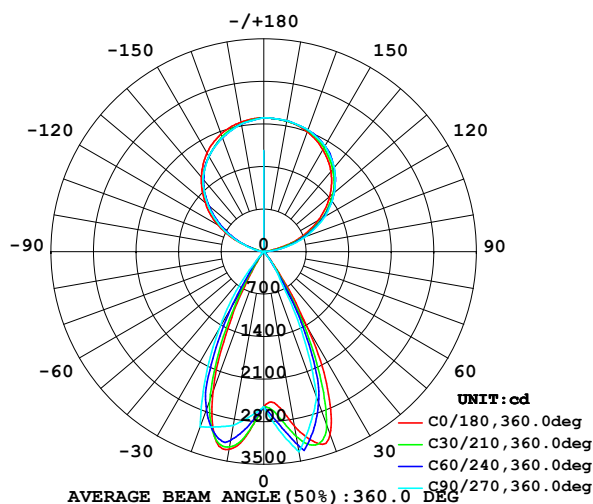


LUMINAIRE PHOTOMETRIC TEST REPORT

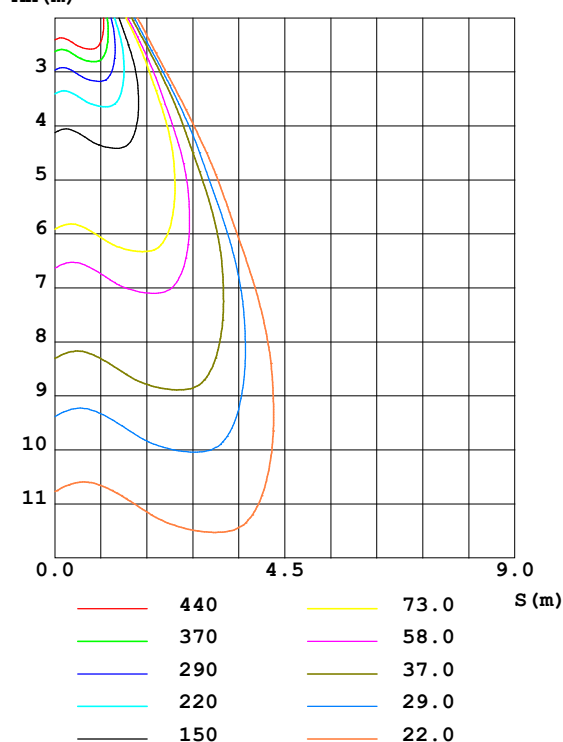
Test:U:221.7V I:0.2720A P:58.90W PF:0.9760 Lamp Flux:8412.21x1 lm		
NAME: FS0006-60W	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 142.82 lm/W			
MODEL	2835	I _{max} (cd)	3377	S/MH(C0/180)	0.88
NOMINAL POWER(W)	60	LOR(%)	100.0	S/MH(C90/270)	0.76
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	8412.2	η UP,DN(C0-180)	39.3,12.5
NOMINAL FLUX(lm)	8412.21	CIE CLASS	SEMI-IND.	η UP,DN(C180-360)	33.4,14.7
LAMPS INSIDE	1	η up(%)	72.8	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220.0	η down(%)	27.2	CIBSE SHR MAX	0.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2026-06-17

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity: 65.0%
Test Distance: 8.100m [K=1.2346]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
5	2533	2782	2949	3035	3000	2934	2728	2609	0- 5	65.14	65.14	0.77,0.77
10	2917	3151	3345	3284	3302	3229	2903	2846	5- 10	214.7	279.8	3.33,3.33
15	3243	3302	2948	3054	3141	3186	2984	3082	10- 15	372.4	652.3	7.75,7.75
20	3197	2778	2551	2240	2443	2643	3066	2993	15- 20	482.7	1135	13.5,13.5
25	2488	1985	1556	1273	1396	1869	2266	2540	20- 25	490.6	1626	19.3,19.3
30	1427	1055	560.7	484.4	518.2	978.4	1465	1668	25- 30	365.9	1991	23.7,23.7
35	504.3	395.6	287.7	151.9	141.3	343.0	790.2	746.2	30- 35	193.1	2185	26,26
40	139.2	77.44	14.66	19.96	3.631	69.74	115.1	189.0	35- 40	75.42	2260	26.9,26.9
45	3.879	25.25	12.33	6.482	1.574	15.05	58.45	63.43	40- 45	17.42	2277	27.1,27.1
50	1.999	7.761	9.997	4.156	1.128	1.576	1.750	2.377	45- 50	4.244	2282	27.1,27.1
55	1.545	6.939	9.014	3.882	0.9348	1.154	1.451	1.486	50- 55	1.606	2283	27.1,27.1
60	1.285	6.716	8.030	3.970	0.7781	0.9158	1.152	0.9436	55- 60	1.394	2285	27.2,27.2
65	1.062	6.883	7.722	4.217	0.6154	0.7871	1.008	0.8632	60- 65	1.380	2286	27.2,27.2
70	0.8269	7.027	7.415	4.540	0.5668	0.7154	0.8627	0.8111	65- 70	1.418	2287	27.2,27.2
75	0.7543	7.020	6.941	4.890	0.4765	0.7366	0.8628	0.7684	70- 75	1.473	2289	27.2,27.2
80	0.7360	6.708	6.467	4.972	0.3981	0.7432	0.8628	0.8352	75- 80	1.534	2290	27.2,27.2
85	0.8202	2.670	0	2.059	0.3677	0.3091	0	0.3603	80- 85	1.245	2292	27.2,27.2
90	0.9472	0	0	0	1.421	0	0	0	85- 90	0.3081	2292	27.2,27.2
95	13.99	34.15	0	26.26	6.353	6.834	0.0000	7.807	90- 95	1.753	2294	27.3,27.3
100	100.6	212.0	276.4	176.2	12.18	48.05	52.70	77.84	95-100	33.24	2327	27.7,27.7
105	295.1	431.7	505.4	376.2	113.5	129.7	203.8	200.2	100-105	104.8	2432	28.9,28.9
110	594.2	663.3	734.3	591.9	363.0	338.8	354.9	405.2	105-110	205.7	2638	31.4,31.4
115	822.0	890.8	951.2	802.4	627.7	547.8	580.0	626.2	110-115	315.2	2953	35.1,35.1
120	1039	1116	1168	1006	860.9	761.9	805.1	858.7	115-120	411.0	3364	40,40
125	1238	1316	1342	1206	1078	973.0	1004	1069	120-125	488.5	3852	45.8,45.8
130	1418	1505	1517	1399	1257	1191	1204	1272	125-130	544.5	4397	52.3,52.3
135	1579	1652	1662	1555	1437	1368	1383	1439	130-135	577.6	4974	59.1,59.1
140	1721	1792	1808	1706	1601	1549	1563	1600	135-140	588.9	5563	66.1,66.1
145	1840	1903	1911	1828	1743	1685	1687	1743	140-145	577.0	6140	73,73
150	1942	2000	2013	1940	1874	1802	1812	1870	145-150	544.7	6685	79.5,79.5
155	2032	2075	2074	2033	1977	1908	1906	1970	150-155	493.5	7178	85.3,85.3
160	2099	2125	2135	2097	2060	1998	2000	2045	155-160	426.1	7605	90.4,90.4
165	2152	2163	2162	2151	2123	2079	2068	2112	160-165	345.4	7950	94.5,94.5
170	2183	2182	2190	2177	2165	2133	2136	2149	165-170	254.3	8204	97.5,97.5
175	2195	2195	2197	2193	2192	2173	2170	2176	170-175	155.5	8360	99.4,99.4
180	2204	2204	2204	2204	2204	2204	2204	2204	175-180	52.42	8412	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

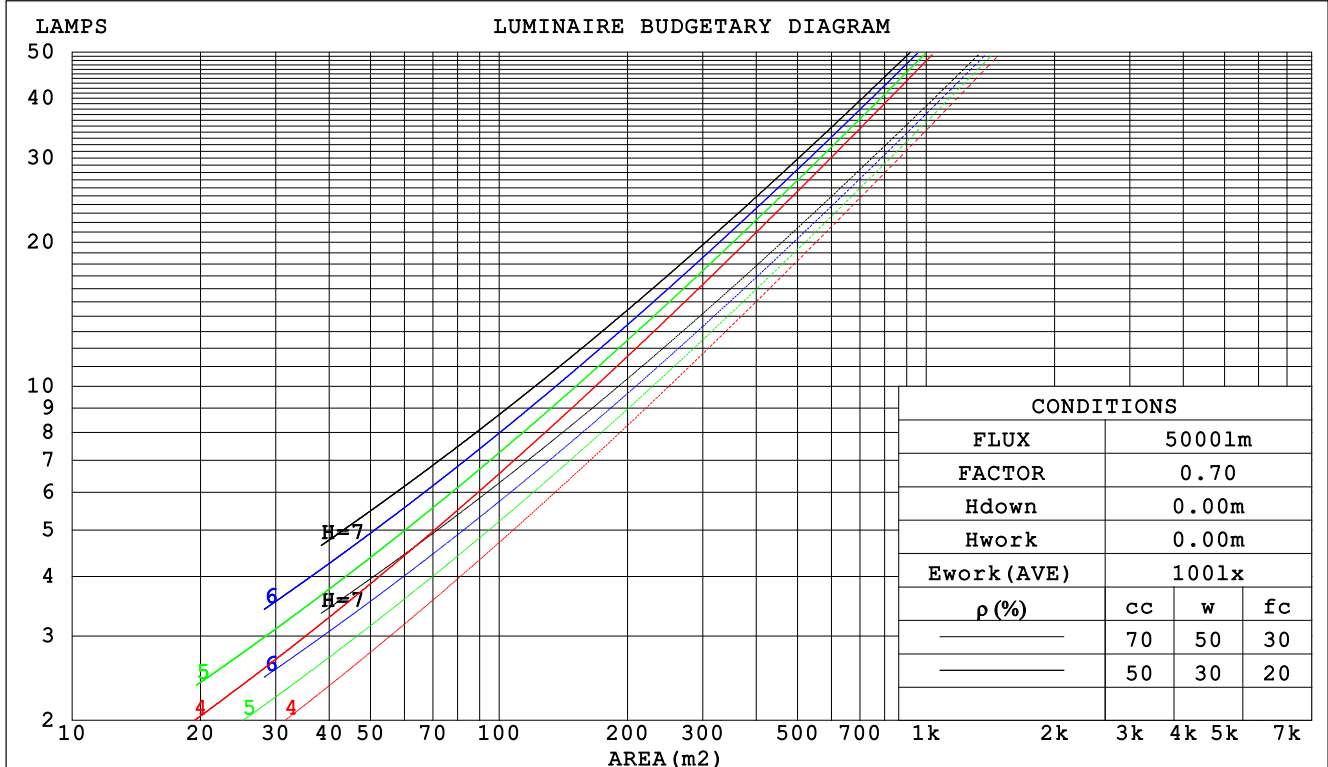
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-06-17

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:8.100m [K=1.2346]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:221.7V I:0.2720A P:58.90W PF:0.9760 Lamp Flux:8412.21x1 lm		
NAME: FS0006-60W	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		

ρ_{cc}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.02	1.02	1.02	.91	.91	.91	.71	.71	.71	.52	.52	.52	.35	.35	.35	.27
1.0	.90	.87	.84	.81	.79	.76	.64	.62	.61	.48	.47	.46	.33	.33	.32	.26
2.0	.81	.76	.72	.73	.69	.65	.58	.55	.53	.44	.43	.41	.31	.31	.30	.24
3.0	.73	.67	.62	.66	.61	.57	.53	.49	.47	.41	.39	.37	.30	.29	.28	.23
4.0	.66	.59	.54	.60	.54	.50	.48	.45	.42	.38	.35	.34	.28	.27	.26	.22
5.0	.60	.53	.48	.54	.49	.44	.44	.41	.37	.35	.33	.31	.26	.25	.24	.20
6.0	.55	.48	.43	.50	.44	.40	.41	.37	.34	.33	.30	.28	.25	.24	.22	.19
7.0	.50	.43	.39	.46	.40	.36	.38	.34	.31	.31	.28	.26	.24	.22	.21	.18
8.0	.46	.40	.35	.42	.37	.33	.35	.31	.28	.29	.26	.24	.22	.21	.20	.17
9.0	.43	.36	.32	.39	.34	.30	.33	.29	.26	.27	.24	.22	.21	.20	.19	.17
10.0	.40	.33	.29	.37	.31	.28	.31	.27	.24	.25	.23	.21	.20	.19	.18	.16



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-06-17

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:8.100m [K=1.2346]
Remarks:

WEC AND CCEC

Test:U:221.7V I:0.2720A P:58.90W PF:0.9760 Lamp Flux:8412.21x1 lm								
NAME: FS0006-60W				TYPE:			SERIAL No.:	
SPEC.:				DIM.:			PROTECTION ANGLE:	
MFR.: EVERFINE								

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)										
0.0																	
1.0	.232	.132	.042	.203	.116	.037	.149	.085	.027	.099	.057	.018	.054	.031	.010		
2.0	.214	.117	.036	.188	.104	.032	.139	.077	.024	.093	.052	.016	.052	.029	.009		
3.0	.199	.106	.032	.175	.094	.028	.130	.070	.021	.088	.048	.015	.049	.027	.008		
4.0	.185	.096	.028	.163	.085	.025	.122	.065	.019	.083	.045	.013	.047	.026	.008		
5.0	.173	.088	.026	.153	.078	.023	.114	.060	.018	.079	.042	.012	.045	.024	.007		
6.0	.162	.081	.023	.143	.072	.021	.108	.055	.016	.075	.039	.011	.044	.023	.007		
7.0	.152	.075	.021	.135	.067	.019	.102	.051	.015	.071	.036	.011	.042	.022	.006		
8.0	.143	.070	.020	.127	.063	.018	.096	.048	.014	.067	.034	.010	.040	.021	.006		
9.0	.136	.066	.018	.120	.059	.016	.092	.045	.013	.064	.032	.009	.039	.020	.006		
10.0	.128	.062	.017	.114	.055	.015	.087	.043	.012	.061	.031	.009	.037	.019	.005		

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.745	.745	.745	.637	.637	.637	.434	.434	.434	.250	.250	.250	.080	.080	.080	
1.0	.734	.716	.699	.628	.614	.602	.429	.423	.416	.247	.245	.242	.079	.079	.078	
2.0	.725	.695	.670	.621	.598	.579	.425	.414	.404	.245	.241	.237	.079	.078	.077	
3.0	.716	.679	.650	.614	.586	.564	.422	.407	.395	.244	.238	.233	.078	.077	.076	
4.0	.709	.668	.636	.609	.577	.553	.419	.402	.389	.242	.236	.230	.078	.077	.076	
5.0	.703	.658	.626	.603	.570	.544	.416	.398	.384	.241	.234	.228	.078	.076	.075	
6.0	.697	.651	.618	.599	.564	.539	.413	.395	.381	.240	.232	.226	.077	.076	.075	
7.0	.691	.645	.613	.594	.559	.534	.411	.392	.378	.239	.231	.225	.077	.076	.074	
8.0	.686	.640	.608	.591	.555	.531	.409	.390	.376	.238	.230	.224	.077	.075	.074	
9.0	.681	.636	.605	.587	.552	.528	.407	.388	.375	.237	.229	.224	.077	.075	.074	
10.0	.677	.632	.602	.583	.549	.526	.405	.386	.373	.236	.228	.223	.077	.075	.074	

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-06-17

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:8.100m [K=1.2346]
Remarks:

Uncorrected UGR Table

Test:U:221.7V I:0.2720A P:58.90W PF:0.9760 Lamp Flux:8412.21x1 lm										
NAME: FS0006-60W					TYPE:			SERIAL No.:		
SPEC.:					DIM.:			PROTECTION ANGLE:		
MFR.: EVERFINE										
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	3.4	4.1	4.5	5.1	6.5	0.1	0.8	1.2	1.8	3.2
3H	3.1	3.7	4.2	4.7	6.1	-0.0	0.6	1.0	1.6	3.0
4H	2.9	3.4	4.0	4.5	5.9	-0.0	0.5	1.1	1.6	3.0
6H	2.7	3.2	3.8	4.3	5.7	0.1	0.6	1.2	1.7	3.1
8H	2.6	3.1	3.7	4.2	5.6	0.1	0.6	1.2	1.7	3.1
12H	2.5	3.0	3.6	4.1	5.6	0.0	0.5	1.1	1.6	3.0
4H 2H	2.9	3.4	4.0	4.5	5.9	-0.4	0.2	0.7	1.2	2.7
3H	2.5	3.0	3.7	4.1	5.6	-0.5	-0.0	0.7	1.1	2.6
4H	2.4	2.8	3.5	3.9	5.4	-0.3	0.1	0.8	1.2	2.7
6H	2.2	2.6	3.4	3.7	5.2	-0.0	0.3	1.1	1.4	3.0
8H	2.2	2.5	3.3	3.6	5.2	0.1	0.4	1.2	1.5	3.1
12H	2.1	2.4	3.3	3.5	5.1	-0.0	0.3	1.1	1.4	3.0
8H 4H	2.1	2.5	3.3	3.6	5.1	-0.5	-0.1	0.7	1.0	2.5
6H	2.1	2.3	3.3	3.5	5.1	0.1	0.3	1.2	1.5	3.0
8H	2.1	2.4	3.3	3.5	5.1	0.2	0.5	1.4	1.6	3.2
12H	2.3	2.5	3.5	3.6	5.3	0.2	0.4	1.3	1.5	3.1
12H 4H	2.1	2.3	3.2	3.5	5.0	-0.5	-0.2	0.6	0.9	2.5
6H	2.1	2.3	3.2	3.4	5.0	0.1	0.3	1.3	1.5	3.1
8H	2.2	2.4	3.4	3.5	5.1	0.3	0.5	1.5	1.7	3.3
Variations with the observer position at spacings:										
S = 1.0H	+ 3.8 / - 3.6					+ 1.9 / - 1.8				
1.5H	+ 6.4 / - 3.7					+ 3.9 / - 1.8				
2.0H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117 Corrected 8412 lm Total Lamp Luminous Flux. (8log(F/F0) = 7.4)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2026-06-17

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
 Humidity:65.0%
 Test Distance:8.100m [K=1.2346]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:221.7V I:0.2720A P:58.90W PF:0.9760 Lamp Flux:8412.21x1 lm		
NAME: FS0006-60W	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		

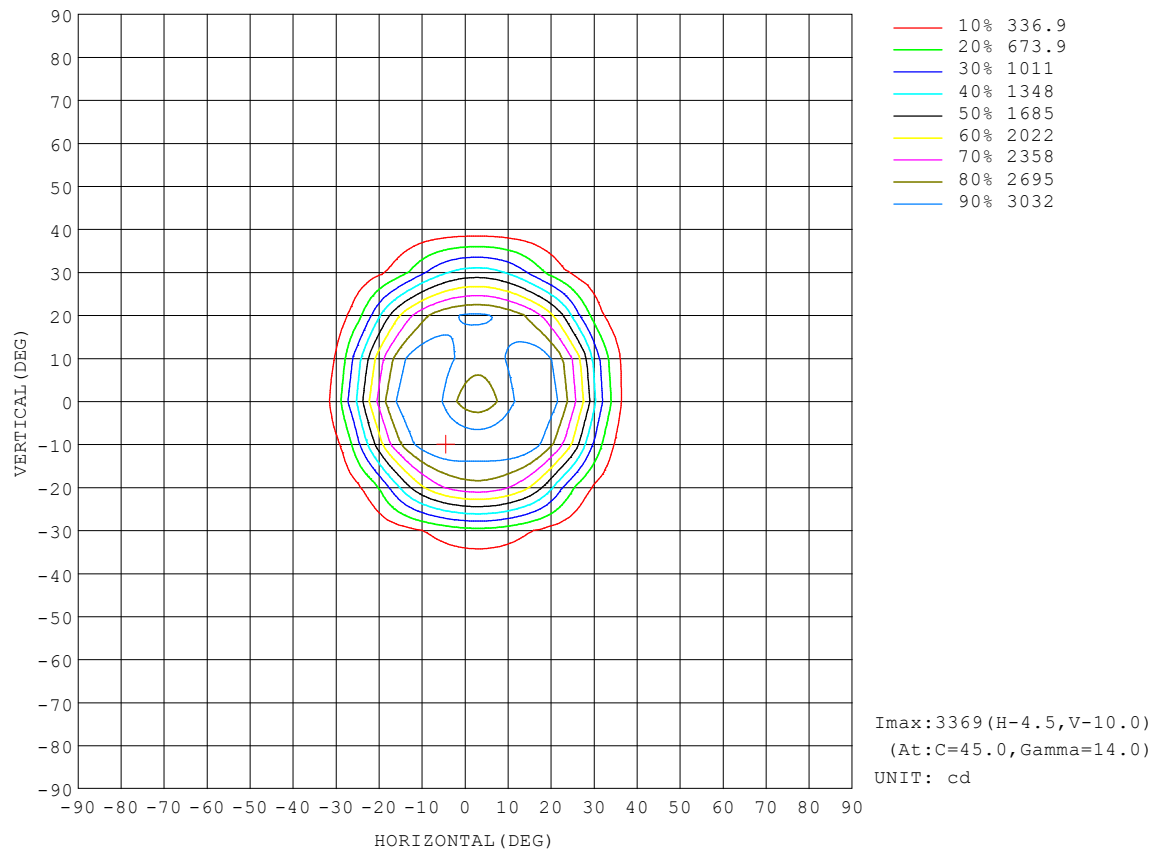
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	47	38	33	44	36	31	38	32	29	21
0.80	55	46	40	51	43	38	43	37	34	23
1.00	61	52	45	56	48	43	47	41	37	24
1.25	67	58	51	61	53	48	51	45	41	25
1.50	72	63	56	65	58	52	53	48	45	26
2.00	78	70	63	70	64	58	57	52	49	26
2.50	82	74	69	74	68	63	59	55	52	26
3.00	85	78	73	76	71	66	61	57	54	27
4.00	89	83	79	80	75	71	63	60	58	27
5.00	91	87	82	82	78	75	65	62	60	27
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-06-17

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:8.100m [K=1.2346]
Remarks:

ISOCANDELA DIAGRAM

Test:U:221.7V I:0.2720A P:58.90W PF:0.9760 Lamp Flux:8412.21x1 lm		
NAME: FS0006-60W	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		

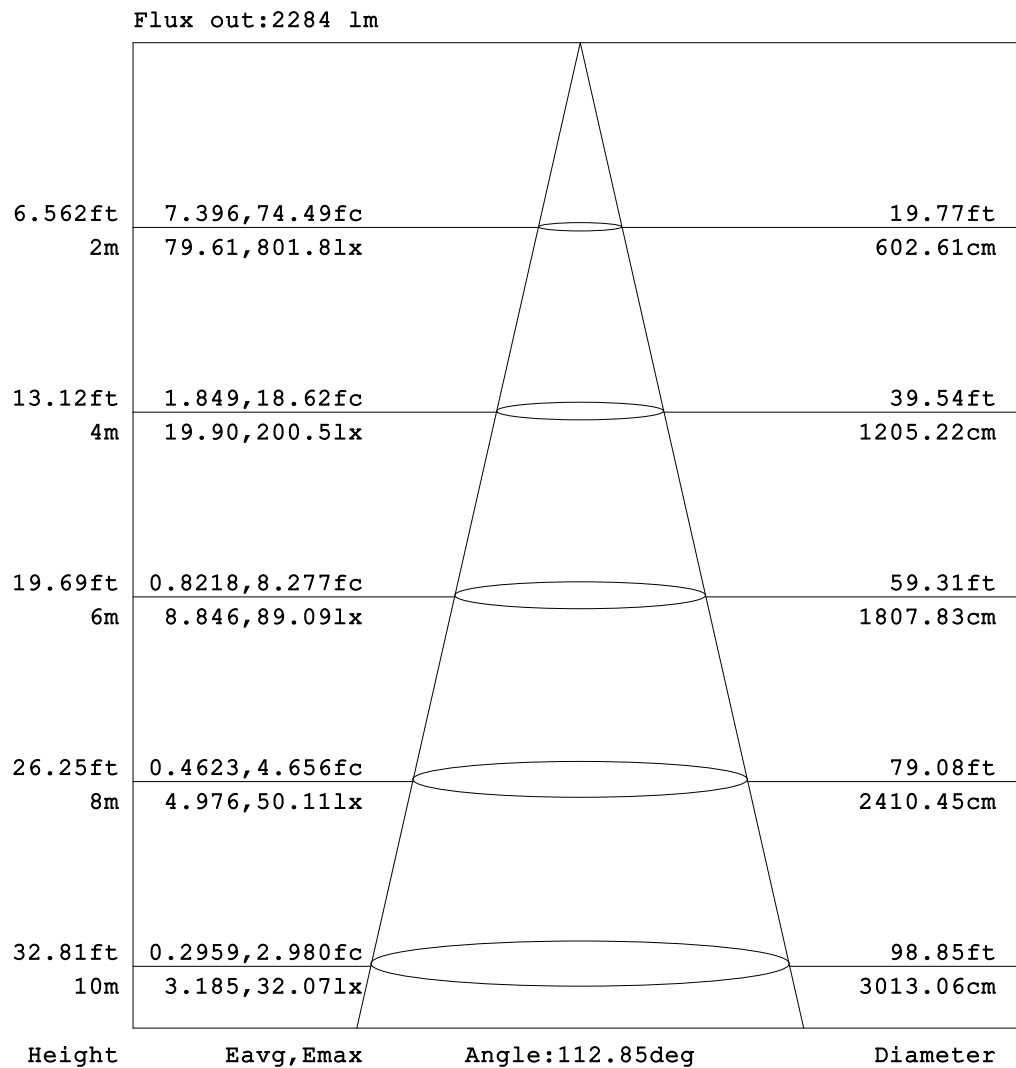


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2026-06-17

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity: 65.0%
Test Distance: 8.100m [K=1.2346]
Remarks:

AAI Figure

Test:U:221.7V I:0.2720A P:58.90W PF:0.9760 Lamp Flux:8412.21x1 lm		
NAME: FS0006-60W	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		



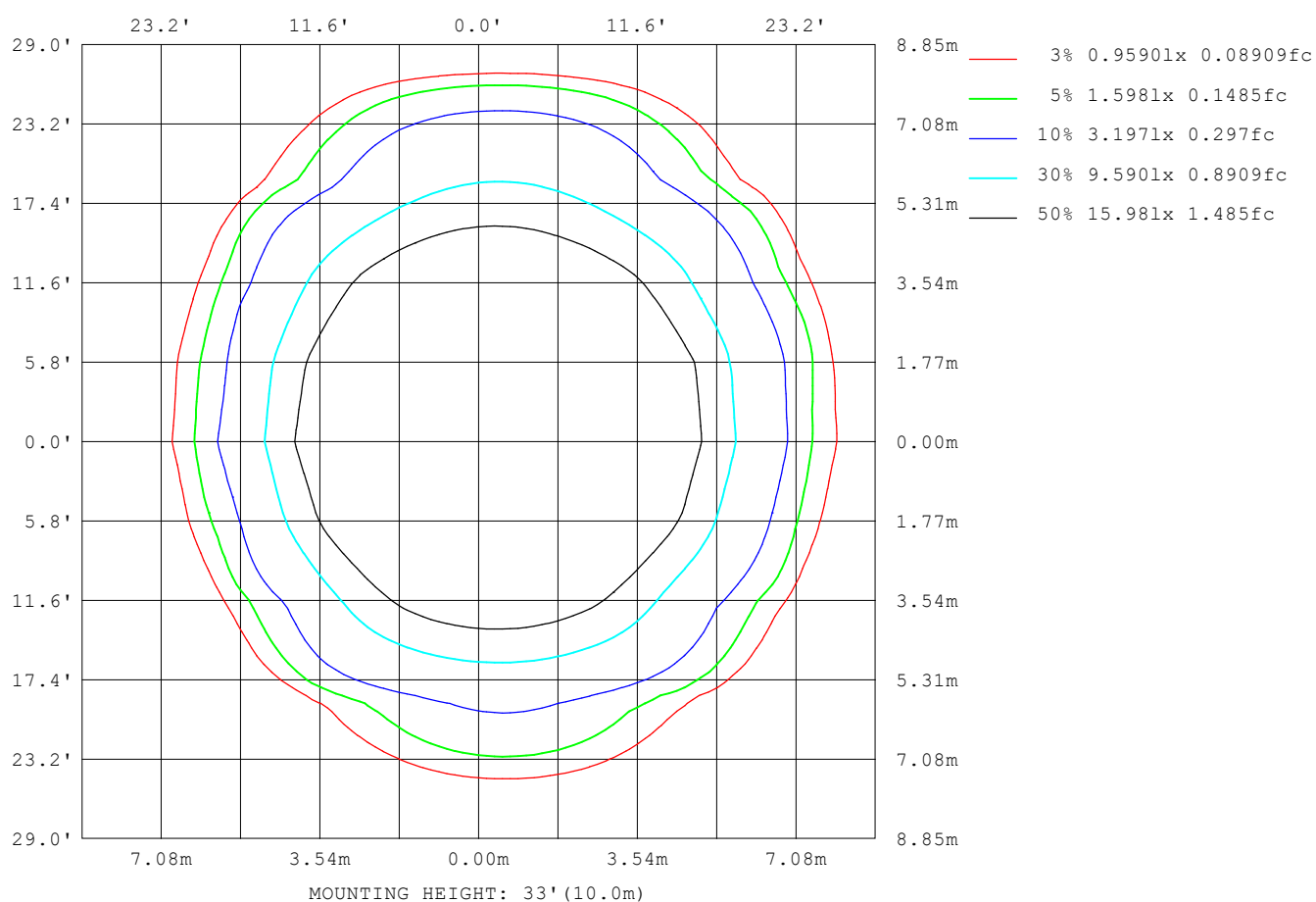
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-06-17

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:8.100m [K=1.2346]
Remarks:

ISOLUX DIAGRAM

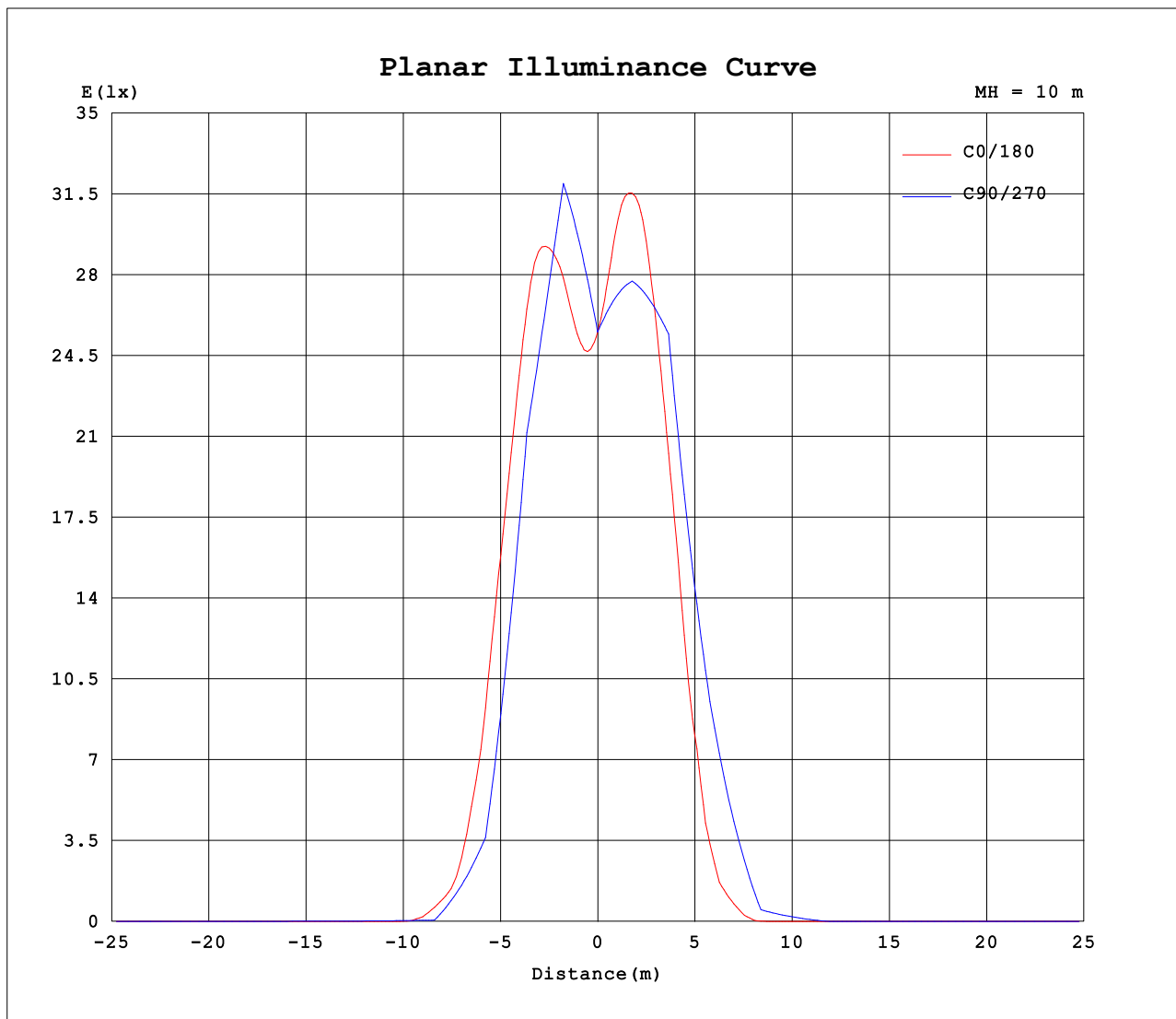
Test:U:221.7V I:0.2720A P:58.90W PF:0.9760 Lamp Flux:8412.21x1 lm		
NAME: FS0006-60W	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-06-17

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:8.100m [K=1.2346]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2026-06-17

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity: 65.0%
Test Distance: 8.100m [K=1.2346]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:221.7V I:0.2720A P:58.90W PF:0.9760 Lamp Flux:8412.21x1 lm		
NAME: FS0006-60W	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	2552	2552	2552	2552	2552	2552	2552	2552	2552	2552	2552	2552	2552	2552	2552	2552	2552	2552	2552
5	2533	2567	2599	2630	2659	2686	2712	2735	2759	2782	2803	2824	2845	2864	2884	2902	2919	2935	2949
10	2917	2954	2986	3014	3039	3062	3084	3106	3129	3151	3176	3200	3225	3248	3272	3294	3314	3332	3345
15	3243	3241	3239	3240	3249	3265	3291	3323	3362	3302	3221	3152	3094	3048	3013	2986	2967	2955	2948
20	3197	3124	3068	3034	3019	3030	3031	2927	2844	2778	2715	2667	2639	2623	2616	2610	2599	2580	2551
25	2488	2389	2327	2304	2311	2246	2130	2050	2006	1985	1988	1958	1886	1819	1755	1697	1641	1595	1556
30	1427	1325	1270	1249	1233	1181	1111	1033	997	1055	1067	1024	951	863	781	709	648	598	561
35	504	453	434	430	428	413	350	350	382	396	358	256	265	290	308	314	313	303	288
40	139	123	119	116	106	93.6	104	106	93.4	77.4	96.7	107	106	99.0	84.3	61.7	38.2	20.9	14.7
45	3.88	4.32	4.14	8.94	9.31	13.6	18.5	12.2	18.3	25.3	28.4	19.6	11.8	12.3	12.6	12.6	12.6	12.5	12.3
50	2.00	1.98	2.07	2.31	2.80	3.62	4.60	5.82	7.40	7.76	8.68	9.39	9.86	10.2	10.3	10.3	10.2	10.1	10.00
55	1.55	1.51	1.59	1.77	2.29	3.00	4.02	5.06	6.03	6.94	7.66	8.09	8.45	8.80	9.05	9.17	9.22	9.15	9.01
60	1.29	1.23	1.34	1.65	2.17	3.12	4.09	5.08	5.97	6.72	7.32	7.79	8.11	8.32	8.44	8.41	8.35	8.21	8.03
65	1.06	1.01	1.18	1.61	2.53	3.53	4.55	5.46	6.23	6.88	7.40	7.72	7.88	7.98	8.04	8.02	7.99	7.88	7.72
70	0.83	0.84	1.18	2.03	3.15	4.25	5.20	5.99	6.64	7.03	7.32	7.51	7.64	7.70	7.73	7.70	7.68	7.56	7.42
75	0.75	0.83	1.53	2.91	4.18	5.21	5.91	6.36	6.74	7.02	7.19	7.25	7.29	7.29	7.28	7.23	7.18	7.07	6.94
80	0.74	1.06	2.73	4.36	5.38	5.94	6.31	6.47	6.60	6.71	6.79	6.83	6.84	6.83	6.80	6.74	6.68	6.58	6.47
85	0.82	2.62	4.95	5.69	5.90	6.04	6.06	4.61	3.52	2.67	2.00	1.47	1.03	0.69	0.43	0.24	0.10	0.02	0.00
90	0.95	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
95	14.0	11.8	11.5	11.1	28.2	23.2	23.1	36.5	34.3	34.1	36.3	36.5	30.4	23.4	16.0	9.37	4.22	1.06	0.00
100	101	103	106	113	117	137	144	188	210	212	221	242	255	269	278	282	282	280	276
105	295	316	340	360	388	397	409	421	430	432	435	450	470	489	502	506	508	507	505
110	594	608	619	632	642	655	656	658	663	663	664	675	693	712	727	730	734	735	734
115	822	839	849	869	877	887	890	894	891	891	896	909	923	937	949	950	952	953	951
120	1039	1055	1065	1081	1100	1102	1112	1108	1111	1116	1116	1124	1136	1149	1161	1165	1168	1170	1168
125	1238	1250	1265	1285	1292	1305	1306	1316	1315	1316	1321	1334	1340	1345	1350	1351	1350	1348	1342
130	1418	1429	1447	1457	1469	1477	1489	1490	1497	1505	1503	1506	1511	1518	1524	1528	1528	1525	1517
135	1579	1587	1608	1611	1624	1629	1638	1651	1649	1652	1659	1669	1669	1669	1671	1671	1670	1667	1662
140	1721	1727	1743	1751	1755	1764	1766	1771	1782	1792	1795	1798	1800	1804	1806	1808	1808	1809	1808
145	1840	1844	1855	1869	1868	1871	1879	1885	1893	1903	1914	1924	1924	1923	1923	1921	1917	1914	1911
150	1942	1943	1950	1960	1968	1971	1979	1989	1998	2000	2003	2007	2012	2018	2022	2023	2021	2018	2013
155	2032	2033	2037	2043	2052	2057	2059	2063	2068	2075	2082	2084	2084	2083	2084	2082	2079	2077	2074
160	2099	2099	2101	2105	2110	2116	2122	2122	2123	2125	2127	2129	2131	2134	2135	2135	2135	2135	2135
165	2152	2151	2151	2152	2154	2155	2158	2160	2163	2163	2163	2162	2162	2162	2163	2164	2163	2163	2162
170	2183	2182	2181	2181	2181	2181	2181	2181	2182	2182	2183	2185	2186	2189	2190	2191	2191	2191	2190
175	2195	2195	2195	2194	2194	2194	2194	2194	2195	2195	2195	2196	2196	2196	2196	2197	2197	2197	2197
180	2204	2204	2204	2204	2204	2204	2204	2204	2204	2204	2204	2204	2204	2204	2204	2204	2204	2204	2204

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-06-17

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:8.100m [K=1.2346]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:221.7V I:0.2720A P:58.90W PF:0.9760 Lamp Flux:8412.21x1 lm		
NAME: FS0006-60W	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		

Table--2

UNIT: cd

C (DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	2552	2552	2552	2552	2552	2552	2552	2552	2552	2552	2552	2552	2552	2552	2552	2552	2552	2552	2552
5	2964	2976	2989	3000	3009	3017	3024	3030	3035	3038	3040	3041	3040	3038	3033	3025	3014	3000	3005
10	3354	3358	3354	3345	3335	3323	3309	3295	3284	3273	3266	3261	3261	3263	3269	3279	3291	3302	3297
15	2945	2945	2948	2952	2960	2974	2994	3020	3054	3076	3038	3015	3000	3001	3013	3042	3085	3141	3115
20	2512	2469	2422	2377	2336	2298	2268	2249	2240	2246	2280	2336	2308	2273	2268	2295	2354	2443	2409
25	1527	1507	1495	1489	1478	1455	1399	1318	1273	1247	1240	1255	1274	1267	1249	1262	1309	1396	1374
30	539	534	547	581	620	640	627	570	484	422	449	458	432	397	396	423	462	518	489
35	269	245	220	196	174	149	128	152	152	139	129	116	116	120	118	115	122	141	138
40	19.6	31.4	44.3	54.5	59.4	56.2	45.3	30.4	20.0	26.5	25.5	18.8	11.8	10.8	5.61	4.19	4.03	3.63	4.36
45	12.1	11.6	11.1	10.4	9.61	8.64	9.89	9.90	6.48	4.45	3.50	2.77	2.18	1.79	1.63	1.59	1.56	1.57	1.60
50	9.75	9.40	8.98	8.48	7.87	7.11	6.20	5.19	4.16	3.32	2.51	1.81	1.40	1.15	1.06	1.10	1.11	1.13	1.18
55	8.75	8.39	7.95	7.42	6.81	6.12	5.42	4.70	3.88	3.03	2.24	1.65	1.16	0.91	0.76	0.82	0.89	0.93	1.01
60	7.79	7.53	7.23	6.86	6.41	5.88	5.28	4.64	3.97	3.24	2.49	1.75	1.25	0.84	0.66	0.62	0.73	0.78	0.89
65	7.49	7.23	6.94	6.59	6.21	5.78	5.32	4.82	4.22	3.59	2.94	2.23	1.52	0.99	0.61	0.46	0.58	0.62	0.74
70	7.22	6.99	6.75	6.46	6.14	5.78	5.41	5.00	4.54	4.05	3.46	2.83	2.16	1.42	0.83	0.51	0.50	0.57	0.62
75	6.78	6.60	6.43	6.22	5.99	5.74	5.49	5.22	4.89	4.48	4.02	3.51	2.92	2.22	1.38	0.68	0.42	0.48	0.49
80	6.35	6.21	6.11	5.98	5.81	5.62	5.42	5.20	4.97	4.74	4.48	4.20	3.78	3.20	2.43	1.34	0.46	0.40	0.42
85	0.02	0.10	0.21	0.38	0.59	0.86	1.18	1.58	2.06	2.66	3.43	4.46	4.33	4.09	3.76	2.96	1.30	0.37	0.33
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	1.42	0.00
95	1.06	4.16	8.82	14.8	20.9	26.3	30.3	28.9	26.3	28.6	24.1	10.0	17.2	9.05	8.67	7.79	6.45	6.35	10.4
100	280	278	267	258	242	223	208	188	176	166	125	87.7	84.5	68.2	57.7	42.7	21.3	12.2	12.4
105	505	499	486	469	443	418	397	382	376	359	325	304	259	221	180	136	122	114	101
110	730	720	706	684	654	627	608	599	592	575	557	540	516	488	459	419	380	363	335
115	946	937	921	903	874	851	832	816	802	791	784	765	740	710	681	669	640	628	605
120	1160	1151	1133	1114	1088	1063	1041	1022	1006	992	987	982	959	939	912	891	872	861	832
125	1337	1330	1320	1302	1290	1271	1251	1225	1206	1195	1188	1171	1162	1139	1126	1093	1078	1078	1056
130	1513	1507	1499	1480	1465	1447	1428	1410	1399	1381	1366	1359	1341	1326	1301	1277	1260	1257	1243
135	1658	1653	1647	1636	1619	1607	1596	1575	1555	1542	1536	1523	1515	1502	1474	1456	1439	1437	1418
140	1803	1797	1788	1776	1759	1737	1725	1713	1706	1693	1683	1675	1675	1654	1638	1623	1606	1601	1578
145	1907	1903	1895	1886	1877	1867	1853	1838	1828	1824	1821	1819	1805	1794	1788	1766	1750	1743	1722
150	2010	2005	1996	1986	1976	1965	1956	1946	1940	1938	1931	1924	1919	1916	1906	1890	1879	1874	1853
155	2071	2067	2062	2058	2053	2049	2046	2042	2033	2024	2017	2013	2012	2007	1995	1986	1980	1977	1958
160	2131	2127	2123	2119	2114	2110	2106	2102	2097	2095	2094	2095	2087	2077	2070	2064	2061	2060	2046
165	2160	2159	2157	2155	2154	2153	2152	2152	2151	2150	2145	2140	2134	2130	2127	2124	2123	2123	2113
170	2189	2188	2187	2186	2185	2182	2181	2179	2177	2175	2172	2170	2168	2167	2166	2165	2165	2165	2159
175	2197	2197	2197	2196	2196	2195	2194	2194	2193	2193	2192	2192	2192	2191	2191	2191	2192	2192	2189
180	2204	2204	2204	2204	2204	2204	2204	2204	2204	2204	2204	2204	2204	2204	2204	2204	2204	2204	2204

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-06-17

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:8.100m [K=1.2346]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:221.7V I:0.2720A P:58.90W PF:0.9760 Lamp Flux:8412.21x1 lm																		
NAME: FS0006-60W									TYPE:					SERIAL No.:				
SPEC.:									DIM.:					PROTECTION ANGLE:				
MFR.: EVERFINE																		

Table--3

UNIT: cd

C (DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	2552	2552	2552	2552	2552	2552	2552	2552	2552	2552	2552	2552	2552	2552	2552	2552	2552	2552	2552
5	3007	3006	3000	2992	2981	2968	2952	2934	2915	2893	2871	2847	2823	2798	2773	2751	2728	2710	2690
10	3290	3283	3277	3271	3263	3256	3243	3229	3207	3180	3149	3112	3073	3031	2988	2944	2903	2870	2843
15	3100	3097	3108	3123	3150	3175	3203	3186	3157	3132	3109	3088	3067	3045	3024	3004	2984	2970	2957
20	2403	2424	2469	2536	2598	2595	2613	2643	2675	2714	2762	2811	2867	2927	2981	3030	3066	3084	3081
25	1392	1443	1535	1603	1646	1703	1780	1869	1977	2029	2046	2077	2110	2146	2189	2228	2266	2301	2335
30	489	524	596	678	720	768	869	978	1049	1077	1099	1132	1194	1262	1341	1410	1465	1502	1535
35	146	165	174	189	212	232	296	343	360	313	374	467	564	651	710	757	790	817	842
40	5.96	13.9	22.9	32.1	49.4	63.7	64.0	69.7	98.8	123	138	156	166	158	136	118	115	133	169
45	1.68	1.73	1.87	2.13	3.74	3.45	8.77	15.0	20.9	16.8	13.5	20.8	30.2	39.5	47.1	53.6	58.4	61.0	60.1
50	1.22	1.19	1.20	1.27	1.33	1.44	1.58	1.58	1.78	2.37	5.09	6.53	7.77	7.20	5.11	2.82	1.75	3.00	6.27
55	1.01	0.96	0.97	0.99	0.98	0.99	1.06	1.15	1.21	1.20	1.20	1.23	1.26	1.31	1.37	1.44	1.45	1.47	1.46
60	0.84	0.81	0.82	0.77	0.77	0.83	0.89	0.92	0.95	0.98	0.99	1.02	1.03	1.05	1.09	1.13	1.15	1.17	1.19
65	0.66	0.69	0.64	0.63	0.68	0.72	0.75	0.79	0.81	0.84	0.86	0.90	0.92	0.94	0.97	0.99	1.01	1.02	1.02
70	0.56	0.52	0.50	0.53	0.56	0.59	0.65	0.72	0.78	0.82	0.85	0.87	0.87	0.87	0.87	0.86	0.86	0.86	0.87
75	0.48	0.43	0.47	0.47	0.51	0.59	0.67	0.74	0.78	0.81	0.83	0.84	0.79	0.86	0.86	0.86	0.86	0.87	0.87
80	0.40	0.42	0.47	0.56	0.60	0.65	0.69	0.74	0.77	0.79	0.80	0.82	0.72	0.86	0.86	0.86	0.86	0.88	0.89
85	0.42	0.55	0.59	0.63	0.65	0.49	0.38	0.31	0.23	0.17	0.12	0.08	0.05	0.03	0.01	0.00	0.00	0.00	0.01
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
95	12.0	11.3	11.2	11.6	11.8	10.1	8.34	6.83	5.22	3.96	3.95	3.00	2.19	1.60	0.76	0.20	0.00	0.21	0.89
100	16.3	22.0	24.7	28.1	23.8	41.7	45.3	48.0	55.3	55.1	55.5	52.5	51.2	55.1	54.2	54.8	52.7	57.1	62.5
105	89.4	88.6	91.1	111	110	149	143	130	146	161	170	180	190	198	199	201	204	208	216
110	322	316	321	325	340	346	347	339	336	331	332	339	346	351	348	349	355	359	373
115	606	595	589	582	574	565	558	548	539	534	541	553	562	572	571	577	580	584	598
120	824	818	811	803	807	787	774	762	751	750	757	767	777	793	793	804	805	809	822
125	1041	1033	1017	1012	1005	1004	987	973	967	971	976	981	990	998	1000	1003	1004	1006	1019
130	1236	1219	1209	1201	1198	1191	1188	1191	1179	1177	1179	1185	1194	1200	1204	1202	1204	1204	1214
135	1411	1396	1398	1392	1384	1383	1375	1368	1371	1377	1378	1377	1380	1385	1386	1383	1383	1385	1393
140	1564	1557	1557	1564	1551	1542	1542	1549	1542	1540	1541	1543	1552	1559	1563	1562	1563	1564	1567
145	1708	1702	1694	1690	1692	1687	1684	1685	1690	1694	1692	1692	1691	1690	1689	1687	1687	1687	1688
150	1837	1827	1819	1812	1808	1808	1809	1802	1801	1804	1808	1812	1812	1811	1811	1810	1812	1811	1809
155	1943	1932	1926	1920	1913	1909	1907	1908	1910	1909	1908	1906	1904	1902	1902	1904	1906	1907	1909
160	2034	2026	2020	2017	2015	2007	2001	1998	1996	1994	1993	1992	1991	1991	1993	1997	2000	2002	2005
165	2104	2097	2092	2088	2085	2084	2083	2079	2075	2071	2068	2066	2064	2064	2064	2066	2068	2070	2072
170	2153	2148	2144	2140	2137	2135	2134	2133	2132	2131	2131	2132	2131	2132	2133	2134	2136	2138	2138
175	2186	2184	2181	2179	2177	2176	2174	2173	2172	2171	2170	2170	2170	2170	2170	2170	2170	2170	2171
180	2204	2204	2204	2204	2204	2204	2204	2204	2204	2204	2204	2204	2204	2204	2204	2204	2204	2204	2204

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-06-17

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:8.100m [K=1.2346]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:221.7V I:0.2720A P:58.90W PF:0.9760 Lamp Flux:8412.21x1 lm																	
NAME: FS0006-60W									TYPE:						SERIAL No.:		
SPEC.:									DIM.:						PROTECTION ANGLE:		
MFR.: EVERFINE																	

Table--4

UNIT: cd

C (DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	2552	2552	2552	2552	2552	2552	2552	2552	2552	2552	2552	2552	2552	2552	2552				
5	2674	2659	2645	2635	2624	2616	2609	2601	2595	2590	2584	2577	2568	2558	2546				
10	2823	2811	2807	2810	2818	2831	2846	2864	2881	2898	2912	2923	2929	2931	2927				
15	2947	2944	2946	2961	2988	3029	3082	3136	3162	3186	3203	3217	3227	3236	3242				
20	3056	3017	2979	2952	2943	2957	2993	3045	3121	3208	3209	3185	3170	3165	3174				
25	2364	2390	2424	2471	2534	2570	2540	2532	2539	2569	2619	2615	2539	2490	2472				
30	1544	1544	1550	1554	1581	1627	1668	1683	1623	1585	1606	1633	1559	1458	1413				
35	850	841	791	710	627	699	746	731	684	624	619	626	613	548	510				
40	217	263	286	281	258	217	189	218	207	186	179	166	165	157	141				
45	56.7	50.7	42.0	31.3	39.3	59.7	63.4	49.5	32.8	42.2	29.6	21.8	16.3	8.18	4.87				
50	10.2	13.0	13.5	11.2	8.17	4.69	2.38	8.01	5.22	2.23	2.09	1.95	1.90	1.91	1.92				
55	1.42	1.37	1.34	1.30	1.66	1.54	1.49	1.40	1.34	1.28	1.20	1.22	1.29	1.34	1.42				
60	1.18	1.15	1.14	1.12	1.10	1.03	0.94	0.93	0.92	0.88	0.88	0.86	0.97	1.08	1.15				
65	1.02	1.01	0.99	0.97	0.95	0.92	0.86	0.78	0.70	0.67	0.67	0.67	0.68	0.85	0.91				
70	0.88	0.89	0.89	0.89	0.89	0.85	0.81	0.76	0.69	0.59	0.53	0.55	0.54	0.61	0.71				
75	0.87	0.87	0.87	0.86	0.85	0.81	0.77	0.75	0.68	0.62	0.56	0.49	0.49	0.51	0.65				
80	0.89	0.89	0.88	0.88	0.88	0.86	0.84	0.79	0.73	0.67	0.64	0.60	0.53	0.49	0.56				
85	0.03	0.06	0.09	0.14	0.19	0.27	0.36	0.47	0.61	0.79	0.75	0.71	0.66	0.59	0.47				
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				
95	1.91	3.20	4.19	4.94	6.36	6.93	7.81	10.1	12.6	15.2	16.4	15.1	15.7	16.5	16.7				
100	64.8	68.2	68.4	69.5	74.2	76.9	77.8	71.0	60.9	58.7	57.5	58.7	64.2	71.7	81.0				
105	217	219	218	213	204	196	200	202	219	223	215	211	217	240	276				
110	379	387	392	394	391	394	405	420	445	466	486	503	529	553	575				
115	604	608	615	612	608	611	626	650	678	697	717	741	768	788	810				
120	827	826	832	832	834	842	859	877	896	920	942	973	987	1007	1028				
125	1029	1037	1039	1047	1057	1058	1069	1087	1111	1128	1157	1172	1193	1208	1224				
130	1226	1235	1237	1236	1242	1254	1272	1282	1299	1326	1338	1355	1374	1394	1403				
135	1406	1415	1423	1426	1423	1427	1439	1457	1480	1488	1503	1520	1535	1560	1564				
140	1575	1579	1580	1584	1585	1589	1600	1609	1619	1635	1654	1663	1680	1695	1703				
145	1697	1706	1717	1726	1735	1739	1743	1745	1754	1768	1774	1786	1803	1810	1822				
150	1813	1823	1832	1841	1850	1858	1870	1883	1885	1885	1890	1902	1910	1916	1926				
155	1913	1922	1932	1943	1955	1967	1970	1974	1978	1986	1995	2002	2005	2011	2020				
160	2008	2012	2018	2025	2031	2037	2045	2052	2060	2069	2071	2073	2076	2082	2089				
165	2075	2079	2083	2089	2097	2105	2112	2119	2121	2123	2126	2129	2133	2138	2145				
170	2139	2140	2141	2143	2144	2146	2149	2152	2155	2158	2162	2165	2169	2173	2178				
175	2171	2171	2172	2172	2173	2175	2176	2177	2179	2181	2183	2185	2188	2190	2193				
180	2204	2204	2204	2204	2204	2204	2204	2204	2204	2204	2204	2204	2204	2204	2204				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-06-17

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:8.100m [K=1.2346]
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