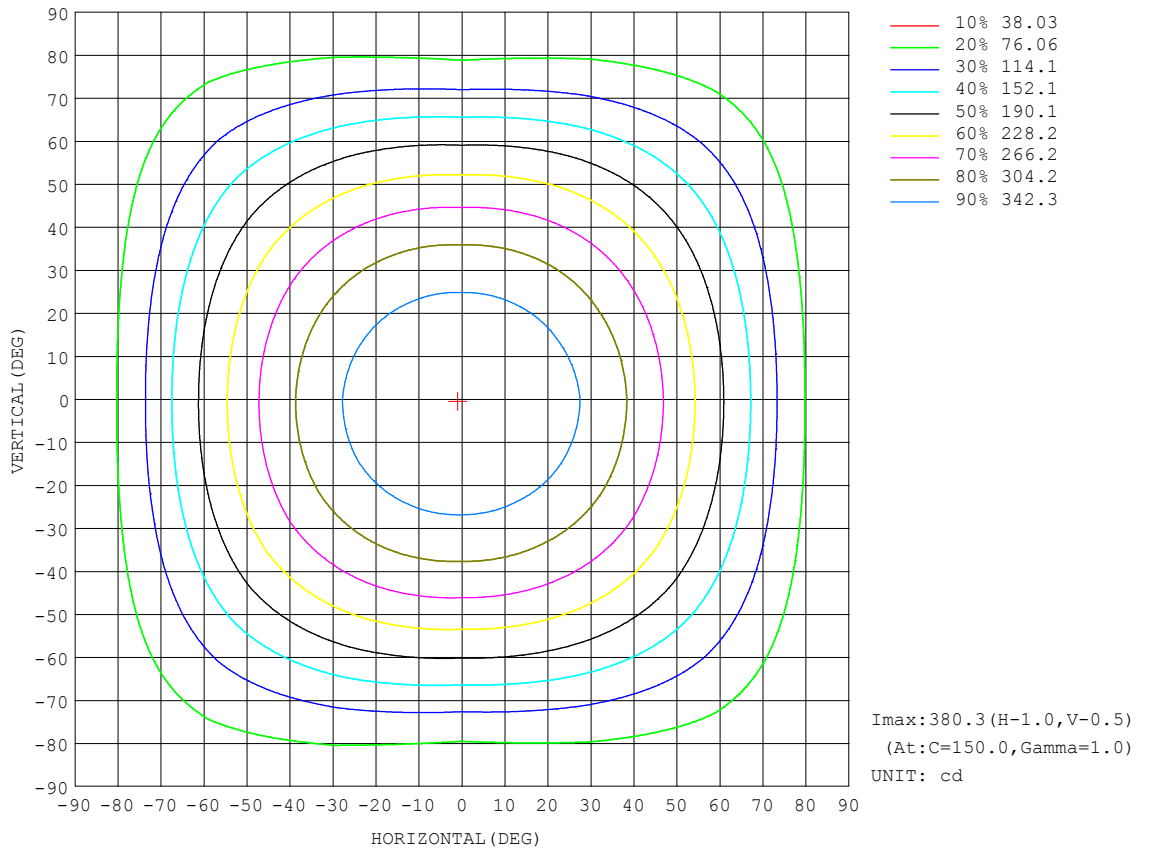
one-half-peak spread: U:60.5,D:59.3 , L:61.6,R:61.2 NEMA Beam Type: Type 7

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:袁冠彬  
 Test Date:2018-11-10

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:0.2365A P:28.32W PF:0.9951 Freq:59.98Hz Lamp Flux:1249.77x1 lm		
NAME: Avenue-12 "	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2018110714
MFR.: EVERFINE	SUR.:0.272*0.264+1.072*0.045 Shielding Angle:	

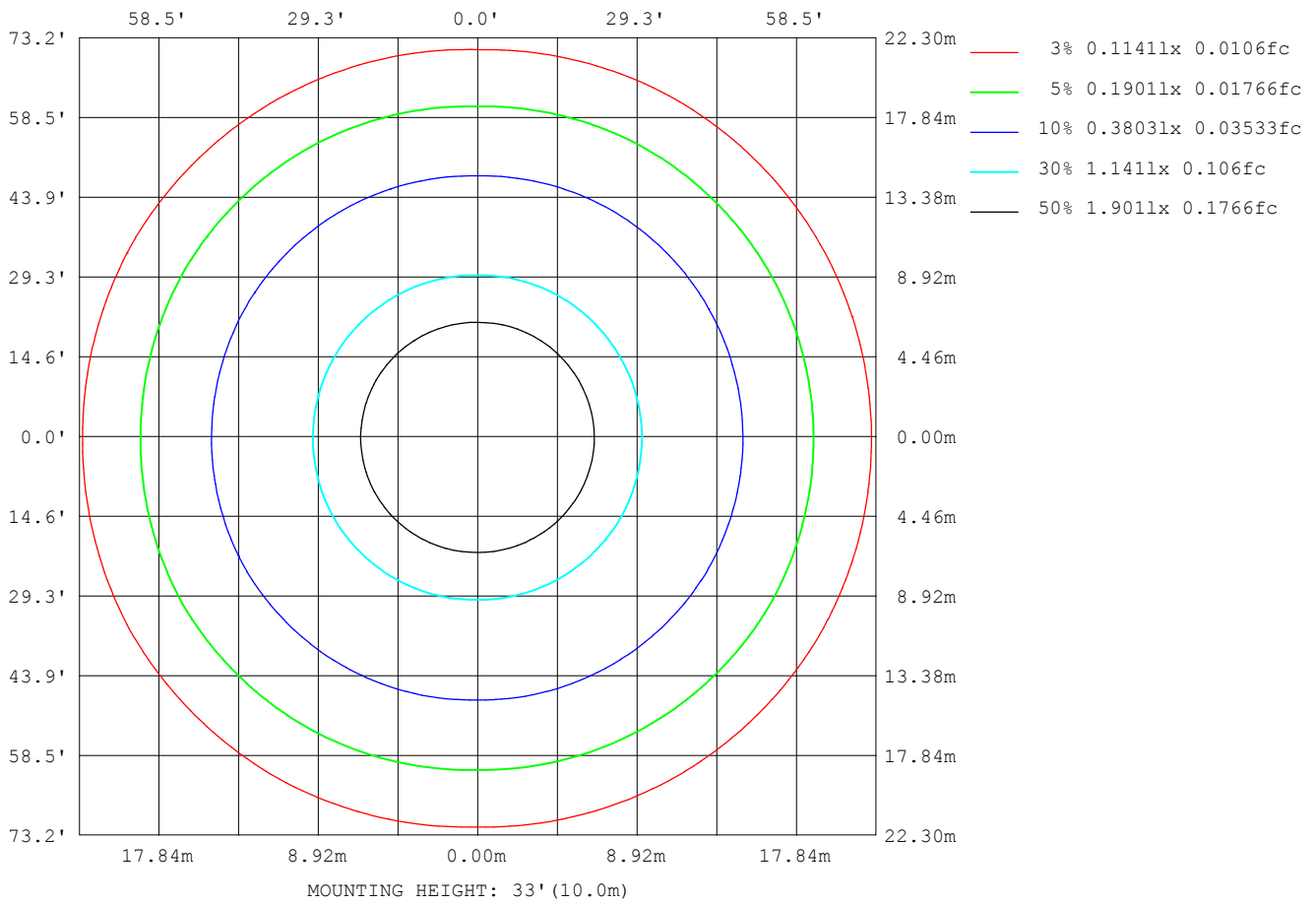


C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: 袁冠彬  
 Test Date: 2018-11-10

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:

**ISOLUX DIAGRAM**

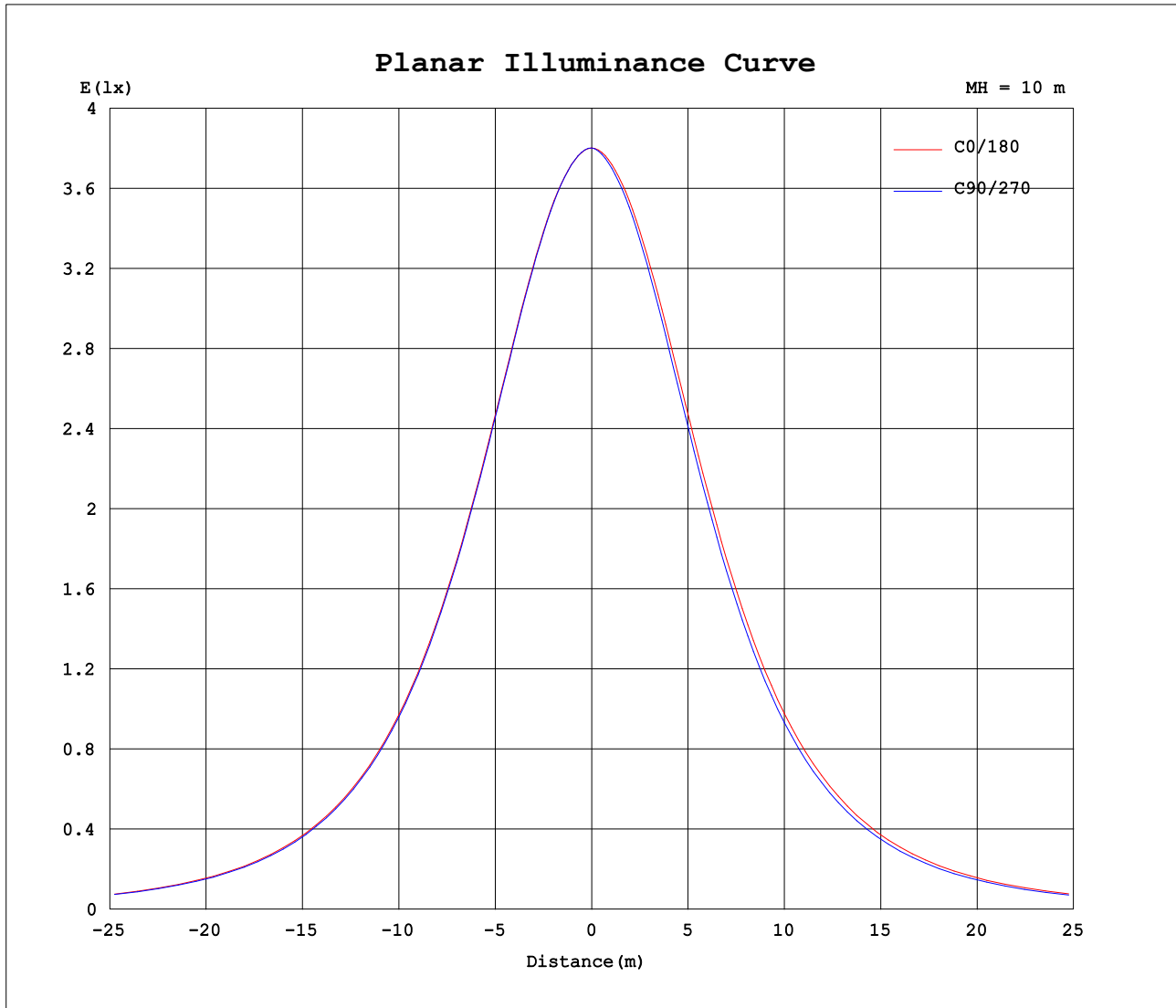
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 C Interval: 30.0DEG  
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γ Range: 0 - 90DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
 Humidity:65.0%  
 Test Distance:7.400m [K=1.0000]  
 Remarks:

Planar Illuminance Curve

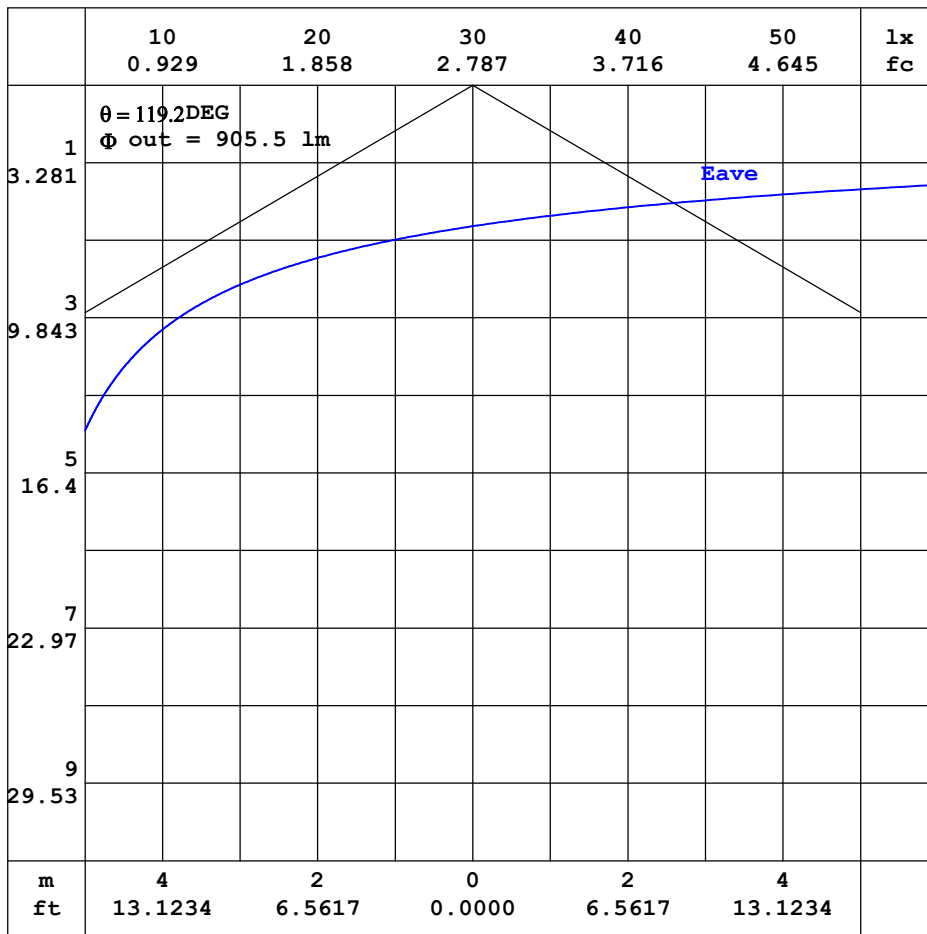


C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators: 袁冠彬  
 Test Date: 2018-11-10

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.362  
 Humidity: 65.0%  
 Test Distance: 7.400m [K=1.0000]  
 Remarks:

AAI CURVES

Test:U:120.3V I:0.2365A P:28.32W PF:0.9951 Freq:59.98Hz Lamp Flux:1249.77x1 lm		
NAME: Avenue-12 "	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2018110714
MFR.: EVERFINE	SUR.:0.272*0.264+1.072*0.045 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:2018-11-10

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  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:0.2365A P:28.32W PF:0.9951 Freq:59.98Hz Lamp Flux:1249.77x1 lm		
NAME: Avenue-12 "	TYPE:3500K	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:2018110714
MFR.: EVERFINE	SUR.:0.272*0.264+1.072*0.045 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	49.8	51.6	53.4	55.2	57.0	58.7	60.5	60.9	61.3	61.6	62.0	62.4	62.8	61.3	59.9	58.4	57.0	55.5	54.1
-85	49.8	52.0	54.1	56.3	58.4	60.6	62.8	63.6	64.3	65.1	65.7	66.4	67.0	65.9	64.7	63.4	62.2	60.8	59.5
-80	49.8	52.3	55.0	57.7	60.6	63.5	66.5	68.5	70.5	72.3	74.2	75.9	77.5	77.6	77.5	77.0	76.3	75.2	73.9
-75	49.8	52.7	56.0	59.6	63.5	68.4	73.8	78.2	82.5	86.6	90.7	94.4	97.7	99.7	101	102	102	101	100
-70	49.8	53.1	57.2	61.9	68.2	75.8	83.8	91.2	98.0	105	111	117	122	126	128	130	131	131	130
-65	49.8	53.6	58.6	65.2	74.3	84.6	95.5	106	115	124	133	140	147	152	156	159	161	161	161
-60	49.8	54.1	60.0	69.2	81.1	94.2	108	121	133	144	155	164	172	179	184	188	191	192	191
-55	49.8	54.6	61.8	73.7	88.3	104	120	136	150	164	176	187	197	205	211	216	219	220	220
-50	49.8	55.0	63.9	78.3	95.6	114	133	151	167	183	197	209	220	229	236	242	245	247	247
-45	49.8	55.5	66.0	83.0	103	123	144	164	184	200	216	229	241	251	259	265	269	272	272
-40	49.8	56.0	68.2	87.4	109	132	155	177	198	216	233	248	261	272	281	287	292	294	294
-35	49.8	56.4	70.3	91.5	116	140	165	189	211	231	249	264	278	290	299	307	312	314	315
-30	49.8	56.7	72.3	95.3	121	147	173	198	222	243	262	279	294	306	316	324	329	332	333
-25	49.8	57.0	73.9	98.6	126	154	181	207	231	253	274	292	307	319	330	338	343	347	348
-20	49.8	57.2	75.4	101	130	159	187	214	239	262	283	301	317	331	341	349	355	358	360
-15	49.8	57.4	76.5	103	133	163	192	219	245	269	290	309	325	339	350	358	364	367	368
-10	49.8	57.4	77.2	105	135	165	195	223	249	273	295	314	331	345	356	365	370	373	375
-5	49.8	57.4	77.5	106	136	167	197	225	252	276	298	318	334	349	360	368	374	377	379
0	49.8	57.3	77.5	106	136	167	198	226	252	277	299	318	336	350	361	370	375	379	380
5	49.8	57.4	77.5	105	136	167	197	225	251	275	297	317	333	347	358	367	372	376	377
10	49.8	57.4	77.1	105	135	165	194	222	248	272	293	312	329	343	353	362	367	371	372
15	49.8	57.3	76.3	103	132	162	191	218	243	266	287	306	322	335	346	354	360	364	365
20	49.8	57.2	75.2	101	129	158	186	212	236	259	279	297	313	326	337	345	350	354	355
25	49.8	56.9	73.7	98.1	125	152	179	205	228	250	269	287	302	314	324	332	338	341	342
30	49.8	56.6	72.0	94.8	120	146	171	196	218	239	258	274	288	300	310	317	323	325	326
35	49.8	56.3	70.0	91.0	115	139	163	186	207	226	244	259	272	284	293	300	305	307	308
40	49.8	55.9	67.9	86.8	108	131	153	174	194	212	228	242	255	265	274	280	285	287	287
45	49.8	55.4	65.7	82.3	102	122	142	161	180	196	211	224	235	245	253	258	262	264	264
50	49.8	54.9	63.6	77.7	94.6	112	130	148	164	178	192	204	214	223	230	235	238	239	239
55	49.8	54.4	61.5	73.1	87.3	103	118	134	147	160	171	182	191	199	205	209	212	213	213
60	49.8	54.0	59.7	68.7	80.1	92.9	106	119	130	141	150	159	167	174	179	182	184	185	185
65	49.8	53.5	58.3	64.7	73.4	83.2	93.8	104	113	121	129	136	142	147	151	154	155	156	155
70	49.8	53.0	56.9	61.5	67.5	74.6	82.2	89.1	95.6	102	108	113	117	121	124	125	126	126	126
75	49.8	52.6	55.7	59.2	62.9	67.5	72.5	76.5	80.3	84.1	87.7	91.1	94.0	95.9	97.0	97.8	97.9	97.5	96.4
80	49.8	52.1	54.7	57.3	60.0	62.7	65.5	67.1	68.5	69.9	71.4	72.8	74.1	74.2	74.0	73.6	72.8	71.7	70.3
85	49.8	51.8	53.8	55.8	57.9	59.9	61.9	62.2	62.4	62.6	62.7	62.9	63.0	61.8	60.6	59.4	58.0	56.7	55.3
90	49.8	51.5	53.1	54.8	56.4	58.1	59.7	59.5	59.3	59.1	58.9	58.7	58.4	57.0	55.6	54.1	52.7	51.2	49.8

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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:

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MFR.: EVERFINE	SUR.:0.272*0.264+1.072*0.045 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	55.2	56.3	57.4	58.6	59.7	60.8	60.4	60.0	59.6	59.2	58.8	58.4	56.4	54.4	52.4	50.4	48.4	46.4
-85	60.5	61.5	62.5	63.4	64.2	65.0	64.4	63.7	62.9	62.1	61.3	60.5	58.2	55.9	53.5	51.1	48.7	46.4
-80	74.8	75.4	75.7	75.7	75.4	75.0	73.4	71.7	69.8	68.0	66.0	64.0	61.0	58.0	55.0	52.0	49.1	46.4
-75	101	101	100	99.0	97.3	94.9	91.4	87.7	83.7	79.5	75.3	70.9	65.6	60.8	56.8	53.1	49.5	46.4
-70	131	130	128	126	123	119	114	108	101	94.8	87.9	80.7	72.8	65.4	59.1	54.3	50.0	46.4
-65	161	160	158	154	150	144	137	129	121	112	102	92.1	81.5	71.4	62.3	55.6	50.4	46.4
-60	191	190	187	182	177	169	161	151	141	129	117	104	91.1	78.1	66.4	57.0	50.9	46.4
-55	220	218	214	209	202	194	184	173	160	147	133	117	101	85.3	70.8	58.9	51.4	46.4
-50	246	244	240	234	226	217	206	193	179	164	147	129	111	92.7	75.5	60.9	51.9	46.4
-45	271	268	264	257	249	238	226	212	197	180	161	141	120	99.8	80.1	63.1	52.4	46.4
-40	294	291	286	278	269	258	245	230	213	194	173	152	129	107	84.6	65.4	52.8	46.4
-35	314	311	305	297	288	276	262	246	228	207	185	162	137	113	88.8	67.5	53.2	46.4
-30	332	328	322	314	304	291	276	259	240	219	195	171	145	118	92.7	69.5	53.6	46.4
-25	346	342	336	328	317	304	289	271	251	228	204	178	151	123	96.1	71.1	53.9	46.4
-20	358	354	348	340	329	315	299	280	259	236	211	185	156	127	98.9	72.6	54.1	46.4
-15	367	363	357	349	337	324	307	288	266	243	217	189	160	131	101	73.7	54.3	46.4
-10	373	369	363	355	344	330	313	293	271	247	221	193	163	133	103	74.5	54.3	46.4
-5	377	373	367	359	348	333	316	296	274	250	223	195	165	134	103	74.9	54.3	46.4
0	378	375	369	361	349	335	317	297	275	250	224	195	165	134	104	74.9	54.2	46.4
5	375	372	366	358	346	332	315	295	273	249	223	194	165	134	103	74.8	54.2	46.4
10	370	367	361	352	341	327	311	291	270	246	220	192	163	132	102	74.3	54.2	46.4
15	363	359	354	345	334	320	304	285	264	241	215	188	160	130	101	73.5	54.1	46.4
20	353	350	344	335	324	311	295	277	256	234	209	183	155	127	98.4	72.3	53.9	46.4
25	341	337	331	323	313	299	284	267	247	225	202	176	150	122	95.4	70.7	53.7	46.4
30	325	322	316	309	298	286	271	254	236	215	193	169	143	117	91.9	69.0	53.4	46.4
35	307	304	299	292	282	270	256	241	223	203	182	159	136	112	87.9	66.9	52.9	46.4
40	286	284	279	273	264	253	240	225	208	190	170	149	127	105	83.6	64.8	52.5	46.4
45	264	262	258	251	243	233	221	208	192	176	158	138	118	98.4	79.0	62.4	52.1	46.4
50	239	237	234	228	221	212	201	189	175	160	144	127	109	91.1	74.3	60.2	51.6	46.4
55	213	211	208	204	197	189	180	169	157	143	129	114	98.9	83.6	69.6	58.1	51.0	46.4
60	185	184	181	177	172	165	157	148	137	126	114	102	88.8	76.4	65.1	56.2	50.5	46.4
65	156	155	153	150	146	140	134	126	118	109	99.3	89.3	79.2	69.6	61.0	54.7	50.0	46.4
70	126	126	125	123	120	116	111	105	98.6	91.9	84.9	77.8	70.5	63.6	57.7	53.4	49.5	46.4
75	97.2	97.4	97.0	95.9	94.5	92.4	88.9	85.1	81.0	76.7	72.4	68.1	63.3	58.9	55.4	52.1	49.1	46.4
80	71.5	72.3	72.8	73.0	73.0	72.6	70.9	69.0	66.9	65.0	63.1	61.1	58.6	56.1	53.6	51.0	48.6	46.4
85	56.5	57.6	58.7	59.8	60.8	61.7	61.1	60.5	59.8	59.1	58.4	57.7	55.8	54.0	52.1	50.2	48.3	46.4
90	51.0	52.3	53.6	54.9	56.2	57.5	57.1	56.8	56.5	56.2	55.9	55.6	54.0	52.5	51.0	49.4	47.9	46.4

C Range: 0 - 360DEG  
 C Interval: 30.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:袁冠彬  
 Test Date:2018-11-10

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: