

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

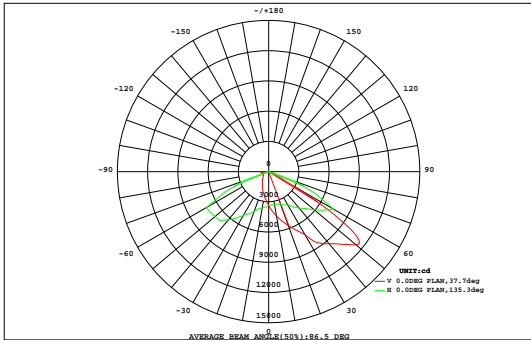
Maximum Intensity (Luminaire orientation as tested.)		766.5 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of I _{max} At 50% of I _{max} At 90% of I _{max}	116.3V x 88.0H 95.3V x 32.8H 10.4V x 7.3H
Beam Flux	Total To 10% of I _{max} To 50% of I _{max} To 90% of I _{max}	994.9 lumens per klm. 926.8 lumens per klm. 463.7 lumens per klm. 17.1 lumens per klm.
	Upward LOR Downward LOR	0.0 % 99.5 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.0DEG
Operators:YangWenPeng
Test Date:2019-06-10

V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.274
Humidity:65.0%
Test Distance:12.380m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Table with 3 columns: NAME: parking lot lighting, TYPE:, WEIGHT:, DIM.:, SPEC.:, SERIAL No.:, MFR.:, SUR.:, PROTECTION ANGLE:



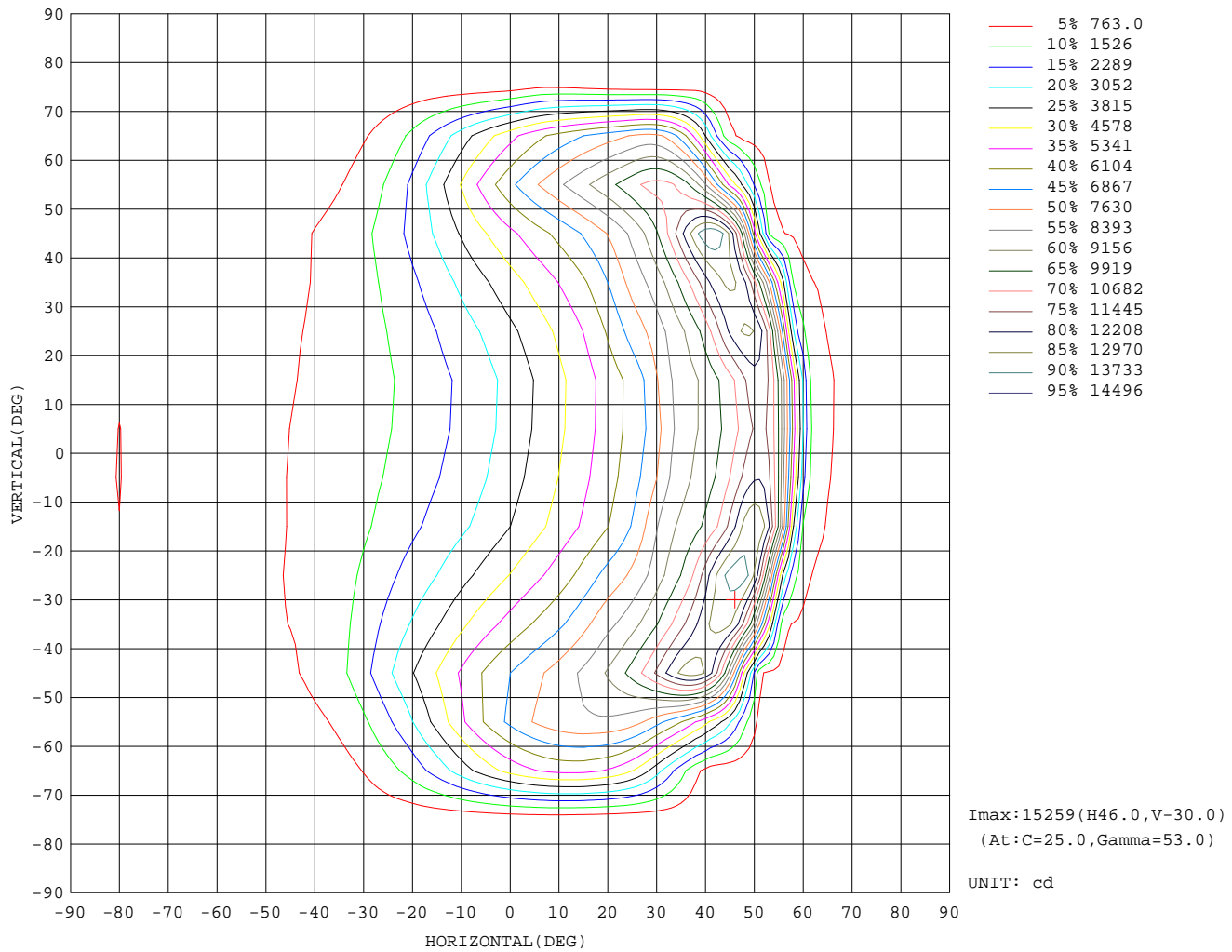
DATA OF LAMP table with columns: MODEL (PL345-W150), Imax(cd) (15259), NOMINAL POWER(W) (150.3), AVAILABILITY(%) (93.2), RATED VOLTAGE(V) (218), Avai. FLUX(lm) (18553), NOMINAL FLUX(lm) (19907.2), LOR(%) (100.0), LAMPS INSIDE (1), TEST VOLTAGE(V) (217.8), Eff:132.45lm/W, theta @50%(H,V) (33,95DEG)

AREA FLUX DIAGRAM table with columns: VERTICAL (DEG), AREA FLUX, UNIT:lm, phi t, phi a. Includes horizontal axis (DEG) from -90 to 90.

one-half-peak spread: U:14.6,D:20.9 , L:26.7,R:6NEMA Beam Type: Type 5 x 6 (H x V)

Comparison table between H(beta) and V(B) parameters including Range, Interval, Test Speed, Temperature, Humidity, Test Distance, and Remarks.

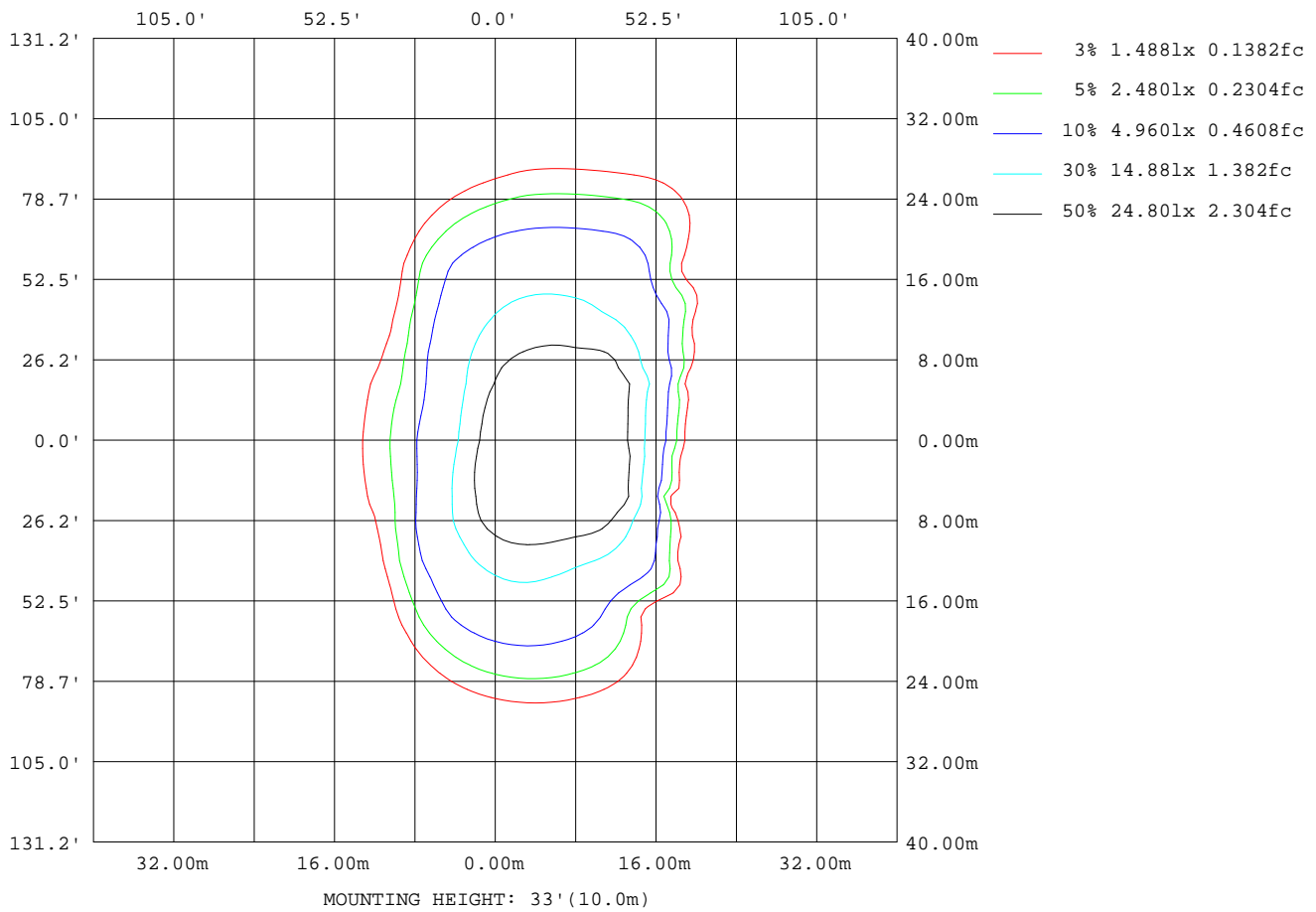
ISOCANDELA DIAGRAM



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Operators:YangWenPeng
 Test Date:2019-06-10

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.274
 Humidity:65.0%
 Test Distance:12.380m [K=1.0000]
 Remarks:

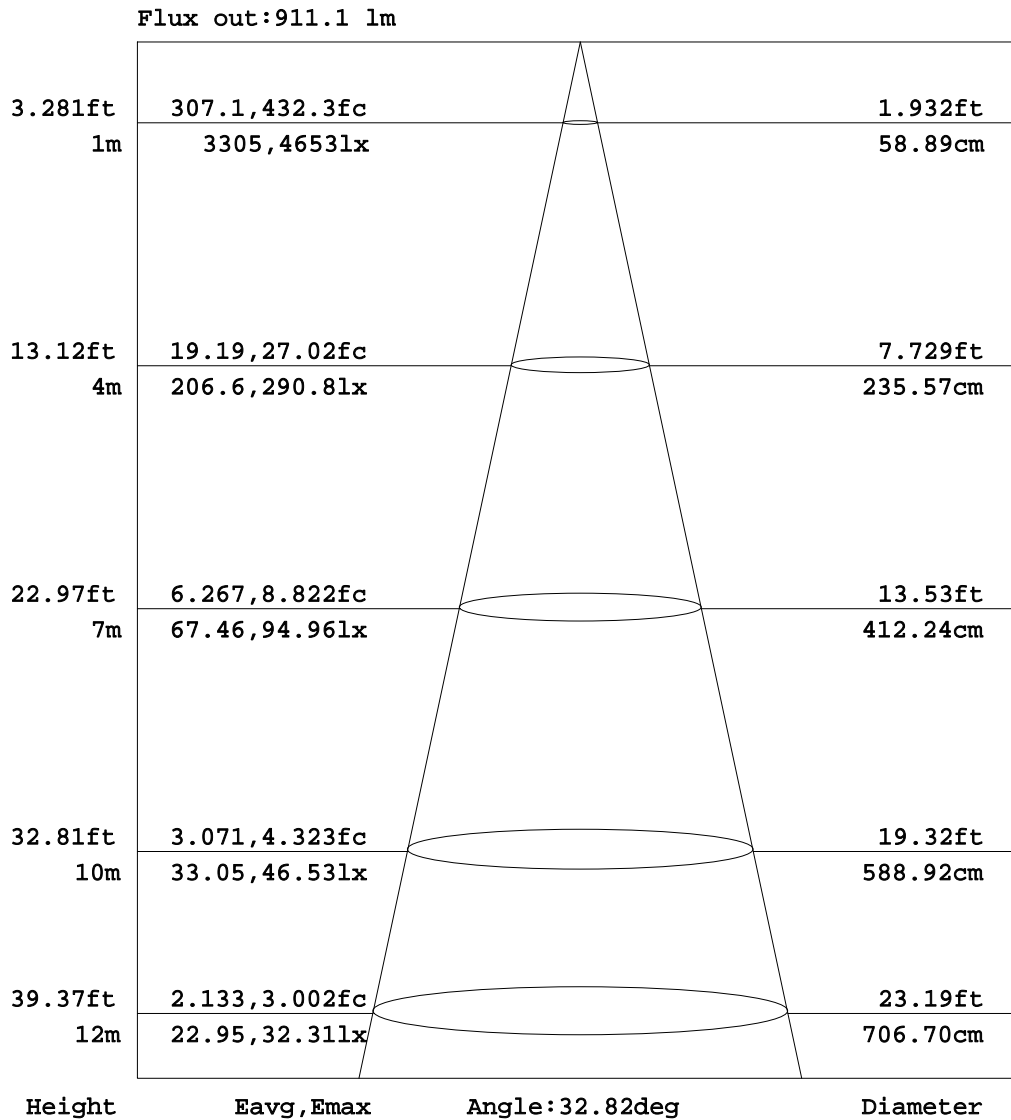
ISOLUX DIAGRAM



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Operators:YangWenPeng
 Test Date:2019-06-10

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.274
 Humidity:65.0%
 Test Distance:12.380m [K=1.0000]
 Remarks:

AAI Figure

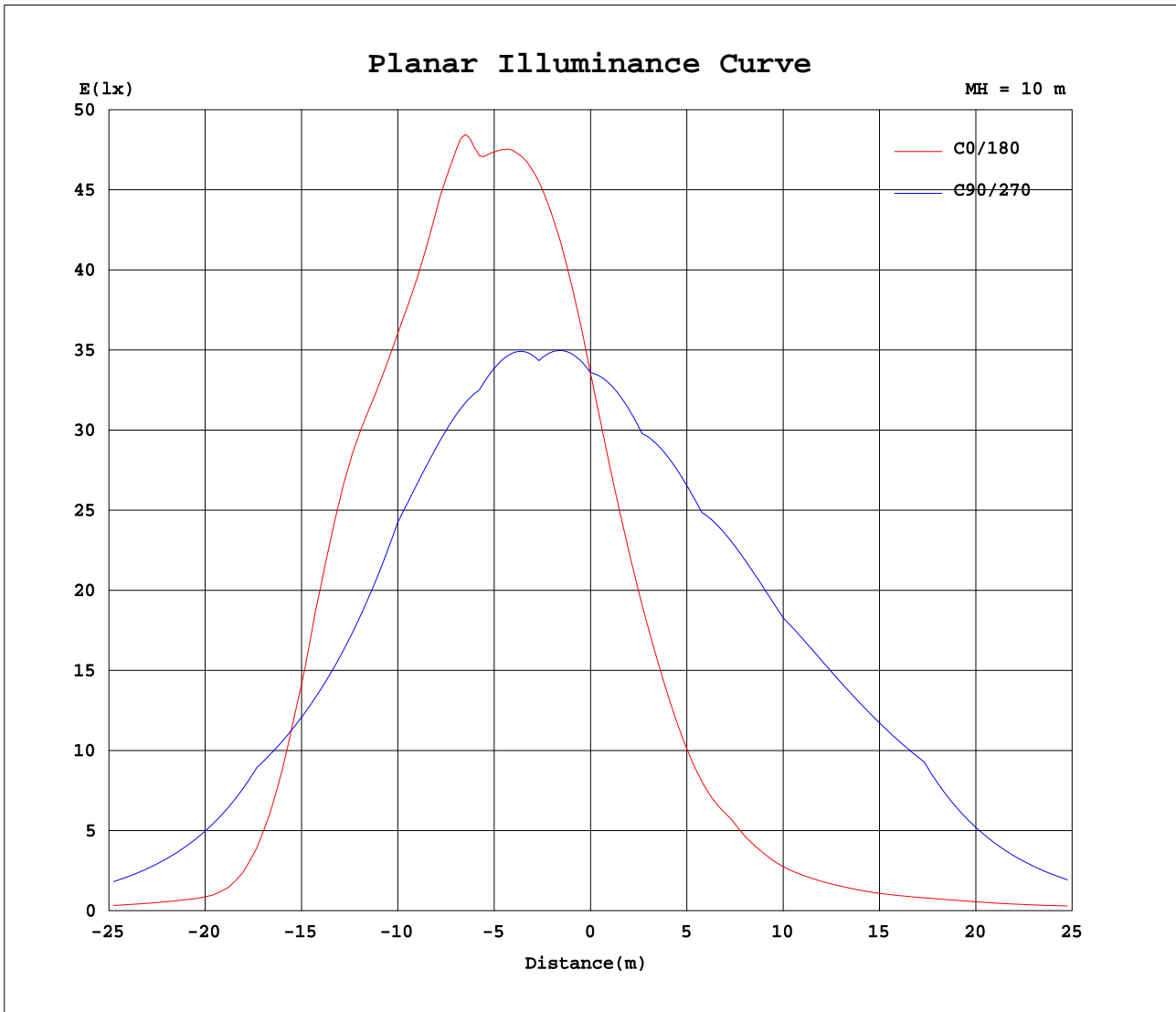


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Operators:YangWenPeng
 Test Date:2019-06-10

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.274
 Humidity:65.0%
 Test Distance:12.380m [K=1.0000]
 Remarks:

Planar Illuminance Curve



H(β) Range:-90 - 90DEG
 H(β) Interval: 1.0DEG
 Test Speed: HIGH
 Temperature:25.0DEG
 Operators:YangWenPeng
 Test Date:2019-06-10

V(B) Range:-75 - 75DEG
 V(B) Interval: 5.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.274
 Humidity:65.0%
 Test Distance:12.380m [K=1.0000]
 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	8.29	9.96	13.4	15.0	14.3	14.6	16.9	19.3	27.0	27.5	27.3	25.3	23.3	23.4	22.3	21.4	21.0	22.5	24.9
-70	6.49	11.2	18.4	20.0	17.7	19.9	24.7	27.9	34.4	35.5	36.4	39.0	51.4	75.0	104	141	182	221	255
-65	4.69	12.4	23.3	25.0	21.1	25.3	32.6	36.5	41.7	43.5	45.5	52.7	79.5	127	185	261	343	420	485
-60	2.89	13.6	28.2	29.9	24.5	30.7	40.5	45.1	49.1	51.5	54.6	66.4	108	178	267	381	504	619	715
-55	1.98	14.2	33.0	33.7	28.0	34.8	44.3	49.1	54.9	58.5	66.3	88.5	140	216	304	408	517	620	705
-50	1.07	14.8	37.8	37.5	31.4	38.9	48.2	53.1	60.8	65.5	78.1	111	172	253	341	434	531	621	696
-45	0.15	15.4	42.6	41.3	34.8	43.0	52.0	57.1	66.7	72.4	89.9	133	204	291	378	460	545	622	686
-40	0.15	16.7	49.7	45.2	38.7	46.1	54.4	59.2	68.2	74.6	90.8	131	195	270	345	417	493	563	624
-35	0.15	18.1	56.8	49.2	42.6	49.2	56.9	61.4	69.8	76.7	91.7	129	185	249	313	374	441	505	562
-30	0.14	19.4	63.9	53.2	46.4	52.3	59.3	63.6	71.3	78.9	92.7	127	176	229	280	332	389	446	500
-25	0.14	22.5	67.8	56.3	49.6	54.5	60.9	64.1	71.4	78.5	92.9	123	165	212	259	305	357	409	461
-20	0.14	25.6	71.7	59.5	52.8	56.6	62.4	64.6	71.4	78.0	93.1	119	153	195	237	279	324	371	421
-15	0.14	28.6	75.7	62.7	56.0	58.8	64.0	65.1	71.5	77.6	93.3	115	142	178	215	252	291	333	381
-10	0.14	32.6	76.7	63.6	57.2	59.4	64.3	65.0	71.2	77.8	93.4	113	136	169	204	239	276	318	366
-5	0.14	36.5	77.7	64.6	58.4	59.9	64.5	64.9	70.8	77.9	93.5	112	130	159	192	225	262	303	351
0	0.14	40.4	78.6	65.6	59.6	60.4	64.8	64.9	70.5	78.0	93.6	111	125	150	180	212	247	288	336
5	0.14	37.7	76.7	64.7	58.5	59.4	64.3	64.4	70.0	76.6	91.2	108	123	148	179	210	246	286	334
10	0.14	35.0	74.8	63.9	57.5	58.4	63.8	63.9	69.5	75.2	88.7	105	121	146	177	209	244	285	332
15	0.14	32.3	72.9	63.1	56.4	57.4	63.2	63.4	69.0	73.8	86.3	102	119	145	176	208	243	283	331
20	0.14	28.6	69.9	59.8	52.7	54.8	61.4	62.7	68.6	73.7	83.7	100	121	150	183	219	257	300	348
25	0.14	24.9	66.8	56.4	48.9	52.1	59.5	62.0	68.3	73.5	81.2	98.5	123	155	191	230	272	317	365
30	0.14	21.3	63.7	53.0	45.2	49.4	57.6	61.3	68.0	73.3	78.7	96.7	125	159	199	241	287	334	383
35	0.14	17.5	57.1	49.9	41.1	46.1	55.0	59.1	66.0	71.8	78.4	96.9	129	169	216	266	321	374	428
40	0.14	13.8	50.4	46.8	37.0	42.7	52.3	56.9	63.9	70.3	78.2	97.1	132	179	234	292	355	415	473
45	0.13	10.1	43.7	43.7	32.9	39.4	49.6	54.7	61.9	68.8	78.0	97.2	136	189	252	317	389	456	517
50	0.13	6.80	34.8	37.6	29.1	34.3	44.8	50.5	56.9	62.5	69.6	85.2	122	177	250	334	426	513	592
55	0.13	3.54	25.9	31.5	25.4	29.2	40.0	46.3	52.0	56.3	61.2	73.2	107	165	248	351	463	571	668
60	0.12	0.28	17.0	25.4	21.6	24.1	35.2	42.1	47.0	50.0	52.8	61.2	93.3	153	246	368	501	628	743
65	0.12	0.23	11.5	18.4	16.6	18.8	27.2	32.9	37.8	41.8	44.1	49.6	70.5	110	172	254	343	429	509
70	0.12	0.17	6.04	11.3	11.6	13.5	19.2	23.8	28.5	33.6	35.5	37.9	47.7	67.9	98.7	140	185	230	274
75	0.12	0.12	0.58	4.26	6.61	8.23	11.1	14.6	19.3	25.4	26.8	26.2	25.0	25.4	25.1	26.1	27.8	31.0	39.9
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
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V(B) Range:-75 - 75DEG
V(B) Interval: 5.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.274
Humidity:65.0%
Test Distance:12.380m [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	26.7	26.6	23.3	19.6	17.9	21.8	23.1	16.2	10.8	7.97	5.10	2.39	0.55	0.29	0.28	0.30	0.32	0.33
-70	278	291	289	273	239	179	103	37.0	19.9	16.6	12.7	8.28	4.81	3.25	1.84	0.37	0.31	0.32
-65	530	555	555	526	460	336	183	57.9	28.9	25.2	20.2	14.2	9.08	6.20	3.39	0.45	0.30	0.31
-60	782	819	821	780	682	492	263	78.8	38.0	33.9	27.8	20.1	13.3	9.15	4.94	0.52	0.30	0.31
-55	769	811	832	828	795	714	613	482	315	95.4	37.2	27.7	20.9	14.8	9.46	2.92	0.35	0.30
-50	756	803	843	877	909	936	963	885	592	157	46.7	35.4	28.4	20.5	14.0	5.31	0.40	0.29
-45	743	795	854	925	1022	1158	1313	1288	869	219	56.2	43.1	35.9	26.2	18.5	7.71	0.46	0.28
-40	680	734	798	872	956	1073	1217	1282	1088	560	127	53.6	41.8	31.0	21.2	10.5	0.89	0.27
-35	617	672	742	818	890	988	1122	1276	1306	902	198	64.2	47.6	35.7	23.9	13.3	1.31	0.25
-30	554	611	686	765	824	903	1026	1270	1524	1244	269	74.8	53.5	40.4	26.6	16.1	1.74	0.23
-25	514	570	639	712	780	879	994	1183	1406	1286	505	98.3	59.7	43.7	27.7	17.1	2.64	0.22
-20	473	529	592	660	736	856	963	1096	1287	1329	740	122	66.0	47.0	28.7	18.2	3.54	0.20
-15	433	487	545	608	693	833	931	1008	1168	1371	976	145	72.2	50.3	29.8	19.3	4.43	0.18
-10	419	473	532	595	674	797	908	983	1119	1291	981	202	76.2	51.4	30.6	19.2	4.95	0.17
-5	404	459	518	581	656	762	885	958	1069	1212	985	258	80.2	52.5	31.4	19.1	5.46	0.15
0	390	446	505	568	638	726	862	934	1020	1132	990	314	84.1	53.6	32.3	19.0	5.98	0.14
5	388	444	504	568	639	736	863	935	1028	1152	986	308	84.4	54.0	32.4	19.2	6.15	0.14
10	386	442	503	567	640	746	864	937	1036	1172	983	301	84.7	54.4	32.5	19.3	6.33	0.14
15	384	441	501	566	640	756	864	939	1044	1191	979	294	85.0	54.8	32.7	19.4	6.51	0.14
20	401	457	519	593	679	780	883	984	1139	1243	893	231	79.5	53.1	32.1	19.5	6.51	0.14
25	417	473	536	620	717	804	901	1029	1233	1294	806	168	74.0	51.3	31.6	19.5	6.52	0.15
30	434	489	553	647	756	829	919	1074	1328	1346	720	104	68.5	49.6	31.0	19.5	6.53	0.15
35	481	537	600	687	790	881	1012	1190	1311	1086	509	90.0	62.0	46.0	29.6	19.0	5.95	0.15
40	529	584	647	727	825	933	1105	1307	1294	826	297	75.8	55.5	42.4	28.3	18.6	5.36	0.15
45	576	632	694	766	859	984	1199	1424	1277	566	85.9	61.6	49.1	38.8	26.9	18.1	4.78	0.15
50	664	729	796	867	951	1040	1120	1133	896	395	71.2	52.7	42.3	33.8	24.1	16.0	3.92	0.15
55	752	826	898	969	1042	1095	1041	843	515	223	56.5	43.9	35.6	28.9	21.3	13.8	3.06	0.15
60	840	923	1000	1070	1134	1151	962	553	134	51.3	41.8	35.0	28.8	24.0	18.5	11.6	2.19	0.15
65	581	639	686	728	769	779	654	380	97.4	41.1	33.5	27.7	22.7	18.8	14.6	8.70	1.63	0.15
70	323	354	372	387	403	407	345	208	61.1	30.9	25.1	20.4	16.7	13.6	10.6	5.78	1.07	0.15
75	63.7	69.0	58.7	46.0	37.7	35.1	37.1	35.8	24.7	20.7	16.7	13.1	10.6	8.41	6.72	2.87	0.50	0.15
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

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