

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	435.0 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	112.7V x 111.3H
	At 50% of Imax	85.6V x 100.6H
	At 90% of Imax	64.5V x 88.9H

Beam Flux	Total	994.8 lumens per klm.
	To 10% of Imax	969.9 lumens per klm.
	To 50% of Imax	896.4 lumens per klm.
	To 90% of Imax	215.1 lumens per klm.

Upward LOR	0.0 %
Downward LOR	99.5 %

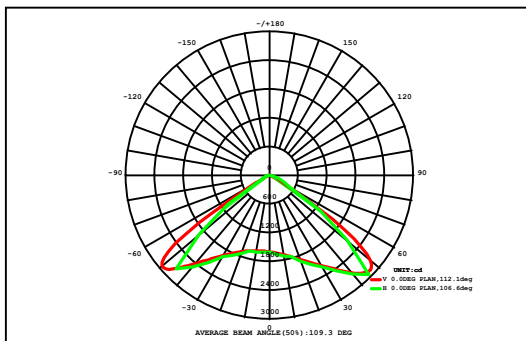
Luminaire Efficiency (Light Output Ratio)	100.0 %
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H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.0DEG
Operators:YangWenPeng
Test Date:2018-08-05

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:133.52lm/W	
MODEL	TP325-W050	Imax(cd)	2991
NOMINAL POWER(W)	51.5	AVAILABILITY(%)	97.8
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	6725
NOMINAL FLUX(lm)	6876.28	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	6876
TEST VOLTAGE(V)	219.3	θ @50% (H,V)	101,86DEG

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	0.04	0.14	0.29	0.47	0.78	0.91	0.95	0.89	0.94	0.99	0.94	0.84	0.67	0.49	0.29	0.09	0.02	9.73	0.00
70	0.01	0.12	0.40	0.68	1.12	1.97	3.26	5.48	8.66	10.3	8.45	4.87	2.50	1.45	0.83	0.50	0.18	0.03	50.8	17.2
60	0.02	0.18	0.56	1.03	3.71	14.2	23.1	28.3	32.8	34.3	31.3	25.2	17.0	6.26	1.32	0.64	0.22	0.04	220	203
50	0.02	0.23	0.63	1.58	12.2	50.9	78.6	87.5	89.2	88.6	86.6	79.3	56.2	17.8	2.24	0.74	0.26	0.04	653	645
40	0.03	0.26	0.78	5.54	39.8	66.5	73.2	74.0	74.2	74.4	74.8	73.5	64.9	42.0	9.79	0.99	0.29	0.04	675	670
30	0.03	0.29	0.96	12.5	59.6	70.9	65.3	62.0	61.5	62.3	64.4	67.6	70.1	58.7	17.3	1.30	0.31	0.05	675	670
20	0.03	0.29	1.17	23.9	62.5	59.6	55.3	53.4	53.2	54.3	56.6	59.4	62.5	60.1	27.3	1.66	0.33	0.05	632	628
10	0.04	0.29	1.28	28.4	60.4	56.2	52.0	50.0	49.9	51.0	53.1	56.2	59.9	60.1	30.5	1.90	0.34	0.05	612	608
0	0.04	0.29	1.37	29.8	59.5	54.7	50.3	48.4	48.2	49.1	51.3	54.7	58.8	60.3	30.9	1.86	0.35	0.05	600	596
-10	0.04	0.29	1.27	25.6	60.1	56.8	52.1	49.9	49.5	50.5	53.0	56.7	61.1	60.8	24.9	1.45	0.33	0.05	604	601
-20	0.03	0.27	1.06	15.6	55.1	64.0	59.5	56.6	56.0	57.0	59.6	63.5	67.2	55.6	14.0	1.12	0.32	0.04	627	623
-30	0.03	0.24	0.86	7.00	43.2	63.7	67.5	66.7	66.2	67.2	69.0	70.4	65.3	40.1	5.83	0.86	0.31	0.04	635	630
-40	0.03	0.22	0.70	3.03	14.5	51.5	78.0	83.5	83.9	84.5	83.6	75.6	45.6	9.00	1.21	0.66	0.27	0.03	616	610
-50	0.03	0.17	0.59	1.29	6.36	20.6	29.4	31.9	32.6	32.8	31.5	27.2	15.2	3.46	1.15	0.62	0.23	0.03	235	224
-60	0.02	0.13	0.47	0.79	0.88	1.01	1.58	2.24	2.55	2.49	2.05	1.49	1.05	0.82	0.74	0.51	0.17	0.03	19.0	0.00
-70	0.01	0.08	0.29	0.58	0.82	1.13	1.39	1.48	1.42	1.26	1.32	1.28	1.10	0.76	0.50	0.30	0.11	0.02	13.9	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	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	0.41	3.41	12.5	157	480	634	692	702	711	721	728	718	649	478	169	15.4	4.11	0.61	6876	---
Φ a	0.00	0.00	0.24	145	472	627	681	691	702	713	719	706	642	468	156	1.85	0.00	0.00	---	6725

one-half-peak spread: U:12.8,D:12.9 , L:10.8,R:11.9

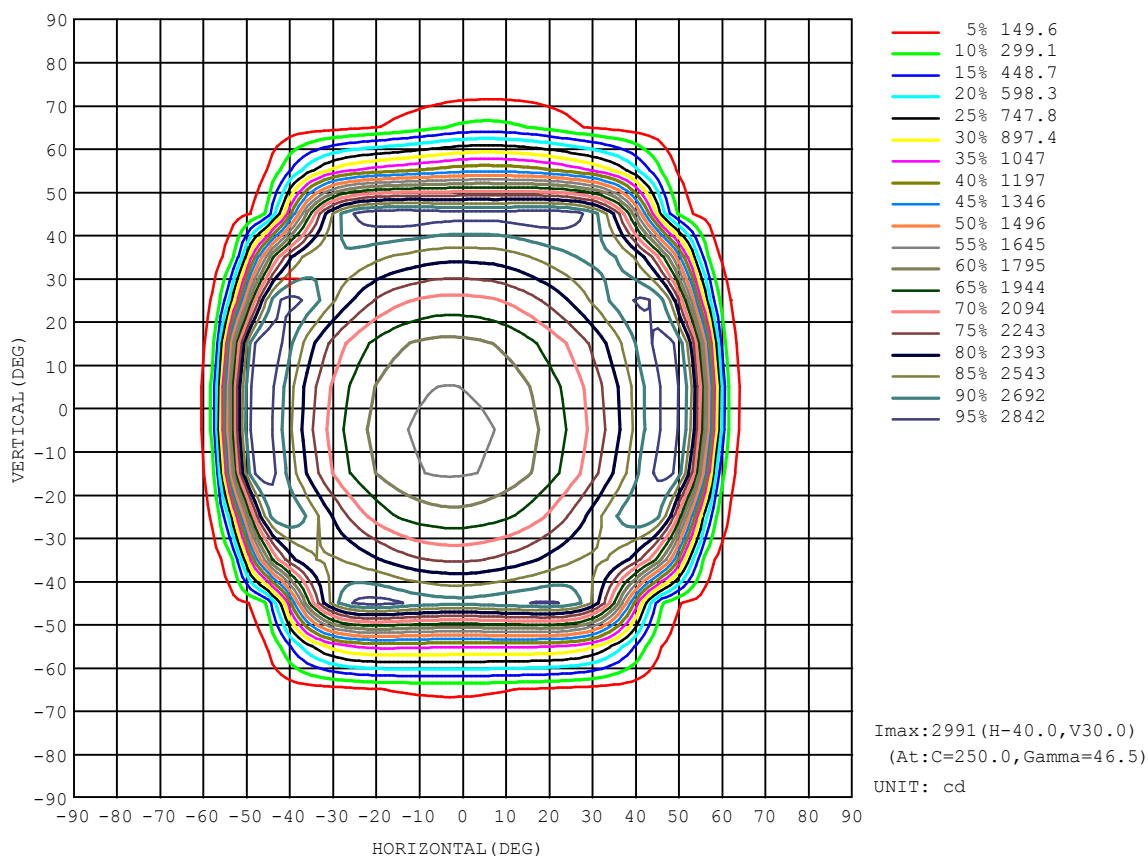
NEMA Beam Type: Type 6

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.0DEG
Operators:YangWenPeng
Test Date:2018-08-05

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:

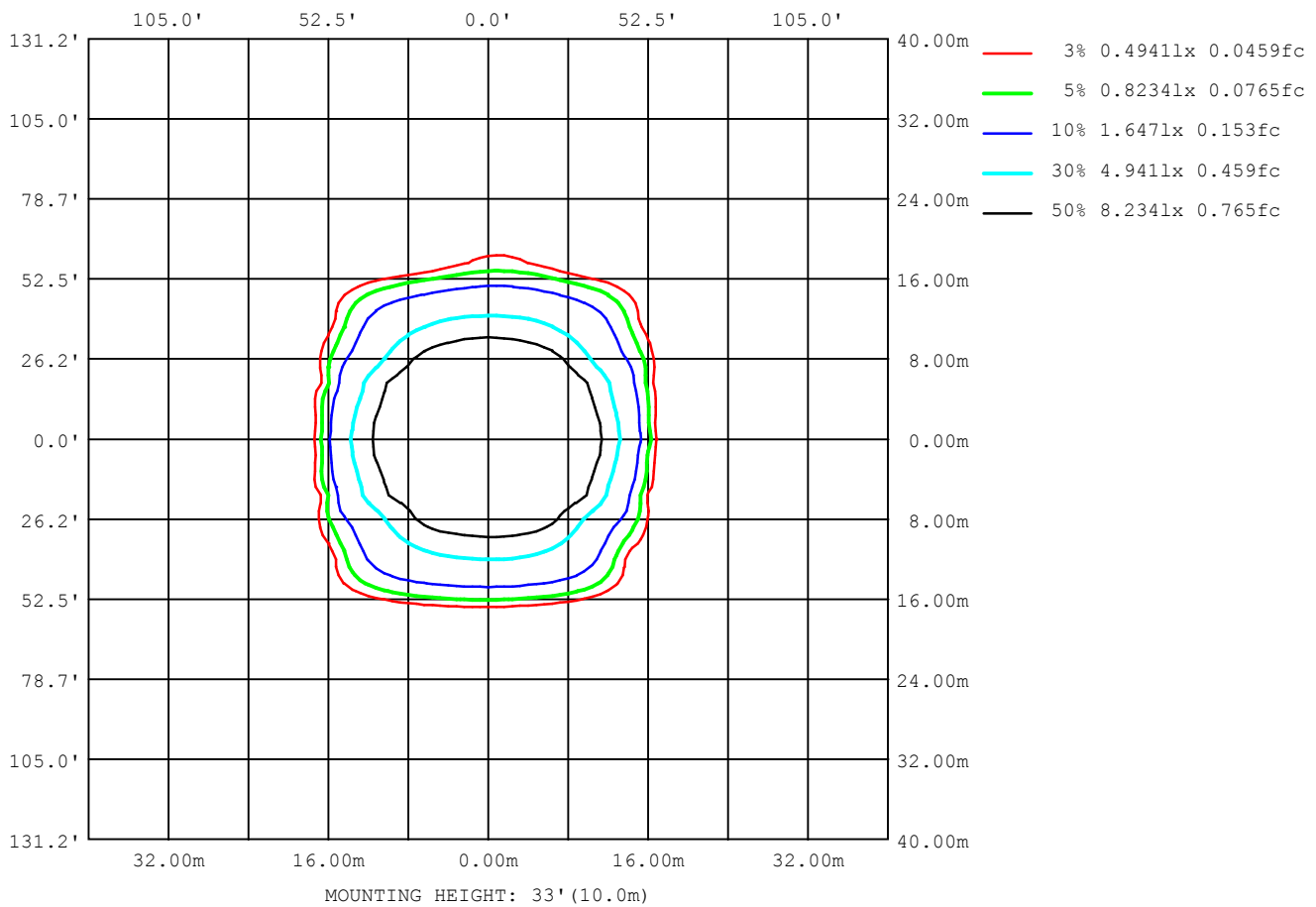


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Humidity:65.0%
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Remarks:

ISOLUX DIAGRAM

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

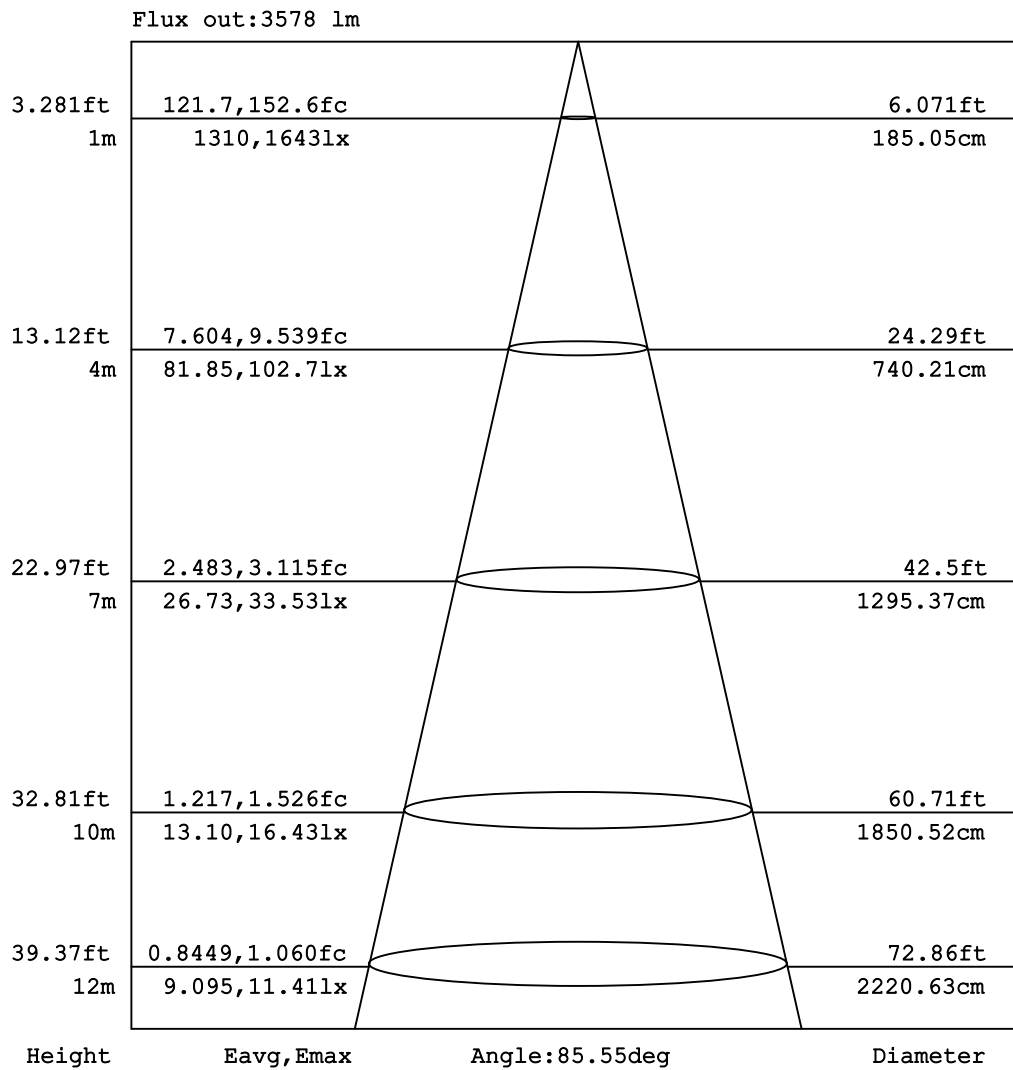


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H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.0DEG
Operators:YangWenPeng
Test Date:2018-08-05

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

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

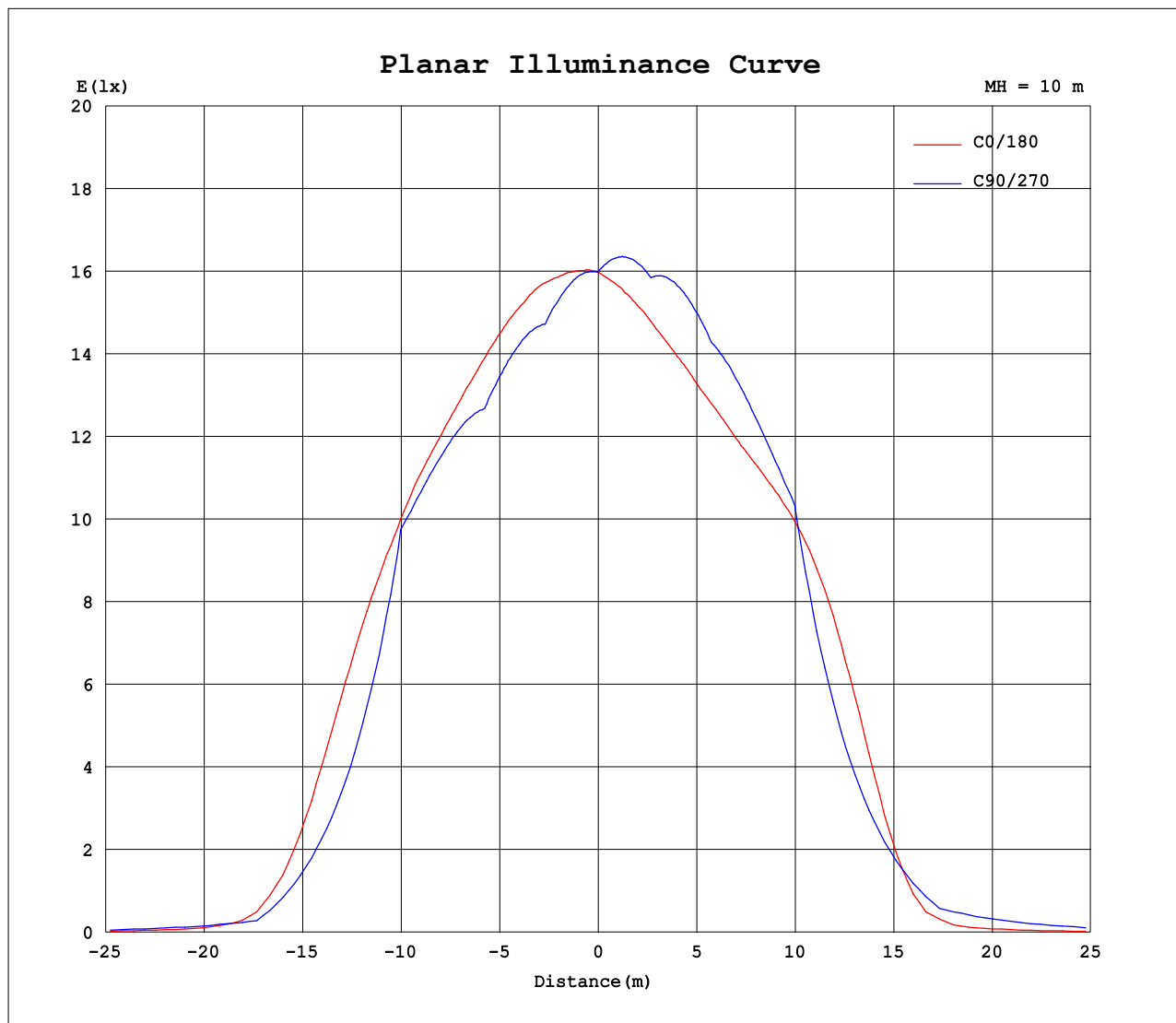


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range: -90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature: 25.0DEG
Operators: YangWenPeng
Test Date: 2018-08-05

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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V(B) Range:-75 - 75DEG
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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.274
Humidity:65.0%
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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	1.13	2.80	6.62	9.63	12.1	21.8	27.8	32.6	35.9	36.3	39.6	43.7	46.5	48.1	49.0	49.1	49.8	45.7	42.2
-70	1.91	5.22	9.86	13.2	20.5	30.8	36.5	41.0	44.4	49.6	58.9	67.2	77.6	90.3	99.5	105	108	108	106
-65	0.87	4.21	9.99	14.4	19.4	34.8	40.9	45.9	50.3	57.5	70.6	84.1	101	123	144	157	166	172	172
-60	1.98	7.37	13.8	18.9	32.3	44.0	49.5	55.1	60.4	74.5	93.8	112	138	174	200	216	228	237	235
-55	0.57	5.45	12.9	18.7	28.3	44.2	52.6	66.3	85.3	163	441	744	954	1059	1094	1093	1083	1078	1076
-50	1.96	9.25	16.7	23.4	40.3	50.4	66.3	90.8	141	451	1044	1568	1874	1984	1993	1959	1933	1917	1919
-45	0.23	6.55	15.5	22.4	38.8	50.0	62.9	93.7	141	352	1151	2022	2606	2858	2899	2858	2801	2766	2756
-40	1.88	10.7	18.9	28.3	45.3	60.9	90.9	216	726	1351	1977	2424	2641	2676	2629	2560	2513	2488	2493
-35	0.19	7.01	16.6	24.7	42.0	56.8	86.8	185	857	1791	2324	2524	2556	2499	2408	2320	2257	2224	2218
-30	1.73	11.6	20.5	33.6	47.3	75.5	123	431	1815	2775	2891	2678	2439	2250	2111	2019	1969	1948	1957
-25	0.10	7.42	17.7	27.2	44.4	66.2	114	483	1671	2644	2818	2626	2383	2183	2038	1936	1875	1845	1844
-20	1.52	12.3	21.8	38.5	52.4	90.1	209	1293	2504	2810	2634	2372	2153	1988	1872	1794	1750	1734	1745
-15	0.00	7.76	18.7	29.6	45.8	78.2	145	986	2583	2912	2633	2326	2086	1912	1790	1706	1654	1630	1631
-10	1.33	12.6	22.4	41.4	55.7	100	292	1859	2879	2801	2471	2190	1985	1836	1733	1665	1627	1614	1626
-5	0.11	7.53	18.9	30.8	46.5	80.4	165	1243	2726	2890	2567	2260	2035	1866	1750	1670	1624	1603	1607
0	1.17	12.5	22.4	42.2	57.5	106	373	2127	2939	2748	2404	2131	1935	1795	1694	1632	1599	1588	1602
5	0.18	7.26	18.7	31.3	47.1	79.7	163	1227	2712	2905	2599	2294	2073	1906	1789	1710	1664	1644	1648
10	1.01	12.3	22.1	42.4	55.2	97.3	290	1816	2874	2850	2538	2263	2063	1916	1811	1745	1708	1696	1710
15	0.19	6.95	18.1	31.3	47.6	75.9	141	937	2539	2958	2731	2429	2201	2031	1908	1824	1774	1751	1756
20	0.90	11.5	21.1	41.5	52.6	85.3	204	1244	2464	2848	2734	2509	2306	2145	2029	1956	1914	1898	1910
25	0.23	6.08	16.5	28.2	47.2	63.5	107	460	1605	2608	2883	2769	2563	2378	2232	2138	2081	2051	2050
30	0.84	10.2	19.3	39.7	49.7	70.2	117	413	1710	2743	2991	2869	2664	2483	2347	2267	2218	2196	2202
35	0.26	5.19	14.7	24.9	45.3	53.9	78.5	174	801	1745	2357	2618	2683	2651	2581	2523	2479	2446	2440
40	0.72	8.54	16.8	35.5	46.3	56.1	80.8	199	691	1352	1998	2454	2695	2767	2761	2743	2709	2685	2684
45	0.29	4.29	12.5	21.2	41.8	47.2	54.1	80.7	130	370	1152	1978	2560	2852	2953	2980	2968	2937	2926
50	0.65	6.70	13.6	29.6	40.5	46.2	57.1	78.0	138	460	1029	1531	1850	1995	2050	2079	2088	2098	2112
55	0.32	2.81	9.44	16.5	33.1	40.8	47.1	58.2	76.5	163	435	722	931	1051	1113	1159	1203	1249	1288
60	0.63	4.69	9.92	21.9	32.4	40.5	45.4	48.1	51.8	64.8	84.6	101	129	164	214	275	355	436	485
65	0.38	1.66	6.26	11.4	22.5	29.7	36.1	38.4	41.0	48.4	63.4	76.4	92.1	115	144	180	227	282	326
70	0.52	2.51	6.11	12.6	18.5	23.8	29.9	30.6	33.8	42.8	54.6	62.3	72.1	83.9	101	120	144	171	188
75	0.45	0.85	3.00	5.98	10.1	13.8	21.0	21.2	23.4	28.0	37.5	41.9	43.6	43.9	43.6	43.9	40.0	38.9	39.3
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
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Operators:YangWenPeng
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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

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	40.4	41.7	46.5	48.0	48.0	48.0	45.7	42.9	36.7	30.3	28.4	29.1	24.2	18.4	14.2	10.8	8.44	5.43	
-70	101	96.2	91.6	83.6	76.5	68.6	61.6	54.5	43.9	37.8	36.8	34.8	29.0	23.7	14.1	11.0	7.62	4.14	
-65	166	154	140	126	110	95.6	81.6	72.9	59.6	48.6	44.9	43.5	39.4	32.7	23.1	13.3	9.80	4.82	
-60	223	202	178	155	133	111	95.6	81.2	64.8	55.3	52.1	49.2	45.1	35.9	18.3	13.0	8.21	2.85	
-55	1078	1077	1071	1061	1023	920	714	436	183	91.7	68.8	57.8	48.8	42.6	31.5	16.1	11.0	4.32	
-50	1936	1947	1959	1946	1851	1589	1118	563	204	104	76.7	57.1	48.3	42.9	23.8	15.0	8.85	1.81	
-45	2778	2811	2837	2853	2786	2520	1942	1133	408	160	100.0	71.9	52.2	48.0	39.4	18.9	12.1	3.92	
-40	2526	2566	2618	2659	2628	2442	2040	1490	962	463	142	76.9	55.8	47.2	30.3	17.2	9.84	1.11	
-35	2244	2290	2354	2440	2523	2562	2512	2312	1898	1159	375	115	71.4	50.8	43.3	21.9	13.7	4.55	
-30	1994	2059	2157	2292	2465	2671	2863	2861	2341	1132	247	108	67.4	48.9	37.7	19.6	11.2	0.77	
-25	1870	1921	2002	2118	2268	2453	2666	2821	2718	2020	896	200	90.6	56.1	45.0	24.3	15.1	5.19	
-20	1780	1840	1931	2056	2212	2405	2623	2798	2706	2008	772	158	79.9	50.8	40.0	21.0	12.1	0.98	
-15	1656	1705	1779	1886	2022	2192	2405	2661	2869	2742	1665	329	110	63.9	44.4	26.0	16.2	5.85	
-10	1657	1714	1800	1915	2060	2240	2465	2729	2879	2545	1223	212	90.9	53.4	41.1	21.9	13.0	1.18	
-5	1629	1673	1744	1846	1974	2134	2335	2580	2822	2827	2025	556	123	69.1	44.1	26.9	16.9	6.50	
0	1628	1680	1765	1870	2007	2176	2390	2652	2859	2743	1599	270	101	56.7	41.0	22.5	13.6	1.36	
5	1670	1714	1786	1885	2007	2162	2357	2593	2824	2834	2074	580	124	70.0	43.4	26.9	17.1	6.91	
10	1741	1797	1884	1990	2123	2292	2503	2741	2879	2591	1332	233	93.6	54.3	40.0	22.1	13.5	1.88	
15	1781	1828	1905	2005	2123	2277	2470	2699	2873	2764	1812	401	113	66.6	42.4	25.9	16.9	7.08	
20	1939	1996	2084	2192	2326	2492	2674	2823	2763	2165	918	182	84.0	51.0	38.2	21.6	13.2	2.27	
25	2069	2111	2187	2287	2412	2568	2731	2851	2781	2227	1076	239	94.4	58.1	41.8	24.7	16.3	7.26	
30	2224	2279	2366	2476	2618	2778	2903	2897	2510	1464	355	116	71.7	46.8	35.5	21.0	12.8	2.55	
35	2449	2478	2537	2606	2676	2727	2699	2515	2110	1395	512	133	75.5	51.3	39.1	23.2	15.5	7.24	
40	2688	2720	2762	2794	2785	2681	2390	1872	1211	607	187	86.2	57.6	44.6	29.1	19.5	12.0	3.16	
45	2924	2929	2954	2962	2915	2754	2374	1691	861	269	120	81.2	56.4	46.5	34.4	21.3	14.4	7.02	
50	2111	2112	2104	2070	1983	1806	1461	937	400	139	85.0	63.0	48.4	41.3	24.0	17.8	11.1	3.67	
55	1305	1293	1264	1214	1135	1033	877	631	342	133	75.1	58.9	49.0	43.6	26.8	18.7	13.2	6.80	
60	493	456	391	302	212	153	116	92.1	75.9	59.2	50.3	46.6	44.2	36.8	20.3	15.7	10.2	4.07	
65	344	331	294	241	179	131	101	81.5	68.6	56.5	47.7	43.2	39.9	36.0	20.1	15.8	11.6	6.49	
70	193	182	160	131	101	81.3	68.1	58.9	52.5	45.8	40.8	37.0	32.8	23.6	15.7	12.9	8.91	4.61	
75	41.1	44.0	45.4	45.0	45.6	45.8	44.9	43.0	41.4	39.8	37.5	33.9	29.2	23.7	14.1	12.3	9.65	6.09	
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:2018-08-05

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: