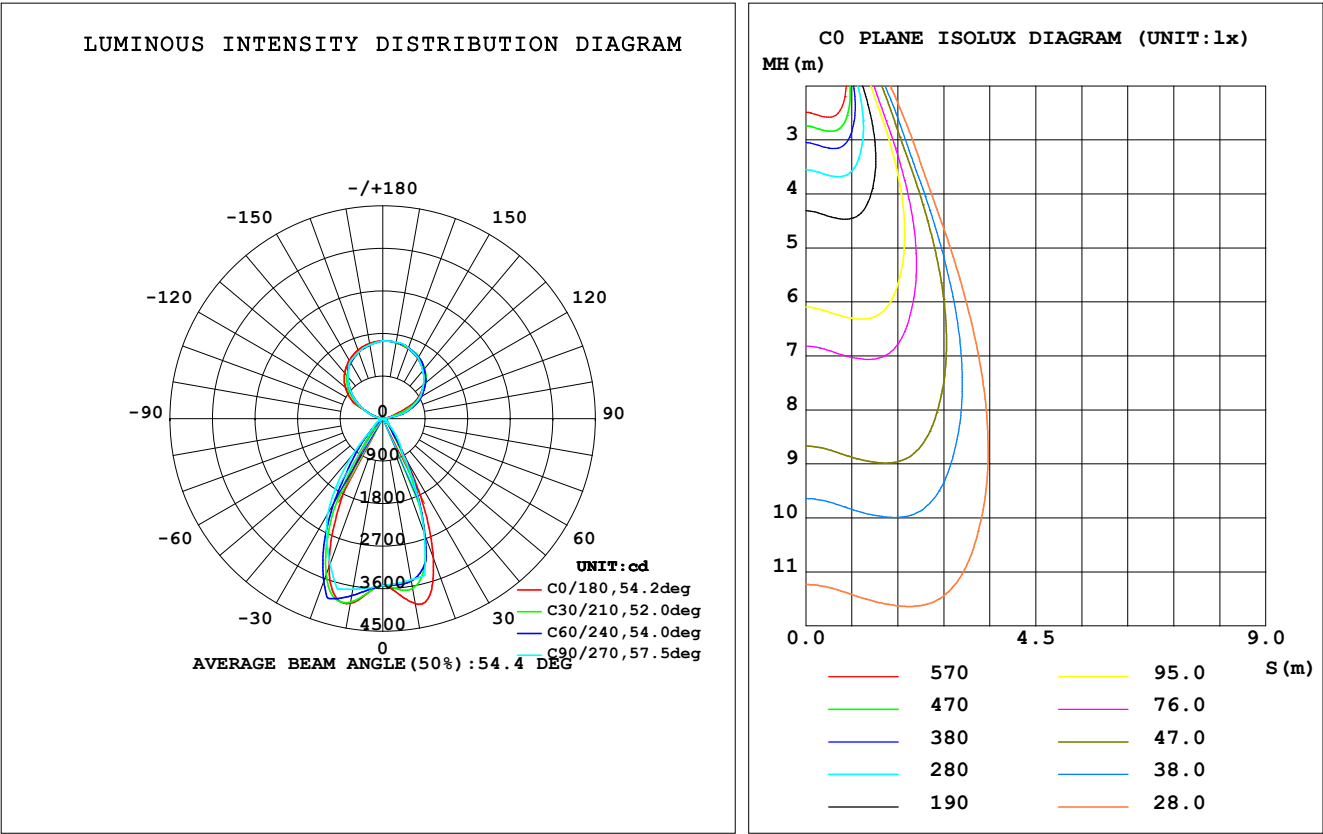


LUMINAIRE PHOTOMETRIC TEST REPORT

NAME: CL1226-A10	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 141.41 lm/W			
MODEL	2835	I _{max} (cd)	4006	S/MH (C0/180)	0.76
NOMINAL POWER (W)	54	LOR (%)	100.0	S/MH (C90/270)	0.74
RATED VOLTAGE (V)	220.0	TOTAL FLUX (lm)	7919.0	η UP, DN (C0-180)	32.6, 17.1
NOMINAL FLUX (lm)	7918.96	CIE CLASS	DIFFUSE	η UP, DN (C180-360)	26.6, 23.7
LAMPS INSIDE	1	η up (%)	59.2	CIBSE SHR NOM	0.75
TEST VOLTAGE (V)	220.0	η down (%)	40.8	CIBSE SHR MAX	0.80



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2024-05-12

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.266
Humidity: 65.0%
Test Distance: 8.300m [K=1.2048]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
5	3713	3570	3498	3569	3703	3670	3596	3654	0- 5	85.61	85.61	1.08,1.08
10	3972	3542	3465	3575	3966	3887	3662	3805	5- 10	263.7	349.3	4.41,4.41
15	3862	3248	3432	3334	3893	3981	3728	3824	10- 15	438.7	788.0	9.95,9.95
20	3133	2646	2561	2801	3325	3824	3268	3614	15- 20	556.7	1345	17,17
25	2064	1735	1689	1930	2384	2932	2808	2804	20- 25	556.4	1901	24,24
30	965.0	945.8	817.3	1161	1295	1907	2348	1844	25- 30	452.8	2354	29.7,29.7
35	444.6	443.3	599.2	584.3	531.1	1008	1668	1012	30- 35	304.1	2658	33.6,33.6
40	231.5	224.8	381.1	234.1	249.8	426.3	988.0	473.1	35- 40	191.7	2850	36,36
45	165.0	163.0	162.9	156.0	146.0	254.9	308.2	284.1	40- 45	116.0	2966	37.5,37.5
50	120.5	118.8	127.1	106.0	100.6	155.5	239.8	173.1	45- 50	68.90	3035	38.3,38.3
55	90.89	88.58	91.24	74.30	71.03	102.9	171.3	116.3	50- 55	52.35	3087	39,39
60	78.32	73.83	55.40	57.48	56.64	80.23	102.8	93.77	55- 60	41.26	3128	39.5,39.5
65	67.49	61.11	47.26	42.27	42.23	58.86	79.56	73.72	60- 65	32.27	3160	39.9,39.9
70	59.01	52.84	39.12	30.64	28.95	42.04	56.34	59.04	65- 70	26.28	3187	40.2,40.2
75	57.15	48.36	30.97	21.63	17.10	30.32	33.12	50.69	70- 75	21.31	3208	40.5,40.5
80	59.85	36.06	0	11.25	9.980	17.17	0	35.84	75- 80	15.25	3223	40.7,40.7
85	45.32	0	0	0	2.557	0	0	0	80- 85	6.634	3230	40.8,40.8
90	3.611	0	0	0	2.959	0	0	0	85- 90	1.065	3231	40.8,40.8
95	8.587	0	0	0	42.72	0	0	0	90- 95	2.284	3233	40.8,40.8
100	33.04	171.9	0	165.2	108.4	55.53	0.0000	23.27	95-100	16.77	3250	41,41
105	179.6	394.4	448.5	354.8	135.4	150.4	120.0	146.2	100-105	79.90	3330	42.1,42.1
110	302.4	605.4	602.5	537.3	273.7	275.6	275.2	300.8	105-110	159.6	3490	44.1,44.1
115	612.4	779.0	756.4	706.8	440.3	428.6	430.4	478.8	110-115	241.6	3731	47.1,47.1
120	848.4	925.0	910.4	863.6	740.5	586.8	585.6	650.7	115-120	328.1	4059	51.3,51.3
125	1003	1069	1019	1019	897.7	749.0	733.3	813.9	120-125	386.2	4445	56.1,56.1
130	1128	1186	1127	1138	1037	898.4	881.0	954.7	125-130	424.4	4870	61.5,61.5
135	1237	1295	1236	1251	1155	1043	1029	1092	130-135	446.5	5316	67.1,67.1
140	1330	1396	1322	1358	1257	1185	1149	1227	135-140	451.1	5767	72.8,72.8
145	1410	1460	1408	1433	1347	1279	1270	1317	140-145	439.9	6207	78.4,78.4
150	1478	1513	1494	1499	1423	1359	1391	1395	145-150	413.9	6621	83.6,83.6
155	1533	1564	1543	1559	1489	1434	1446	1465	150-155	372.7	6994	88.3,88.3
160	1578	1606	1593	1609	1543	1501	1501	1526	155-160	320.3	7314	92.4,92.4
165	1610	1622	1642	1621	1586	1546	1556	1564	160-165	259.2	7573	95.6,95.6
170	1632	1635	1644	1632	1617	1586	1587	1597	165-170	190.2	7764	98,98
175	1645	1646	1647	1641	1638	1620	1618	1625	170-175	116.2	7880	99.5,99.5
180	1649	1649	1649	1649	1649	1649	1649	1649	175-180	39.21	7919	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

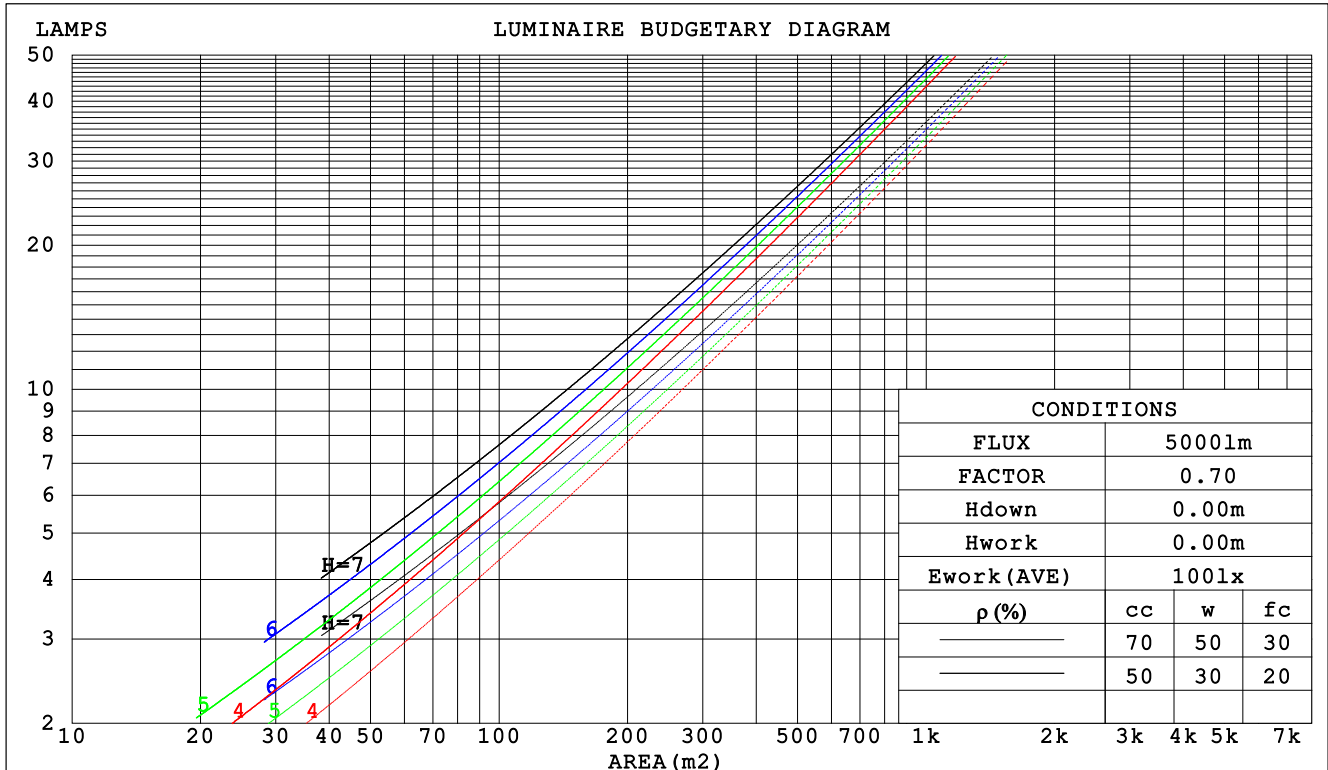
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-05-12

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.266
Humidity:65.0%
Test Distance:8.300m [K=1.2048]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: CL1226-A10	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	1.05	1.05	1.05	.96	.96	.96	.78	.78	.78	.62	.62	.62	.48	.48	.48	.41
1.0	.94	.91	.88	.86	.83	.81	.71	.69	.68	.57	.56	.55	.45	.44	.44	.38
2.0	.84	.79	.75	.78	.73	.70	.65	.62	.59	.53	.51	.49	.42	.41	.40	.35
3.0	.76	.70	.65	.70	.65	.61	.59	.56	.53	.49	.46	.44	.39	.38	.37	.32
4.0	.69	.63	.58	.64	.58	.54	.54	.50	.47	.45	.43	.40	.37	.35	.34	.30
5.0	.63	.56	.51	.59	.53	.48	.50	.46	.43	.42	.39	.37	.35	.33	.31	.28
6.0	.58	.51	.46	.54	.48	.44	.46	.42	.39	.39	.36	.34	.33	.31	.29	.26
7.0	.53	.46	.42	.50	.44	.40	.43	.39	.35	.37	.34	.31	.31	.29	.27	.25
8.0	.49	.43	.38	.46	.40	.36	.40	.36	.33	.34	.31	.29	.29	.27	.26	.23
9.0	.46	.39	.35	.43	.37	.33	.38	.33	.30	.32	.29	.27	.28	.26	.24	.22
10.0	.43	.36	.32	.40	.35	.31	.35	.31	.28	.31	.27	.25	.26	.24	.23	.21



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-05-12

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.266
Humidity:65.0%
Test Distance:8.300m [K=1.2048]
Remarks:

WEC AND CCEC

NAME: CL1226-A10	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	.229	.130	.041	.204	.117	.037	.158	.091	.029	.116	.067	.021	.076	.044	.014		
2.0	.213	.117	.036	.191	.105	.032	.149	.083	.026	.110	.062	.019	.074	.042	.013		
3.0	.198	.106	.032	.178	.095	.029	.139	.076	.023	.104	.057	.017	.071	.039	.012		
4.0	.185	.096	.028	.166	.087	.026	.131	.069	.021	.098	.053	.016	.068	.037	.011		
5.0	.173	.088	.026	.156	.080	.023	.123	.064	.019	.093	.049	.015	.065	.035	.010		
6.0	.162	.081	.023	.147	.074	.021	.116	.060	.017	.088	.046	.013	.062	.033	.010		
7.0	.153	.076	.021	.138	.069	.020	.110	.056	.016	.084	.043	.013	.059	.031	.009		
8.0	.144	.070	.020	.130	.064	.018	.104	.052	.015	.080	.040	.012	.057	.029	.009		
9.0	.136	.066	.018	.124	.060	.017	.099	.049	.014	.076	.038	.011	.055	.028	.008		
10.0	.129	.062	.017	.117	.057	.016	.094	.046	.013	.073	.036	.010	.052	.026	.008		

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	.642	.642	.642	.548	.548	.548	.374	.374	.374	.215	.215	.215	.069	.069	.069		
1.0	.630	.612	.596	.539	.525	.513	.368	.361	.354	.212	.209	.206	.068	.067	.067		
2.0	.620	.590	.565	.531	.508	.489	.364	.351	.341	.210	.204	.200	.067	.066	.065		
3.0	.611	.574	.545	.524	.495	.472	.360	.344	.331	.208	.201	.195	.067	.065	.064		
4.0	.603	.562	.530	.518	.485	.461	.356	.338	.324	.206	.198	.192	.066	.065	.063		
5.0	.596	.552	.520	.512	.478	.452	.353	.334	.319	.204	.196	.189	.066	.064	.062		
6.0	.590	.545	.512	.507	.472	.446	.350	.330	.315	.203	.194	.187	.066	.063	.062		
7.0	.584	.538	.506	.503	.467	.441	.347	.327	.312	.202	.193	.186	.065	.063	.061		
8.0	.579	.533	.501	.499	.462	.437	.345	.325	.310	.201	.192	.185	.065	.063	.061		
9.0	.574	.529	.498	.495	.459	.434	.343	.323	.308	.200	.190	.184	.065	.063	.061		
10.0	.570	.525	.495	.491	.456	.432	.341	.321	.307	.199	.190	.183	.064	.062	.061		

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-05-12

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.266
Humidity:65.0%
Test Distance:8.300m [K=1.2048]
Remarks:

Uncorrected UGR Table

NAME: CL1226-A10					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					7.8	8.6	8.8	9.5	10.6	8.1	8.9	9.1	9.8	10.9
3H					9.0	9.6	9.9	10.6	11.8	8.7	9.3	9.6	10.3	11.5
4H					9.8	10.4	10.8	11.4	12.6	9.0	9.6	9.9	10.5	11.8
6H					11.0	11.5	12.0	12.5	13.8	8.9	9.5	9.9	10.4	11.7
8H					11.8	12.3	12.8	13.3	14.5	8.8	9.3	9.8	10.3	11.6
12H					12.7	13.2	13.7	14.1	15.4	8.7	9.2	9.7	10.2	11.5
4H 2H					7.9	8.5	8.9	9.5	10.7	8.2	8.8	9.1	9.7	11.0
3H					9.4	9.9	10.4	10.9	12.2	9.0	9.5	10.0	10.5	11.8
4H					10.4	10.8	11.4	11.8	13.2	9.5	9.9	10.5	10.9	12.3
6H					11.8	12.2	12.9	13.2	14.6	9.4	9.8	10.5	10.9	12.2
8H					12.7	13.1	13.8	14.1	15.5	9.3	9.7	10.4	10.7	12.1
12H					13.7	14.1	14.8	15.1	16.5	9.2	9.6	10.3	10.6	12.0
8H 4H					10.7	11.0	11.7	12.1	13.4	9.9	10.2	10.9	11.3	12.6
6H					12.3	12.6	13.4	13.7	15.1	9.9	10.2	11.0	11.2	12.6
8H					13.3	13.6	14.4	14.6	16.1	9.8	10.0	10.9	11.1	12.5
12H					14.4	14.6	15.5	15.7	17.1	9.7	9.9	10.8	11.0	12.4
12H 4H					10.6	10.9	11.7	12.0	13.4	10.0	10.3	11.0	11.3	12.7
6H					12.3	12.5	13.4	13.6	15.0	10.0	10.3	11.1	11.3	12.8
8H					13.3	13.5	14.4	14.6	16.0	9.9	10.1	11.0	11.2	12.7
Variations with the observer position at spacings:														
S = 1.0H					+ 0.3 / - 0.2					+ 1.2 / - 0.9				
1.5H					+ 0.5 / - 0.3					+ 2.4 / - 0.7				
2.0H					+ 0.4 / - 0.5					+ 0.6 / - 0.7				

CIE Pub.117 Corrected 7919 lm Total Lamp Luminous Flux. (8log(F/F0) = 7.2)

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2024-05-12

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.266
 Humidity: 65.0%
 Test Distance: 8.300m [K=1.2048]
 Remarks:

UTILIZATION FACTORS TABLE

NAME: CL1226-A10	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		

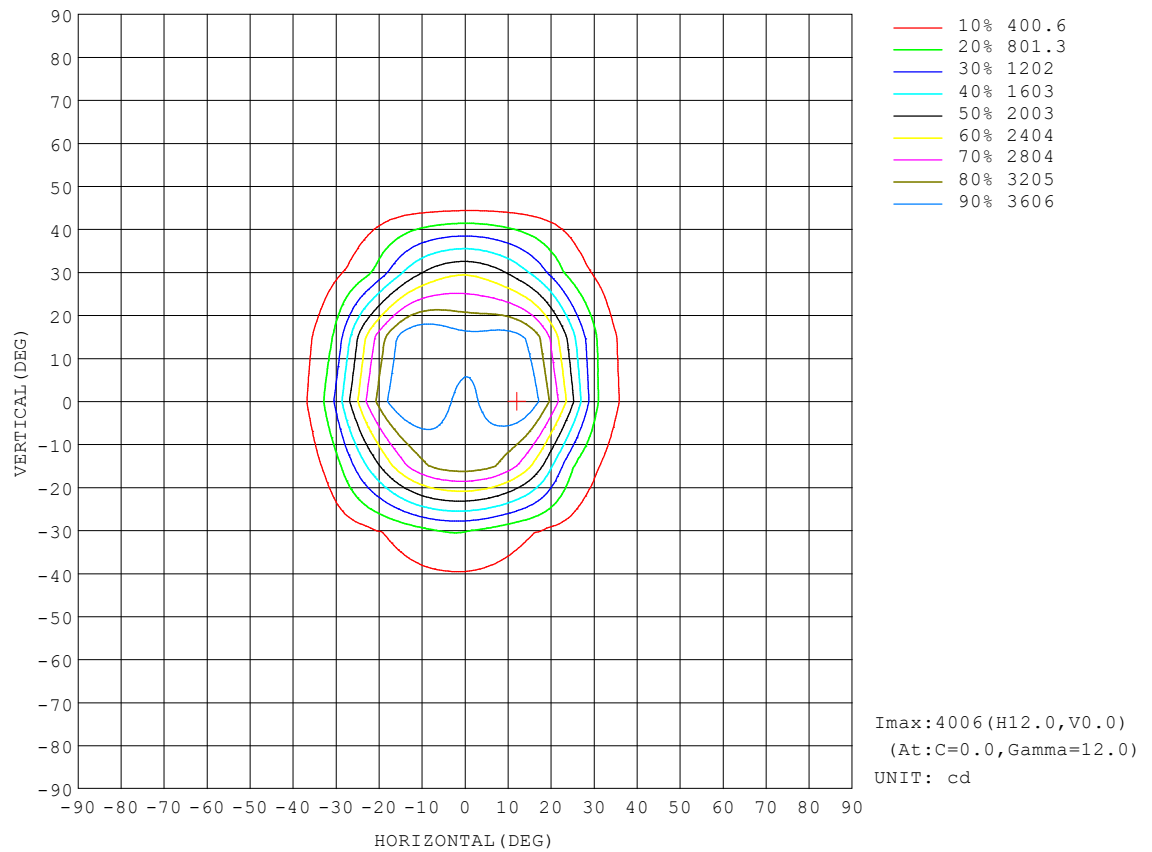
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	52	43	39	50	42	37	45	39	35	28
0.80	61	51	46	57	49	44	51	45	41	31
1.00	67	58	52	63	55	49	55	49	45	33
1.25	73	64	58	68	60	55	58	53	49	35
1.50	77	69	63	72	64	59	61	56	53	36
2.00	83	75	69	76	70	65	65	60	57	37
2.50	87	79	74	80	74	69	67	63	60	38
3.00	89	83	78	82	77	73	69	65	62	38
4.00	93	88	83	85	81	77	71	68	66	39
5.00	95	91	87	87	84	80	72	70	68	40
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: 2024-05-12

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.266
 Humidity: 65.0%
 Test Distance: 8.300m [K=1.2048]
 Remarks:

ISOCANDELA DIAGRAM

NAME: CL1226-A10	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		

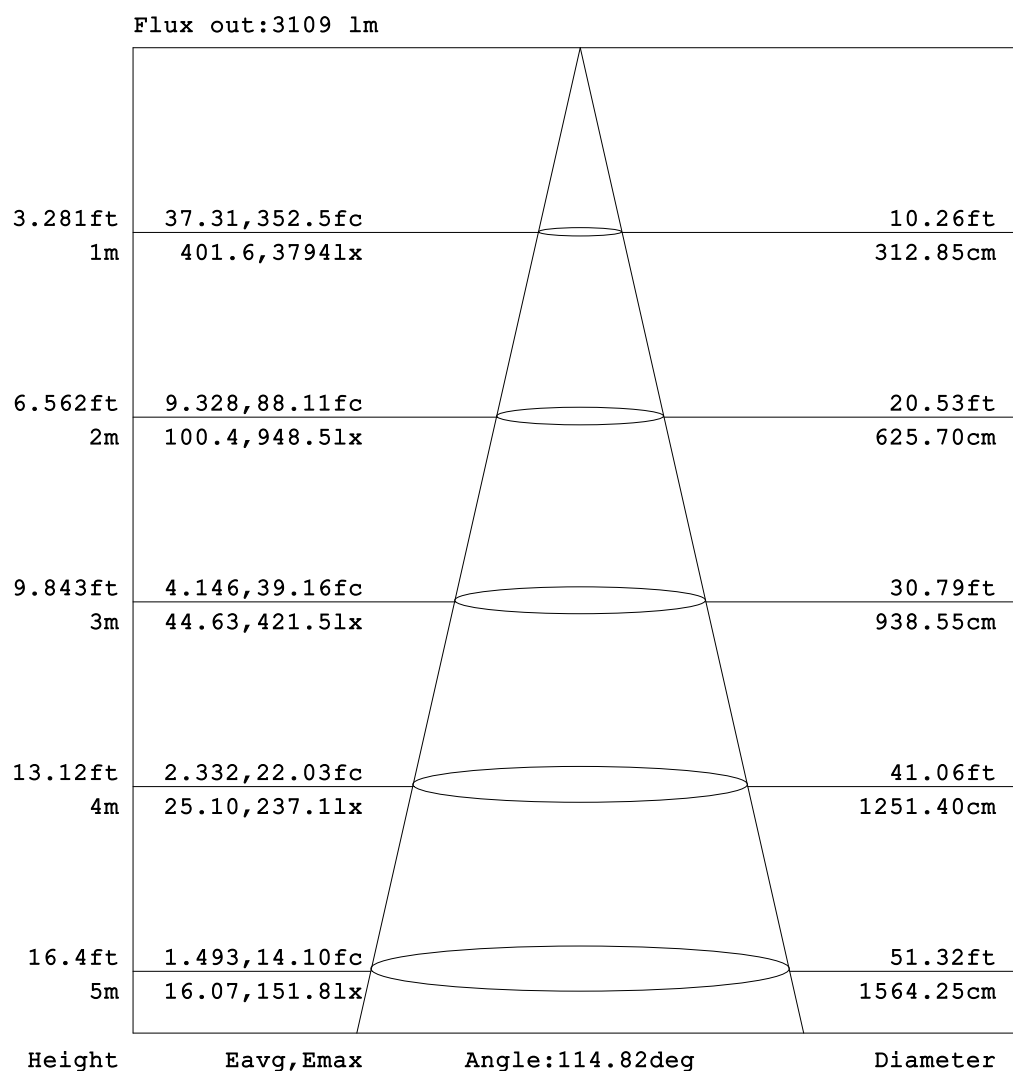


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2024-05-12

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.266
Humidity: 65.0%
Test Distance: 8.300m [K=1.2048]
Remarks:

AAI Figure

NAME: CL1226-A10	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		



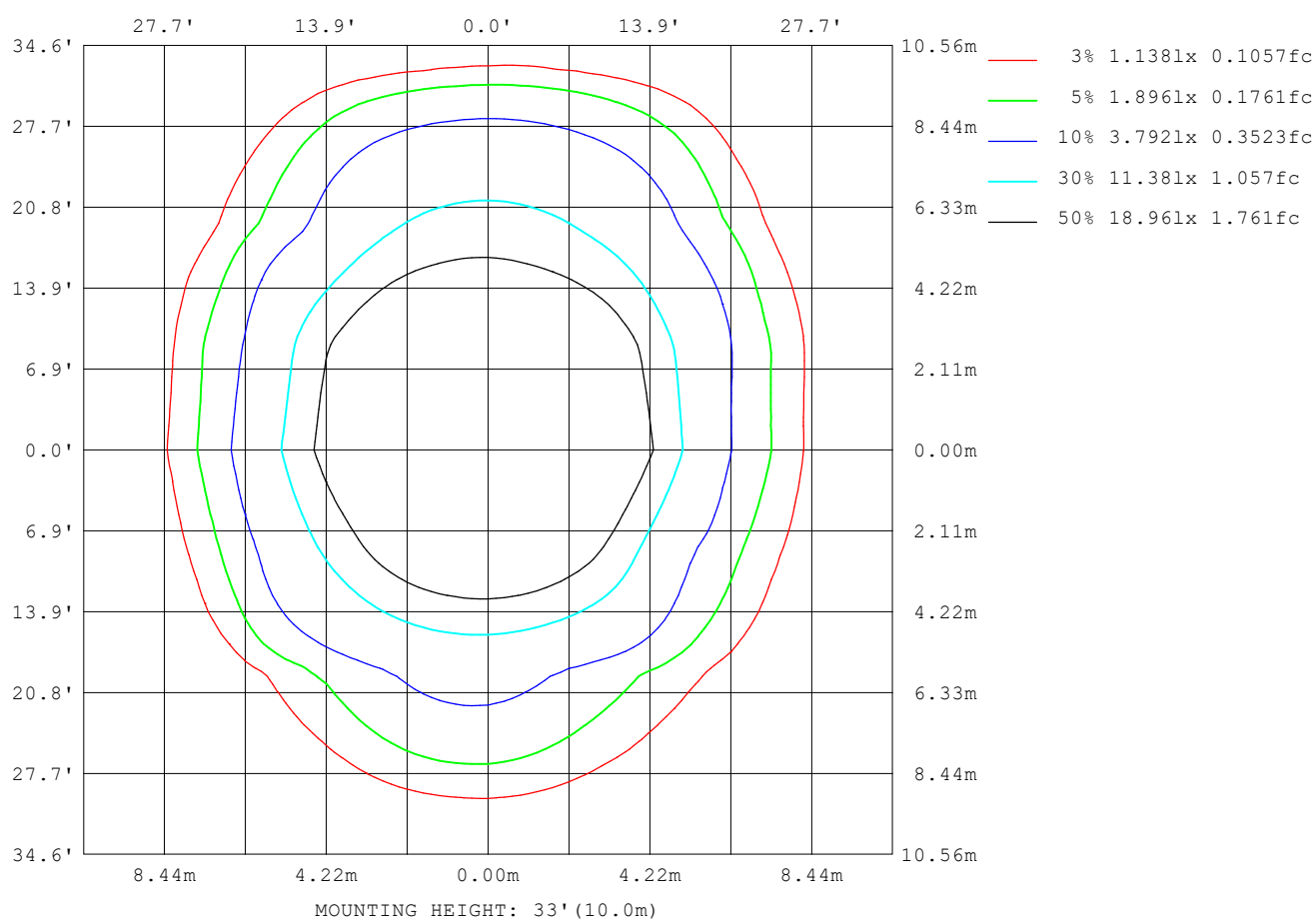
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2024-05-12

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.266
Humidity: 65.0%
Test Distance: 8.300m [K=1.2048]
Remarks:

ISOLUX DIAGRAM

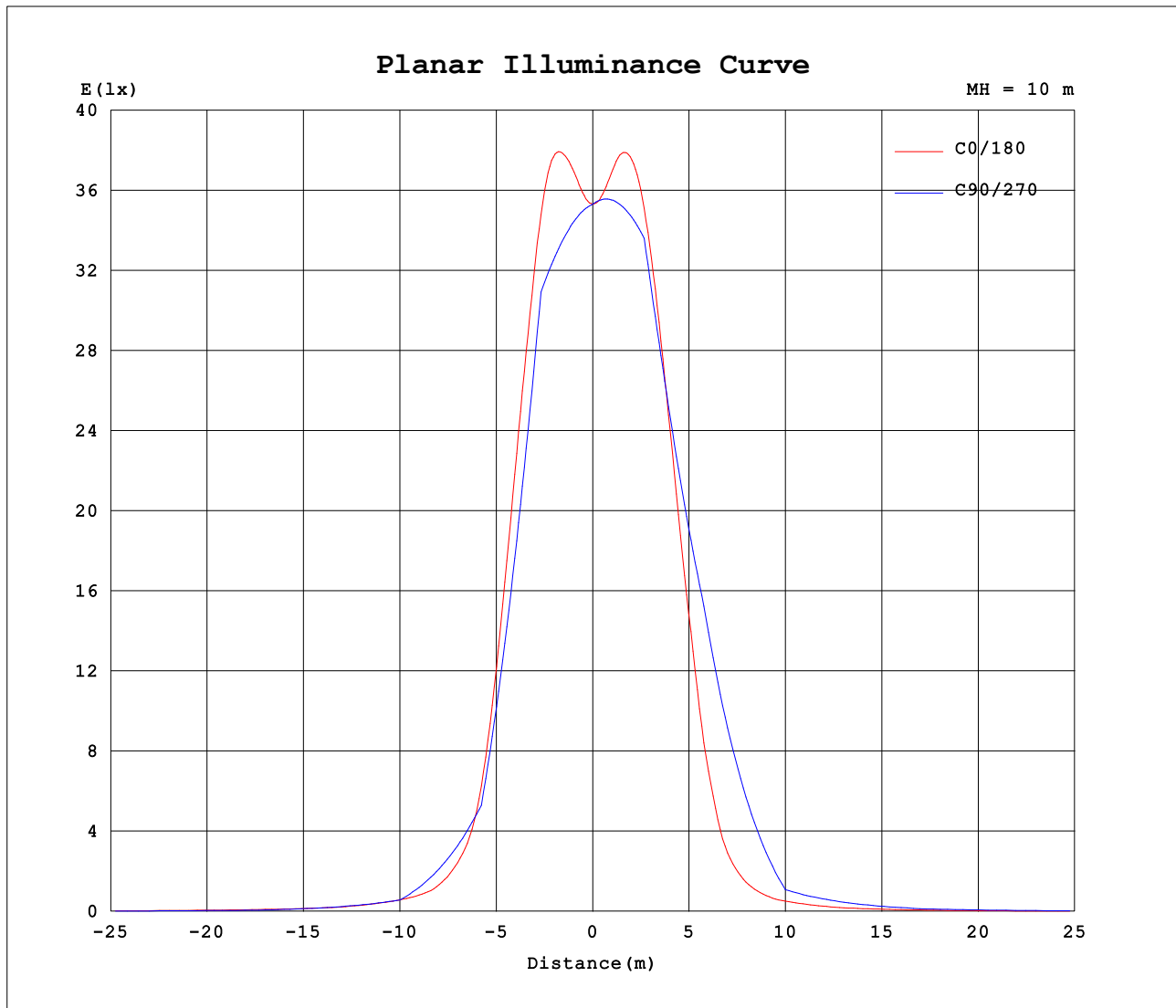
NAME: CL1226-A10	TYPE:	SERIAL No.:
SPEC.:	DIM.:	PROTECTION ANGLE:
MFR.: EVERFINE		



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2024-05-12

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.266
Humidity: 65.0%
Test Distance: 8.300m [K=1.2048]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2024-05-12

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.266
Humidity: 65.0%
Test Distance: 8.300m [K=1.2048]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: CL1226-A10	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	3530	3530	3530	3530	3530	3530	3530	3530	3530	3530	3530	3530	3530	3530	3530	3530	3530	3530	3530
5	3713	3701	3687	3671	3655	3637	3620	3602	3586	3570	3555	3541	3530	3519	3512	3506	3502	3499	3498
10	3972	3914	3855	3797	3742	3691	3644	3604	3569	3542	3520	3502	3488	3476	3468	3463	3462	3464	3465
15	3862	3742	3633	3539	3462	3393	3340	3296	3265	3248	3246	3257	3280	3312	3344	3372	3397	3420	3432
20	3133	2968	2832	2727	2654	2611	2588	2586	2606	2646	2653	2631	2609	2589	2573	2562	2551	2552	2561
25	2064	1895	1766	1670	1606	1573	1572	1609	1688	1735	1751	1750	1725	1700	1681	1670	1668	1673	1689
30	965	887	838	801	761	714	718	794	881	946	980	968	923	864	816	789	783	794	817
35	445	412	393	381	373	374	390	402	422	443	430	360	377	405	442	487	531	572	599
40	231	224	223	223	225	226	233	237	234	225	235	248	263	282	299	322	345	367	381
45	165	160	158	159	160	160	159	155	158	163	167	171	174	178	179	177	172	166	163
50	120	120	122	123	123	125	124	121	120	119	117	112	111	117	122	126	128	128	127
55	90.9	91.9	95.5	95.8	97.2	98.8	97.2	95.0	92.4	88.6	88.1	88.8	91.0	93.8	96.5	97.6	96.1	93.4	91.2
60	78.3	77.8	78.3	76.2	75.8	75.0	73.5	71.0	73.6	73.8	72.2	71.8	72.5	73.3	72.8	70.3	65.3	59.2	55.4
65	67.5	66.8	65.8	64.1	62.3	59.1	58.2	61.0	62.2	61.1	58.0	56.4	57.5	58.4	57.8	56.0	53.0	49.6	47.3
70	59.0	59.5	57.9	54.6	54.3	53.9	54.8	55.3	54.5	52.8	50.3	48.5	48.2	47.8	46.2	44.2	42.1	40.3	39.1
75	57.2	56.0	49.0	47.4	47.1	47.5	52.1	51.2	51.4	48.4	44.8	41.5	39.6	37.8	34.9	32.2	31.0	30.9	31.0
80	59.9	48.1	46.5	48.5	46.3	40.2	42.5	42.8	49.1	36.1	24.5	16.4	11.0	7.12	4.15	2.15	0.92	0.23	0.00
85	45.3	39.4	39.4	23.5	25.9	10.8	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	3.61	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	8.59	11.2	17.2	24.7	29.7	16.3	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
100	33.0	34.1	41.6	69.6	98.3	123	129	176	188	172	175	161	122	86.8	56.5	31.8	14.0	3.40	0.00
105	180	181	189	205	220	249	264	352	389	394	434	466	472	476	479	476	470	456	449
110	302	314	330	375	408	477	498	562	600	605	624	637	641	642	640	633	623	610	602
115	612	618	643	685	688	718	728	745	761	779	797	809	810	807	800	790	776	764	756
120	848	844	856	862	882	884	894	911	917	925	934	942	947	948	945	937	924	918	910
125	1003	999	1014	1017	1028	1045	1044	1050	1059	1069	1070	1069	1066	1061	1054	1043	1030	1026	1019
130	1128	1129	1143	1155	1159	1173	1189	1184	1184	1186	1188	1189	1182	1172	1161	1148	1137	1134	1127
135	1237	1240	1252	1273	1275	1281	1294	1309	1301	1295	1289	1283	1277	1269	1259	1249	1242	1243	1236
140	1330	1334	1344	1360	1375	1375	1380	1386	1394	1396	1385	1375	1364	1354	1342	1332	1327	1329	1322
145	1410	1414	1421	1433	1449	1455	1454	1455	1457	1460	1461	1461	1449	1437	1425	1416	1413	1414	1408
150	1478	1480	1485	1493	1503	1516	1520	1517	1515	1513	1511	1508	1505	1500	1496	1495	1497	1499	1494
155	1533	1535	1538	1542	1549	1556	1564	1572	1568	1564	1559	1555	1550	1546	1544	1544	1546	1547	1543
160	1578	1578	1579	1582	1585	1589	1593	1597	1602	1606	1606	1601	1597	1595	1593	1594	1595	1596	1593
165	1610	1610	1610	1611	1612	1613	1615	1617	1619	1622	1624	1627	1629	1632	1636	1639	1643	1644	1642
170	1632	1632	1631	1631	1631	1632	1632	1633	1634	1635	1636	1638	1639	1641	1643	1645	1646	1646	1644
175	1645	1644	1644	1644	1644	1644	1644	1645	1645	1646	1646	1647	1648	1648	1648	1648	1648	1647	1647
180	1649	1649	1649	1649	1649	1649	1649	1649	1649	1649	1649	1649	1649	1649	1649	1649	1649	1649	1649

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-05-12

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.266
Humidity:65.0%
Test Distance:8.300m [K=1.2048]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: CL1226-A10	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	3530	3530	3530	3530	3530	3530	3530	3530	3530	3530	3530	3530	3530	3530	3530	3530	3530	3530	3530
5	3500	3502	3507	3513	3520	3530	3541	3555	3569	3584	3600	3617	3634	3650	3665	3679	3692	3703	3707
10	3467	3469	3472	3479	3489	3505	3524	3548	3575	3605	3640	3678	3720	3765	3813	3863	3915	3966	3966
15	3429	3415	3396	3379	3361	3345	3333	3329	3334	3347	3372	3412	3461	3525	3598	3686	3785	3893	3881
20	2571	2587	2616	2650	2686	2726	2765	2801	2801	2771	2761	2777	2815	2871	2949	3049	3174	3325	3295
25	1707	1730	1761	1794	1829	1861	1892	1913	1930	1943	1953	1953	1973	2008	2058	2133	2240	2384	2347
30	844	876	912	951	995	1045	1089	1130	1161	1181	1181	1160	1135	1123	1120	1143	1198	1295	1250
35	609	603	581	544	498	450	425	519	584	611	595	546	497	483	481	480	494	531	522
40	385	383	372	351	324	298	276	255	234	259	264	260	245	238	234	232	237	250	246
45	162	169	179	185	184	180	175	166	156	146	140	150	150	146	144	141	142	146	146
50	123	121	118	113	106	99.7	101	106	106	105	106	108	108	107	107	105	102	101	101
55	87.9	88.6	89.1	87.3	83.6	79.7	76.6	75.0	74.3	76.8	78.9	80.0	80.3	78.7	77.7	77.3	72.6	71.0	71.7
60	53.3	57.2	61.6	63.9	63.5	61.4	59.1	57.9	57.5	56.5	54.1	53.5	53.2	53.4	53.9	56.8	56.2	56.6	57.0
65	44.8	46.5	48.4	49.2	48.4	46.1	42.9	41.8	42.3	42.1	39.2	34.0	33.7	36.2	38.1	40.4	41.7	42.2	43.2
70	36.8	37.2	37.7	37.6	36.9	35.2	32.8	31.1	30.6	30.2	29.3	26.6	24.8	25.4	27.0	28.4	29.4	29.0	29.7
75	28.7	27.7	26.8	26.0	25.8	25.0	23.4	22.1	21.6	21.3	21.1	20.3	18.9	17.6	16.9	18.2	18.4	17.1	17.4
80	0.21	0.82	1.77	3.00	4.59	6.34	7.93	9.53	11.3	12.9	12.7	12.1	11.5	10.1	9.01	8.32	9.27	9.98	10.4
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	2.33	4.94	5.81	4.91	2.93	2.56	3.13
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	2.96	0.00
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	38.9	90.6	92.9	85.0	80.9	42.7	53.5
100	3.38	13.4	29.8	52.1	79.4	108	122	134	165	174	156	160	142	121	116	113	111	108	79.1
105	453	451	448	444	438	423	388	352	355	328	256	243	233	203	197	176	156	135	80.0
110	605	606	605	603	599	587	571	542	537	517	424	421	369	326	308	296	286	274	251
115	758	761	762	762	760	754	742	728	707	691	660	651	632	579	547	507	468	440	411
120	910	913	911	909	904	895	882	875	864	856	851	828	812	805	788	784	757	740	708
125	1017	1021	1023	1025	1025	1024	1022	1021	1019	1003	989	980	968	958	952	949	914	898	863
130	1125	1129	1134	1140	1145	1150	1152	1146	1138	1131	1120	1121	1113	1101	1101	1083	1053	1037	1002
135	1232	1235	1239	1244	1247	1249	1250	1251	1251	1252	1255	1235	1228	1229	1231	1196	1171	1155	1124
140	1319	1321	1326	1332	1337	1342	1347	1351	1358	1354	1347	1341	1340	1343	1322	1294	1272	1257	1231
145	1405	1408	1413	1419	1426	1433	1439	1436	1433	1431	1429	1430	1433	1423	1398	1376	1359	1347	1324
150	1491	1491	1493	1495	1496	1497	1497	1498	1499	1500	1503	1507	1500	1480	1462	1446	1433	1423	1405
155	1541	1541	1543	1545	1548	1550	1553	1556	1559	1564	1569	1555	1541	1528	1515	1504	1496	1489	1474
160	1591	1591	1593	1595	1599	1602	1606	1610	1609	1601	1592	1584	1576	1567	1560	1553	1547	1543	1532
165	1640	1639	1638	1636	1634	1632	1629	1625	1621	1617	1612	1607	1603	1598	1594	1591	1588	1586	1578
170	1643	1642	1641	1640	1638	1637	1635	1634	1632	1630	1627	1625	1623	1621	1620	1618	1617	1617	1611
175	1646	1645	1645	1644	1644	1643	1642	1642	1641	1640	1640	1639	1639	1638	1638	1638	1638	1638	1635
180	1649	1649	1649	1649	1649	1649	1649	1649	1649	1649	1649	1649	1649	1649	1649	1649	1649	1649	1649

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2024-05-12

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE GO-2000_V1 SYSTEM V2.0.266
Humidity: 65.0%
Test Distance: 8.300m [K=1.2048]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: CL1226-A10	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	3530	3530	3530	3530	3530	3530	3530	3530	3530	3530	3530	3530	3530	3530	3530	3530	3530	3530	3530
5	3709	3709	3707	3702	3696	3688	3680	3670	3659	3648	3638	3627	3619	3611	3605	3601	3596	3597	3598
10	3964	3960	3955	3950	3939	3926	3908	3887	3861	3833	3802	3772	3743	3715	3692	3674	3662	3659	3662
15	3877	3882	3897	3913	3936	3956	3972	3981	3980	3968	3943	3909	3869	3827	3786	3753	3728	3717	3718
20	3292	3314	3360	3425	3506	3607	3718	3824	3827	3745	3658	3568	3482	3406	3342	3295	3268	3261	3273
25	2355	2409	2502	2623	2767	2936	2931	2932	2946	2957	2947	2919	2892	2863	2841	2821	2808	2794	2783
30	1257	1315	1431	1595	1750	1836	1881	1907	1953	2015	2085	2149	2198	2250	2301	2335	2348	2320	2268
35	535	568	622	691	785	900	973	1008	1019	1065	1247	1410	1520	1592	1636	1660	1668	1651	1618
40	253	272	304	336	358	390	420	426	501	607	736	849	928	962	977	984	988	984	975
45	151	160	170	178	192	203	223	255	290	329	373	403	399	369	335	311	308	323	349
50	106	113	120	125	129	135	147	156	162	159	164	178	193	208	221	232	240	242	235
55	74.8	79.7	87.8	95.2	98.3	102	104	103	106	112	123	133	141	150	159	165	171	174	171
60	58.7	60.7	65.5	67.3	71.2	75.5	78.8	80.2	81.6	84.8	89.6	93.3	94.9	96.1	98.0	99.9	103	107	107
65	44.4	46.0	46.2	46.0	48.3	52.5	56.6	58.9	59.9	61.8	64.6	67.4	70.1	72.6	75.1	77.1	79.6	82.7	82.5
70	30.9	31.9	32.1	32.0	32.7	33.9	36.8	42.0	44.6	46.4	48.4	51.0	53.9	55.5	55.7	55.4	56.3	59.6	61.2
75	19.1	20.5	21.2	21.4	21.9	24.0	27.0	30.3	32.2	32.3	32.8	34.9	37.9	38.8	36.7	33.7	33.1	36.5	40.3
80	11.2	11.8	12.6	13.9	15.4	17.7	19.6	17.2	14.4	10.8	8.08	6.10	4.38	2.57	1.09	0.25	0.00	0.27	1.20
85	3.89	4.74	5.29	3.03	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
95	49.6	51.3	41.2	16.1	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
100	86.8	77.6	63.6	54.9	62.3	70.0	67.8	55.5	37.9	30.7	21.9	15.6	12.3	7.09	3.39	0.89	0.00	0.91	3.58
105	76.4	73.3	98.7	77.9	95.4	114	125	150	149	143	127	120	124	118	119	121	120	124	125
110	206	183	183	170	219	216	200	276	280	279	270	271	272	271	274	275	275	280	282
115	400	386	407	384	442	408	401	429	420	421	417	420	422	425	429	429	430	436	439
120	688	671	661	637	620	606	596	587	579	575	570	571	574	579	583	584	586	592	596
125	845	824	815	810	784	768	756	749	741	731	725	724	725	728	731	731	733	738	743
130	981	965	952	949	948	925	908	898	890	886	881	878	877	878	879	879	881	885	891
135	1103	1092	1077	1070	1070	1077	1058	1043	1031	1023	1020	1019	1021	1023	1025	1027	1029	1031	1036
140	1212	1200	1192	1182	1178	1179	1184	1185	1170	1160	1153	1149	1147	1147	1147	1147	1149	1152	1156
145	1308	1296	1290	1284	1277	1274	1275	1279	1285	1292	1284	1277	1272	1269	1268	1268	1270	1272	1277
150	1391	1381	1374	1372	1368	1362	1360	1359	1361	1364	1368	1372	1377	1381	1385	1388	1391	1391	1392
155	1462	1453	1447	1443	1441	1442	1437	1434	1432	1433	1433	1435	1437	1439	1441	1444	1446	1447	1447
160	1523	1515	1509	1504	1501	1500	1500	1501	1499	1497	1496	1496	1496	1497	1497	1499	1501	1502	1503
165	1570	1564	1559	1555	1551	1549	1547	1546	1546	1546	1547	1548	1550	1551	1552	1554	1556	1557	1557
170	1606	1602	1598	1595	1592	1589	1587	1586	1585	1584	1584	1584	1584	1584	1585	1586	1587	1588	1588
175	1633	1630	1628	1626	1624	1623	1621	1620	1619	1618	1617	1617	1617	1617	1617	1617	1618	1619	1619
180	1649	1649	1649	1649	1649	1649	1649	1649	1649	1649	1649	1649	1649	1649	1649	1649	1649	1649	1649

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-05-12

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.266
Humidity:65.0%
Test Distance:8.300m [K=1.2048]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: CL1226-A10	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	3530	3530	3530	3530	3530	3530	3530	3530	3530	3530	3530	3530	3530	3530	3530				
5	3602	3607	3614	3623	3632	3643	3654	3664	3675	3685	3694	3701	3707	3711	3713				
10	3673	3688	3708	3731	3756	3781	3805	3827	3849	3870	3891	3909	3926	3943	3959				
15	3727	3745	3767	3788	3804	3817	3824	3827	3828	3825	3817	3814	3811	3818	3835				
20	3303	3352	3409	3473	3539	3606	3614	3537	3442	3342	3249	3173	3120	3095	3100				
25	2784	2790	2802	2819	2833	2835	2804	2758	2692	2494	2331	2202	2109	2051	2035				
30	2209	2150	2105	2064	2018	1940	1844	1732	1627	1526	1392	1236	1112	1025	974				
35	1571	1513	1429	1331	1193	1105	1012	923	849	767	680	582	505	465	446				
40	960	935	896	815	706	581	473	448	406	359	332	307	275	249	235				
45	384	416	434	423	377	322	284	245	220	210	194	185	176	168	165				
50	223	208	191	178	178	182	173	162	154	148	144	138	132	126	121				
55	163	154	145	137	127	120	116	119	117	116	115	109	102	96.5	92.4				
60	106	105	104	102	98.0	94.9	93.8	93.0	90.2	88.8	87.8	87.1	82.1	80.3	78.7				
65	81.0	79.4	78.0	76.5	74.0	73.3	73.7	73.5	71.4	67.8	67.0	68.7	69.5	68.5	67.9				
70	62.4	62.7	61.9	60.7	59.8	59.4	59.0	57.9	57.1	56.5	56.8	58.2	59.9	60.1	59.7				
75	44.4	46.3	46.0	45.7	46.9	48.8	50.7	52.0	51.9	51.3	52.9	55.4	56.4	57.5	57.5				
80	2.95	5.45	8.39	12.1	17.4	25.1	35.8	48.3	51.7	53.4	54.8	56.0	57.9	58.8	59.2				
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.1	46.7	49.7	48.9	50.4				
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.34	16.7	19.3	20.2	18.8				
100	8.10	13.7	16.2	20.5	27.5	25.6	23.3	19.7	33.7	46.9	39.8	31.8	36.6	33.6	28.9				
105	132	138	125	131	147	152	146	123	110	110	103	112	123	134	134				
110	287	292	288	293	305	314	301	251	251	271	248	237	244	249	282				
115	442	447	449	457	467	475	479	465	479	517	493	505	527	531	561				
120	597	600	606	614	624	636	651	663	692	705	719	746	762	786	811				
125	747	752	759	769	782	796	814	826	840	860	885	896	913	941	964				
130	897	903	912	924	935	943	955	969	988	1012	1019	1030	1050	1070	1093				
135	1040	1045	1050	1057	1066	1078	1092	1110	1131	1131	1137	1151	1171	1184	1206				
140	1162	1168	1175	1184	1196	1210	1227	1231	1231	1235	1245	1261	1271	1284	1304				
145	1283	1291	1300	1311	1322	1319	1317	1319	1322	1329	1342	1351	1359	1371	1388				
150	1392	1392	1392	1392	1392	1392	1395	1399	1405	1415	1422	1426	1434	1445	1460				
155	1449	1450	1452	1454	1457	1461	1465	1471	1480	1481	1484	1489	1497	1507	1519				
160	1504	1507	1509	1513	1517	1522	1526	1527	1529	1532	1536	1542	1549	1557	1567				
165	1557	1557	1558	1559	1561	1562	1564	1567	1570	1573	1577	1582	1588	1595	1602				
170	1589	1589	1590	1591	1593	1595	1597	1599	1602	1605	1609	1613	1617	1622	1627				
175	1620	1621	1622	1622	1623	1624	1625	1627	1629	1630	1632	1635	1637	1639	1642				
180	1649	1649	1649	1649	1649	1649	1649	1649	1649	1649	1649	1649	1649	1649	1649				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-05-12

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000_V1 SYSTEM V2.0.266
Humidity:65.0%
Test Distance:8.300m [K=1.2048]
Remarks: