

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	562.7 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	6.0 degrees horizontal

Beam Spread	At 10% of Imax	113.0V x 112.4H
	At 50% of Imax	84.8V x 85.7H
	At 90% of Imax	53.0V x 53.3H

Beam Flux	Total	1000.1 lumens per klm.
	To 10% of Imax	938.5 lumens per klm.
	To 50% of Imax	765.0 lumens per klm.
	To 90% of Imax	362.6 lumens per klm.

Upward LOR	2.4 %
Downward LOR	97.6 %

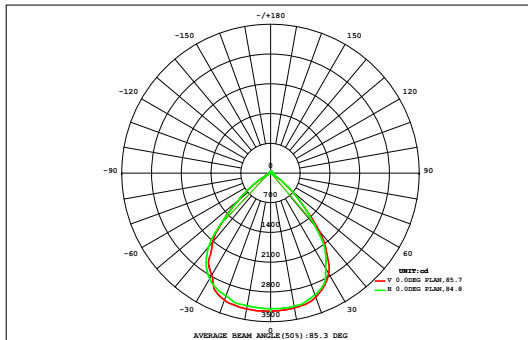
Luminaire Efficiency (Light Output Ratio)	100.0 %
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C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-01-03

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:223.24V I:0.2256A P:49.285W PF:0.9787 Freq:49.99Hz Lamp Flux:5784x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:117.36lm/W	
MODEL		Imax (cd)	3255
NOMINAL POWER (W)	50	AVAILABILITY (%)	93.8
RATED VOLTAGE (V)	220	Avai. FLUX (lm)	5427
NOMINAL FLUX (lm)	5784	LOR (%)	100.0
LAMPS INSIDE	1	TOTAL FLUX (lm)	5784
TEST VOLTAGE (V)	220	θ @50% (H,V)	86,85DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.04	0.12	0.21	0.31	0.39	0.46	0.52	0.56	0.58	0.59	0.59	0.56	0.51	0.44	0.35	0.25	0.15	0.05	6.69	0.00
90	0.04	0.12	0.21	0.31	0.39	0.46	0.52	0.56	0.58	0.59	0.59	0.56	0.51	0.44	0.35	0.25	0.15	0.05	6.69	0.00
80	0.04	0.15	0.28	0.42	0.57	0.72	0.87	1.00	1.07	1.10	1.07	0.98	0.84	0.68	0.50	0.33	0.18	0.05	10.9	0.00
70	0.05	0.18	0.34	0.55	0.85	1.22	1.64	2.20	2.76	2.85	2.40	1.88	1.47	1.07	0.71	0.43	0.21	0.06	20.9	0.00
60	0.05	0.19	0.41	0.76	1.37	3.19	7.37	12.7	16.7	17.3	14.1	9.07	4.25	1.77	1.02	0.55	0.25	0.06	91.1	64.5
50	0.05	0.21	0.49	1.07	3.54	11.5	23.7	37.0	46.8	47.9	40.0	27.5	15.1	5.49	1.49	0.69	0.29	0.06	263	251
40	0.06	0.23	0.59	1.79	8.86	25.2	48.8	68.0	77.7	78.3	70.2	53.6	31.0	13.1	3.07	0.85	0.32	0.07	482	473
30	0.06	0.25	0.69	3.11	15.6	41.5	68.0	83.6	90.1	90.5	84.5	70.8	48.1	21.7	5.84	1.01	0.35	0.07	626	619
	0.06	0.26	0.77	4.57	21.5	52.8	77.3	90.0	95.2	95.5	91.3	78.9	58.0	29.3	8.51	1.23	0.38	0.07	706	700
	0.06	0.26	0.80	5.29	24.6	57.4	80.8	93.0	97.1	97.4	94.1	82.9	61.9	33.6	10.1	1.41	0.39	0.08	741	735
	0.06	0.26	0.79	5.10	24.0	56.6	80.4	92.9	97.3	97.6	94.0	82.5	61.0	32.9	9.86	1.40	0.39	0.08	737	731
	0.06	0.26	0.75	4.05	19.9	49.9	75.4	89.4	94.9	95.2	90.6	77.0	55.1	27.7	7.99	1.21	0.38	0.07	690	684
	0.06	0.25	0.68	2.47	13.6	36.4	62.7	79.4	86.9	87.3	80.3	65.4	43.0	19.6	5.20	1.01	0.35	0.07	585	577
-30	0.06	0.23	0.59	1.40	6.78	20.6	39.7	57.0	65.7	66.3	59.2	44.6	26.4	11.0	2.69	0.85	0.32	0.07	403	394
-40	0.05	0.22	0.50	1.03	2.27	7.84	17.4	26.8	32.5	33.6	29.7	21.2	11.5	4.23	1.44	0.70	0.29	0.06	191	176
-50	0.05	0.20	0.42	0.76	1.29	2.06	3.93	6.81	8.92	9.49	8.29	5.63	3.12	1.70	1.02	0.56	0.25	0.06	54.6	22.2
-60	0.05	0.18	0.35	0.58	0.87	1.22	1.59	1.90	2.10	2.18	2.10	1.82	1.47	1.09	0.74	0.44	0.21	0.06	18.9	0.00
-70	0.04	0.16	0.29	0.44	0.60	0.77	0.94	1.08	1.16	1.19	1.15	1.05	0.90	0.71	0.52	0.34	0.18	0.05	11.6	0.00
-80	0.04	0.13	0.23	0.32	0.42	0.50	0.57	0.62	0.65	0.66	0.65	0.61	0.55	0.46	0.37	0.26	0.16	0.05	7.26	0.00
-90	0.04	0.13	0.23	0.32	0.42	0.50	0.57	0.62	0.65	0.66	0.65	0.61	0.55	0.46	0.37	0.26	0.16	0.05	7.26	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90			
Φ t	0.94	3.74	9.16	34.0	147	370	592	744	818	825	764	626	424	206	61.4	13.5	5.04	1.15	5645	---
Φ a	0.00	0.00	0.00	12.4	131	355	578	730	805	811	751	612	410	191	40.1	0.00	0.00	0.00	---	5427

one-half-peak spread: U:31.2,D:31.9 , L:35.3,R:33.6

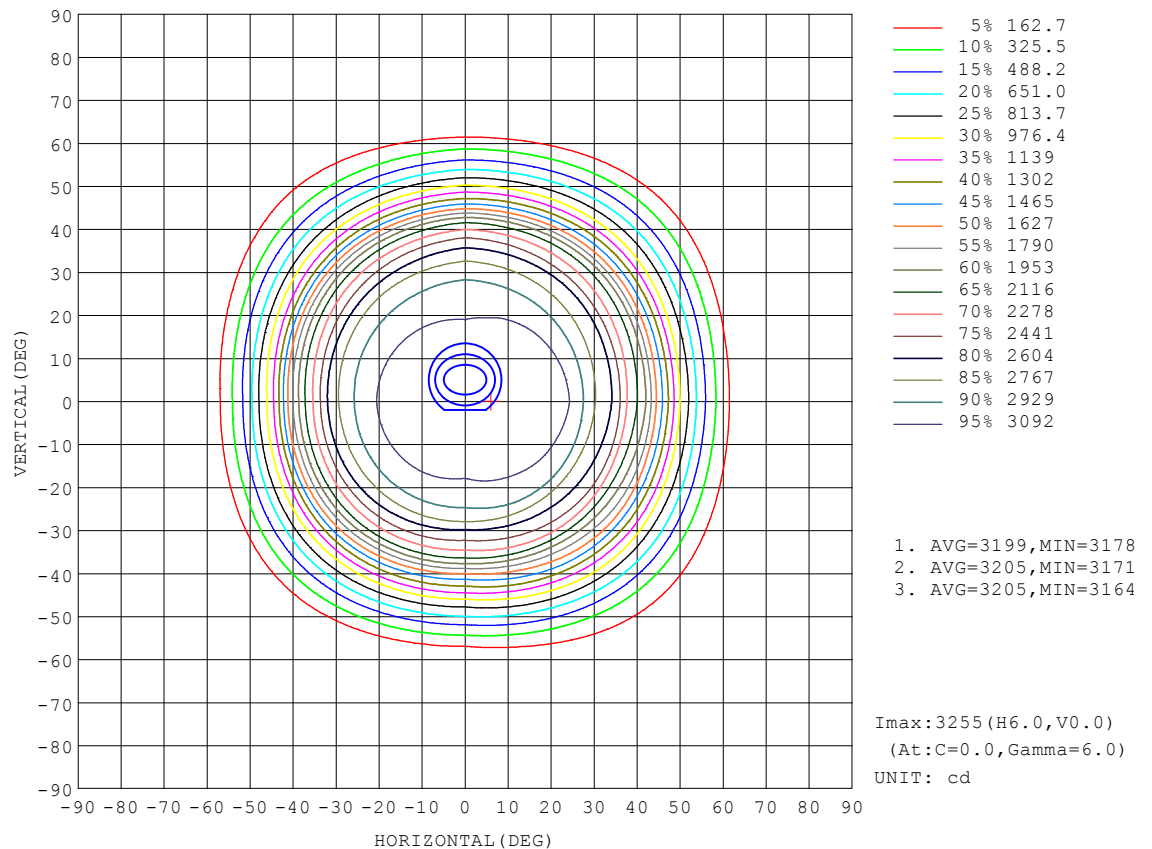
NEMA Beam Type: Type 6

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2025-01-03

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:223.24V I:0.2256A P:49.285W PF:0.9787 Freq:49.99Hz Lamp Flux:5784x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

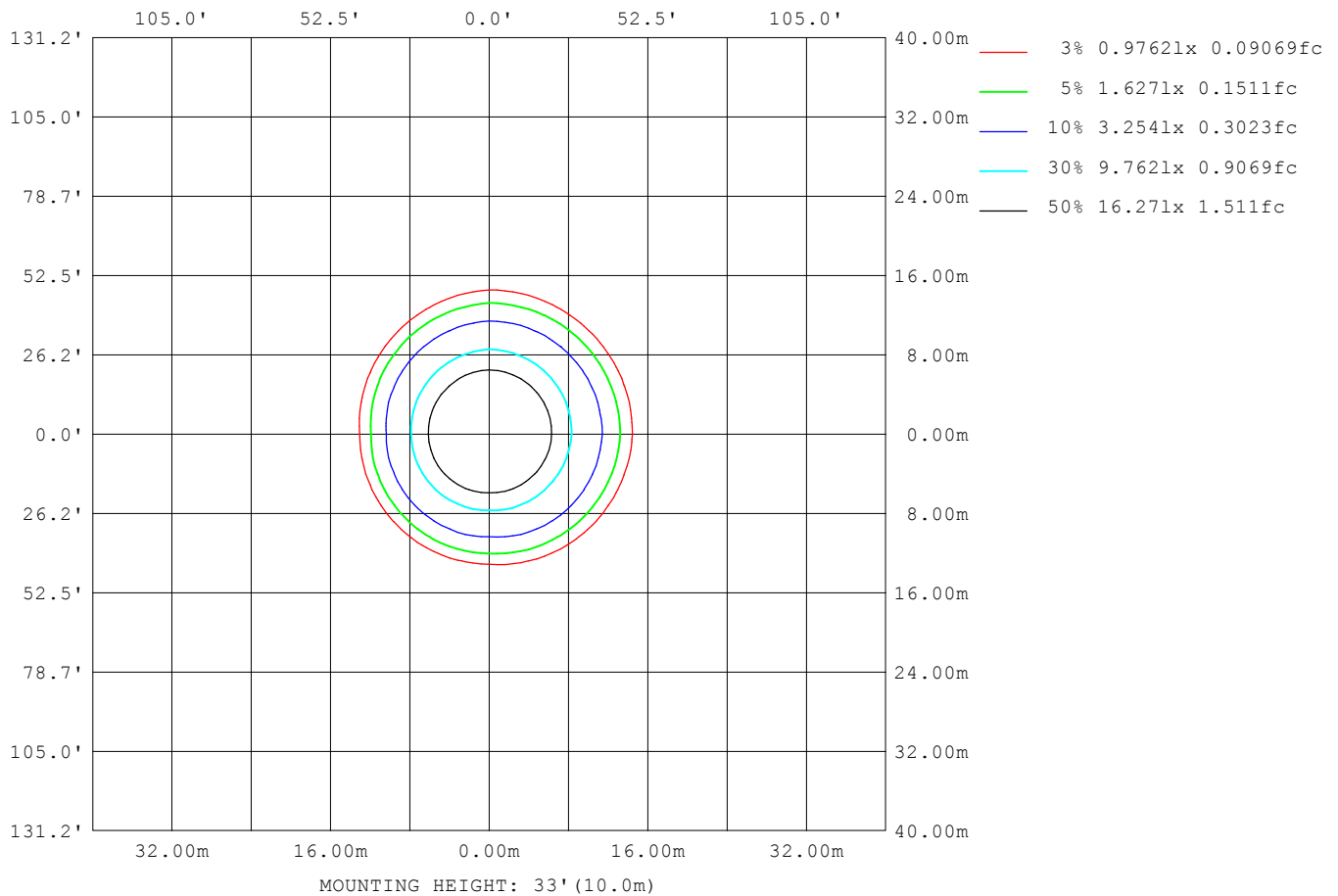


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 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.250m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

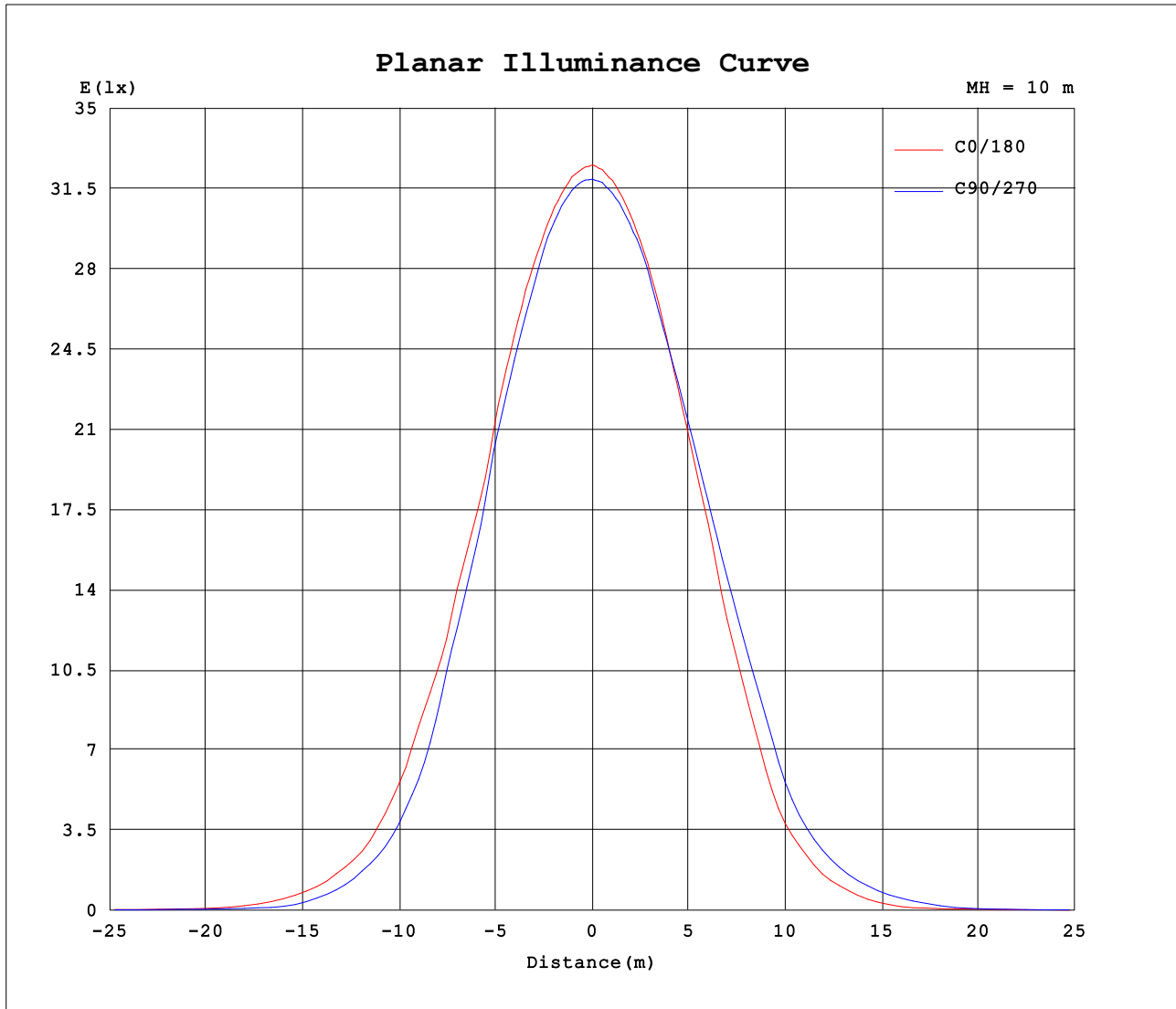
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NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2025-01-03

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

Planar Illuminance Curve

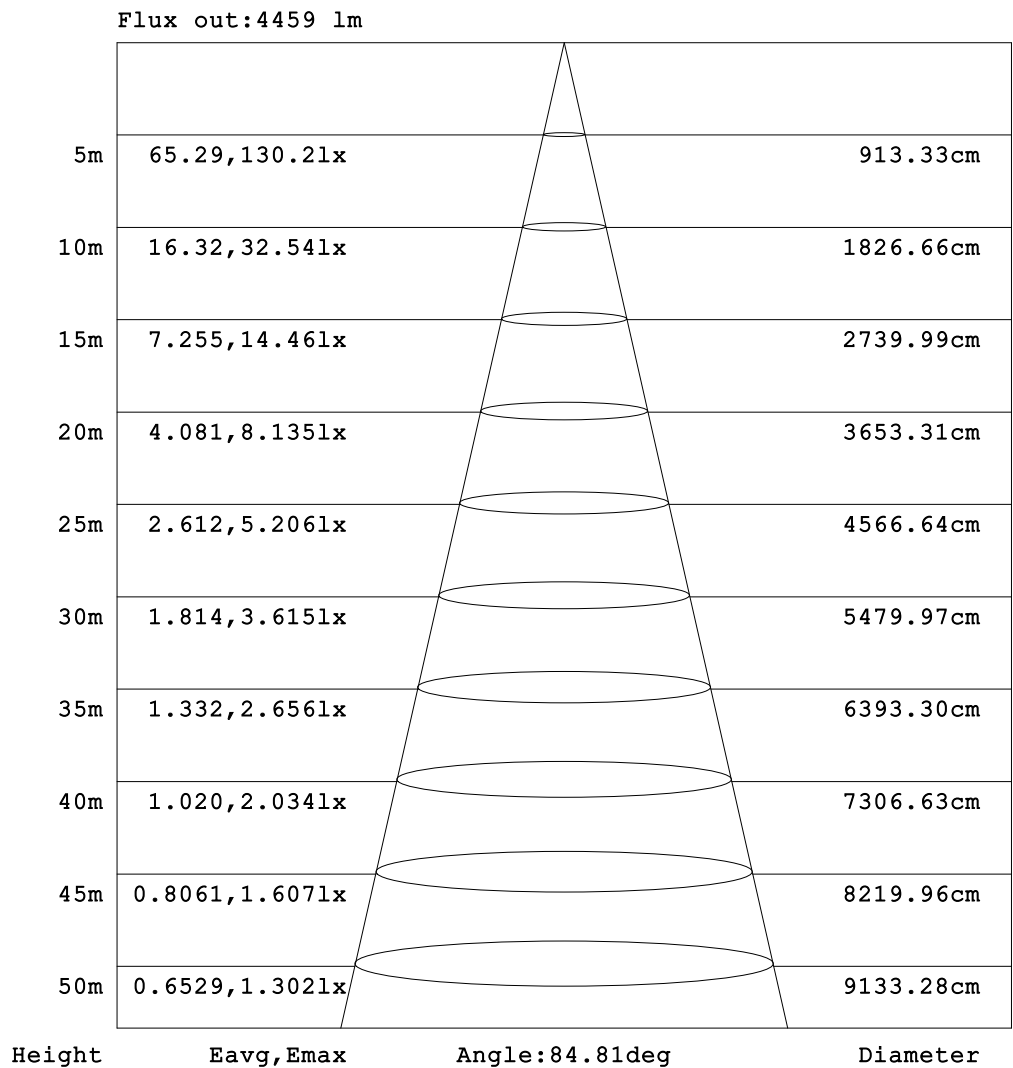


C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Jason
Test Date: 2025-01-03

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:223.24V I:0.2256A P:49.285W PF:0.9787 Freq:49.99Hz Lamp Flux:5784x1 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: 90.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:Jason
 Test Date:2025-01-03

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:223.24V I:0.2256A P:49.285W PF:0.9787 Freq:49.99Hz Lamp Flux:5784x1 lm																		
NAME:									TYPE:					WEIGHT:				
SPEC.:									DIM.:					SERIAL No.:				
MFR.: EVERFINE									SUR.:					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
-180	14.1	12.5	13.7	15.0	16.5	18.2	20.3	22.7	25.4	28.2	30.7	33.1	35.7	38.4	41.0	43.3	45.0	46.0	46.2
-170	14.1	12.5	13.7	15.0	16.4	18.1	20.0	22.3	24.8	27.5	29.8	32.1	34.4	36.8	39.1	41.0	42.5	43.1	42.9
-160	14.1	12.5	13.6	14.8	16.2	17.7	19.4	21.4	23.6	25.9	28.1	30.1	31.9	33.7	35.5	36.9	38.0	38.5	38.5
-150	14.1	12.5	13.5	14.6	15.7	17.1	18.5	20.2	21.9	23.7	25.6	27.3	28.8	30.1	31.2	32.1	32.8	33.0	32.9
-140	14.1	12.4	13.3	14.3	15.2	16.3	17.4	18.7	20.0	21.4	22.7	24.0	25.2	26.3	27.0	27.6	27.9	28.1	28.0
-130	14.1	12.4	13.0	13.9	14.7	15.4	16.3	17.2	18.1	19.1	20.0	20.9	21.7	22.4	23.0	23.4	23.7	23.8	23.7
-120	14.1	12.5	12.8	13.5	14.1	14.7	15.2	15.8	16.4	17.0	17.6	18.1	18.6	19.1	19.4	19.7	20.0	20.1	20.1
-110	14.1	12.8	12.7	13.1	13.5	14.0	14.4	14.8	15.1	15.3	15.6	15.9	16.2	16.4	16.6	16.8	17.0	17.1	17.1
-100	14.1	13.4	13.0	13.0	13.2	13.5	13.7	14.0	14.2	14.5	14.7	14.8	15.0	15.2	15.3	15.5	15.6	15.7	15.8
-90	14.1	14.3	14.5	14.7	14.9	15.1	15.3	15.5	15.7	15.9	16.1	16.3	16.4	16.6	16.8	17.0	17.2	17.4	17.6
-80	14.1	15.5	16.7	17.9	19.0	20.1	21.1	21.9	22.7	23.4	24.0	24.6	25.3	25.9	26.5	27.0	27.4	27.7	27.9
-70	14.1	16.5	19.0	21.1	22.9	24.3	26.3	28.6	30.9	33.4	36.0	38.6	41.2	43.5	45.6	47.6	49.2	50.5	51.3
-60	14.1	17.6	21.0	23.5	26.1	29.4	33.2	37.6	42.4	48.0	54.6	61.8	69.0	75.3	80.9	85.2	88.7	91.2	92.4
-50	14.1	18.6	22.6	25.6	29.8	35.0	41.2	49.5	60.8	73.0	84.7	115	206	319	421	508	581	631	650
-40	14.1	19.5	23.6	27.9	33.5	40.7	51.8	67.2	83.1	151	335	536	764	975	1204	1389	1527	1615	1636
-30	14.1	20.2	24.4	29.7	36.9	47.2	64.4	83.4	203	456	764	1101	1532	1931	2226	2412	2527	2582	2590
-20	14.1	20.6	25.2	31.2	39.5	54.2	74.9	144	415	771	1205	1790	2242	2575	2800	2940	3015	3049	3054
-10	14.1	20.9	25.8	32.1	41.2	58.5	80.5	231	555	995	1635	2192	2617	2876	3031	3130	3181	3191	3184
0	14.1	21.0	25.9	32.3	41.6	59.6	82.2	262	606	1078	1794	2311	2738	2952	3106	3191	3221	3237	3254
10	14.1	20.9	25.7	32.0	41.2	58.7	88.6	252	586	1047	1723	2259	2677	2902	3044	3137	3183	3183	3171
20	14.1	20.6	25.1	30.9	39.4	54.5	80.7	182	470	854	1342	1970	2382	2705	2884	2987	3046	3073	3076
30	14.1	20.1	24.3	29.3	36.6	47.5	65.1	114	272	552	898	1305	1836	2218	2473	2659	2778	2843	2870
40	14.1	19.4	23.4	27.5	32.9	40.6	52.4	68.6	123	247	456	697	975	1257	1577	1879	2084	2205	2273
50	14.1	18.6	22.4	25.3	29.1	34.2	40.9	50.0	61.9	80.4	145	238	367	508	644	770	875	952	997
60	14.1	17.5	20.8	23.2	25.6	28.4	32.0	36.5	42.0	48.4	55.9	63.6	71.5	86.4	116	161	200	229	247
70	14.1	16.4	18.7	20.9	22.5	23.8	25.5	27.2	29.2	31.4	33.8	36.5	39.4	42.2	44.9	47.2	49.1	50.6	51.4
80	14.1	15.2	16.3	17.4	18.6	19.6	20.4	21.2	21.8	22.4	22.8	23.3	23.7	24.1	24.5	24.8	25.0	25.1	25.1
90	14.1	14.1	14.0	14.0	13.9	13.9	13.8	13.8	13.7	13.7	13.6	13.6	13.5	13.5	13.4	13.4	13.3	13.3	13.2
100	14.1	13.1	12.6	12.4	12.4	12.5	12.7	12.8	13.0	13.1	13.2	13.3	13.4	13.5	13.5	13.5	13.5	13.5	13.5
110	14.1	12.6	12.3	12.6	12.9	13.3	13.6	14.0	14.2	14.5	14.7	14.9	15.1	15.2	15.3	15.3	15.3	15.3	15.3
120	14.1	12.3	12.5	13.1	13.6	14.2	14.7	15.2	15.7	16.1	16.5	16.8	17.2	17.5	17.7	17.8	17.8	17.8	17.6
130	14.1	12.2	12.8	13.6	14.4	15.1	15.8	16.6	17.3	18.1	18.8	19.6	20.4	21.0	21.5	21.9	22.0	22.1	21.9
140	14.1	12.3	13.1	14.1	15.0	16.0	17.0	18.1	19.2	20.5	21.9	23.1	24.3	25.3	26.1	26.7	27.0	27.1	26.9
150	14.1	12.4	13.4	14.5	15.6	16.8	18.1	19.6	21.3	23.1	25.0	26.7	28.3	29.6	30.7	31.4	32.0	32.2	31.9
160	14.1	12.4	13.6	14.7	16.0	17.4	19.1	21.1	23.2	25.5	27.7	29.8	31.6	33.3	35.0	36.3	37.2	37.6	37.3
170	14.1	12.5	13.7	14.9	16.3	17.9	19.9	22.1	24.6	27.3	29.7	32.0	34.2	36.6	38.8	40.6	42.0	42.5	42.1
180	14.1	12.5	13.7	15.0	16.5	18.2	20.3	22.7	25.4	28.2	30.7	33.1	35.7	38.4	41.0	43.3	45.0	46.0	45.6

C Range: 0 - 360DEG
C Interval: 90.0DEG
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LUMINOUS DISTRIBUTION INTENSITY DATA

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NAME:									TYPE:					WEIGHT:				
SPEC.:									DIM.:					SERIAL No.:				
MFR.: EVERFINE									SUR.:					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	
-180	44.5	42.5	40.3	37.8	35.0	32.2	29.3	26.5	24.0	21.6	19.4	17.5	16.0	15.1	15.0	15.4	16.8	19.1	
-170	42.3	41.0	39.1	36.7	34.2	31.5	28.8	26.1	23.8	21.5	19.4	17.5	16.0	15.2	15.0	15.4	16.8	19.1	
-160	38.0	37.0	35.5	33.7	31.6	29.4	27.1	24.9	22.8	20.7	18.9	17.2	15.9	15.2	15.1	15.5	16.9	19.1	
-150	32.7	32.0	31.0	29.7	28.1	26.4	24.8	23.0	21.3	19.6	18.0	16.6	15.6	15.1	15.2	15.7	17.0	19.1	
-140	27.7	27.2	26.5	25.6	24.6	23.4	22.1	20.8	19.5	18.2	16.9	16.0	15.4	15.1	15.3	16.0	17.2	19.1	
-130	23.5	23.1	22.6	22.0	21.2	20.4	19.5	18.6	17.6	16.7	16.0	15.5	15.2	15.3	15.5	16.4	17.4	19.1	
-120	19.9	19.6	19.2	18.8	18.3	17.7	17.2	16.6	16.1	15.8	15.4	15.3	15.3	15.5	16.1	16.8	17.6	19.1	
-110	17.0	16.8	16.6	16.4	16.2	15.9	15.7	15.6	15.5	15.5	15.5	15.5	15.8	16.2	16.7	17.3	18.0	19.1	
-100	15.8	15.8	15.8	15.8	15.8	15.8	15.9	16.0	16.1	16.3	16.4	16.7	16.9	17.2	17.5	17.9	18.4	19.1	
-90	17.7	17.8	17.9	18.0	18.0	18.1	18.2	18.3	18.4	18.5	18.5	18.6	18.7	18.8	18.9	19.0	19.0	19.1	
-80	28.3	28.5	28.6	28.5	28.3	28.0	27.6	27.0	26.3	25.5	24.5	23.4	22.6	21.8	21.1	20.4	19.8	19.1	
-70	51.9	52.0	51.6	50.6	49.3	47.5	45.4	43.1	40.8	38.3	35.5	32.8	30.0	27.1	24.2	22.1	20.5	19.1	
-60	100	105	104	98.7	89.7	80.9	74.6	68.4	62.2	55.1	48.9	43.6	38.6	33.8	29.0	24.2	21.3	19.1	
-50	657	633	583	516	421	317	219	152	101	79.7	68.4	56.7	47.6	40.4	33.7	27.1	22.1	19.1	
-40	1644	1593	1507	1363	1163	951	725	508	312	170	91.7	73.6	58.2	46.7	37.9	29.8	22.8	19.1	
-30	2587	2542	2462	2320	2044	1759	1398	1027	697	405	194	90.6	70.6	53.0	41.8	32.1	23.5	19.1	
-20	3062	3045	2989	2830	2621	2397	2009	1569	1090	690	353	136	80.0	59.0	44.7	33.9	24.1	19.1	
-10	3199	3198	3165	3102	2951	2676	2378	1972	1418	883	489	200	86.9	64.0	46.7	35.1	24.4	19.1	
0	3251	3243	3224	3177	3068	2781	2556	2120	1571	971	551	233	89.9	66.2	47.5	35.6	24.5	19.1	
10	3192	3200	3172	3114	2977	2736	2444	2059	1471	915	511	208	87.1	64.0	46.6	35.1	24.4	19.1	
20	3086	3076	3036	2913	2751	2537	2188	1706	1173	745	391	142	80.3	58.9	44.5	33.8	24.0	19.1	
30	2848	2794	2709	2567	2331	2064	1603	1162	793	474	224	91.3	70.8	52.7	41.4	32.0	23.5	19.1	
40	2235	2150	1997	1736	1445	1161	886	629	407	210	93.2	74.2	58.1	46.1	37.5	29.7	22.8	19.1	
50	979	927	846	739	610	479	342	212	108	80.9	69.0	56.5	46.7	39.7	33.3	26.9	22.0	19.1	
60	239	216	180	134	101	83.4	76.4	69.7	62.6	54.7	47.8	42.4	37.6	33.2	28.6	24.0	21.2	19.1	
70	52.0	51.9	51.2	49.9	48.0	45.8	43.3	41.0	38.9	36.6	34.2	32.0	29.5	26.7	23.9	21.9	20.3	19.1	
80	25.6	26.1	26.4	26.6	26.6	26.5	26.3	25.9	25.3	24.6	23.8	22.8	22.1	21.3	20.6	20.0	19.5	19.1	
90	13.6	13.9	14.2	14.5	14.9	15.2	15.5	15.9	16.2	16.5	16.8	17.2	17.5	17.8	18.1	18.5	18.8	19.1	
100	13.6	13.7	13.8	13.9	14.0	14.2	14.4	14.6	14.8	15.0	15.3	15.6	16.0	16.4	16.8	17.4	18.2	19.1	
110	15.2	15.2	15.1	15.1	15.0	14.9	14.8	14.7	14.6	14.6	14.7	14.8	15.2	15.7	16.2	16.9	17.7	19.1	
120	17.6	17.5	17.3	17.0	16.7	16.3	15.9	15.6	15.3	15.1	14.9	14.8	14.8	15.0	15.7	16.5	17.4	19.1	
130	21.8	21.5	21.1	20.5	19.9	19.1	18.3	17.4	16.6	15.9	15.4	15.1	14.9	14.9	15.2	16.1	17.2	19.1	
140	26.7	26.3	25.6	24.7	23.6	22.5	21.2	19.9	18.6	17.4	16.3	15.5	15.1	14.9	15.1	15.8	17.1	19.1	
150	31.8	31.2	30.3	29.1	27.6	25.9	24.2	22.5	20.7	19.0	17.5	16.2	15.3	14.9	15.0	15.6	16.9	19.1	
160	37.1	36.2	34.9	33.2	31.2	29.1	26.8	24.6	22.5	20.4	18.5	16.9	15.7	15.1	15.0	15.4	16.8	19.1	
170	41.7	40.5	38.7	36.4	33.9	31.3	28.6	26.0	23.6	21.3	19.2	17.3	15.9	15.1	15.0	15.4	16.8	19.1	
180	44.5	42.5	40.3	37.8	35.0	32.2	29.3	26.5	24.0	21.6	19.4	17.5	16.0	15.1	15.0	15.4	16.8	19.1	

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Jason
Test Date:2025-01-03

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