



**ISOCANDELA DIAGRAM**

Test:U:220.1V I:0.4485A P:97.58W PF:0.9884 Lamp Flux:13551.2x1 lm		
NAME: EV100B1203	TYPE:	WEIGHT:4.27KG
SPEC.:	DIM.: 368*333*74mm	SERIAL No.:1
MFR.: Integratech	SUR.:272*170mm	PROTECTION ANGLE:

Conical surface Flux(90deg):

8040.7 lm

%lum = 59.4%

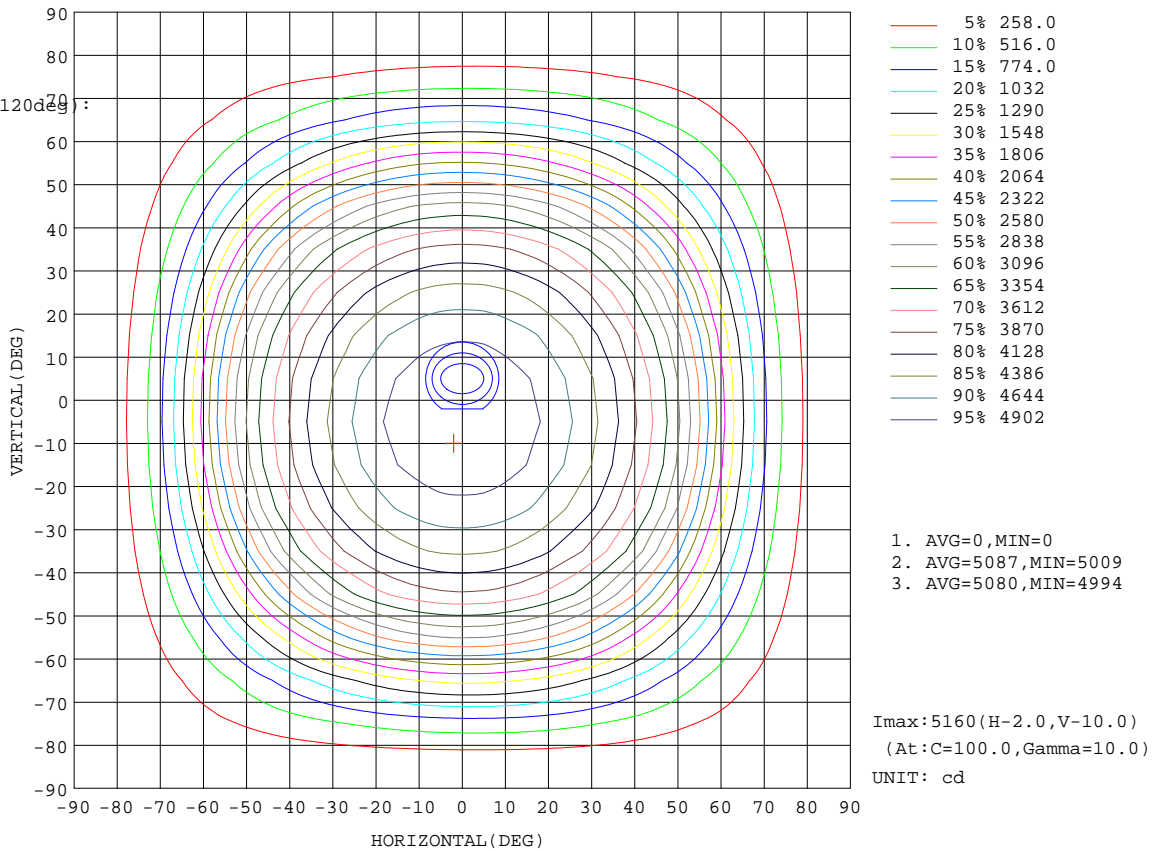
%lamp = 59.3%

Conical surface Flux(120deg):

11635 lm

%lum = 86.0%

%lamp = 85.9%

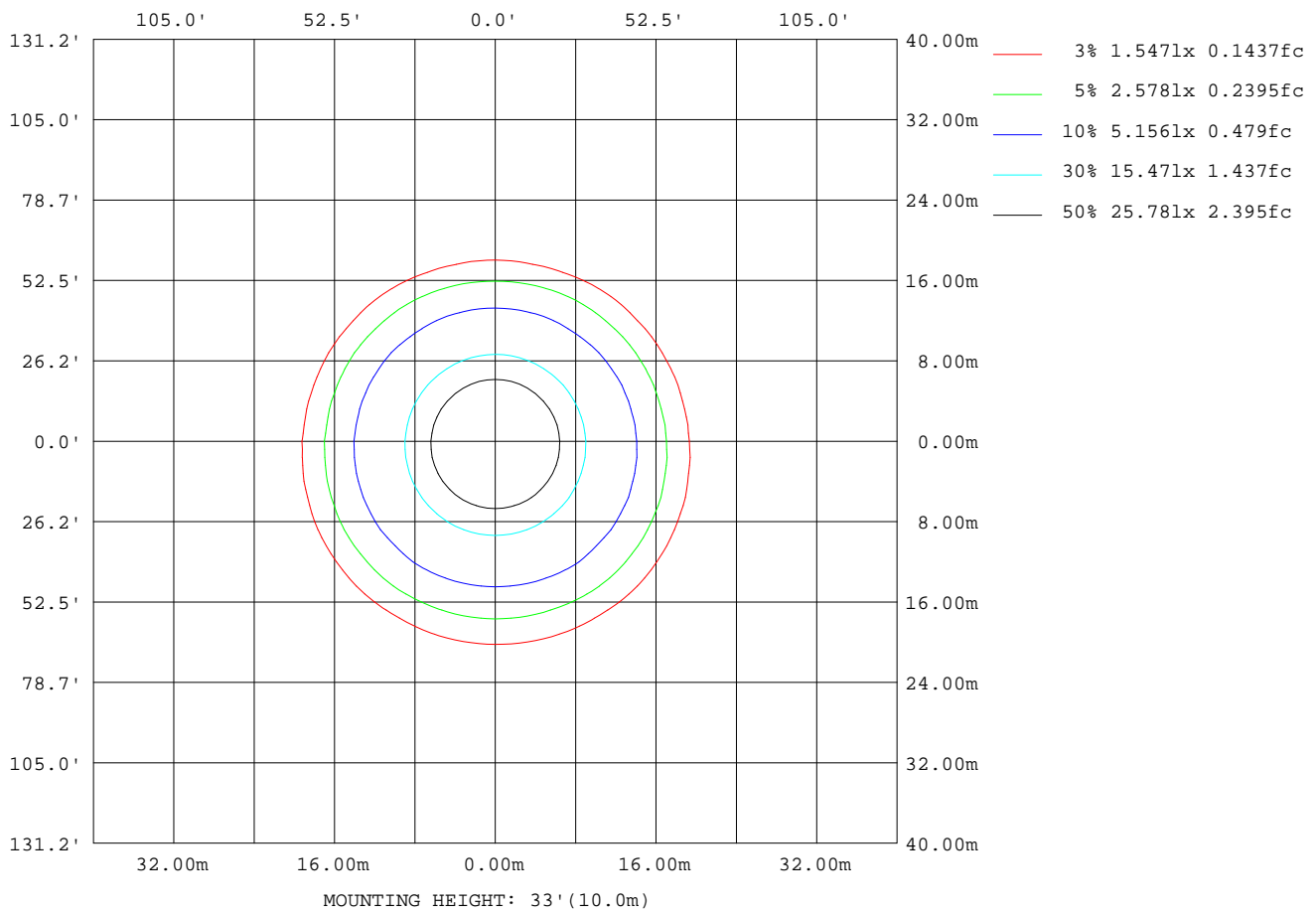


H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2022-6-8

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=0.9863]  
Remarks:

**ISOLUX DIAGRAM**

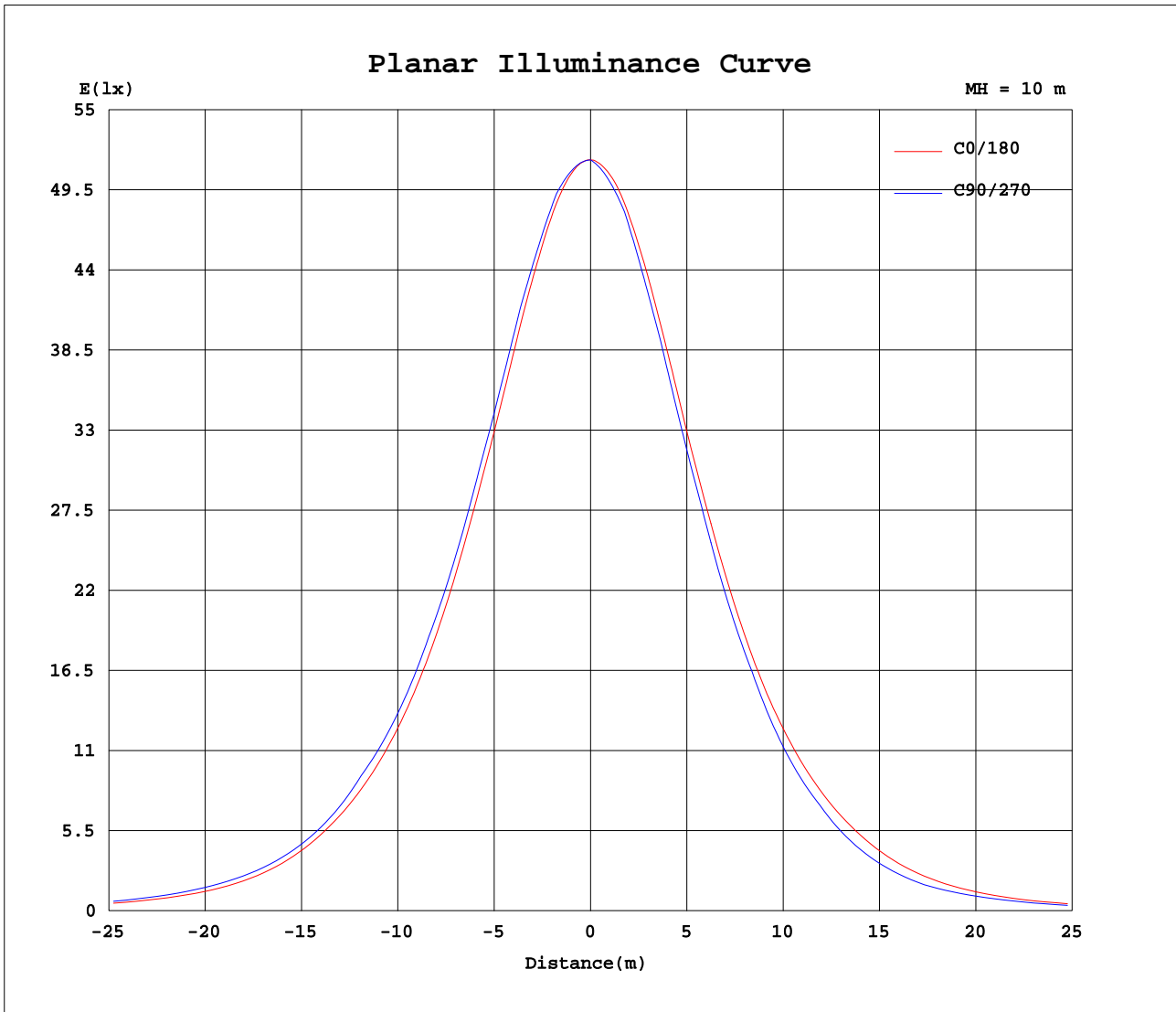
Test:U:220.1V I:0.4485A P:97.58W PF:0.9884 Lamp Flux:13551.2x1 lm		
NAME: EV100B1203	TYPE:	WEIGHT:4.27KG
SPEC.:	DIM.: 368*333*74mm	SERIAL No.:1
MFR.: Integratech	SUR.:272*170mm	PROTECTION ANGLE:



H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) 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=0.9863]  
 Remarks:

**Planar Illuminance Curve**



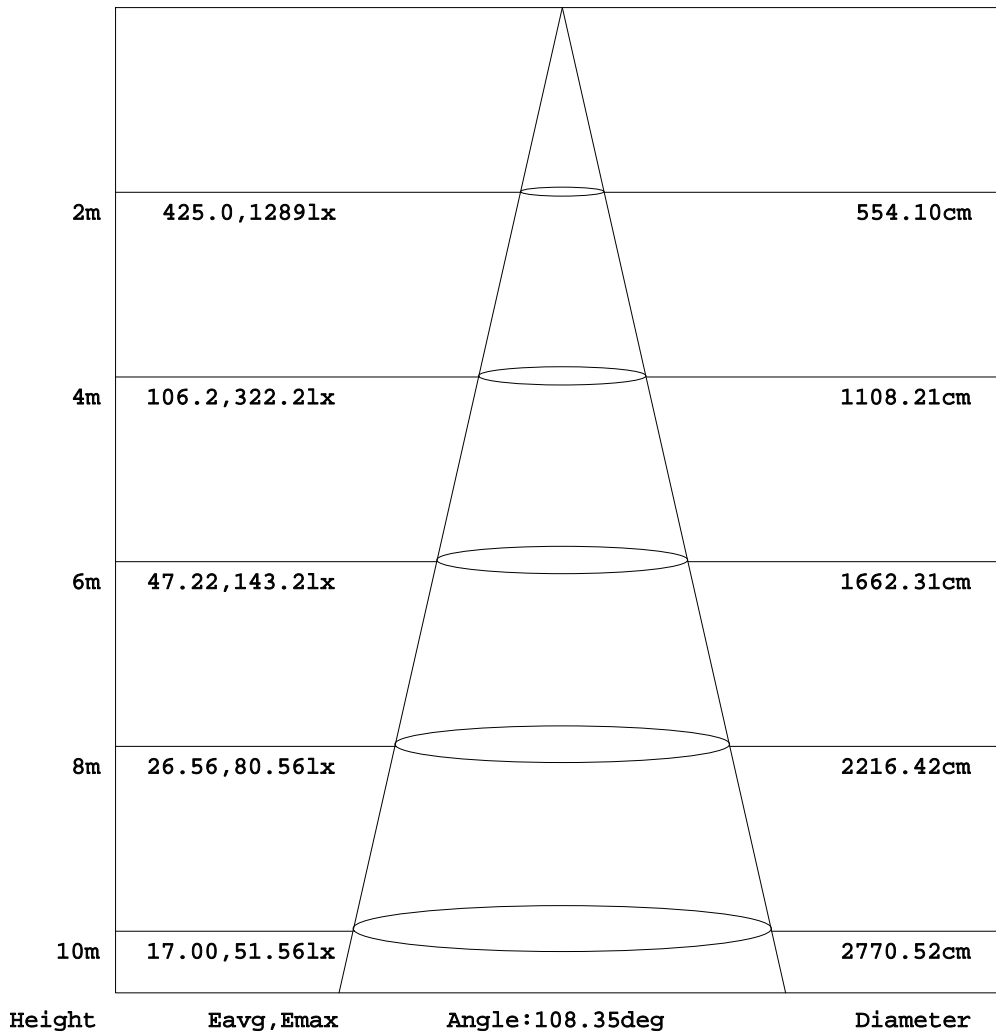
H( $\beta$ ) Range:-90 - 90DEG  
 H( $\beta$ ) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2022-6-8

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=0.9863]  
 Remarks:

**AAI Figure**

Test:U:220.1V I:0.4485A P:97.58W PF:0.9884 Lamp Flux:13551.2x1 lm		
NAME: EV100B1203	TYPE:	WEIGHT:4.27KG
SPEC.:	DIM.: 368*333*74mm	SERIAL No.:1
MFR.: Integrattech	SUR.:272*170mm	PROTECTION ANGLE:

Flux out:10497 lm



Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H( $\beta$ ) Range:-90 - 90DEG  
H( $\beta$ ) 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=0.9863]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.1V I:0.4485A P:97.58W PF:0.9884 Lamp Flux:13551.2x1 lm		
NAME: EV100B1203	TYPE:	WEIGHT:4.27KG
SPEC.:	DIM.: 368*333*74mm	SERIAL No.:1
MFR.: Integratech	SUR.:272*170mm	PROTECTION ANGLE:

Table--1

UNIT: cd

H( DEG) V( DEG)	-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	23.2	26.3	27.8	38.6	61.4	85.8	111	137	164	189	214	235	254	270	283	293	303	309	312
-75	22.4	25.7	37.2	62.8	96.6	135	178	229	281	335	389	438	485	530	570	601	628	647	657
-70	21.6	25.1	46.6	87.0	132	184	245	320	398	481	564	641	716	789	856	909	954	986	1002
-65	20.8	25.3	61.7	114	176	258	358	477	605	744	888	1029	1162	1283	1391	1481	1546	1591	1610
-60	20.0	25.4	76.9	141	221	331	470	633	812	1007	1211	1417	1608	1777	1926	2053	2138	2197	2218
-55	19.3	28.0	90.3	168	277	427	616	844	1097	1370	1643	1917	2170	2376	2547	2682	2771	2832	2851
-50	18.7	30.5	104	196	334	524	761	1054	1381	1733	2076	2417	2732	2974	3168	3310	3404	3466	3485
-45	18.1	34.6	118	229	397	635	938	1304	1706	2125	2511	2845	3130	3353	3536	3667	3759	3818	3837
-40	17.6	38.6	132	261	460	746	1115	1554	2030	2517	2945	3273	3528	3731	3905	4024	4115	4169	4189
-35	17.2	41.3	143	290	519	848	1280	1776	2303	2789	3184	3500	3761	3962	4133	4263	4357	4413	4428
-30	16.9	43.9	153	318	578	951	1444	1998	2576	3060	3423	3728	3994	4192	4362	4503	4598	4656	4667
-25	16.4	47.8	162	343	630	1045	1585	2186	2763	3220	3577	3885	4141	4351	4527	4662	4755	4815	4828
-20	15.9	51.7	172	368	681	1138	1726	2374	2951	3379	3732	4042	4287	4509	4692	4822	4912	4974	4989
-15	15.3	53.5	175	381	706	1186	1797	2459	3020	3448	3803	4111	4366	4585	4767	4901	4990	5058	5073
-10	14.7	55.4	178	393	730	1234	1867	2545	3090	3517	3874	4179	4445	4661	4843	4980	5068	5142	5156
-5	14.1	56.6	180	396	739	1251	1890	2566	3106	3529	3883	4188	4450	4664	4846	4983	5077	5139	5156
0	13.4	57.9	182	398	747	1267	1912	2587	3122	3540	3892	4197	4455	4667	4849	4986	5086	5136	5156
5	12.9	55.3	176	386	721	1224	1851	2514	3053	3471	3825	4127	4380	4602	4780	4912	5014	5068	5090
10	12.4	52.8	169	373	695	1180	1790	2441	2985	3402	3757	4057	4306	4536	4711	4837	4942	5000	5025
15	12.0	50.4	163	354	657	1106	1683	2310	2858	3280	3628	3927	4174	4393	4567	4691	4794	4853	4870
20	11.6	47.9	156	335	618	1031	1575	2178	2732	3158	3500	3797	4043	4251	4423	4544	4646	4705	4715
25	11.3	41.2	143	306	558	922	1410	1961	2500	2942	3288	3582	3825	4028	4200	4322	4419	4478	4492
30	11.1	34.4	131	276	498	813	1245	1744	2267	2725	3077	3367	3606	3806	3976	4099	4192	4252	4268
35	10.9	28.4	119	245	437	709	1072	1504	1966	2398	2767	3070	3310	3509	3674	3794	3883	3937	3958
40	10.7	22.4	107	214	375	604	899	1264	1665	2071	2457	2773	3014	3211	3373	3489	3574	3622	3649
45	10.3	18.2	91.2	182	313	500	736	1022	1346	1683	2012	2303	2541	2739	2903	3027	3118	3167	3187
50	10.00	13.9	75.8	150	251	396	573	781	1027	1294	1567	1832	2068	2267	2433	2565	2661	2712	2725
55	9.96	12.4	61.5	123	203	311	446	603	787	983	1184	1381	1562	1719	1849	1954	2029	2070	2081
60	9.93	10.8	47.2	96.7	155	226	319	424	546	671	800	931	1057	1171	1266	1343	1397	1428	1437
65	9.71	10.4	31.7	70.9	115	168	232	304	386	472	561	647	730	805	869	921	959	982	989
70	9.49	9.95	16.1	45.1	76.5	110	146	184	227	273	321	364	402	439	472	498	520	535	542
75	9.29	9.60	13.0	27.7	44.9	67.2	92.3	119	147	176	207	233	258	280	300	315	328	337	341
80	9.09	9.24	9.93	10.3	13.4	24.6	38.5	52.8	66.6	79.3	91.6	103	113	121	128	132	135	138	140
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=0.9863]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.1V I:0.4485A P:97.58W PF:0.9884 Lamp Flux:13551.2x1 lm		
NAME: EV100B1203	TYPE:	WEIGHT:4.27KG
SPEC.:	DIM.: 368*333*74mm	SERIAL No.:1
MFR.: Integratech	SUR.:272*170mm	PROTECTION ANGLE:

Table--2

UNIT: cd

H( DEG ) V( DEG )	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	313	310	306	297	283	263	240	215	187	161	136	112	88.3	64.2	44.6	32.8	31.2	26.3
-75	658	651	635	609	573	529	478	423	362	303	246	194	146	105	71.9	45.1	31.3	26.1
-70	1004	992	963	921	863	794	716	631	536	445	356	275	203	146	99.1	57.5	31.4	25.9
-65	1604	1573	1521	1447	1349	1236	1105	965	817	670	529	402	290	199	128	73.0	32.8	25.5
-60	2203	2154	2078	1973	1836	1677	1494	1299	1097	895	702	528	378	253	157	88.5	34.1	25.1
-55	2838	2785	2700	2582	2427	2231	1988	1729	1454	1186	926	691	487	319	195	107	37.9	24.5
-50	3473	3415	3323	3192	3018	2785	2482	2158	1812	1477	1151	855	596	385	232	125	41.8	23.9
-45	3821	3766	3673	3546	3378	3163	2884	2570	2188	1778	1381	1021	709	455	268	137	43.9	23.2
-40	4168	4117	4023	3900	3738	3542	3285	2982	2565	2078	1611	1188	822	525	304	150	46.0	22.5
-35	4412	4360	4267	4141	3971	3776	3523	3223	2839	2374	1845	1356	936	592	340	166	50.8	21.7
-30	4657	4603	4511	4383	4203	4010	3760	3463	3114	2670	2079	1525	1050	660	377	183	55.6	21.0
-25	4816	4759	4665	4528	4353	4160	3900	3601	3256	2821	2239	1643	1130	708	401	190	56.5	20.1
-20	4976	4914	4819	4673	4502	4310	4040	3738	3398	2971	2399	1761	1209	755	425	197	57.4	19.3
-15	5060	4997	4898	4759	4588	4382	4114	3819	3475	3058	2503	1845	1264	790	442	207	63.4	18.3
-10	5143	5079	4978	4845	4675	4455	4188	3901	3553	3144	2606	1928	1319	824	459	218	69.4	17.3
-5	5143	5083	4979	4846	4666	4457	4196	3900	3552	3140	2602	1928	1319	824	459	213	68.9	16.3
0	5142	5087	4980	4847	4658	4459	4203	3900	3550	3136	2598	1928	1320	824	458	209	68.3	15.4
5	5076	5017	4916	4785	4601	4401	4147	3844	3495	3085	2541	1880	1289	806	450	208	68.3	14.4
10	5011	4948	4853	4723	4544	4343	4090	3788	3440	3034	2485	1832	1259	788	442	208	68.3	13.5
15	4858	4795	4704	4573	4400	4194	3944	3648	3303	2885	2324	1711	1179	741	416	195	61.9	12.8
20	4705	4641	4556	4422	4255	4045	3797	3508	3167	2735	2164	1590	1099	694	391	182	55.5	12.0
25	4480	4421	4333	4206	4042	3836	3597	3311	2957	2509	1967	1448	1004	637	362	171	49.7	11.4
30	4256	4201	4109	3990	3829	3628	3397	3114	2746	2283	1771	1307	909	579	334	159	43.8	10.8
35	3944	3889	3799	3681	3522	3323	3080	2773	2396	1971	1533	1137	794	510	293	142	34.4	10.3
40	3632	3577	3489	3372	3216	3018	2763	2433	2046	1659	1294	968	679	441	253	124	25.0	9.84
45	3170	3114	3023	2896	2731	2527	2285	1999	1687	1374	1078	810	569	373	218	111	21.6	9.47
50	2709	2651	2557	2419	2245	2036	1807	1565	1328	1089	862	652	460	305	182	96.7	18.3	9.10
55	2066	2019	1945	1839	1710	1555	1384	1204	1025	847	675	514	366	244	149	77.7	14.9	8.87
60	1424	1386	1334	1260	1174	1073	960	843	722	605	489	377	272	183	117	58.8	11.5	8.63
65	983	960	925	879	824	758	684	606	522	439	355	276	203	140	89.1	42.8	10.3	8.55
70	542	534	517	499	475	443	407	369	322	273	222	175	134	97.5	61.4	26.9	9.02	8.46
75	342	338	329	318	304	285	263	238	209	178	145	114	85.6	60.5	37.2	18.0	8.90	8.51
80	142	142	140	138	133	127	118	108	95.5	82.3	68.0	52.8	37.2	23.5	12.9	9.12	8.78	8.55
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=0.9863]  
Remarks: