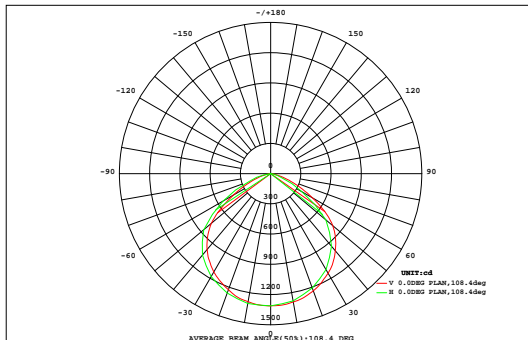


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.3V I:0.1095A P:23.82W PF:0.9831 Lamp Flux:3393.71lx1 lm		
NAME: EV25B1203	TYPE:	WEIGHT:2.09KG
SPEC.:	DIM.: 294*229*69mm	SERIAL No.:1
MFR.: Integratech	SUR.:170*119mm	PROTECTION ANGLE:



DATA OF LAMP		Eff:142.48lm/W	
MODEL	EV25B1203	Imax(cd)	1312
NOMINAL POWER(W)	25	AVAILABILITY(%)	97.6
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	3312
NOMINAL FLUX(lm)	3393.71	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	3394
TEST VOLTAGE(V)	220	θ @50%(H,V)	108,108DEG

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	0.01	0.04	0.14	0.39	0.75	1.14	1.48	1.74	1.91	1.96	1.89	1.68	1.34	0.93	0.52	0.22	0.06	0.01	16.2	0.00
70	0.01	0.09	0.43	1.08	2.02	3.22	4.51	5.64	6.37	6.56	6.15	5.22	3.95	2.57	1.37	0.56	0.15	0.01	49.9	34.8
60	0.01	0.20	0.83	2.20	4.46	7.56	10.9	13.8	15.5	15.8	14.7	12.3	9.07	5.68	2.88	1.09	0.27	0.02	117	113
50	0.02	0.30	1.37	3.80	8.10	13.7	19.1	23.1	25.3	25.5	23.9	20.5	15.5	9.93	4.98	1.82	0.41	0.03	197	195
40	0.03	0.42	1.99	5.75	12.1	19.3	24.9	28.7	30.8	31.0	29.2	25.6	20.5	14.0	7.24	2.64	0.58	0.04	255	253
30	0.03	0.54	2.62	7.65	15.4	22.6	28.3	32.5	34.8	35.0	33.0	29.0	23.5	16.9	9.25	3.45	0.74	0.05	295	294
20	0.04	0.65	3.18	9.18	17.5	24.8	30.7	35.2	37.6	37.7	35.6	31.4	25.5	18.7	10.7	4.07	0.87	0.06	323	322
10	0.04	0.71	3.53	10.1	18.5	25.9	32.1	36.7	39.1	39.3	37.1	32.8	26.8	19.6	11.6	4.44	0.96	0.07	339	338
0	0.05	0.74	3.65	10.3	18.8	26.3	32.5	37.1	39.6	39.7	37.4	33.1	27.1	19.9	11.8	4.51	0.98	0.07	343	342
-10	0.05	0.71	3.48	9.82	18.3	25.6	31.8	36.3	38.8	38.9	36.7	32.5	26.5	19.4	11.3	4.29	0.94	0.07	336	335
-20	0.04	0.64	3.10	8.77	16.9	24.1	30.1	34.5	36.8	36.9	34.9	30.8	25.0	18.1	10.0	3.79	0.83	0.06	315	314
-30	0.04	0.52	2.52	7.12	14.4	21.6	27.3	31.4	33.6	33.9	31.9	28.0	22.6	15.8	8.26	3.10	0.70	0.06	283	281
-40	0.03	0.40	1.88	5.23	10.8	17.4	23.0	26.9	29.0	29.2	27.4	23.8	18.6	12.0	6.09	2.30	0.53	0.05	235	233
-50	0.02	0.28	1.22	3.35	6.84	11.4	16.2	19.7	21.7	21.9	20.3	17.2	12.6	7.73	3.96	1.54	0.38	0.04	167	164
-60	0.02	0.17	0.69	1.82	3.57	5.76	8.04	10.1	11.4	11.7	10.6	8.77	6.46	4.12	2.17	0.87	0.24	0.03	86.6	81.3
-70	0.02	0.09	0.32	0.77	1.41	2.12	2.82	3.39	3.72	3.81	3.63	3.18	2.50	1.71	0.96	0.41	0.13	0.02	31.0	10.3
-80	0.01	0.02	0.07	0.14	0.22	0.28	0.33	0.37	0.40	0.41	0.41	0.38	0.32	0.23	0.15	0.07	0.03	0.01	3.87	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	0.47	6.53	31.0	87.5	170	253	324	377	407	409	385	336	268	187	103	39.2	8.80	0.69	3394	---
Φ a	0.00	0.88	25.2	82.4	165	248	319	372	402	405	380	331	263	183	98.5	34.2	2.87	0.00	---	3312

one-half-peak spread: U:56.7,D:52.0 , L:52.7,R:56.1

NEMA Beam Type: Type 7

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-6-1

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=0.9906]
Remarks:

ISOCANDELA DIAGRAM

Test:U:220.3V I:0.1095A P:23.82W PF:0.9831 Lamp Flux:3393.71x1 lm		
NAME: EV25B1203	TYPE:	WEIGHT:2.09KG
SPEC.:	DIM.: 294*229*69mm	SERIAL No.:1
MFR.: Integratech	SUR.:170*119mm	PROTECTION ANGLE:

Conical surface Flux(90deg):

2044.3 lm

%lum = 60.3%

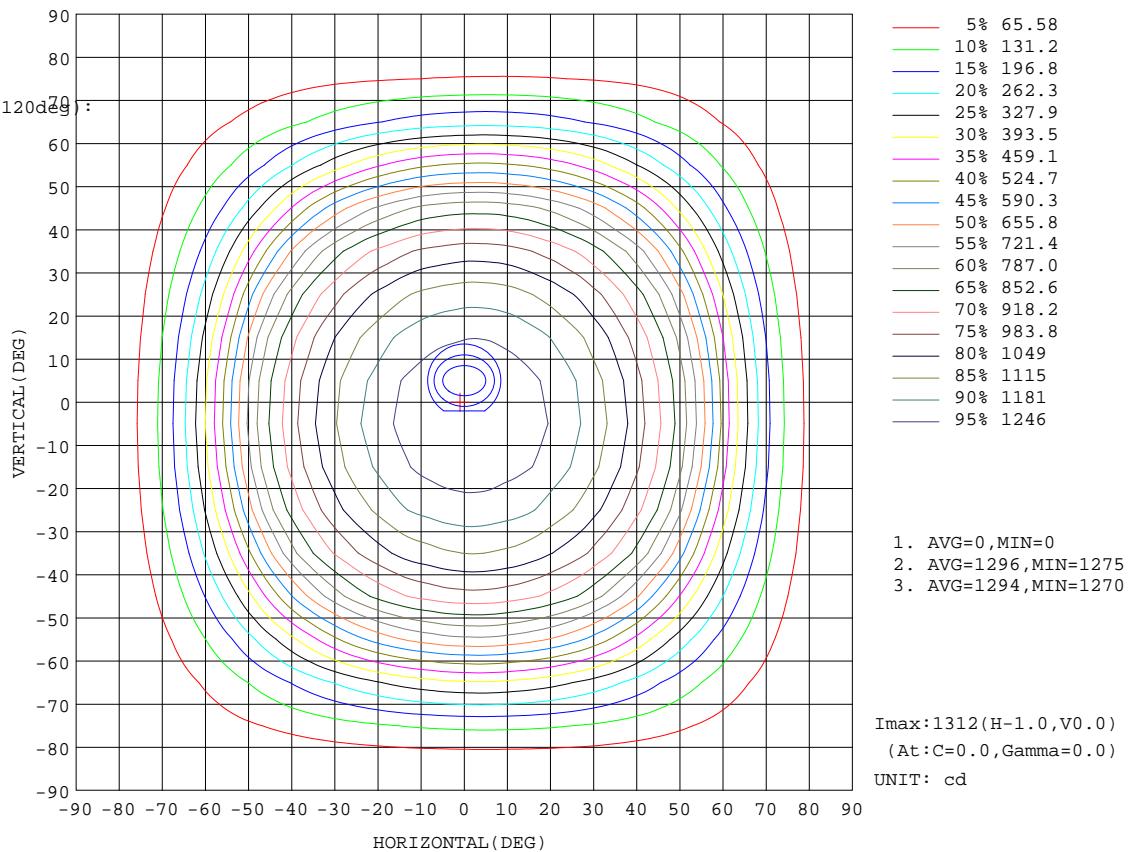
%lamp = 60.2%

Conical surface Flux(120deg):

2946.9 lm

%lum = 86.9%

%lamp = 86.8%

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

Test Speed: HIGH

Temperature:25.3DEG

Operators:

Test Date:2022-6-1

V(B) Range:-80 - 80DEG

V(B) Interval: 5.0DEG

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

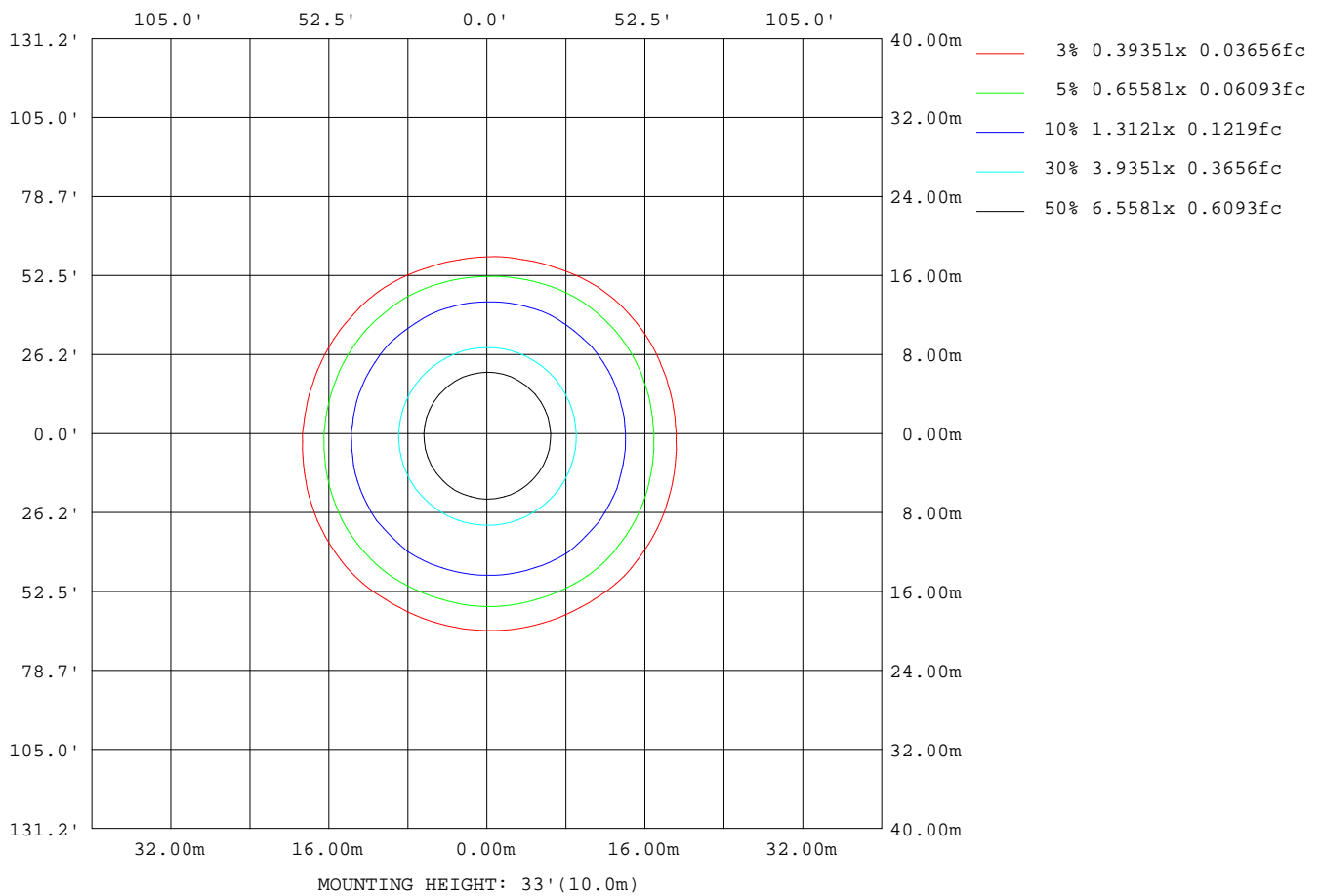
Humidity:65.0%

Test Distance:11.710m [K=0.9906]

Remarks:

ISOLUX DIAGRAM

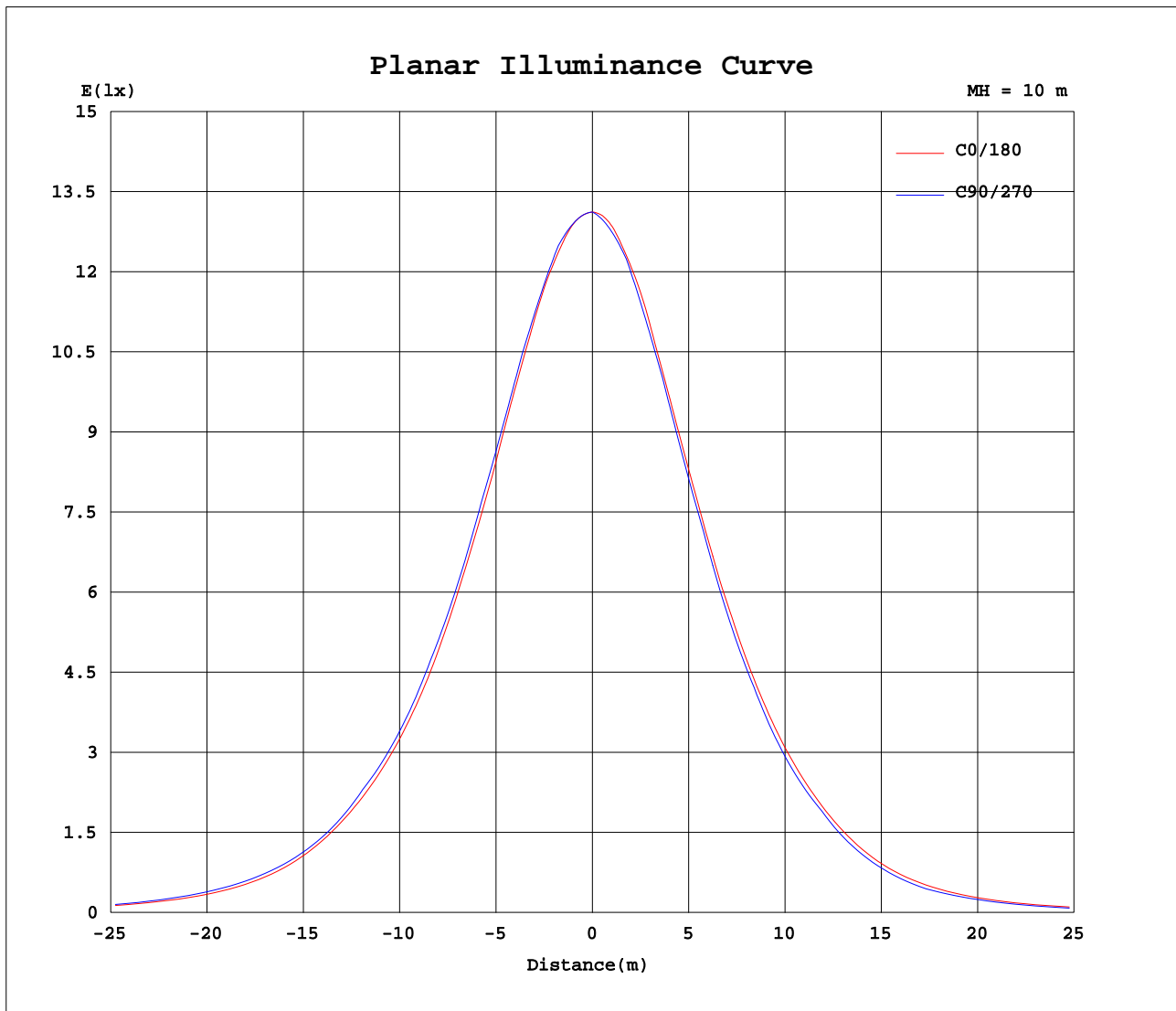
Test:U:220.3V I:0.1095A P:23.82W PF:0.9831 Lamp Flux:3393.7lx 1m		
NAME: EV25B1203	TYPE:	WEIGHT:2.09KG
SPEC.:	DIM.: 294*229*69mm	SERIAL No.:1
MFR.: Integratech	SUR.:170*119mm	PROTECTION ANGLE:



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-6-1

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=0.9906]
Remarks:

Planar Illuminance Curve

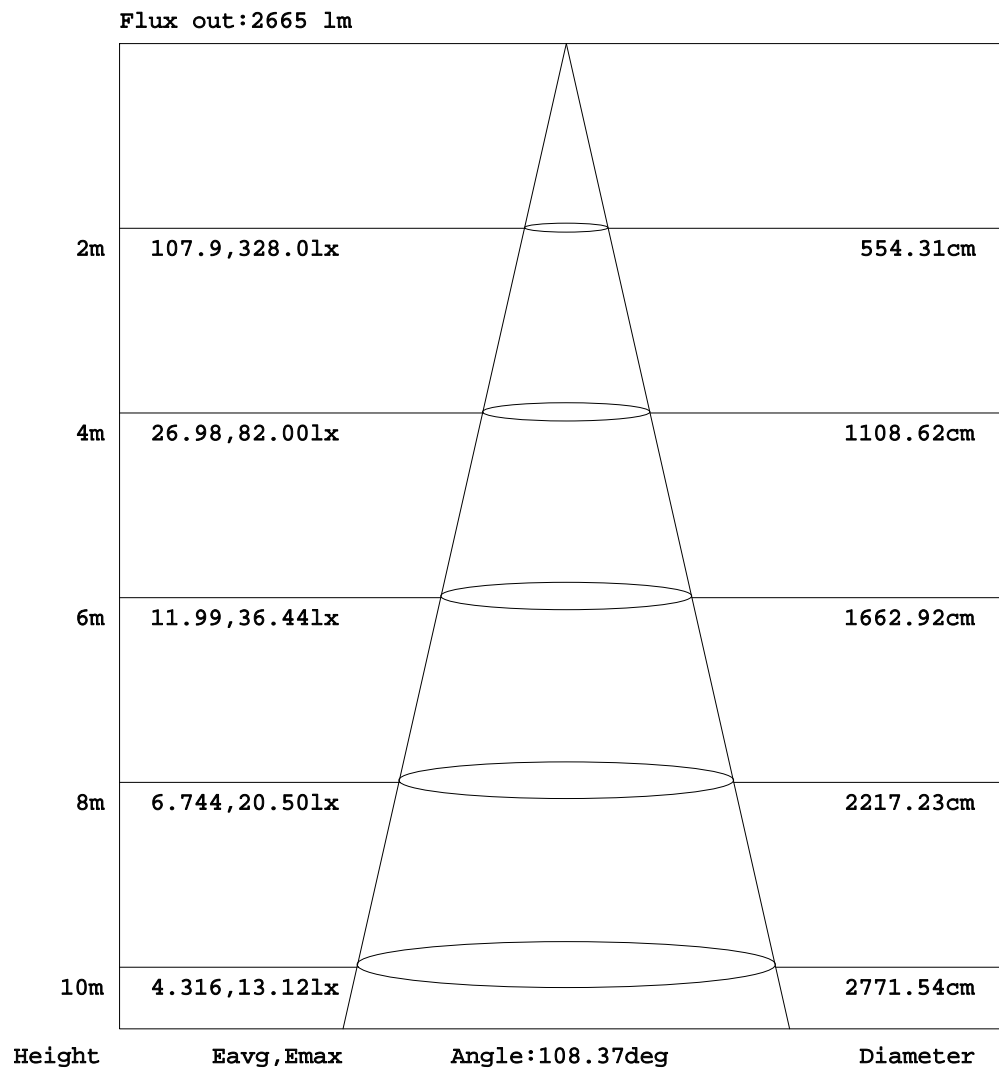


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-6-1

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=0.9906]
Remarks:

AAI Figure

Test:U:220.3V I:0.1095A P:23.82W PF:0.9831 Lamp Flux:3393.71x1 lm		
NAME: EV25B1203	TYPE:	WEIGHT:2.09KG
SPEC.:	DIM.: 294*229*69mm	SERIAL No.:1
MFR.: Integrattech	SUR.:170*119mm	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:2022-6-1

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=0.9906]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.3V I:0.1095A P:23.82W PF:0.9831 Lamp Flux:3393.71x1 lm		
NAME: EV25B1203	TYPE:	WEIGHT:2.09KG
SPEC.:	DIM.: 294*229*69mm	SERIAL No.:1
MFR.: Integratech	SUR.:170*119mm	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	5.97	7.15	6.91	7.26	9.99	14.9	20.5	26.2	31.7	36.9	42.0	46.5	50.4	54.1	57.4	60.3	62.8	64.5	65.7
-75	5.64	7.06	7.00	10.3	16.2	24.0	33.7	45.5	57.9	70.1	82.0	93.9	105	115	124	132	138	142	145
-70	5.60	6.96	7.80	15.3	25.2	36.7	51.2	69.6	88.9	108	127	146	164	180	194	207	215	221	225
-65	5.22	6.74	9.11	19.0	32.1	50.1	73.6	101	132	165	200	234	266	296	323	347	364	378	385
-60	5.21	6.61	13.5	27.5	45.3	72.0	107	144	188	235	286	335	380	424	463	494	519	539	546
-55	4.83	6.34	13.8	29.8	52.5	87.1	131	183	243	309	378	446	512	570	616	652	678	698	707
-50	4.86	6.65	19.8	39.9	71.6	119	175	243	323	409	498	585	670	735	786	822	845	863	868
-45	4.53	6.09	19.3	41.4	78.5	132	200	282	378	483	589	679	757	821	870	906	933	951	960
-40	4.62	7.61	26.5	54.7	104	171	255	357	471	599	718	806	872	928	970	1005	1028	1045	1054
-35	4.32	6.09	24.2	53.2	105	177	271	384	513	649	764	853	923	979	1025	1063	1087	1105	1116
-30	4.42	8.71	31.3	68.6	132	217	330	461	608	748	850	930	998	1051	1096	1135	1152	1171	1180
-25	4.11	6.41	28.0	64.3	128	216	333	472	629	771	874	957	1026	1082	1128	1169	1194	1211	1220
-20	4.17	10.2	35.7	81.5	156	258	388	545	713	839	934	1013	1079	1133	1178	1217	1242	1256	1260
-15	3.84	6.62	30.4	71.9	144	243	376	533	703	836	936	1018	1085	1146	1191	1231	1259	1276	1284
-10	3.85	10.5	37.3	86.7	166	278	422	589	753	875	973	1054	1118	1180	1222	1257	1284	1301	1308
-5	3.53	6.62	31.3	75.2	150	254	395	562	731	859	960	1042	1110	1169	1216	1257	1283	1302	1309
0	3.50	10.6	38.2	89.3	169	283	430	604	767	885	982	1059	1127	1180	1226	1269	1290	1308	1312
5	3.21	6.20	30.6	73.1	145	247	385	549	719	848	948	1030	1099	1156	1202	1244	1269	1288	1296
10	3.21	9.40	35.5	81.8	156	262	402	564	730	853	950	1028	1095	1151	1196	1231	1257	1272	1282
15	2.96	5.42	28.1	66.1	132	223	347	497	663	799	898	980	1049	1106	1150	1190	1217	1235	1243
20	3.00	8.31	32.2	72.7	138	228	349	494	658	787	882	964	1028	1080	1123	1162	1188	1202	1207
25	2.83	4.57	24.5	56.2	111	186	288	416	563	701	808	892	959	1017	1062	1099	1127	1142	1152
30	2.83	6.24	26.9	58.0	110	180	274	393	527	662	772	851	915	973	1015	1050	1073	1087	1099
35	2.73	3.71	19.8	44.6	85.6	143	217	315	428	549	662	756	829	886	931	965	994	1007	1018
40	2.73	4.56	21.3	44.4	82.2	132	196	279	377	483	593	692	767	821	860	893	921	933	939
45	2.62	3.17	14.3	33.1	60.5	99.9	149	211	286	371	462	548	622	682	731	770	801	818	827
50	2.62	3.26	14.1	31.0	52.9	85.9	124	171	227	295	366	435	503	567	619	660	691	709	716
55	2.52	2.89	8.29	21.8	38.4	61.4	90.4	124	164	210	260	311	361	409	450	484	510	527	536
60	2.50	2.86	7.26	18.7	31.9	47.8	68.9	92.8	118	145	175	207	239	269	296	319	338	351	357
65	2.42	2.68	4.16	10.9	20.8	32.4	46.7	63.0	79.7	97.7	117	137	157	176	194	208	221	229	235
70	2.38	2.63	2.96	6.70	14.0	22.2	30.6	39.6	48.8	57.8	66.6	75.5	83.5	91.1	97.6	103	108	111	113
75	2.32	2.47	2.70	4.08	7.58	11.8	17.0	23.1	29.4	35.6	41.5	47.1	52.0	56.3	59.9	63.0	65.5	67.4	68.7
80	2.27	2.39	2.58	2.68	2.70	3.20	5.64	9.07	12.6	15.8	18.6	20.8	22.2	23.1	23.6	24.1	24.4	24.7	24.9
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:2022-6-1

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=0.9906]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.3V I:0.1095A P:23.82W PF:0.9831 Lamp Flux:3393.71x1 lm																		
NAME: EV25B1203									TYPE:					WEIGHT:2.09KG				
SPEC.:									DIM.: 294*229*69mm					SERIAL No.:1				
MFR.: Integratech									SUR.:170*119mm					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	66.1	66.0	65.4	64.2	62.6	59.5	55.1	49.7	43.8	37.7	31.5	24.9	18.8	13.7	9.80	8.16	7.75	6.55	
-75	146	145	143	138	132	124	113	101	88.0	74.4	60.3	46.6	34.4	24.8	16.9	10.9	7.92	6.76	
-70	226	223	218	209	198	184	167	148	127	105	83.3	63.0	45.5	32.4	21.2	11.9	7.75	6.39	
-65	387	380	368	352	329	303	272	238	201	165	131	98.8	70.9	48.1	30.9	17.5	8.34	6.60	
-60	546	532	513	485	450	409	364	315	261	211	165	123	86.3	55.9	34.7	18.4	7.73	6.20	
-55	708	697	678	652	615	566	507	440	366	297	233	174	122	79.2	47.6	25.9	9.60	6.34	
-50	868	854	833	806	762	700	623	536	444	356	275	202	139	88.0	50.1	26.1	8.23	5.90	
-45	960	948	929	901	863	811	743	663	562	456	354	262	181	115	65.8	33.9	11.4	6.01	
-40	1049	1036	1015	982	946	895	832	752	638	513	394	288	194	119	65.4	31.9	8.56	5.62	
-35	1114	1103	1083	1053	1016	967	907	834	736	614	477	350	242	152	85.0	41.2	13.6	5.66	
-30	1176	1165	1141	1108	1070	1016	955	883	791	660	505	367	250	153	82.9	38.2	9.82	5.28	
-25	1217	1206	1189	1155	1117	1067	1005	934	847	733	580	427	295	184	101	47.0	15.6	5.25	
-20	1255	1242	1224	1187	1147	1095	1028	955	865	748	591	431	292	177	92.8	41.0	9.96	4.91	
-15	1283	1267	1250	1217	1177	1128	1066	993	907	801	653	483	333	208	113	51.2	17.2	4.78	
-10	1307	1287	1266	1232	1189	1139	1077	999	911	801	648	470	318	194	103	44.5	11.4	4.43	
-5	1309	1293	1274	1242	1201	1151	1091	1015	929	827	685	508	350	217	118	52.7	17.8	4.25	
0	1309	1293	1272	1237	1193	1140	1078	998	911	805	653	477	323	195	101	43.1	10.4	3.92	
5	1295	1281	1261	1229	1189	1138	1078	1003	917	816	674	499	343	213	115	51.1	17.0	3.73	
10	1278	1264	1239	1207	1167	1114	1047	976	886	778	627	454	307	186	97.3	41.8	10.7	3.42	
15	1243	1232	1209	1179	1140	1090	1028	957	872	768	624	460	315	195	105	46.8	15.5	3.29	
20	1206	1194	1169	1137	1096	1044	979	907	821	707	555	404	269	161	83.5	36.3	8.58	3.06	
25	1151	1142	1119	1090	1052	1002	944	875	790	677	533	393	267	164	88.7	40.5	13.2	2.95	
30	1094	1084	1059	1030	992	940	881	814	718	595	454	327	219	132	69.7	31.7	7.42	2.76	
35	1017	1008	988	960	923	878	818	749	656	541	418	304	205	127	69.4	33.1	10.3	2.68	
40	937	926	906	878	839	793	730	651	550	441	335	237	157	95.4	50.8	24.4	4.79	2.51	
45	827	818	801	773	736	689	625	555	469	378	291	209	142	88.2	49.5	25.0	6.98	2.46	
50	717	704	686	656	614	561	493	426	352	279	212	152	102	63.3	36.0	17.7	3.60	2.34	
55	538	531	518	495	465	426	378	328	275	221	171	125	86.2	55.1	32.7	16.7	4.42	2.30	
60	360	353	342	324	302	274	243	211	175	142	110	81.5	56.2	36.5	22.0	10.1	2.59	2.22	
65	237	234	228	219	205	189	170	150	127	105	82.7	62.5	44.6	29.9	18.3	8.84	2.82	2.21	
70	114	113	111	108	104	97.4	89.0	80.2	69.4	58.0	46.5	35.9	26.6	18.1	10.3	4.41	2.30	2.16	
75	69.4	69.5	68.7	67.3	64.8	61.4	56.6	51.5	45.1	38.3	30.9	24.0	17.7	12.1	7.30	3.88	2.34	2.20	
80	25.2	25.5	25.6	25.3	24.8	23.9	22.3	20.5	18.3	15.6	12.5	9.32	6.47	4.01	2.70	2.34	2.25	2.21	
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:2022-6-1

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=0.9906]

Remarks: