

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	940.8 cd per klm.
(Luminaire orientation as tested.)	-17.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of I _{max}	102.5V x 103.3H
	At 50% of I _{max}	53.7V x 68.5H
	At 90% of I _{max}	17.6V x 26.1H

Beam Flux	Total	1000.0 lumens per klm.
	To 10% of I _{max}	894.8 lumens per klm.
	To 50% of I _{max}	470.1 lumens per klm.
	To 90% of I _{max}	80.8 lumens per klm.

Upward LOR	1.1 %
Downward LOR	98.9 %

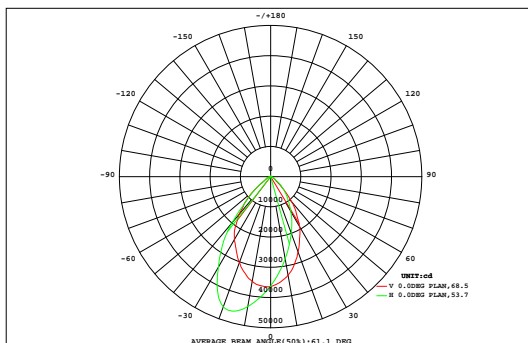
Luminaire Efficiency(Light Output Ratio)	100.0 %
--	---------

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:1
Test Date:2022-01-17

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity:65.0%
Test Distance:9.886m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:87.700V I:3.3000A P:289.41W PF:1.0000 Freq:0Hz Lamp Flux:49266.4x1 lm		
NAME: E330 -日亜-R	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.:0.1*0.9	Shielding Angle:



DATA OF LAMP		Eff:170.21lm/W	
MODEL	B065 -日亜-R	Imax(cd)	46348
NOMINAL POWER(W)	290	AVAILABILITY(%)	89.5
RATED VOLTAGE(V)	87.7	Avai. FLUX(lm)	44092
NOMINAL FLUX(lm)	49266.4	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	49261
TEST VOLTAGE(V)	87.7	θ @50%(H,V)	69,54DEG

VERTICAL(DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.48	1.64	2.99	4.24	4.99	5.36	5.26	4.62	3.56	3.31	3.91	4.20	3.95	3.19	2.24	1.22	0.54	0.15	55.9	0.00
90	0.60	2.39	5.02	8.70	12.6	15.4	17.2	18.1	17.6	17.1	16.7	15.0	12.4	9.08	6.15	3.17	0.98	0.17	179	0.00
80	0.70	3.08	8.29	16.6	23.3	29.4	34.4	37.3	37.1	36.4	35.4	31.5	26.0	19.5	11.9	5.38	1.70	0.21	358	0.00
70	0.80	4.00	12.1	23.0	34.4	47.8	64.9	79.2	81.3	77.9	71.0	56.1	41.5	29.9	19.1	8.16	2.45	0.26	654	0.00
60	0.87	5.12	14.9	29.3	53.1	102	160	194	197	191	178	135	78.8	42.5	24.5	11.0	3.08	0.33	1420	987
50	0.93	6.04	17.2	36.8	96.5	199	286	333	338	332	314	254	158	69.4	29.2	13.1	3.66	0.39	2488	2259
40	0.98	6.72	19.0	47.4	154	305	424	495	521	509	469	382	253	104	34.5	14.5	4.08	0.44	3743	3569
30	1.02	7.13	20.2	60.0	208	401	554	674	731	712	633	498	322	133	38.1	15.3	4.31	0.48	5013	4862
20	1.03	7.28	20.6	68.1	245	478	688	868	969	945	807	595	365	144	37.4	15.2	4.31	0.49	6258	6120
10	1.03	7.24	20.3	66.3	248	504	773	1026	1185	1171	968	664	381	144	35.7	15.0	4.28	0.48	7215	7076
0	1.01	7.01	19.5	54.3	212	456	754	1095	1330	1312	1032	650	355	128	33.8	14.8	4.22	0.47	7459	7311
-10	0.97	6.53	18.1	39.4	149	353	626	953	1189	1156	864	537	276	89.5	29.9	13.9	3.95	0.44	6306	6132
-20	0.92	5.81	16.2	31.0	78.5	224	410	620	793	770	562	347	165	53.4	26.2	12.3	3.51	0.38	4119	3904
-30	0.86	4.86	13.9	26.0	43.1	101	209	302	361	350	272	170	76.8	38.2	22.2	10.2	2.98	0.31	2005	1688
-40	0.78	3.79	11.1	21.0	33.0	48.0	73.6	103	121	117	93.1	66.2	45.0	29.5	17.4	7.47	2.36	0.24	794	183
-50	0.69	2.98	7.47	15.1	23.0	32.2	40.7	45.1	45.8	45.3	43.5	38.0	28.6	19.3	10.9	5.13	1.56	0.19	406	0.00
-60	0.58	2.30	4.76	8.07	12.4	16.7	20.1	22.0	22.3	21.9	20.6	18.0	14.0	9.57	5.91	2.77	0.82	0.16	203	0.00
-70	0.46	1.49	2.65	3.85	4.87	5.66	5.87	5.27	4.17	3.93	4.57	4.87	4.29	3.06	1.86	0.99	0.48	0.15	58.5	0.00
-80	0.46	1.49	2.65	3.85	4.87	5.66	5.87	5.27	4.17	3.93	4.57	4.87	4.29	3.06	1.86	0.99	0.48	0.15	58.5	0.00
-90	0.46	1.49	2.65	3.85	4.87	5.66	5.87	5.27	4.17	3.93	4.57	4.87	4.29	3.06	1.86	0.99	0.48	0.15	58.5	0.00
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL(DEG) 20 30 40 50 60 70 80 90																				
Φ t	14.7	85.4	234	559	1636	3325	5146	6875	7947	7772	6387	4465	2606	1069	387	170	49.3	5.75	48732	---
Φ a	0.00	0.00	0.00	99.0	1274	3011	4852	6593	7673	7492	6095	4156	2265	582	0.00	0.00	0.00	0.00	---	44092

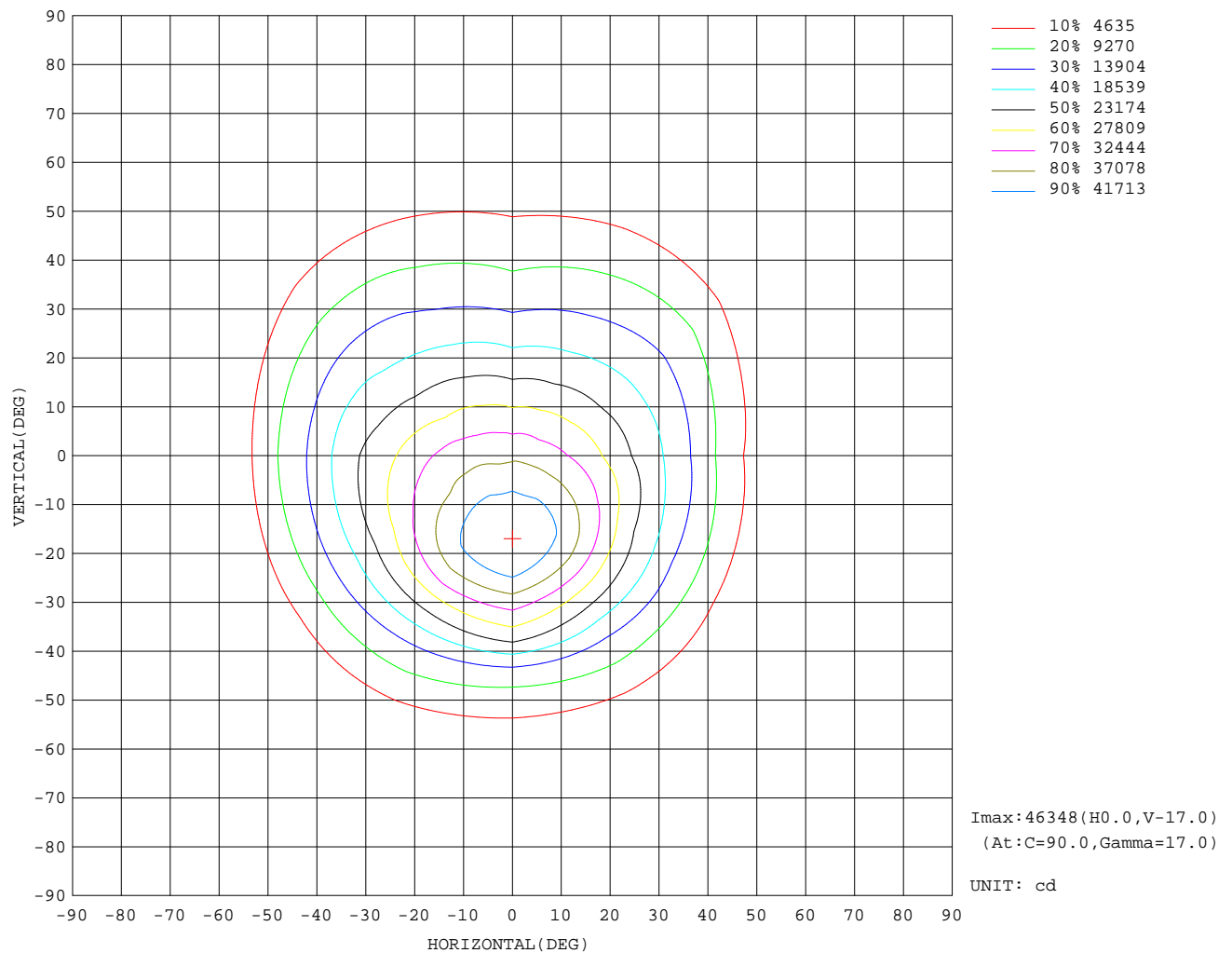
one-half-peak spread: U:21.3,D:32.9 , L:35.6,R:33.3

NEMA Beam Type: Type 6

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:1
 Test Date:2022-01-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity:65.0%
 Test Distance:9.886m [K=1.0000]
 Remarks:

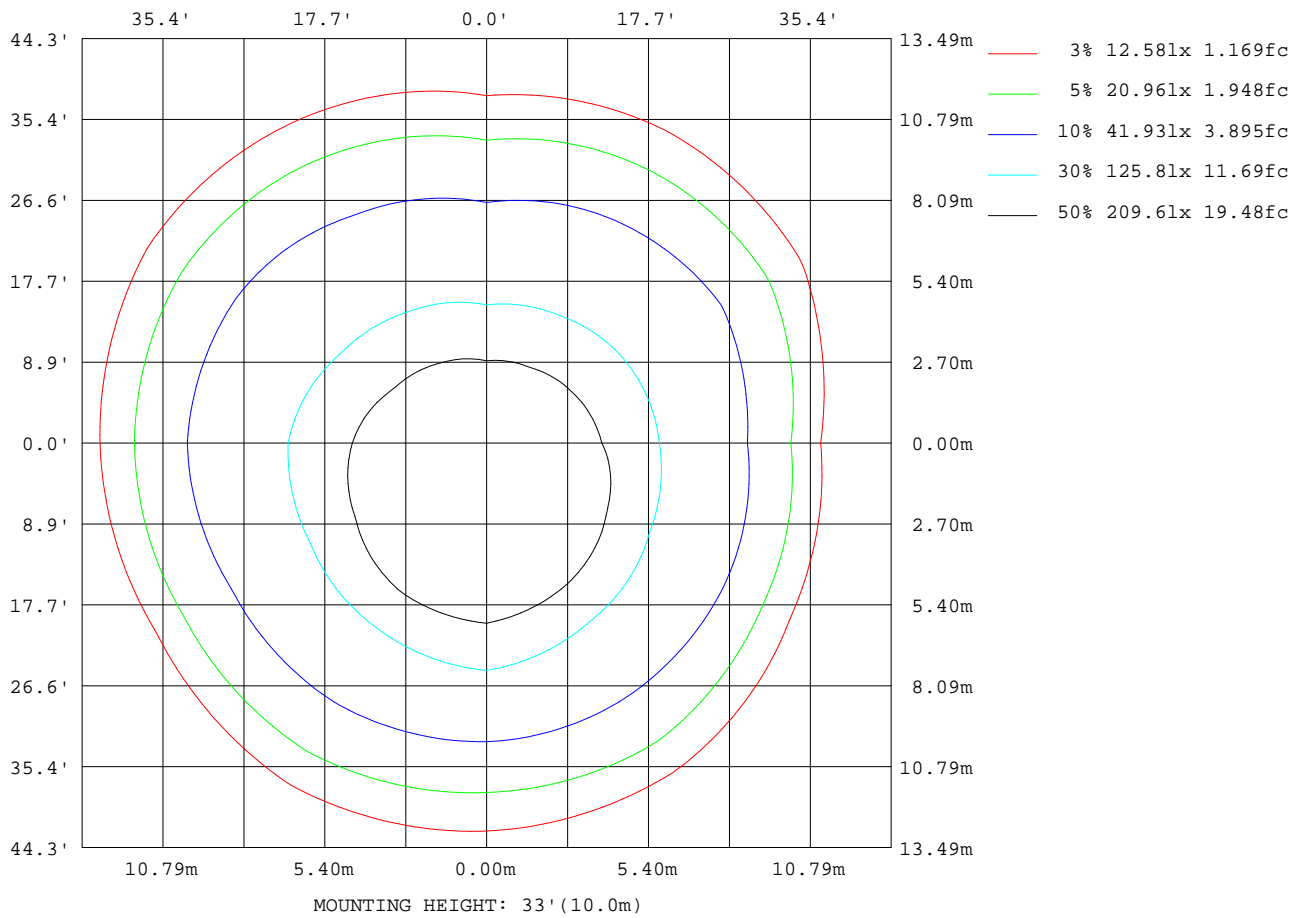
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: 1
Test Date: 2022-01-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity: 65.0%
Test Distance: 9.886m [K=1.0000]
Remarks:

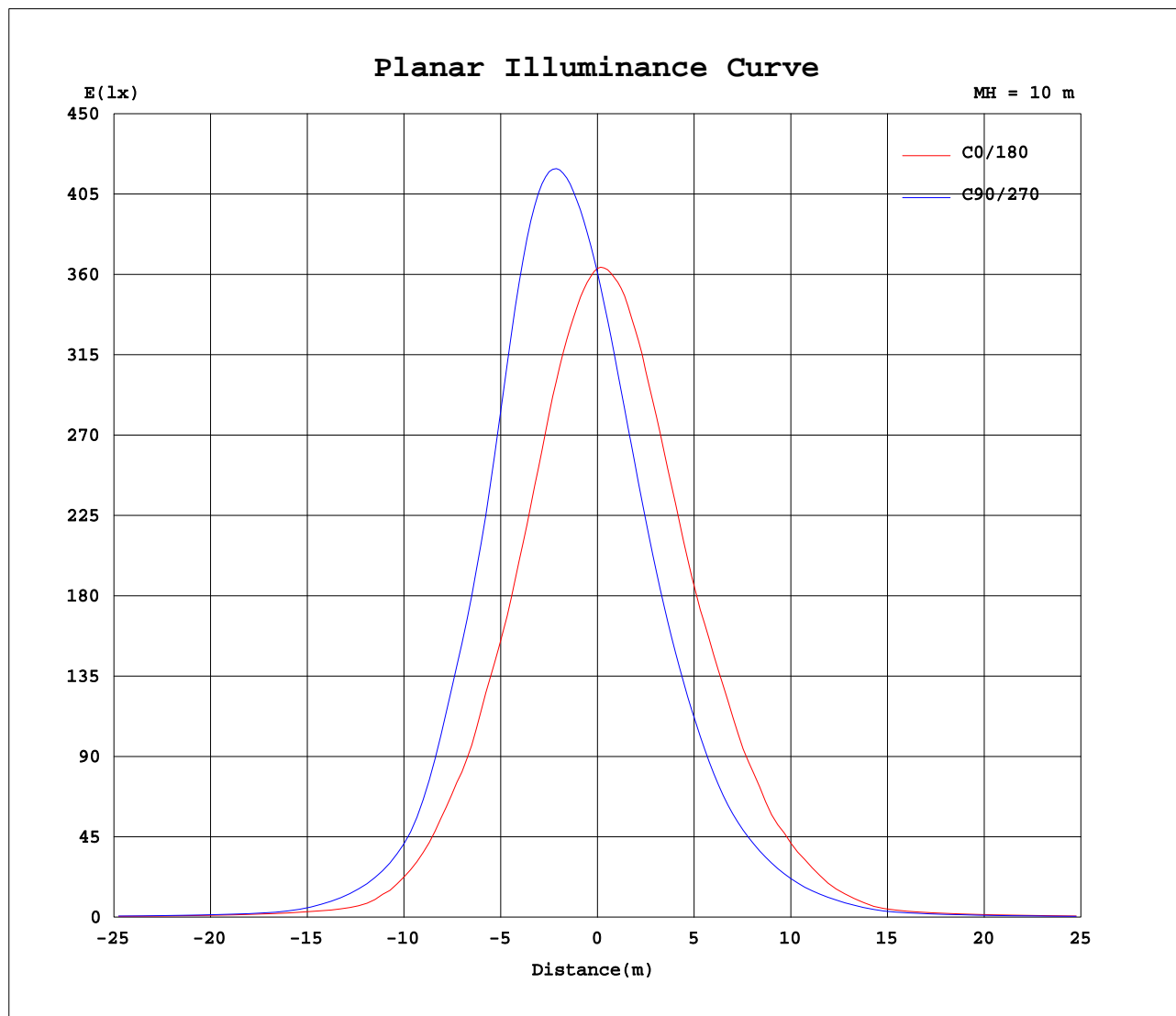
ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: 1
Test Date: 2022-01-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity: 65.0%
Test Distance: 9.886m [K=1.0000]
Remarks:

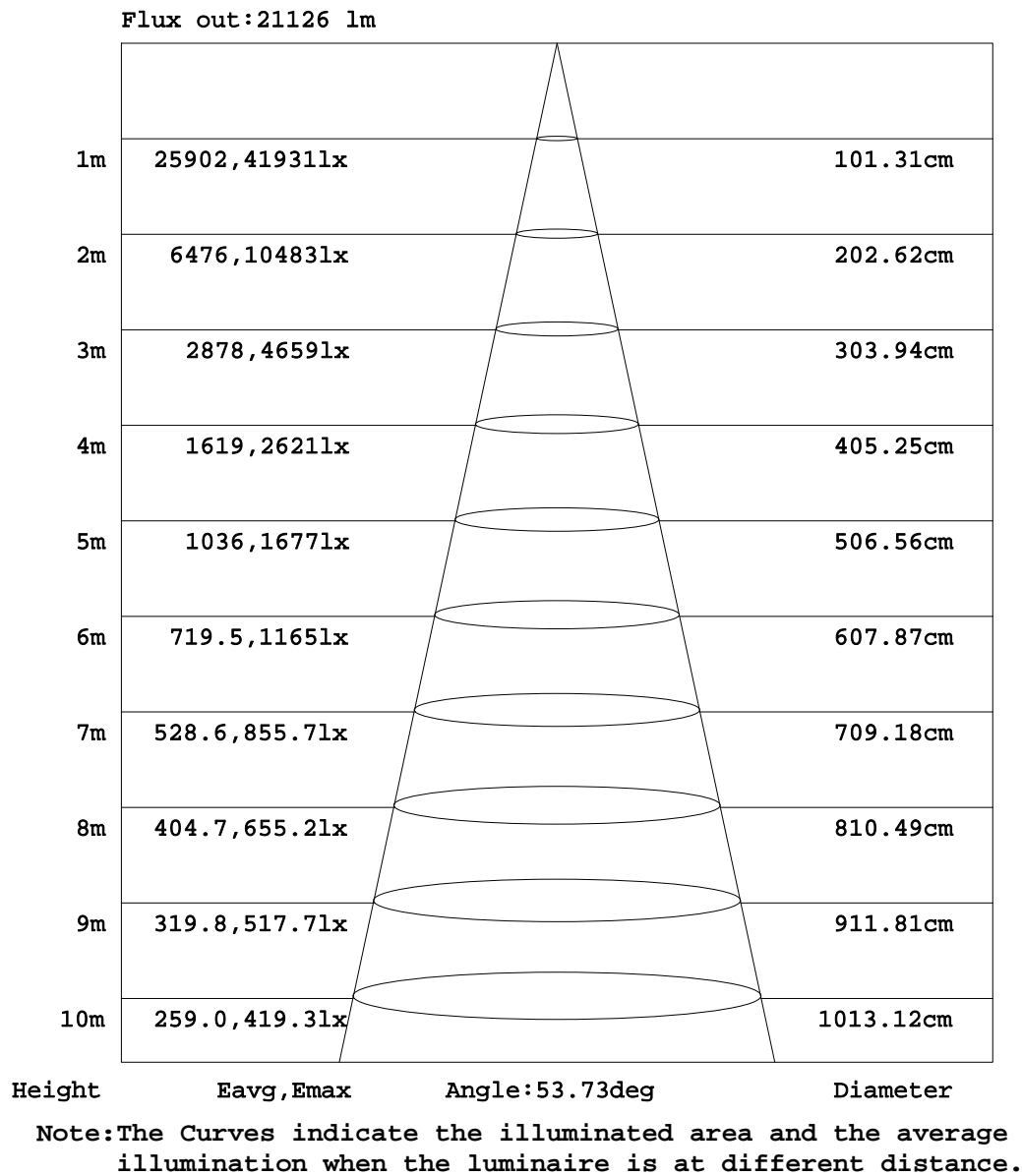
Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: 1
Test Date: 2022-01-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity: 65.0%
Test Distance: 9.886m [K=1.0000]
Remarks:

AAI Figure



C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: 1
 Test Date: 2022-01-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity: 65.0%
 Test Distance: 9.886m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: ×10cd

H(°) \ V(°)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-180	16.1	4.64	3.92	3.26	3.07	3.55	4.52	5.73	7.40	9.37	11.5	13.8	16.3	19.0	21.7	24.2	26.3	27.9	28.9
-170	16.1	4.66	3.89	3.24	3.03	3.45	4.32	5.38	6.83	8.51	10.3	12.1	13.9	15.8	17.5	19.0	20.6	21.8	22.5
-160	16.1	4.75	3.89	3.27	2.98	3.27	3.95	4.79	5.91	7.21	8.56	9.86	11.1	12.6	14.1	15.5	16.6	17.4	17.7
-150	16.1	4.89	3.94	3.36	2.96	3.04	3.48	4.10	4.85	5.75	6.71	7.79	8.86	9.89	10.8	11.7	12.4	12.9	13.1
-140	16.1	5.19	4.05	3.54	3.03	2.87	3.09	3.44	3.87	4.42	5.09	5.82	6.55	7.22	7.82	8.36	8.78	9.05	9.15
-130	16.1	5.80	4.25	3.72	3.24	2.90	2.79	2.94	3.17	3.35	3.67	4.05	4.44	4.83	5.20	5.51	5.75	5.90	5.94
-120	16.1	7.06	4.54	4.00	3.58	3.17	2.87	2.68	2.57	2.57	2.63	2.71	2.80	2.95	3.13	3.28	3.38	3.44	3.45
-110	16.1	8.96	5.42	4.45	4.06	3.70	3.36	2.98	2.64	2.41	2.22	2.06	1.94	1.89	1.88	1.87	1.86	1.84	1.81
-100	16.1	11.6	8.40	6.23	5.08	4.60	4.28	3.89	3.50	3.12	2.76	2.42	2.10	1.84	1.62	1.43	1.24	1.06	0.89
-90	16.1	15.3	14.4	13.6	12.7	11.8	11.0	10.7	10.4	10.1	9.78	9.49	9.19	7.75	6.31	4.87	3.43	1.99	0.55
-80	16.1	18.9	21.5	23.9	26.5	29.1	31.7	33.2	34.2	35.0	37.0	39.6	42.6	42.7	41.4	39.8	37.9	35.5	32.7
-70	16.1	22.2	27.8	33.3	38.4	43.8	51.3	64.9	76.1	82.7	88.9	96.8	103	107	111	114	115	115	113
-60	16.1	25.2	33.3	40.6	51.3	72.9	90.9	104	117	130	147	162	176	185	189	193	195	194	191
-50	16.1	27.8	37.7	50.0	75.9	97.7	117	134	153	173	195	232	315	440	552	633	686	711	708
-40	16.1	30.1	41.1	64.8	93.0	117	140	161	184	220	383	634	874	1097	1292	1489	1699	1872	1973
-30	16.1	31.8	45.3	76.1	105	131	159	190	246	495	822	1135	1522	1896	2308	2709	3061	3315	3460
-20	16.1	33.0	49.0	84.4	115	144	177	229	465	850	1211	1636	2074	2562	3104	3669	4132	4387	4581
-10	16.1	33.8	51.4	88.3	120	152	192	289	651	1083	1512	1957	2401	2822	3267	3655	4013	4266	4361
0	16.1	34.0	52.3	89.3	121	155	200	326	724	1176	1623	2039	2403	2696	3024	3303	3515	3623	3634
10	16.1	33.8	52.0	89.3	121	154	202	319	664	1059	1426	1788	2054	2252	2442	2595	2758	2805	2766
20	16.1	33.1	49.8	86.3	117	150	192	274	519	850	1165	1423	1652	1778	1890	1995	2060	2064	1993
30	16.1	32.0	46.0	78.3	110	138	172	224	345	575	815	1012	1177	1292	1363	1391	1417	1402	1343
40	16.1	30.4	41.8	68.1	97.8	122	152	184	232	312	441	596	717	801	856	888	895	874	826
50	16.1	28.2	38.1	53.0	80.9	104	125	149	167	189	216	254	308	369	419	448	457	447	422
60	16.1	25.6	34.0	41.8	56.8	81.1	101	114	123	131	142	148	156	160	164	165	163	158	150
70	16.1	22.8	28.6	34.4	39.6	47.0	60.1	72.9	80.6	85.5	87.4	88.1	90.7	93.1	93.2	93.0	91.9	89.7	86.5
80	16.1	19.5	22.6	25.4	28.1	31.0	34.1	34.1	34.2	34.5	35.3	36.0	36.4	35.8	34.5	32.8	30.6	28.1	25.2
90	16.1	15.9	15.7	15.5	15.3	15.1	14.9	14.2	13.5	12.7	12.0	11.3	10.6	8.94	7.29	5.64	3.99	2.34	0.69
100	16.1	12.1	9.10	6.87	5.42	4.72	4.50	4.08	3.73	3.43	3.15	2.88	2.64	2.39	2.17	1.98	1.81	1.64	1.48
110	16.1	9.30	5.59	4.55	4.12	3.84	3.55	3.24	2.98	2.83	2.77	2.76	2.79	2.90	3.06	3.23	3.39	3.53	3.63
120	16.1	7.26	4.60	4.06	3.69	3.35	3.12	3.04	3.08	3.29	3.65	4.08	4.57	5.16	5.79	6.37	6.89	7.32	7.63
130	16.1	5.89	4.28	3.80	3.37	3.11	3.10	3.40	3.94	4.58	5.44	6.48	7.64	8.89	10.0	11.0	11.9	12.6	13.1
140	16.1	5.21	4.08	3.61	3.17	3.09	3.45	4.13	4.96	6.13	7.64	9.35	11.2	13.1	14.9	16.2	17.3	18.1	18.7
150	16.1	4.90	3.97	3.42	3.08	3.25	3.93	4.86	6.12	7.75	9.72	12.0	14.4	16.8	19.0	20.9	22.0	22.8	23.3
160	16.1	4.76	3.91	3.32	3.08	3.44	4.32	5.46	7.06	9.07	11.4	13.9	16.5	19.1	21.6	23.7	25.3	26.1	26.5
170	16.1	4.67	3.90	3.27	3.08	3.56	4.53	5.79	7.53	9.63	12.0	14.5	17.2	20.0	22.6	24.9	26.6	27.7	27.7
180	16.1	4.64	3.92	3.26	3.07	3.55	4.52	5.73	7.40	9.37	11.5	13.8	16.3	19.0	21.7	24.2	26.3	27.9	28.8

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: 1
 Test Date: 2022-01-17

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.421
 Humidity: 65.0%
 Test Distance: 9.886m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2

UNIT: ×10cd

H(DEG) V(DEG)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	
-180	28.3	27.1	25.2	23.0	20.3	17.6	14.9	12.6	10.5	8.48	6.64	5.09	3.98	3.26	2.96	3.16	3.85	5.10	
-170	22.8	22.6	21.6	20.0	17.9	15.6	13.5	11.5	9.64	7.89	6.25	4.86	3.87	3.21	2.95	3.17	3.86	5.10	
-160	17.9	17.6	17.0	15.9	14.4	12.8	11.2	9.78	8.31	6.90	5.56	4.43	3.65	3.11	2.96	3.22	3.91	5.10	
-150	13.2	13.1	12.5	11.9	11.0	9.96	8.89	7.79	6.73	5.69	4.70	3.92	3.38	2.97	2.98	3.30	3.99	5.10	
-140	9.23	9.12	8.84	8.39	7.89	7.29	6.60	5.90	5.18	4.49	3.89	3.44	3.09	2.90	3.04	3.42	4.11	5.10	
-130	6.00	5.96	5.81	5.57	5.28	4.95	4.58	4.19	3.82	3.51	3.29	3.05	2.88	2.96	3.16	3.59	4.26	5.10	
-120	3.51	3.52	3.48	3.39	3.26	3.13	3.02	2.93	2.88	2.85	2.86	2.84	2.96	3.11	3.42	3.83	4.45	5.10	
-110	1.88	1.93	1.97	2.00	2.03	2.09	2.19	2.30	2.45	2.65	2.86	3.07	3.25	3.50	3.80	4.22	4.66	5.10	
-100	1.07	1.26	1.45	1.65	1.86	2.11	2.35	2.60	2.86	3.15	3.46	3.78	3.99	4.24	4.48	4.69	4.89	5.10	
-90	1.32	2.08	2.85	3.62	4.38	5.15	5.21	5.27	5.33	5.39	5.45	5.51	5.44	5.37	5.31	5.24	5.17	5.10	
-80	34.3	35.3	35.7	35.3	34.0	33.3	31.1	28.9	26.6	24.0	20.4	16.0	11.9	9.01	7.14	6.10	5.58	5.10	
-70	113	111	108	103	97.0	89.8	85.0	74.2	60.9	53.3	47.3	39.8	30.4	21.9	13.2	7.94	5.96	5.10	
-60	193	193	190	187	182	167	146	130	114	100	84.0	60.4	46.7	36.3	23.8	11.6	6.45	5.10	
-50	682	629	548	449	344	263	211	182	157	133	113	93.5	67.6	45.9	33.2	17.8	7.09	5.10	
-40	1816	1593	1350	1131	915	675	440	262	192	163	139	114	88.2	57.3	40.1	23.1	7.88	5.10	
-30	3207	2858	2449	2029	1603	1246	877	532	286	194	158	130	101	69.9	43.9	27.3	8.79	5.10	
-20	4302	3933	3377	2742	2192	1718	1286	872	483	246	177	142	111	78.2	46.2	29.9	9.51	5.10	
-10	4227	3937	3513	2988	2436	1957	1512	1064	624	300	191	147	115	81.9	47.6	31.2	9.85	5.10	
0	3513	3313	3019	2650	2266	1932	1482	1072	638	295	192	147	113	81.4	46.7	31.3	9.84	5.10	
10	2742	2639	2463	2234	2000	1718	1410	1018	640	326	209	152	117	83.0	48.7	31.4	9.99	5.10	
20	2005	1952	1873	1761	1609	1449	1160	871	532	302	200	150	114	80.1	47.4	30.3	9.77	5.10	
30	1380	1374	1325	1257	1153	1017	839	603	384	243	174	139	108	73.2	45.3	27.8	9.17	5.10	
40	856	860	837	779	694	578	448	334	238	184	153	123	91.8	62.9	40.3	23.9	8.33	5.10	
50	430	422	399	359	304	246	207	181	165	144	130	99.9	74.5	48.3	34.3	18.7	7.49	5.10	
60	154	156	156	153	148	141	132	124	115	103	91.6	69.1	48.4	37.8	25.1	13.0	6.80	5.10	
70	88.1	88.6	88.1	86.1	82.3	78.8	76.9	72.5	61.0	53.9	46.6	42.2	33.2	23.9	15.4	9.04	6.21	5.10	
80	26.7	27.9	28.7	29.0	28.9	28.0	26.8	26.1	25.2	24.6	23.3	20.7	15.6	11.3	8.34	6.64	5.70	5.10	
90	1.56	2.43	3.30	4.17	5.03	5.90	5.89	5.88	5.88	5.87	5.86	5.85	5.73	5.60	5.48	5.35	5.23	5.10	
100	1.65	1.82	1.99	2.17	2.37	2.61	2.81	3.03	3.25	3.51	3.79	4.09	4.29	4.47	4.62	4.78	4.95	5.10	
110	3.58	3.49	3.37	3.24	3.11	3.00	2.95	2.93	2.99	3.08	3.23	3.38	3.52	3.69	3.95	4.33	4.70	5.10	
120	7.44	7.14	6.74	6.26	5.72	5.12	4.59	4.15	3.77	3.49	3.31	3.22	3.22	3.30	3.56	3.92	4.49	5.10	
130	12.8	12.2	11.5	10.7	9.68	8.48	7.34	6.24	5.28	4.52	3.96	3.46	3.15	3.15	3.29	3.67	4.31	5.10	
140	18.3	17.6	16.7	15.6	14.0	12.2	10.5	8.81	7.21	5.85	4.74	3.97	3.38	3.08	3.15	3.49	4.15	5.10	
150	22.9	22.1	21.1	19.5	17.6	15.5	13.3	11.1	9.07	7.21	5.65	4.47	3.69	3.13	3.08	3.36	4.02	5.10	
160	25.9	25.0	23.8	22.1	20.1	17.7	15.2	12.7	10.4	8.25	6.38	4.90	3.91	3.23	3.04	3.25	3.93	5.10	
170	27.1	26.3	25.1	23.4	21.1	18.4	15.7	13.2	10.8	8.69	6.74	5.14	4.01	3.28	2.99	3.19	3.87	5.10	
180	28.3	27.1	25.2	23.0	20.3	17.6	14.9	12.6	10.5	8.48	6.64	5.09	3.98	3.26	2.96	3.16	3.85	5.10	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: 1
Test Date: 2022-01-17

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.421
Humidity: 65.0%
Test Distance: 9.886m [K=1.0000]
Remarks: