

Floodlight Summary:

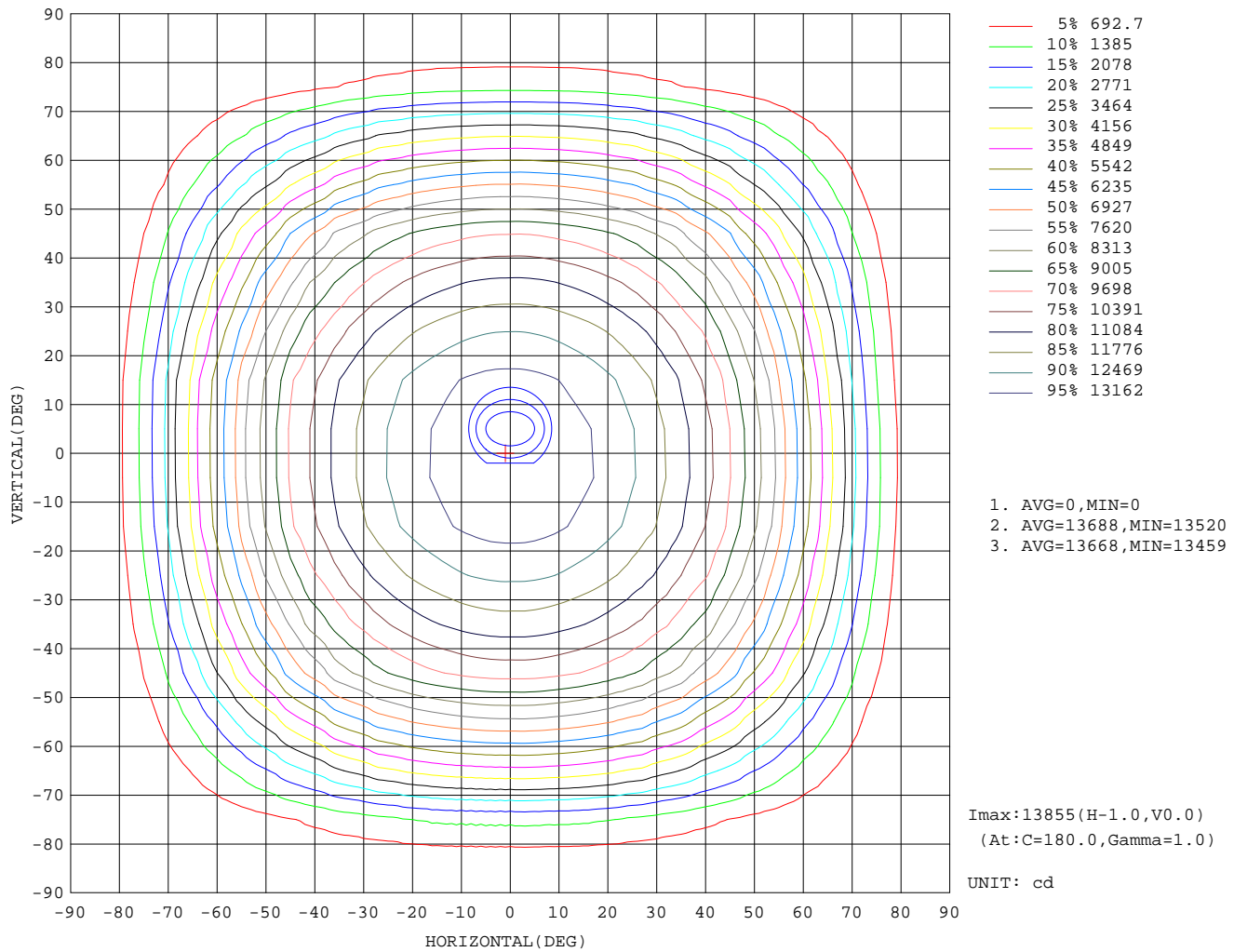
Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)		359.1 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of I _{max} At 50% of I _{max} At 90% of I _{max}	149.7V x 152.0H 112.3V x 113.2H 52.0V x 53.4H
Beam Flux	Total To 10% of I _{max} To 50% of I _{max} To 90% of I _{max}	997.6 lumens per klm. 985.6 lumens per klm. 785.6 lumens per klm. 214.7 lumens per klm.
	Upward LOR Downward LOR	0.0 % 99.8 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:09 March 2020

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.640m [K=1.0000]
Remarks:

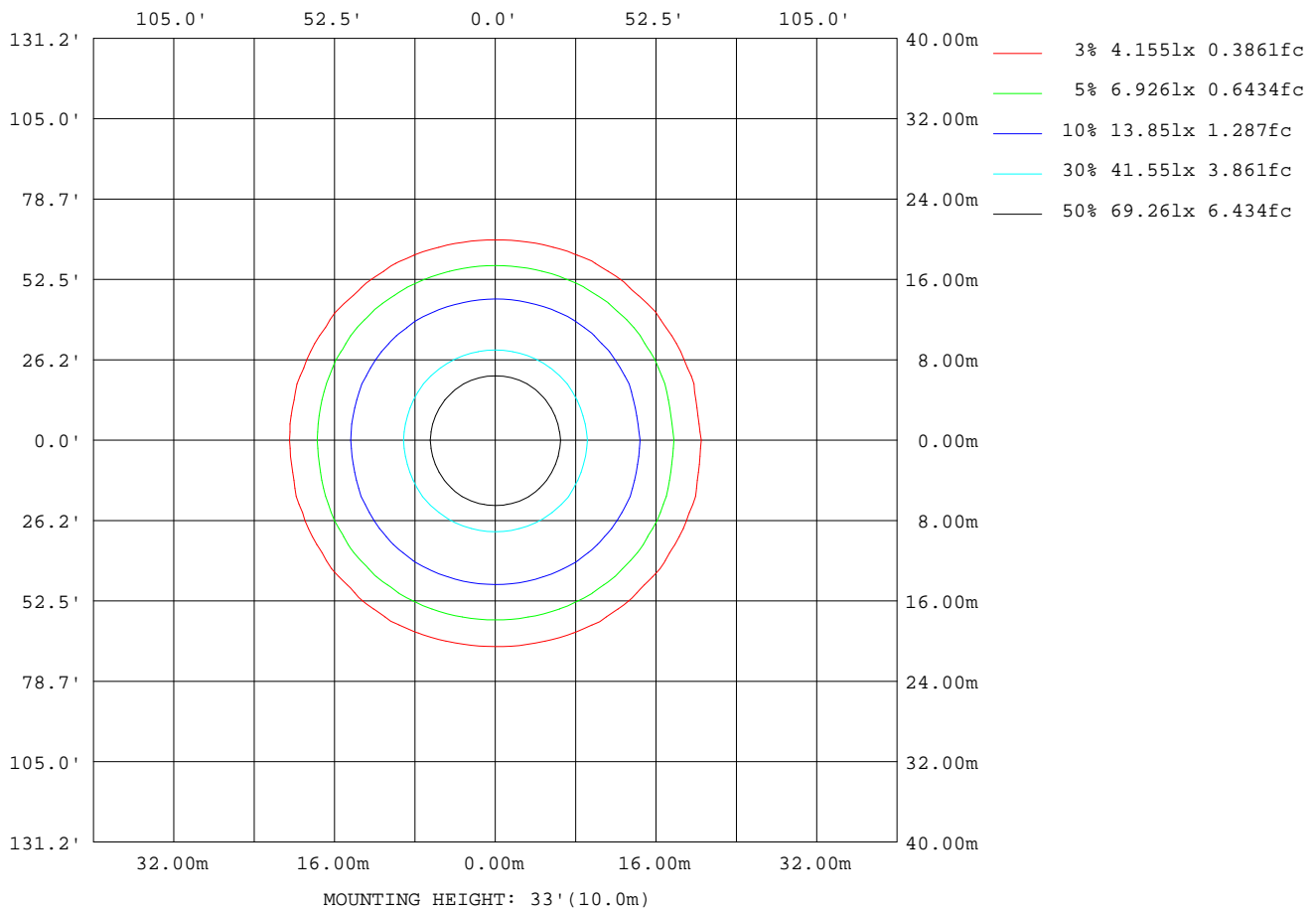
ISOCANDELA DIAGRAM



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:09 March 2020

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:7.640m [K=1.0000]
 Remarks:

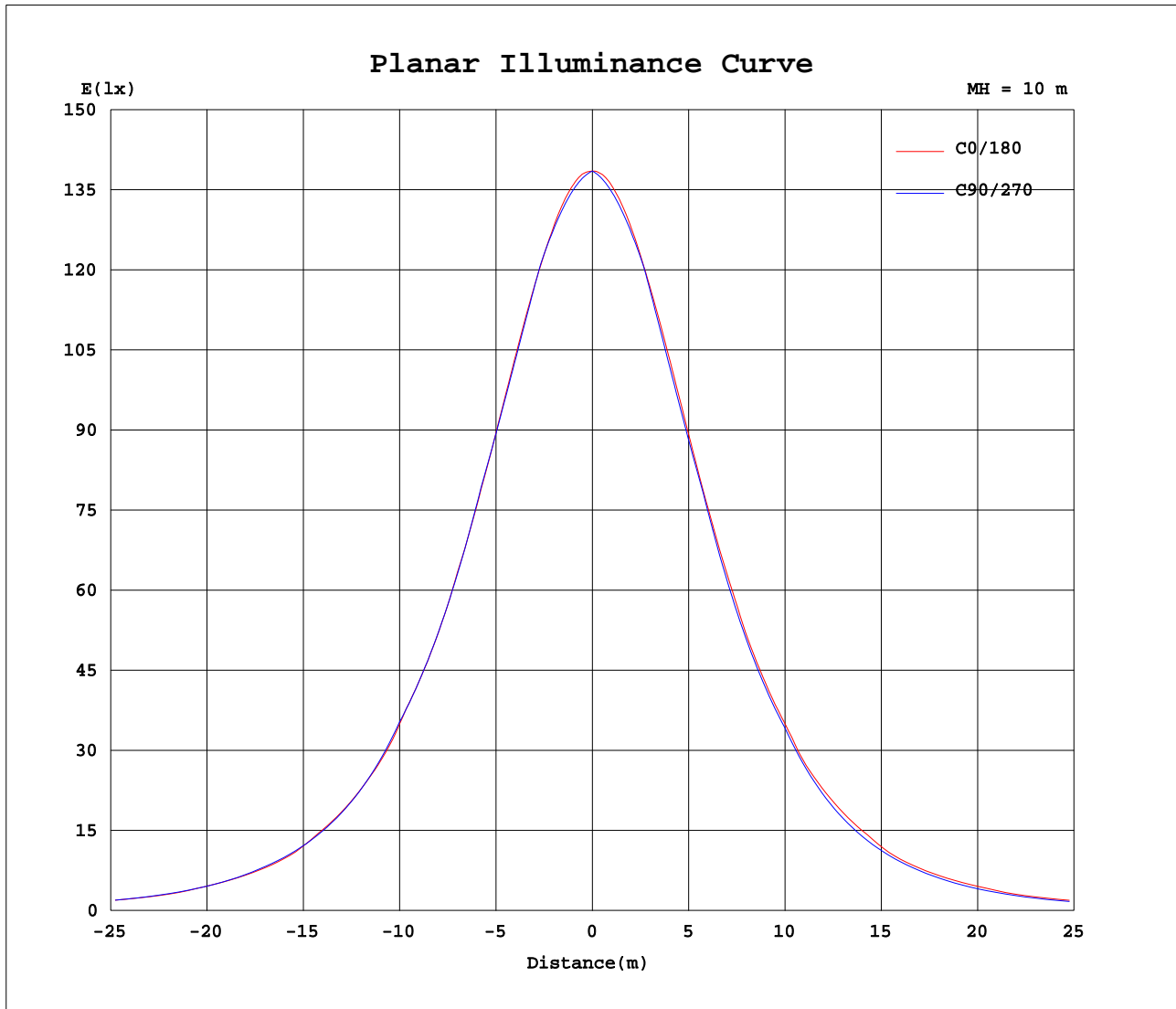
ISOLUX DIAGRAM



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:09 March 2020

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:7.640m [K=1.0000]
 Remarks:

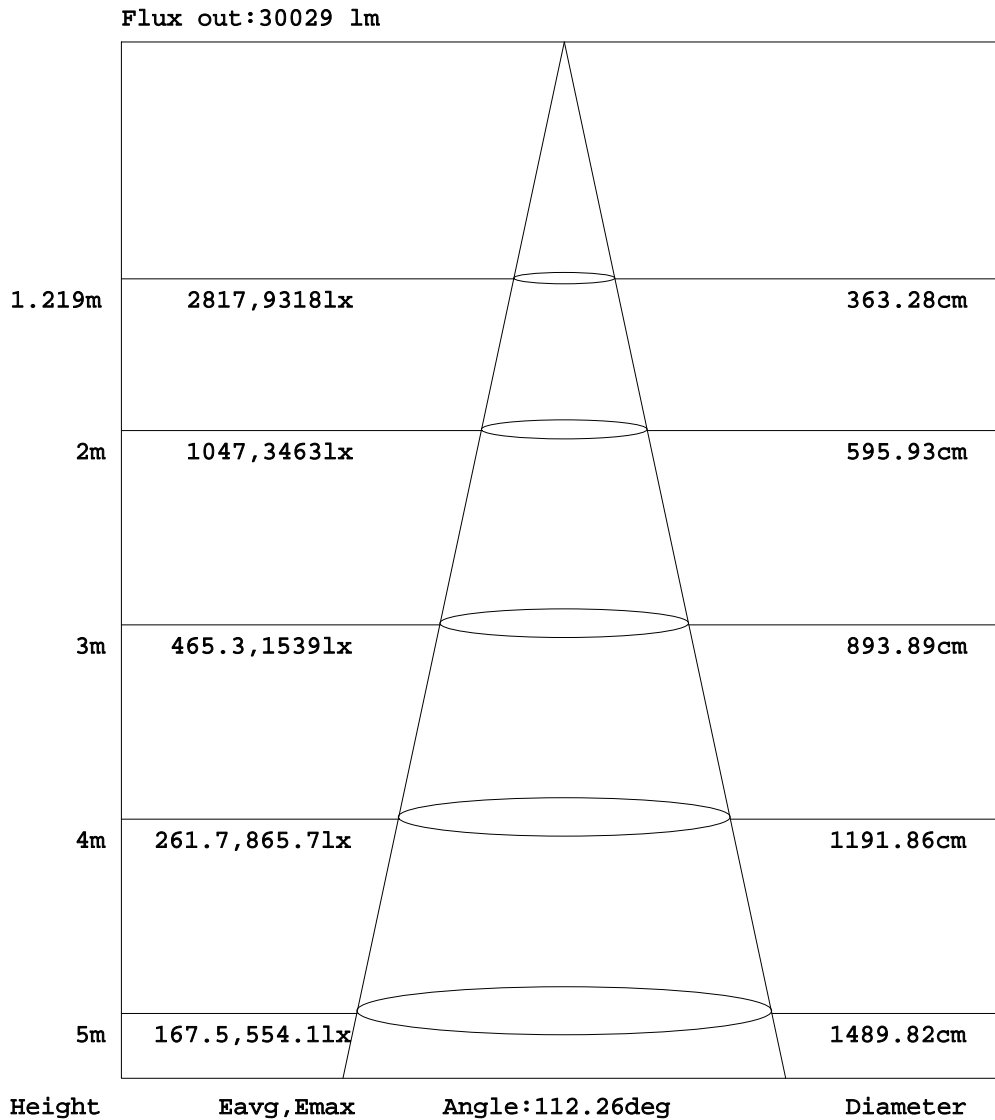
Planar Illuminance Curve



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:09 March 2020

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V(B) Interval: 5.0DEG
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Remarks:

AAI Figure



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

H(β) Range:-90 - 90DEG
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 Operators:
 Test Date:09 March 2020

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.351
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 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--1

UNIT: ×10cd

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-75	1.14	1.14	1.94	3.68	7.77	15.7	25.2	38.5	50.7	66.9	83.0	99.2	113	125	139	149	151	159	155
-70	1.16	1.26	3.43	10.8	25.0	44.8	68.9	97.2	127	160	187	220	242	265	284	297	303	311	310
-65	1.18	1.37	4.92	18.0	42.1	73.9	113	156	203	253	291	340	372	406	429	445	455	464	464
-60	1.20	1.48	6.41	25.2	59.3	103	156	215	279	346	395	461	501	546	573	592	608	616	619
-55	1.23	1.70	12.2	41.0	89.4	150	220	294	366	446	504	576	618	664	694	716	733	743	746
-50	1.26	1.91	17.9	56.9	119	196	283	374	452	547	613	691	735	783	816	840	858	870	873
-45	1.30	2.12	23.7	72.7	150	243	346	453	539	647	722	806	852	901	937	964	983	996	1000
-40	1.33	2.33	28.2	87.4	177	281	395	503	604	707	791	868	920	969	1007	1035	1056	1070	1073
-35	1.37	2.54	32.6	102	205	320	443	552	670	768	861	930	987	1037	1076	1106	1129	1143	1147
-30	1.40	2.75	37.1	117	232	358	492	601	735	828	931	992	1055	1105	1146	1177	1201	1216	1220
-25	1.44	3.19	43.1	130	248	380	519	639	769	871	965	1031	1094	1145	1187	1217	1242	1257	1262
-20	1.47	3.64	49.1	143	265	402	547	678	803	913	999	1070	1133	1184	1227	1258	1283	1298	1303
-15	1.50	4.09	55.2	156	281	423	574	716	836	956	1032	1109	1171	1224	1267	1298	1324	1339	1344
-10	1.52	4.27	56.3	159	289	432	581	728	846	967	1043	1121	1183	1237	1280	1311	1337	1353	1358
-5	1.55	4.45	57.4	163	296	441	589	740	856	979	1054	1133	1195	1250	1293	1325	1351	1367	1372
0	1.57	4.63	58.6	166	304	449	596	752	866	990	1064	1145	1206	1263	1306	1338	1364	1381	1385
5	1.59	4.50	58.3	165	299	443	590	742	857	980	1053	1132	1194	1249	1292	1323	1349	1365	1369
10	1.61	4.36	58.0	163	294	437	584	733	848	969	1043	1120	1181	1235	1277	1308	1333	1349	1353
15	1.63	4.23	57.8	161	289	430	578	724	839	959	1032	1108	1168	1221	1263	1293	1318	1333	1337
20	1.66	3.74	49.8	146	269	405	547	680	801	912	993	1064	1125	1177	1218	1248	1273	1287	1291
25	1.69	3.25	41.8	131	250	379	517	636	763	865	955	1020	1082	1132	1173	1203	1227	1242	1246
30	1.73	2.76	33.9	116	230	354	486	593	725	817	916	976	1039	1088	1128	1159	1182	1196	1200
35	1.75	2.57	28.5	101	201	313	434	541	656	753	843	910	967	1016	1054	1083	1105	1118	1122
40	1.77	2.38	23.2	85.1	172	273	383	489	587	688	770	845	895	944	979	1008	1028	1041	1045
45	1.80	2.20	17.8	69.4	143	232	332	437	519	624	697	780	823	871	904	933	951	964	967
50	1.81	2.06	13.5	52.3	112	185	267	354	429	518	582	657	698	745	775	799	816	828	831
55	1.83	1.92	9.21	35.2	80.6	138	201	272	339	413	467	534	574	618	646	666	682	692	695
60	1.84	1.79	4.90	18.1	49.7	90.3	136	190	248	307	352	411	450	491	516	533	547	557	559
65	1.85	1.76	3.93	13.1	34.8	63.5	95.9	135	178	221	255	297	327	358	379	393	403	410	412
70	1.86	1.74	2.96	8.10	19.9	36.7	55.5	80.3	107	134	157	184	204	226	241	252	259	263	264
75	1.87	1.72	1.99	3.08	5.00	9.85	15.0	25.6	36.2	47.4	59.7	70.2	81.1	92.8	103	112	114	116	117
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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
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:09 March 2020

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:7.640m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Table--2

UNIT: ×10cd

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-75	158	155	151	142	127	115	99.4	83.2	67.3	51.7	38.6	23.6	14.9	7.20	3.42	1.95	1.35	1.12
-70	311	306	299	287	267	245	221	190	162	130	101	69.3	45.6	24.7	10.3	3.24	1.44	1.15
-65	464	457	447	431	408	376	343	296	257	208	163	115	76.3	42.2	17.3	4.53	1.54	1.19
-60	618	608	595	576	549	506	465	402	353	286	226	161	107	59.7	24.2	5.82	1.63	1.22
-55	744	734	719	698	668	623	581	511	453	373	304	225	154	90.5	40.4	10.6	1.78	1.26
-50	871	859	842	819	786	740	697	620	554	461	383	288	202	121	56.6	15.3	1.93	1.30
-45	998	985	966	940	905	857	812	729	654	548	461	352	249	152	72.8	20.1	2.08	1.34
-40	1071	1058	1038	1011	974	926	876	801	716	615	513	403	290	181	89.0	24.9	2.28	1.38
-35	1144	1131	1110	1082	1043	995	939	874	778	681	564	454	330	209	105	29.7	2.47	1.43
-30	1217	1204	1182	1153	1112	1064	1002	946	840	748	616	504	370	238	121	34.5	2.67	1.47
-25	1258	1244	1222	1192	1150	1101	1039	977	874	779	650	529	389	254	132	40.4	2.90	1.50
-20	1299	1284	1261	1231	1189	1138	1076	1007	908	810	684	554	408	270	143	46.3	3.13	1.54
-15	1340	1325	1300	1270	1227	1175	1113	1038	942	840	717	579	427	286	153	52.2	3.35	1.57
-10	1354	1338	1314	1283	1240	1188	1126	1049	958	852	731	587	435	291	158	54.4	3.55	1.59
-5	1368	1352	1328	1296	1253	1202	1139	1061	973	863	744	596	443	297	163	56.6	3.75	1.62
0	1381	1366	1341	1310	1266	1216	1152	1072	989	874	757	604	451	302	167	58.8	3.94	1.65
5	1365	1349	1325	1293	1250	1199	1135	1057	969	859	736	592	439	293	158	56.7	3.63	1.68
10	1348	1332	1308	1276	1234	1181	1117	1043	949	844	715	579	428	284	149	54.6	3.32	1.71
15	1332	1316	1292	1260	1218	1164	1099	1028	929	829	694	567	417	275	140	52.5	3.01	1.74
20	1287	1272	1248	1217	1177	1125	1061	994	894	796	663	542	398	260	133	47.3	2.80	1.75
25	1242	1228	1205	1174	1135	1085	1023	960	859	764	632	517	379	244	125	42.1	2.58	1.76
30	1197	1183	1162	1132	1093	1046	984	927	825	731	601	492	360	229	118	36.9	2.37	1.77
35	1119	1106	1086	1057	1021	973	915	852	759	662	546	440	319	199	102	29.6	2.22	1.77
40	1042	1029	1010	982	948	900	845	777	693	594	492	388	278	169	85.2	22.3	2.07	1.78
45	965	952	934	907	875	828	775	702	627	525	437	336	237	139	68.9	15.0	1.92	1.79
50	829	818	802	778	750	704	656	588	523	435	357	272	190	111	51.6	11.5	1.84	1.80
55	693	684	670	649	624	581	537	474	419	346	277	207	143	82.3	34.4	7.96	1.76	1.81
60	557	551	538	520	498	457	418	361	315	256	197	143	96.4	53.8	17.2	4.45	1.67	1.82
65	410	406	395	381	363	332	302	260	225	183	140	100	67.3	37.4	12.4	3.58	1.68	1.83
70	263	260	253	242	228	207	186	159	136	110	83.0	57.7	38.2	21.0	7.61	2.70	1.68	1.83
75	117	115	110	104	93.4	82.1	70.6	58.4	47.2	37.3	25.7	15.1	9.04	4.55	2.80	1.83	1.69	1.83
80	0.00	0.00	0.00	0.00	0.00	0.00	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
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:09 March 2020

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.351
 Humidity:65.0%
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