

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

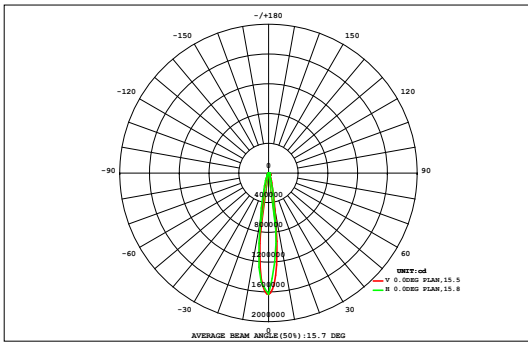
Maximum Intensity		6649.9 cd per klm.
(Luminaire orientation as tested.)		0.0 degrees vertical
		0.0 degrees horizontal
Beam Spread	At 10% of I _{max}	34.4V x 33.2H
	At 50% of I _{max}	15.8V x 15.5H
	At 90% of I _{max}	5.6V x 6.7H
Beam Flux	Total	1000.4 lumens per klm.
	To 10% of I _{max}	579.9 lumens per klm.
	To 50% of I _{max}	275.6 lumens per klm.
	To 90% of I _{max}	47.2 lumens per klm.
	Upward LOR	0.0 %
	Downward LOR	100.0 %
Luminaire Efficiency (Light Output Ratio)		100.0 %

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:S
Test Date:28 November 2024

V(B) Range:-85 - 85DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.850m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:482.02V I:3.7426A P:1795.1W PF:0.9951 Freq:50.01Hz		
Lamp Flux:245543x1 lm		
NAME: ASD-SPFL8-1800D50-DMX-DALI	TYPE: 17D	
SPEC.: 1800W 4800V		
MFR.: ASD LIGHTING CORP		



DATA OF LAMP		Eff:136.79lm/W	
ASD-SPFL8-1800D50-DMX-DALI		Imax (cd)	1632850
NOMINAL POWER (W)	1800	AVAILABILITY (%)	57.9
RATED VOLTAGE (V)	480	Avai. FLUX (lm)	142215
NOMINAL FLUX (lm)	245543	LOR (%)	100.0
LAMPS INSIDE	1	TOTAL FLUX (lm)	245543
TEST VOLTAGE (V)	480	θ @50% (H, V)	16,16DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM															UNIT: lm		Φ t	Φ a		
	0.03	0.32	1.24	2.95	5.34	7.99	10.4	12.3	13.4	13.5	12.4	10.7	8.30	5.62	3.14	1.32	0.34			0.04	109
80	0.17	2.20	8.42	19.3	33.0	47.3	59.9	69.3	75.2	75.5	70.0	60.9	48.4	34.2	20.1	8.80	2.31	0.18	635	0.00	
70	0.39	5.15	18.6	39.9	65.3	90.9	114	131	142	142	132	115	92.6	67.1	41.3	19.3	5.36	0.42	1223	0.00	
60	0.69	8.61	29.2	60.1	98.0	140	191	244	286	288	250	194	143	101	62.0	30.1	8.90	0.72	2134	0.00	
50	1.01	12.0	38.7	79.4	136	236	373	544	616	620	557	393	247	139	81.6	39.8	12.4	1.06	4127	0.00	
40	1.33	15.1	46.9	97.2	205	387	737	1086	1162	1157	1076	748	411	214	99.5	48.1	15.5	1.39	7509	0.00	
30	1.60	17.6	53.6	118	308	628	1136	1742	2490	2455	1676	1106	641	327	120	54.8	18.0	1.68	12894	0.00	
	1.81	19.4	58.3	151	394	848	1478	3536	7746	7705	3400	1388	859	414	154	59.6	19.9	1.92	28234	14796	
	1.91	20.4	61.1	176	463	881	1857	6238	28229	28308	6053	1760	886	484	180	62.4	20.9	2.11	75684	65765	
	1.88	20.5	61.7	176	470	877	1721	5589	24145	24176	5481	1649	892	492	179	63.1	21.1	2.14	66016	55808	
	1.59	19.6	60.2	151	416	826	1249	2631	4902	4902	2598	1221	848	435	152	61.5	20.4	1.85	20496	5845	
-30	1.21	17.1	55.9	122	333	625	1032	1263	1652	1655	1267	1054	640	345	124	57.5	18.4	1.34	10262	0.00	
-40	0.89	13.9	48.7	103	215	445	722	1033	1083	1085	1039	735	458	219	107	51.1	15.0	0.93	7373	0.00	
-50	0.64	10.4	39.5	85.3	145	253	425	591	653	654	598	431	255	149	88.8	42.2	11.0	0.66	4433	0.00	
-60	0.43	7.07	29.0	64.4	106	150	194	247	298	298	248	196	154	110	67.7	30.8	7.28	0.47	2208	0.00	
-70	0.27	4.13	18.0	42.1	70.7	98.8	123	141	153	154	143	126	102	74.2	44.7	18.9	4.33	0.30	1318	0.00	
-80	0.19	2.12	8.46	20.5	35.9	51.7	66.0	77.3	84.8	85.4	79.3	69.6	57.0	41.0	23.8	10.2	2.80	0.20	716	0.00	
-90	0.10	0.75	1.97	4.14	7.15	10.6	14.1	17.3	19.8	20.3	18.9	16.9	14.8	11.4	7.07	3.77	1.46	0.10	171	0.00	
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90				
Φ t	16.2	196	640	1512	3506	6603	11502	25192	73749	73795	24697	11272	6758	3663	1556	663	205	17.52	245543	---	
Φ a	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9544	61946	61998	8727	0.00	0.00	0.00	0.00	0.00	0.00	0.00	---	142215	

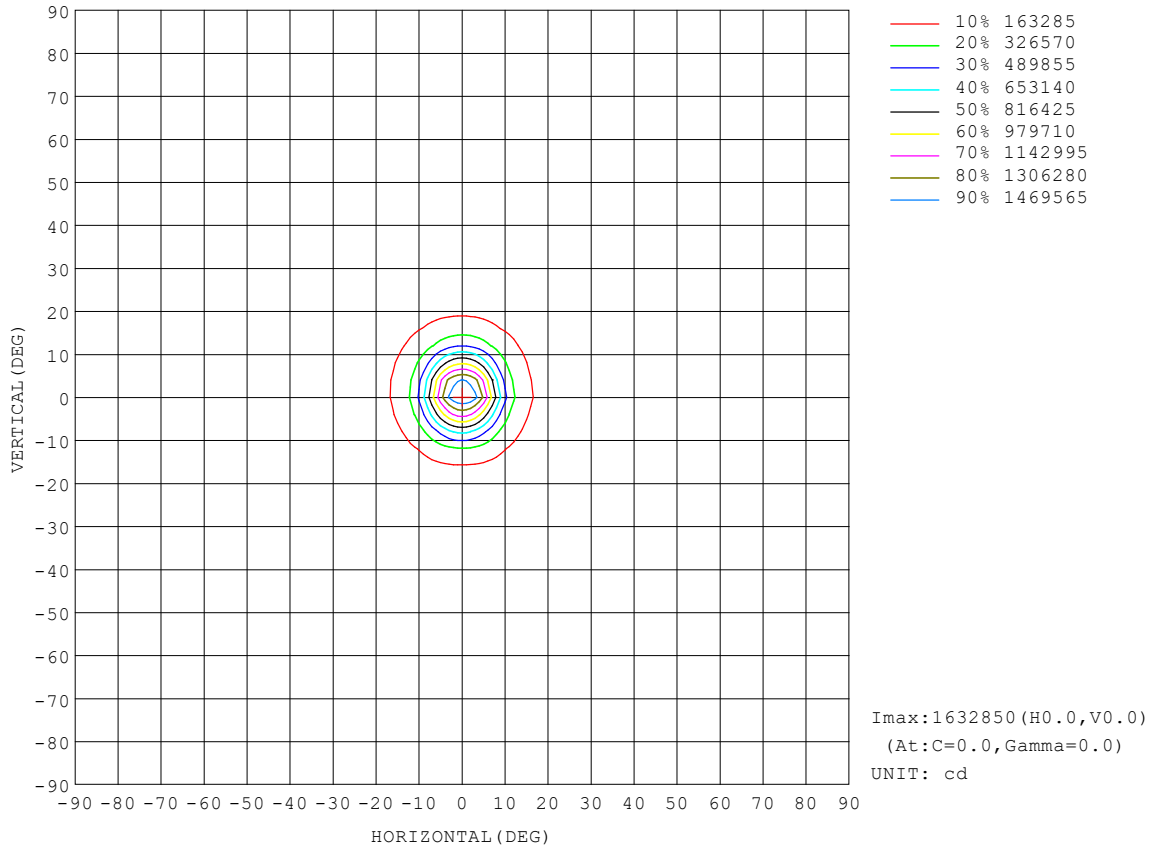
one-half-peak spread: U:7.1,D:8.8 , L:7.7,R:7.9 NEMA Beam Type: Type 3

H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:S
Test Date:28 November 2024

V(B) Range:-85 - 85DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.850m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:482.02V I:3.7426A P:1795.1W PF:0.9951 Freq:50.01Hz Lamp Flux:245543x1 lm		
NAME: ASD-SPFL8-1800D50-DMX-DALI	TYPE: 17D	
SPEC.: 1800W 4800V		
MFR.: ASD LIGHTING CORP		

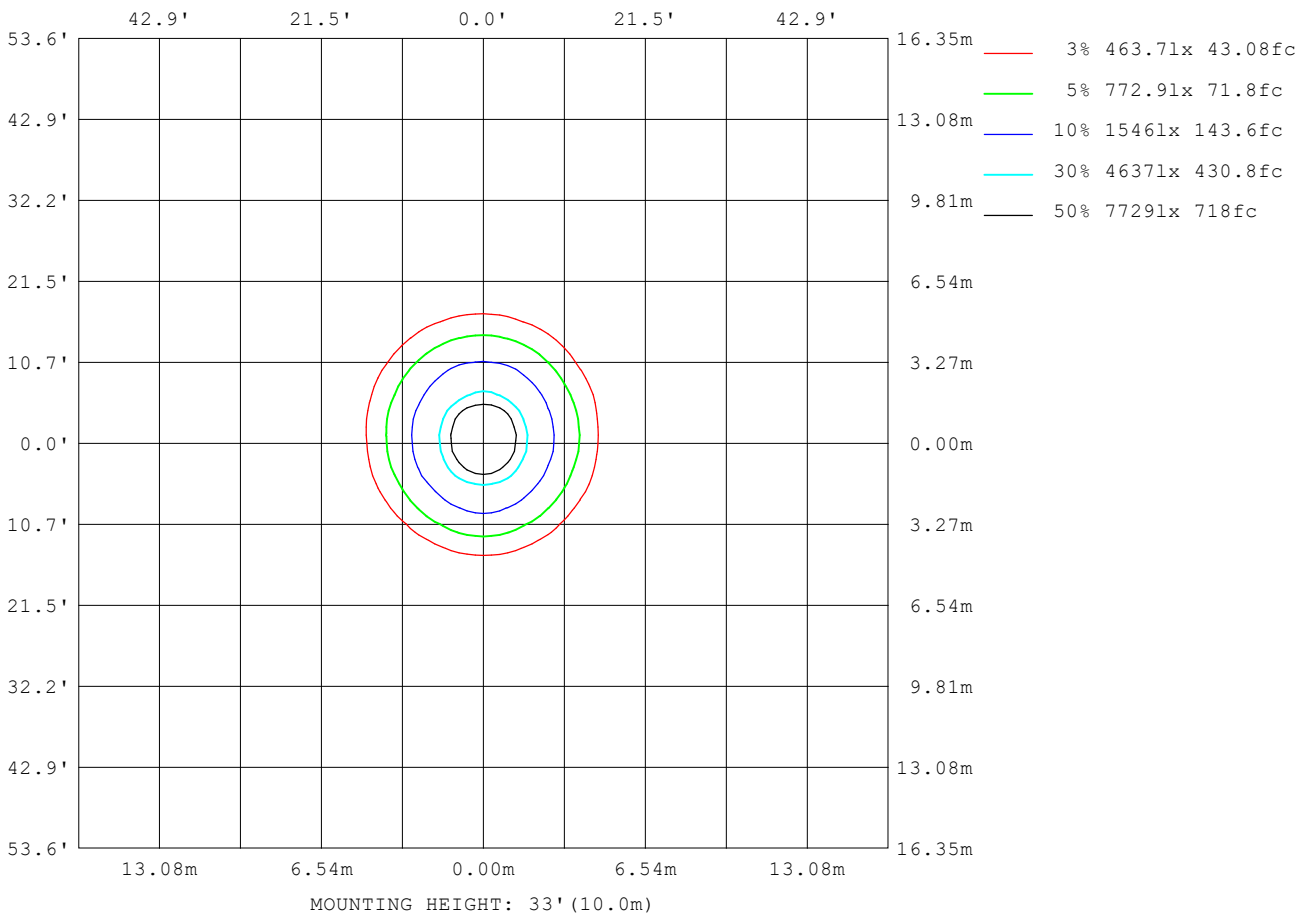


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:S
Test Date:28 November 2024

V(B) Range:-85 - 85DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.850m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

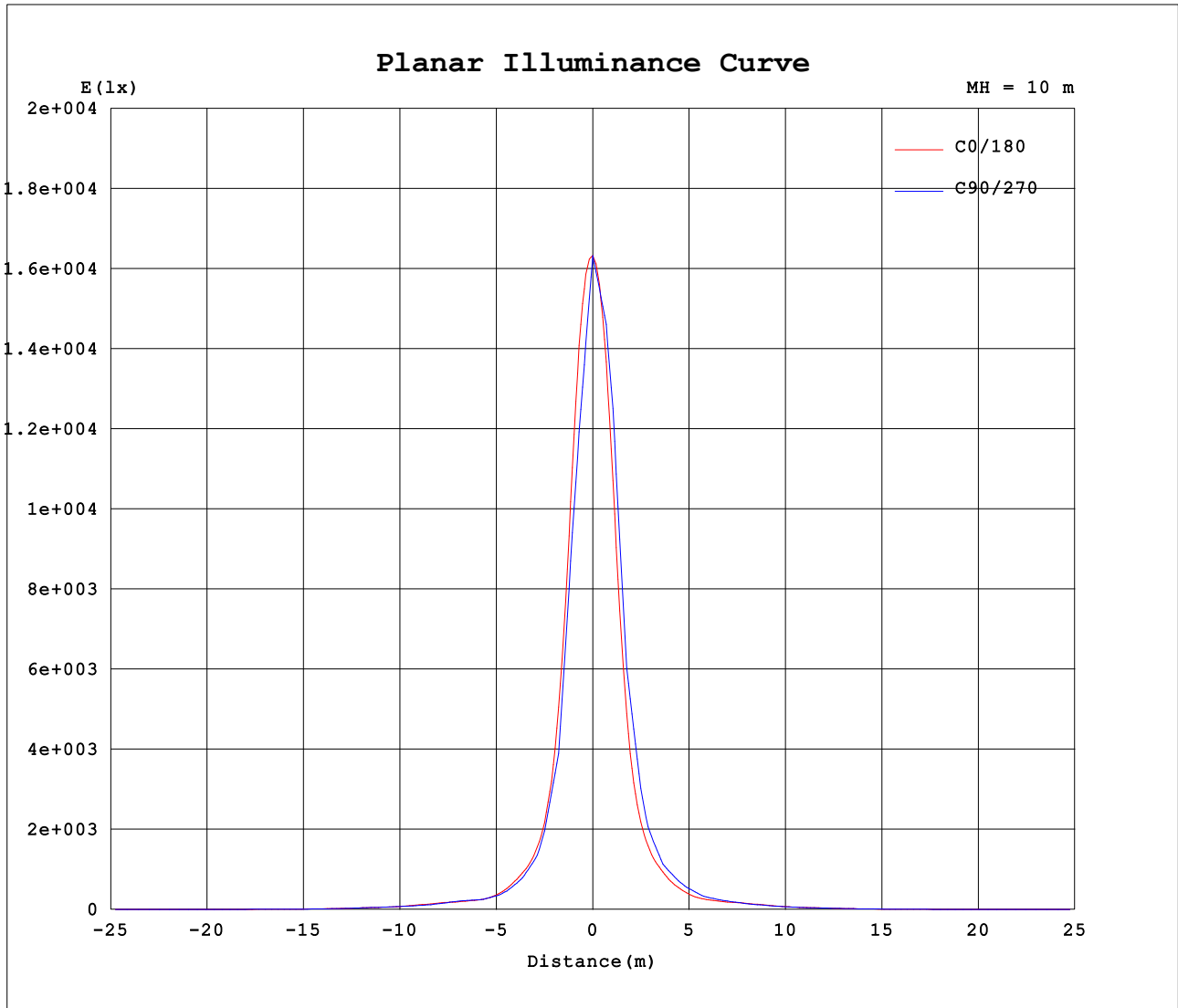
Test:U:482.02V I:3.7426A P:1795.1W PF:0.9951 Freq:50.01Hz Lamp Flux:245543x1 lm		
NAME: ASD-SPFL8-1800D50-DMX-DALI	TYPE: 17D	
SPEC.: 1800W 4800V		
MFR.: ASD LIGHTING CORP		



H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:S
Test Date:28 November 2024

V(B) Range:-85 - 85DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.850m [K=1.0000]
Remarks:

Planar Illuminance Curve

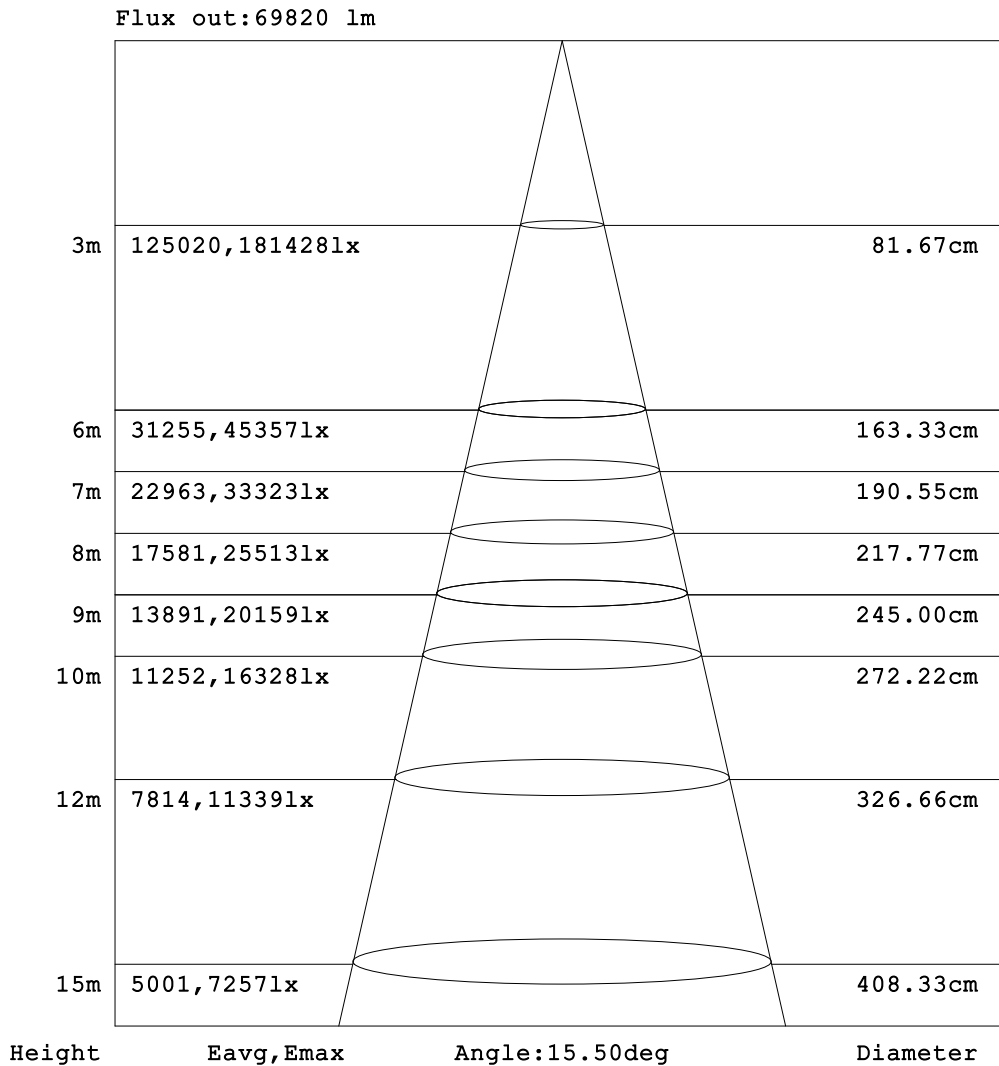


H(β) Range:-90 - 90DEG
H(β) Interval: 1.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:S
Test Date:28 November 2024

V(B) Range:-85 - 85DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.850m [K=1.0000]
Remarks:

AAI Figure

Test:U:482.02V I:3.7426A P:1795.1W PF:0.9951 Freq:50.01Hz Lamp Flux:245543x1 lm		
NAME: ASD-SPFL8-1800D50-DMX-DALI	TYPE: 17D	
SPEC.: 1800W 4800V		
MFR.: ASD LIGHTING CORP		



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:25.3DEG
Operators:S
Test Date:28 November 2024

V(B) Range:-85 - 85DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.850m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:482.02V I:3.7426A P:1795.1W PF:0.9951 Freq:50.01Hz		
Lamp Flux:245543x1 lm		
NAME: ASD-SPFL8-1800D50-DMX-DALI	TYPE: 17D	
SPEC.: 1800W 4800V		
MFR.: ASD LIGHTING CORP		

Table--1

UNIT: X1000cd

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	0.04	0.04	0.11	0.17	0.25	0.35	0.48	0.61	0.76	0.89	1.02	1.15	1.25	1.36	1.44	1.53	1.60	1.66	1.69
-75	0.03	0.04	0.13	0.23	0.38	0.58	0.80	1.05	1.29	1.51	1.71	1.89	2.05	2.19	2.31	2.43	2.52	2.59	2.62
-70	0.03	0.05	0.15	0.33	0.60	0.96	1.35	1.75	2.12	2.46	2.75	3.01	3.22	3.42	3.57	3.70	3.82	3.91	3.95
-65	0.03	0.06	0.19	0.44	0.82	1.29	1.79	2.27	2.72	3.12	3.47	3.77	4.03	4.26	4.42	4.58	4.72	4.84	4.88
-60	0.02	0.07	0.26	0.61	1.15	1.78	2.42	3.03	3.59	4.11	4.54	4.93	5.27	5.58	5.81	5.99	6.17	6.34	6.40
-55	0.02	0.08	0.32	0.77	1.41	2.14	2.86	3.55	4.20	4.78	5.30	5.77	6.20	6.59	6.95	7.25	7.62	8.01	8.14
-50	0.02	0.10	0.41	0.99	1.78	2.62	3.45	4.27	5.04	5.76	6.46	7.30	8.30	9.52	11.1	13.2	15.2	16.6	17.2
-45	0.02	0.12	0.49	1.18	2.05	2.96	3.86	4.75	5.62	6.49	7.58	9.08	11.4	14.7	17.3	19.1	20.1	20.7	20.9
-40	0.02	0.14	0.60	1.42	2.39	3.38	4.37	5.39	6.42	7.70	9.73	14.0	18.1	20.1	23.1	27.6	27.5	27.2	27.6
-35	0.02	0.16	0.70	1.61	2.64	3.67	4.71	5.80	6.99	8.96	13.2	17.7	20.1	24.3	29.9	35.5	36.6	36.4	36.6
-30	0.02	0.18	0.82	1.84	2.94	4.02	5.13	6.27	7.91	12.1	18.1	20.2	24.9	33.0	39.9	39.0	38.9	38.4	38.3
-25	0.02	0.21	0.95	2.03	3.15	4.24	5.37	6.61	9.15	15.4	19.3	23.2	31.0	39.0	38.9	39.5	43.2	47.7	49.7
-20	0.02	0.24	1.08	2.22	3.36	4.46	5.60	7.10	11.5	18.6	21.4	29.2	38.9	38.3	43.1	55.7	73.1	89.1	95.2
-15	0.02	0.29	1.20	2.36	3.50	4.60	5.76	7.73	13.5	19.3	24.1	33.8	38.3	41.3	56.2	80.6	111	140	153
-10	0.02	0.33	1.31	2.46	3.58	4.69	5.88	8.58	15.3	19.7	27.3	35.5	38.4	50.4	78.9	126	200	325	408
-5	0.02	0.38	1.36	2.50	3.62	4.74	5.95	9.26	16.0	20.6	29.6	34.9	39.5	58.2	96.6	165	336	716	957
0	0.02	0.40	1.35	2.48	3.60	4.71	5.92	9.49	16.1	20.9	30.7	34.4	40.5	64.5	113	207	512	1243	1633
5	0.02	0.41	1.36	2.49	3.60	4.71	5.92	9.55	16.1	20.5	30.4	34.5	40.9	65.4	112	201	463	1113	1472
10	0.02	0.39	1.31	2.41	3.50	4.58	5.75	8.73	15.2	18.8	27.5	34.9	40.0	58.8	95.9	155	273	479	632
15	0.02	0.39	1.29	2.38	3.44	4.51	5.65	8.12	14.3	18.0	25.1	35.8	39.4	52.4	81.7	124	189	279	332
20	0.02	0.36	1.21	2.24	3.27	4.29	5.38	6.92	11.8	16.7	20.3	32.1	39.5	43.5	58.6	81.3	108	129	137
25	0.02	0.35	1.16	2.16	3.16	4.15	5.21	6.49	10.0	15.4	17.8	25.8	36.7	42.3	48.6	61.0	76.7	89.6	94.1
30	0.02	0.30	1.05	1.97	2.92	3.85	4.84	5.91	7.59	12.0	15.3	18.1	25.7	36.5	40.7	44.6	47.1	49.6	50.9
35	0.02	0.29	0.98	1.86	2.77	3.66	4.59	5.61	6.86	9.62	13.7	15.7	20.2	28.6	36.6	38.6	38.9	40.1	40.7
40	0.02	0.24	0.84	1.63	2.47	3.29	4.12	5.04	5.96	7.20	9.48	12.6	14.4	17.4	24.4	30.1	29.0	28.8	29.1
45	0.01	0.22	0.76	1.49	2.27	3.04	3.82	4.63	5.46	6.39	7.79	9.91	12.1	14.2	16.7	19.4	20.4	21.2	21.6
50	0.01	0.17	0.62	1.23	1.92	2.61	3.29	3.97	4.64	5.31	6.03	6.92	8.11	9.52	11.1	12.7	14.0	14.6	14.8
55	0.01	0.15	0.53	1.07	1.68	2.32	2.94	3.55	4.13	4.70	5.25	5.80	6.43	7.17	7.96	8.73	9.50	10.1	10.3
60	0.02	0.10	0.39	0.80	1.30	1.83	2.35	2.85	3.33	3.78	4.18	4.53	4.85	5.18	5.42	5.57	5.74	5.89	5.91
65	0.02	0.09	0.31	0.65	1.05	1.51	1.96	2.39	2.80	3.19	3.53	3.82	4.09	4.34	4.53	4.67	4.80	4.91	4.93
70	0.02	0.05	0.19	0.41	0.69	1.00	1.34	1.68	1.99	2.27	2.53	2.76	2.97	3.15	3.28	3.39	3.48	3.56	3.59
75	0.02	0.04	0.13	0.28	0.48	0.71	0.95	1.21	1.46	1.68	1.89	2.07	2.24	2.37	2.49	2.57	2.64	2.71	2.73
80	0.02	0.02	0.06	0.12	0.21	0.31	0.43	0.55	0.68	0.81	0.94	1.04	1.14	1.22	1.29	1.34	1.38	1.42	1.43
85	0.02	0.02	0.03	0.06	0.09	0.13	0.18	0.24	0.30	0.36	0.42	0.47	0.52	0.56	0.59	0.62	0.64	0.66	0.67
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:S
Test Date:28 November 2024

V(B) Range:-85 - 85DEG
V(B) Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446
Humidity:65.0%
Test Distance:7.850m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:482.02V I:3.7426A P:1795.1W PF:0.9951 Freq:50.01Hz		
Lamp Flux:245543x1 lm		
NAME: ASD-SPFL8-1800D50-DMX-DALI	TYPE: 17D	
SPEC.: 1800W 4800V		
MFR.: ASD LIGHTING CORP		

Table--2

UNIT: X1000cd

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	1.69	1.66	1.62	1.57	1.52	1.47	1.42	1.34	1.19	1.03	0.86	0.70	0.55	0.44	0.32	0.11	0.05	0.11
-75	2.61	2.56	2.49	2.41	2.33	2.23	2.12	1.97	1.75	1.51	1.24	0.96	0.71	0.51	0.33	0.13	0.05	0.08
-70	3.93	3.86	3.76	3.65	3.52	3.36	3.17	2.93	2.64	2.31	1.91	1.47	1.04	0.67	0.39	0.16	0.06	0.06
-65	4.86	4.76	4.64	4.50	4.35	4.14	3.90	3.61	3.27	2.88	2.41	1.87	1.33	0.84	0.46	0.19	0.07	0.05
-60	6.37	6.22	6.05	5.90	5.68	5.40	5.08	4.71	4.29	3.79	3.22	2.57	1.88	1.19	0.64	0.28	0.08	0.04
-55	8.00	7.62	7.27	7.00	6.68	6.32	5.91	5.46	4.94	4.37	3.74	3.02	2.25	1.46	0.78	0.33	0.10	0.04
-50	16.7	15.3	13.2	11.1	9.55	8.41	7.47	6.68	5.99	5.26	4.50	3.70	2.84	1.90	1.04	0.42	0.12	0.04
-45	20.7	20.3	19.4	17.6	14.7	11.3	9.12	7.72	6.67	5.80	4.93	4.06	3.15	2.18	1.22	0.48	0.14	0.04
-40	27.3	27.4	27.8	23.6	20.7	18.8	14.2	9.90	7.93	6.65	5.61	4.59	3.62	2.61	1.53	0.62	0.15	0.04
-35	36.5	36.7	35.4	30.0	24.7	20.6	18.3	13.2	9.00	7.13	5.95	4.87	3.85	2.84	1.72	0.72	0.17	0.04
-30	38.5	39.2	39.6	41.2	33.5	25.7	21.0	19.1	12.4	8.11	6.48	5.30	4.19	3.15	2.04	0.91	0.20	0.05
-25	47.7	43.1	39.5	39.4	40.1	31.2	23.8	20.1	15.8	9.08	6.72	5.48	4.35	3.29	2.19	1.03	0.22	0.06
-20	89.3	73.6	55.8	42.7	38.2	40.5	29.9	22.3	19.8	11.8	7.26	5.76	4.59	3.49	2.39	1.23	0.31	0.09
-15	138	110	79.4	54.1	40.1	38.9	34.7	24.6	20.3	13.6	7.66	5.85	4.67	3.56	2.45	1.31	0.35	0.12
-10	328	199	124	77.5	48.4	37.9	37.3	28.6	20.9	16.2	8.72	6.04	4.81	3.68	2.55	1.41	0.45	0.16
-5	705	326	157	92.5	54.5	38.1	36.1	30.5	21.2	16.7	9.13	6.05	4.82	3.68	2.55	1.43	0.48	0.17
0	1283	529	204	110	61.7	38.5	35.2	31.8	22.1	17.3	9.77	6.08	4.84	3.70	2.57	1.45	0.51	0.17
5	1114	455	190	107	60.8	38.3	35.1	31.1	21.1	16.9	9.50	6.01	4.79	3.66	2.54	1.42	0.49	0.15
10	487	274	150	92.5	55.5	37.9	35.9	28.9	19.9	16.2	8.98	5.91	4.71	3.60	2.50	1.39	0.46	0.11
15	277	184	119	76.4	48.6	37.6	36.9	25.6	19.0	14.8	8.06	5.74	4.58	3.50	2.43	1.34	0.43	0.08
20	128	106	78.8	55.6	40.9	39.2	32.9	21.3	17.9	12.4	7.09	5.52	4.40	3.36	2.32	1.27	0.40	0.05
25	88.1	74.4	58.3	46.1	40.7	36.6	26.1	18.6	16.4	10.1	6.59	5.30	4.22	3.22	2.20	1.20	0.36	0.05
30	49.2	46.1	43.5	39.4	36.7	26.8	19.2	16.5	12.9	7.85	6.08	4.99	3.96	3.01	2.04	1.10	0.33	0.03
35	39.9	38.3	38.2	36.1	28.9	20.8	16.7	14.5	9.91	7.00	5.72	4.68	3.73	2.82	1.90	1.01	0.30	0.03
40	28.8	29.3	30.2	25.4	18.3	15.3	13.7	10.0	7.44	6.15	5.19	4.25	3.39	2.54	1.69	0.89	0.27	0.03
45	21.3	20.6	19.7	17.4	15.0	12.9	10.4	8.00	6.53	5.61	4.74	3.90	3.11	2.32	1.52	0.79	0.23	0.02
50	14.8	14.4	13.2	11.7	9.94	8.38	7.10	6.17	5.47	4.80	4.11	3.40	2.70	1.99	1.28	0.65	0.18	0.02
55	10.2	9.64	8.93	8.13	7.27	6.52	5.91	5.35	4.81	4.25	3.65	3.01	2.38	1.73	1.10	0.55	0.15	0.02
60	5.91	5.78	5.62	5.46	5.23	4.92	4.63	4.29	3.89	3.44	2.96	2.44	1.91	1.35	0.84	0.42	0.12	0.02
65	4.92	4.83	4.70	4.56	4.38	4.14	3.89	3.61	3.27	2.88	2.47	2.03	1.55	1.09	0.67	0.32	0.09	0.02
70	3.58	3.51	3.42	3.31	3.19	3.03	2.83	2.61	2.35	2.07	1.75	1.41	1.05	0.72	0.44	0.21	0.06	0.02
75	2.72	2.67	2.59	2.51	2.41	2.27	2.12	1.94	1.74	1.51	1.25	0.99	0.73	0.50	0.30	0.14	0.04	0.02
80	1.43	1.40	1.36	1.31	1.25	1.17	1.09	0.99	0.85	0.72	0.59	0.46	0.33	0.22	0.13	0.06	0.02	0.02
85	0.66	0.65	0.63	0.60	0.57	0.53	0.49	0.44	0.38	0.32	0.26	0.20	0.14	0.10	0.06	0.03	0.02	0.02
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:S

Test Date:28 November 2024

V(B) Range:-85 - 85DEG

V(B) Interval: 2.0DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.446

Humidity:65.0%

Test Distance:7.850m [K=1.0000]

Remarks:

50% Beam Angle : 16°-H X 16°-V

one-half-peak spread: U:7.1,D:8.8 , L:7.7,R:7.9

TOTAL FLUX : 245543 lm

LOR : 100.0%

AVAILABILITY FLUX : 142215 lm

AVAILABILITY : 57.9%

