

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

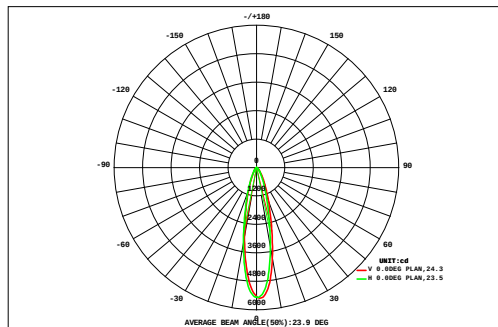
Maximum Intensity (Luminaire orientation as tested.)		3213.5 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of Imax	53.9V x 55.5H
	At 50% of Imax	23.5V x 24.3H
	At 90% of Imax	9.4V x 9.4H
Beam Flux	Total	1000.3 lumens per klm.
	To 10% of Imax	721.5 lumens per klm.
	To 50% of Imax	313.6 lumens per klm.
	To 90% of Imax	60.9 lumens per klm.
Upward LOR		2.3 %
Downward LOR		97.7 %
Luminaire Efficiency(Light Output Ratio)		100.0 %

H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-10-17

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:8.630m [K=1.0000]
Remarks:

LUMINAIRE PHOTOMETRIC TEST REPORT

NAME:BlazeLine Slim-600mm-3000K-25D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:25 DEG	DIM.:600MM	SERIAL No.:IES001906
MFR.:	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:92.11lm/W	
MODEL		Imax(cd)	5505
NOMINAL POWER(W)	18.7	AVAILABILITY(%)	72.1
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	1235
NOMINAL FLUX(lm)	1713	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	1713
TEST VOLTAGE(V)	220	q @50%(H,V)	24,24DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		F t	F a
	0.30	0.38	0.48	0.59	0.72	0.86	0.99	1.11	1.19	1.24	1.23	1.18	1.09	0.97	0.83	0.69	0.55	0.43	14.8	0.00
45	0.30	0.38	0.48	0.59	0.72	0.86	0.99	1.11	1.19	1.24	1.23	1.18	1.09	0.97	0.83	0.69	0.55	0.43	14.8	0.00
40	0.34	0.45	0.59	0.75	0.94	1.16	1.39	1.59	1.73	1.80	1.78	1.67	1.50	1.29	1.08	0.87	0.68	0.52	20.1	0.00
35	0.40	0.53	0.72	0.95	1.26	1.62	2.02	2.38	2.62	2.72	2.66	2.45	2.13	1.76	1.41	1.10	0.84	0.62	28.2	0.00
30	0.45	0.62	0.87	1.21	1.69	2.33	3.03	3.68	4.13	4.29	4.11	3.66	3.06	2.43	1.86	1.39	1.02	0.73	40.6	8.66
25	0.51	0.72	1.04	1.53	2.28	3.33	4.63	5.89	6.75	6.97	6.50	5.53	4.37	3.31	2.43	1.73	1.21	0.83	59.6	39.7
20	0.57	0.83	1.23	1.90	3.01	4.76	7.10	9.57	11.3	11.6	10.4	8.30	6.16	4.40	3.08	2.09	1.39	0.93	88.6	72.9
15	0.61	0.92	1.42	2.31	3.89	6.55	10.5	15.4	19.2	19.6	16.6	12.1	8.35	5.65	3.76	2.44	1.56	1.01	132	118
10	0.65	0.99	1.57	2.66	4.73	8.34	14.1	22.7	30.3	31.0	24.6	16.6	10.8	6.94	4.39	2.75	1.70	1.07	186	174
5	0.66	1.02	1.65	2.84	5.20	9.45	16.7	27.6	37.7	39.1	31.8	21.4	13.1	7.92	4.83	2.94	1.78	1.10	227	215
0	0.65	1.00	1.63	2.84	5.21	9.54	17.0	28.1	37.5	39.2	32.7	21.9	13.2	7.95	4.82	2.93	1.76	1.08	229	217
-5	0.61	0.93	1.51	2.63	4.75	8.53	14.6	22.4	28.9	29.9	24.8	17.5	11.2	7.00	4.35	2.69	1.65	1.03	185	173
-10	0.55	0.83	1.31	2.23	3.87	6.55	10.2	14.4	18.0	18.6	15.8	12.1	8.47	5.66	3.67	2.35	1.48	0.94	127	114
-15	0.48	0.70	1.07	1.73	2.86	4.51	6.60	8.82	10.5	10.8	9.71	7.88	5.94	4.25	2.93	1.95	1.27	0.84	82.9	67.7
-20	0.41	0.58	0.85	1.30	2.01	2.97	4.10	5.30	6.15	6.38	5.93	5.02	4.01	3.04	2.22	1.55	1.06	0.72	53.6	32.7
-25	0.34	0.47	0.68	0.98	1.39	1.93	2.55	3.18	3.62	3.77	3.61	3.18	2.65	2.12	1.62	1.19	0.86	0.61	34.8	2.67
-30	0.28	0.39	0.54	0.73	0.98	1.29	1.62	1.94	2.17	2.27	2.22	2.03	1.76	1.47	1.17	0.90	0.68	0.50	23.0	0.00
-35	0.24	0.32	0.42	0.55	0.70	0.88	1.07	1.23	1.35	1.41	1.41	1.33	1.19	1.03	0.85	0.69	0.54	0.41	15.6	0.00
-40	0.20	0.26	0.33	0.42	0.51	0.62	0.73	0.82	0.88	0.92	0.93	0.89	0.82	0.72	0.62	0.52	0.42	0.32	10.9	0.00
-45	0.20	0.26	0.33	0.42	0.51	0.62	0.73	0.82	0.88	0.92	0.93	0.89	0.82	0.72	0.62	0.52	0.42	0.32	10.9	0.00
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)	10	15	20	25	30	35	40	45			
F t	8.25	11.9	17.9	28.2	46.0	75.2	119	176	224	232	197	145	99.8	67.9	45.9	30.8	20.4	13.7	1558	---
F a	0.00	0.00	0.00	0.00	23.0	57.6	103	161	209	217	182	129	82.5	49.0	21.9	0.29	0.00	0.00	---	1235

one-half-peak spread: U:12.1,D:11.6 , L:12.2,R:12.3

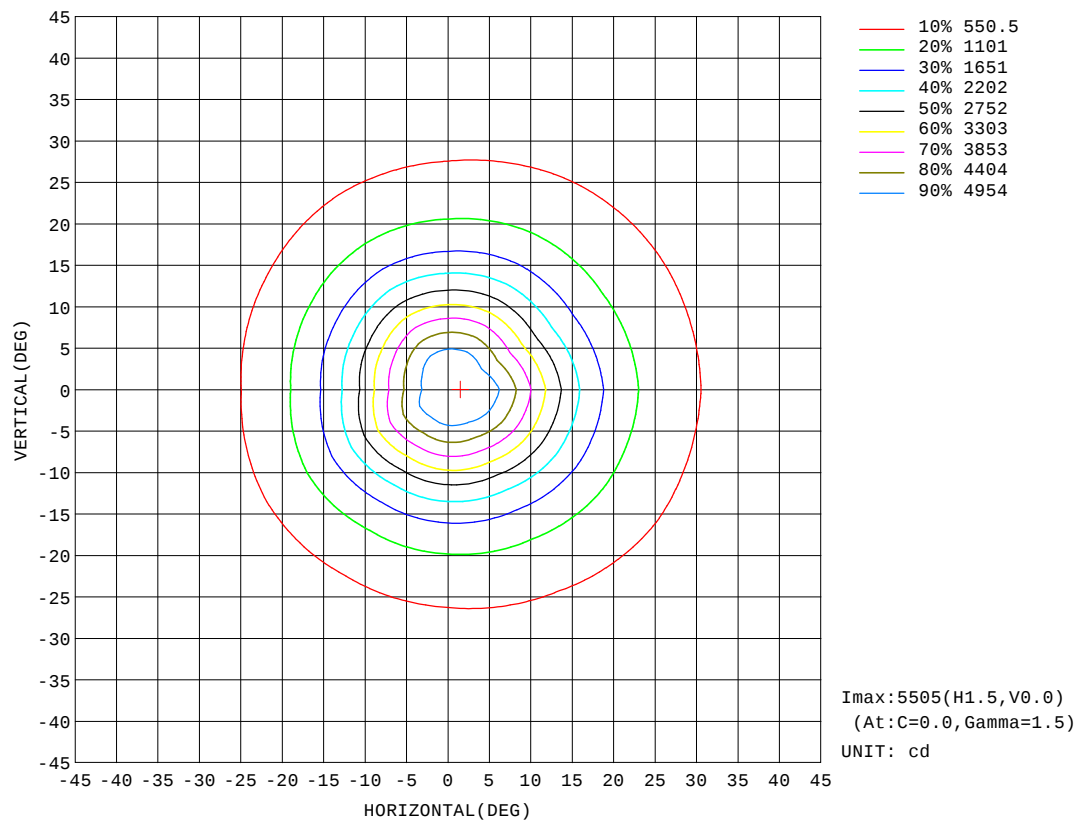
NEMA Beam Type: Type 4

H_(b) Range: -90 - 90DEG
 H_(b) Interval: 0.5DEG
 Test Speed: LOW
 Temperature: 25.3DEG
 Operators: Fan
 Test Date: 2023-10-17

V(B) Range: -180 - 180DEG
 V(B) Interval: 0.5DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.351
 Humidity: 65.0%
 Test Distance: 8.630m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

NAME:BlazeLine Slim-600mm-3000K-25D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:25 DEG	DIM.:600MM	SERIAL No.:IES001906
MFR.:	SUR.:	Shielding Angle:

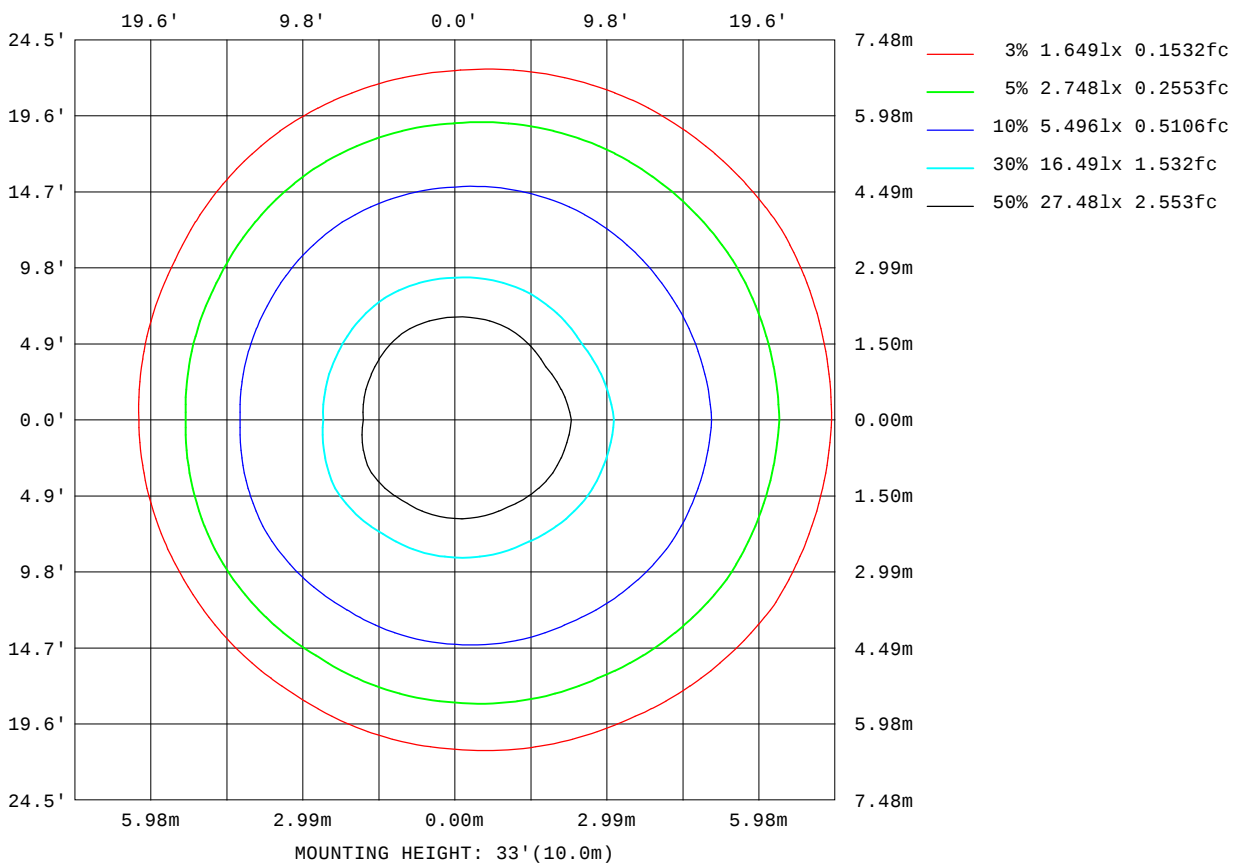


H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-10-17

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Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:8.630m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

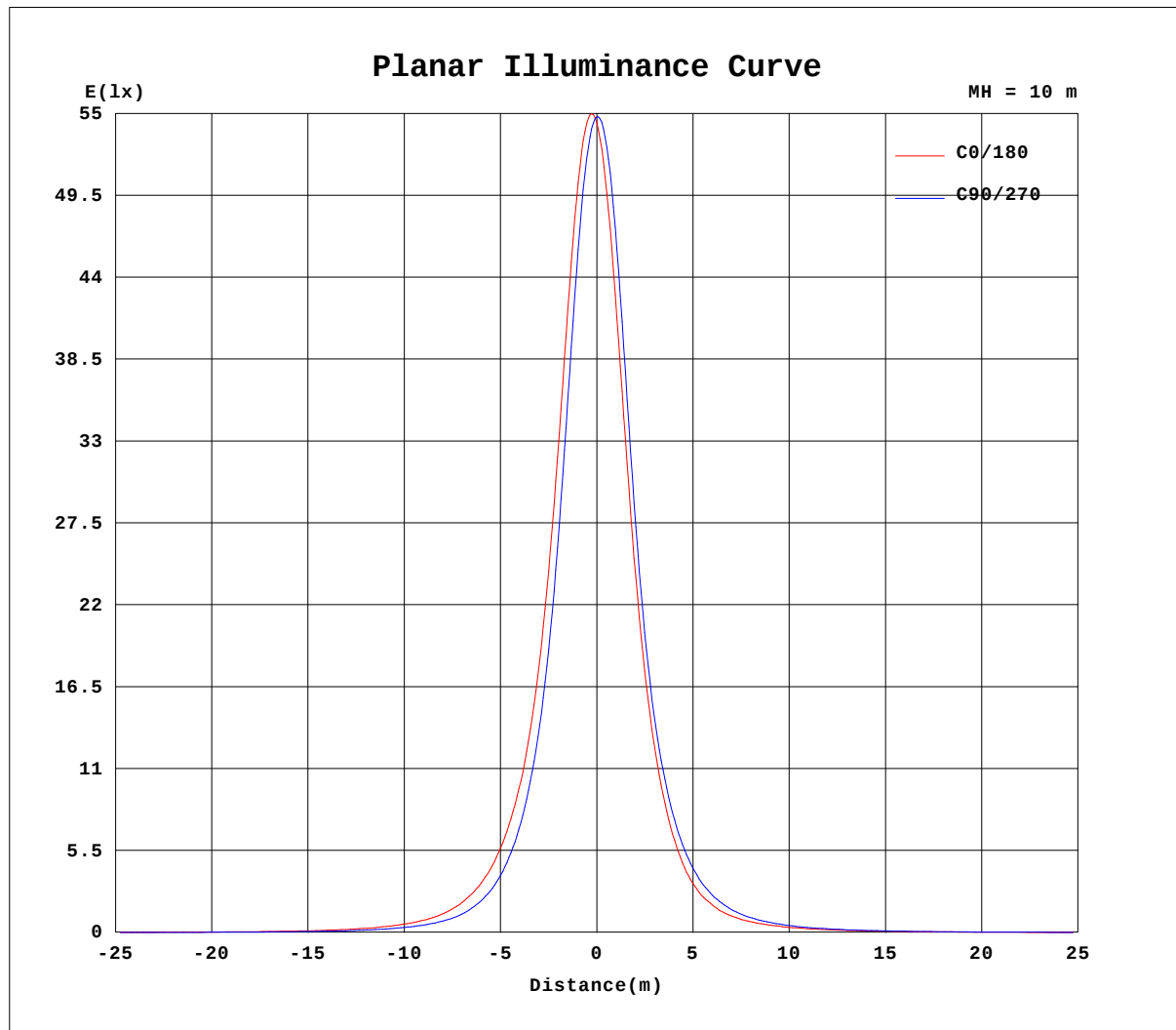
NAME:BlazeLine Slim-600mm-3000K-25D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:25 DEG	DIM.:600MM	SERIAL No.:IES001906
MFR.:	SUR.:	Shielding Angle:



H_(b) Range: -90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators: Fan
Test Date: 2023-10-17

V(B) Range: -180 - 180DEG
V(B) Interval: 0.5DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 8.630m [K=1.0000]
Remarks:

Planar Illuminance Curve

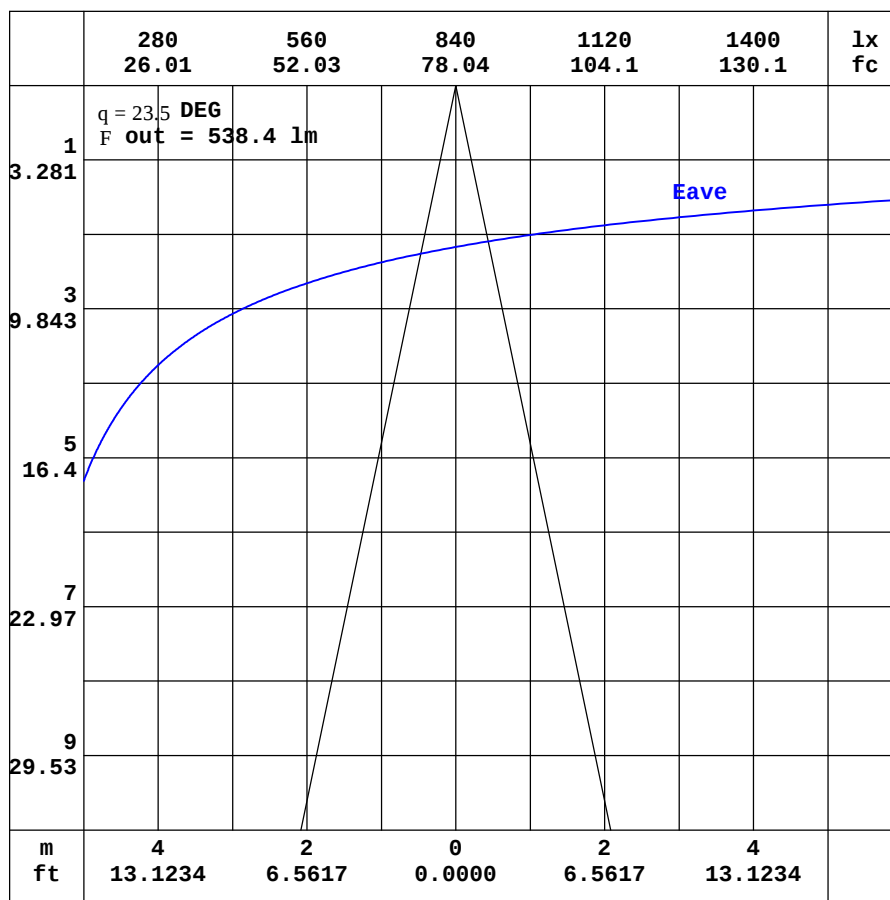


H_b Range: -90 - 90DEG
H_b Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators: Fan
Test Date: 2023-10-17

V(B) Range: -180 - 180DEG
V(B) Interval: 0.5DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 8.630m [K=1.0000]
Remarks:

AAI CURVES

NAME:BlazeLine Slim-600mm-3000K-25D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:25 DEG	DIM.:600MM	SERIAL No.:IES001906
MFR.:	SUR.:	Shielding Angle:



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

H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-10-17

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:8.630m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME:BlazeLine Slim-600mm-3000K-25D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:25 DEG	DIM.:600MM	SERIAL No.:IES001906
MFR.:	SUR.:	Shielding Angle:

Table--1
UNIT: cd

H(°) \ V(°)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-180	6.40	5.90	5.58	5.53	5.70	6.19	7.07	8.37	9.95	11.5	12.8	13.6	13.8	13.8	13.6	13.2	12.8	12.4	12.7
-170	6.40	5.81	5.43	5.29	5.33	5.59	6.11	6.91	7.87	8.85	9.64	10.1	10.4	10.4	10.4	10.6	11.2	11.6	11.8
-160	6.40	5.74	5.30	5.07	4.97	4.99	5.13	5.40	5.73	6.05	6.28	6.38	6.51	7.59	8.54	9.45	10.1	10.4	10.5
-150	6.40	5.69	5.19	4.86	4.64	4.46	4.29	4.13	3.92	3.63	3.43	4.10	4.87	5.66	6.42	7.07	7.55	7.80	7.85
-140	6.40	5.65	5.09	4.68	4.38	4.07	3.72	3.29	2.77	2.55	2.69	2.96	3.31	3.71	4.10	4.47	4.73	4.87	4.88
-130	6.40	5.63	5.03	4.57	4.17	3.81	3.40	2.91	2.62	2.51	2.47	2.44	2.43	2.50	2.61	2.71	2.79	2.83	2.82
-120	6.40	5.62	5.00	4.48	4.04	3.62	3.22	2.89	2.83	2.77	2.68	2.59	2.52	2.45	2.39	2.34	2.32	2.30	2.28
-110	6.40	5.64	4.99	4.43	3.93	3.49	3.07	2.93	2.93	2.93	2.92	2.92	2.90	2.87	2.83	2.80	2.78	2.76	2.74
-100	6.40	5.67	5.01	4.40	3.84	3.31	2.81	2.81	2.84	2.86	2.88	2.89	2.90	2.92	2.93	2.94	2.94	2.95	2.95
-90	6.40	5.74	5.08	4.42	3.76	3.11	2.45	2.45	2.44	2.44	2.44	2.44	2.44	2.44	2.44	2.45	2.45	2.45	2.46
-80	6.40	5.83	5.21	4.55	3.87	3.14	2.39	2.43	2.56	2.70	2.86	3.03	3.19	3.40	3.62	3.80	3.93	4.03	4.08
-70	6.40	5.94	5.45	4.99	4.61	4.36	4.19	4.80	5.80	6.84	7.89	8.96	9.95	11.0	12.0	12.8	13.6	14.1	14.4
-60	6.40	6.07	5.87	5.90	6.35	7.14	8.10	9.45	11.8	14.3	16.6	19.0	21.3	23.6	26.2	28.4	30.3	31.7	32.6
-50	6.40	6.27	6.47	7.32	8.92	11.1	13.6	16.2	19.5	23.7	28.1	32.9	38.1	43.4	49.3	55.0	60.1	64.0	66.4
-40	6.40	6.48	7.19	9.10	12.1	15.8	19.9	24.3	28.7	34.8	42.9	52.7	64.3	77.7	92.5	109	124	137	144
-30	6.40	6.72	7.99	10.9	15.2	20.5	26.7	33.4	40.9	49.9	61.8	81.2	108	144	189	242	299	348	375
-20	6.40	6.95	8.78	12.7	18.2	25.2	33.4	42.5	54.1	69.2	90.8	124	178	275	414	595	797	988	1081
-10	6.40	7.16	9.43	14.2	20.7	29.0	38.8	50.9	66.4	87.9	121	176	279	466	802	1333	2030	2763	3219
0	6.40	7.32	9.89	15.2	22.2	31.4	42.7	56.4	74.4	99.6	139	203	324	546	983	1721	2953	4493	5439
10	6.40	7.31	9.79	14.9	21.8	30.8	41.6	54.9	72.1	95.9	132	190	290	470	794	1307	2060	2961	3376
20	6.40	7.25	9.48	14.0	20.4	28.5	38.5	49.8	64.4	83.3	110	150	208	304	449	651	883	1076	1169
30	6.40	7.15	8.99	12.7	18.1	24.9	33.4	42.9	53.9	67.3	84.3	108	139	181	233	298	361	410	437
40	6.40	7.02	8.43	11.2	15.6	20.7	27.0	34.5	42.5	51.6	62.5	75.1	90.1	107	126	146	166	181	191
50	6.40	6.89	7.88	9.70	12.6	16.4	20.7	25.6	31.4	37.6	44.1	50.9	58.2	65.7	73.7	81.1	88.0	93.4	97.0
60	6.40	6.75	7.39	8.38	9.99	12.1	14.9	17.8	21.2	24.8	28.7	32.5	36.3	39.9	43.4	46.8	49.7	51.9	53.4
70	6.40	6.65	6.98	7.47	8.10	8.99	10.1	11.5	13.2	15.0	16.8	18.6	20.4	22.1	23.6	24.9	26.0	26.9	27.4
80	6.40	6.55	6.70	6.87	7.08	7.33	7.57	7.86	8.20	8.60	9.03	9.49	9.93	10.3	10.7	11.1	11.4	11.6	11.8
90	6.40	6.44	6.48	6.53	6.57	6.61	6.66	6.67	6.68	6.70	6.71	6.73	6.74	6.75	6.77	6.78	6.79	6.80	6.82
100	6.40	6.34	6.28	6.23	6.18	6.14	6.10	6.03	5.96	5.89	5.84	5.78	5.73	5.69	5.67	5.66	5.64	5.64	5.64
110	6.40	6.24	6.11	5.99	5.88	5.79	5.72	5.64	5.57	5.51	5.48	5.46	5.44	5.43	5.41	5.40	5.38	5.36	5.34
120	6.40	6.16	5.96	5.79	5.67	5.60	5.56	5.56	5.54	5.60	5.68	5.78	5.88	5.97	6.07	6.14	6.18	6.19	6.15
130	6.40	6.09	5.83	5.66	5.57	5.55	5.58	5.73	5.94	6.24	6.61	6.99	7.39	7.79	8.19	8.52	8.77	8.90	8.91
140	6.40	6.03	5.74	5.56	5.54	5.60	5.83	6.22	6.79	7.48	8.25	9.10	9.94	10.7	11.3	11.8	12.2	12.3	12.4
150	6.40	5.98	5.67	5.54	5.57	5.76	6.21	6.90	7.84	8.98	10.2	11.3	12.3	13.0	13.6	13.9	14.1	14.3	14.3
160	6.40	5.94	5.63	5.53	5.62	5.96	6.61	7.60	8.88	10.3	11.7	12.8	13.6	14.1	14.4	14.7	14.8	14.9	15.0
170	6.40	5.91	5.60	5.53	5.67	6.11	6.93	8.13	9.63	11.2	12.5	13.5	14.0	14.3	14.3	14.1	13.9	13.9	14.2
180	6.40	5.90	5.58	5.53	5.70	6.19	7.07	8.37	9.95	11.5	12.8	13.6	13.8	13.8	13.6	13.2	12.8	12.4	12.7

H_b Range:-90 - 90DEG
H_b Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-10-17

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:8.630m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME:BlazeLine Slim-600mm-3000K-25D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:25 DEG	DIM.:600MM	SERIAL No.:IES001906
MFR.:	SUR.:	Shielding Angle:

Table--2
UNIT: cd

H(°) \ V(°)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-180	11.1	10.5	9.81	8.92	7.83	6.64	5.40	4.27	3.34	2.71	2.46	2.49	2.68	2.87	2.91	2.79	2.50	2.08
-170	11.2	10.6	9.80	9.15	8.04	6.80	5.50	4.30	3.34	2.71	2.48	2.50	2.68	2.88	2.91	2.79	2.50	2.08
-160	10.2	9.70	9.00	8.14	7.17	6.13	4.93	3.86	3.06	2.60	2.47	2.53	2.72	2.89	2.91	2.78	2.48	2.08
-150	7.67	7.27	6.69	6.02	5.27	4.50	3.77	3.15	2.70	2.50	2.48	2.61	2.79	2.90	2.91	2.75	2.46	2.08
-140	4.77	4.54	4.20	3.79	3.41	3.05	2.75	2.55	2.47	2.47	2.56	2.74	2.87	2.92	2.89	2.70	2.42	2.08
-130	2.79	2.71	2.60	2.49	2.40	2.35	2.37	2.42	2.49	2.61	2.75	2.87	2.92	2.92	2.83	2.64	2.37	2.08
-120	2.29	2.30	2.33	2.38	2.44	2.51	2.60	2.70	2.78	2.86	2.90	2.93	2.92	2.87	2.73	2.56	2.32	2.08
-110	2.76	2.79	2.82	2.86	2.90	2.93	2.95	2.96	2.96	2.95	2.94	2.92	2.84	2.74	2.61	2.44	2.26	2.08
-100	2.95	2.95	2.95	2.94	2.93	2.92	2.90	2.88	2.85	2.81	2.77	2.71	2.63	2.53	2.42	2.31	2.19	2.08
-90	2.45	2.44	2.43	2.42	2.41	2.40	2.39	2.38	2.37	2.37	2.36	2.35	2.31	2.26	2.22	2.17	2.13	2.08
-80	4.06	4.00	3.89	3.73	3.54	3.31	3.13	2.96	2.79	2.60	2.43	2.28	2.22	2.20	2.16	2.13	2.11	2.08
-70	14.5	14.4	14.0	13.4	12.5	11.6	10.7	9.55	8.27	6.98	5.74	4.58	3.60	2.88	2.39	2.20	2.11	2.08
-60	33.4	33.5	32.9	31.6	29.6	27.5	25.1	22.2	19.2	16.0	12.9	9.61	6.96	4.79	3.28	2.39	2.13	2.08
-50	68.8	69.2	67.7	64.4	59.7	54.5	48.4	41.9	35.4	29.0	22.8	17.1	11.9	7.74	4.67	2.84	2.18	2.08
-40	150	148	141	128	115	100.0	85.3	71.2	58.1	45.8	34.9	25.6	17.8	11.2	6.52	3.48	2.24	2.08
-30	380	358	317	273	226	181	143	112	86.5	65.5	48.4	34.7	23.8	14.9	8.32	4.11	2.31	2.08
-20	1057	922	756	587	439	323	226	162	117	85.7	61.6	43.1	29.1	18.2	9.85	4.66	2.37	2.08
-10	2946	2319	1639	1102	730	481	317	211	146	102	72.0	49.5	32.9	20.6	11.0	5.10	2.42	2.08
0	5203	3863	2413	1467	914	578	367	237	160	110	77.0	52.5	34.7	21.6	11.5	5.27	2.44	2.08
10	3103	2303	1577	1081	733	493	329	222	154	108	76.3	52.6	35.0	21.9	11.7	5.52	2.60	2.08
20	1141	1002	809	623	469	348	251	182	132	96.6	69.5	48.7	32.9	20.6	11.3	5.47	2.72	2.08
30	442	420	376	321	264	214	171	136	105	79.5	58.7	42.1	28.9	18.2	10.4	5.27	2.80	2.08
40	195	191	181	167	149	129	111	92.8	76.3	60.8	46.1	33.8	23.7	15.1	9.02	4.91	2.86	2.08
50	99.4	99.5	97.2	92.4	86.1	77.9	68.8	59.7	50.9	42.3	33.8	25.3	17.8	11.9	7.41	4.48	2.90	2.08
60	54.2	53.9	52.7	50.9	48.3	44.4	40.5	36.0	31.4	26.9	22.3	17.2	12.7	8.98	6.15	4.15	2.92	2.08
70	27.6	27.4	26.9	26.0	24.8	23.2	21.4	19.5	17.4	15.4	13.5	11.4	8.98	6.93	5.25	3.98	2.93	2.08
80	11.8	11.7	11.6	11.4	11.1	10.7	10.3	9.82	9.40	9.03	8.65	8.27	7.07	5.93	4.86	3.86	2.95	2.08
90	6.85	6.89	6.93	6.97	7.00	7.04	7.07	7.10	7.12	7.15	7.18	7.20	6.35	5.50	4.64	3.79	2.94	2.08
100	5.65	5.67	5.70	5.73	5.78	5.84	5.92	6.00	6.10	6.20	6.32	6.40	5.82	5.19	4.51	3.76	2.95	2.08
110	5.34	5.34	5.34	5.35	5.35	5.35	5.38	5.44	5.51	5.61	5.74	5.73	5.34	4.88	4.35	3.71	2.95	2.08
120	6.13	6.06	5.97	5.86	5.74	5.61	5.51	5.43	5.40	5.42	5.47	5.25	4.95	4.59	4.17	3.64	2.93	2.08
130	8.80	8.57	8.24	7.83	7.36	6.93	6.50	6.10	5.79	5.55	5.28	4.92	4.61	4.33	3.99	3.52	2.90	2.08
140	12.2	12.0	11.5	10.9	10.2	9.36	8.46	7.59	6.80	5.93	5.10	4.59	4.31	4.06	3.81	3.40	2.84	2.08
150	14.2	14.0	13.7	13.3	12.7	11.8	10.7	9.46	7.55	5.95	4.87	4.26	3.97	3.78	3.60	3.28	2.78	2.08
160	14.9	14.8	14.7	14.4	14.0	13.3	11.3	9.07	7.04	5.44	4.40	3.81	3.57	3.50	3.37	3.13	2.70	2.08
170	14.1	14.3	14.5	13.8	12.2	10.6	8.87	7.14	5.57	4.32	3.56	3.20	3.14	3.19	3.14	2.97	2.60	2.08
180	11.1	10.5	9.81	8.92	7.83	6.64	5.40	4.27	3.34	2.71	2.46	2.49	2.68	2.87	2.91	2.79	2.50	2.08

H_(b) Range: -90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-10-17

V(B) Range:-180 - 180DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:8.630m [K=1.0000]
Remarks: