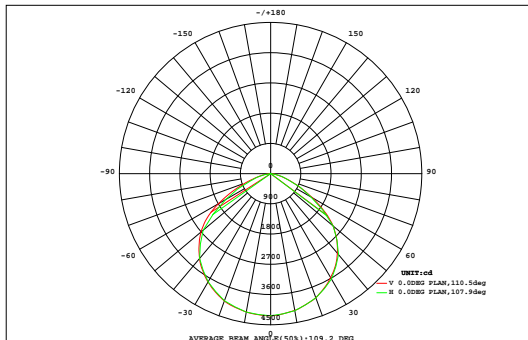


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.2V I:0.3663A P:79.81W PF:0.9896 Lamp Flux:11110.7x1 lm		
NAME: EV75B1204	TYPE:	WEIGHT:4.27KG
SPEC.:	DIM.: 368*333*74mm	SERIAL No.:1
MFR.: Integratech	SUR.:272*170mm	PROTECTION ANGLE:



DATA OF LAMP		Eff:139.22lm/W	
MODEL	EV75B1204	Imax(cd)	4232
NOMINAL POWER(W)	75	AVAILABILITY(%)	97.7
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	10859
NOMINAL FLUX(lm)	11110.7	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	11111
TEST VOLTAGE(V)	220	θ @50%(H,V)	111,108DEG

VERTICAL(DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	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	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	0.00
80	0.03	0.25	1.06	2.53	4.49	6.51	8.34	9.76	10.5	10.6	9.84	8.47	6.69	4.69	2.75	1.20	0.33	0.03	88.1	22.2
70	0.04	0.65	2.40	5.64	10.4	15.9	21.3	25.6	27.9	27.7	25.1	20.9	15.7	10.4	5.85	2.55	0.72	0.06	219	195
60	0.08	1.11	4.29	10.8	20.7	32.6	44.0	52.5	56.7	56.2	51.1	42.1	30.9	19.8	10.7	4.42	1.18	0.10	439	429
50	0.12	1.61	6.67	17.5	34.1	52.4	68.3	79.6	85.3	84.8	78.3	66.0	49.5	31.8	16.7	6.68	1.71	0.14	681	675
40	0.17	2.17	9.30	25.0	46.9	67.6	84.6	96.6	103	102	95.5	82.8	65.3	43.8	23.1	9.05	2.23	0.18	860	855
30	0.20	2.65	11.8	31.5	55.4	76.8	94.9	108	115	114	107	93.3	74.9	52.9	29.1	11.3	2.71	0.22	981	978
20	0.23	3.06	13.9	36.1	60.5	83.0	102	116	122	122	114	100	80.9	58.2	33.3	12.9	3.05	0.24	1062	1059
10	0.25	3.29	15.0	38.2	63.1	86.2	106	120	127	127	119	104	84.3	61.0	35.8	13.9	3.27	0.26	1106	1103
0	0.25	3.35	15.3	38.6	63.5	86.7	106	120	127	127	119	105	84.6	61.3	35.9	13.9	3.26	0.25	1112	1109
-10	0.24	3.17	14.3	36.7	61.5	84.3	103	117	124	124	116	102	82.3	59.5	34.2	13.2	3.12	0.25	1080	1077
-20	0.22	2.84	12.6	32.8	57.1	79.0	97.5	111	117	117	110	95.5	76.9	54.7	30.1	11.5	2.74	0.22	1009	1005
-30	0.19	2.36	10.0	26.5	49.1	70.3	87.7	100	106	106	99.0	85.9	68.3	46.7	24.4	9.41	2.30	0.19	895	890
-40	0.15	1.83	7.43	19.3	37.2	56.5	72.8	84.3	90.1	89.7	83.1	70.8	54.1	34.5	17.7	6.94	1.76	0.15	728	723
-50	0.12	1.28	4.88	12.1	23.2	36.7	50.0	59.7	64.5	64.0	58.4	48.1	34.8	21.8	11.5	4.66	1.25	0.12	497	488
-60	0.09	0.83	2.85	6.60	12.0	18.3	24.4	29.4	32.2	32.0	29.0	23.8	17.6	11.4	6.22	2.65	0.77	0.09	250	231
-70	0.06	0.42	1.36	2.92	4.95	6.98	8.73	10.1	10.9	10.9	10.1	8.58	6.62	4.56	2.62	1.20	0.40	0.07	91.5	19.2
-80	0.03	0.10	0.32	0.65	0.96	1.17	1.26	1.24	1.19	1.12	1.07	0.97	0.81	0.58	0.36	0.17	0.07	0.03	12.1	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	0.00
-90 -80 -70 -60 -50 -40 -30 -20 HORIZONTAL(DEG) 20 30 40 50 60 70 80 90																				
Φ t	2.48	31.0	133	343	605	861	1081	1240	1321	1317	1225	1058	834	578	320	126	30.9	2.58	11111	---
Φ a	0.00	11.7	116	328	590	846	1067	1226	1307	1303	1212	1044	819	563	305	109	11.1	0.00	---	10859

one-half-peak spread: U:54.9,D:53.4 , L:56.3,R:54.6

NEMA Beam Type: Type 7

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-6-2

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:11.710m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:220.2V I:0.3663A P:79.81W PF:0.9896 Lamp Flux:11110.7x1 lm		
NAME: EV75B1204	TYPE:	WEIGHT:4.27KG
SPEC.:	DIM.: 368*333*74mm	SERIAL No.:1
MFR.: Integratech	SUR.:272*170mm	PROTECTION ANGLE:

Conical surface Flux(90deg):

6592.8 lm

%lum = 59.4%

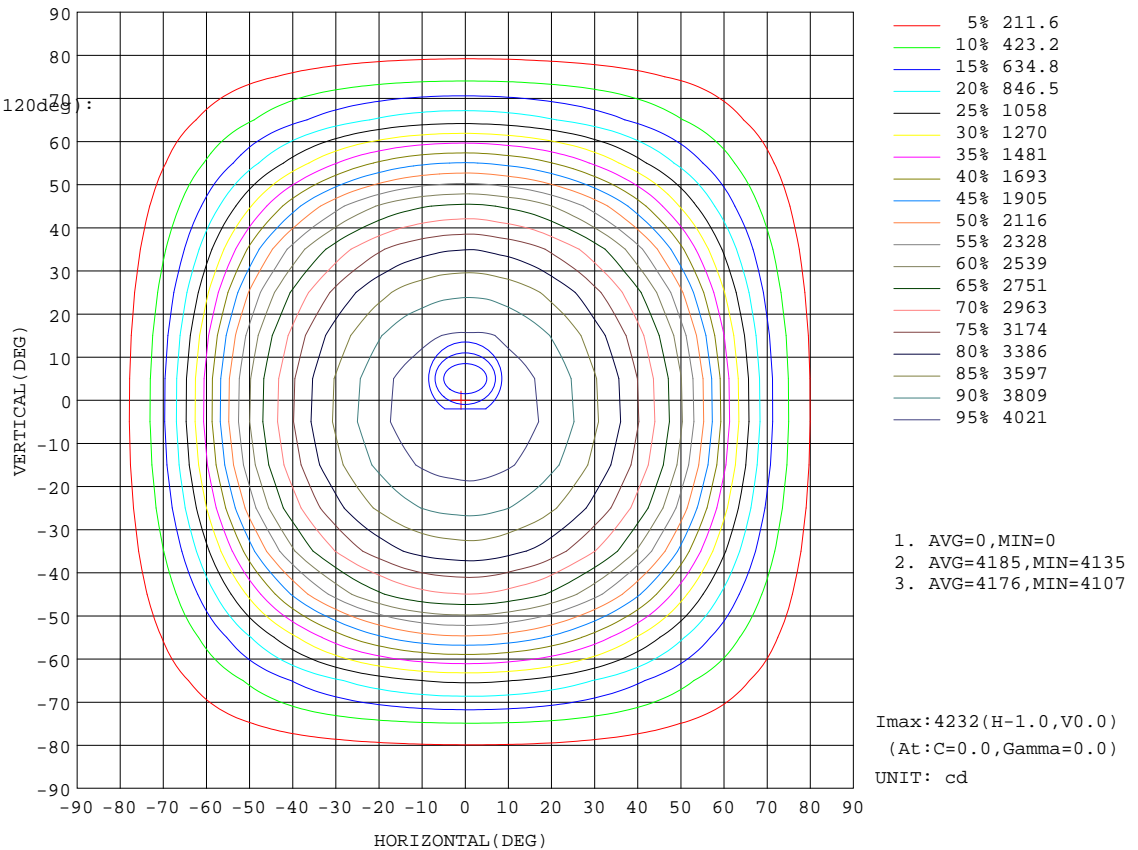
%lamp = 59.3%

Conical surface Flux(120deg):

9537.9 lm

%lum = 85.9%

%lamp = 85.8%

H(β) Range:-90 - 90DEGH(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:

Test Date:2022-6-2

V(B) Range:-80 - 80DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290

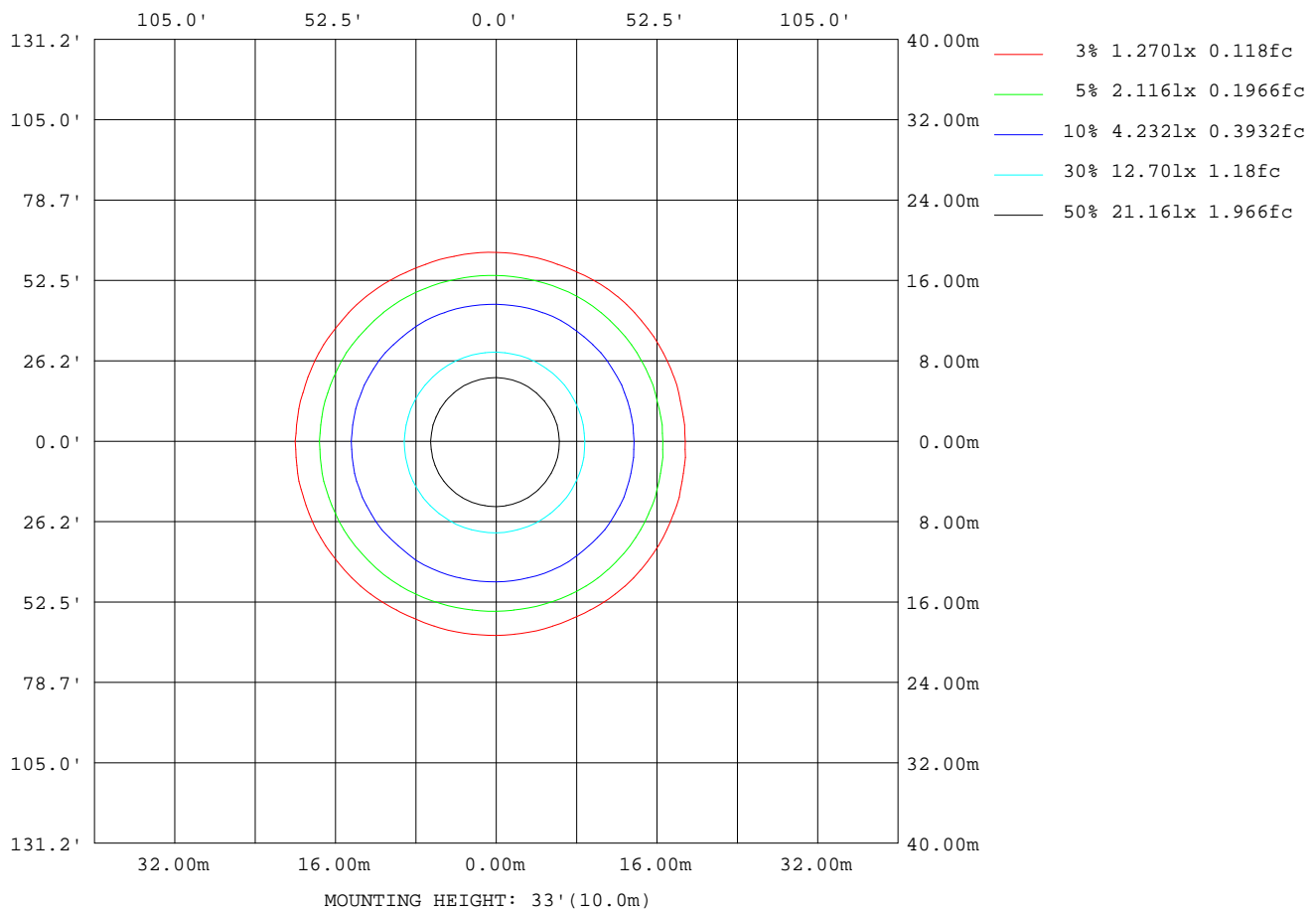
Humidity:65.0%

Test Distance:11.710m [K=1.0000]

Remarks:

ISOLUX DIAGRAM

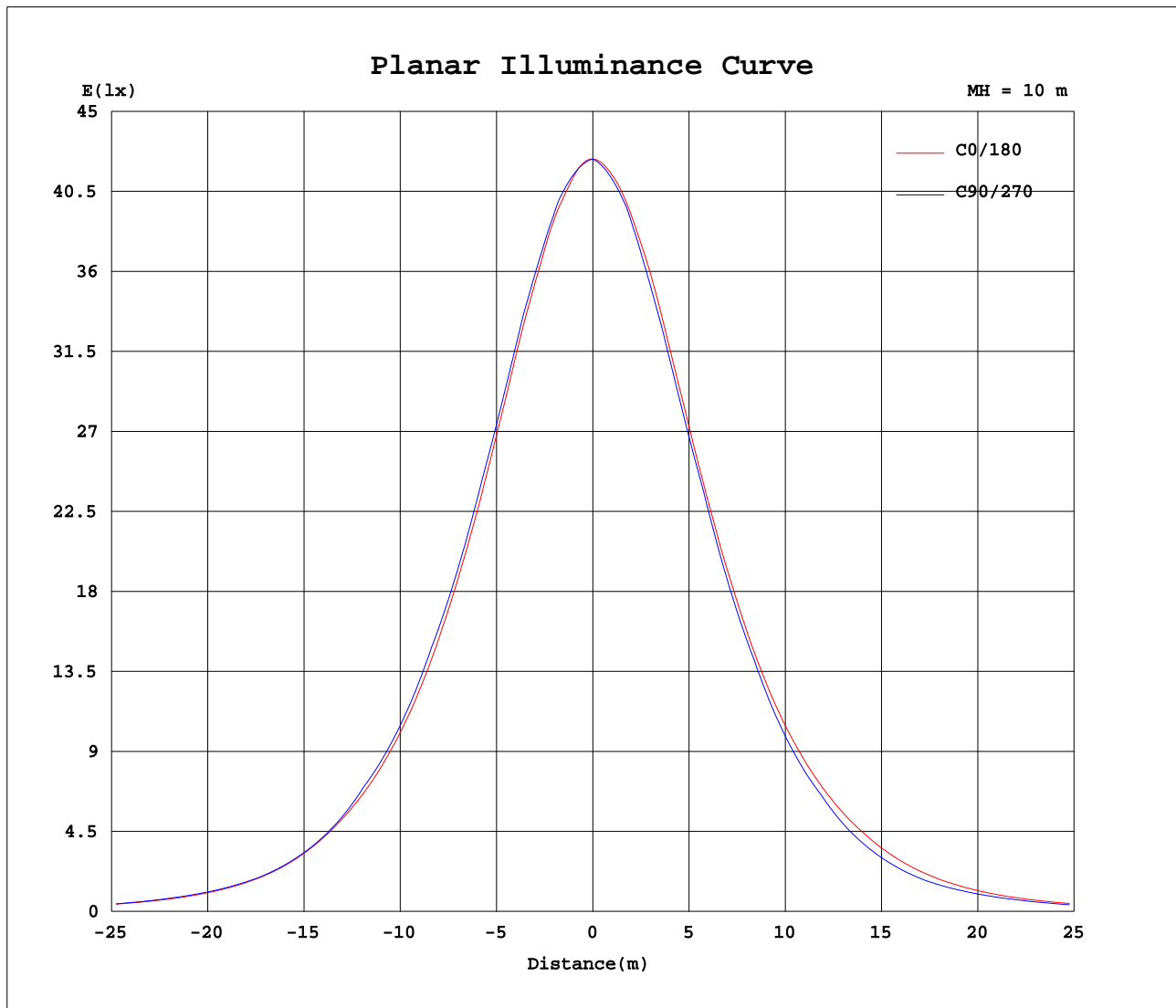
Test:U:220.2V I:0.3663A P:79.81W PF:0.9896 Lamp Flux:11110.7x1 lm		
NAME: EV75B1204	TYPE:	WEIGHT:4.27KG
SPEC.:	DIM.: 368*333*74mm	SERIAL No.:1
MFR.: Integrattech	SUR.:272*170mm	PROTECTION ANGLE:



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-6-2

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:11.710m [K=1.0000]
Remarks:

Planar Illuminance Curve

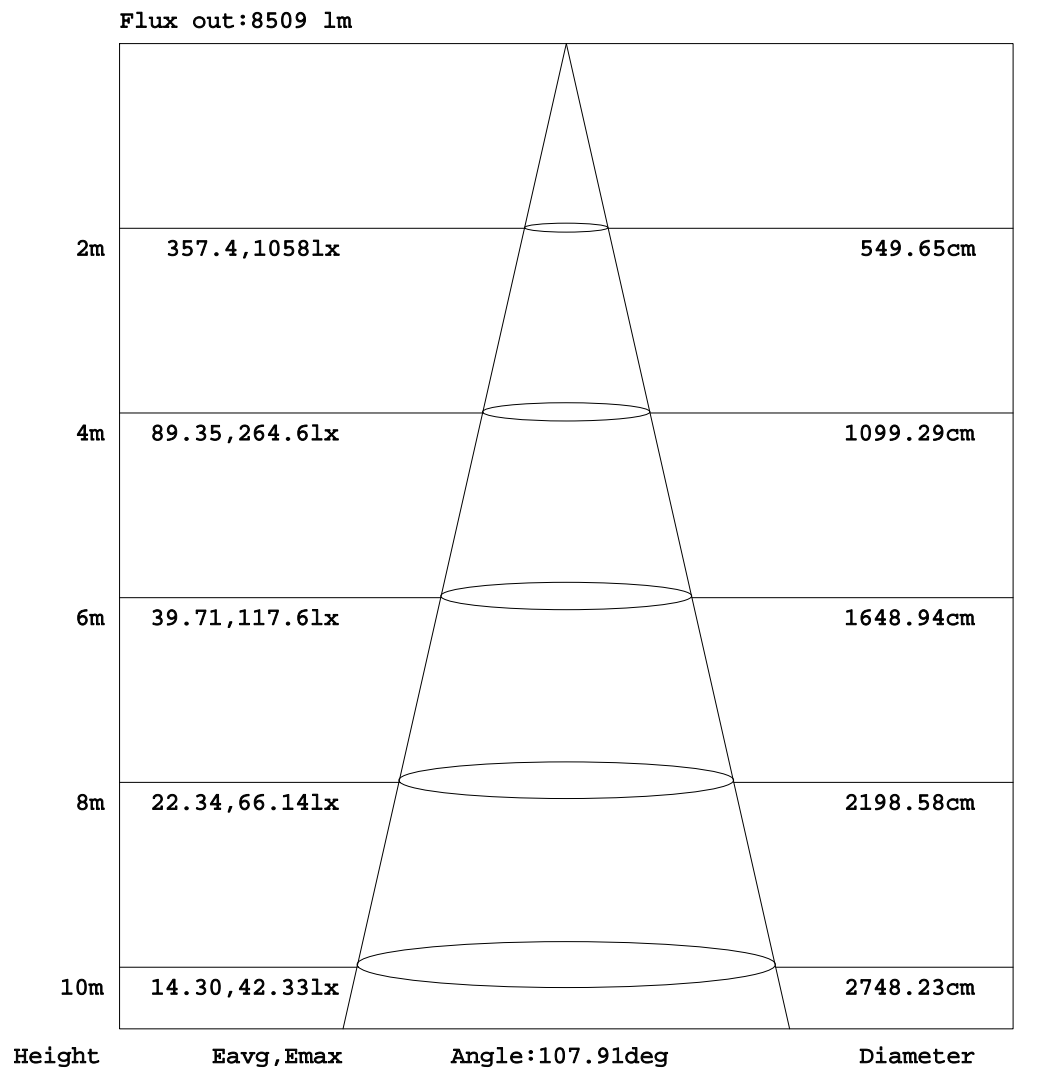


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-6-2

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:11.710m [K=1.0000]
Remarks:

AAI Figure

Test:U:220.2V I:0.3663A P:79.81W PF:0.9896 Lamp Flux:11110.7x1 lm		
NAME: EV75B1204	TYPE:	WEIGHT:4.27KG
SPEC.:	DIM.: 368*333*74mm	SERIAL No.:1
MFR.: Integrattech	SUR.:272*170mm	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: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-6-2

V(B) Range:-80 - 80DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290
Humidity:65.0%
Test Distance:11.710m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.2V I:0.3663A P:79.81W PF:0.9896 Lamp Flux:11110.7x1 lm																	
NAME: EV75B1204									TYPE:						WEIGHT:4.27KG		
SPEC.:									DIM.: 368*333*74mm						SERIAL No.:1		
MFR.: Integratech									SUR.:272*170mm						PROTECTION ANGLE:		

Table--1

UNIT: cd

H(DEC)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
V(DEC)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-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
-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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-80	20.1	22.7	23.0	29.8	45.9	65.2	85.8	105	124	140	154	165	173	179	184	187	188	187	187
-75	18.9	21.4	26.6	44.2	69.7	99.5	132	168	205	242	275	306	332	356	376	392	405	413	417
-70	19.0	22.5	41.9	77.8	117	159	206	260	317	371	422	469	510	549	582	609	629	642	647
-65	17.5	20.7	41.5	86.2	138	200	275	360	452	548	643	735	820	898	963	1019	1059	1086	1094
-60	17.8	27.0	74.9	134	205	299	410	533	664	801	938	1070	1192	1304	1392	1466	1514	1538	1541
-55	16.2	20.5	63.7	133	219	336	480	646	834	1030	1226	1418	1591	1749	1873	1968	2036	2077	2085
-50	16.6	34.6	107	194	321	482	678	907	1159	1417	1669	1910	2125	2302	2438	2534	2596	2627	2625
-45	15.2	21.8	87.6	183	317	503	736	1014	1319	1632	1930	2187	2399	2585	2720	2830	2903	2944	2960
-40	15.8	45.1	140	267	450	697	1007	1361	1729	2094	2408	2643	2835	2985	3097	3193	3251	3276	3293
-35	14.4	23.6	110	233	419	676	1011	1402	1812	2193	2510	2763	2970	3140	3268	3375	3448	3486	3506
-30	15.1	53.6	166	333	573	904	1319	1763	2211	2564	2828	3056	3248	3405	3529	3624	3683	3714	3723
-25	13.8	25.6	128	278	511	840	1270	1746	2210	2577	2866	3113	3317	3492	3630	3738	3813	3857	3874
-20	14.4	65.7	192	389	686	1099	1595	2107	2521	2840	3104	3347	3530	3699	3822	3919	3986	4015	4026
-15	12.9	27.1	140	312	578	964	1458	1985	2444	2785	3072	3330	3532	3713	3852	3966	4041	4085	4106
-10	13.3	72.1	204	422	746	1207	1741	2266	2650	2971	3251	3488	3687	3845	3980	4079	4141	4172	4186
-5	11.9	28.6	146	329	612	1029	1551	2098	2537	2875	3164	3423	3630	3809	3955	4068	4140	4183	4208
0	12.1	76.3	211	433	776	1257	1802	2318	2705	3016	3295	3528	3726	3891	4032	4117	4182	4216	4232
5	10.9	29.1	144	326	607	1022	1542	2085	2521	2860	3147	3404	3613	3786	3935	4051	4119	4164	4188
10	11.1	71.3	200	415	734	1190	1720	2234	2624	2938	3216	3454	3640	3809	3944	4043	4099	4139	4144
15	10.0	27.2	136	305	564	942	1430	1950	2395	2735	3020	3271	3481	3649	3793	3907	3978	4024	4039
20	10.3	66.2	185	377	665	1068	1556	2054	2457	2765	3038	3265	3460	3616	3735	3838	3902	3930	3933
25	9.49	22.9	121	268	492	809	1230	1696	2139	2493	2781	3020	3228	3396	3534	3643	3713	3762	3778
30	9.77	54.2	157	319	548	864	1267	1703	2127	2459	2730	2951	3140	3297	3418	3515	3570	3609	3620
35	9.16	17.5	102	220	398	642	966	1346	1737	2097	2396	2640	2842	3008	3145	3249	3316	3363	3381
40	9.40	42.6	129	252	425	659	955	1295	1648	1989	2271	2498	2690	2835	2962	3038	3101	3134	3143
45	8.86	13.2	79.5	169	297	471	691	955	1245	1542	1816	2056	2256	2425	2559	2661	2731	2771	2788
50	9.07	25.9	94.8	178	297	447	630	843	1081	1324	1560	1779	1969	2127	2247	2343	2399	2427	2434
55	8.57	10.2	53.8	118	200	309	441	595	769	953	1136	1312	1472	1611	1719	1807	1866	1900	1912
60	8.74	14.4	61.7	118	185	270	372	481	604	729	857	979	1090	1188	1267	1327	1366	1385	1383
65	8.29	9.00	28.5	70.7	120	177	246	322	404	492	579	662	741	812	870	919	952	973	978
70	8.33	9.10	27.1	60.6	97.6	136	179	226	275	324	370	411	449	485	517	541	558	567	569
75	8.00	8.37	12.2	28.4	51.4	78.4	108	139	172	205	234	261	285	307	326	342	353	360	363
80	7.99	8.23	8.83	13.0	26.2	43.0	61.0	78.6	95.2	110	121	131	139	145	150	153	154	156	157
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	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

H(β) Range:-90 - 90DEG

H(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:

Test Date:2022-6-2

V(B) Range:-80 - 80DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290

Humidity:65.0%

Test Distance:11.710m [K=1.0000]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.2V I:0.3663A P:79.81W PF:0.9896 Lamp Flux:11110.7x1 lm																		
NAME: EV75B1204									TYPE:					WEIGHT:4.27KG				
SPEC.:									DIM.: 368*333*74mm					SERIAL No.:1				
MFR.: Integratech									SUR.:272*170mm					PROTECTION ANGLE:				

Table--2

UNIT: cd

H(°)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	
V(°)																			
-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	
-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	0.00	0.00	0.00	0.00	0.00	0.00	
-80	185	182	178	173	166	157	145	132	117	102	84.9	68.0	52.1	38.8	28.6	26.0	25.2	20.1	
-75	415	409	398	383	362	335	308	277	244	209	173	138	106	79.1	55.7	36.9	26.2	22.3	
-70	642	629	606	578	536	492	447	396	343	288	232	180	137	99.9	65.8	36.4	25.2	19.7	
-65	1089	1065	1029	978	915	838	755	665	572	479	387	301	224	159	106	62.5	29.0	21.9	
-60	1520	1478	1414	1330	1232	1118	992	861	727	597	472	358	256	172	110	56.0	24.9	19.2	
-55	2073	2030	1965	1872	1750	1602	1432	1251	1063	877	699	534	385	263	166	94.1	35.6	21.1	
-50	2600	2538	2447	2326	2154	1955	1729	1493	1249	1011	787	585	408	269	159	80.7	26.0	18.2	
-45	2946	2894	2822	2716	2569	2396	2184	1938	1652	1354	1066	802	570	381	234	125	43.5	20.1	
-40	3261	3193	3123	2997	2851	2678	2447	2166	1814	1460	1126	825	568	367	209	100	26.3	17.5	
-35	3495	3443	3374	3270	3129	2966	2766	2516	2208	1847	1451	1085	765	500	301	155	52.6	18.8	
-30	3697	3635	3557	3433	3282	3109	2894	2641	2324	1914	1471	1073	732	461	263	123	28.2	16.5	
-25	3860	3812	3734	3630	3486	3316	3120	2879	2594	2240	1792	1335	935	604	360	182	61.7	17.5	
-20	3990	3930	3840	3718	3560	3379	3160	2908	2603	2222	1735	1258	852	530	299	136	27.6	15.6	
-15	4090	4042	3962	3855	3715	3534	3333	3093	2810	2472	2034	1523	1063	683	403	201	70.9	15.9	
-10	4159	4095	4005	3888	3736	3532	3327	3066	2760	2398	1922	1398	947	589	327	148	29.7	14.3	
-5	4193	4140	4063	3958	3816	3634	3430	3188	2899	2566	2144	1616	1127	722	423	210	76.9	14.2	
0	4191	4134	4036	3928	3763	3572	3357	3090	2784	2425	1951	1419	959	591	329	146	28.6	12.8	
5	4175	4117	4043	3940	3794	3616	3413	3170	2879	2549	2129	1601	1117	717	420	208	76.7	12.6	
10	4119	4052	3969	3849	3691	3501	3287	3026	2730	2366	1887	1371	930	581	323	145	30.8	11.3	
15	4035	3980	3906	3799	3660	3479	3279	3039	2749	2420	1984	1484	1038	669	394	196	71.7	11.1	
20	3920	3853	3764	3650	3493	3306	3086	2834	2525	2155	1673	1216	827	515	290	130	25.2	10.1	
25	3767	3720	3644	3536	3401	3227	3030	2791	2500	2152	1717	1281	901	583	348	173	63.0	9.98	
30	3581	3533	3446	3321	3183	3002	2785	2533	2216	1818	1400	1023	702	444	252	116	21.8	9.08	
35	3361	3315	3245	3138	3003	2841	2640	2390	2087	1739	1369	1027	727	478	288	145	51.1	9.03	
40	3103	3047	2969	2849	2707	2532	2303	2022	1688	1360	1052	776	538	347	196	92.8	15.2	8.27	
45	2771	2718	2652	2543	2405	2235	2031	1791	1523	1249	989	748	534	360	218	114	36.4	8.26	
50	2398	2343	2256	2133	1976	1785	1573	1354	1136	925	724	541	381	251	145	71.7	12.1	7.64	
55	1894	1849	1788	1698	1584	1444	1291	1124	958	794	638	491	356	243	151	81.9	23.1	7.69	
60	1359	1315	1253	1175	1087	985	875	762	647	536	429	330	235	156	95.9	44.1	8.68	7.25	
65	968	944	906	859	803	737	667	589	510	431	353	277	205	144	92.6	48.8	12.9	7.36	
70	562	548	524	499	469	434	396	353	309	263	214	166	124	87.7	52.6	21.3	7.58	7.09	
75	361	356	344	330	314	294	272	247	219	190	158	125	94.1	67.1	42.3	20.9	8.41	7.27	
80	157	157	154	149	144	137	129	119	106	91.8	75.9	58.6	41.3	25.7	13.3	7.86	7.44	7.18	
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	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	

H(β) Range:-90 - 90DEG

H(β) Interval: 1.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:

Test Date:2022-6-2

V(B) Range:-80 - 80DEG

V(B) Interval: 5.0DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.290

Humidity:65.0%

Test Distance:11.710m [K=1.0000]

Remarks: