

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	2189.5 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	59.1V x 75.8H
	At 50% of Imax	25.8V x 39.2H
	At 90% of Imax	9.7V x 14.9H

Beam Flux	Total	999.9 lumens per klm.
	To 10% of Imax	780.3 lumens per klm.
	To 50% of Imax	376.1 lumens per klm.
	To 90% of Imax	70.6 lumens per klm.

Upward LOR	2.4 %
Downward LOR	97.6 %

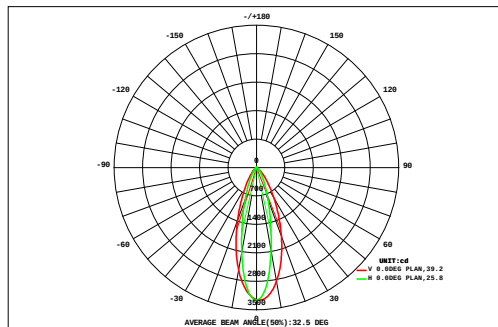
Luminaire Efficiency(Light Output Ratio)	100.0 %
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H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-10-17

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-2540D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:25X40 DEG	DIM.:600MM	SERIAL No.:IES001907
MFR.:	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:80.04lm/W	
MODEL		Imax(cd)	3260
NOMINAL POWER(W)	18.7	AVAILABILITY(%)	78.1
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	1163
NOMINAL FLUX(lm)	1489	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	1489
TEST VOLTAGE(V)	220	q @50%(H,V)	39,26DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		F t	F a
	0.06	0.10	0.15	0.21	0.27	0.33	0.40	0.46	0.50	0.51	0.49	0.44	0.38	0.30	0.23	0.17	0.11	0.06	5.19	0.00
72	0.06	0.10	0.15	0.21	0.27	0.33	0.40	0.46	0.50	0.51	0.49	0.44	0.38	0.30	0.23	0.17	0.11	0.06	5.19	0.00
64	0.08	0.14	0.21	0.31	0.42	0.55	0.68	0.79	0.87	0.89	0.86	0.78	0.65	0.50	0.36	0.24	0.15	0.07	8.55	0.00
56	0.10	0.17	0.28	0.44	0.63	0.85	1.07	1.27	1.39	1.45	1.44	1.30	1.07	0.78	0.53	0.33	0.19	0.09	13.4	0.00
48	0.12	0.22	0.37	0.59	0.91	1.28	1.65	2.01	2.24	2.37	2.36	2.12	1.72	1.22	0.77	0.44	0.23	0.11	20.7	0.00
40	0.13	0.26	0.47	0.80	1.32	1.98	2.67	3.40	3.91	4.17	4.08	3.53	2.78	1.90	1.12	0.57	0.28	0.12	33.5	0.00
32	0.15	0.31	0.57	1.07	1.93	3.20	4.75	6.37	7.63	8.15	7.68	6.32	4.56	2.90	1.58	0.73	0.32	0.14	58.4	29.1
24	0.17	0.35	0.67	1.39	2.80	5.23	8.90	12.8	16.1	17.1	15.3	11.6	7.43	4.24	2.12	0.89	0.36	0.15	108	91.5
	0.18	0.38	0.76	1.73	3.85	8.11	15.7	25.5	33.1	34.9	29.3	19.9	11.5	5.88	2.67	1.04	0.39	0.15	195	183
	0.18	0.39	0.82	1.99	4.79	10.9	22.9	40.0	54.3	56.2	45.1	29.3	15.9	7.40	3.10	1.13	0.39	0.15	295	284
	0.18	0.38	0.80	1.95	4.72	10.9	22.8	39.9	54.1	56.6	45.8	29.6	16.0	7.38	3.07	1.11	0.38	0.15	296	285
	0.17	0.35	0.71	1.62	3.65	7.90	15.4	25.0	32.7	34.9	29.8	20.4	11.6	5.78	2.57	0.99	0.36	0.14	194	182
-24	0.15	0.30	0.59	1.23	2.49	4.83	8.38	12.0	15.6	16.8	14.9	11.4	7.32	4.04	1.96	0.81	0.31	0.13	103	87.6
-32	0.13	0.25	0.46	0.87	1.60	2.74	4.15	5.61	6.97	7.53	6.99	5.80	4.21	2.60	1.39	0.62	0.26	0.11	52.3	21.4
-40	0.11	0.20	0.35	0.60	1.03	1.57	2.13	2.78	3.24	3.50	3.44	2.97	2.36	1.60	0.92	0.44	0.21	0.09	27.5	0.00
-48	0.09	0.16	0.25	0.41	0.66	0.95	1.23	1.52	1.71	1.83	1.83	1.64	1.34	0.95	0.57	0.31	0.16	0.08	15.7	0.00
-56	0.07	0.11	0.18	0.28	0.43	0.59	0.75	0.90	0.99	1.04	1.04	0.94	0.77	0.55	0.36	0.21	0.12	0.06	9.40	0.00
-64	0.05	0.08	0.12	0.18	0.26	0.35	0.45	0.53	0.58	0.60	0.58	0.52	0.43	0.32	0.22	0.14	0.08	0.04	5.54	0.00
-72	0.04	0.05	0.07	0.11	0.15	0.19	0.24	0.28	0.31	0.32	0.30	0.26	0.21	0.16	0.12	0.08	0.05	0.03	2.97	0.00
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)	16	24	32	40	48	56	64	72			
F t	2.15	4.21	7.83	15.8	31.9	62.5	114	181	236	249	211	149	90.3	48.5	23.7	10.3	4.36	1.86	1444	---
F a	0.00	0.00	0.00	0.00	5.01	40.9	94.4	161	217	230	192	129	69.9	24.3	0.00	0.00	0.00	0.00	---	1163

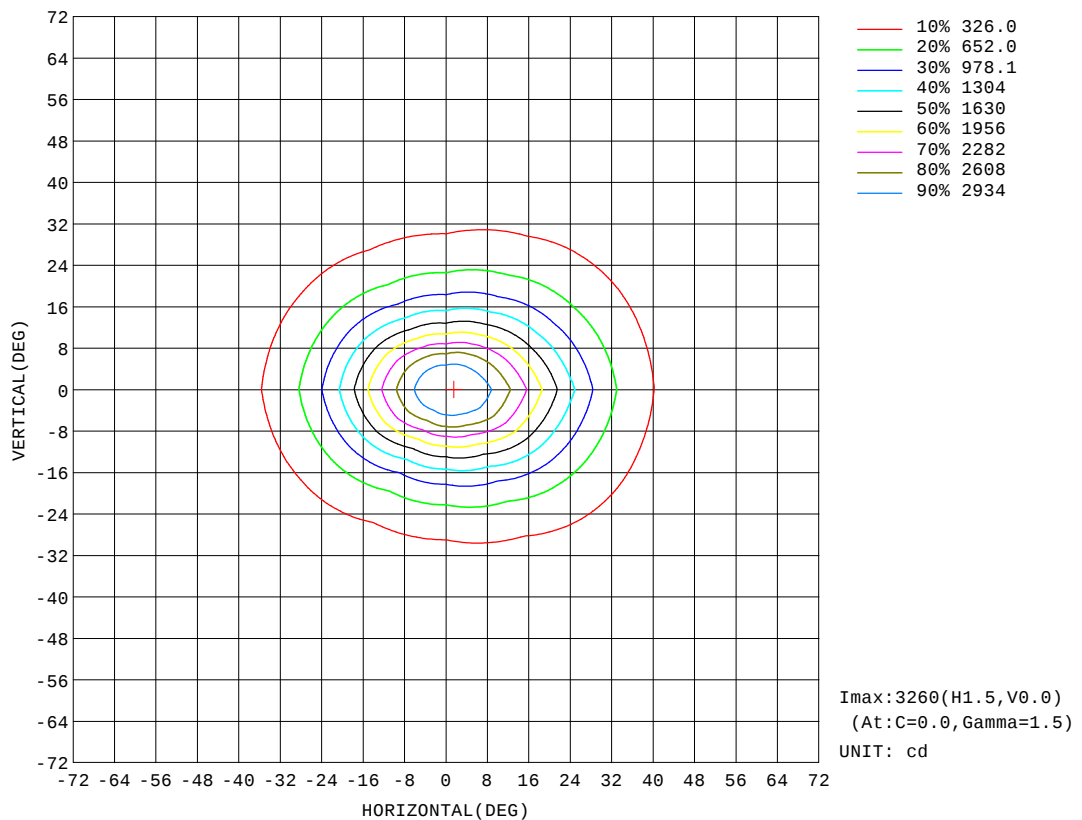
one-half-peak spread: U:12.6,D:13.4 , L:19.4,NEZA. Beam Type: Type 5 x 4 (H x V)

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-2540D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:25X40 DEG	DIM.:600MM	SERIAL No.:IES001907
MFR.:	SUR.:	Shielding Angle:

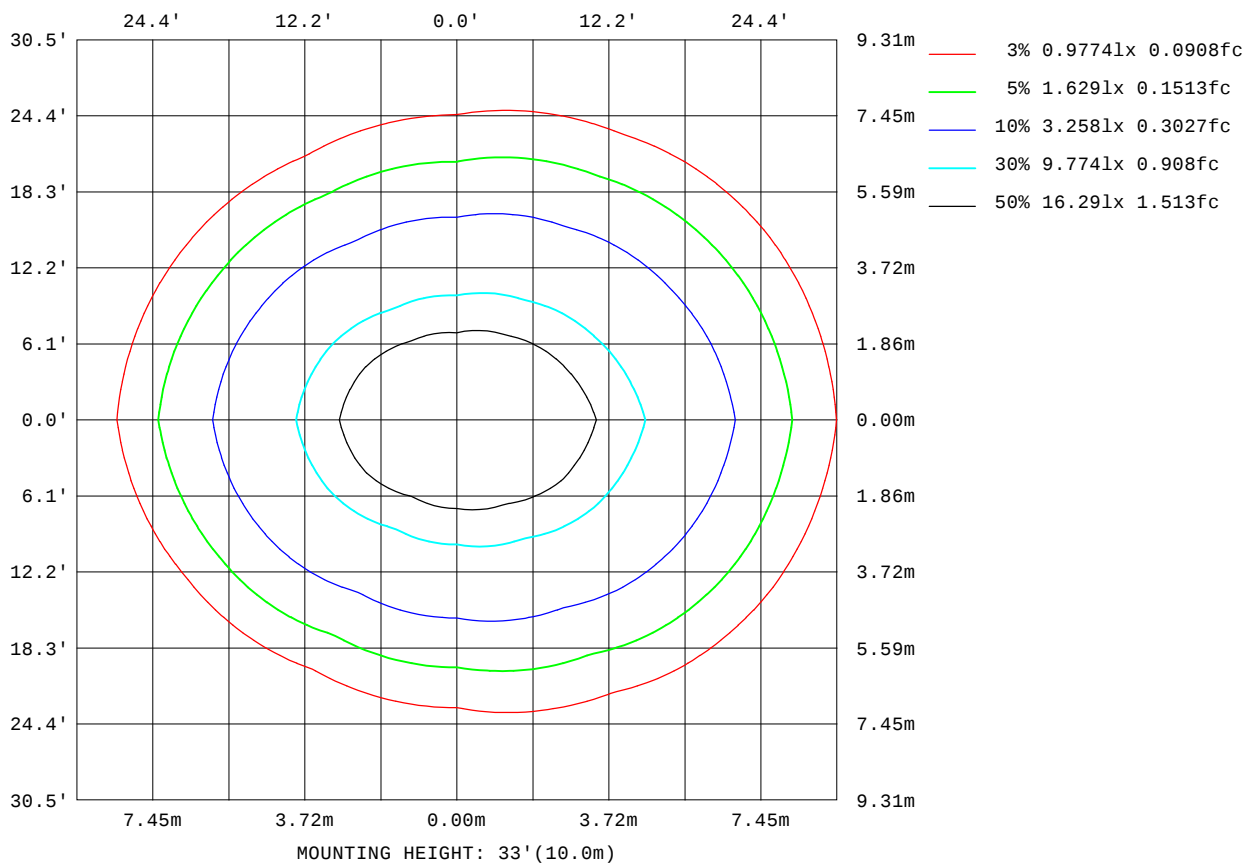


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Test Date: 2023-10-17

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ISOLUX DIAGRAM

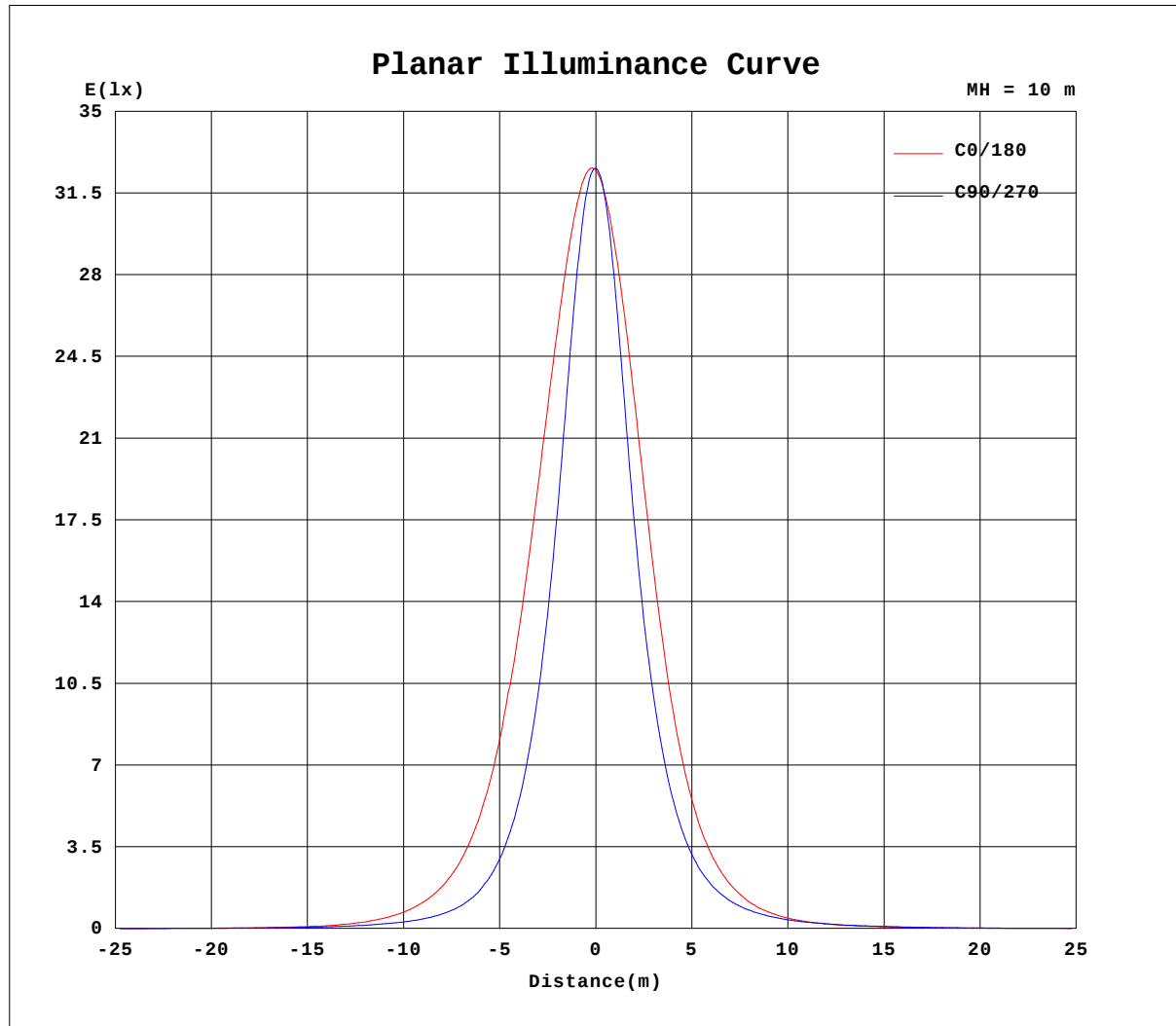
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SPEC.:25X40 DEG	DIM.:600MM	SERIAL No.:IES001907
MFR.:	SUR.:	Shielding Angle:



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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

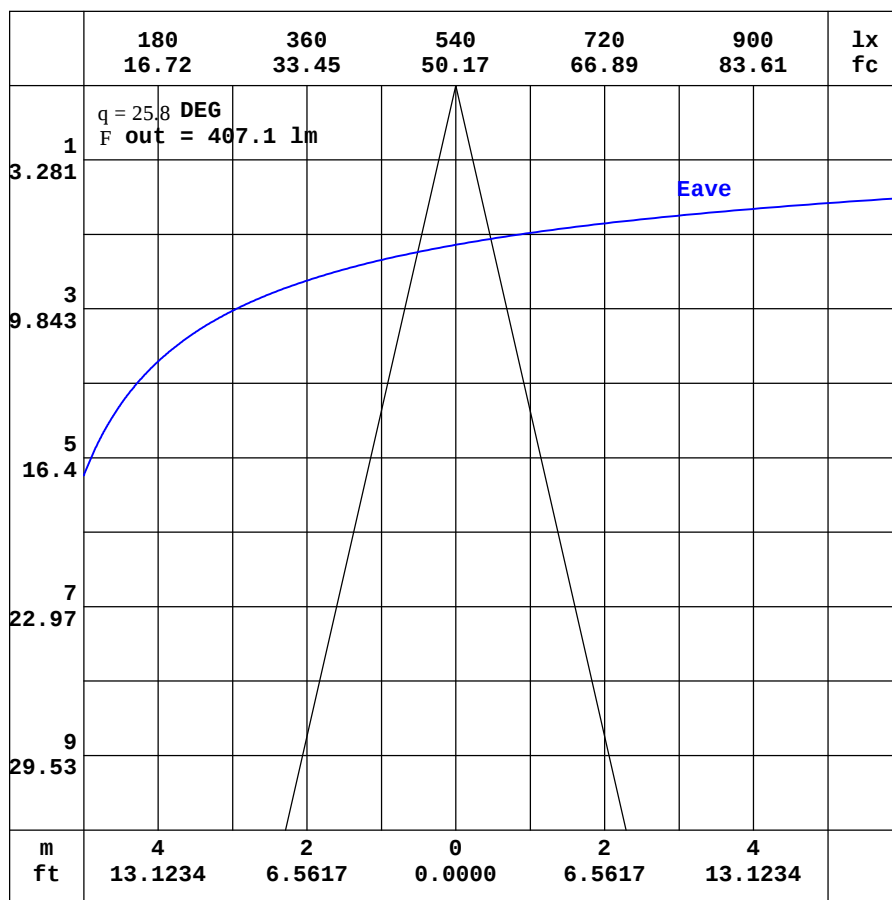


H_b Range: -90 - 90DEG
H_b Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators: Fan
Test Date: 2023-10-17

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-2540D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:25X40 DEG	DIM.:600MM	SERIAL No.:IES001907
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-2540D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:25X40 DEG	DIM.:600MM	SERIAL No.:IES001907
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	5.72	5.33	5.14	5.18	5.43	5.94	6.71	7.66	8.70	9.71	10.6	11.2	11.6	11.7	11.6	11.3	11.0	10.7	10.8
-170	5.72	5.25	4.98	4.93	5.04	5.35	5.81	6.40	7.03	7.66	8.21	8.60	8.78	8.77	8.68	8.75	9.31	9.73	10.0
-160	5.72	5.17	4.82	4.67	4.63	4.72	4.88	5.09	5.30	5.50	5.66	5.76	5.85	6.56	7.21	7.92	8.44	8.74	8.84
-150	5.72	5.11	4.69	4.43	4.25	4.14	4.05	3.93	3.75	3.52	3.39	3.90	4.46	5.02	5.53	6.01	6.36	6.57	6.60
-140	5.72	5.06	4.57	4.23	3.94	3.67	3.40	3.06	2.63	2.48	2.62	2.83	3.09	3.36	3.62	3.87	4.06	4.15	4.13
-130	5.72	5.03	4.48	4.06	3.69	3.32	2.95	2.53	2.32	2.29	2.26	2.23	2.21	2.24	2.32	2.39	2.43	2.43	2.39
-120	5.72	5.01	4.43	3.94	3.50	3.08	2.66	2.34	2.33	2.31	2.26	2.21	2.14	2.08	2.04	2.00	1.97	1.95	1.92
-110	5.72	5.02	4.41	3.87	3.37	2.92	2.48	2.34	2.35	2.35	2.36	2.36	2.35	2.33	2.31	2.29	2.28	2.27	2.26
-100	5.72	5.05	4.42	3.84	3.29	2.77	2.27	2.26	2.28	2.30	2.31	2.33	2.34	2.36	2.38	2.39	2.40	2.41	2.42
-90	5.72	5.10	4.49	3.87	3.26	2.64	2.02	2.02	2.01	2.01	2.00	2.00	1.99	2.00	2.00	2.01	2.01	2.01	2.02
-80	5.72	5.18	4.60	4.01	3.41	2.84	2.29	2.38	2.54	2.66	2.79	2.88	2.93	3.11	3.30	3.49	3.64	3.77	3.85
-70	5.72	5.28	4.85	4.62	4.56	4.59	4.51	4.97	5.68	6.37	7.10	7.81	8.52	9.48	10.6	11.6	12.4	13.0	13.5
-60	5.72	5.41	5.40	5.93	6.73	7.51	8.05	8.83	10.6	12.6	14.8	17.1	19.5	21.9	24.4	26.5	28.2	29.5	30.3
-50	5.72	5.60	6.19	7.69	9.44	11.1	12.7	14.4	17.2	21.3	25.8	30.9	36.2	41.1	46.0	50.6	54.4	57.2	58.6
-40	5.72	5.82	7.19	9.73	12.4	15.2	18.3	21.9	26.0	32.9	42.9	53.9	65.2	75.9	85.1	97.8	109	116	119
-30	5.72	6.08	8.21	11.6	15.3	19.5	24.5	30.7	39.2	52.4	70.7	94.7	123	155	186	215	254	285	296
-20	5.72	6.33	9.14	13.4	18.0	23.6	30.7	40.1	54.6	79.3	116	166	236	337	450	559	655	778	824
-10	5.72	6.54	9.91	14.9	20.3	27.2	36.2	48.4	69.4	109	171	268	418	640	942	1311	1661	1918	2113
0	5.72	6.70	10.4	15.9	21.9	29.8	39.9	53.7	79.0	129	210	346	560	890	1370	1964	2559	3016	3249
10	5.72	6.67	10.2	15.5	21.3	28.8	38.5	51.6	73.8	115	180	279	429	650	958	1329	1693	1964	2070
20	5.72	6.59	9.73	14.5	19.8	26.5	35.0	46.0	62.5	90.1	130	187	261	361	478	596	698	803	831
30	5.72	6.46	9.05	13.2	17.8	23.2	30.1	38.5	49.4	65.7	88.1	115	148	184	219	253	295	320	327
40	5.72	6.29	8.22	11.5	15.4	19.4	24.4	30.4	37.4	46.2	57.9	71.4	85.3	99.0	111	126	139	148	151
50	5.72	6.15	7.37	9.71	12.6	15.6	18.8	22.5	27.1	32.5	38.4	44.9	51.7	58.5	64.6	70.7	75.7	79.2	81.2
60	5.72	6.02	6.70	8.01	9.80	11.8	13.8	16.0	18.4	21.1	24.1	27.4	30.5	34.0	37.2	39.9	42.3	44.1	45.2
70	5.72	5.92	6.22	6.75	7.49	8.47	9.52	10.6	11.8	13.0	14.1	15.1	16.2	17.6	18.9	20.2	21.2	22.0	22.5
80	5.72	5.84	5.96	6.10	6.28	6.50	6.74	7.00	7.27	7.58	7.88	8.15	8.39	8.66	8.93	9.16	9.36	9.51	9.61
90	5.72	5.75	5.78	5.81	5.84	5.87	5.90	5.90	5.89	5.89	5.88	5.88	5.87	5.87	5.87	5.88	5.88	5.88	5.88
100	5.72	5.67	5.61	5.57	5.53	5.49	5.46	5.39	5.32	5.25	5.19	5.12	5.05	5.02	5.00	4.98	4.96	4.96	4.95
110	5.72	5.58	5.48	5.39	5.31	5.25	5.20	5.13	5.06	5.01	4.96	4.91	4.87	4.84	4.82	4.80	4.77	4.74	4.70
120	5.72	5.52	5.37	5.25	5.18	5.14	5.13	5.12	5.13	5.18	5.24	5.31	5.37	5.43	5.49	5.53	5.53	5.51	5.44
130	5.72	5.47	5.28	5.17	5.14	5.15	5.23	5.40	5.63	5.87	6.17	6.45	6.74	7.03	7.31	7.57	7.75	7.85	7.85
140	5.72	5.42	5.22	5.15	5.16	5.27	5.53	5.93	6.44	6.96	7.50	8.12	8.71	9.26	9.76	10.2	10.5	10.7	10.7
150	5.72	5.38	5.18	5.15	5.22	5.47	5.93	6.55	7.26	8.08	8.93	9.72	10.5	11.1	11.5	11.9	12.2	12.3	12.3
160	5.72	5.36	5.16	5.16	5.31	5.70	6.31	7.09	8.01	8.99	9.95	10.8	11.5	11.9	12.2	12.5	12.6	12.7	12.8
170	5.72	5.34	5.15	5.17	5.39	5.86	6.58	7.49	8.51	9.53	10.5	11.2	11.7	11.9	12.2	11.9	11.7	11.7	12.1
180	5.72	5.33	5.14	5.18	5.43	5.94	6.71	7.66	8.70	9.71	10.6	11.2	11.6	11.7	11.6	11.3	11.0	10.7	10.9

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]
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LUMINOUS DISTRIBUTION INTENSITY DATA

NAME:BlazeLine Slim-600mm-3000K-2540D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:25X40 DEG	DIM.:600MM	SERIAL No.:IES001907
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	9.60	8.90	8.21	7.48	6.64	5.73	4.84	4.05	3.40	2.88	2.56	2.39	2.35	2.34	2.31	2.19	1.97	1.72
-170	9.54	9.01	8.31	7.91	7.04	6.09	5.11	4.20	3.45	2.90	2.56	2.39	2.36	2.34	2.31	2.20	1.98	1.72
-160	8.57	8.18	7.76	7.14	6.48	5.79	4.85	3.96	3.25	2.78	2.51	2.38	2.36	2.34	2.31	2.19	1.97	1.72
-150	6.50	6.23	5.78	5.30	4.84	4.35	3.83	3.35	2.90	2.59	2.42	2.36	2.36	2.34	2.31	2.17	1.95	1.72
-140	4.09	3.94	3.71	3.42	3.21	3.00	2.79	2.64	2.52	2.43	2.37	2.36	2.35	2.34	2.29	2.14	1.93	1.72
-130	2.41	2.39	2.35	2.29	2.25	2.24	2.28	2.30	2.32	2.36	2.37	2.36	2.35	2.33	2.24	2.10	1.90	1.72
-120	1.96	2.00	2.04	2.08	2.15	2.21	2.27	2.32	2.36	2.38	2.38	2.37	2.35	2.29	2.18	2.05	1.86	1.72
-110	2.28	2.31	2.34	2.37	2.41	2.44	2.43	2.42	2.41	2.39	2.38	2.36	2.29	2.20	2.10	1.96	1.82	1.72
-100	2.42	2.42	2.42	2.41	2.40	2.39	2.37	2.35	2.32	2.29	2.26	2.22	2.15	2.06	1.97	1.87	1.78	1.72
-90	2.01	2.00	1.99	1.98	1.97	1.96	1.97	1.97	1.98	1.98	1.98	1.99	1.94	1.90	1.85	1.81	1.77	1.72
-80	3.81	3.73	3.60	3.44	3.24	3.06	3.02	2.94	2.84	2.68	2.51	2.30	2.14	2.00	1.90	1.83	1.78	1.72
-70	13.3	12.9	12.2	11.4	10.4	9.48	8.74	7.96	7.15	6.34	5.57	4.80	4.03	3.27	2.53	2.03	1.80	1.72
-60	30.7	30.6	29.7	28.2	26.1	23.3	20.4	17.5	14.8	12.4	10.4	8.44	6.85	5.35	3.86	2.56	1.86	1.72
-50	61.3	62.2	61.3	58.4	54.2	48.4	41.2	33.7	26.9	21.2	16.7	13.2	10.2	7.66	5.42	3.36	2.01	1.72
-40	127	130	126	116	109	96.7	81.3	64.5	48.1	34.4	25.2	18.7	13.9	10.0	7.08	4.22	2.17	1.72
-30	314	307	283	263	233	193	153	116	82.2	54.6	36.1	24.9	17.8	12.4	8.40	5.02	2.35	1.72
-20	856	791	723	617	492	374	269	188	126	79.1	48.4	31.1	21.2	14.5	9.51	5.65	2.51	1.72
-10	2081	1918	1622	1249	910	631	421	272	172	103	58.8	36.0	23.7	16.0	10.3	6.14	2.62	1.72
0	3175	2835	2345	1795	1288	851	540	333	201	115	63.3	38.1	24.8	16.8	10.7	6.37	2.67	1.72
10	2092	1890	1569	1216	896	629	425	279	178	107	62.0	38.4	25.4	17.1	11.0	6.49	2.77	1.72
20	872	819	738	624	498	382	283	201	137	87.0	54.4	35.7	24.3	16.6	10.8	6.33	2.80	1.72
30	348	345	321	294	256	214	173	133	95.4	65.0	44.3	31.1	22.1	15.2	10.2	5.98	2.77	1.72
40	159	161	156	146	135	119	99.9	80.4	61.8	46.5	34.5	25.7	18.9	13.3	9.19	5.41	2.72	1.72
50	84.1	84.9	83.4	79.8	74.0	65.8	56.6	47.5	39.2	32.2	26.0	20.2	15.2	11.2	7.71	4.72	2.64	1.72
60	45.7	45.4	44.2	42.3	39.6	36.0	32.0	28.1	24.5	21.4	18.4	14.9	11.8	8.85	6.23	4.04	2.56	1.72
70	22.4	22.0	21.4	20.5	19.3	18.1	16.9	15.7	14.5	13.3	12.1	10.5	8.51	6.63	4.96	3.60	2.54	1.72
80	9.64	9.61	9.53	9.39	9.20	8.99	8.80	8.57	8.31	8.03	7.71	7.37	6.31	5.28	4.28	3.37	2.52	1.72
90	5.92	5.96	6.00	6.04	6.08	6.11	6.15	6.19	6.23	6.27	6.32	6.36	5.58	4.81	4.04	3.27	2.49	1.72
100	4.97	4.99	5.02	5.05	5.10	5.16	5.24	5.33	5.43	5.53	5.64	5.70	5.14	4.54	3.89	3.20	2.47	1.72
110	4.72	4.74	4.76	4.78	4.79	4.82	4.87	4.92	5.00	5.10	5.21	5.17	4.74	4.27	3.75	3.14	2.45	1.72
120	5.46	5.43	5.38	5.31	5.22	5.14	5.08	5.02	4.99	5.02	5.07	4.80	4.42	4.02	3.58	3.06	2.42	1.72
130	7.78	7.60	7.34	7.03	6.68	6.37	6.06	5.75	5.48	5.27	4.96	4.51	4.13	3.79	3.40	2.95	2.38	1.72
140	10.6	10.3	9.97	9.45	8.95	8.34	7.69	7.04	6.45	5.71	4.86	4.26	3.86	3.53	3.23	2.83	2.33	1.72
150	12.3	12.1	11.8	11.4	10.9	10.3	9.43	8.53	7.00	5.69	4.68	3.99	3.56	3.27	3.03	2.69	2.26	1.72
160	12.8	12.8	12.7	12.5	12.1	11.5	9.86	8.09	6.51	5.21	4.26	3.61	3.22	2.98	2.79	2.53	2.17	1.72
170	12.2	12.4	12.7	11.9	10.5	9.19	7.79	6.44	5.24	4.25	3.53	3.06	2.81	2.67	2.55	2.37	2.08	1.72
180	9.60	8.90	8.21	7.48	6.64	5.73	4.84	4.05	3.40	2.88	2.56	2.39	2.35	2.34	2.31	2.19	1.97	1.72

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: