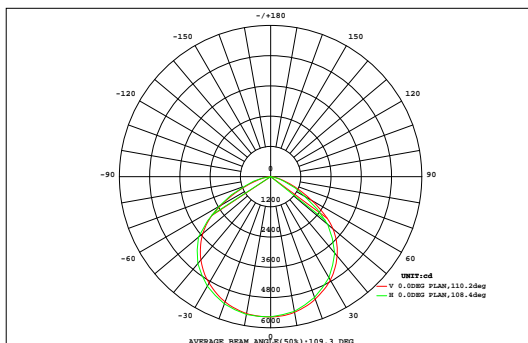


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220.1V I:0.4507A P:98.78W PF:0.9886 Lamp Flux:14632.3x1 lm		
NAME: EV100B1205	TYPE:	WEIGHT:4.27KG
SPEC.:	DIM.: 368*333*74mm	SERIAL No.:1
MFR.: Integratech	SUR.:272*170mm	PROTECTION ANGLE:



DATA OF LAMP		Eff:148.14lm/W	
MODEL	EV100B1205	Imax(cd)	5569
NOMINAL POWER(W)	100	AVAILABILITY(%)	97.7
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	14299
NOMINAL FLUX(lm)	14632.3	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	14632
TEST VOLTAGE(V)	220	θ @50%(H,V)	110,108DEG

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	0.04	0.21	0.87	2.16	3.97	6.07	8.06	9.66	10.6	10.9	10.3	8.96	7.10	4.95	2.86	1.26	0.36	0.04	88.3	3.59
70	0.04	0.61	2.30	5.46	10.3	16.3	22.4	27.4	30.3	30.5	28.1	23.7	18.0	12.0	6.76	2.97	0.85	0.07	238	195
60	0.08	1.10	4.29	11.1	22.1	35.9	49.8	60.6	66.5	66.4	60.7	50.3	37.1	23.9	13.0	5.39	1.44	0.12	510	495
50	0.13	1.65	7.01	19.1	38.7	61.9	82.4	97.6	106	106	97.5	82.2	61.8	39.8	21.0	8.43	2.14	0.18	833	824
40	0.18	2.29	10.2	28.6	56.2	84.0	106	122	130	131	122	107	84.1	56.3	29.8	11.7	2.86	0.23	1085	1078
30	0.22	2.88	13.3	37.3	69.0	97.2	121	138	147	147	138	121	97.8	69.4	38.2	14.8	3.53	0.28	1257	1252
	0.26	3.40	16.1	44.1	76.8	106	131	150	159	160	150	132	107	77.1	44.4	17.3	4.03	0.32	1378	1374
	0.28	3.73	17.8	47.6	81.0	111	138	156	166	167	157	138	112	81.7	48.3	18.9	4.38	0.35	1449	1445
	0.29	3.86	18.4	48.6	82.3	113	139	158	168	168	158	139	113	82.7	49.1	19.2	4.41	0.35	1468	1464
	0.28	3.70	17.4	46.5	80.2	111	137	156	166	166	156	137	111	81.0	47.6	18.4	4.24	0.34	1438	1434
-30	0.27	3.38	15.6	42.0	74.9	105	130	148	158	158	148	130	105	75.7	42.7	16.2	3.77	0.31	1355	1350
-40	0.24	2.83	12.5	34.3	65.0	94.2	118	135	144	144	136	118	95.1	66.5	35.2	13.4	3.18	0.27	1219	1213
-50	0.20	2.24	9.45	25.4	50.2	77.3	100	117	125	125	117	101	78.5	51.0	25.9	9.98	2.44	0.22	1018	1010
-60	0.16	1.61	6.27	16.3	32.1	52.3	72.0	86.6	94.2	94.4	87.1	73.3	53.6	33.3	17.2	6.78	1.74	0.18	729	718
-70	0.12	1.07	3.75	9.10	17.2	27.3	37.5	46.3	51.4	51.6	47.1	38.8	28.4	18.1	9.52	3.89	1.10	0.13	392	372
-80	0.09	0.59	1.90	4.17	7.32	10.8	14.2	17.1	18.9	19.2	18.0	15.2	11.5	7.52	4.16	1.86	0.59	0.09	153	72.0
-90	0.04	0.18	0.55	1.05	1.56	2.00	2.26	2.35	2.33	2.25	2.13	1.82	1.37	0.92	0.58	0.29	0.09	0.04	21.8	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(DEG)	20	30	40	50	60	70	80	90			
Φ t	2.92	35.3	158	423	769	1112	1409	1628	1745	1746	1632	1417	1123	782	436	171	41.1	3.52	14632	---
Φ a	0.00	12.1	132	403	747	1091	1388	1609	1727	1729	1615	1397	1101	764	417	149	16.8	0.00	---	14299

one-half-peak spread: U:57.2,D:51.6 , L:55.8,R:54.8

NEMA Beam Type: Type 7

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-6-8

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=1.0171]
Remarks:

ISOCANDELA DIAGRAM

Test:U:220.1V I:0.4507A P:98.78W PF:0.9886 Lamp Flux:14632.3x1 lm		
NAME: EV100B1205	TYPE:	WEIGHT:4.27KG
SPEC.:	DIM.: 368*333*74mm	SERIAL No.:1
MFR.: Integrattech	SUR.:272*170mm	PROTECTION ANGLE:

Conical surface Flux(90deg):

8685.4 lm

%lum = 59.4%

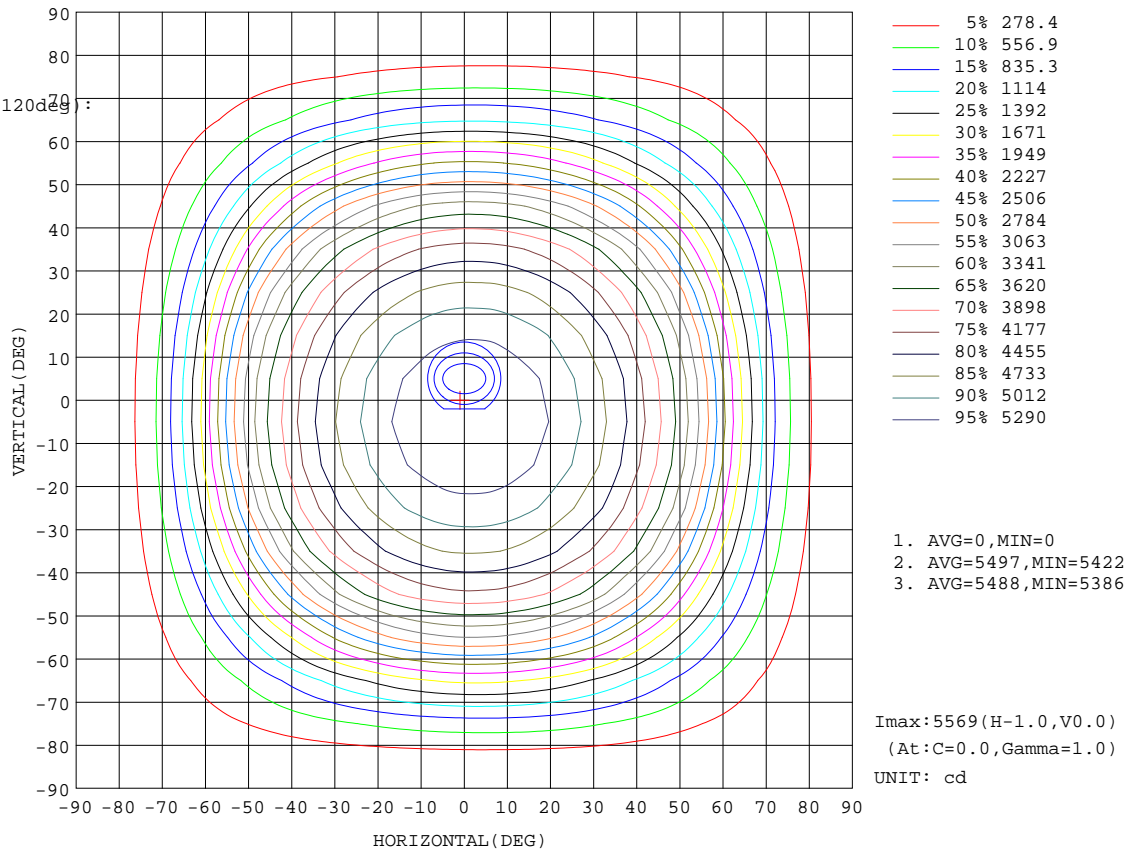
%lamp = 59.4%

Conical surface Flux(120deg):

12568 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:2022-6-8

V(B) Range:-80 - 80DEG

V(B) Interval: 5.0DEG

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

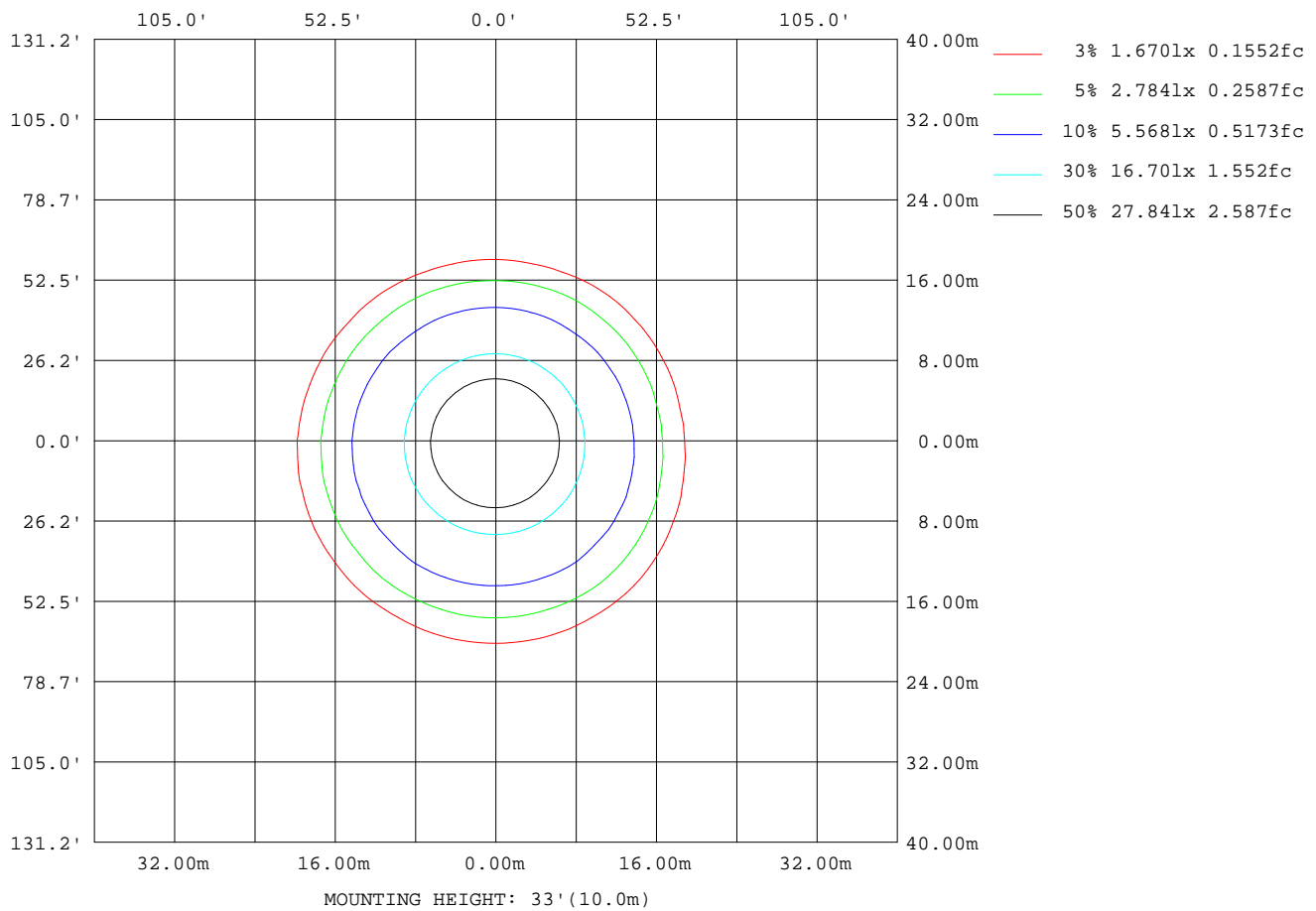
Humidity:65.0%

Test Distance:11.710m [K=1.0171]

Remarks:

ISOLUX DIAGRAM

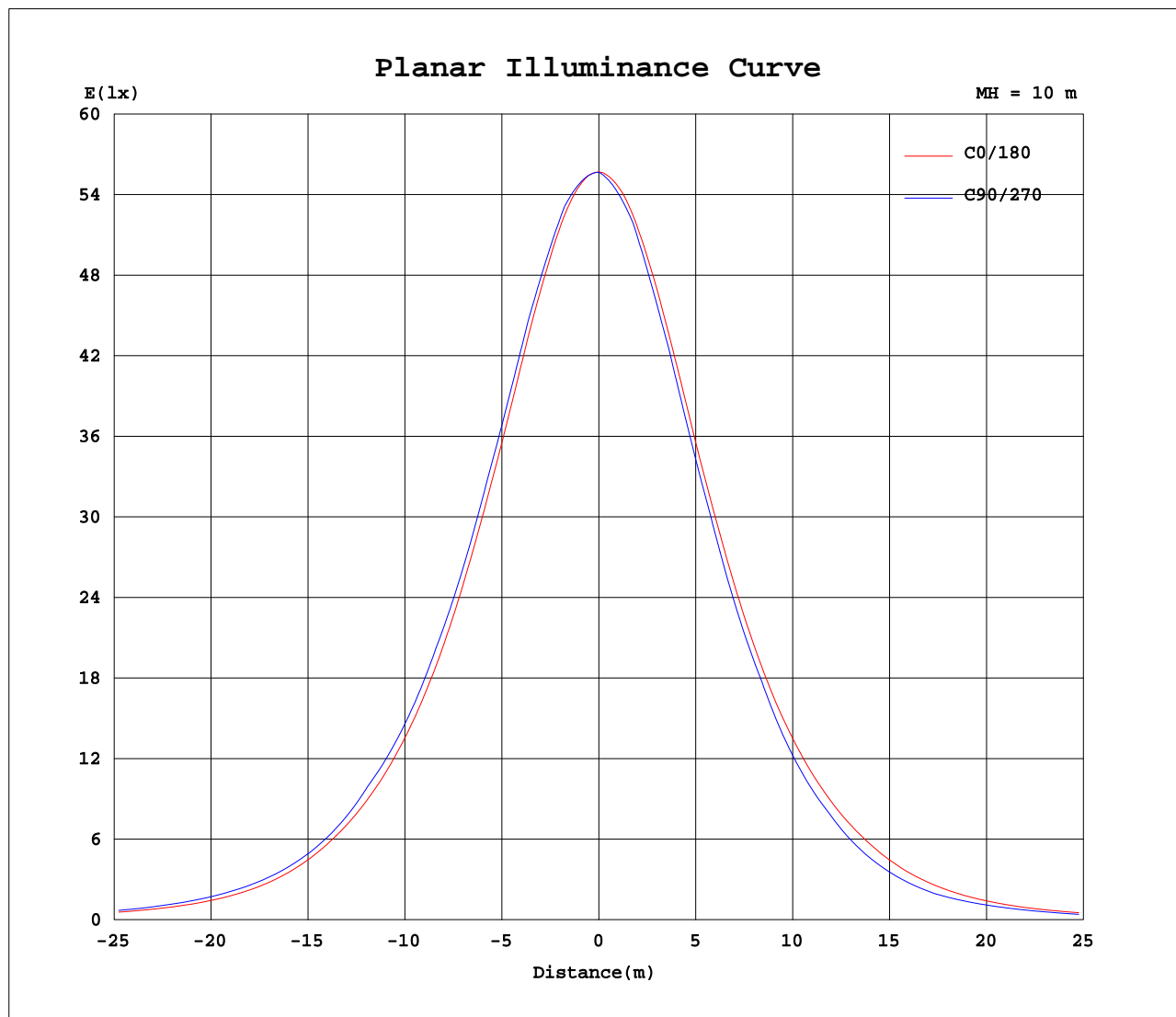
Test:U:220.1V I:0.4507A P:98.78W PF:0.9886 Lamp Flux:14632.3x1 lm		
NAME: EV100B1205	TYPE:	WEIGHT:4.27KG
SPEC.:	DIM.: 368*333*74mm	SERIAL No.:1
MFR.: Integratech	SUR.:272*170mm	PROTECTION ANGLE:



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-6-8

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=1.0171]
Remarks:

Planar Illuminance Curve

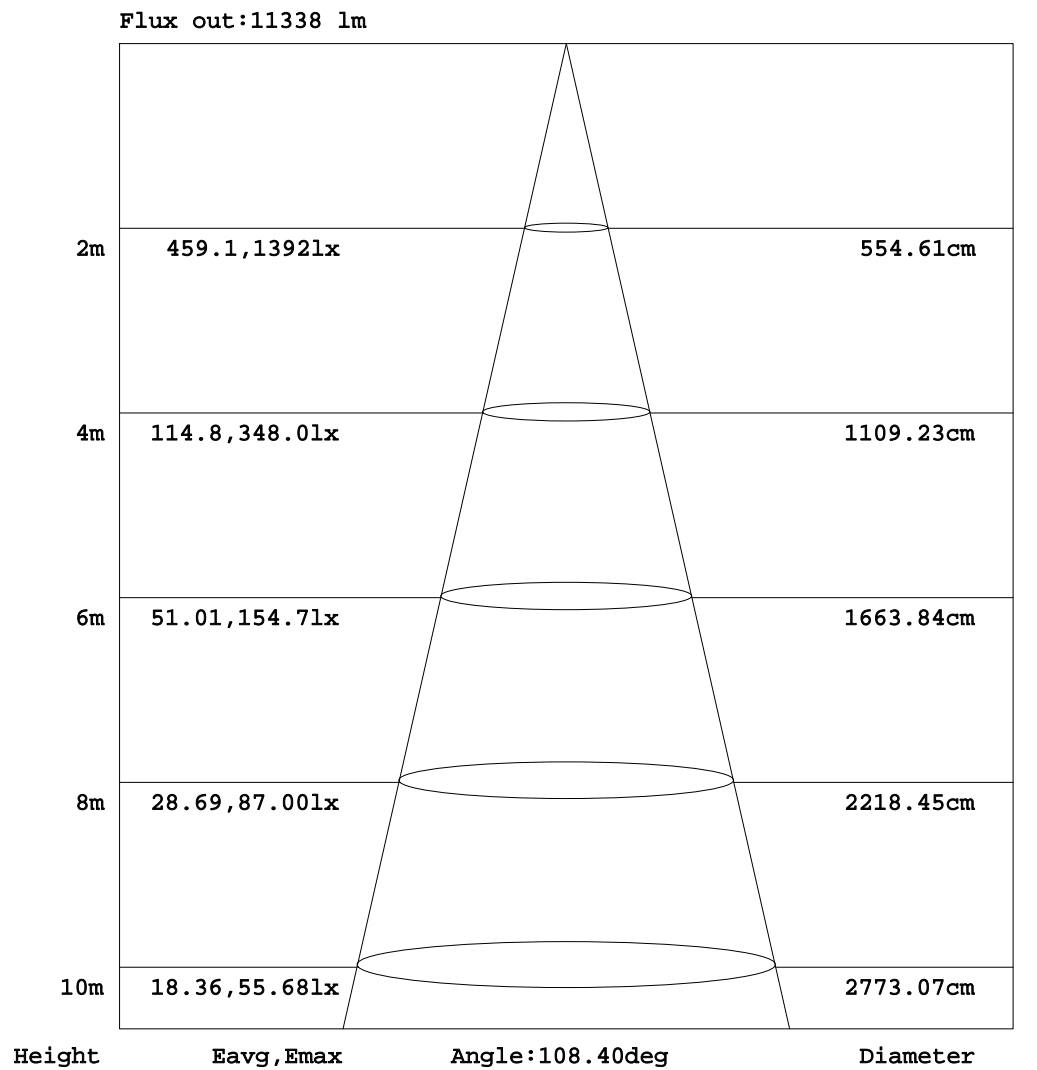


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-6-8

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=1.0171]
Remarks:

AAI Figure

Test:U:220.1V I:0.4507A P:98.78W PF:0.9886 Lamp Flux:14632.3x1 lm		
NAME: EV100B1205	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:2022-6-8

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=1.0171]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.1V I:0.4507A P:98.78W PF:0.9886 Lamp Flux:14632.3x1 lm																	
NAME: EV100B1205									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	25.6	28.6	31.1	48.1	73.7	100	128	155	184	211	236	259	278	294	308	318	326	331	335
-75	23.1	26.5	33.7	57.3	91.9	132	177	229	284	341	399	455	506	554	597	635	666	689	701
-70	24.2	28.6	62.5	107	157	215	284	366	453	544	630	713	792	867	935	991	1035	1062	1077
-65	21.2	25.1	50.7	104	168	248	349	472	607	753	906	1062	1207	1339	1459	1563	1640	1696	1724
-60	22.7	39.7	102	175	268	398	555	737	934	1148	1366	1584	1784	1958	2112	2236	2318	2370	2378
-55	19.5	24.0	74.7	153	258	405	595	830	1094	1383	1677	1973	2256	2490	2685	2842	2953	3026	3062
-50	21.2	53.6	138	247	415	631	902	1230	1590	1968	2346	2707	3018	3268	3457	3595	3680	3735	3741
-45	18.1	24.2	98.0	205	364	599	900	1279	1701	2148	2579	2956	3280	3539	3748	3904	4019	4089	4124
-40	20.2	69.5	177	337	583	910	1337	1823	2340	2859	3284	3606	3866	4071	4242	4362	4446	4493	4503
-35	17.2	25.3	118	254	473	794	1225	1748	2310	2855	3310	3671	3966	4202	4397	4548	4662	4735	4764
-30	19.3	80.0	207	414	725	1161	1717	2336	2946	3424	3794	4103	4365	4569	4744	4883	4975	5022	5025
-25	16.4	26.4	134	299	572	974	1523	2157	2802	3337	3748	4090	4379	4623	4824	4981	5094	5172	5200
-20	18.2	92.6	237	482	864	1410	2063	2762	3329	3761	4134	4440	4693	4921	5101	5228	5319	5368	5377
-15	15.3	26.3	144	329	639	1103	1729	2437	3094	3588	3993	4338	4628	4882	5085	5247	5356	5436	5470
-10	16.7	94.6	247	514	928	1517	2219	2933	3473	3916	4289	4605	4870	5089	5280	5405	5493	5561	5555
-5	14.1	25.7	148	342	667	1162	1821	2556	3196	3679	4082	4426	4724	4970	5176	5341	5454	5532	5566
0	15.3	97.0	254	527	955	1572	2287	2989	3515	3940	4310	4624	4881	5107	5287	5419	5516	5554	5568
5	13.0	24.4	145	337	653	1137	1785	2510	3144	3626	4023	4368	4657	4905	5114	5272	5387	5466	5495
10	14.1	90.0	237	494	888	1455	2135	2831	3372	3801	4177	4470	4741	4968	5141	5266	5372	5413	5434
15	12.1	21.5	134	310	596	1029	1622	2298	2935	3425	3820	4158	4442	4688	4889	5041	5157	5235	5267
20	13.3	82.9	216	440	787	1285	1897	2551	3107	3532	3886	4197	4448	4661	4835	4957	5050	5105	5101
25	11.7	18.2	119	268	510	865	1358	1942	2540	3054	3458	3790	4073	4303	4496	4646	4760	4836	4867
30	12.6	69.0	181	363	631	1004	1497	2051	2613	3077	3439	3739	3978	4186	4353	4477	4570	4618	4626
35	11.4	15.0	98.4	217	403	671	1033	1486	1981	2470	2891	3238	3519	3749	3937	4079	4189	4260	4294
40	12.1	54.8	146	279	473	744	1091	1502	1945	2381	2778	3098	3344	3548	3705	3823	3902	3947	3957
45	11.1	13.0	75.3	164	292	478	716	1015	1357	1724	2085	2413	2684	2918	3106	3251	3364	3429	3463
50	11.6	31.3	105	192	318	481	684	927	1205	1503	1798	2072	2315	2524	2692	2823	2916	2960	2964
55	10.7	11.8	48.4	112	192	300	438	604	796	1008	1226	1441	1642	1825	1974	2097	2188	2245	2265
60	11.2	16.2	67.1	123	190	276	382	500	636	775	916	1057	1193	1310	1410	1485	1539	1561	1565
65	10.4	11.2	23.7	64.1	111	165	232	308	394	488	584	679	771	857	929	990	1036	1068	1079
70	10.6	11.2	26.7	59.9	94.6	131	172	216	263	316	366	412	452	491	525	554	575	588	594
75	10.1	10.4	11.8	25.5	43.3	66.1	92.4	121	152	183	217	247	275	300	322	341	356	367	372
80	10.1	10.2	11.0	11.6	17.8	31.5	47.0	62.4	77.6	91.4	104	117	127	136	142	147	150	152	154
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:2022-6-8

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=1.0171]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.1V I:0.4507A P:98.78W PF:0.9886 Lamp Flux:14632.3x1 lm																		
NAME: EV100B1205									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	335	332	325	314	298	275	249	221	192	164	138	113	86.4	61.6	42.9	34.1	32.4	26.3	
-75	706	701	688	662	626	582	530	471	408	343	281	224	171	125	87.3	55.9	35.7	30.2	
-70	1075	1056	1020	970	906	827	740	647	545	446	354	271	197	141	92.3	50.1	32.3	25.7	
-65	1725	1700	1652	1578	1482	1364	1231	1081	925	765	612	470	345	242	158	96.1	44.3	29.6	
-60	2355	2291	2199	2079	1921	1744	1542	1330	1112	897	696	515	362	236	146	75.8	31.6	25.0	
-55	3053	3014	2933	2816	2663	2465	2218	1941	1650	1357	1075	815	586	394	246	140	59.3	28.4	
-50	3722	3642	3532	3382	3178	2903	2568	2204	1839	1476	1137	831	570	361	209	106	32.2	23.6	
-45	4114	4073	3987	3861	3688	3481	3199	2868	2481	2040	1607	1208	857	563	344	184	75.0	26.8	
-40	4473	4406	4292	4140	3969	3734	3443	3085	2602	2080	1592	1151	776	484	271	129	32.2	22.6	
-35	4756	4714	4628	4506	4330	4135	3882	3573	3191	2709	2150	1609	1135	739	439	228	91.2	24.9	
-30	5000	4930	4820	4665	4468	4247	3961	3627	3222	2675	2051	1478	994	611	335	153	33.8	21.2	
-25	5196	5148	5059	4928	4752	4547	4294	3982	3625	3189	2606	1953	1371	888	519	267	105	22.8	
-20	5345	5269	5150	4987	4788	4567	4260	3921	3537	3037	2374	1705	1142	691	378	166	32.1	19.8	
-15	5462	5415	5317	5179	5009	4792	4534	4220	3862	3440	2894	2199	1538	993	578	293	114	20.6	
-10	5539	5448	5329	5178	4971	4727	4434	4099	3711	3224	2591	1865	1250	760	407	178	31.9	17.9	
-5	5557	5515	5412	5278	5099	4879	4622	4313	3951	3529	2998	2301	1609	1038	602	301	117	18.3	
0	5541	5465	5340	5175	4968	4737	4445	4105	3707	3228	2593	1868	1250	753	407	174	27.5	16.0	
5	5495	5445	5349	5219	5033	4825	4572	4255	3894	3474	2938	2245	1572	1016	590	295	114	16.1	
10	5399	5319	5213	5048	4858	4620	4329	3987	3598	3111	2472	1777	1198	729	392	170	27.4	14.2	
15	5263	5212	5121	4994	4821	4610	4354	4046	3689	3265	2708	2045	1437	934	545	275	106	14.3	
20	5080	4998	4891	4739	4543	4300	4022	3689	3300	2792	2147	1550	1046	638	348	151	21.7	12.6	
25	4860	4813	4726	4602	4437	4227	3979	3687	3324	2873	2308	1730	1224	801	471	241	94.3	12.8	
30	4600	4528	4424	4275	4096	3863	3602	3267	2842	2294	1765	1281	872	539	298	134	18.5	11.4	
35	4286	4242	4156	4039	3879	3674	3429	3115	2726	2279	1799	1357	969	640	383	197	76.9	11.6	
40	3932	3862	3757	3616	3431	3202	2899	2517	2095	1678	1295	952	653	410	228	107	14.4	10.4	
45	3454	3408	3321	3194	3030	2816	2571	2270	1934	1591	1266	965	694	465	284	151	53.9	10.6	
50	2932	2861	2741	2583	2384	2147	1894	1627	1365	1107	869	647	448	291	166	80.8	12.1	9.65	
55	2258	2217	2148	2042	1910	1746	1567	1372	1174	979	790	612	447	304	192	107	32.1	9.85	
60	1544	1499	1434	1346	1249	1133	1009	881	750	621	495	376	265	175	109	44.7	10.1	9.25	
65	1077	1057	1026	978	919	851	773	688	598	507	415	326	245	173	114	62.4	17.0	9.46	
70	592	582	563	538	511	476	433	389	337	282	229	178	135	95.2	55.5	20.1	9.54	9.12	
75	374	372	366	353	338	319	296	269	239	205	170	135	103	75.0	48.3	25.4	10.8	9.40	
80	156	156	154	150	144	136	126	115	101	85.9	69.9	52.8	35.9	21.8	12.0	9.88	9.52	9.30	
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:2022-6-8

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=1.0171]

Remarks: