

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	427.2 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	117.4V x 113.8H
	At 50% of Imax	96.7V x 102.9H
	At 90% of Imax	69.8V x 91.8H

Beam Flux	Total	991.8 lumens per klm.
	To 10% of Imax	971.3 lumens per klm.
	To 50% of Imax	893.0 lumens per klm.
	To 90% of Imax	203.5 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.2 %

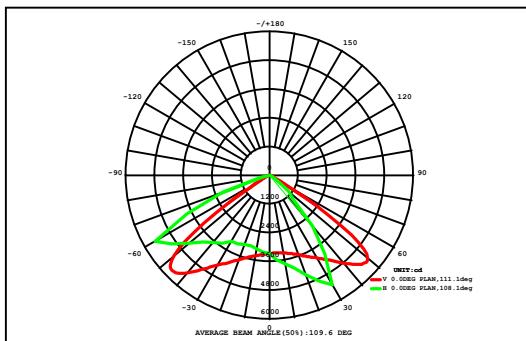
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.0DEG
Operators:YangWenPeng
Test Date:2018-07-17

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

NAME: post top light	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



DATA OF LAMP		Eff:132.73lm/W	
MODEL	TP325-W100	Imax(cd)	5738
NOMINAL POWER(W)	101.2	AVAILABILITY(%)	98.2
RATED VOLTAGE(V)	216	Avai. FLUX(lm)	13195
NOMINAL FLUX(lm)	13432.3	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	13432
TEST VOLTAGE(V)	215.7	θ @50% (H,V)	103,97DEG

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	0.00	0.00	0.01	0.01	0.01	0.03	0.10	0.19	0.27	0.33	0.39	0.46	0.42	0.39	0.36	0.27	0.16	0.05	3.46	0.00
70	0.00	0.03	0.18	0.43	0.78	1.45	1.79	1.98	1.98	2.13	2.30	2.18	1.91	1.57	1.24	0.85	0.34	0.08	21.2	0.00
60	0.01	0.09	0.46	0.96	1.75	3.24	4.45	6.82	10.7	14.2	14.2	10.5	5.45	3.15	2.05	1.19	0.46	0.09	79.8	36.7
50	0.01	0.22	0.93	1.68	3.07	5.97	9.89	19.8	35.9	47.6	45.4	29.9	12.1	5.56	2.82	1.32	0.57	0.10	223	178
40	0.02	0.33	1.16	2.66	10.2	55.4	99.9	115	122	123	118	109	92.5	53.9	9.59	1.94	0.62	0.11	915	900
30	0.03	0.44	1.37	4.56	33.6	110	157	165	163	159	156	153	138	85.3	24.1	2.85	0.69	0.11	1356	1343
20	0.05	0.51	1.77	11.4	87.5	145	140	129	124	121	119	120	121	110	52.4	4.09	0.78	0.12	1288	1278
10	0.05	0.53	2.23	25.1	111	130	122	114	109	106	106	107	111	109	64.7	7.84	0.84	0.12	1226	1218
0	0.06	0.55	2.65	39.8	120	121	110	103	98.1	95.5	95.1	97.6	102	107	76.5	9.67	0.88	0.12	1179	1172
-10	0.07	0.56	3.13	48.0	118	116	106	98.8	94.2	92.2	91.9	94.3	99.4	105	77.0	10.2	0.87	0.12	1156	1150
-20	0.07	0.54	3.01	42.7	114	120	111	103	97.6	95.2	95.1	98.2	104	109	72.5	7.53	0.82	0.12	1175	1169
-30	0.07	0.52	2.53	34.7	106	126	119	111	105	103	103	106	112	114	58.2	4.94	0.77	0.11	1207	1200
-40	0.06	0.48	2.06	20.3	90.2	137	135	127	121	118	119	123	129	114	30.9	2.17	0.69	0.10	1269	1262
-50	0.06	0.45	1.67	10.9	48.6	103	143	153	153	151	150	144	117	54.5	11.2	1.72	0.63	0.08	1243	1234
-60	0.06	0.41	1.31	3.32	13.8	70.7	117	131	133	133	130	118	73.8	16.1	2.29	1.27	0.54	0.07	945	931
-70	0.05	0.35	1.18	2.18	6.82	16.9	18.3	18.8	19.4	19.1	17.9	14.8	6.33	1.56	1.66	1.16	0.41	0.05	147	124
-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	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	0.67	6.02	25.7	249	866	1264	1394	1397	1388	1380	1362	1327	1225	989	487	58.9	10.1	1.54	13432	---
Φ a	0.00	0.00	2.16	223	849	1252	1377	1381	1378	1374	1356	1317	1210	975	468	33.7	0.00	0.00	---	13195

one-half-peak spread: U:18.6,D:18.2 , L:11.3,R:9.8

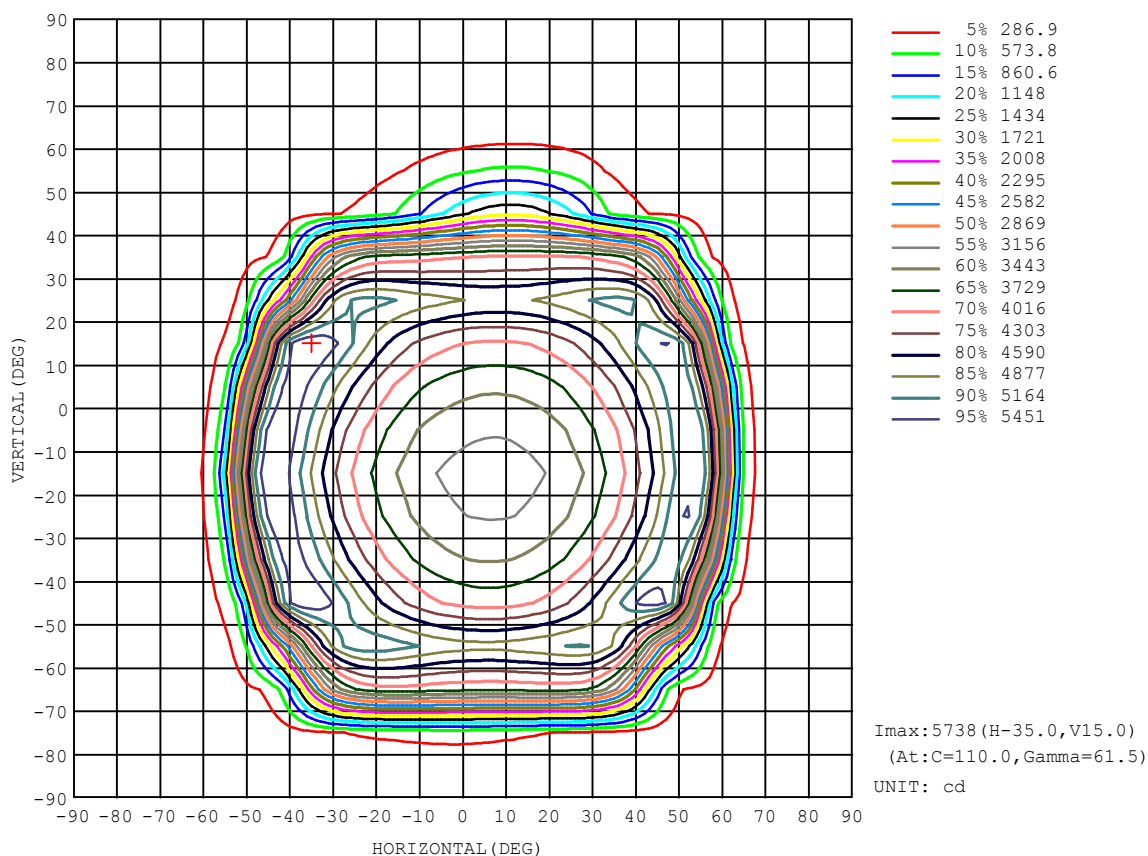
NEMA Beam Type: Type 6

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.0DEG
Operators:YangWenPeng
Test Date:2018-07-17

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:

ISOCANDELA DIAGRAM

NAME: post top light	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

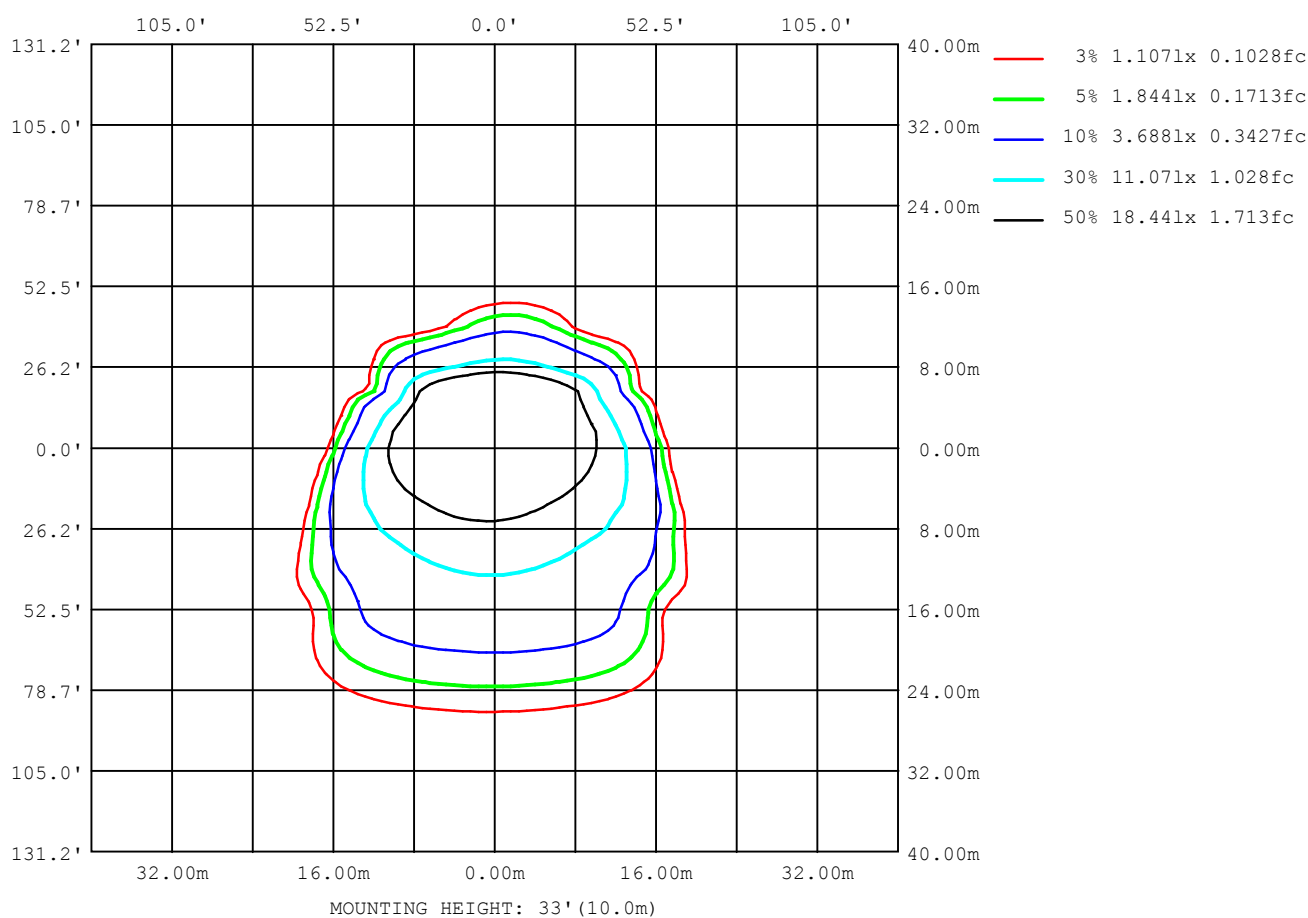


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Remarks:

ISOLUX DIAGRAM

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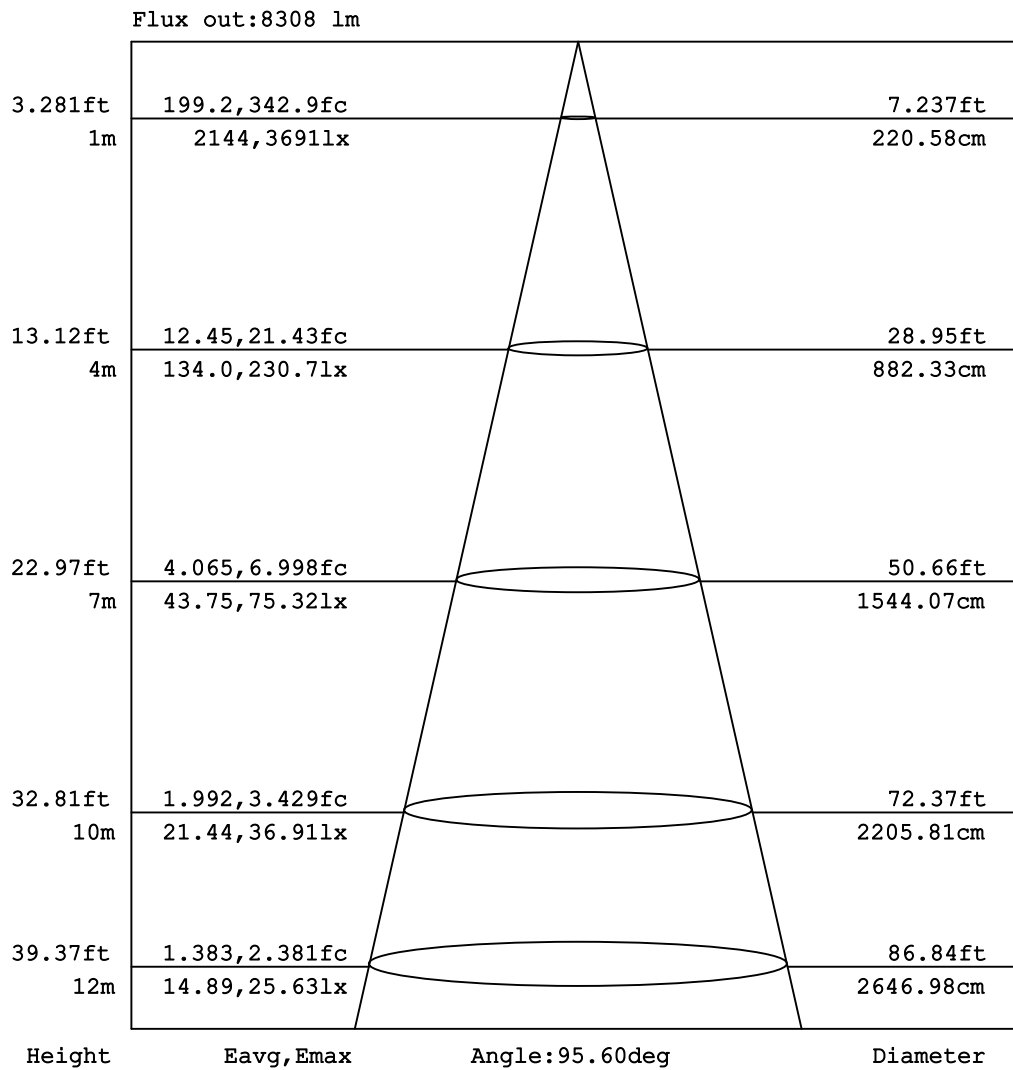


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Remarks:

AAI Figure

NAME: post top light	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

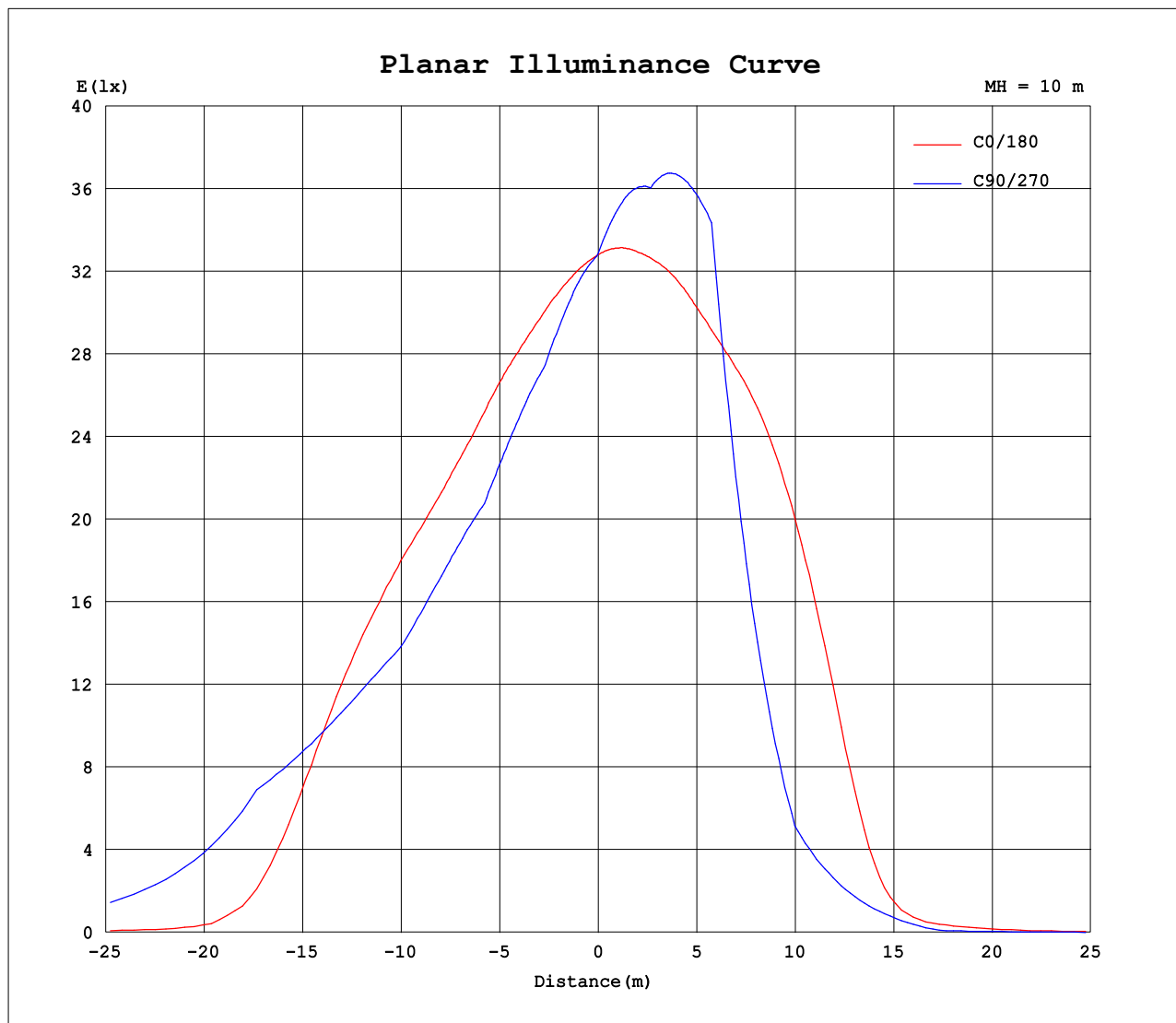


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range: -90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators: YangWenPeng
Test Date: 2018-07-17

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



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Test Speed: HIGH
Temperature:25.0DEG
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Test Date:2018-07-17

V(B) Range:-75 - 75DEG
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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.274
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Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: post top light	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	1.82	9.01	23.4	34.6	47.0	86.9	101	108	117	135	178	225	268	305	334	354	377	392	392
-70	6.91	21.2	34.8	47.9	84.3	103	126	165	225	479	1079	1656	1973	2103	2139	2140	2123	2111	2094
-65	1.02	8.84	25.5	39.6	57.8	92.9	112	157	233	366	978	2192	3213	3716	3897	3927	3897	3849	3823
-60	6.25	22.9	39.2	55.6	92.6	111	166	265	415	1100	2805	4448	5322	5651	5717	5672	5591	5544	5521
-55	0.49	8.44	27.3	43.4	68.5	99.0	142	237	597	1577	2721	4015	4936	5293	5343	5270	5161	5058	5003
-50	5.31	24.1	41.8	65.3	94.8	150	260	685	2300	3845	4735	5155	5187	5043	4861	4694	4558	4478	4438
-45	0.24	7.80	28.7	46.1	78.9	105	191	348	1209	3766	5407	5694	5436	5037	4672	4381	4167	4018	3932
-40	4.55	25.1	43.8	73.4	102	191	391	1533	3901	5357	5550	5247	4839	4473	4181	3959	3801	3707	3660
-35	0.14	7.08	29.8	47.9	82.7	124	243	625	2708	4872	5530	5325	4898	4482	4147	3880	3678	3537	3456
-30	3.96	25.8	45.4	79.9	115	234	558	2811	5218	5637	5248	4725	4281	3942	3675	3468	3319	3230	3188
-25	0.00	6.67	30.5	49.2	85.3	140	280	931	3760	5497	5537	5045	4537	4126	3810	3563	3373	3243	3166
-20	3.75	26.1	46.1	82.5	125	255	812	3468	5446	5559	5063	4537	4118	3793	3538	3347	3208	3125	3090
-15	0.00	6.58	30.9	50.2	86.7	151	303	1267	4365	5641	5426	4853	4351	3968	3662	3430	3253	3134	3063
-10	3.32	25.1	45.6	83.7	125	252	800	3433	5444	5574	5082	4551	4136	3817	3564	3374	3239	3155	3116
-5	0.00	5.31	28.6	48.7	87.6	137	272	900	3698	5506	5571	5083	4563	4164	3860	3615	3429	3305	3224
0	2.67	23.0	43.9	83.6	114	225	522	2706	5212	5683	5307	4767	4335	4014	3754	3549	3412	3318	3266
5	0.00	4.16	25.8	46.0	88.4	122	230	582	2586	4811	5553	5378	4956	4552	4223	3958	3762	3632	3544
10	2.17	19.8	39.9	81.1	106	180	362	1410	3741	5327	5589	5317	4922	4552	4259	4040	3895	3798	3747
15	0.00	3.13	22.5	41.9	89.2	106	176	313	1026	3555	5370	5738	5528	5132	4752	4460	4251	4113	4023
20	1.77	15.9	34.4	73.8	97.8	138	234	583	2122	3720	4656	5139	5187	5036	4843	4675	4556	4466	4416
25	0.00	2.41	17.2	34.4	78.1	97.3	127	206	507	1446	2523	3851	4826	5200	5244	5153	5044	4958	4881
30	1.45	11.0	27.4	61.7	91.0	99.0	137	223	353	860	2509	4232	5131	5465	5508	5454	5396	5323	5274
35	0.06	1.79	11.7	26.2	62.8	83.9	96.1	132	198	302	791	2013	3074	3597	3801	3867	3908	3961	3999
40	1.12	6.49	19.2	45.3	71.1	87.1	107	140	195	395	978	1589	1916	2088	2209	2345	2508	2660	2781
45	0.21	1.25	5.99	17.3	43.2	65.4	84.0	93.3	100	123	174	222	274	323	425	602	843	1119	1377
50	0.86	3.31	11.1	27.3	46.2	62.3	73.4	78.6	93.0	129	169	209	237	298	406	559	740	916	1054
55	0.32	0.96	3.13	8.27	20.4	34.0	45.7	55.0	60.7	73.4	103	131	153	170	205	265	344	434	520
60	0.70	1.46	3.11	7.64	16.4	24.8	36.3	39.5	46.8	62.5	83.9	91.4	93.8	94.5	96.9	95.6	91.4	91.6	94.7
65	0.42	0.71	1.30	2.66	6.20	12.4	17.9	24.1	27.5	32.7	45.7	57.7	62.6	64.2	65.4	67.5	66.8	64.8	65.5
70	0.56	0.82	1.37	2.89	5.83	8.64	12.5	13.6	16.2	21.4	28.7	32.3	34.2	35.5	37.9	38.9	38.4	38.6	41.2
75	0.50	0.50	0.50	0.50	0.51	0.53	0.57	0.64	0.72	0.84	0.88	1.31	3.05	4.77	6.42	8.87	11.0	11.9	12.4
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

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H(β) Interval: 1.0DEG
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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

NAME: post top light	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	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	0.00	0.00	0.00	0.00	0.00	0.00	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	376	350	319	292	274	246	213	182	148	118	109	104	96.9	85.4	64.5	30.0	20.5	10.3	
-70	2082	2076	2066	2054	1990	1780	1340	700	264	169	134	107	92.8	77.6	40.2	25.5	14.0	1.89	
-65	3805	3811	3828	3838	3822	3679	3213	2259	1017	334	215	153	110	94.9	82.3	40.9	26.2	12.2	
-60	5533	5576	5605	5607	5464	4901	3643	1791	549	287	192	125	101	93.8	55.6	31.7	16.5	0.00	
-55	4977	4997	5050	5115	5175	5143	4820	4014	2828	1863	901	263	152	111	93.4	53.8	31.7	14.8	
-50	4444	4502	4594	4726	4867	4932	4799	4327	3536	1923	455	206	132	98.2	72.1	37.6	20.5	0.49	
-45	3893	3908	3986	4122	4335	4638	5032	5447	5580	4705	2168	436	223	132	97.8	68.4	36.9	18.1	
-40	3663	3721	3836	4023	4287	4634	5048	5364	5158	3583	1377	337	169	106	82.3	42.7	24.2	2.13	
-35	3421	3431	3494	3612	3803	4062	4394	4804	5205	5218	4063	1664	318	169	103	76.8	41.0	21.3	
-30	3188	3233	3330	3496	3723	4008	4390	4901	5417	5268	2959	519	212	117	86.4	47.0	27.6	2.92	
-25	3135	3142	3193	3298	3467	3702	3997	4392	4910	5403	5123	2632	432	196	108	81.1	43.4	23.5	
-20	3086	3125	3213	3360	3575	3855	4215	4692	5246	5376	3630	752	228	126	85.7	47.7	28.8	4.17	
-15	3037	3038	3083	3178	3327	3557	3839	4213	4694	5260	5347	3341	564	213	114	81.5	44.1	24.8	
-10	3109	3146	3230	3372	3581	3848	4194	4649	5197	5406	3870	850	234	131	85.0	48.3	30.1	4.93	
-5	3186	3188	3235	3330	3489	3710	3976	4341	4816	5314	5265	3150	543	211	115	80.9	44.6	26.5	
0	3258	3298	3382	3532	3741	3987	4327	4772	5271	5358	3678	813	230	132	84.2	48.8	31.5	5.19	
5	3501	3503	3549	3644	3805	4022	4293	4658	5062	5327	4742	2415	448	195	109	78.9	44.5	27.5	
10	3739	3774	3859	4004	4210	4477	4834	5190	5353	4607	2290	492	201	116	82.4	47.5	31.3	8.23	
15	3982	3983	4025	4121	4276	4494	4789	5163	5433	5297	3777	1138	277	168	98.0	75.4	43.7	27.8	
20	4408	4433	4511	4638	4802	4985	5144	5055	4456	3116	1161	287	168	103	78.3	45.9	30.9	10.7	
25	4840	4837	4864	4946	5060	5181	5254	5150	4526	3215	1715	556	213	135	92.0	66.8	42.2	27.7	
30	5263	5276	5340	5433	5516	5510	5257	4367	2581	884	293	198	131	92.6	71.9	44.0	30.4	12.7	
35	4034	4057	4057	4051	4028	3962	3827	3542	2804	1523	513	220	155	112	87.6	57.6	40.2	27.3	
40	2845	2838	2766	2638	2448	2211	1993	1639	1017	413	189	136	109	91.0	58.4	41.1	29.3	15.9	
45	1564	1642	1602	1438	1180	839	507	338	267	222	170	128	103	97.5	85.0	47.9	37.7	26.6	
50	1124	1115	1023	862	645	410	274	216	188	149	121	99.0	91.9	80.4	47.2	37.6	28.0	18.7	
55	585	616	606	552	465	351	239	180	154	137	119	103	91.4	84.0	62.8	40.7	34.4	25.8	
60	101	107	109	107	107	105	102	97.6	95.1	93.7	90.7	87.0	79.2	61.0	38.2	33.5	26.6	21.1	
65	68.8	73.7	77.6	79.5	78.9	79.0	77.2	74.9	73.0	71.7	71.0	69.4	66.6	62.3	42.2	32.8	30.2	24.6	
70	44.5	47.0	50.0	50.4	51.2	49.9	48.9	48.8	48.6	48.7	49.4	47.6	46.7	36.6	28.6	28.1	24.6	23.1	
75	15.0	16.4	17.2	20.9	22.4	23.2	21.9	22.7	24.7	25.5	26.7	28.2	28.1	32.3	23.2	24.3	25.3	23.2	
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:25.0DEG
Operators:YangWenPeng
Test Date:2018-07-17

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: