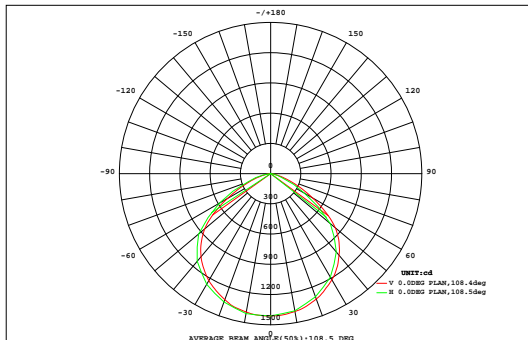


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.2V I:0.1099A P:23.91W PF:0.9832 Lamp Flux:3653.39x1 lm		
NAME: EV25B1205	TYPE:	WEIGHT:2.09KG
SPEC.:	DIM.: 294*229*69mm	SERIAL No.:1
MFR.: Integratech	SUR.:170*119mm	PROTECTION ANGLE:



DATA OF LAMP		Eff:152.83lm/W	
MODEL	EV25B1205	Imax(cd)	1412
NOMINAL POWER(W)	25	AVAILABILITY(%)	97.6
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	3566
NOMINAL FLUX(lm)	3653.39	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	3653
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	0.40	0.79	1.21	1.59	1.87	2.06	2.12	2.05	1.83	1.46	1.02	0.58	0.24	0.07	0.01	17.5	0.00
70	0.01	0.10	0.45	1.14	2.15	3.42	4.82	6.05	6.87	7.09	6.68	5.69	4.32	2.82	1.52	0.63	0.16	0.01	53.9	37.9
60	0.01	0.21	0.88	2.34	4.74	8.08	11.7	14.8	16.7	17.1	15.9	13.4	9.89	6.22	3.18	1.21	0.30	0.02	127	122
50	0.02	0.32	1.46	4.04	8.65	14.7	20.6	24.9	27.3	27.5	25.8	22.1	16.8	10.8	5.46	2.01	0.46	0.04	213	210
40	0.03	0.45	2.12	6.14	13.0	20.8	26.8	31.0	33.2	33.4	31.5	27.6	22.1	15.1	7.88	2.90	0.64	0.05	275	273
30	0.04	0.58	2.80	8.20	16.6	24.3	30.5	35.0	37.5	37.7	35.5	31.3	25.3	18.2	10.0	3.77	0.82	0.06	318	317
20	0.05	0.70	3.41	9.87	18.9	26.7	33.1	37.9	40.5	40.7	38.3	33.8	27.5	20.1	11.6	4.42	0.96	0.07	348	347
10	0.05	0.77	3.80	10.8	19.9	27.9	34.6	39.5	42.1	42.3	39.9	35.3	28.8	21.1	12.5	4.81	1.05	0.08	365	364
0	0.05	0.81	3.95	11.1	20.2	28.2	34.9	39.9	42.6	42.7	40.3	35.6	29.1	21.4	12.6	4.87	1.06	0.08	370	369
-10	0.05	0.77	3.77	10.6	19.6	27.6	34.2	39.1	41.8	41.9	39.5	34.9	28.5	20.9	12.1	4.62	1.02	0.08	361	360
-20	0.05	0.70	3.36	9.46	18.1	26.0	32.3	37.1	39.6	39.7	37.5	33.1	26.8	19.4	10.8	4.06	0.90	0.07	339	338
-30	0.04	0.58	2.75	7.70	15.4	23.2	29.3	33.8	36.2	36.4	34.3	30.1	24.3	17.0	8.84	3.32	0.75	0.06	304	302
-40	0.04	0.45	2.06	5.69	11.7	18.7	24.7	28.9	31.2	31.4	29.4	25.6	20.0	12.9	6.49	2.45	0.57	0.05	252	250
-50	0.03	0.31	1.35	3.68	7.46	12.4	17.5	21.2	23.3	23.5	21.9	18.5	13.5	8.24	4.19	1.63	0.40	0.04	179	176
-60	0.02	0.19	0.77	2.00	3.91	6.28	8.72	10.9	12.3	12.5	11.4	9.36	6.87	4.36	2.29	0.92	0.25	0.03	93.1	87.5
-70	0.02	0.10	0.35	0.86	1.56	2.33	3.08	3.67	4.01	4.09	3.87	3.38	2.64	1.79	1.00	0.43	0.13	0.02	33.3	11.1
-80	0.01	0.03	0.09	0.18	0.27	0.34	0.38	0.42	0.44	0.44	0.43	0.39	0.32	0.22	0.13	0.06	0.02	0.01	4.17	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	0.53	7.10	33.5	94.3	183	272	349	406	438	441	414	362	288	201	111	42.3	9.57	0.77	3653	---
Φ a	0.00	1.89	26.7	88.8	178	267	343	400	432	435	409	356	283	197	106	36.7	3.76	0.00	---	3566

one-half-peak spread: U:56.7,D:52.1 , L:53.7,R:55.1

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=1.0248]
Remarks:

ISOCANDELA DIAGRAM

Test:U:220.2V I:0.1099A P:23.91W PF:0.9832 Lamp Flux:3653.39x1 lm		
NAME: EV25B1205	TYPE:	WEIGHT:2.09KG
SPEC.:	DIM.: 294*229*69mm	SERIAL No.:1
MFR.: Integrattech	SUR.:170*119mm	PROTECTION ANGLE:

Conical surface Flux(90deg):

2201.1 lm

%lum = 60.3%

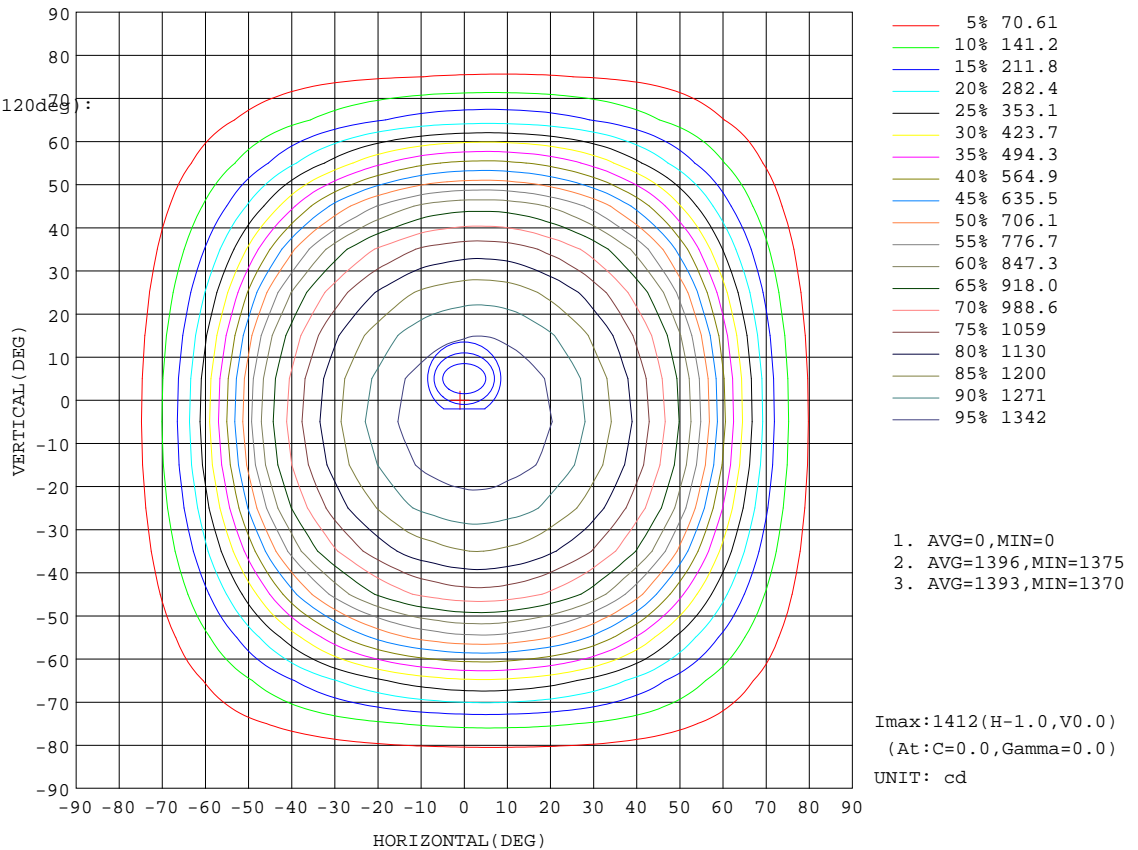
%lamp = 60.2%

Conical surface Flux(120deg):

3173.2 lm

%lum = 86.9%

%lamp = 86.9%



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

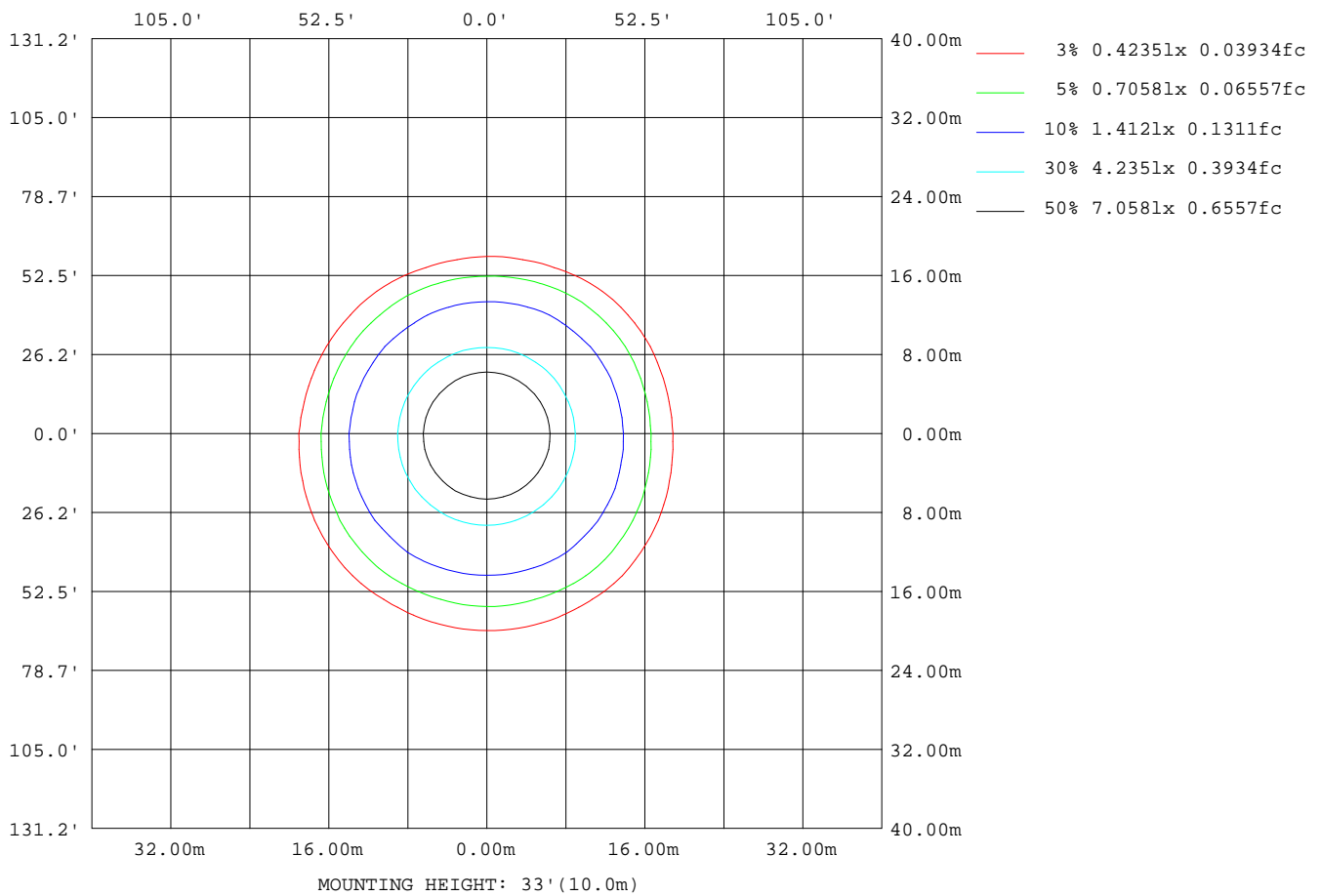
Humidity:65.0%

Test Distance:11.710m [K=1.0248]

Remarks:

ISOLUX DIAGRAM

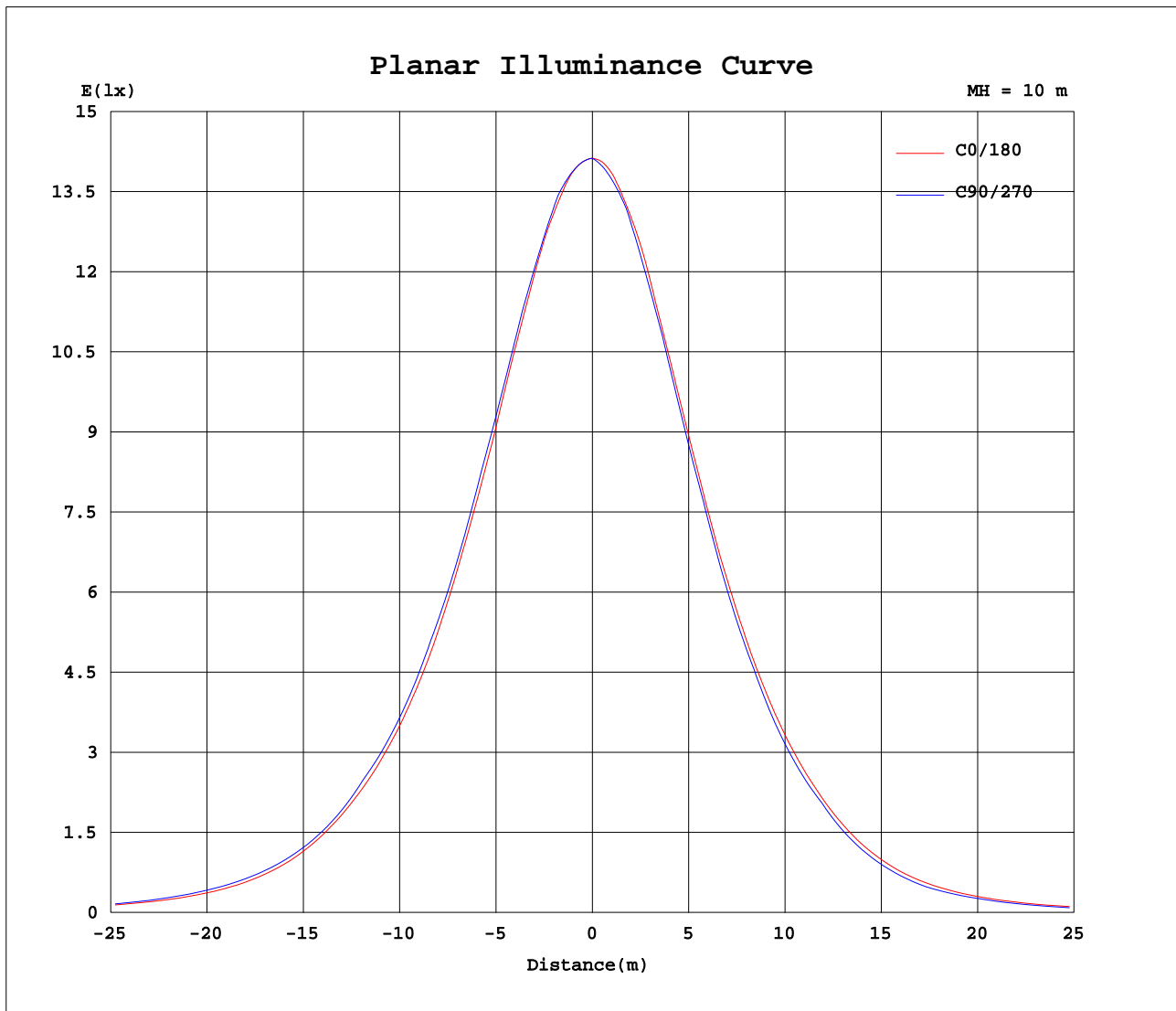
Test:U:220.2V I:0.1099A P:23.91W PF:0.9832 Lamp Flux:3653.39x1 lm		
NAME: EV25B1205	TYPE:	WEIGHT:2.09KG
SPEC.:	DIM.: 294*229*69mm	SERIAL No.:1
MFR.: Integratech	SUR.:170*119mm	PROTECTION ANGLE:



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=1.0248]
Remarks:

Planar Illuminance Curve

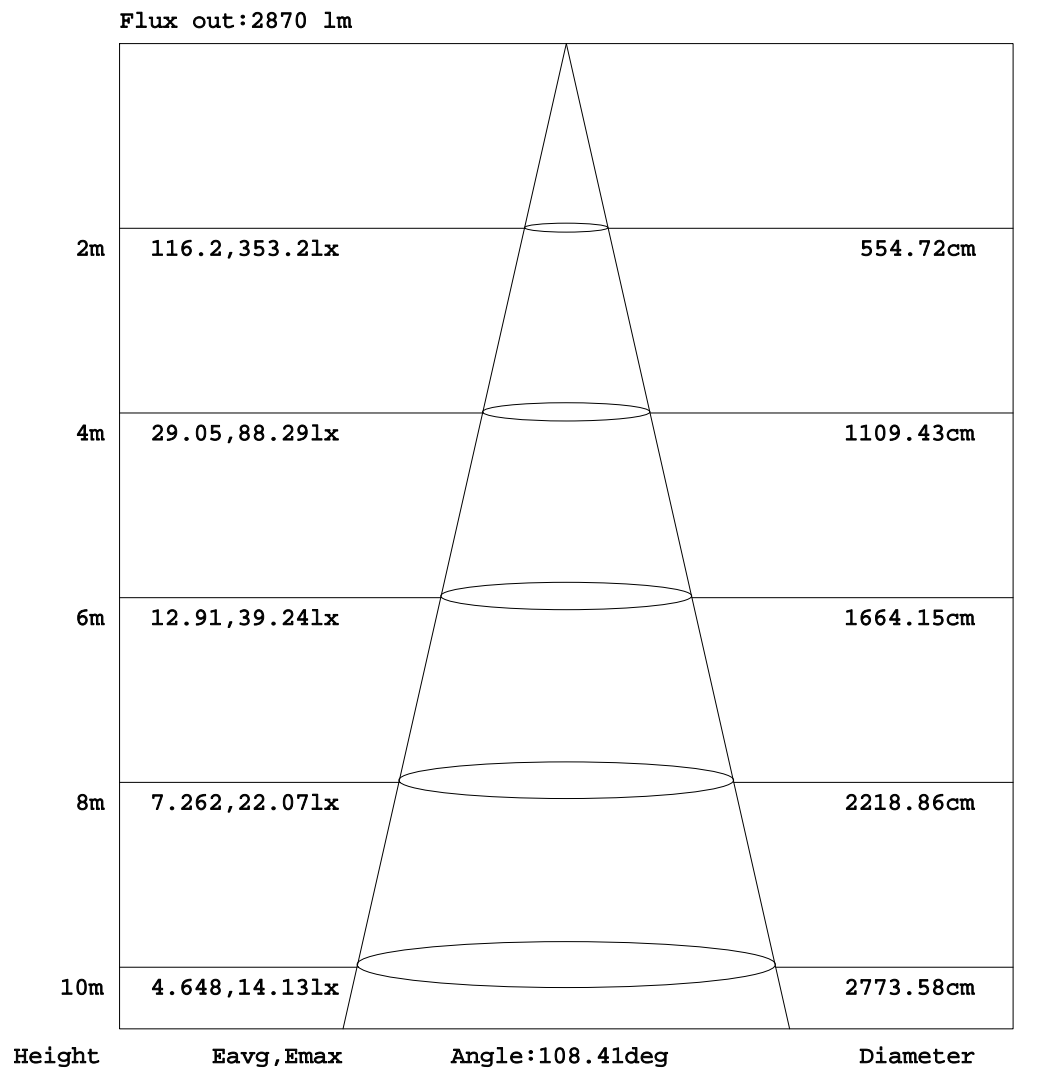


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-6-1

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=1.0248]
Remarks:

AAI Figure

Test:U:220.2V I:0.1099A P:23.91W PF:0.9832 Lamp Flux:3653.39x1 lm		
NAME: EV25B1205	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=1.0248]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.2V I:0.1099A P:23.91W PF:0.9832 Lamp Flux:3653.39x1 lm		
NAME: EV25B1205	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	6.58	7.41	7.45	8.04	11.7	17.1	23.2	29.3	35.2	40.7	46.1	50.7	55.0	59.0	62.4	65.4	67.8	69.5	70.8
-75	5.91	7.23	7.34	10.1	15.9	24.0	34.1	46.2	59.7	72.9	85.7	98.4	111	122	132	140	147	152	155
-70	6.22	7.22	9.55	18.4	29.4	42.4	58.8	79.4	100	120	141	161	180	197	212	224	232	239	243
-65	5.41	6.86	8.47	18.0	31.4	49.6	73.6	103	135	170	207	244	280	312	342	368	388	404	413
-60	5.82	7.20	17.3	32.8	53.7	84.1	123	164	212	264	318	370	418	464	505	538	562	582	588
-55	4.97	6.43	11.9	28.2	50.6	85.3	130	185	248	318	392	465	537	601	653	694	724	746	759
-50	5.43	8.47	25.1	48.4	86.0	139	202	279	366	459	555	648	736	802	853	889	912	930	934
-45	4.63	6.01	16.8	38.8	74.8	129	199	285	385	497	611	712	799	870	926	967	999	1018	1031
-40	5.18	11.2	33.3	67.7	125	200	295	407	532	671	793	883	950	1008	1052	1087	1109	1125	1134
-35	4.39	5.67	21.2	49.2	99.5	173	269	387	523	669	799	901	980	1042	1093	1134	1166	1185	1198
-30	4.95	13.4	39.6	85.1	158	253	379	524	684	830	932	1016	1085	1141	1186	1225	1243	1262	1270
-25	4.19	5.38	24.6	58.9	122	211	330	475	642	802	920	1013	1091	1153	1204	1249	1281	1299	1311
-20	4.66	15.7	45.5	102	187	303	448	623	798	924	1023	1105	1174	1228	1277	1316	1339	1352	1355
-15	3.94	5.05	26.7	65.5	137	238	374	537	722	876	989	1080	1155	1221	1272	1317	1350	1370	1380
-10	4.28	16.1	47.9	108	199	329	488	674	844	966	1065	1150	1218	1280	1324	1359	1387	1403	1409
-5	3.64	4.79	27.5	68.4	143	248	392	567	754	901	1014	1105	1180	1247	1299	1345	1376	1398	1409
0	3.88	16.5	49.1	111	204	334	498	688	854	975	1075	1155	1226	1281	1330	1372	1394	1410	1412
5	3.31	4.46	26.8	66.6	139	241	383	555	740	888	1000	1092	1168	1233	1284	1331	1362	1384	1394
10	3.57	14.9	45.5	102	188	311	466	646	817	940	1041	1123	1192	1250	1296	1331	1358	1372	1382
15	3.05	4.01	24.6	60.4	126	217	345	501	679	835	947	1039	1117	1180	1230	1274	1306	1328	1337
20	3.41	13.4	41.2	90.6	166	269	405	567	741	869	969	1055	1119	1174	1219	1257	1283	1296	1300
25	2.95	3.68	21.2	51.9	106	182	286	419	574	728	850	945	1020	1084	1136	1176	1209	1228	1240
30	3.20	10.3	34.3	71.9	132	212	320	451	598	740	850	931	1000	1060	1100	1139	1160	1174	1185
35	2.89	3.42	16.9	41.7	81.8	140	216	317	436	565	691	796	879	943	996	1033	1067	1084	1096
40	3.04	7.50	27.3	54.5	98.7	155	228	321	428	544	662	764	840	896	936	970	997	1009	1012
45	2.77	3.20	11.8	31.2	58.3	98.6	149	213	292	381	479	574	657	723	780	823	859	880	892
50	2.94	4.46	18.5	37.5	63.2	101	143	196	259	334	411	484	558	625	678	720	750	768	774
55	2.67	3.02	6.69	20.3	37.5	60.8	90.9	126	168	216	270	325	379	432	478	516	546	567	578
60	2.80	3.24	10.0	22.9	37.7	55.6	79.5	105	133	163	196	230	265	297	325	350	369	381	387
65	2.58	2.84	3.73	9.83	20.1	32.3	47.0	64.4	82.4	102	122	144	165	186	206	222	236	247	253
70	2.64	2.90	3.44	8.60	16.9	25.6	34.8	44.6	54.9	64.6	74.0	83.2	91.9	100	107	113	118	120	122
75	2.49	2.64	2.87	3.82	7.29	11.7	17.1	23.6	30.3	37.3	43.8	49.8	55.2	60.0	64.0	67.5	70.4	72.7	74.2
80	2.48	2.60	2.84	2.91	2.94	3.77	6.73	10.4	14.3	17.7	20.7	22.9	24.3	25.1	25.6	26.2	26.5	26.8	27.1
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=1.0248]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.2V I:0.1099A P:23.91W PF:0.9832 Lamp Flux:3653.39x1 lm																	
NAME: EV25B1205									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	71.1	70.8	70.0	68.6	66.5	63.1	58.2	52.3	45.8	39.2	32.5	25.4	19.1	13.8	9.99	8.64	8.17	6.70	
-75	157	156	154	150	143	135	124	111	97.9	83.0	67.9	52.9	39.5	28.6	19.7	12.8	8.77	7.64	
-70	243	239	232	223	210	195	175	155	132	109	84.8	63.8	45.9	32.3	20.7	11.2	8.11	6.53	
-65	417	411	399	382	359	332	299	263	225	186	148	113	81.9	56.3	36.5	21.5	10.1	7.46	
-60	585	568	546	515	476	430	381	328	270	217	168	123	85.7	54.7	33.6	16.7	7.88	6.33	
-55	762	753	733	708	670	621	559	488	410	334	263	199	142	93.7	57.1	31.9	13.1	7.14	
-50	932	915	891	859	808	739	653	555	458	364	279	202	137	85.4	47.9	23.7	7.71	6.04	
-45	1033	1023	1004	976	937	885	815	732	626	513	402	301	211	137	79.9	42.0	16.7	6.75	
-40	1126	1111	1087	1049	1008	950	879	786	659	525	400	287	191	115	61.8	28.9	7.43	5.79	
-35	1200	1189	1171	1140	1101	1053	990	914	815	688	542	403	281	181	104	51.7	20.3	6.31	
-30	1262	1250	1221	1184	1142	1081	1013	932	826	676	510	368	247	148	77.3	34.5	7.37	5.46	
-25	1311	1300	1284	1250	1211	1160	1096	1021	932	816	659	492	344	221	124	59.7	23.2	5.83	
-20	1348	1333	1309	1269	1224	1165	1091	1009	909	775	600	431	287	170	86.5	37.1	6.84	5.12	
-15	1382	1367	1349	1318	1276	1226	1162	1086	996	887	738	557	388	249	139	65.6	25.0	5.27	
-10	1402	1381	1358	1318	1270	1213	1144	1057	960	831	658	470	314	187	95.1	39.8	6.69	4.67	
-5	1410	1396	1376	1345	1303	1249	1189	1111	1021	914	772	586	407	261	145	67.9	25.4	4.66	
0	1407	1389	1363	1324	1272	1216	1145	1056	960	839	665	478	319	186	93.8	38.6	5.83	4.12	
5	1396	1383	1364	1331	1291	1237	1175	1097	1008	902	761	575	402	256	142	65.9	24.5	4.09	
10	1373	1357	1329	1292	1246	1187	1113	1032	934	809	637	455	302	179	90.0	37.3	6.04	3.64	
15	1340	1330	1308	1278	1237	1186	1122	1045	960	852	705	530	370	234	130	60.2	22.4	3.61	
20	1298	1281	1254	1217	1171	1113	1039	961	863	731	565	405	263	154	77.7	32.6	4.86	3.24	
25	1241	1234	1212	1182	1142	1092	1031	958	871	756	606	452	313	197	109	51.6	19.3	3.25	
30	1178	1164	1135	1102	1060	1002	937	858	750	611	460	327	215	126	64.8	28.5	4.30	2.93	
35	1098	1091	1070	1041	1004	958	897	825	729	609	478	350	241	152	85.4	41.8	15.7	2.95	
40	1010	996	971	940	898	843	773	682	570	453	339	237	154	91.8	47.9	21.8	3.41	2.68	
45	893	887	869	840	803	755	689	615	526	427	332	242	167	106	60.5	31.3	11.3	2.70	
50	772	758	735	700	652	594	519	445	365	286	215	152	101	61.4	34.4	15.7	2.93	2.49	
55	582	576	563	541	510	469	420	366	309	251	195	145	101	65.7	39.4	21.1	6.97	2.51	
60	388	379	367	345	320	291	256	220	183	147	113	82.2	55.9	35.8	21.1	8.74	2.58	2.36	
65	256	254	248	239	225	208	189	167	142	118	94.0	71.7	51.9	35.3	22.0	11.4	3.82	2.41	
70	123	122	120	116	111	104	94.7	84.4	72.7	60.0	47.9	36.7	26.8	17.8	9.73	3.87	2.44	2.32	
75	75.1	75.2	74.6	73.3	70.8	67.4	62.4	56.9	50.2	42.9	35.0	27.3	20.5	14.3	8.84	4.84	2.66	2.39	
80	27.3	27.7	27.8	27.4	26.6	25.5	23.8	21.7	19.3	16.2	12.8	9.43	6.40	3.92	2.82	2.49	2.43	2.35	
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=1.0248]

Remarks: