

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	341.5 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	-2.0 degrees horizontal

Beam Spread	At 10% of Imax	132.9V x 143.5H
	At 50% of Imax	121.5V x 98.1H
	At 90% of Imax	88.6V x 46.8H

Beam Flux	Total	1000.0 lumens per klm.
	To 10% of Imax	953.9 lumens per klm.
	To 50% of Imax	852.6 lumens per klm.
	To 90% of Imax	321.8 lumens per klm.

Upward LOR	2.3 %
Downward LOR	97.7 %

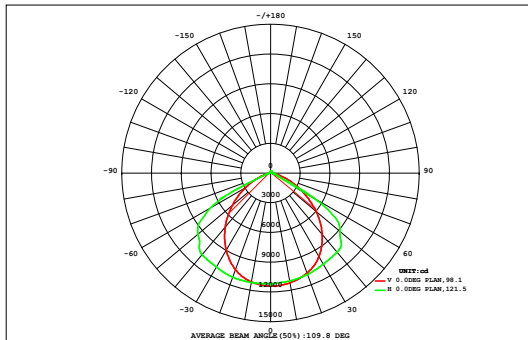
Luminaire Efficiency (Light Output Ratio)	100.0 %
---	---------

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-07-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 9.250m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:218.32V I:0.9249A P:199.11W PF:0.9861 Freq:49.99Hz Lamp Flux:33387.7x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:167.68lm/W	
MODEL		Imax(cd)	11400
NOMINAL POWER(W)	200	AVAILABILITY(%)	95.4
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	31865
NOMINAL FLUX(lm)	33387.7	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	33388
TEST VOLTAGE(V)	220	θ @50% (H,V)	98,122DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.21	0.72	1.36	2.15	3.00	3.71	4.24	4.54	4.59	4.45	4.17	3.67	3.03	2.35	1.78	1.27	0.79	0.28	46.3	0.00
90	0.21	0.72	1.36	2.15	3.00	3.71	4.24	4.54	4.59	4.45	4.17	3.67	3.03	2.35	1.78	1.27	0.79	0.28	46.3	0.00
80	0.25	1.11	2.79	5.21	7.80	10.4	13.3	15.7	15.5	15.0	14.4	11.8	8.98	6.35	3.92	2.08	0.96	0.29	136	0.00
70	0.30	1.78	5.27	10.9	29.7	68.1	97.5	113	112	109	104	86.4	57.6	23.8	8.10	3.65	1.29	0.31	833	763
60	0.37	2.70	9.10	37.3	111	174	211	241	258	254	229	193	153	95.2	29.0	6.20	1.79	0.33	2007	1979
50	0.44	3.82	18.0	75.6	146	210	255	286	305	301	273	235	186	126	62.8	12.7	2.43	0.36	2499	2480
40	0.51	5.09	30.1	91.0	157	225	274	307	326	321	294	253	201	137	76.3	22.7	3.18	0.39	2725	2711
30	0.58	6.41	37.3	95.1	164	229	283	317	334	330	305	263	206	143	79.8	28.8	3.97	0.42	2825	2814
20	0.64	7.57	39.2	94.5	163	231	287	323	339	335	312	270	209	142	79.0	30.2	4.68	0.45	2866	2856
10	0.67	8.23	37.2	89.4	158	228	287	325	341	336	317	271	206	137	74.0	28.2	5.05	0.46	2848	2838
0	0.67	8.15	36.5	88.7	156	225	283	320	335	338	317	270	206	136	74.1	27.5	4.99	0.46	2827	2817
-10	0.64	7.41	36.9	92.6	159	223	276	310	329	331	310	268	208	142	79.3	27.8	4.57	0.45	2805	2794
-20	0.59	6.32	33.1	91.8	157	218	267	302	322	322	300	260	204	143	79.7	24.0	3.93	0.43	2733	2721
-30	0.52	5.07	24.4	84.7	151	211	257	292	314	312	287	249	200	138	72.4	16.6	3.18	0.40	2619	2602
-40	0.44	3.81	14.6	62.0	136	199	240	273	296	294	268	232	188	124	47.2	9.75	2.45	0.37	2390	2366
-50	0.37	2.70	8.83	24.9	86.0	152	188	217	233	232	212	179	136	66.0	17.0	6.09	1.81	0.34	1762	1722
-60	0.31	1.80	5.25	10.3	18.6	41.7	65.1	73.9	67.4	64.2	64.6	51.5	30.0	14.0	7.91	3.71	1.35	0.32	522	401
-70	0.27	1.17	2.85	5.25	7.75	10.2	12.3	13.8	14.3	14.0	13.1	11.4	9.05	6.52	4.10	2.24	1.06	0.31	130	0.00
-80	0.23	0.83	1.61	2.54	3.53	4.27	4.81	5.12	5.17	5.08	4.88	4.46	3.88	3.18	2.38	1.63	0.94	0.30	54.8	0.00
-90	0.23	0.83	1.61	2.54	3.53	4.27	4.81	5.12	5.17	5.08	4.88	4.46	3.88	3.18	2.38	1.63	0.94	0.30	54.8	0.00
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL (DEG) 20 30 40 50 60 70 80 90																				
Φ t	8.02	74.7	345	964	1815	2664	3307	3737	3951	3916	3628	3111	2416	1584	799	255	48.4	6.68	32630	---
Φ a	0.00	18.7	292	917	1772	2623	3265	3692	3900	3864	3583	3069	2375	1542	754	199	0.00	0.00	---	31865

one-half-peak spread: U:21.4,D:26.3 , L:44.5,R:44.1

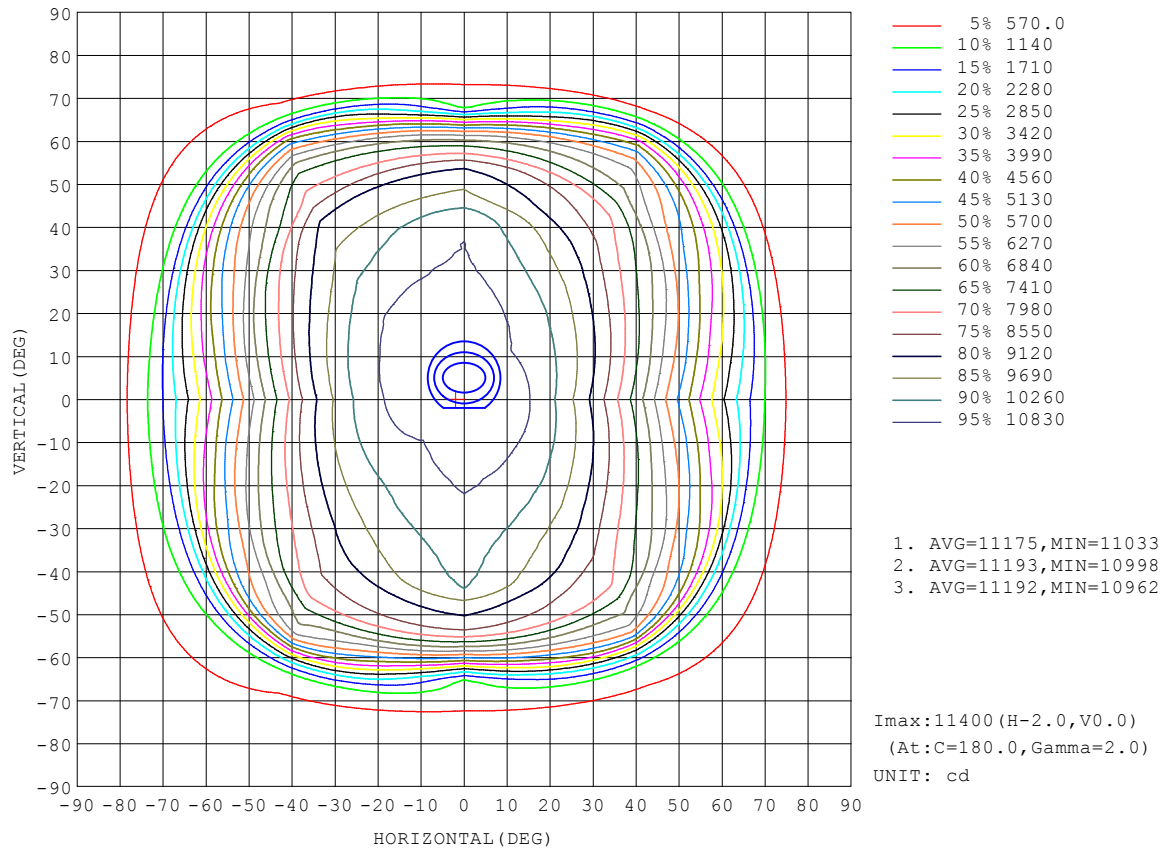
NEMA Beam Type: Type 7

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2025-07-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.250m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:218.32V I:0.9249A P:199.11W PF:0.9861 Freq:49.99Hz Lamp Flux:33387.7x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

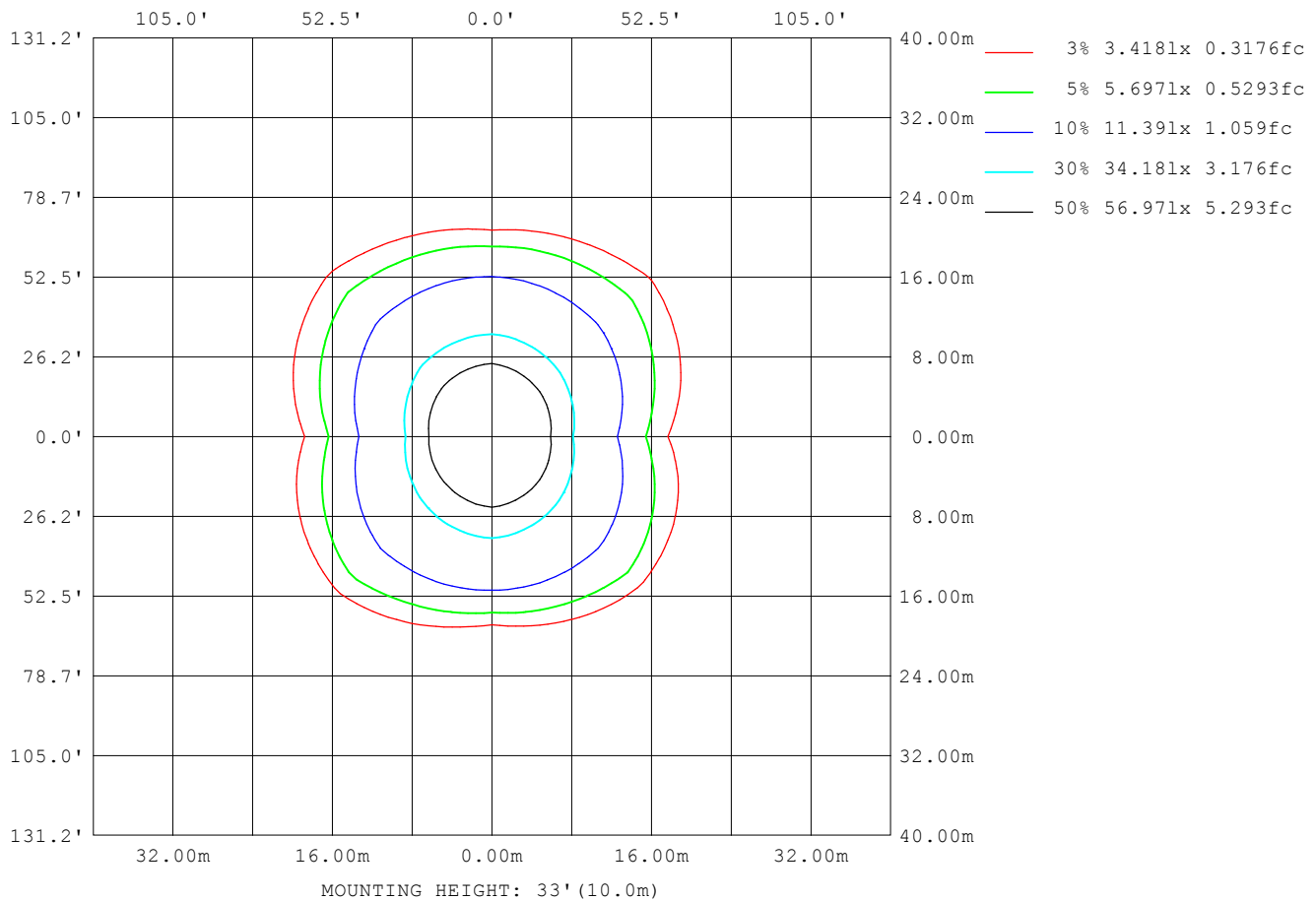


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-07-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 9.250m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

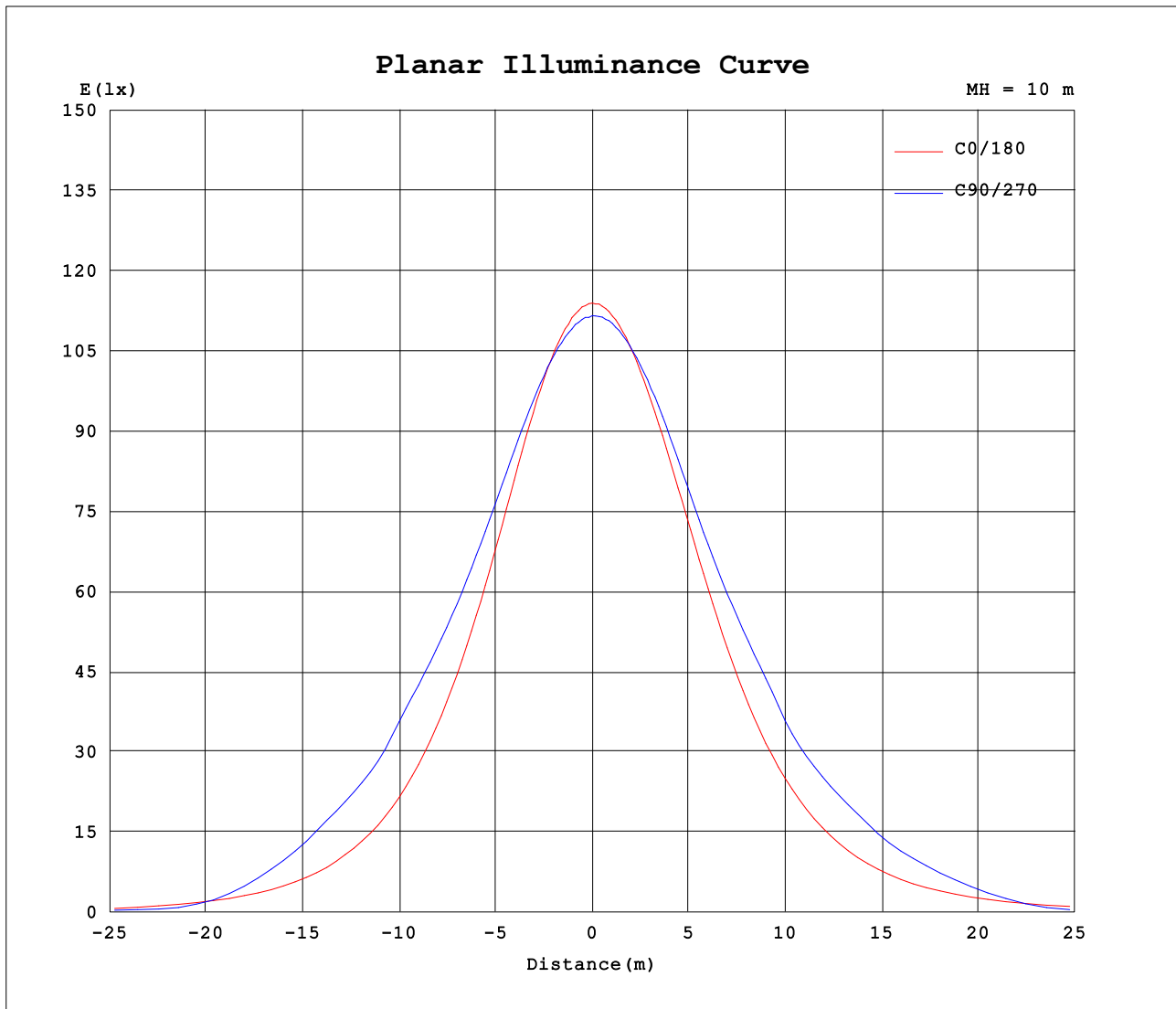
Test:U:218.32V I:0.9249A P:199.11W PF:0.9861 Freq:49.99Hz Lamp Flux:33387.7x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Jason
 Test Date: 2025-07-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.411
 Humidity: 65.0%
 Test Distance: 9.250m [K=1.0000]
 Remarks:

Planar Illuminance Curve

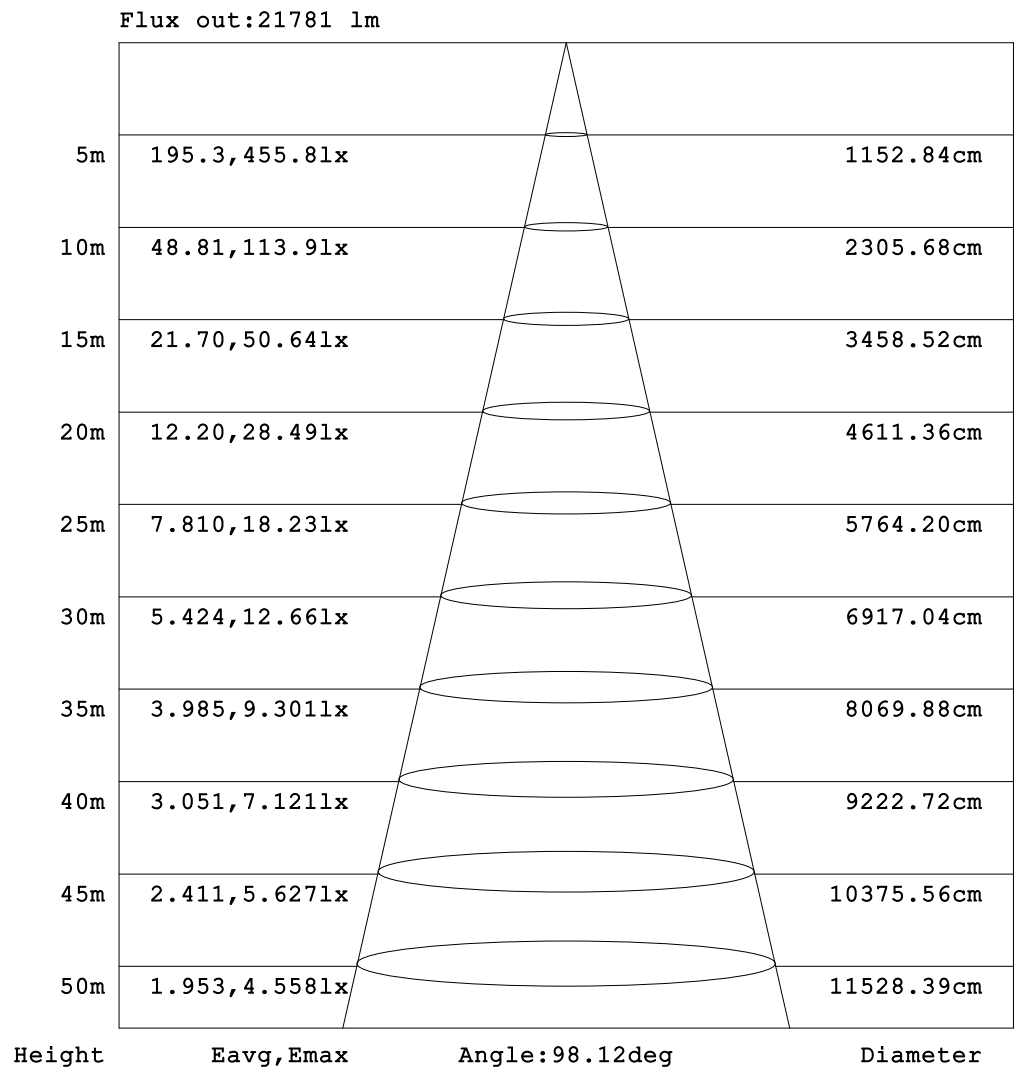


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-07-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 9.250m [K=1.0000]
Remarks:

AAI Figure

Test:U:218.32V I:0.9249A P:199.11W PF:0.9861 Freq:49.99Hz Lamp Flux:33387.7x1 lm		
NAME:	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.

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: Jason
 Test Date: 2025-07-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.411
 Humidity: 65.0%
 Test Distance: 9.250m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:218.32V I:0.9249A P:199.11W PF:0.9861 Freq:49.99Hz Lamp Flux:33387.7x1 lm								
NAME:				TYPE:				WEIGHT:
SPEC.:				DIM.:				SERIAL No.:
MFR.: EVERFINE				SUR.:				Shielding Angle:

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	7.45	6.60	7.05	7.77	8.69	9.67	10.6	11.6	12.6	13.5	14.4	15.1	15.9	16.6	17.2	17.8	18.3	18.6	18.8
-170	7.45	6.69	7.18	7.91	8.80	9.74	10.7	11.7	12.6	13.5	14.3	15.1	15.8	16.5	17.0	17.5	17.8	18.0	18.0
-160	7.45	6.76	7.28	7.97	8.81	9.68	10.6	11.5	12.4	13.2	14.0	14.7	15.3	15.9	16.4	16.9	17.2	17.4	17.6
-150	7.45	6.83	7.35	8.00	8.75	9.53	10.3	11.1	11.9	12.7	13.4	14.0	14.6	15.1	15.4	15.7	15.9	16.1	16.2
-140	7.45	6.89	7.42	7.99	8.65	9.33	9.97	10.6	11.3	12.0	12.6	13.1	13.6	13.8	14.0	14.2	14.2	14.2	14.2
-130	7.45	6.94	7.47	8.00	8.55	9.12	9.69	10.2	10.6	11.1	11.6	12.1	12.5	12.8	13.1	13.2	13.3	13.3	13.3
-120	7.45	7.00	7.53	8.03	8.51	8.99	9.45	9.91	10.3	10.7	10.9	11.1	11.3	11.5	11.8	12.0	12.3	12.4	12.5
-110	7.45	7.14	7.60	8.11	8.59	9.03	9.44	9.84	10.2	10.6	10.7	10.8	10.8	10.9	11.0	11.0	11.1	11.2	11.2
-100	7.45	7.45	7.77	8.26	8.79	9.30	9.77	10.2	10.7	11.1	11.0	11.0	11.0	10.9	10.9	10.9	10.9	10.9	10.9
-90	7.45	8.02	8.59	9.15	9.72	10.3	10.9	11.4	12.0	12.6	12.5	12.4	12.3	12.2	12.1	12.0	11.9	11.8	11.8
-80	7.45	8.83	10.4	12.0	13.7	15.7	17.7	19.9	21.9	23.6	24.9	26.0	26.9	27.5	28.0	28.2	28.2	27.9	27.4
-70	7.45	9.85	13.0	17.4	23.2	29.7	36.2	42.3	47.1	50.5	53.9	58.1	62.0	65.4	70.8	76.5	78.6	75.4	69.1
-60	7.45	11.0	16.8	26.4	38.5	52.1	66.4	79.1	94.6	174	298	404	465	493	508	522	530	529	514
-50	7.45	12.1	22.1	38.2	59.1	84.2	114	221	412	586	678	732	780	824	852	874	892	906	916
-40	7.45	13.4	27.8	51.6	84.6	127	257	452	572	673	772	836	875	908	947	976	1002	1023	1042
-30	7.45	14.7	33.7	65.6	113	205	383	510	625	722	796	860	912	953	986	1011	1032	1049	1062
-20	7.45	15.7	38.7	79.2	140	265	414	527	641	735	817	887	945	989	1017	1042	1062	1077	1088
-10	7.45	16.3	41.9	89.2	162	283	403	522	633	735	826	905	971	1019	1052	1072	1081	1095	1106
0	7.45	16.5	43.3	94.4	172	268	370	484	599	709	810	900	976	1034	1075	1105	1126	1137	1139
10	7.45	16.3	41.9	89.3	173	296	412	526	645	750	843	925	993	1045	1081	1105	1119	1123	1121
20	7.45	15.6	38.7	79.3	153	298	429	541	658	764	851	924	987	1037	1074	1092	1105	1114	1118
30	7.45	14.6	33.7	65.7	117	262	415	538	641	754	843	914	972	1016	1043	1063	1077	1087	1094
40	7.45	13.2	27.7	51.7	85.1	161	343	495	614	705	801	895	941	966	996	1024	1046	1061	1075
50	7.45	11.9	22.0	38.2	59.4	85.2	159	344	507	637	739	792	821	867	903	926	941	951	958
60	7.45	10.7	16.6	26.3	38.6	52.5	67.2	83.4	164	329	486	545	592	631	661	681	694	700	696
70	7.45	9.46	12.4	16.9	22.9	29.5	36.2	42.5	47.8	51.7	55.7	61.7	76.7	101	113	117	111	94.6	72.6
80	7.45	8.36	9.53	10.9	12.6	14.6	16.8	19.1	21.2	23.1	24.4	25.6	26.6	27.4	28.0	28.3	28.3	28.1	27.5
90	7.45	7.47	7.49	7.52	7.54	7.56	7.58	7.60	7.62	7.65	7.54	7.44	7.34	7.24	7.14	7.04	6.94	6.84	6.74
100	7.45	6.86	6.53	6.43	6.45	6.48	6.54	6.60	6.66	6.73	6.82	6.91	7.00	7.07	7.14	7.20	7.25	7.30	7.33
110	7.45	6.55	6.48	6.58	6.71	6.88	7.06	7.26	7.46	7.66	7.85	8.06	8.24	8.42	8.58	8.71	8.80	8.87	8.91
120	7.45	6.47	6.58	6.78	7.05	7.36	7.71	8.06	8.43	8.84	9.30	9.78	10.2	10.7	11.0	11.3	11.5	11.6	11.7
130	7.45	6.48	6.69	7.01	7.43	7.91	8.44	9.04	9.72	10.4	11.0	11.6	12.0	12.5	12.8	13.0	13.3	13.4	13.4
140	7.45	6.51	6.81	7.24	7.81	8.47	9.23	10.1	10.9	11.6	12.3	12.9	13.5	13.9	14.2	14.5	14.6	14.7	14.6
150	7.45	6.55	6.90	7.46	8.16	8.99	9.91	10.8	11.7	12.5	13.3	14.0	14.7	15.4	15.8	16.1	16.3	16.4	16.4
160	7.45	6.57	6.98	7.62	8.44	9.39	10.4	11.3	12.3	13.1	14.0	14.8	15.7	16.4	17.0	17.3	17.4	17.5	17.5
170	7.45	6.59	7.04	7.73	8.63	9.61	10.6	11.6	12.6	13.5	14.4	15.2	16.0	16.7	17.3	17.7	17.9	18.0	17.9
180	7.45	6.60	7.05	7.77	8.69	9.67	10.6	11.6	12.6	13.5	14.4	15.1	15.9	16.6	17.2	17.8	18.3	18.6	18.6

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2025-07-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.250m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:218.32V I:0.9249A P:199.11W PF:0.9861 Freq:49.99Hz Lamp Flux:33387.7x1 lm																		
NAME:									TYPE:					WEIGHT:				
SPEC.:									DIM.:					SERIAL No.:				
MFR.: EVERFINE									SUR.:					Shielding Angle:				

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	18.6	18.4	18.0	17.5	16.8	16.1	15.1	14.0	13.1	12.5	12.0	11.5	11.0	10.5	10.2	10.2	10.5	11.1	
-170	18.0	17.8	17.5	17.0	16.4	15.7	14.8	13.9	13.1	12.5	12.0	11.5	11.0	10.6	10.3	10.2	10.5	11.1	
-160	17.4	17.1	16.6	16.1	15.6	14.9	14.2	13.5	12.8	12.3	11.9	11.4	11.0	10.6	10.3	10.3	10.6	11.1	
-150	16.1	15.7	15.4	14.9	14.5	14.0	13.4	12.9	12.5	12.1	11.7	11.3	10.9	10.5	10.3	10.4	10.6	11.1	
-140	14.1	14.0	13.8	13.6	13.4	13.1	12.7	12.4	12.1	11.8	11.4	11.1	10.7	10.4	10.3	10.4	10.7	11.1	
-130	13.3	13.2	13.1	12.9	12.7	12.5	12.2	11.9	11.7	11.4	11.1	10.8	10.6	10.4	10.4	10.6	10.8	11.1	
-120	12.4	12.3	12.2	12.0	11.8	11.7	11.6	11.4	11.2	11.0	10.8	10.6	10.5	10.5	10.6	10.7	10.9	11.1	
-110	11.2	11.2	11.2	11.1	11.1	11.0	11.0	11.0	10.9	10.8	10.8	10.7	10.7	10.8	10.8	10.9	11.0	11.1	
-100	10.9	11.0	11.0	11.0	11.0	11.1	11.1	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.1	11.1	11.1	
-90	11.8	11.9	12.0	12.1	12.2	12.3	12.4	12.5	12.5	12.4	12.2	12.1	11.9	11.7	11.6	11.4	11.3	11.1	
-80	27.3	27.0	26.5	25.8	24.8	23.7	22.5	21.1	19.7	18.0	16.5	15.1	14.0	13.0	12.3	11.7	11.4	11.1	
-70	69.7	69.0	66.9	64.0	60.9	57.1	52.8	47.9	43.1	37.9	32.2	26.6	21.6	17.4	14.4	12.5	11.6	11.1	
-60	524	519	503	478	443	388	293	201	104	71.8	59.9	47.7	36.0	25.9	18.6	14.0	11.8	11.1	
-50	900	880	857	830	794	737	690	634	509	302	146	79.6	57.2	38.7	24.6	16.1	12.2	11.1	
-40	1017	991	958	923	879	840	795	721	611	518	370	176	85.5	54.5	32.2	18.8	12.6	11.1	
-30	1046	1026	1000	966	926	872	809	738	662	554	450	301	137	72.5	40.4	21.2	13.0	11.1	
-20	1079	1064	1042	1009	960	899	828	750	661	569	454	342	188	90.3	48.0	23.4	13.4	11.1	
-10	1103	1092	1072	1034	980	914	835	746	648	549	438	331	207	105	53.4	25.0	13.5	11.1	
0	1132	1115	1085	1038	973	896	810	714	609	504	394	293	196	113	55.6	25.4	13.6	11.1	
10	1105	1088	1071	1037	985	919	839	749	650	549	437	332	224	115	53.4	24.9	13.5	11.1	
20	1101	1080	1054	1020	971	910	836	754	663	566	453	349	231	101	47.9	23.4	13.2	11.1	
30	1074	1050	1021	985	940	882	816	742	658	549	449	339	196	74.9	40.3	21.1	12.8	11.1	
40	1047	1016	978	933	887	846	794	709	607	520	416	275	115	54.5	32.1	18.5	12.3	11.1	
50	936	911	883	848	803	743	692	637	552	432	275	117	57.2	38.5	24.3	15.8	11.8	11.1	
60	686	668	644	614	576	529	480	416	263	128	62.1	47.6	35.7	25.5	18.2	13.4	11.4	11.1	
70	87.9	99.2	104	98.7	82.1	65.7	54.3	47.9	42.9	37.5	31.7	25.9	20.9	16.6	13.5	11.7	11.0	11.1	
80	27.3	26.9	26.2	25.3	24.1	22.8	21.3	19.7	18.0	16.2	14.5	13.0	11.9	11.2	10.7	10.6	10.8	11.1	
90	6.71	6.69	6.66	6.64	6.61	6.59	6.56	6.53	6.51	7.02	7.53	8.04	8.55	9.06	9.57	10.1	10.6	11.1	
100	7.31	7.29	7.25	7.21	7.15	7.08	7.00	6.92	6.87	7.19	7.54	7.93	8.36	8.82	9.33	9.88	10.5	11.1	
110	8.94	8.94	8.92	8.86	8.77	8.64	8.46	8.25	8.09	8.10	8.18	8.33	8.56	8.87	9.28	9.80	10.4	11.1	
120	11.6	11.4	11.1	10.8	10.5	10.2	9.91	9.65	9.48	9.31	9.12	8.97	8.93	9.05	9.33	9.76	10.4	11.1	
130	13.2	12.9	12.6	12.3	11.9	11.4	11.0	10.6	10.4	10.2	9.95	9.69	9.45	9.33	9.44	9.78	10.3	11.1	
140	14.4	14.1	13.8	13.4	12.9	12.4	11.9	11.6	11.3	10.9	10.6	10.2	9.94	9.65	9.60	9.83	10.3	11.1	
150	16.1	15.7	15.2	14.6	14.0	13.4	12.9	12.4	12.0	11.5	11.1	10.7	10.3	9.97	9.76	9.91	10.4	11.1	
160	17.2	16.8	16.3	15.7	15.3	14.6	13.9	13.1	12.5	12.0	11.5	11.0	10.6	10.2	9.94	9.99	10.4	11.1	
170	17.6	17.2	17.1	16.7	16.3	15.6	14.7	13.7	12.9	12.3	11.8	11.3	10.8	10.4	10.1	10.1	10.5	11.1	
180	18.6	18.4	18.0	17.5	16.8	16.1	15.1	14.0	13.1	12.5	12.0	11.5	11.0	10.5	10.2	10.2	10.5	11.1	

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2025-07-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.250m [K=1.0000]
Remarks: