

## Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)		1073.6 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	150.2V x 154.0H 115.6V x 115.2H 52.3V x 53.1H
Beam Flux	Total To 10% of Imax To 50% of Imax To 90% of Imax	3074.9 lumens per klm. 2983.0 lumens per klm. 2391.2 lumens per klm. 663.7 lumens per klm.
	Upward LOR Downward LOR	4.8 % 302.7 %
Luminaire Efficiency(Light Output Ratio)		307.5 %

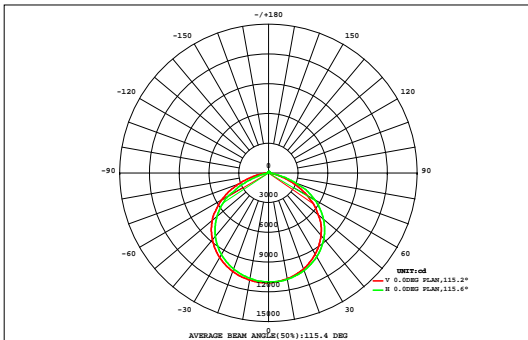
---

**H( $\beta$ ) Range:-90 - 90DEG**  
**H( $\beta$ ) Interval: 0.5DEG**  
**Test Speed: HIGH**  
**Temperature:25DEG**  
**Operators:DAMIN**  
**Test Date:2023-03-29**

**V(B) Range:-180 - 180DEG**  
**V(B) Interval: 0.5DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269**  
**Humidity:65.0%**  
**Test Distance:6.722m [K=1.0000]**  
**Remarks:**

**LUMINAIRE PHOTOMETRIC TEST REPORT**

NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:



DATA OF LAMP		Eff:156.62lm/W	
MODEL		I <sub>max</sub> (cd)	11074
NOMINAL POWER(W)	204	AVAILABILITY(%)	298.1
RATED VOLTAGE(V)	222	Avai. FLUX(lm)	30751
NOMINAL FLUX(lm)	10314.6	LOR(%)	307.5
LAMPS INSIDE	1	TOTAL FLUX(lm)	31715
TEST VOLTAGE(V)	221.3	θ @50%(H,V)	115,116DEG

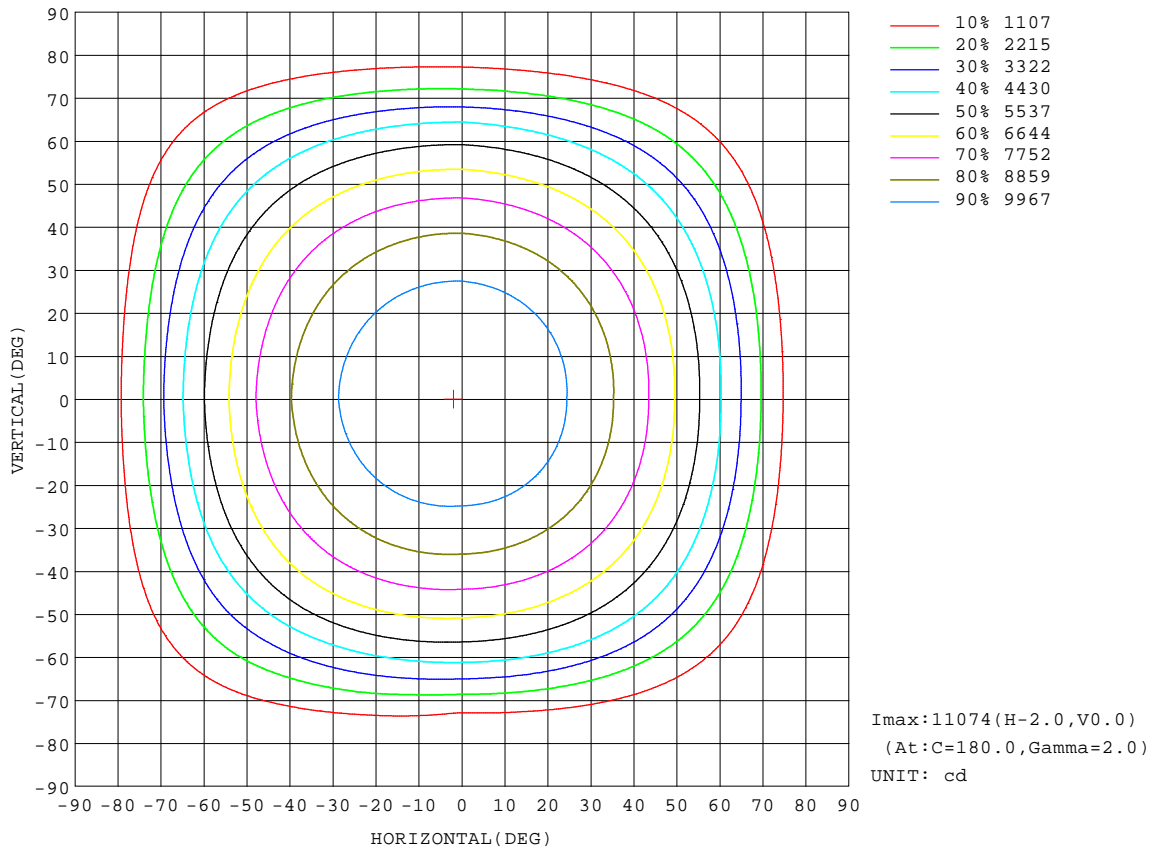
VERTICAL( DEG )	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a	
	0.15	0.55	1.18	2.08	3.09	4.08	4.87	5.28	5.18	4.74	4.06	3.14	2.21	1.45	0.93	0.58	0.32	0.11	44.0	0.00	
80	0.21	1.43	4.69	10.7	19.3	29.3	38.6	45.7	49.0	47.4	41.2	31.9	21.5	11.9	4.98	1.50	0.41	0.11	360	249	
70	0.33	3.23	12.2	28.7	51.1	76.0	99.6	117	126	124	111	90.7	65.0	39.6	18.8	5.80	0.89	0.11	971	943	
60	0.51	5.81	22.1	50.3	86.9	124	156	179	191	189	174	147	113	73.9	38.2	13.3	2.11	0.13	1567	1552	
50	0.71	8.72	32.4	71.3	117	162	200	227	241	240	222	191	150	104	58.0	22.1	3.89	0.16	2052	2043	
40	0.92	11.5	41.6	88.1	140	191	233	264	279	278	259	226	180	127	74.3	30.3	5.83	0.22	2431	2424	
30	1.10	14.0	49.0	100	158	212	257	290	306	305	286	250	202	144	86.3	37.0	7.56	0.27	2706	2700	
	1.25	15.7	54.0	109	169	225	273	307	324	322	303	265	215	156	94.1	41.3	8.82	0.32	2884	2879	
	1.33	16.7	56.5	113	175	232	281	316	333	331	311	273	221	161	97.4	43.2	9.43	0.34	2970	2966	
	1.33	16.6	56.2	113	174	232	280	315	332	330	310	272	220	160	97.0	42.9	9.32	0.34	2962	2957	
	1.24	15.4	53.0	108	168	224	271	304	321	319	300	263	213	154	93.0	40.3	8.51	0.31	2857	2852	
	1.09	13.5	47.4	98.3	155	209	254	286	301	300	281	246	199	142	84.3	35.4	7.09	0.26	2660	2654	
-30	0.90	11.0	39.5	84.7	137	186	228	257	272	270	253	220	176	123	70.9	28.2	5.26	0.20	2363	2355	
-40	0.70	8.14	29.9	66.3	111	155	192	218	231	229	213	184	144	97.9	53.0	19.6	3.32	0.15	1956	1946	
-50	0.50	5.41	19.6	44.7	77.7	113	144	167	177	175	161	135	101	64.7	32.6	10.8	1.71	0.12	1431	1414	
-60	0.33	3.06	10.5	23.6	41.6	61.8	80.6	94.0	99.8	97.9	88.3	71.7	50.9	30.2	13.7	4.12	0.72	0.11	773	734	
-70	0.21	1.37	4.26	8.68	13.9	19.4	23.9	26.2	25.3	23.7	21.6	17.2	11.6	6.51	2.97	1.07	0.35	0.10	209	83.1	
-80	0.15	0.54	1.12	1.88	2.63	3.15	3.26	2.89	2.10	1.66	1.67	1.53	1.28	0.99	0.72	0.51	0.31	0.11	26.5	0.00	
-90																					
	Φ t	13.0	153	535	1122	1801	2460	3021	3421	3614	3588	3340	2890	2287	1599	921	378	75.9	3.47	31221	---
	Φ a	0.00	117	505	1093	1772	2432	2994	3396	3588	3563	3316	2865	2261	1572	893	347	37.3	0.00	---	30751

one-half-peak spread: U:56.7,D:59.4 , L:58.2,R:57.5 NEMA Beam Type: Type 7

<b>H(β) Range:-90 - 90DEG</b>	<b>V(B) Range:-180 - 180DEG</b>
<b>H(β) Interval: 0.5DEG</b>	<b>V(B) Interval: 0.5DEG</b>
<b>Test Speed: HIGH</b>	<b>Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269</b>
<b>Temperature:25DEG</b>	<b>Humidity:65.0%</b>
<b>Operators:DAMIN</b>	<b>Test Distance:6.722m [K=1.0000]</b>
<b>Test Date:2023-03-29</b>	<b>Remarks:</b>

**ISOCANDELA DIAGRAM**

<b>NAME:</b>	<b>TYPE:</b>	<b>WEIGHT:</b>
<b>DIM.:</b>	<b>SPEC.:</b>	<b>SERIAL No.:</b>
<b>MFR.: EVERFINE</b>	<b>SUR.:</b>	<b>PROTECTION ANGLE:</b>

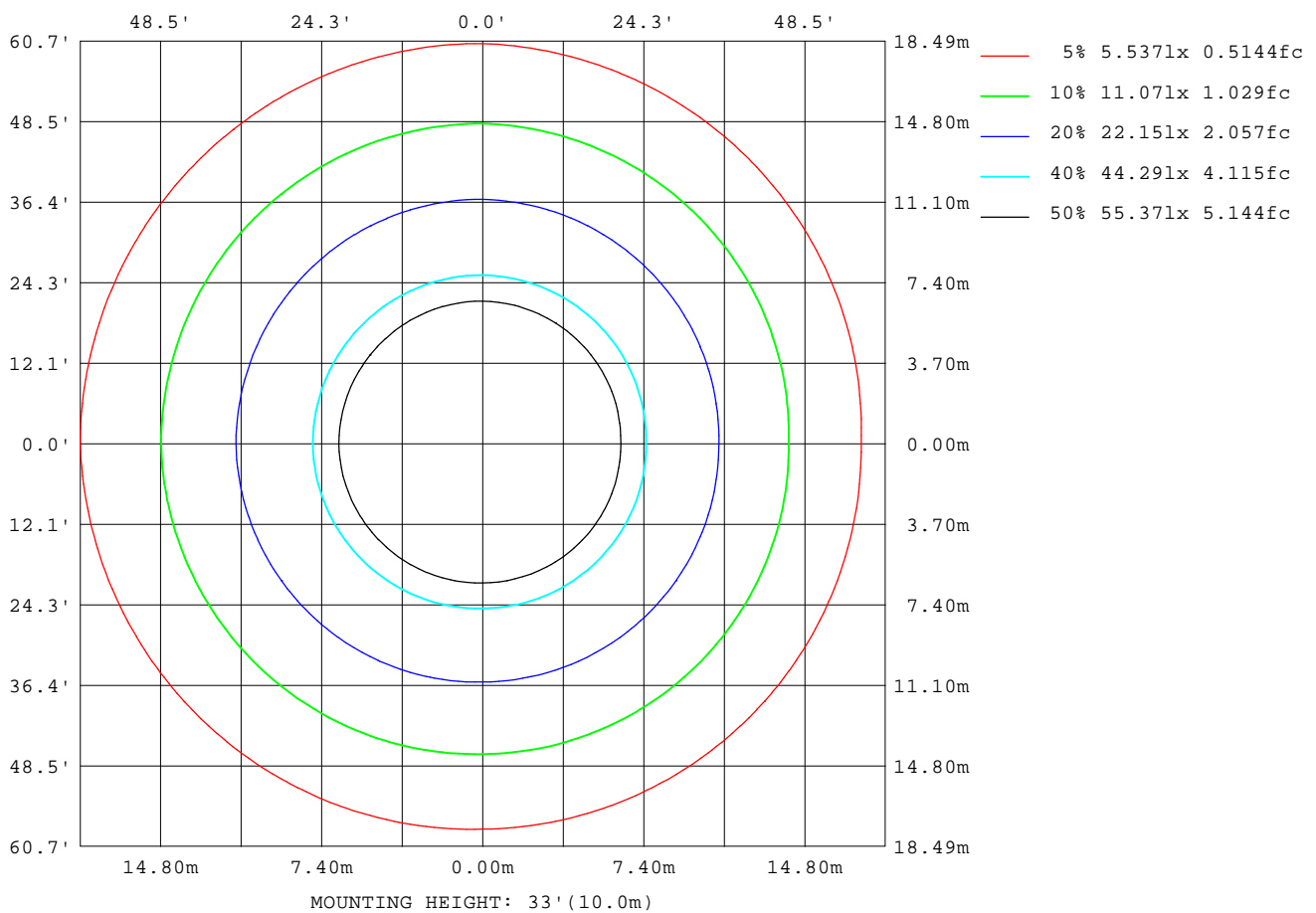


**H( $\beta$ ) Range:-90 - 90DEG**  
**H( $\beta$ ) Interval: 0.5DEG**  
**Test Speed: HIGH**  
**Temperature:25DEG**  
**Operators:DAMIN**  
**Test Date:2023-03-29**

**V(B) Range:-180 - 180DEG**  
**V(B) Interval: 0.5DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269**  
**Humidity:65.0%**  
**Test Distance:6.722m [K=1.0000]**  
**Remarks:**

**ISOLUX DIAGRAM**

<b>NAME:</b>	<b>TYPE:</b>	<b>WEIGHT:</b>
<b>DIM.:</b>	<b>SPEC.:</b>	<b>SERIAL No.:</b>
<b>MFR.: EVERFINE</b>	<b>SUR.:</b>	<b>PROTECTION ANGLE:</b>

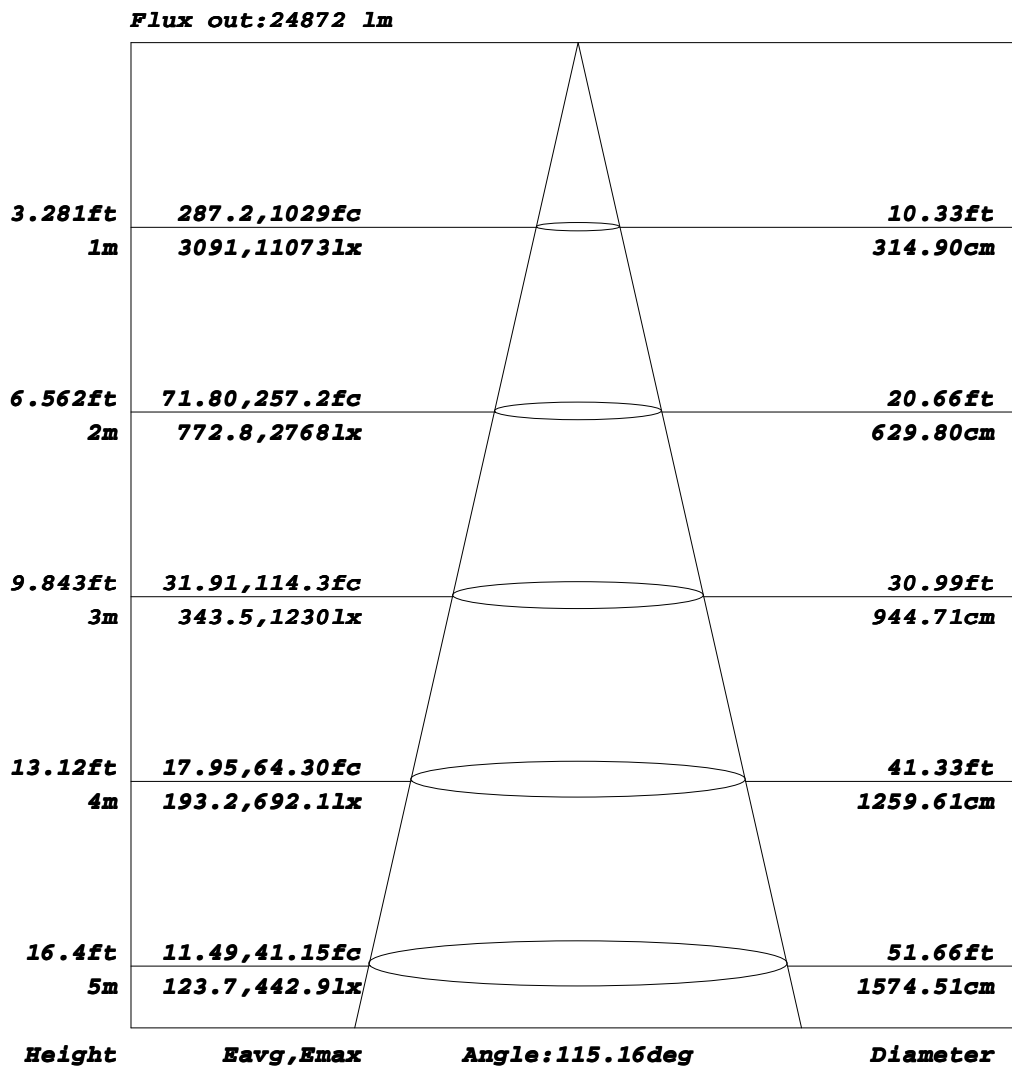


**H( $\beta$ ) Range: -90 - 90DEG**  
**H( $\beta$ ) Interval: 0.5DEG**  
**Test Speed: HIGH**  
**Temperature: 25DEG**  
**Operators: DAMIN**  
**Test Date: 2023-03-29**

**V(B) Range: -180 - 180DEG**  
**V(B) Interval: 0.5DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.269**  
**Humidity: 65.0%**  
**Test Distance: 6.722m [K=1.0000]**  
**Remarks:**

**AAI Figure**

NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

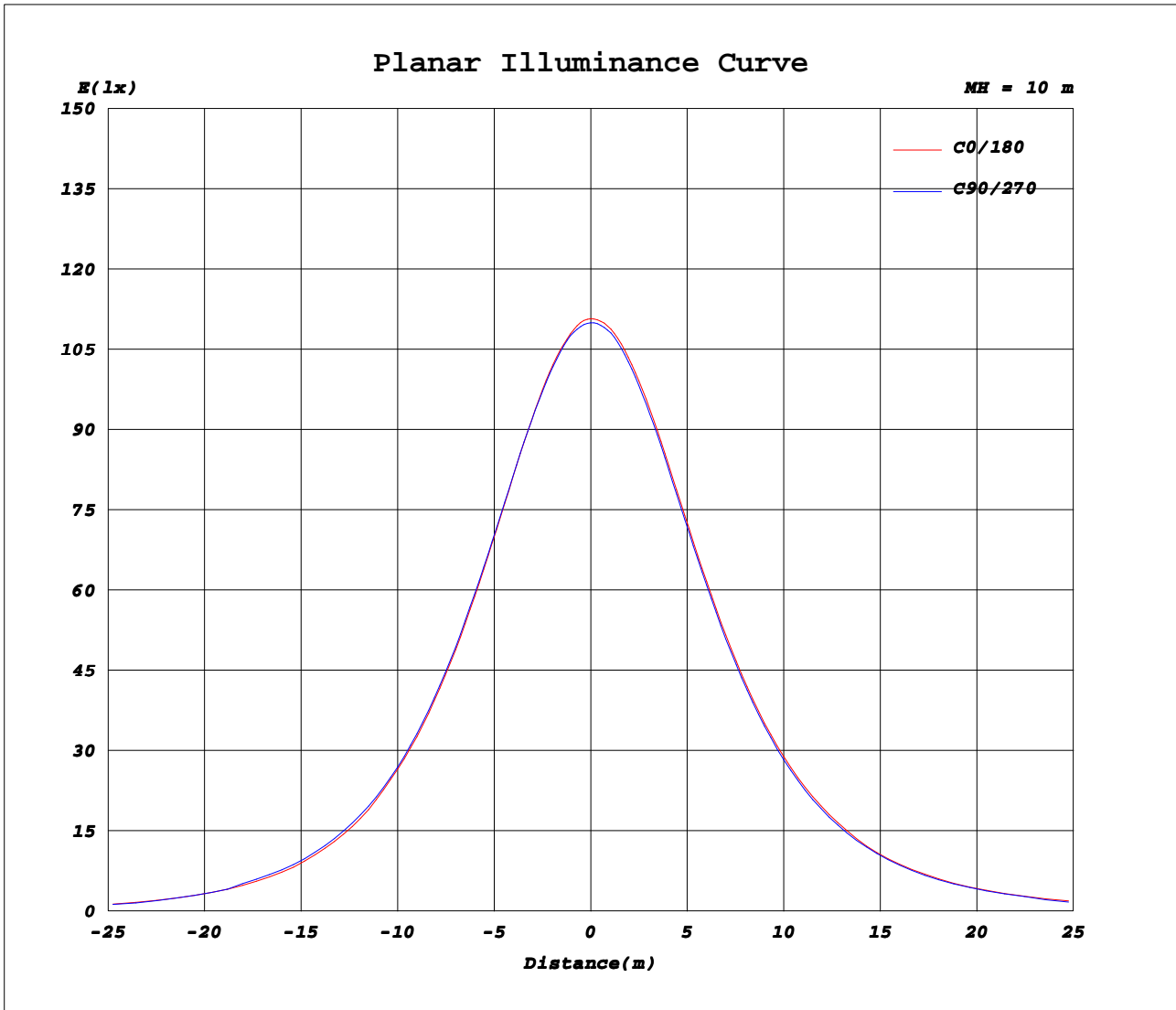


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range: -90 - 90DEG  
H(β) Interval: 0.5DEG  
Test Speed: HIGH  
Temperature: 25DEG  
Operators: DAMIN  
Test Date: 2023-03-29

V(B) Range: -180 - 180DEG  
V(B) Interval: 0.5DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.269  
Humidity: 65.0%  
Test Distance: 6.722m [K=1.0000]  
Remarks:

**Planar Illuminance Curve**



**H( $\beta$ ) Range: -90 - 90DEG**  
**H( $\beta$ ) Interval: 0.5DEG**  
**Test Speed: HIGH**  
**Temperature: 25DEG**  
**Operators: DAMIN**  
**Test Date: 2023-03-29**

**V(B) Range: -180 - 180DEG**  
**V(B) Interval: 0.5DEG**  
**Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.0.269**  
**Humidity: 65.0%**  
**Test Distance: 6.722m [K=1.0000]**  
**Remarks:**

**LUMINOUS DISTRIBUTION INTENSITY DATA**

<b>NAME:</b>	<b>TYPE:</b>	<b>WEIGHT:</b>
<b>DIM.:</b>	<b>SPEC.:</b>	<b>SERIAL No.:</b>
<b>MFR.: EVERFINE</b>	<b>SUR.:</b>	<b>PROTECTION ANGLE:</b>

Table--1

UNIT: ×10cd

H( DEG) V( DEG)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-180	5.22	4.67	5.25	5.87	6.49	7.10	7.68	8.24	8.76	9.26	9.79	10.4	11.0	11.6	12.2	12.7	13.2	13.5	13.6
-170	5.22	4.66	5.23	5.84	6.45	7.04	7.62	8.16	8.67	9.15	9.65	10.2	10.8	11.3	11.9	12.4	12.8	13.1	13.2
-160	5.22	4.63	5.18	5.75	6.33	6.89	7.44	7.96	8.43	8.88	9.33	9.79	10.3	10.7	11.2	11.6	11.9	12.1	12.2
-150	5.22	4.59	5.08	5.61	6.14	6.65	7.15	7.63	8.07	8.47	8.85	9.22	9.57	9.91	10.2	10.5	10.7	10.8	10.9
-140	5.22	4.53	4.96	5.42	5.88	6.33	6.77	7.19	7.58	7.94	8.26	8.55	8.82	9.06	9.26	9.43	9.56	9.64	9.66
-130	5.22	4.46	4.81	5.19	5.57	5.94	6.31	6.65	6.98	7.28	7.55	7.79	8.01	8.19	8.33	8.44	8.52	8.56	8.57
-120	5.22	4.39	4.65	4.93	5.21	5.50	5.77	6.04	6.29	6.52	6.74	6.93	7.09	7.23	7.35	7.43	7.49	7.52	7.52
-110	5.22	4.38	4.47	4.65	4.83	5.02	5.20	5.37	5.54	5.69	5.83	5.96	6.07	6.17	6.24	6.30	6.35	6.37	6.37
-100	5.22	4.56	4.36	4.38	4.46	4.54	4.62	4.70	4.77	4.84	4.90	4.96	5.01	5.05	5.09	5.11	5.13	5.14	5.13
-90	5.22	5.15	5.08	5.01	4.94	4.87	4.80	4.73	4.67	4.60	4.53	4.46	4.39	4.32	4.25	4.18	4.11	4.04	3.98
-80	5.22	6.15	7.38	9.72	12.8	16.3	20.3	23.4	26.2	28.5	30.2	30.8	30.4	29.0	26.9	23.8	19.9	15.5	10.7
-70	5.22	7.57	14.1	25.2	38.0	52.7	68.0	82.5	98.7	115	135	151	162	176	182	188	192	191	186
-60	5.22	10.2	25.9	48.9	78.2	111	149	192	232	273	316	355	387	408	429	462	475	480	479
-50	5.22	13.7	39.6	79.4	128	190	251	317	385	438	505	549	585	619	645	664	676	680	679
-40	5.22	17.5	55.3	113	185	265	350	434	517	580	640	694	735	769	796	817	830	836	836
-30	5.22	21.7	70.2	143	236	334	435	531	607	686	746	798	843	879	908	931	945	952	952
-20	5.22	25.2	83.4	170	277	387	492	591	682	756	818	873	919	958	987	1009	1024	1032	1032
-10	5.22	27.5	93.0	190	303	425	536	630	725	799	863	919	967	1005	1036	1059	1074	1081	1080
0	5.22	28.4	97.4	200	315	440	552	646	743	817	882	939	986	1026	1058	1082	1098	1106	1107
10	5.22	27.5	93.8	192	307	430	539	634	729	803	868	923	971	1010	1041	1065	1080	1088	1089
20	5.22	25.3	84.8	175	285	397	503	599	691	765	828	882	929	968	998	1021	1037	1046	1048
30	5.22	21.8	71.8	150	247	348	452	544	621	700	761	813	858	895	925	949	965	974	976
40	5.22	17.6	56.5	120	197	284	370	460	536	600	661	715	757	793	821	843	858	866	868
50	5.22	13.8	40.4	84.4	142	209	278	346	422	479	534	579	618	652	680	701	714	722	724
60	5.22	10.3	26.5	51.2	86.3	129	174	225	273	320	362	415	448	475	498	516	528	535	537
70	5.22	7.63	14.5	26.2	40.3	58.9	81.1	106	132	156	179	206	224	239	260	275	283	288	288
80	5.22	6.17	7.50	10.1	13.5	17.5	22.1	26.5	30.8	34.8	39.7	44.2	48.7	52.1	54.8	56.3	56.6	55.8	53.9
90	5.22	5.17	5.11	5.06	5.01	4.96	4.91	4.86	4.80	4.75	4.70	4.65	4.60	4.54	4.49	4.44	4.39	4.34	4.29
100	5.22	4.57	4.39	4.41	4.50	4.59	4.68	4.77	4.85	4.93	5.00	5.07	5.13	5.18	5.23	5.26	5.29	5.31	5.32
110	5.22	4.39	4.49	4.68	4.87	5.07	5.25	5.44	5.62	5.78	5.93	6.07	6.19	6.30	6.39	6.46	6.51	6.54	6.55
120	5.22	4.40	4.67	4.95	5.25	5.54	5.83	6.10	6.36	6.61	6.83	7.02	7.20	7.35	7.47	7.57	7.64	7.68	7.69
130	5.22	4.47	4.83	5.21	5.60	5.98	6.36	6.71	7.04	7.35	7.63	7.88	8.10	8.29	8.44	8.56	8.65	8.70	8.71
140	5.22	4.54	4.97	5.44	5.91	6.37	6.81	7.24	7.63	8.00	8.33	8.62	8.88	9.12	9.32	9.49	9.62	9.69	9.71
150	5.22	4.59	5.09	5.62	6.16	6.68	7.18	7.66	8.11	8.52	8.89	9.25	9.60	9.93	10.2	10.5	10.7	10.8	10.8
160	5.22	4.63	5.18	5.76	6.34	6.91	7.46	7.98	8.46	8.91	9.35	9.80	10.3	10.7	11.1	11.5	11.8	12.0	12.0
170	5.22	4.66	5.24	5.85	6.46	7.05	7.63	8.17	8.68	9.17	9.66	10.2	10.7	11.3	11.9	12.4	12.8	13.0	13.0
180	5.22	4.67	5.25	5.87	6.49	7.10	7.68	8.24	8.76	9.26	9.79	10.4	11.0	11.6	12.2	12.7	13.2	13.5	13.5

**H(β) Range:-90 - 90DEG**  
**H(β) Interval: 0.5DEG**  
**Test Speed: HIGH**  
**Temperature:25DEG**  
**Operators:DAMIN**  
**Test Date:2023-03-29**

**V(B) Range:-180 - 180DEG**  
**V(B) Interval: 0.5DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269**  
**Humidity:65.0%**  
**Test Distance:6.722m [K=1.0000]**  
**Remarks:**

**LUMINOUS DISTRIBUTION INTENSITY DATA**

<b>NAME:</b>	<b>TYPE:</b>	<b>WEIGHT:</b>
<b>DIM.:</b>	<b>SPEC.:</b>	<b>SERIAL No.:</b>
<b>MFR.: EVERFINE</b>	<b>SUR.:</b>	<b>PROTECTION ANGLE:</b>

Table--2

UNIT: ×10cd

H( DEG) V( DEG)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-180	13.5	13.2	12.8	12.3	11.7	11.0	10.4	9.79	9.22	8.69	8.18	7.66	7.09	6.49	5.88	5.26	4.66	4.09
-170	13.1	12.9	12.5	12.0	11.4	10.8	10.2	9.66	9.11	8.60	8.11	7.59	7.04	6.45	5.85	5.24	4.65	4.09
-160	12.1	11.9	11.6	11.2	10.8	10.3	9.79	9.31	8.83	8.38	7.91	7.42	6.89	6.33	5.76	5.18	4.62	4.09
-150	10.9	10.7	10.5	10.2	9.92	9.57	9.19	8.81	8.43	8.03	7.60	7.14	6.65	6.14	5.62	5.09	4.58	4.09
-140	9.64	9.56	9.43	9.25	9.04	8.79	8.52	8.23	7.90	7.56	7.18	6.77	6.33	5.88	5.43	4.97	4.52	4.09
-130	8.56	8.51	8.43	8.31	8.17	7.98	7.77	7.54	7.27	6.97	6.65	6.31	5.95	5.57	5.19	4.82	4.45	4.09
-120	7.52	7.49	7.43	7.34	7.23	7.09	6.92	6.73	6.52	6.29	6.04	5.78	5.50	5.22	4.93	4.64	4.36	4.09
-110	6.37	6.35	6.30	6.24	6.17	6.08	5.96	5.84	5.70	5.54	5.38	5.20	5.02	4.84	4.65	4.46	4.27	4.09
-100	5.14	5.13	5.11	5.09	5.06	5.01	4.96	4.90	4.84	4.77	4.69	4.61	4.53	4.45	4.36	4.27	4.18	4.09
-90	3.98	3.99	4.00	4.00	4.01	4.01	4.02	4.03	4.03	4.04	4.05	4.05	4.06	4.07	4.07	4.08	4.09	4.09
-80	11.8	12.6	13.1	13.2	12.9	12.2	11.0	9.79	8.47	6.88	5.49	4.78	4.28	3.95	3.84	3.90	4.00	4.09
-70	185	179	169	158	146	126	110	90.3	69.2	51.2	35.1	23.9	14.8	8.72	5.10	3.99	3.91	4.09
-60	474	462	442	402	375	347	307	263	215	170	125	85.0	50.3	26.3	11.8	5.06	3.86	4.09
-50	674	663	644	619	588	548	502	451	377	314	244	175	113	59.9	25.3	7.97	3.93	4.09
-40	831	820	801	775	742	697	645	589	518	446	356	267	180	104	44.9	13.1	4.20	4.09
-30	947	935	916	888	853	810	758	693	620	539	450	346	243	145	66.6	19.2	4.57	4.09
-20	1028	1016	995	967	931	886	832	770	692	606	507	401	290	181	86.3	25.3	4.90	4.09
-10	1077	1065	1044	1015	976	931	875	812	738	642	548	439	320	203	99.8	29.7	5.11	4.09
0	1100	1084	1062	1031	991	945	889	824	751	653	560	449	330	211	105	31.5	5.19	4.09
10	1084	1071	1049	1020	981	935	880	816	743	647	552	443	325	207	102	30.5	5.17	4.09
20	1042	1028	1007	978	941	895	842	779	701	615	516	412	300	189	91.2	26.7	5.00	4.09
30	969	955	934	905	869	825	773	708	634	553	463	364	257	156	73.3	20.8	4.70	4.09
40	861	848	827	800	765	720	667	610	538	465	382	288	200	116	51.9	14.3	4.34	4.09
50	716	701	681	654	621	581	532	479	417	352	272	202	132	73.3	30.3	8.86	4.05	4.09
60	529	515	496	471	442	408	367	309	262	211	158	110	68.5	34.3	14.0	5.61	3.95	4.09
70	282	271	256	236	209	188	165	135	110	84.1	58.7	37.0	21.1	11.1	6.04	4.33	3.97	4.09
80	52.1	49.4	45.7	41.2	36.0	30.4	24.5	19.3	14.7	11.4	8.62	6.66	5.51	4.65	4.18	4.03	4.02	4.09
90	4.28	4.26	4.25	4.24	4.23	4.22	4.21	4.20	4.19	4.18	4.17	4.16	4.15	4.14	4.12	4.11	4.10	4.09
100	5.31	5.29	5.27	5.23	5.19	5.13	5.08	5.01	4.93	4.85	4.77	4.68	4.58	4.49	4.39	4.29	4.20	4.09
110	6.54	6.51	6.46	6.39	6.30	6.20	6.07	5.94	5.79	5.62	5.45	5.26	5.07	4.88	4.68	4.48	4.29	4.09
120	7.68	7.63	7.56	7.47	7.35	7.20	7.02	6.83	6.61	6.37	6.11	5.83	5.55	5.25	4.96	4.66	4.37	4.09
130	8.69	8.63	8.54	8.42	8.26	8.08	7.86	7.62	7.34	7.04	6.71	6.36	5.99	5.61	5.22	4.83	4.46	4.09
140	9.69	9.62	9.49	9.32	9.10	8.86	8.58	8.29	7.97	7.61	7.23	6.81	6.37	5.91	5.45	4.98	4.53	4.09
150	10.8	10.7	10.5	10.2	9.94	9.60	9.23	8.85	8.47	8.07	7.64	7.18	6.68	6.16	5.63	5.10	4.58	4.09
160	12.0	11.8	11.6	11.2	10.7	10.3	9.81	9.33	8.86	8.41	7.94	7.44	6.91	6.34	5.77	5.19	4.62	4.09
170	13.0	12.8	12.4	11.9	11.4	10.8	10.2	9.67	9.13	8.62	8.12	7.60	7.04	6.46	5.85	5.25	4.65	4.09
180	13.5	13.2	12.8	12.3	11.7	11.0	10.4	9.79	9.22	8.69	8.18	7.66	7.09	6.49	5.88	5.26	4.66	4.09

**H(β) Range:-90 - 90DEG**  
**H(β) Interval: 0.5DEG**  
**Test Speed: HIGH**  
**Temperature:25DEG**  
**Operators:DAMIN**  
**Test Date:2023-03-29**

**V(B) Range:-180 - 180DEG**  
**V(B) Interval: 0.5DEG**  
**Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.269**  
**Humidity:65.0%**  
**Test Distance:6.722m [K=1.0000]**  
**Remarks:**