

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

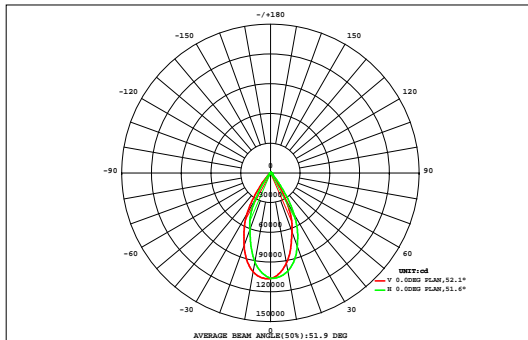
Maximum Intensity		1352.1 cd per klm.
(Luminaire orientation as tested.)		0.0 degrees vertical
		0.0 degrees horizontal
Beam Spread	At 10% of Imax	77.1V x 77.3H
	At 50% of Imax	51.5V x 52.1H
	At 90% of Imax	20.7V x 21.4H
Beam Flux	Total	1000.2 lumens per klm.
	To 10% of Imax	899.6 lumens per klm.
	To 50% of Imax	622.7 lumens per klm.
	To 90% of Imax	137.7 lumens per klm.
	Upward LOR	1.8 %
	Downward LOR	98.2 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-10-18

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:6.490m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:



DATA OF LAMP		Eff:155.94lm/W	
MODEL		Imax(cd)	106730
NOMINAL POWER(W)	502	AVAILABILITY(%)	90.0
RATED VOLTAGE(V)	222	Avai. FLUX(lm)	71040
NOMINAL FLUX(lm)	78936.7	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	78937
TEST VOLTAGE(V)	221.3	θ @50%(H,V)	52,52DEG

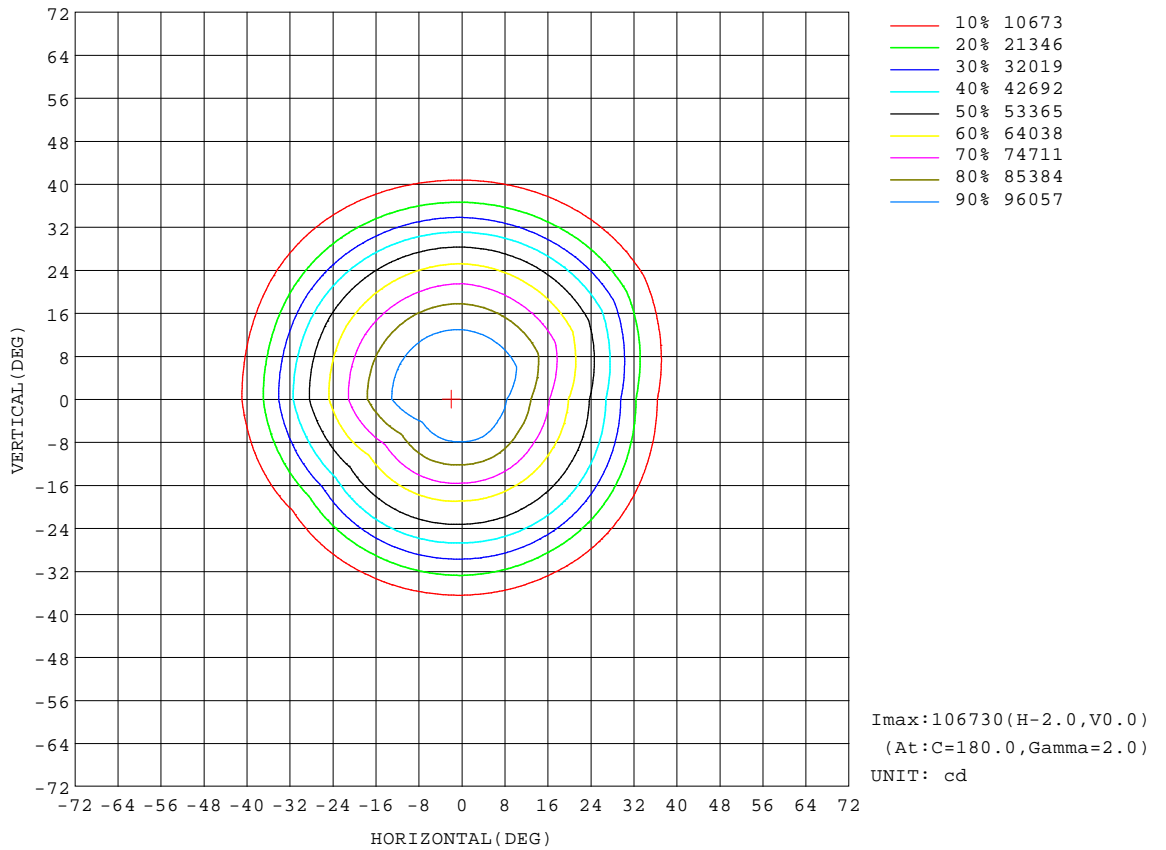
VERTICAL(DEG)	AREA FLUX DIAGRAM																UNIT:lm				Φ t	Φ a
	3.24	5.72	8.52	11.4	14.0	16.2	17.8	19.0	19.7	19.7	19.0	17.8	16.0	13.6	10.9	7.96	5.11	2.44	228	0.00		
72	3.24	5.72	8.52	11.4	14.0	16.2	17.8	19.0	19.7	19.7	19.0	17.8	16.0	13.6	10.9	7.96	5.11	2.44	228	0.00		
64	4.31	7.45	10.7	13.5	15.8	17.9	20.0	21.6	22.5	22.5	21.5	19.9	18.0	15.9	13.4	10.3	6.76	3.42	265	0.00		
56	5.23	8.72	11.7	14.5	17.8	21.3	24.4	27.5	29.9	29.9	27.5	24.4	21.1	17.6	14.4	11.6	8.09	4.30	320	0.00		
48	5.97	9.35	12.3	16.4	20.9	30.3	55.8	91.5	117	115	87.0	52.4	29.5	20.8	16.1	12.2	8.92	5.03	706	30.2		
40	6.49	9.66	13.5	18.5	34.6	100	220	362	457	448	341	199	87.7	31.8	18.2	13.0	9.35	5.59	2376	1864		
32	6.80	10.0	14.7	24.6	93.1	283	592	876	1029	1018	843	544	246	77.4	22.5	13.9	9.62	5.97	5710	5382		
24	6.96	10.4	15.8	43.6	196	568	1002	1323	1506	1490	1283	947	503	151	31.9	14.6	9.81	6.20	9109	8844		
-24	7.06	10.8	17.0	69.7	314	807	1273	1660	1867	1848	1605	1192	673	210	40.2	15.1	9.90	6.33	11624	11387		
-32	7.10	11.0	18.2	87.9	391	919	1411	1834	2032	2006	1715	1219	690	214	39.1	15.0	9.86	6.35	12625	12401		
-40	7.07	10.9	17.8	81.0	358	855	1316	1711	1945	1925	1595	1131	631	184	33.3	14.7	9.76	6.30	11832	11599		
-48	6.94	10.5	16.3	53.9	232	624	1035	1384	1633	1615	1337	971	502	137	27.1	14.3	9.60	6.17	9615	9356		
-56	6.75	10.1	15.0	29.9	109	340	729	1035	1184	1170	1001	682	294	75.7	20.8	13.6	9.36	5.93	6732	6422		
-64	6.46	9.59	13.6	19.4	41.7	137	342	585	724	713	556	309	116	33.8	17.8	12.6	9.06	5.57	3651	3259		
-72	6.00	9.17	12.3	16.5	22.3	42.7	96.4	175	236	231	162	83.6	36.2	21.1	15.8	11.6	8.64	5.06	1191	495		
-72	5.32	8.60	11.4	14.4	18.4	22.4	28.6	38.7	46.9	45.7	36.1	26.8	21.7	17.8	13.9	10.9	7.93	4.38	380	0.00		
-72	4.46	7.52	10.5	13.1	15.6	18.4	21.0	22.9	24.0	23.9	22.7	20.5	17.9	15.1	12.7	10.1	6.80	3.55	271	0.00		
-72	3.44	5.93	8.85	11.8	14.1	15.9	17.4	18.5	19.1	19.1	18.3	17.1	15.5	13.6	11.3	8.34	5.28	2.56	226	0.00		
-72	2.29	4.04	6.33	8.84	11.2	13.2	14.8	15.9	16.4	16.4	15.7	14.5	12.9	10.8	8.39	5.85	3.44	1.53	182	0.00		
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL(DEG)	16	24	32	40	48	56	64	72					
Φ t	102	160	235	549	1919	4832	8215	11200	12910	12755	10687	7472	3931	1261	368	216	147	86.7	77043	---		
Φ a	0.00	0.00	0.00	26.0	1419	4419	7845	10844	12557	12404	10328	7094	3501	603	0.00	0.00	0.00	0.00	---	71040		

one-half-peak spread: U:23.5,D:28.4 , L:26.5,R:25.9 NEMA Beam Type: Type 5

H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-10-18
V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:6.490m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

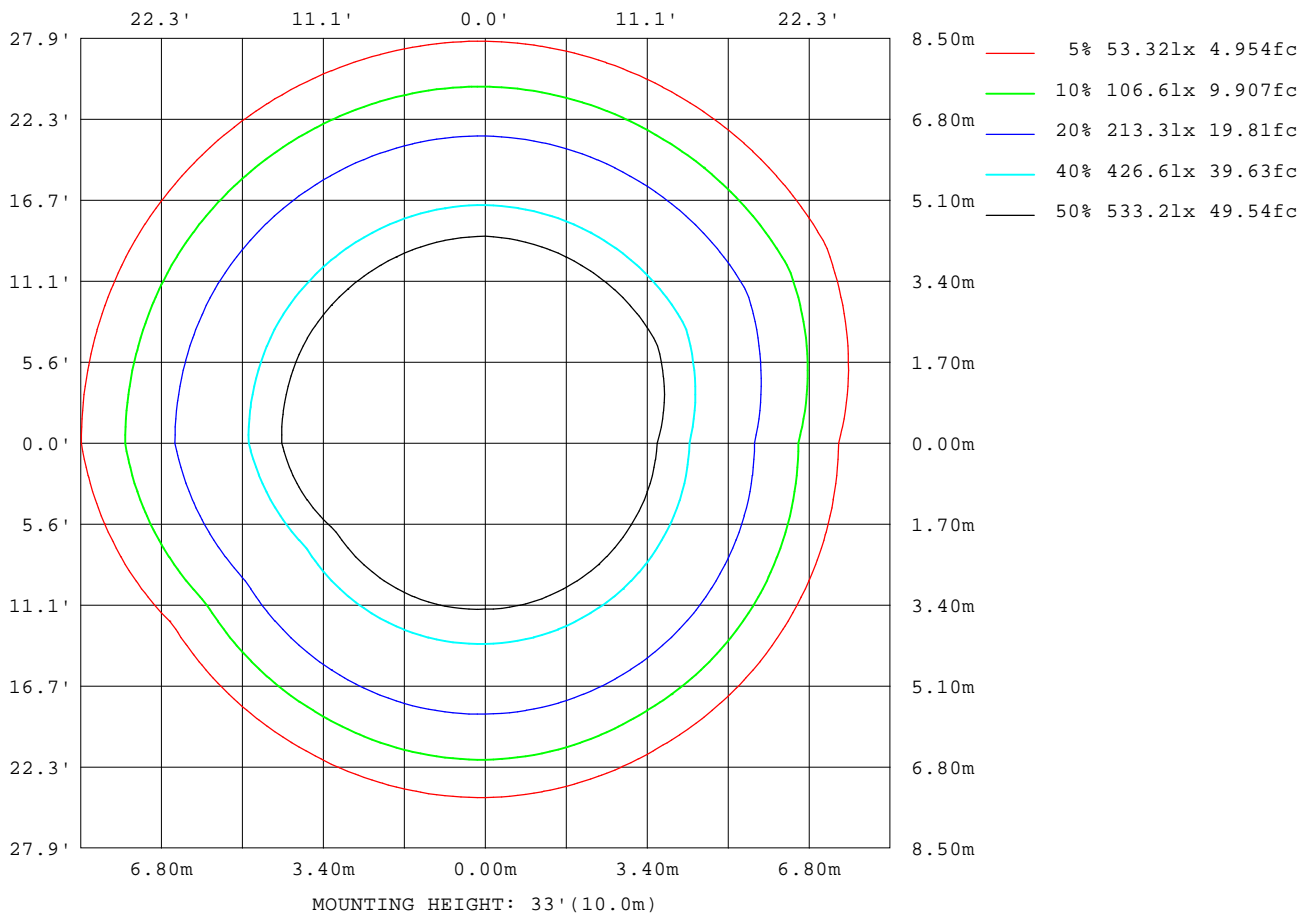


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Humidity:65.0%
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Remarks:

ISOLUX DIAGRAM

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DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

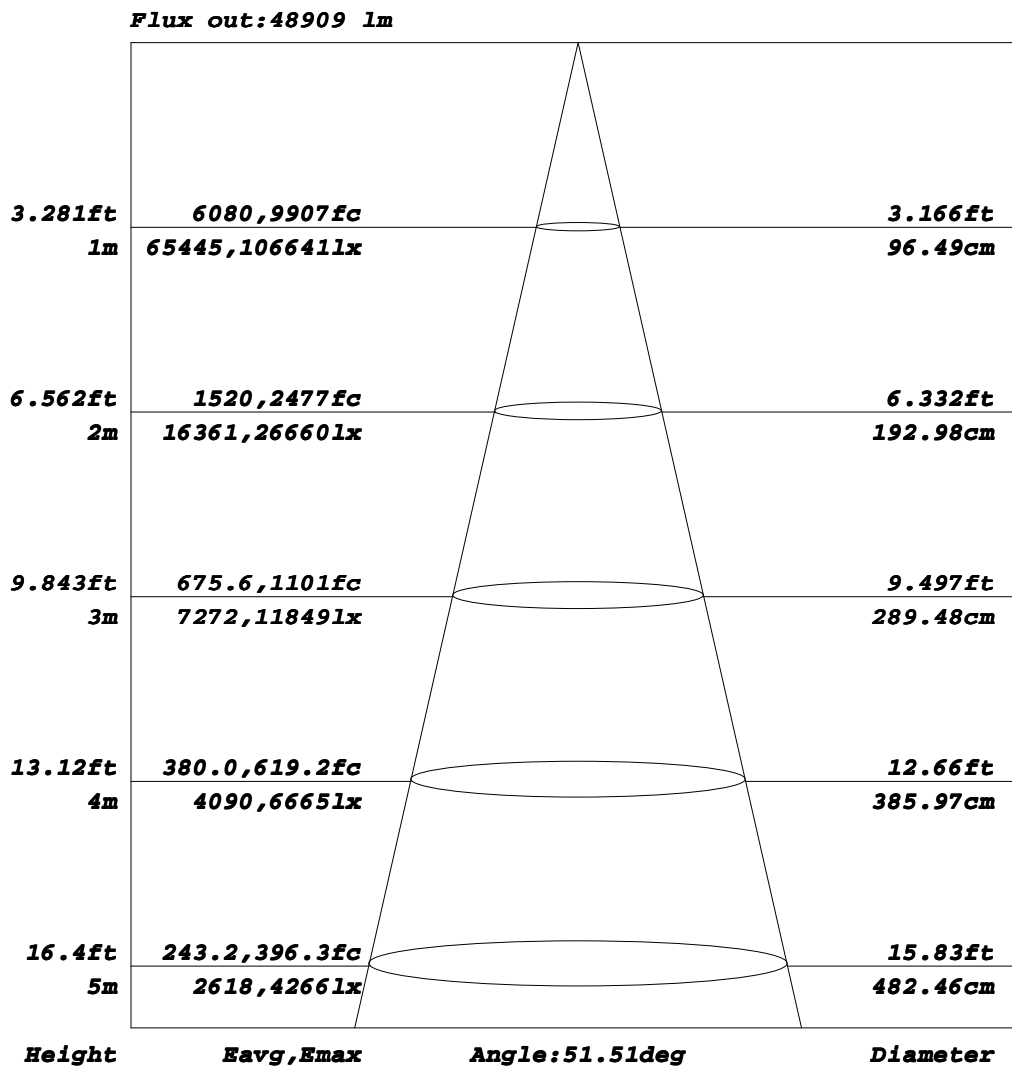


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Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2022-10-18

V(B) Range: -180 - 180DEG
V(B) Interval: 0.5DEG
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Humidity: 65.0%
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Remarks:

AAI Figure

NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

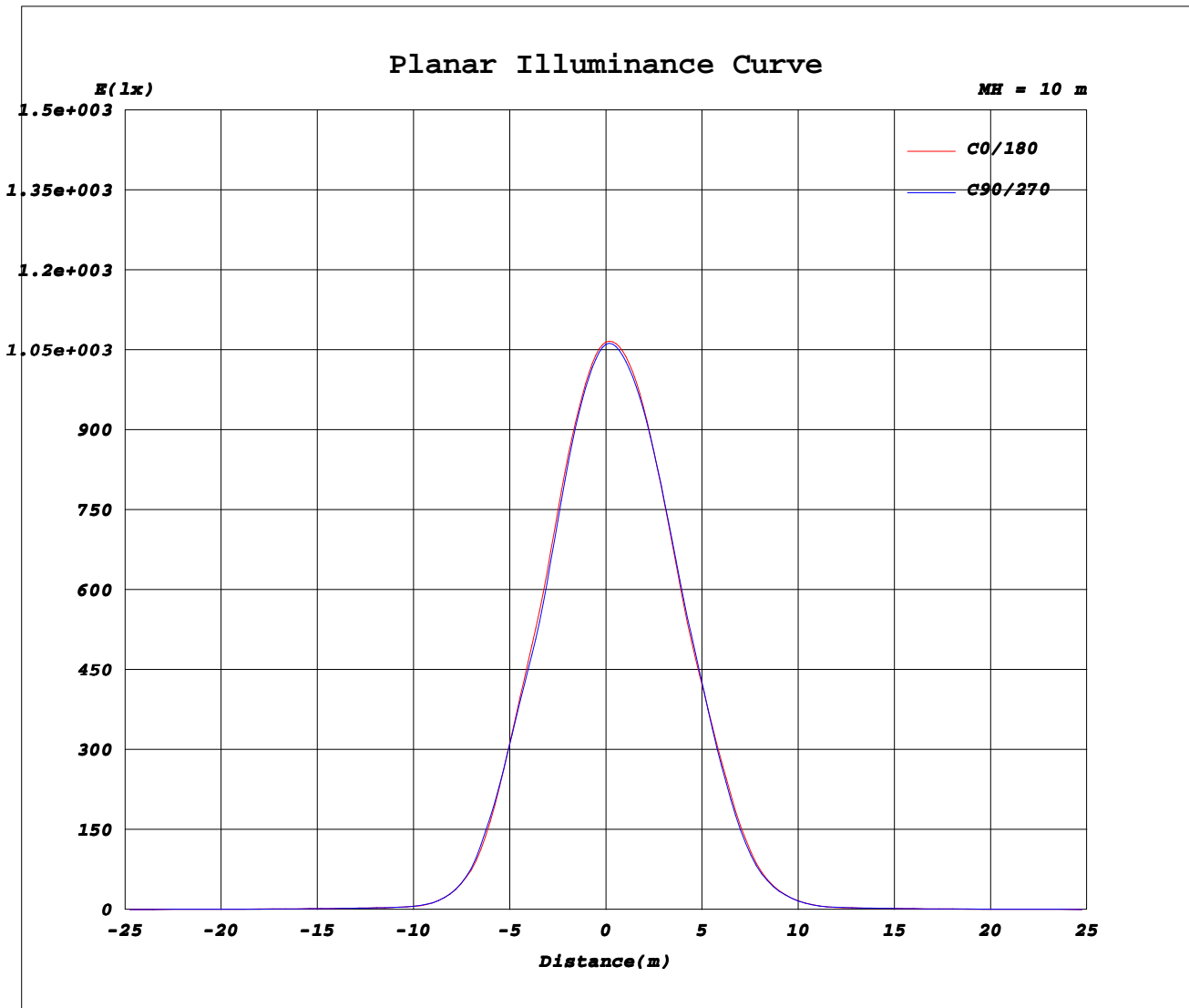


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range: -90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2022-10-18

V(B) Range: -180 - 180DEG
V(B) Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity: 65.0%
Test Distance: 6.490m [K=1.0000]
Remarks:

Planar Illuminance Curve



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V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
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Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

Table--1

UNIT: ×100cd

H(DEG) V(DEG)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-180	0.83	0.48	0.61	0.83	1.14	1.54	1.99	2.48	2.98	3.46	3.88	4.21	4.41	4.48	4.42	4.30	4.18	4.13	4.07
-170	0.83	0.48	0.61	0.82	1.12	1.51	1.96	2.43	2.93	3.40	3.81	4.13	4.32	4.37	4.30	4.17	4.08	4.05	4.06
-160	0.83	0.48	0.59	0.78	1.06	1.42	1.83	2.28	2.74	3.19	3.59	3.92	4.14	4.28	4.33	4.33	4.29	4.27	4.26
-150	0.83	0.47	0.56	0.73	0.96	1.27	1.62	2.01	2.42	2.83	3.21	3.54	3.81	4.02	4.17	4.26	4.32	4.35	4.36
-140	0.83	0.46	0.53	0.66	0.84	1.08	1.36	1.67	2.01	2.34	2.67	2.96	3.23	3.46	3.65	3.78	3.88	3.94	3.97
-130	0.83	0.45	0.50	0.59	0.72	0.88	1.07	1.30	1.54	1.78	2.02	2.24	2.45	2.66	2.83	2.95	3.05	3.12	3.14
-120	0.83	0.47	0.47	0.52	0.60	0.69	0.81	0.94	1.09	1.24	1.39	1.54	1.67	1.80	1.90	2.00	2.07	2.12	2.14
-110	0.83	0.52	0.45	0.46	0.50	0.54	0.59	0.65	0.72	0.79	0.87	0.94	1.01	1.07	1.12	1.17	1.20	1.22	1.23
-100	0.83	0.62	0.49	0.44	0.43	0.43	0.44	0.46	0.48	0.50	0.52	0.54	0.56	0.58	0.59	0.61	0.62	0.62	0.63
-90	0.83	0.75	0.68	0.60	0.53	0.45	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.39	0.39	0.39	0.39	0.39
-80	0.83	0.95	1.06	1.14	1.19	1.22	1.23	1.45	1.70	1.95	2.21	2.44	2.65	2.85	3.02	3.16	3.25	3.30	3.30
-70	0.83	1.20	1.61	2.06	2.51	3.03	3.60	4.30	4.94	5.58	6.12	6.56	6.94	7.26	7.53	7.72	7.86	7.95	7.98
-60	0.83	1.48	2.30	3.22	4.31	5.22	6.11	6.87	7.73	8.34	8.80	9.04	9.16	9.28	9.42	9.56	9.67	9.73	9.74
-50	0.83	1.76	3.02	4.53	5.87	7.09	8.09	8.77	9.20	9.42	9.80	10.3	11.0	11.6	12.2	12.5	12.8	13.0	13.1
-40	0.83	2.03	3.72	5.60	7.25	8.50	9.21	9.53	9.94	10.7	11.9	12.8	13.9	16.6	22.6	31.8	41.2	48.3	50.2
-30	0.83	2.29	4.39	6.50	8.25	9.28	9.68	10.4	11.5	12.7	14.1	21.1	42.8	80.1	134	200	263	301	311
-20	0.83	2.51	4.94	7.22	8.95	9.62	10.2	11.5	13.0	16.9	34.2	73.8	143	272	404	508	571	605	612
-10	0.83	2.67	5.33	7.69	9.35	9.84	10.8	12.5	14.7	31.7	82.9	188	344	492	606	701	818	895	914
0	0.83	2.75	5.53	7.95	9.58	9.99	11.2	13.0	16.3	47.0	126	286	478	633	782	919	1014	1060	1065
10	0.83	2.71	5.43	7.84	9.50	9.94	11.0	12.8	15.3	38.8	106	242	427	591	723	851	943	994	1006
20	0.83	2.59	5.16	7.52	9.29	9.84	10.6	12.2	13.6	21.7	60.4	135	269	423	555	651	723	773	790
30	0.83	2.40	4.71	6.96	8.81	9.71	10.1	11.1	12.6	13.9	21.5	50.5	99.2	169	261	349	417	457	468
40	0.83	2.16	4.14	6.20	8.01	9.30	9.76	10.2	11.0	12.2	13.2	14.9	21.4	37.2	59.3	82.5	103	117	122
50	0.83	1.90	3.46	5.25	6.82	8.24	9.24	9.67	9.93	10.4	11.1	11.9	12.7	13.3	13.9	14.7	15.7	16.5	16.8
60	0.83	1.62	2.71	4.04	5.39	6.57	7.65	8.57	9.26	9.66	9.85	10.0	10.3	10.5	10.8	11.1	11.3	11.5	11.6
70	0.83	1.32	1.96	2.74	3.63	4.57	5.36	6.13	6.79	7.43	8.02	8.49	8.87	9.20	9.45	9.65	9.81	9.93	10.0
80	0.83	1.05	1.31	1.61	1.92	2.26	2.63	3.02	3.42	3.80	4.14	4.41	4.62	4.78	4.94	5.07	5.17	5.23	5.24
90	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.74	0.73	0.72	0.71	0.70	0.69	0.68	0.67	0.66
100	0.83	0.65	0.53	0.47	0.45	0.46	0.47	0.48	0.49	0.50	0.52	0.53	0.54	0.56	0.57	0.58	0.59	0.60	0.61
110	0.83	0.54	0.46	0.48	0.50	0.54	0.59	0.64	0.70	0.76	0.82	0.87	0.93	0.98	1.03	1.07	1.10	1.12	1.13
120	0.83	0.48	0.48	0.53	0.60	0.69	0.79	0.90	1.03	1.17	1.30	1.44	1.56	1.67	1.77	1.85	1.91	1.94	1.95
130	0.83	0.46	0.50	0.59	0.71	0.86	1.04	1.24	1.46	1.68	1.90	2.12	2.31	2.50	2.65	2.78	2.88	2.94	2.96
140	0.83	0.47	0.54	0.66	0.83	1.05	1.32	1.60	1.90	2.21	2.53	2.83	3.10	3.33	3.52	3.67	3.78	3.84	3.86
150	0.83	0.47	0.57	0.73	0.95	1.24	1.58	1.94	2.32	2.73	3.11	3.45	3.75	3.98	4.15	4.26	4.33	4.37	4.38
160	0.83	0.48	0.59	0.78	1.05	1.40	1.80	2.22	2.68	3.13	3.54	3.89	4.16	4.33	4.42	4.44	4.42	4.39	4.37
170	0.83	0.48	0.61	0.82	1.11	1.50	1.94	2.40	2.90	3.37	3.80	4.13	4.35	4.45	4.43	4.33	4.23	4.15	4.13
180	0.83	0.48	0.61	0.83	1.14	1.54	1.99	2.48	2.98	3.46	3.88	4.21	4.41	4.48	4.42	4.30	4.18	4.13	4.06

H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-10-18

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:6.490m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME:	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	PROTECTION ANGLE:

Table--2

UNIT: ×100cd

H(DEG) V(DEG)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-180	4.06	4.06	4.12	4.22	4.32	4.33	4.21	3.96	3.60	3.15	2.66	2.13	1.67	1.25	0.90	0.64	0.47	0.38
-170	4.05	4.10	4.19	4.28	4.35	4.32	4.17	3.91	3.54	3.09	2.60	2.09	1.64	1.23	0.89	0.63	0.47	0.38
-160	4.26	4.29	4.33	4.36	4.32	4.21	4.01	3.71	3.32	2.89	2.41	1.96	1.54	1.16	0.85	0.62	0.46	0.38
-150	4.35	4.33	4.29	4.21	4.08	3.90	3.65	3.33	2.96	2.55	2.14	1.74	1.38	1.05	0.78	0.59	0.45	0.38
-140	3.96	3.91	3.83	3.71	3.54	3.32	3.06	2.78	2.46	2.13	1.79	1.47	1.17	0.91	0.71	0.55	0.44	0.38
-130	3.13	3.08	3.00	2.88	2.74	2.54	2.33	2.11	1.88	1.64	1.40	1.16	0.95	0.77	0.62	0.51	0.43	0.38
-120	2.13	2.09	2.03	1.95	1.85	1.74	1.61	1.47	1.32	1.16	1.01	0.87	0.74	0.63	0.54	0.47	0.41	0.38
-110	1.23	1.22	1.19	1.15	1.11	1.05	0.99	0.91	0.84	0.77	0.70	0.63	0.57	0.51	0.47	0.43	0.40	0.38
-100	0.63	0.62	0.62	0.61	0.60	0.58	0.56	0.54	0.52	0.50	0.48	0.46	0.44	0.43	0.41	0.40	0.39	0.38
-90	0.39	0.39	0.39	0.39	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38
-80	3.26	3.17	3.04	2.87	2.65	2.42	2.18	1.93	1.67	1.41	1.16	0.93	0.74	0.57	0.45	0.38	0.38	0.38
-70	7.92	7.80	7.64	7.42	7.12	6.77	6.37	5.84	5.23	4.58	3.85	2.94	2.15	1.48	0.92	0.55	0.38	0.38
-60	9.68	9.57	9.42	9.25	9.08	8.94	8.77	8.47	8.01	7.32	6.41	5.42	4.27	2.89	1.74	0.88	0.43	0.38
-50	13.0	12.7	12.4	11.9	11.3	10.6	9.98	9.48	9.14	8.84	8.29	7.33	6.03	4.46	2.72	1.35	0.51	0.38
-40	46.5	37.9	27.7	19.5	15.2	13.3	12.4	11.4	10.3	9.52	9.16	8.62	7.43	5.79	3.75	1.81	0.61	0.38
-30	294	250	184	119	68.6	34.5	17.6	13.4	12.1	10.7	9.67	9.26	8.40	6.69	4.53	2.24	0.72	0.38
-20	596	556	487	378	243	121	52.5	20.1	13.5	12.0	10.4	9.54	9.00	7.40	5.26	2.59	0.80	0.38
-10	884	795	671	564	422	247	108	39.3	15.6	12.7	11.0	9.78	9.32	7.82	5.62	2.81	0.85	0.38
0	1019	926	788	636	491	302	135	50.3	17.3	12.9	11.3	9.92	9.48	7.98	5.74	2.88	0.86	0.38
10	980	919	815	670	515	325	155	58.9	21.0	13.3	11.4	10.0	9.48	8.01	5.77	2.92	0.89	0.38
20	762	703	629	524	386	232	107	41.8	17.4	12.8	11.1	9.98	9.35	7.78	5.55	2.82	0.87	0.38
30	449	402	326	236	148	84.9	41.7	19.6	13.5	12.0	10.5	9.81	9.01	7.27	4.98	2.56	0.81	0.38
40	115	97.9	76.7	53.6	33.2	20.3	14.7	13.1	12.0	10.8	9.99	9.48	8.31	6.54	4.33	2.19	0.72	0.38
50	16.5	15.7	14.8	14.0	13.3	12.6	11.8	10.9	10.3	9.92	9.59	8.60	7.14	5.36	3.47	1.74	0.63	0.38
60	11.5	11.3	11.1	10.8	10.5	10.3	10.1	9.91	9.59	8.97	8.11	6.92	5.53	4.02	2.49	1.24	0.54	0.38
70	9.91	9.77	9.58	9.34	9.02	8.64	8.17	7.62	6.99	6.36	5.65	4.78	3.62	2.48	1.52	0.85	0.47	0.38
80	5.19	5.09	4.96	4.80	4.62	4.41	4.13	3.76	3.35	2.96	2.57	2.17	1.64	1.19	0.83	0.57	0.44	0.38
90	0.65	0.64	0.64	0.63	0.63	0.62	0.62	0.61	0.61	0.61	0.61	0.60	0.57	0.53	0.49	0.46	0.42	0.38
100	0.60	0.60	0.59	0.58	0.57	0.55	0.54	0.53	0.52	0.50	0.49	0.47	0.46	0.44	0.43	0.42	0.41	0.38
110	1.12	1.11	1.08	1.05	1.01	0.96	0.90	0.85	0.79	0.73	0.67	0.62	0.57	0.52	0.47	0.44	0.41	0.38
120	1.95	1.92	1.87	1.80	1.71	1.60	1.49	1.36	1.22	1.08	0.95	0.83	0.72	0.62	0.54	0.47	0.42	0.38
130	2.95	2.90	2.81	2.69	2.54	2.37	2.17	1.96	1.74	1.52	1.31	1.11	0.92	0.75	0.62	0.51	0.43	0.38
140	3.85	3.79	3.70	3.56	3.38	3.15	2.89	2.61	2.29	1.98	1.69	1.40	1.13	0.89	0.70	0.55	0.44	0.38
150	4.36	4.33	4.26	4.16	4.00	3.79	3.51	3.18	2.82	2.42	2.04	1.68	1.34	1.03	0.77	0.59	0.45	0.38
160	4.36	4.38	4.41	4.40	4.33	4.17	3.93	3.62	3.23	2.81	2.33	1.91	1.50	1.14	0.84	0.61	0.46	0.38
170	4.11	4.16	4.26	4.35	4.38	4.32	4.15	3.87	3.49	3.05	2.55	2.06	1.62	1.22	0.88	0.63	0.47	0.38
180	4.06	4.06	4.12	4.22	4.32	4.33	4.21	3.96	3.60	3.15	2.66	2.13	1.67	1.25	0.90	0.64	0.47	0.38

H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2022-10-18

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.269
Humidity:65.0%
Test Distance:6.490m [K=1.0000]
Remarks: