

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)		1887.3 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of I <sub>max</sub> At 50% of I <sub>max</sub> At 90% of I <sub>max</sub>	82.5V x 79.4H 32.7V x 30.8H 7.1V x 11.4H
Beam Flux	Total To 10% of I <sub>max</sub> To 50% of I <sub>max</sub> To 90% of I <sub>max</sub>	998.4 lumens per klm. 810.9 lumens per klm. 283.8 lumens per klm. 25.7 lumens per klm.
	Upward LOR Downward LOR	0.0 % 99.8 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

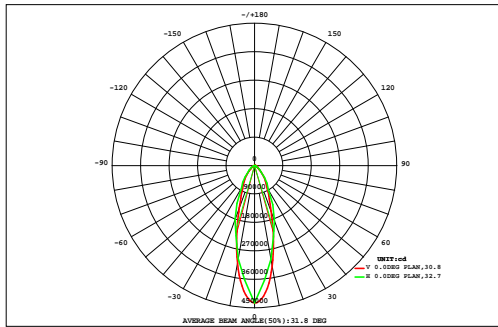
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H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:30 June 2022

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:11.900m [K=1.7311]  
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.8V I:6.790A P:1499W PF:0.9966 Freq:49.98Hz Lamp Flux:230045x1 lm		
NAME: FL1500W-07-G10	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:153.42lm/W	
MODEL		Imax(cd)	434154
NOMINAL POWER(W)	1500	AVAILABILITY(%)	81.7
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	187872
NOMINAL FLUX(lm)	230045	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	230045
TEST VOLTAGE(V)	220	q @50%(H,V)	31,33DEG

VERTICAL( DEG)	AREA FLUX DIAGRAM																UNIT:lm			F t	F a
	72	64	56	48	40	32	24	16	8	0	8	16	24	32	40	48	56	64	72		
72	6.97	14.0	24.2	36.5	49.7	63.7	77.4	89.1	96.7	96.7	89.4	78.2	64.8	51.1	37.8	25.2	14.8	7.42	924	0.00	
64	9.20	20.0	35.7	54.5	74.9	97.4	121	141	154	154	142	123	99.6	77.7	57.4	38.1	21.8	10.3	1431	0.00	
56	12.3	27.3	49.4	79.8	121	181	256	324	363	367	332	265	190	128	85.9	54.4	31.2	14.9	2881	0.00	
48	15.9	35.3	64.1	106	170	269	402	525	595	602	543	425	290	183	116	70.3	40.1	19.2	4471	0.00	
40	20.8	45.9	88.4	176	329	559	813	1030	1176	1179	1036	815	558	334	179	90.6	47.2	22.2	8499	5347	
32	24.5	54.5	112	244	482	829	1196	1533	1790	1796	1546	1194	807	470	238	111	56.1	26.3	12510	10307	
24	26.4	60.0	136	316	627	1081	1672	2527	3352	3397	2584	1704	1098	647	330	144	65.5	30.8	19798	17918	
16	28.2	64.6	152	370	743	1291	2068	3367	4786	4998	3720	2251	1378	814	420	179	75.0	34.9	26739	25108	
8	29.7	68.0	165	404	806	1391	2401	4416	6689	7107	5124	2779	1491	864	451	191	78.1	36.0	34491	32910	
0	32.9	75.1	190	458	889	1533	2786	5238	7686	7705	5220	2692	1446	842	430	179	74.9	34.6	37511	35982	
-8	31.4	70.6	169	399	781	1335	2166	3583	5013	5069	3635	2148	1295	757	387	166	72.4	33.8	27111	25429	
-16	28.5	63.5	140	323	639	1099	1662	2439	3275	3419	2670	1776	1158	685	355	159	71.6	33.8	19995	18160	
-24	25.2	55.6	112	238	461	797	1195	1614	1989	2058	1739	1288	872	520	274	132	65.5	31.6	13468	11221	
-32	22.9	49.7	94.8	184	336	563	817	1010	1105	1094	998	829	585	354	195	104	56.5	27.7	8425	5103	
-40	21.1	44.1	80.8	138	221	336	473	596	663	648	566	438	301	195	125	77.7	44.9	22.0	4990	388	
-48	16.7	34.3	59.9	92.5	133	187	254	315	346	346	314	252	185	133	94.9	62.8	36.8	18.4	2882	0.00	
-56	11.9	24.2	41.8	63.2	86.3	110	135	157	172	175	166	147	121	94.5	70.3	47.5	28.5	14.7	1666	0.00	
-64	8.78	16.6	27.7	41.2	55.2	68.9	81.3	91.0	97.4	98.6	93.3	84.2	72.5	59.0	45.4	31.7	19.7	10.8	1003	0.00	
-72	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL( DEG)	16	24	32	40	48	56	64	72				
F t	373	823	1742	3722	7004	11791	18578	28993	39348	40311	30515	19288	12013	7208	3893	1864	901	429	22879	---	
F a	0.00	0.00	0.00	116	3205	8999	16135	26651	37056	37874	28111	16856	9229	3515	126	0.00	0.00	0.00	---	187872	

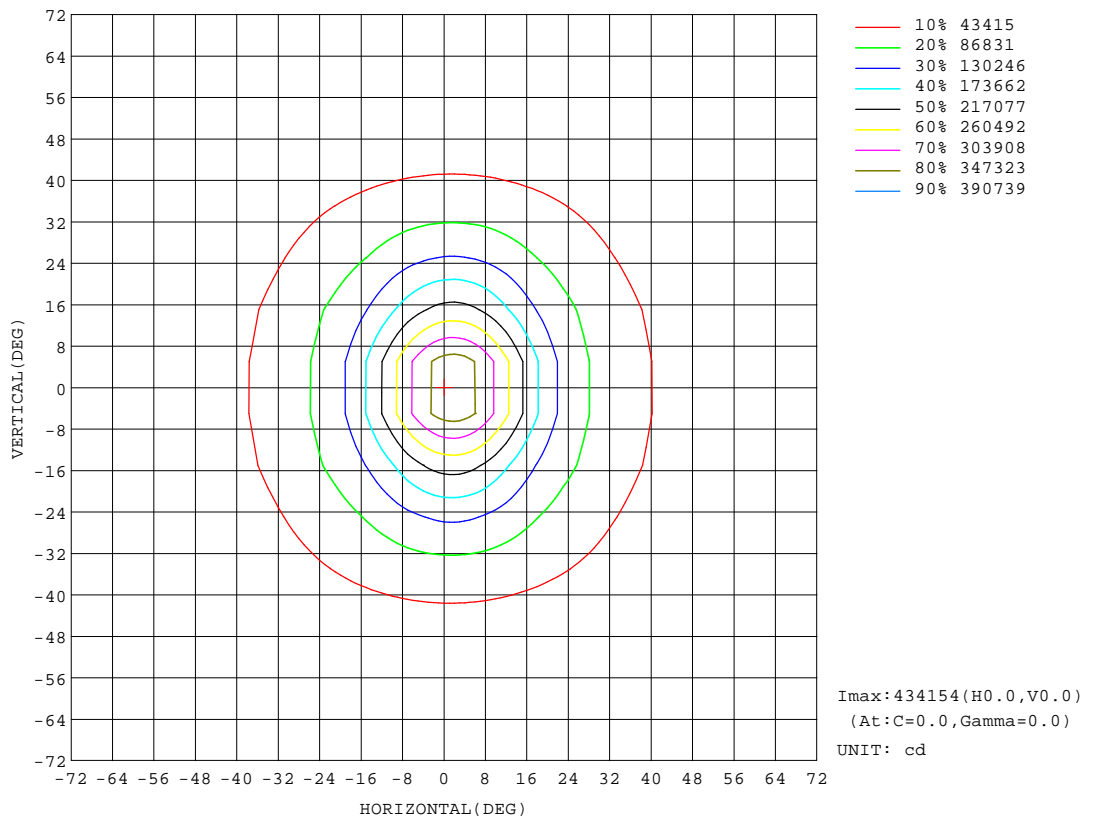
one-half-peak spread: U:16.8,D:16.4 , L:15.9,R:15.1 NEMA Beam Type: Type 5

H(β) Range:-90 - 90DEG  
H(β) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:30 June 2022

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:11.900m [K=1.7311]  
Remarks:

**ISOCANDELA DIAGRAM**

Test:U:220.8V I:6.790A P:1499W PF:0.9966 Freq:49.98Hz Lamp Flux:230045x1 lm		
NAME: FL1500W-07-G10	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

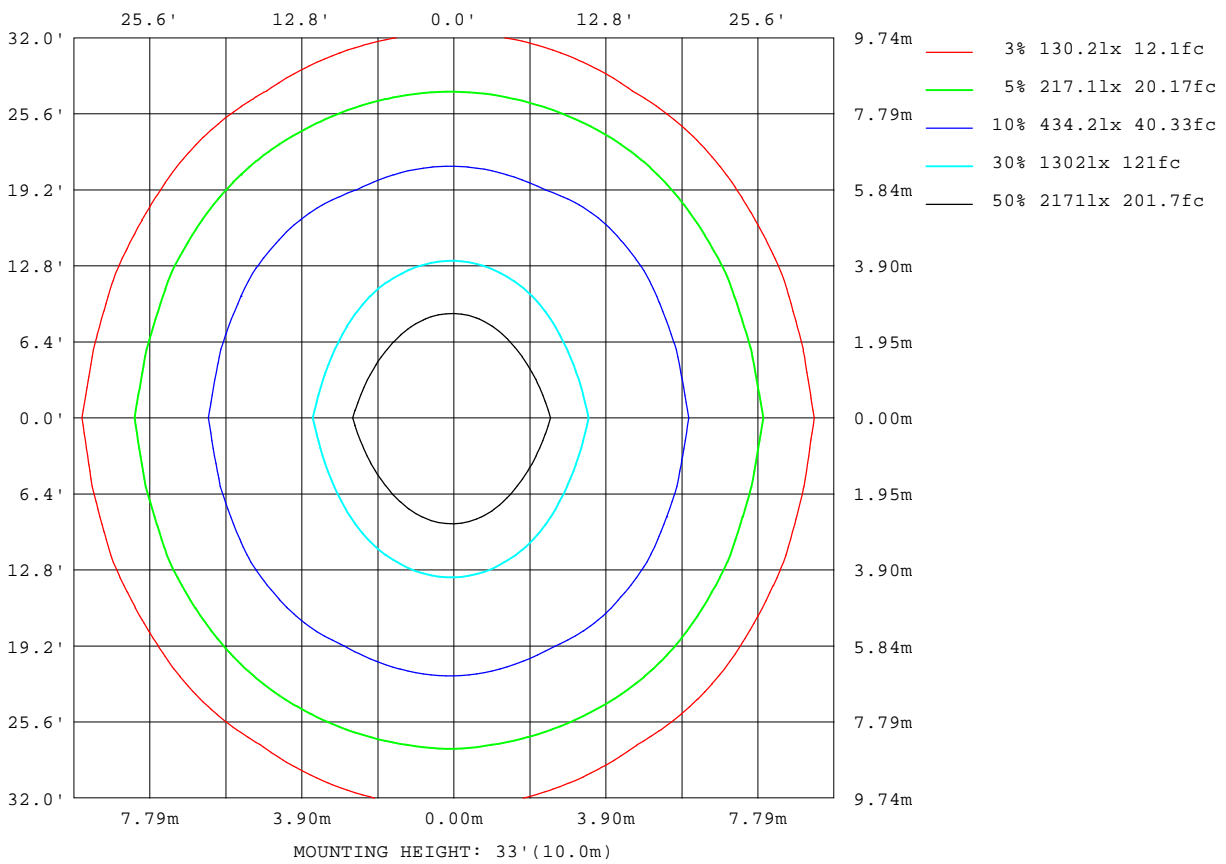


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Temperature:25.3DEG  
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Humidity:65.0%  
Test Distance:11.900m [K=1.7311]  
Remarks:

**ISOLUX DIAGRAM**

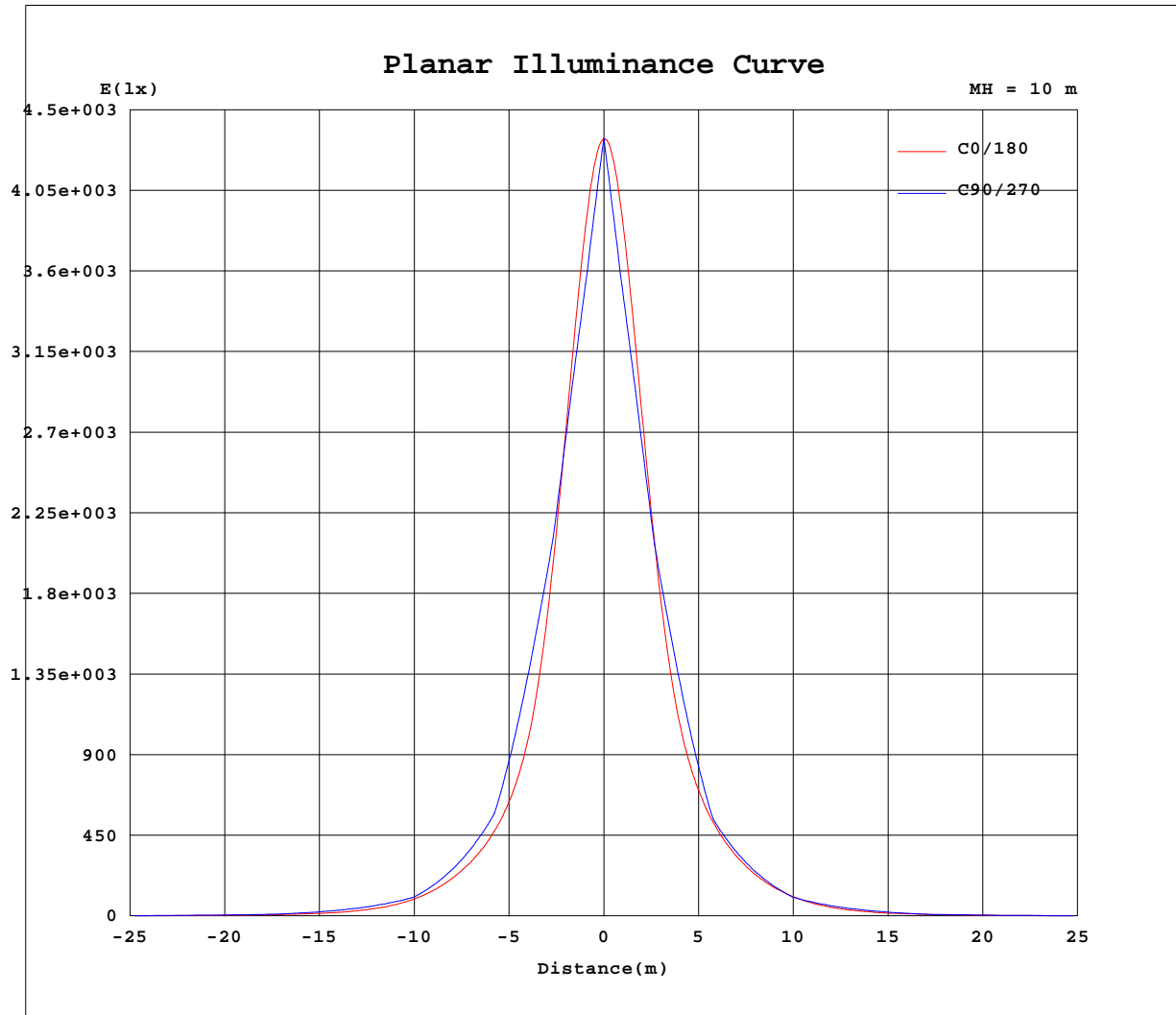
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Remarks:

Planar Illuminance Curve

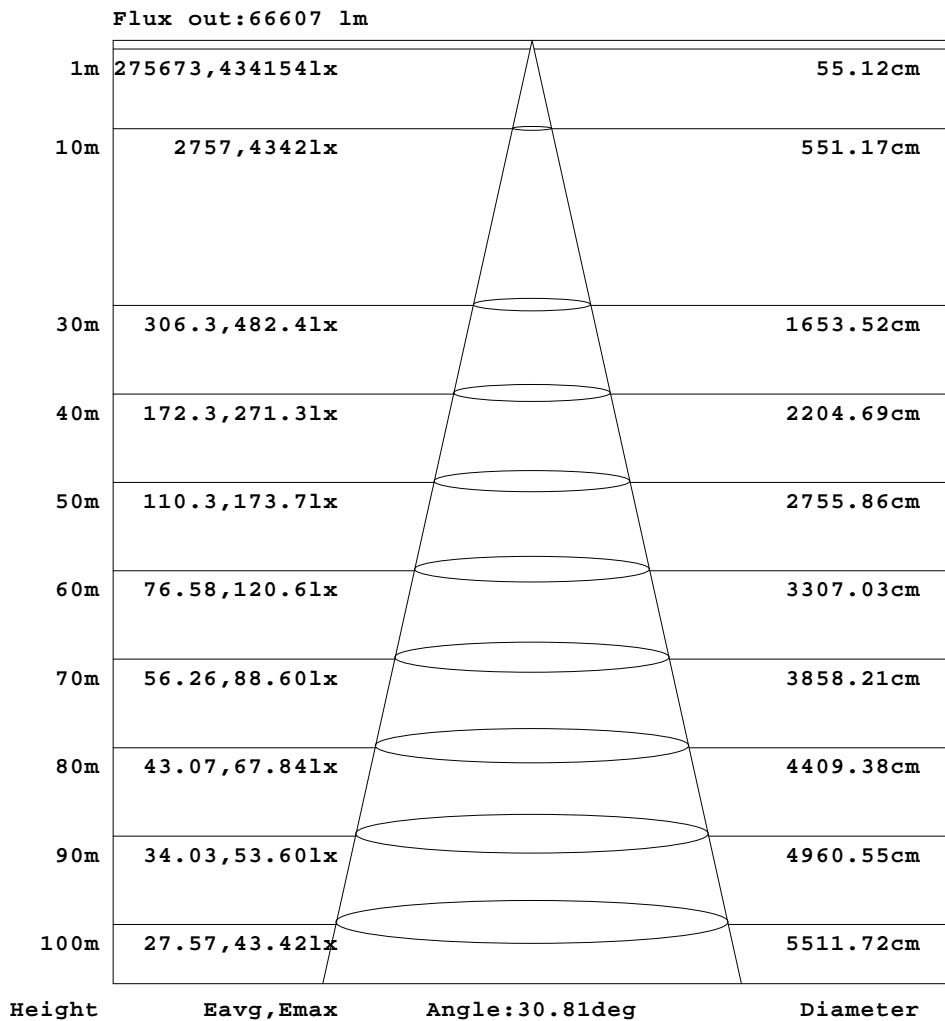


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 Remarks:

AAI Figure

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NAME: FL1500W-07-G10	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



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

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:30 June 2022

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:11.900m [K=1.7311]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.8V I:6.790A P:1499W PF:0.9966 Freq:49.98Hz Lamp Flux:230045x1 lm		
NAME: FL1500W-07-G10	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--1 UNIT: ×100cd

H( DEG) V( DEG)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-75	4.99	5.49	6.34	7.04	8.01	9.11	10.4	12.0	13.7	15.6	17.4	19.0	20.7	22.2	23.5	24.6	25.5	26.4	27.0
-70	5.07	5.90	7.14	8.73	10.8	13.3	16.2	19.4	22.8	26.3	29.6	32.7	35.9	39.0	41.8	44.1	46.1	47.6	48.1
-65	4.93	5.52	6.89	8.94	11.9	15.4	19.5	24.1	29.1	34.3	39.2	43.9	48.6	53.4	58.0	61.9	65.3	67.7	69.1
-60	5.03	6.04	8.13	11.4	15.7	20.7	26.4	32.7	39.6	46.3	52.6	58.8	65.1	71.5	77.5	82.5	86.6	89.3	90.3
-55	4.82	5.45	7.54	11.2	16.3	22.3	29.2	37.1	45.9	55.3	66.1	77.4	90.2	106	122	137	149	158	161
-50	4.87	6.09	9.52	14.8	21.6	29.2	38.2	48.3	59.6	72.6	88.7	106	127	152	179	202	220	230	233
-45	4.67	5.30	8.29	13.8	21.4	29.8	39.6	51.0	64.1	78.7	98.1	120	146	179	215	249	278	296	304
-40	4.51	5.96	10.7	18.0	27.1	37.3	49.4	63.9	83.6	111	147	190	244	304	362	415	459	488	496
-35	4.13	4.68	8.59	15.9	25.4	36.2	48.9	64.3	85.7	120	166	224	298	381	464	540	607	661	688
-30	3.93	5.64	11.7	21.0	32.0	44.8	60.0	79.4	112	162	228	314	417	526	629	721	803	863	881
-25	3.55	4.03	8.79	17.7	28.9	41.8	57.0	76.9	111	168	242	338	457	590	733	894	1085	1264	1365
-20	3.29	5.18	12.2	23.1	35.7	50.2	68.3	96.2	150	228	328	452	600	765	958	1214	1522	1772	1860
-15	2.94	3.37	8.89	19.2	31.9	46.5	64.1	88.7	140	221	328	461	622	805	1019	1312	1711	2106	2335
-10	2.80	4.74	12.4	24.2	38.0	53.7	73.8	108	177	277	401	551	730	950	1264	1744	2332	2827	3014
-5	2.60	3.00	8.57	19.3	32.5	47.7	66.2	94.0	153	246	368	515	688	908	1224	1751	2478	3201	3642
0	2.46	4.32	12.3	24.5	38.8	55.2	76.5	116	194	307	447	610	806	1080	1546	2310	3233	4029	4342
5	2.34	2.71	8.12	18.7	31.9	46.9	65.2	92.7	151	244	366	513	687	905	1220	1745	2470	3189	3630
10	2.27	4.01	11.4	23.0	36.5	52.0	71.7	106	174	273	397	548	727	944	1253	1729	2313	2804	2991
15	2.16	2.49	7.55	17.3	29.9	44.1	61.2	84.9	135	216	322	456	617	797	1006	1293	1687	2073	2299
20	2.20	3.70	10.3	20.7	33.0	47.1	64.4	91.1	144	221	321	447	595	756	941	1189	1489	1733	1821
25	2.23	2.45	6.64	15.0	25.8	38.2	52.8	71.4	104	160	234	331	451	582	718	870	1052	1223	1320
30	2.26	3.41	8.86	17.7	28.2	40.4	54.7	72.4	104	153	219	307	410	516	609	689	762	816	832
35	2.40	2.54	5.77	12.6	21.5	31.8	43.7	57.7	77.3	111	156	214	290	372	451	520	580	628	653
40	2.52	3.29	7.39	14.2	22.6	32.3	43.3	56.2	74.4	101	135	179	234	294	351	400	440	468	476
45	2.67	2.73	4.95	9.90	16.7	24.7	33.7	43.8	54.9	67.7	85.4	105	133	168	207	243	271	290	298
50	2.78	3.23	5.98	10.8	17.0	24.1	32.2	41.2	50.8	62.4	76.8	93.1	116	143	170	194	212	222	226
55	2.91	2.94	4.23	7.40	12.0	17.6	24.0	31.1	38.8	46.9	56.5	66.7	79.5	95.2	112	128	140	149	153
60	3.02	3.21	4.63	7.42	11.3	16.0	21.3	27.2	33.1	38.8	44.2	49.5	55.3	61.2	66.9	72.0	76.4	79.3	80.3
65	3.18	3.19	3.78	5.43	7.97	11.3	15.1	19.3	23.9	28.4	32.6	36.7	40.9	45.3	49.6	53.5	57.0	59.7	61.1
70	3.33	3.41	4.02	5.28	7.15	9.44	12.1	15.1	18.3	21.3	24.3	27.1	30.0	32.8	35.5	37.9	40.0	41.5	41.9
75	3.49	3.49	3.61	3.98	4.68	5.69	6.95	8.44	10.1	12.0	13.6	15.2	16.7	18.1	19.3	20.4	21.4	22.3	22.7
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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V(B) Range:-75 - 75DEG  
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Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:11.900m [K=1.7311]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

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SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--2

UNIT: ×100cd

H( DEG) V( DEG)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-75	27.0	26.4	25.6	24.6	23.5	22.2	20.7	19.2	17.6	15.8	14.0	12.3	10.7	9.37	8.32	7.47	6.72	5.81
-70	47.6	46.1	44.0	41.6	38.8	35.8	32.8	29.9	26.8	23.4	20.0	16.8	13.9	11.4	9.37	7.83	6.53	5.68
-65	68.9	67.1	64.3	60.7	56.5	51.9	47.3	42.9	38.5	33.7	28.7	23.8	19.4	15.3	12.0	9.29	7.36	6.05
-60	89.1	86.1	81.7	76.6	70.5	64.3	58.3	52.5	46.5	40.0	33.5	27.2	21.5	16.4	12.3	9.08	6.92	5.86
-55	160	154	143	129	114	97.8	83.8	72.6	62.5	53.0	44.3	36.0	28.5	21.8	16.0	11.3	7.98	6.19
-50	228	215	194	170	144	120	99.7	84.6	70.7	58.9	48.3	38.6	29.9	22.4	15.8	10.6	7.11	5.88
-45	301	287	263	231	195	160	130	108	89.7	73.7	60.6	48.6	38.0	28.7	20.5	13.6	8.56	6.23
-40	481	446	399	344	285	228	177	137	105	80.1	62.7	49.3	37.9	27.9	19.1	11.9	7.17	5.75
-35	679	636	574	503	424	340	262	195	143	105	77.2	60.2	46.5	34.7	24.5	15.4	8.90	5.94
-30	849	780	694	600	495	388	290	209	148	104	76.7	59.5	45.3	33.0	22.2	13.1	7.11	5.50
-25	1339	1194	994	809	657	520	396	289	204	139	94.6	70.0	53.4	39.6	27.6	16.9	9.08	5.64
-20	1736	1452	1136	890	707	549	412	296	203	134	89.4	66.3	50.0	36.3	24.1	13.7	6.94	5.24
-15	2282	1961	1522	1149	896	700	532	390	271	178	113	78.0	58.9	43.4	30.0	18.0	9.08	5.33
-10	2777	2237	1630	1165	870	663	500	361	244	156	98.6	70.9	53.2	38.4	25.3	14.0	6.68	4.97
-5	3557	2988	2208	1508	1050	779	590	439	305	197	122	81.2	60.8	44.7	30.7	18.1	8.80	4.98
0	3971	3135	2175	1423	983	731	555	405	272	170	104	73.4	54.8	39.5	25.7	13.8	6.33	4.68
5	3548	2984	2207	1509	1049	777	589	438	303	195	121	80.1	60.0	44.0	30.1	17.5	8.30	4.58
10	2762	2231	1630	1165	867	659	498	358	241	153	96.1	68.8	51.5	37.1	24.0	12.9	5.75	4.21
15	2253	1947	1519	1151	894	694	527	387	267	173	108	74.5	56.2	41.2	28.1	16.3	7.57	4.11
20	1706	1434	1129	887	701	542	406	290	197	127	84.2	62.1	46.6	33.4	21.5	11.4	4.99	3.68
25	1298	1164	975	800	649	511	388	282	196	131	87.2	64.2	48.8	35.6	24.1	13.8	6.37	3.49
30	805	746	673	587	484	378	281	200	139	94.4	68.7	53.2	40.0	28.4	18.0	9.48	4.06	3.08
35	646	609	556	491	413	330	252	185	133	94.6	68.2	52.9	40.4	29.5	19.8	11.3	5.23	3.01
40	463	432	389	336	276	217	166	126	93.5	69.9	54.2	42.3	31.8	22.6	14.2	7.49	3.40	2.79
45	296	283	259	225	187	150	118	96.0	77.6	62.4	51.2	40.8	31.2	22.8	15.1	8.58	4.13	2.67
50	221	209	188	162	135	109	88.5	73.7	60.1	49.4	40.2	31.6	23.7	16.8	10.7	5.83	3.06	2.72
55	152	146	135	121	104	87.9	73.6	62.8	53.2	44.3	36.6	29.2	22.3	16.3	10.9	6.53	3.67	2.80
60	78.9	75.7	71.2	66.1	60.3	54.6	49.3	44.2	38.7	32.9	26.9	21.2	15.9	11.3	7.39	4.51	3.04	2.87
65	60.7	58.8	55.8	52.3	48.3	43.9	39.8	35.9	31.9	27.5	22.9	18.4	14.2	10.6	7.42	4.97	3.47	3.03
70	41.2	39.7	37.7	35.4	32.8	30.0	27.3	24.5	21.6	18.4	15.2	12.3	9.56	7.22	5.32	3.98	3.31	3.21
75	22.6	22.0	21.3	20.4	19.5	18.2	16.8	15.4	13.7	11.9	10.0	8.39	6.92	5.67	4.62	3.88	3.53	3.38
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

H<sub>(β)</sub> Range:-90 - 90DEG  
H<sub>(β)</sub> Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:30 June 2022

V(B) Range:-75 - 75DEG  
V(B) Interval: 5.0DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.0.362  
Humidity:65.0%  
Test Distance:11.900m [K=1.7311]  
Remarks: