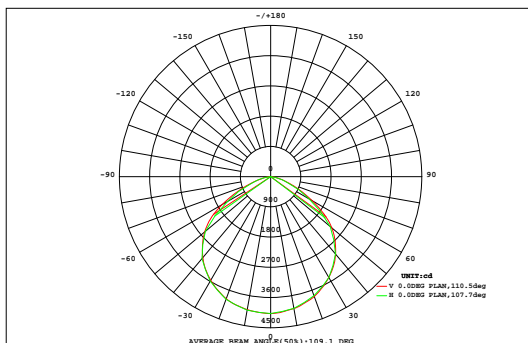


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.2V I:0.3611A P:79.66W PF:0.9893 Lamp Flux:10679.7x1 lm		
NAME: EV75B1203	TYPE:	WEIGHT:4.27KG
SPEC.:	DIM.: 368*333*74mm	SERIAL No.:1
MFR.: Integratech	SUR.:272*170mm	PROTECTION ANGLE:



DATA OF LAMP		Eff:134.06lm/W	
MODEL	EV75B1203	Imax(cd)	4075
NOMINAL POWER(W)	75	AVAILABILITY(%)	97.7
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	10437
NOMINAL FLUX(lm)	10679.7	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	10680
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	83.4	19.2
80	0.03	0.24	1.01	2.41	4.25	6.18	7.92	9.26	10.00	9.99	9.31	8.01	6.32	4.43	2.60	1.14	0.31	0.03	207	184
70	0.04	0.61	2.29	5.36	9.85	15.1	20.2	24.3	26.5	26.2	23.8	19.8	14.9	9.86	5.54	2.41	0.68	0.05	417	407
60	0.08	1.05	4.09	10.2	19.7	31.0	41.8	49.8	53.8	53.3	48.5	40.0	29.4	18.8	10.1	4.19	1.12	0.09	649	643
50	0.12	1.54	6.38	16.7	32.5	49.8	65.0	75.8	81.2	80.8	74.6	62.9	47.3	30.3	15.9	6.36	1.63	0.13	822	818
40	0.16	2.07	8.91	23.9	44.8	64.6	80.8	92.4	98.3	98.0	91.4	79.3	62.6	42.0	22.1	8.66	2.14	0.17	941	937
30	0.19	2.54	11.3	30.1	53.0	73.5	90.9	103	110	110	103	89.5	71.9	50.9	27.9	10.8	2.60	0.20	1020	1017
20	0.22	2.91	13.3	34.6	58.0	79.6	97.7	111	118	117	110	96.4	77.8	56.0	32.1	12.4	2.93	0.23	1064	1061
10	0.23	3.13	14.4	36.7	60.5	82.8	101	115	122	122	114	100	81.2	58.8	34.5	13.4	3.15	0.24	1071	1068
0	0.24	3.19	14.6	37.1	61.1	83.4	102	116	123	122	115	101	81.6	59.1	34.7	13.5	3.15	0.24	1042	1039
-10	0.22	3.02	13.7	35.3	59.2	81.2	99.7	113	120	120	112	98.3	79.4	57.5	33.1	12.8	3.02	0.24	974	970
-20	0.21	2.71	12.0	31.5	55.1	76.2	94.0	107	113	113	106	92.3	74.3	52.9	29.2	11.2	2.67	0.21	864	860
-30	0.17	2.24	9.57	25.4	47.4	67.8	84.6	96.6	103	102	95.7	83.0	66.0	45.2	23.7	9.17	2.25	0.18	704	698
-40	0.14	1.73	7.07	18.4	35.7	54.5	70.3	81.4	87.0	86.7	80.3	68.5	52.3	33.5	17.2	6.78	1.73	0.15	480	472
-50	0.11	1.21	4.64	11.6	22.2	35.2	48.2	57.6	62.3	61.9	56.5	46.6	33.8	21.3	11.3	4.58	1.23	0.12	242	224
-60	0.08	0.78	2.71	6.29	11.5	17.5	23.5	28.4	31.1	31.0	28.1	23.1	17.1	11.1	6.10	2.60	0.76	0.09	88.5	19.1
-70	0.06	0.40	1.29	2.77	4.72	6.69	8.39	9.72	10.5	10.6	9.83	8.35	6.47	4.47	2.58	1.19	0.40	0.07	11.7	0.00
-80	0.03	0.08	0.27	0.58	0.88	1.09	1.19	1.19	1.15	1.09	1.04	0.96	0.81	0.61	0.38	0.18	0.07	0.03	---	---
-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	---	---
Φ t	2.32	29.5	128	329	580	826	1038	1192	1270	1266	1179	1018	803	557	309	121	29.8	2.47	10680	---
Φ a	0.00	10.4	112	315	566	812	1024	1178	1256	1252	1165	1005	789	543	294	106	10.2	0.00	---	10437

one-half-peak spread: U:55.0,D:53.1 , L:56.7,R:54.2

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=0.9949]
Remarks:

ISOCANDELA DIAGRAM

Test:U:220.2V I:0.3611A P:79.66W PF:0.9893 Lamp Flux:10679.7x1 lm		
NAME: EV75B1203	TYPE:	WEIGHT:4.27KG
SPEC.:	DIM.: 368*333*74mm	SERIAL No.:1
MFR.: Integrattech	SUR.:272*170mm	PROTECTION ANGLE:

Conical surface Flux(90deg):

6342.1 lm

%lum = 59.5%

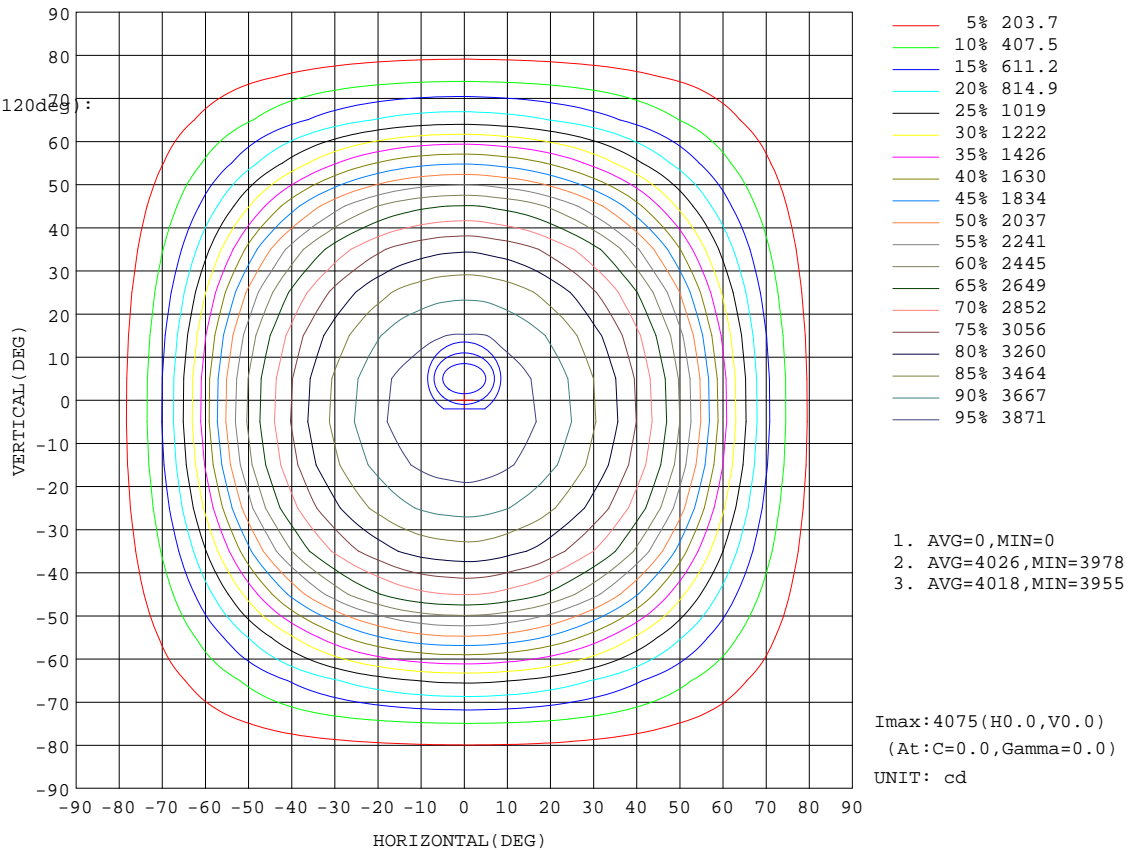
%lamp = 59.4%

Conical surface Flux(120deg):

9169.8 lm

%lum = 86.0%

%lamp = 85.9%



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

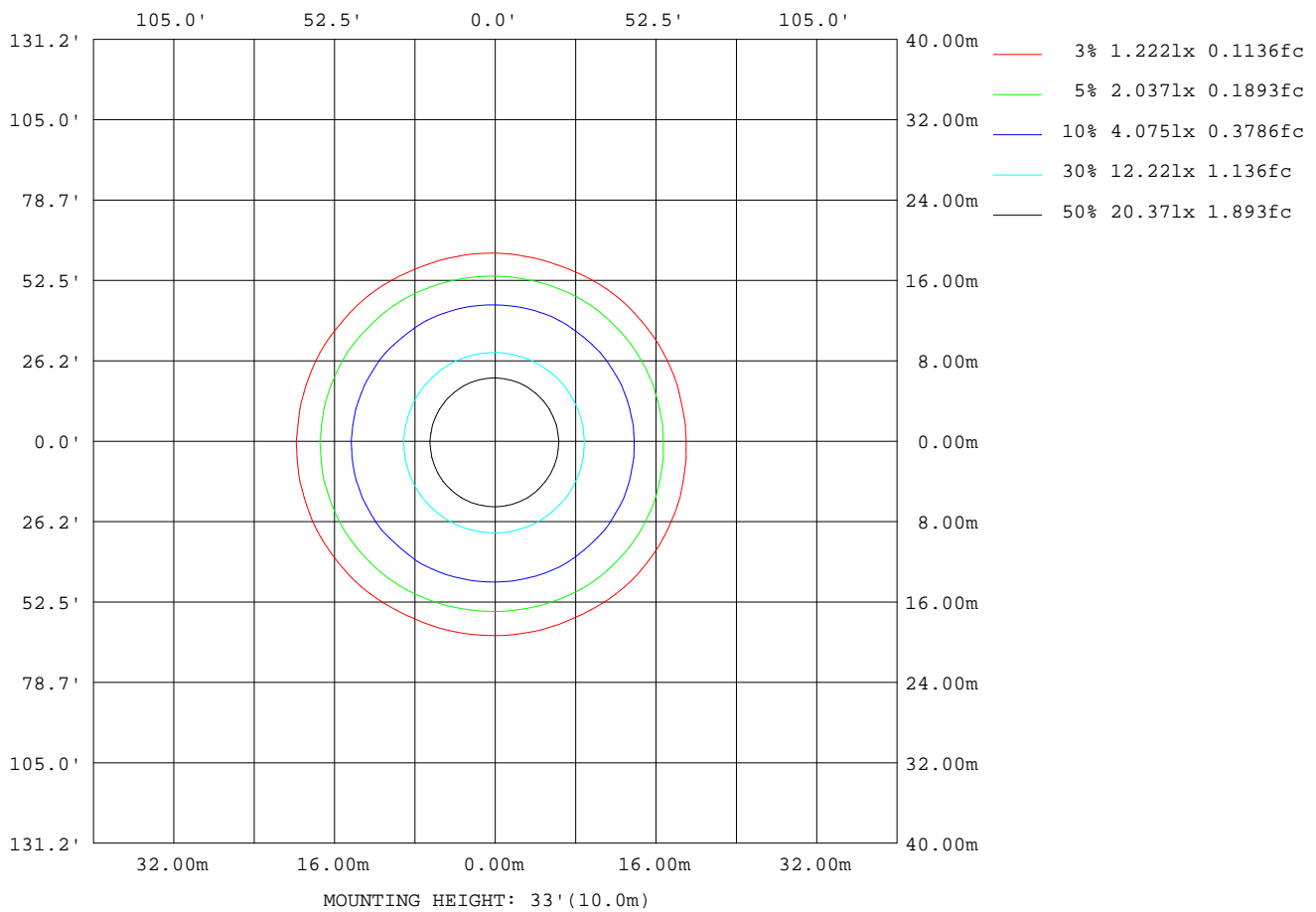
Humidity:65.0%

Test Distance:11.710m [K=0.9949]

Remarks:

ISOLUX DIAGRAM

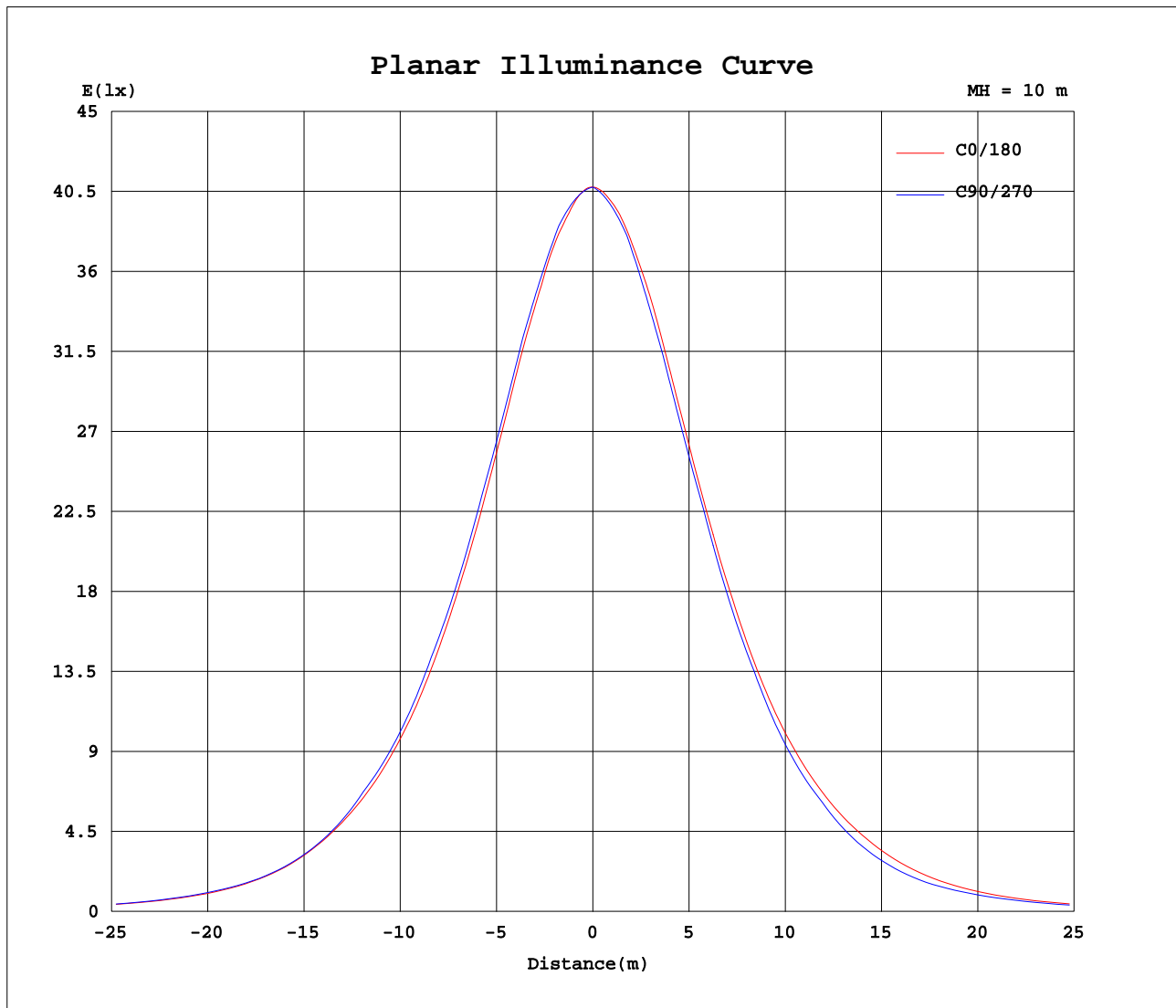
Test:U:220.2V I:0.3611A P:79.66W PF:0.9893 Lamp Flux:10679.7x1 lm		
NAME: EV75B1203	TYPE:	WEIGHT:4.27KG
SPEC.:	DIM.: 368*333*74mm	SERIAL No.:1
MFR.: Integrattech	SUR.:272*170mm	PROTECTION ANGLE:



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=0.9949]
Remarks:

Planar Illuminance Curve

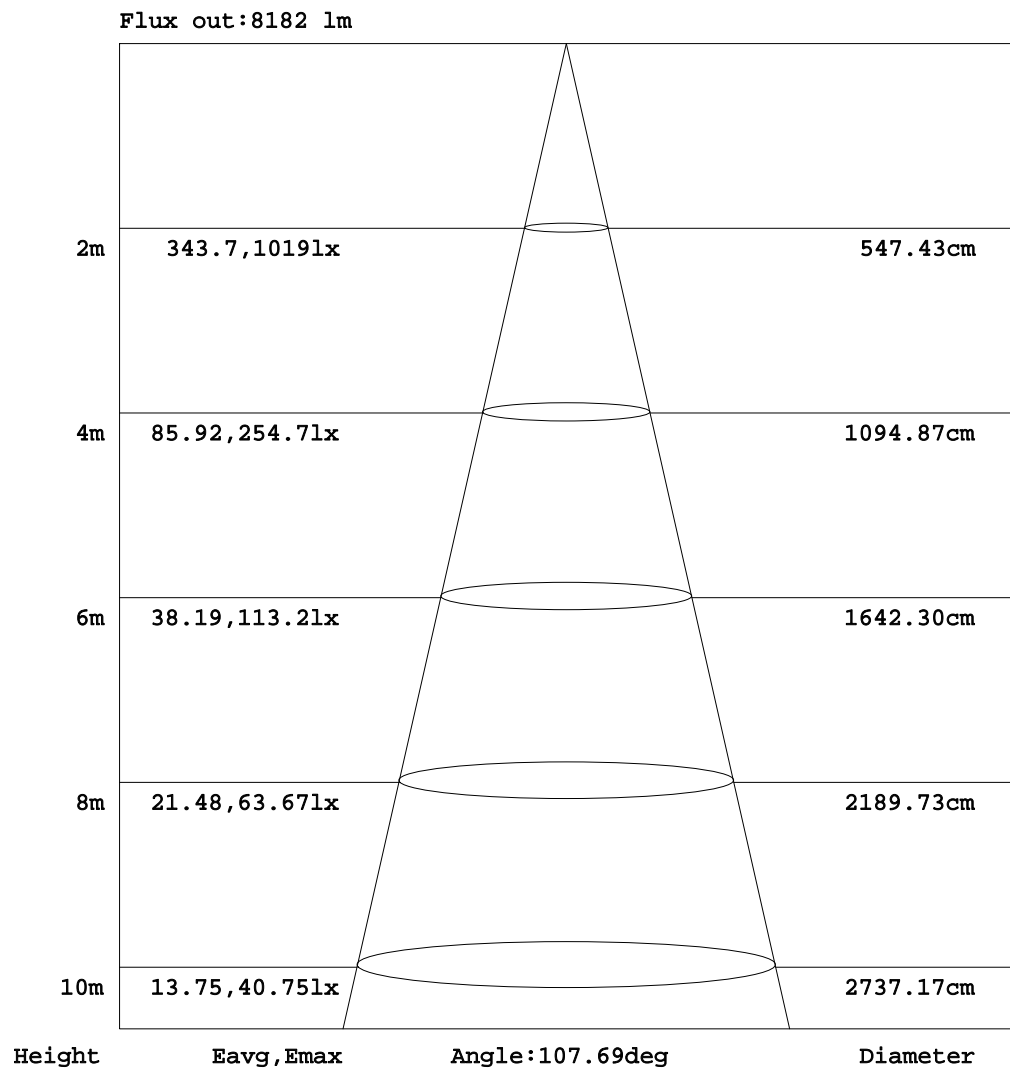


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-6-2

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=0.9949]
Remarks:

AAI Figure

Test:U:220.2V I:0.3611A P:79.66W PF:0.9893 Lamp Flux:10679.7x1 lm		
NAME: EV75B1203	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=0.9949]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.2V I:0.3611A P:79.66W PF:0.9893 Lamp Flux:10679.7x1 lm																	
NAME: EV75B1203									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) 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	19.3	22.0	22.1	27.2	42.0	60.6	80.3	99.5	118	134	147	158	166	173	178	180	182	181	181
-75	18.4	21.1	26.7	44.5	69.6	98.7	131	166	201	236	268	298	323	346	365	380	392	400	403
-70	18.2	21.3	36.9	70.9	109	149	194	245	300	352	402	449	489	527	559	586	606	619	625
-65	17.2	20.5	43.3	87.5	138	200	274	355	445	537	629	717	799	874	935	988	1025	1050	1057
-60	17.0	23.2	66.2	123	190	278	384	499	627	759	891	1020	1138	1248	1334	1409	1457	1485	1489
-55	15.9	20.9	67.2	135	221	336	477	639	820	1010	1200	1384	1549	1700	1817	1908	1970	2008	2014
-50	15.8	28.1	94.3	176	294	447	632	845	1088	1339	1583	1815	2026	2203	2341	2437	2502	2536	2538
-45	14.9	23.2	92.3	186	320	504	733	1003	1298	1600	1887	2131	2332	2508	2636	2741	2808	2846	2859
-40	15.0	35.6	125	242	412	644	936	1274	1628	1982	2294	2530	2717	2868	2977	3076	3135	3162	3181
-35	14.1	26.1	115	239	423	678	1008	1387	1784	2146	2447	2685	2883	3043	3165	3266	3334	3368	3387
-30	14.3	41.3	147	301	524	831	1225	1656	2095	2444	2703	2924	3118	3271	3395	3489	3551	3584	3595
-25	13.5	29.3	134	286	518	843	1264	1725	2168	2514	2787	3023	3216	3383	3512	3615	3685	3724	3740
-20	13.6	50.9	170	351	625	1010	1483	1978	2394	2705	2965	3206	3385	3553	3673	3773	3839	3872	3886
-15	12.7	32.3	147	320	586	968	1449	1958	2388	2711	2985	3232	3422	3594	3725	3832	3902	3942	3961
-10	12.6	56.8	179	380	678	1108	1617	2134	2520	2834	3105	3341	3533	3691	3824	3923	3988	4019	4037
-5	11.6	35.5	152	337	620	1033	1540	2064	2474	2795	3071	3317	3514	3682	3821	3925	3993	4031	4055
0	11.4	62.1	185	389	704	1154	1674	2184	2565	2870	3142	3372	3566	3729	3868	3957	4019	4054	4075
5	10.6	36.6	150	333	612	1024	1529	2047	2454	2772	3046	3292	3489	3655	3796	3904	3967	4008	4029
10	10.4	57.0	174	371	664	1089	1592	2090	2477	2787	3057	3296	3480	3643	3776	3878	3935	3974	3982
15	9.75	34.0	141	311	566	943	1417	1914	2329	2648	2919	3157	3357	3517	3651	3760	3825	3866	3878
20	9.71	53.0	162	338	602	977	1439	1919	2318	2619	2885	3107	3301	3452	3571	3673	3737	3769	3773
25	9.18	28.3	126	273	494	808	1218	1665	2083	2412	2685	2912	3110	3266	3395	3499	3563	3607	3621
30	9.18	41.8	137	285	498	792	1172	1588	1993	2319	2587	2804	2988	3139	3259	3358	3412	3453	3468
35	8.81	20.8	106	224	399	640	955	1320	1694	2029	2312	2542	2733	2887	3016	3113	3175	3219	3234
40	8.83	31.8	113	225	385	603	878	1200	1536	1863	2138	2362	2549	2691	2816	2894	2958	2992	3002
45	8.52	14.5	82.4	171	296	467	680	935	1211	1492	1750	1976	2165	2321	2448	2541	2607	2644	2657
50	8.53	18.2	82.5	160	269	409	579	775	999	1233	1458	1668	1851	2004	2123	2217	2274	2303	2314
55	8.21	10.3	56.1	119	199	304	432	579	743	919	1093	1259	1408	1538	1639	1720	1774	1804	1814
60	8.19	10.9	52.7	106	167	246	341	443	558	677	797	914	1020	1115	1191	1251	1290	1310	1311
65	7.87	8.63	29.9	70.6	118	173	239	311	389	472	555	633	707	773	828	873	904	922	926
70	7.81	8.31	22.1	53.3	88.2	125	164	209	254	301	345	384	421	455	486	510	528	537	540
75	7.55	7.91	12.4	28.3	50.6	76.3	104	134	165	196	223	248	271	292	310	325	335	342	345
80	7.45	7.69	8.13	11.1	22.9	38.6	55.5	72.1	88.2	102	113	123	130	136	141	144	146	148	149
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=0.9949]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.2V I:0.3611A P:79.66W PF:0.9893 Lamp Flux:10679.7x1 lm																		
NAME: EV75B1203									TYPE:					WEIGHT:4.27KG				
SPEC.:									DIM.: 368*333*74mm					SERIAL No.:1				
MFR.: Integratech									SUR.:272*170mm					PROTECTION ANGLE:				

Table--2

UNIT: cd

H(DEC) V(DEC)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	
-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	179	176	173	168	162	153	142	129	115	100	83.9	67.5	52.0	38.8	28.4	25.2	24.7	20.0	
-75	401	395	384	369	347	322	296	265	233	200	164	130	99.7	74.3	52.0	34.4	25.1	21.0	
-70	621	610	589	563	522	481	438	389	338	285	230	180	137	101	67.2	38.0	24.7	19.7	
-65	1051	1027	991	940	877	803	723	636	546	457	367	285	211	149	98.5	56.8	26.6	20.6	
-60	1473	1433	1374	1295	1203	1095	973	846	718	592	470	359	258	175	112	59.6	24.8	19.2	
-55	2001	1957	1892	1800	1679	1534	1369	1193	1012	832	662	502	360	245	154	85.4	31.0	19.8	
-50	2517	2460	2376	2262	2100	1911	1695	1469	1235	1002	787	587	412	274	164	86.2	27.2	18.2	
-45	2843	2789	2719	2612	2467	2298	2090	1849	1570	1281	1008	754	532	354	215	113	36.4	18.8	
-40	3155	3092	3026	2910	2771	2609	2391	2127	1789	1449	1122	828	575	374	216	107	28.5	17.4	
-35	3372	3319	3252	3147	3009	2850	2652	2406	2102	1751	1370	1019	713	464	277	140	42.9	17.7	
-30	3574	3518	3445	3329	3186	3021	2820	2577	2281	1900	1471	1077	741	470	273	131	32.0	16.4	
-25	3723	3674	3597	3493	3351	3186	2992	2758	2477	2129	1690	1252	871	558	330	163	49.4	16.5	
-20	3855	3801	3715	3603	3453	3282	3076	2837	2548	2191	1728	1262	862	542	311	144	31.9	15.3	
-15	3941	3893	3813	3707	3570	3392	3196	2963	2683	2353	1916	1425	988	631	368	180	57.3	15.1	
-10	4013	3955	3873	3762	3622	3429	3228	2985	2699	2358	1908	1400	957	598	339	158	37.3	13.9	
-5	4036	3983	3905	3803	3664	3484	3286	3050	2767	2443	2021	1510	1046	665	386	187	63.8	13.5	
0	4042	3986	3896	3797	3640	3461	3258	3008	2716	2377	1936	1420	969	603	340	155	37.8	12.5	
5	4013	3955	3880	3781	3635	3462	3265	3027	2746	2420	2005	1497	1037	660	383	185	64.7	11.9	
10	3964	3902	3824	3714	3565	3385	3186	2942	2655	2321	1870	1371	938	588	334	154	40.7	11.0	
15	3873	3816	3743	3639	3501	3325	3130	2896	2617	2292	1863	1386	962	616	359	174	59.9	10.6	
20	3767	3704	3623	3516	3370	3192	2987	2749	2458	2115	1658	1213	832	524	299	137	32.7	9.75	
25	3608	3560	3485	3380	3247	3079	2887	2654	2370	2033	1610	1193	834	537	317	154	51.7	9.43	
30	3432	3391	3311	3194	3066	2895	2692	2459	2162	1788	1389	1018	705	449	259	122	28.1	8.74	
35	3211	3167	3097	2991	2862	2702	2507	2266	1969	1635	1282	956	673	440	262	129	40.5	8.52	
40	2970	2918	2848	2736	2603	2439	2228	1968	1651	1335	1039	771	539	351	203	97.9	18.7	7.94	
45	2637	2586	2520	2415	2281	2116	1919	1690	1432	1171	924	696	495	331	198	102	27.7	7.79	
50	2284	2234	2156	2044	1899	1721	1522	1314	1107	905	712	533	380	253	148	75.8	14.0	7.32	
55	1795	1751	1692	1604	1495	1361	1215	1056	900	745	596	457	330	224	138	73.2	17.7	7.24	
60	1291	1251	1196	1124	1043	947	844	737	629	522	420	325	233	157	97.2	47.7	9.09	6.92	
65	914	890	856	810	757	694	627	553	478	404	329	258	190	132	84.5	43.3	10.5	6.92	
70	530	518	499	476	447	415	379	340	298	255	209	163	122	87.3	53.9	23.4	7.28	6.75	
75	340	335	325	312	296	277	256	232	206	178	148	117	87.2	61.8	38.5	18.6	7.53	6.83	
80	149	149	146	142	138	131	123	114	102	89.1	74.1	58.0	41.5	26.4	14.1	7.55	7.03	6.79	
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=0.9949]

Remarks: