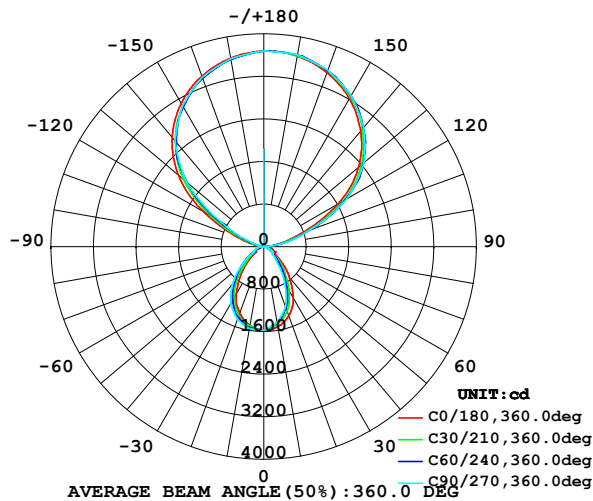


LUMINAIRE PHOTOMETRIC TEST REPORT

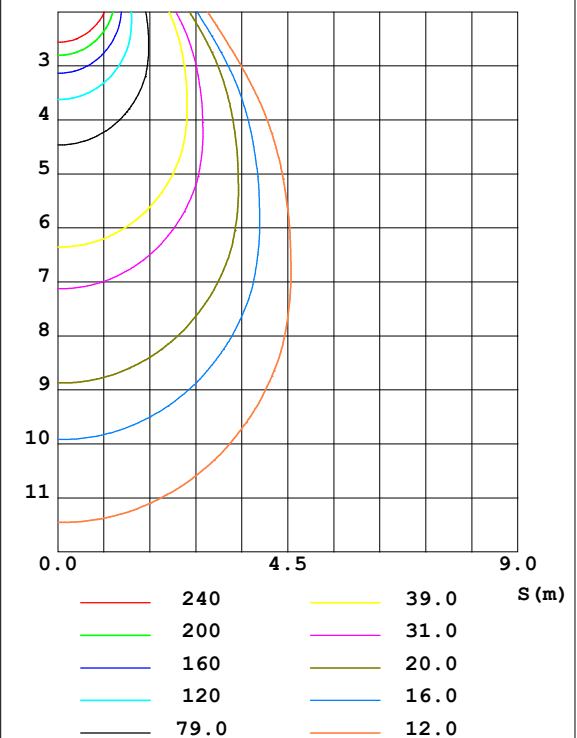
Test:U:222.1V I:0.4410A P:96.00W PF:0.9790 Lamp Flux:12308.8x1 lm		
NAME: FS1008	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 128.22 lm/W			
MODEL	2835	I _{max} (cd)	3682	S/MH(C0/180)	1.09
NOMINAL POWER(W)	100	LOR(%)	100.0	S/MH(C90/270)	0.90
RATED VOLTAGE(V)	220.0	TOTAL FLUX(lm)	12309	η UP,DN(C0-180)	42.9,8.9
NOMINAL FLUX(lm)	12308.8	CIE CLASS	SEMI-IND.	η UP,DN(C180-360)	36.1,12.1
LAMPS INSIDE	1	η up(%)	79.0	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	220.0	η down(%)	21.0	CIBSE SHR MAX	1.15

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: 2026-08-13

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity: 65.0%
Test Distance: 7.900m [K=1.2658]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
5	1566	1527	1512	1518	1554	1559	1570	1569	0- 5	37.20	37.20	0.30,0.30
10	1530	1467	1450	1450	1507	1533	1568	1554	5- 10	109.1	146.3	1.19,1.19
15	1469	1378	1326	1354	1432	1484	1512	1518	10- 15	174.1	320.3	2.6,2.6
20	1380	1245	1203	1208	1330	1390	1456	1434	15- 20	227.2	547.5	4.45,4.45
25	1266	1095	997.9	1054	1211	1282	1347	1338	20- 25	264.9	812.4	6.6,6.6
30	1113	916.3	793.0	875.1	1040	1145	1239	1213	25- 30	282.8	1095	8.9,8.9
35	924.5	734.2	595.3	698.7	839.4	988.6	1078	1062	30- 35	279.8	1375	11.2,11.2
40	748.9	567.5	397.5	536.8	655.1	812.3	916.9	892.2	35- 40	258.5	1633	13.3,13.3
45	585.2	403.2	303.9	377.2	481.4	635.3	719.8	710.1	40- 45	225.0	1858	15.1,15.1
50	412.9	246.1	210.2	224.7	310.2	488.0	522.7	555.0	45- 50	185.2	2044	16.6,16.6
55	280.5	159.5	190.4	146.3	197.4	344.4	388.7	410.6	50- 55	144.8	2189	17.8,17.8
60	234.6	103.2	170.5	101.3	208.3	219.9	254.8	271.3	55- 60	113.4	2302	18.7,18.7
65	228.1	115.3	121.2	108.3	165.4	133.5	215.3	166.1	60- 65	90.91	2393	19.4,19.4
70	174.6	104.4	71.85	89.61	114.8	104.7	175.8	114.4	65- 70	71.97	2465	20,20
75	148.9	57.82	39.03	47.09	81.53	103.4	150.7	112.3	70- 75	55.12	2520	20.5,20.5
80	113.7	24.82	6.209	18.91	53.17	89.63	125.6	105.2	75- 80	40.99	2561	20.8,20.8
85	59.38	2.974	0	2.252	13.02	32.45	0	41.01	80- 85	23.07	2584	21,21
90	7.306	0	0	0	2.839	0	0	0	85- 90	3.359	2587	21,21
95	111.5	82.15	0	76.34	35.16	7.821	0	9.868	90- 95	6.777	2594	21.1,21.1
100	254.9	325.3	325.4	291.2	136.0	72.75	24.64	84.65	95-100	61.13	2655	21.6,21.6
105	473.9	561.1	617.4	491.9	295.0	180.2	142.3	205.4	100-105	147.7	2803	22.8,22.8
110	780.0	920.4	909.3	809.4	540.8	396.5	259.9	446.7	105-110	257.1	3060	24.9,24.9
115	1178	1336	1355	1190	873.8	692.7	592.5	783.9	110-115	407.9	3468	28.2,28.2
120	1619	1784	1801	1615	1296	1072	925.2	1213	115-120	580.8	4049	32.9,32.9
125	2006	2129	2129	1979	1729	1519	1416	1663	120-125	745.2	4794	38.9,38.9
130	2328	2441	2457	2310	2096	1970	1908	2099	125-130	871.9	5666	46,46
135	2603	2683	2690	2568	2410	2287	2250	2407	130-135	943.8	6609	53.7,53.7
140	2836	2919	2922	2810	2683	2585	2593	2697	135-140	969.3	7579	61.6,61.6
145	3040	3104	3103	3014	2911	2822	2825	2917	140-145	953.0	8532	69.3,69.3
150	3217	3270	3284	3202	3108	3039	3057	3117	145-150	902.0	9434	76.6,76.6
155	3365	3408	3406	3353	3275	3220	3223	3282	150-155	818.9	10253	83.3,83.3
160	3481	3512	3529	3464	3411	3357	3389	3412	155-160	708.8	10961	89.1,89.1
165	3574	3606	3595	3565	3517	3487	3488	3528	160-165	575.4	11537	93.7,93.7
170	3638	3649	3661	3623	3600	3570	3588	3597	165-170	424.4	11961	97.2,97.2
175	3674	3673	3670	3657	3652	3630	3633	3646	170-175	259.9	12221	99.3,99.3
180	3679	3679	3679	3679	3679	3679	3679	3679	175-180	87.59	12309	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

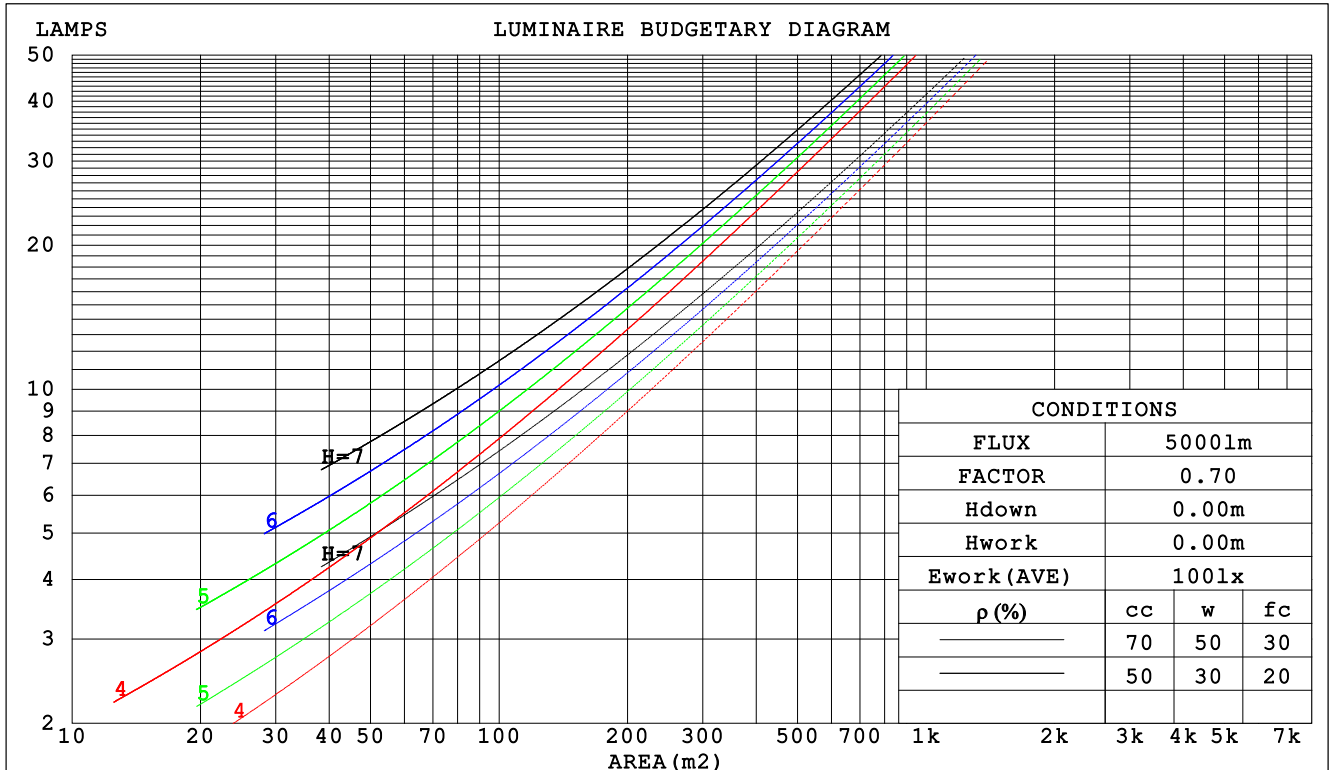
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-08-13

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:7.900m [K=1.2658]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:222.1V I:0.4410A P:96.00W PF:0.9790 Lamp Flux:12308.8x1 lm		
NAME: FS1008	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

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	1.00	1.00	1.00	.89	.89	.89	.67	.67	.67	.48	.48	.48	.30	.30	.30	.21
1.0	.88	.84	.81	.78	.75	.72	.59	.57	.56	.42	.41	.40	.27	.26	.26	.18
2.0	.77	.71	.67	.68	.64	.60	.52	.49	.47	.38	.36	.34	.24	.23	.22	.16
3.0	.68	.61	.56	.61	.55	.50	.47	.43	.40	.34	.31	.29	.22	.20	.19	.14
4.0	.60	.53	.48	.54	.48	.43	.42	.37	.34	.30	.28	.25	.20	.18	.17	.13
5.0	.54	.46	.41	.48	.42	.37	.37	.33	.30	.27	.24	.22	.18	.16	.15	.11
6.0	.48	.41	.35	.43	.37	.32	.34	.29	.26	.25	.22	.20	.16	.15	.14	.10
7.0	.44	.36	.31	.39	.33	.28	.31	.26	.23	.23	.20	.17	.15	.13	.12	.09
8.0	.40	.32	.27	.36	.29	.25	.28	.23	.20	.21	.18	.16	.14	.12	.11	.08
9.0	.36	.29	.24	.32	.26	.22	.26	.21	.18	.19	.16	.14	.13	.11	.10	.08
10.0	.33	.26	.22	.30	.24	.20	.23	.19	.16	.18	.15	.13	.12	.10	.09	.07



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-08-13

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:7.900m [K=1.2658]
Remarks:

WEC AND CCEC

Test:U:222.1V I:0.4410A P:96.00W PF:0.9790 Lamp Flux:12308.8x1 lm					
NAME: FS1008			TYPE:		WEIGHT:
SPEC.:			DIM.:		SERIAL No.:
MFR.: EVERFINE			SUR.:		PROTECTION ANGLE:

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	.256	.146	.046	.226	.129	.041	.168	.096	.031	.115	.066	.021	.066	.038	.012			
2.0	.237	.130	.040	.209	.115	.036	.157	.087	.027	.108	.061	.019	.063	.036	.011			
3.0	.220	.117	.035	.194	.104	.031	.146	.079	.024	.101	.055	.017	.059	.033	.010			
4.0	.204	.106	.031	.180	.094	.028	.136	.072	.022	.094	.051	.015	.056	.030	.009			
5.0	.190	.097	.028	.168	.086	.025	.127	.066	.019	.089	.047	.014	.053	.028	.008			
6.0	.177	.089	.025	.157	.079	.023	.119	.061	.018	.083	.043	.013	.050	.026	.008			
7.0	.166	.082	.023	.147	.073	.021	.112	.056	.016	.078	.040	.012	.047	.024	.007			
8.0	.156	.076	.021	.138	.068	.019	.105	.052	.015	.074	.037	.011	.044	.023	.007			
9.0	.147	.071	.020	.130	.064	.018	.099	.049	.014	.070	.035	.010	.042	.021	.006			
10.0	.138	.066	.018	.123	.059	.017	.094	.046	.013	.066	.033	.009	.040	.020	.006			

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	.792	.792	.792	.677	.677	.677	.462	.462	.462	.265	.265	.265	.085	.085	.085	
1.0	.783	.763	.745	.670	.655	.641	.458	.451	.444	.264	.261	.258	.085	.084	.083	
2.0	.776	.743	.715	.664	.640	.618	.455	.442	.431	.263	.257	.253	.084	.083	.082	
3.0	.769	.728	.695	.659	.628	.603	.453	.436	.423	.261	.255	.249	.084	.083	.082	
4.0	.763	.717	.682	.654	.619	.592	.450	.432	.417	.260	.253	.247	.084	.082	.081	
5.0	.756	.708	.672	.650	.613	.585	.448	.428	.413	.259	.251	.245	.084	.082	.081	
6.0	.751	.701	.665	.645	.607	.579	.445	.425	.410	.258	.250	.244	.083	.082	.080	
7.0	.745	.695	.660	.641	.603	.575	.443	.422	.408	.257	.249	.243	.083	.081	.080	
8.0	.740	.690	.656	.637	.599	.572	.441	.420	.406	.256	.248	.242	.083	.081	.080	
9.0	.735	.686	.653	.633	.596	.570	.439	.419	.404	.256	.247	.241	.083	.081	.080	
10.0	.731	.683	.651	.630	.593	.568	.437	.417	.403	.255	.247	.241	.083	.081	.080	

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2026-08-13

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
 Humidity:65.0%
 Test Distance:7.900m [K=1.2658]
 Remarks:

Uncorrected UGR Table

Test:U:222.1V I:0.4410A P:96.00W PF:0.9790 Lamp Flux:12308.8x1 lm										
NAME: FS1008					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: EVERFINE					SUR.:			PROTECTION ANGLE:		
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	8.5	9.2	9.6	10.3	11.8	6.3	7.0	7.4	8.1	9.6
3H	9.7	10.3	10.8	11.4	13.0	6.9	7.5	8.0	8.6	10.2
4H	10.4	10.9	11.5	12.1	13.6	7.0	7.5	8.1	8.7	10.2
6H	11.1	11.6	12.2	12.8	14.3	6.8	7.4	8.0	8.5	10.1
8H	11.4	11.9	12.6	13.0	14.6	6.7	7.3	7.9	8.4	10.0
12H	11.6	12.1	12.8	13.2	14.8	6.6	7.1	7.8	8.3	9.9
4H 2H	8.2	8.8	9.4	9.9	11.5	6.3	6.9	7.4	8.0	9.5
3H	9.6	10.1	10.7	11.2	12.8	7.1	7.5	8.2	8.7	10.3
4H	10.4	10.8	11.6	12.0	13.6	7.2	7.7	8.4	8.8	10.4
6H	11.3	11.7	12.5	12.9	14.5	7.1	7.5	8.3	8.7	10.3
8H	11.7	12.1	12.9	13.2	14.9	7.0	7.4	8.2	8.6	10.2
12H	12.0	12.3	13.2	13.5	15.2	6.9	7.2	8.1	8.4	10.1
8H 4H	10.2	10.6	11.4	11.7	13.4	7.3	7.6	8.5	8.8	10.4
6H	11.2	11.5	12.4	12.7	14.3	7.2	7.5	8.4	8.6	10.3
8H	11.6	11.9	12.9	13.1	14.8	7.1	7.3	8.3	8.5	10.2
12H	12.0	12.2	13.2	13.4	15.1	7.0	7.2	8.2	8.4	10.1
12H 4H	10.1	10.4	11.3	11.6	13.3	7.2	7.5	8.4	8.7	10.4
6H	11.1	11.3	12.3	12.5	14.2	7.2	7.4	8.4	8.6	10.3
8H	11.5	11.8	12.8	13.0	14.6	7.1	7.3	8.3	8.5	10.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.4					+ 0.9 / - 0.9				
1.5H	+ 0.7 / - 0.7					+ 0.7 / - 1.0				
2.0H	+ 1.3 / - 0.9					+ 1.0 / - 1.1				

CIE Pub.117 Corrected 12309 lm Total Lamp Luminous Flux.(8log(F/F0) = 8.7)

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-08-13

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:7.900m [K=1.2658]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:222.1V I:0.4410A P:96.00W PF:0.9790 Lamp Flux:12308.8x1 lm		
NAME: FS1008	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

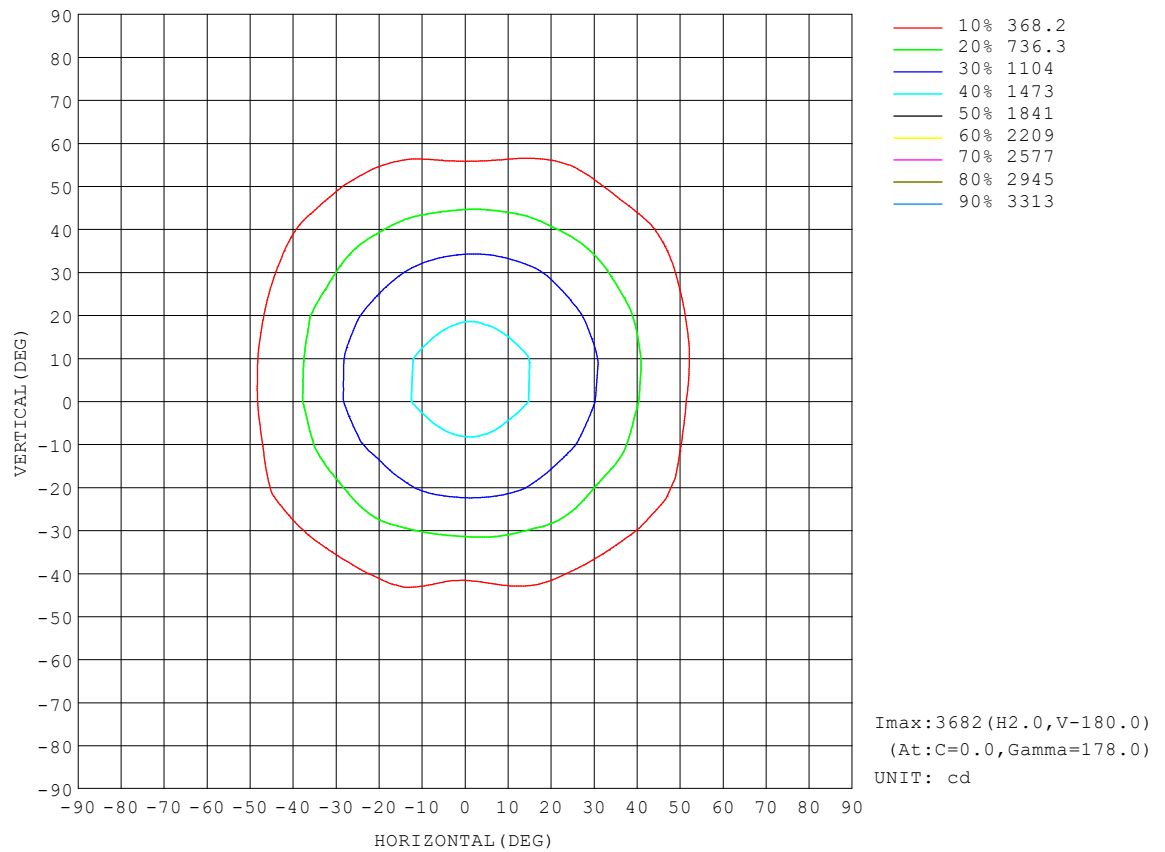
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	39	28	23	35	26	21	28	22	18	10
0.80	48	37	30	43	34	28	34	28	24	12
1.00	55	44	37	49	40	34	39	33	28	13
1.25	61	51	44	55	46	40	43	37	33	15
1.50	66	56	49	59	51	45	46	40	36	16
2.00	73	64	57	65	58	52	50	45	42	17
2.50	78	70	63	69	62	57	53	49	45	17
3.00	81	74	68	72	66	61	55	51	48	18
4.00	86	79	74	76	71	66	58	55	52	19
5.00	88	83	78	78	74	70	60	57	54	19
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:2026-08-13

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:7.900m [K=1.2658]
Remarks:

ISOCANDELA DIAGRAM

Test:U:222.1V I:0.4410A P:96.00W PF:0.9790 Lamp Flux:12308.8x1 lm		
NAME: FS1008	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

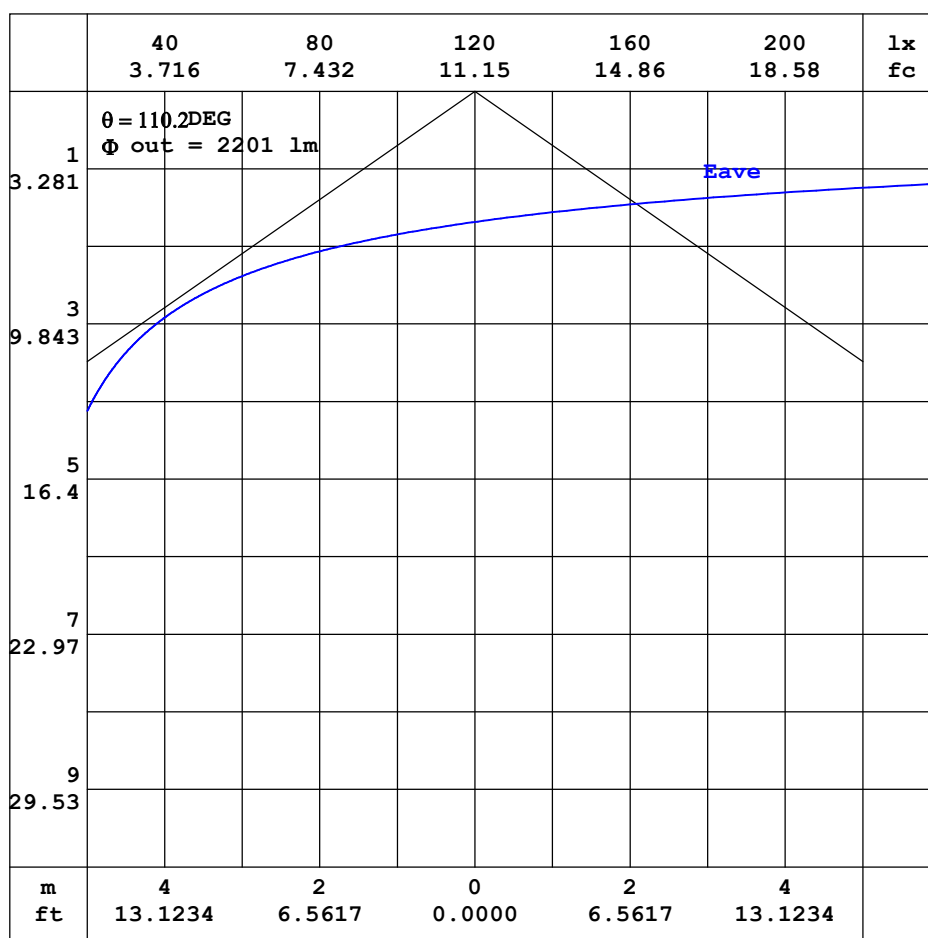


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-08-13

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:7.900m [K=1.2658]
Remarks:

AAI CURVES

Test:U:222.1V I:0.4410A P:96.00W PF:0.9790 Lamp Flux:12308.8x1 lm		
NAME: FS1008	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:



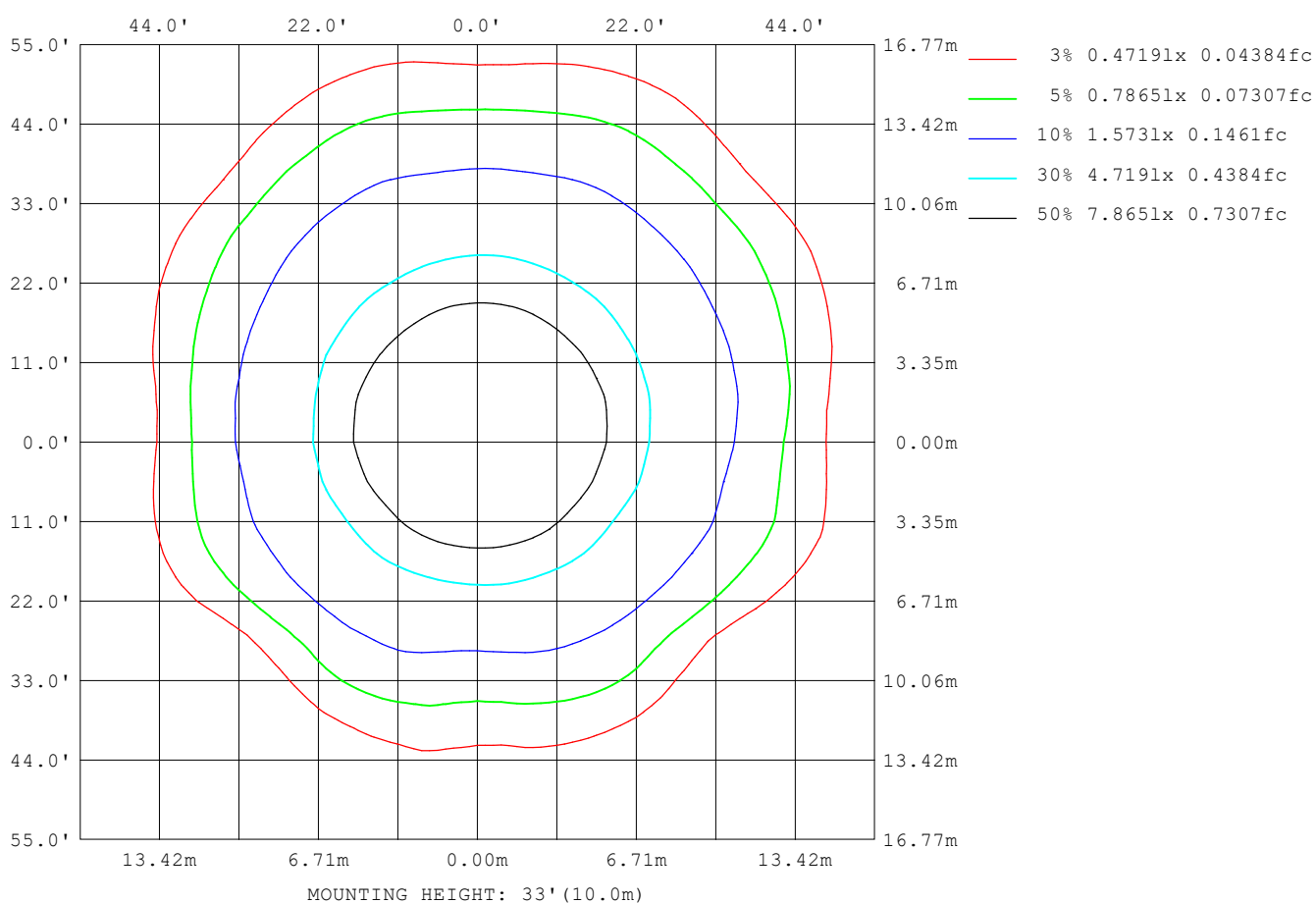
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2026-08-13

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.280
 Humidity: 65.0%
 Test Distance: 7.900m [K=1.2658]
 Remarks:

ISOLUX DIAGRAM

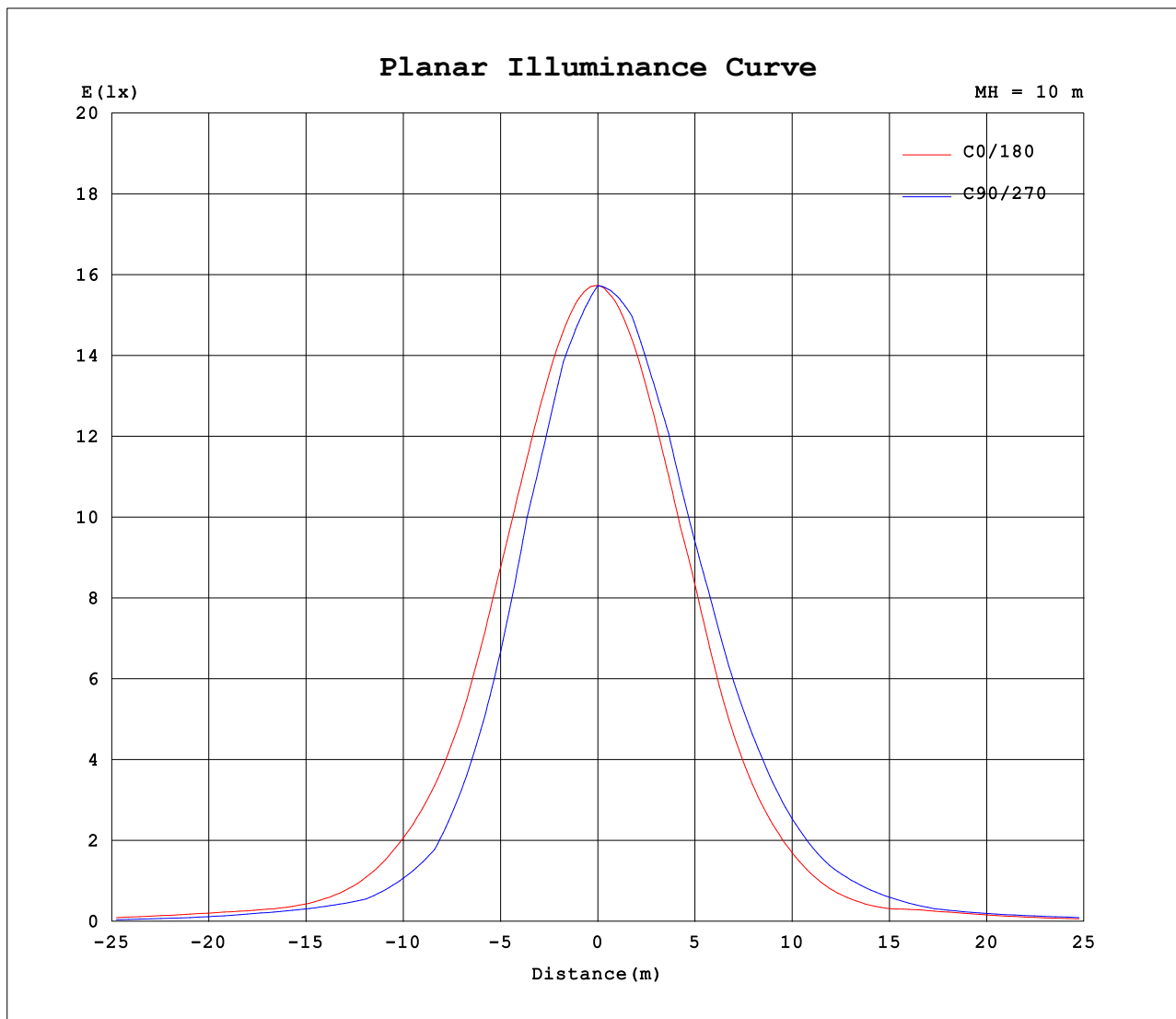
Test:U:222.1V I:0.4410A P:96.00W PF:0.9790 Lamp Flux:12308.8x1 lm		
NAME: FS1008	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2026-08-13

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity: 65.0%
Test Distance: 7.900m [K=1.2658]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2026-08-13

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity: 65.0%
Test Distance: 7.900m [K=1.2658]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:222.1V I:0.4410A P:96.00W PF:0.9790 Lamp Flux:12308.8x1 lm																		
NAME: FS1008									TYPE:					WEIGHT:				
SPEC.:									DIM.:					SERIAL No.:				
MFR.: EVERFINE									SUR.:					PROTECTION ANGLE:				

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	1573	1573	1573	1573	1573	1573	1573	1573	1573	1573	1573	1573	1573	1573	1573	1573	1573	1573	1573
5	1566	1560	1555	1550	1546	1541	1537	1534	1530	1527	1524	1522	1520	1518	1516	1515	1514	1512	1512
10	1530	1519	1509	1500	1492	1485	1479	1474	1470	1467	1463	1461	1459	1456	1455	1454	1453	1452	1450
15	1469	1452	1437	1424	1413	1404	1398	1393	1389	1378	1368	1360	1353	1346	1340	1334	1332	1329	1326
20	1380	1357	1338	1322	1310	1300	1292	1273	1256	1245	1237	1229	1223	1219	1215	1210	1207	1205	1203
25	1266	1237	1212	1194	1181	1161	1136	1117	1105	1095	1090	1078	1060	1045	1033	1021	1011	1004	998
30	1113	1080	1056	1038	1012	980	956	941	929	916	901	880	861	845	832	822	812	802	793
35	925	896	878	864	822	787	760	748	742	734	721	700	679	663	649	634	619	605	595
40	749	716	697	680	654	624	598	585	578	568	554	541	523	504	483	457	430	409	398
45	585	547	521	516	513	488	461	444	421	403	392	381	376	373	363	347	329	311	304
50	413	396	389	394	386	354	326	295	266	246	260	276	281	277	264	249	235	215	210
55	280	283	291	302	281	252	219	170	159	159	166	182	197	201	203	201	194	187	190
60	235	243	246	232	212	195	171	146	120	103	117	133	143	147	156	166	158	160	171
65	228	229	222	183	149	131	125	124	123	115	116	110	103	107	115	124	119	117	121
70	175	160	156	146	128	105	87.5	88.0	108	104	89.3	81.0	81.6	81.4	82.9	82.1	79.1	74.3	71.9
75	149	135	117	112	110	99.1	79.7	61.5	60.3	57.8	52.2	47.4	52.4	49.4	47.9	45.0	43.4	40.4	39.0
80	114	96.8	90.7	81.5	67.3	52.2	43.9	35.2	27.9	24.8	21.6	17.5	16.4	13.5	11.2	9.06	7.59	6.63	6.21
85	59.4	47.5	36.7	23.1	20.3	13.1	7.45	5.46	4.02	2.97	2.18	1.56	1.08	0.71	0.43	0.23	0.10	0.02	0.00
90	7.31	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	111	112	110	113	118	124	126	111	96.9	82.1	67.5	53.6	40.7	29.0	19.0	10.8	4.88	1.23	0.00
100	255	261	263	266	273	282	288	308	318	325	330	332	333	332	331	329	327	326	325
105	474	483	491	495	507	521	536	556	564	561	565	580	593	603	611	616	619	619	617
110	780	794	799	810	827	853	879	892	899	920	932	937	936	933	930	925	920	915	909
115	1178	1203	1204	1222	1234	1264	1292	1324	1334	1336	1342	1355	1365	1371	1373	1372	1368	1363	1355
120	1619	1638	1636	1647	1678	1690	1725	1738	1764	1784	1774	1769	1771	1780	1791	1802	1807	1807	1801
125	2006	2017	2023	2033	2044	2072	2085	2116	2121	2129	2144	2162	2157	2147	2143	2142	2139	2136	2129
130	2328	2334	2349	2347	2359	2375	2400	2406	2422	2441	2436	2439	2444	2449	2455	2460	2462	2461	2457
135	2603	2605	2628	2621	2632	2641	2653	2676	2677	2683	2692	2701	2704	2702	2701	2699	2698	2694	2690
140	2836	2837	2854	2861	2863	2877	2883	2891	2906	2919	2916	2917	2919	2921	2925	2927	2928	2926	2922
145	3040	3041	3052	3072	3069	3075	3090	3094	3097	3104	3113	3123	3119	3116	3114	3112	3110	3106	3103
150	3217	3217	3225	3240	3249	3249	3253	3264	3273	3270	3271	3272	3276	3279	3283	3286	3287	3286	3284
155	3365	3364	3369	3378	3392	3397	3395	3396	3401	3408	3416	3417	3413	3412	3412	3411	3410	3408	3406
160	3481	3479	3482	3487	3495	3507	3516	3512	3510	3512	3514	3517	3520	3523	3526	3529	3531	3530	3529
165	3574	3572	3572	3574	3578	3583	3590	3598	3606	3606	3603	3601	3600	3600	3601	3600	3599	3597	3595
170	3638	3637	3637	3637	3638	3639	3641	3644	3646	3649	3652	3656	3660	3662	3663	3664	3664	3663	3661
175	3674	3673	3672	3672	3672	3672	3672	3672	3672	3673	3673	3673	3673	3674	3673	3673	3672	3671	3670
180	3679	3679	3679	3679	3679	3679	3679	3679	3679	3679	3679	3679	3679	3679	3679	3679	3679	3679	3679

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-08-13

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:7.900m [K=1.2658]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:222.1V I:0.4410A P:96.00W PF:0.9790 Lamp Flux:12308.8x1 lm																		
NAME: FS1008									TYPE:					WEIGHT:				
SPEC.:									DIM.:					SERIAL No.:				
MFR.: EVERFINE									SUR.:					PROTECTION ANGLE:				

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	1573	1573	1573	1573	1573	1573	1573	1573	1573	1573	1573	1573	1573	1573	1573	1573	1573	1573	1573
5	1511	1511	1512	1512	1513	1513	1514	1516	1518	1521	1523	1527	1530	1534	1539	1544	1549	1554	1554
10	1449	1449	1448	1448	1448	1448	1448	1448	1450	1453	1456	1459	1464	1470	1478	1486	1496	1507	1507
15	1325	1326	1327	1330	1332	1336	1341	1346	1354	1363	1365	1367	1371	1379	1389	1401	1415	1432	1432
20	1201	1199	1202	1201	1200	1199	1200	1203	1208	1218	1231	1246	1253	1259	1270	1285	1306	1330	1331
25	996	998	1003	1010	1019	1028	1037	1050	1054	1058	1066	1083	1109	1130	1141	1158	1181	1211	1212
30	790	790	796	806	819	832	849	865	875	878	886	904	926	954	974	988	1010	1040	1043
35	595	603	618	635	648	660	679	693	699	701	703	711	733	759	790	798	813	839	842
40	402	424	454	486	503	511	523	532	537	545	545	551	566	582	592	602	623	655	659
45	311	331	349	369	371	367	368	368	377	391	411	418	434	450	448	444	458	481	487
50	221	244	250	261	266	266	254	236	225	244	271	300	321	337	330	319	312	310	320
55	194	198	196	195	189	176	154	145	146	150	158	207	229	237	234	227	214	197	198
60	165	154	156	147	140	132	118	104	101	124	139	157	162	177	199	213	216	208	207
65	119	115	117	107	101	99.8	102	107	108	110	94.1	98.1	115	134	146	166	165	165	164
70	72.8	77.0	78.5	73.9	70.4	72.7	68.8	81.2	89.6	75.8	68.6	77.4	97.0	106	110	107	108	115	112
75	39.5	42.1	43.0	41.4	41.0	43.2	37.4	44.0	47.1	43.3	48.3	70.5	77.6	82.2	79.1	75.2	80.3	81.5	86.5
80	6.35	7.09	8.30	9.66	11.3	13.4	13.8	18.3	18.9	21.1	26.4	30.2	37.6	46.8	52.4	50.9	47.2	53.2	53.3
85	0.02	0.09	0.21	0.38	0.60	0.89	1.24	1.69	2.25	2.97	3.88	5.14	8.84	11.3	9.56	14.4	13.7	13.0	22.1
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	2.84	0.00
95	1.23	4.85	10.7	18.7	28.4	39.6	51.7	64.2	76.3	87.9	99.1	110	104	93.3	79.9	67.6	50.7	35.2	39.5
100	325	325	325	324	323	320	315	305	291	273	252	230	218	205	190	170	148	136	129
105	613	606	598	587	572	556	536	511	492	476	453	427	407	386	369	341	316	295	281
110	904	898	893	888	883	877	865	843	809	765	732	698	663	647	622	595	563	541	508
115	1347	1338	1328	1319	1305	1287	1258	1224	1190	1149	1097	1056	1029	998	970	954	906	874	827
120	1789	1772	1752	1731	1709	1688	1667	1644	1615	1561	1518	1488	1444	1425	1399	1369	1329	1296	1235
125	2121	2112	2101	2091	2083	2079	2062	2019	1979	1948	1923	1877	1854	1833	1832	1785	1754	1729	1668
130	2452	2442	2428	2410	2391	2370	2350	2328	2310	2271	2239	2217	2197	2186	2166	2141	2112	2096	2046
135	2685	2679	2669	2658	2647	2637	2620	2593	2568	2543	2528	2502	2492	2484	2458	2450	2419	2410	2368
140	2918	2911	2899	2886	2870	2853	2838	2823	2810	2790	2770	2760	2756	2730	2717	2704	2685	2683	2647
145	3099	3093	3084	3076	3066	3058	3049	3032	3014	3002	2994	2988	2963	2950	2948	2926	2912	2911	2881
150	3278	3270	3260	3249	3238	3226	3215	3207	3202	3199	3181	3162	3149	3144	3131	3115	3107	3108	3084
155	3402	3396	3391	3385	3381	3377	3373	3368	3353	3338	3327	3318	3313	3304	3289	3278	3274	3275	3256
160	3525	3518	3511	3504	3497	3490	3481	3472	3464	3458	3454	3452	3439	3426	3417	3411	3409	3411	3396
165	3592	3589	3585	3581	3577	3574	3570	3567	3565	3562	3551	3540	3532	3525	3520	3517	3516	3517	3505
170	3659	3656	3653	3649	3644	3638	3633	3628	3623	3618	3613	3608	3605	3602	3600	3599	3599	3600	3593
175	3668	3667	3666	3665	3664	3662	3660	3659	3657	3655	3654	3653	3652	3651	3651	3651	3651	3652	3648
180	3679	3679	3679	3679	3679	3679	3679	3679	3679	3679	3679	3679	3679	3679	3679	3679	3679	3679	3679

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-08-13

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:7.900m [K=1.2658]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:222.1V I:0.4410A P:96.00W PF:0.9790 Lamp Flux:12308.8x1 lm																		
NAME: FS1008									TYPE:					WEIGHT:				
SPEC.:									DIM.:					SERIAL No.:				
MFR.: EVERFINE									SUR.:					PROTECTION ANGLE:				

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	1573	1573	1573	1573	1573	1573	1573	1573	1573	1573	1573	1573	1573	1573	1573	1573	1573	1573	1573
5	1554	1554	1554	1555	1556	1556	1558	1559	1560	1562	1564	1565	1567	1568	1569	1570	1570	1571	1571
10	1507	1509	1511	1514	1518	1523	1528	1533	1538	1543	1548	1552	1557	1560	1563	1565	1568	1568	1568
15	1434	1438	1444	1452	1462	1471	1481	1484	1486	1489	1492	1496	1500	1502	1506	1508	1512	1513	1514
20	1335	1343	1354	1368	1382	1382	1385	1390	1398	1406	1415	1423	1432	1440	1446	1451	1456	1457	1456
25	1217	1228	1243	1251	1253	1259	1268	1282	1297	1303	1310	1318	1326	1333	1338	1343	1347	1350	1351
30	1056	1079	1100	1109	1118	1130	1141	1145	1153	1163	1174	1189	1205	1218	1228	1234	1239	1242	1243
35	856	881	899	924	952	963	975	989	1007	1023	1027	1034	1047	1056	1065	1072	1078	1083	1086
40	675	692	716	750	757	764	787	812	832	844	851	861	875	885	897	908	917	923	924
45	506	512	533	553	568	578	605	635	656	670	681	698	709	709	707	712	720	725	727
50	340	356	375	394	412	440	463	488	504	522	535	550	557	539	520	516	523	526	529
55	215	244	265	290	307	327	339	344	361	384	398	416	424	419	404	392	389	393	404
60	202	200	203	217	230	227	220	220	232	253	275	295	300	303	296	271	255	263	288
65	173	180	182	178	175	175	155	133	124	134	173	206	220	231	239	229	215	218	234
70	115	130	135	128	115	119	131	105	93.7	106	126	146	159	169	183	187	176	175	185
75	87.3	88.0	94.3	97.4	80.9	76.3	92.8	103	94.3	89.2	95.6	113	125	137	145	148	151	152	153
80	59.4	65.2	73.2	82.4	78.5	60.9	66.7	89.6	82.0	77.3	77.9	93.6	102	109	109	109	126	129	122
85	32.1	42.4	47.5	47.1	55.2	39.8	30.9	32.5	23.2	16.0	11.2	9.19	6.34	3.74	1.66	0.41	0.00	0.49	1.86
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	42.9	37.0	34.2	26.7	18.1	13.6	10.3	7.82	5.97	4.54	3.34	2.31	1.47	0.82	0.37	0.09	0.00	0.09	0.38
100	129	125	117	107	93.2	87.5	80.6	72.8	64.6	56.8	49.2	42.2	36.1	31.0	27.3	25.1	24.6	25.7	28.6
105	271	263	255	245	232	222	206	180	163	159	154	150	147	144	143	142	142	144	146
110	490	476	467	453	446	431	407	397	381	362	341	320	300	282	270	262	260	265	276
115	803	772	761	756	744	723	714	693	658	623	616	610	603	596	593	591	593	597	606
120	1197	1170	1152	1143	1143	1125	1095	1072	1059	1037	1011	985	961	941	929	924	925	933	949
125	1628	1622	1586	1584	1569	1578	1554	1519	1493	1480	1469	1454	1438	1426	1418	1415	1416	1425	1440
130	2017	1998	1986	1976	1979	1962	1962	1970	1929	1901	1885	1879	1881	1888	1896	1903	1908	1913	1919
135	2352	2326	2324	2310	2303	2310	2293	2287	2286	2292	2279	2259	2248	2244	2244	2245	2250	2258	2268
140	2630	2612	2598	2603	2588	2580	2585	2585	2572	2566	2563	2566	2570	2575	2581	2585	2593	2599	2606
145	2865	2860	2841	2836	2844	2834	2825	2822	2824	2829	2822	2817	2816	2816	2817	2819	2825	2833	2841
150	3070	3064	3057	3047	3044	3047	3049	3039	3032	3030	3030	3034	3039	3044	3048	3052	3057	3064	3068
155	3244	3237	3237	3230	3221	3216	3216	3220	3225	3221	3218	3216	3215	3215	3216	3219	3223	3228	3234
160	3384	3377	3373	3373	3374	3366	3360	3357	3359	3362	3366	3369	3373	3376	3380	3385	3389	3392	3395
165	3496	3490	3485	3483	3483	3485	3489	3487	3484	3481	3480	3480	3479	3481	3483	3486	3488	3491	3493
170	3586	3581	3577	3574	3572	3571	3570	3570	3571	3572	3573	3576	3579	3582	3584	3587	3588	3589	3590
175	3644	3641	3638	3636	3634	3633	3631	3630	3630	3630	3630	3630	3631	3631	3632	3632	3633	3634	3636
180	3679	3679	3679	3679	3679	3679	3679	3679	3679	3679	3679	3679	3679	3679	3679	3679	3679	3679	3679

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-08-13

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:7.900m [K=1.2658]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:222.1V I:0.4410A P:96.00W PF:0.9790 Lamp Flux:12308.8x1 lm																	
NAME: FS1008									TYPE:						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.: EVERFINE									SUR.:						PROTECTION ANGLE:		

Table--4

UNIT: cd

C (DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1573	1573	1573	1573	1573	1573	1573	1573	1573	1573	1573	1573	1573	1573	1573				
5	1571	1571	1571	1570	1570	1569	1569	1568	1568	1567	1567	1566	1566	1565	1565				
10	1567	1566	1564	1562	1559	1556	1554	1550	1546	1543	1539	1536	1534	1532	1531				
15	1514	1513	1514	1515	1515	1516	1518	1518	1509	1500	1492	1484	1478	1473	1470				
20	1453	1453	1448	1445	1440	1437	1434	1432	1433	1435	1425	1411	1399	1390	1384				
25	1352	1352	1351	1350	1348	1346	1338	1331	1326	1324	1326	1319	1300	1284	1272				
30	1243	1241	1236	1230	1223	1217	1213	1214	1204	1193	1189	1190	1174	1146	1126				
35	1087	1087	1088	1089	1088	1074	1062	1051	1048	1038	1019	1006	999	965	939				
40	917	911	903	899	900	899	892	877	859	849	843	823	809	790	763				
45	730	734	729	721	719	717	710	699	684	674	672	665	645	636	604				
50	546	570	581	579	570	560	555	549	534	520	511	498	481	471	441				
55	421	440	450	443	431	423	411	410	410	396	381	359	342	316	291				
60	309	321	332	333	313	288	271	273	286	295	286	272	254	235	225				
65	242	238	243	238	196	167	166	178	197	219	228	227	232	229	223				
70	183	170	177	172	148	122	114	123	148	157	167	190	199	184	183				
75	151	138	135	126	114	107	112	110	104	95.7	123	144	138	146	152				
80	125	116	106	93.8	88.3	96.1	105	91.8	74.5	86.5	105	108	108	111	117				
85	4.34	7.18	10.3	13.0	17.6	28.2	41.0	43.1	48.1	69.1	68.1	68.3	72.2	69.8	67.5				
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	0.88	1.61	2.59	3.85	5.44	7.41	9.87	12.9	17.0	22.4	35.3	47.8	58.5	75.0	97.9				
100	33.0	39.0	46.4	54.9	64.4	74.5	84.6	94.9	105	115	139	159	184	215	238				
105	150	155	162	168	176	184	205	238	264	283	311	346	386	428	453				
110	293	316	342	370	398	425	447	463	505	540	570	619	669	713	754				
115	617	632	648	665	681	731	784	824	850	892	936	986	1047	1099	1156				
120	971	1002	1041	1085	1133	1178	1213	1247	1290	1334	1372	1433	1478	1534	1593				
125	1463	1493	1529	1569	1602	1627	1663	1707	1752	1767	1815	1845	1899	1936	1975				
130	1928	1939	1955	1977	2006	2048	2099	2108	2123	2160	2174	2202	2234	2274	2296				
135	2281	2300	2324	2355	2384	2391	2407	2430	2463	2461	2479	2504	2524	2564	2572				
140	2611	2617	2624	2636	2651	2671	2697	2704	2709	2722	2744	2752	2777	2798	2809				
145	2850	2859	2872	2889	2907	2911	2917	2927	2941	2955	2960	2974	3001	3004	3016				
150	3074	3077	3081	3085	3093	3102	3117	3135	3136	3143	3155	3173	3183	3187	3198				
155	3240	3247	3254	3262	3272	3280	3282	3286	3292	3304	3318	3328	3329	3336	3348				
160	3397	3399	3401	3403	3404	3407	3412	3419	3430	3444	3446	3447	3450	3457	3467				
165	3497	3501	3504	3509	3515	3521	3528	3534	3533	3535	3537	3541	3546	3554	3563				
170	3591	3592	3593	3595	3596	3596	3597	3599	3602	3605	3609	3613	3618	3624	3631				
175	3637	3638	3639	3641	3642	3644	3646	3648	3651	3653	3656	3659	3662	3666	3670				
180	3679	3679	3679	3679	3679	3679	3679	3679	3679	3679	3679	3679	3679	3679	3679				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2026-08-13

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.280
Humidity:65.0%
Test Distance:7.900m [K=1.2658]
Remarks: