

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

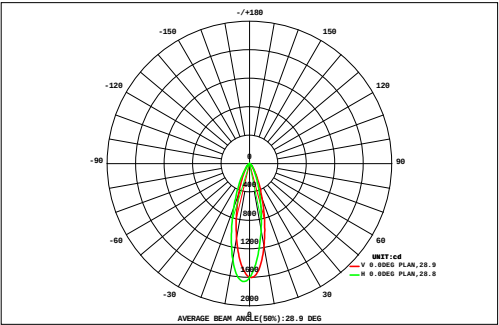
Maximum Intensity (Luminaire orientation as tested.)		2499.8 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of Imax	63.0V x 63.0H
	At 50% of Imax	28.8V x 28.9H
	At 90% of Imax	10.4V x 10.5H
Beam Flux	Total	1000.2 lumens per klm.
	To 10% of Imax	769.3 lumens per klm.
	To 50% of Imax	349.3 lumens per klm.
	To 90% of Imax	64.2 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:
Test Date:2024-09-29

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-TW-6000K-30D-Rev1	TYPE:6000K	WEIGHT:
SPEC.:30 DEG	DIM.:600MM	SERIAL No.:IES003012
MFR.:	SUR.:1	Shielding Angle:



DATA OF LAMP		Eff:74.63lm/W	
MODEL		Imax(cd)	1660
NOMINAL POWER(W)	8.9	AVAILABILITY(%)	76.9
RATED VOLTAGE(V)	24	Avai. FLUX(lm)	510.8
NOMINAL FLUX(lm)	664.2	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	664.2
TEST VOLTAGE(V)	24	q @50%(H,V)	29,29DEG

AREA FLUX DIAGRAM																	UNIT:lm			F t	F a
VERTICAL (DEG)	45	0.11	0.16	0.21	0.27	0.33	0.38	0.42	0.44	0.45	0.43	0.41	0.36	0.31	0.26	0.21	0.16	0.12	0.09	5.12	0.00
	40	0.15	0.21	0.29	0.37	0.45	0.53	0.60	0.64	0.65	0.63	0.59	0.52	0.44	0.35	0.28	0.21	0.16	0.12	7.19	0.00
	35	0.18	0.27	0.37	0.50	0.63	0.76	0.88	0.95	0.97	0.94	0.86	0.75	0.61	0.48	0.36	0.28	0.20	0.15	10.1	0.00
	30	0.22	0.33	0.47	0.65	0.87	1.10	1.30	1.45	1.50	1.45	1.31	1.10	0.86	0.65	0.48	0.36	0.26	0.18	14.5	5.84
	25	0.26	0.39	0.57	0.83	1.18	1.56	1.94	2.25	2.39	2.31	2.04	1.64	1.23	0.90	0.65	0.46	0.32	0.21	21.1	15.6
	20	0.30	0.45	0.68	1.04	1.53	2.17	2.86	3.47	3.79	3.69	3.18	2.44	1.77	1.28	0.88	0.59	0.39	0.25	30.7	26.3
	15	0.33	0.51	0.79	1.23	1.91	2.87	4.06	5.18	5.85	5.72	4.80	3.58	2.59	1.76	1.15	0.72	0.45	0.29	43.8	39.9
	10	0.35	0.54	0.87	1.39	2.26	3.57	5.32	7.17	8.42	8.29	6.86	5.21	3.59	2.30	1.42	0.86	0.52	0.32	59.2	55.8
	5	0.35	0.56	0.90	1.48	2.48	4.05	6.31	8.87	10.8	10.9	9.24	6.82	4.49	2.76	1.64	0.96	0.56	0.34	73.5	70.1
	0	0.35	0.56	0.90	1.50	2.55	4.25	6.73	9.69	12.0	12.2	10.4	7.60	4.94	3.00	1.76	1.02	0.59	0.35	80.5	77.3
	-5	0.33	0.53	0.86	1.43	2.43	4.04	6.36	9.06	11.0	11.3	9.85	7.28	4.80	2.94	1.73	1.01	0.59	0.35	75.9	72.7
	-10	0.31	0.48	0.77	1.25	2.09	3.39	5.19	7.12	8.57	8.82	7.81	6.11	4.15	2.61	1.58	0.93	0.55	0.33	62.1	58.6
	-15	0.27	0.42	0.65	1.02	1.63	2.55	3.75	4.99	5.92	6.11	5.50	4.46	3.25	2.13	1.33	0.82	0.50	0.30	45.6	41.8
	-20	0.23	0.35	0.52	0.79	1.19	1.78	2.52	3.25	3.79	3.91	3.59	2.99	2.30	1.62	1.06	0.68	0.43	0.27	31.3	26.9
	-25	0.19	0.28	0.40	0.58	0.84	1.20	1.62	2.03	2.32	2.40	2.24	1.92	1.53	1.16	0.82	0.55	0.36	0.23	20.7	15.2
	-30	0.16	0.22	0.31	0.42	0.59	0.80	1.03	1.25	1.41	1.45	1.38	1.22	1.01	0.80	0.60	0.42	0.29	0.19	13.5	4.84
-35	0.13	0.17	0.23	0.31	0.41	0.53	0.66	0.77	0.86	0.89	0.85	0.77	0.66	0.55	0.43	0.32	0.22	0.15	8.92	0.00	
-40	0.10	0.13	0.17	0.23	0.29	0.36	0.43	0.49	0.54	0.55	0.54	0.50	0.44	0.37	0.30	0.23	0.17	0.12	5.98	0.00	
-45	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL(DEG)			10	15	20	25	30	35	40	45		
F t	4.32	6.55	9.96	15.3	23.7	35.9	52.0	69.1	81.3	82.0	71.5	55.3	39.0	25.9	16.7	10.6	6.68	4.22	610	---	
F a	0.00	0.00	0.13	8.29	18.3	31.2	47.5	65.0	77.2	78.1	67.4	50.9	34.2	20.8	10.3	1.45	0.00	0.00	---	511	

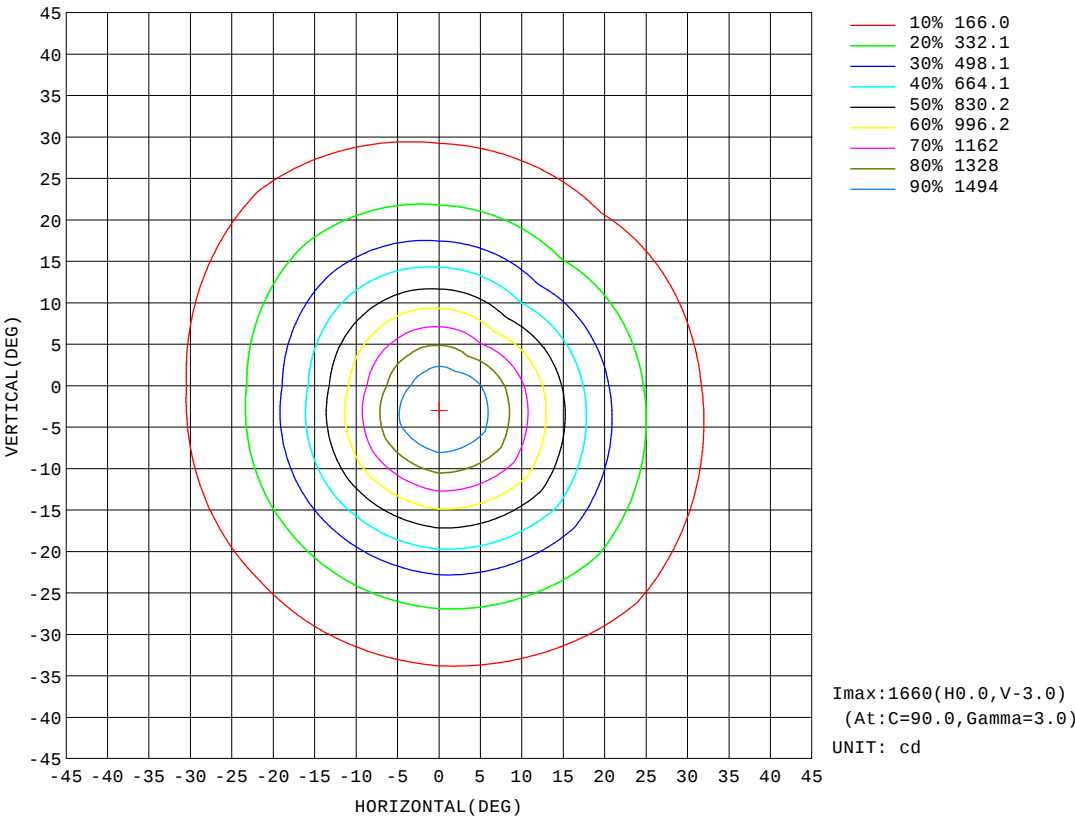
one-half-peak spread: U:14.3,D:14.7 , L:14.8,R:14.4 NEMA Beam Type: Type 4

H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:
Test Date:2024-09-29

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-TW-6000K-30D-Rev1	TYPE:6000K	WEIGHT:
SPEC.:30 DEG	DIM.:600MM	SERIAL No.:IES003012
MFR.:	SUR.:1	Shielding Angle:

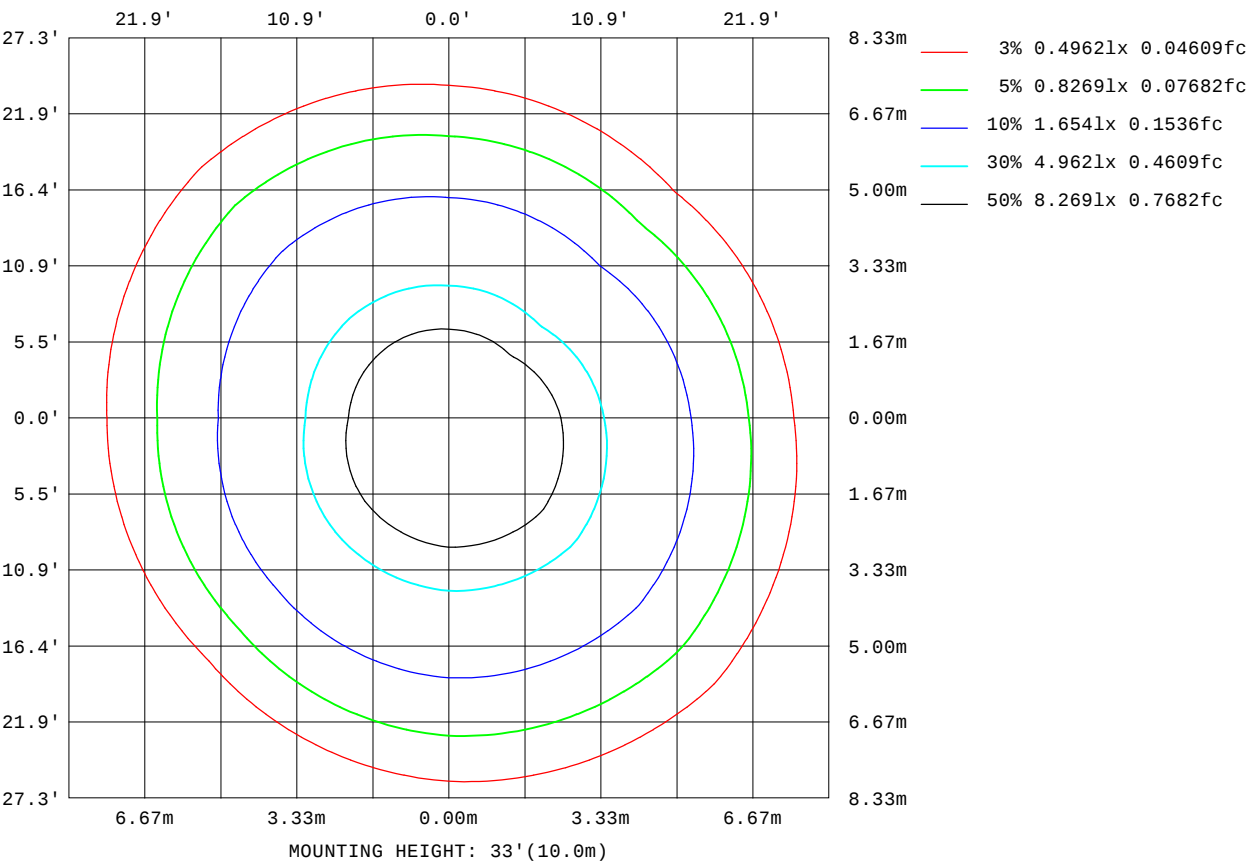


H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:
Test Date:2024-09-29

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:

ISOLUX DIAGRAM

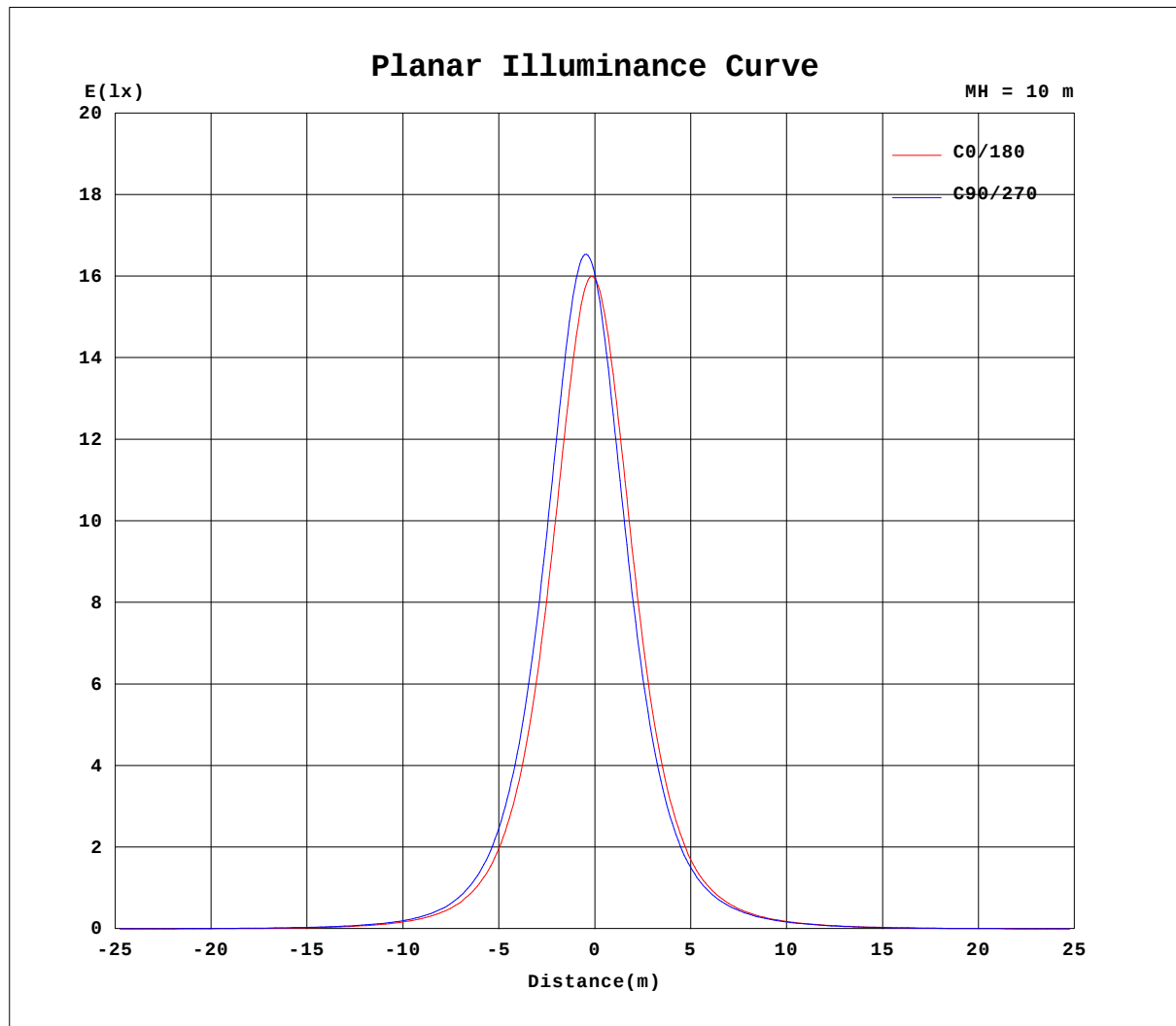
NAME:BlazeLine Slim-600mm-TW-6000K-30D-Rev1	TYPE:6000K	WEIGHT:
SPEC.:30 DEG	DIM.:600MM	SERIAL No.:IES003012
MFR.:	SUR.:1	Shielding Angle:



H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:
Test Date:2024-09-29

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

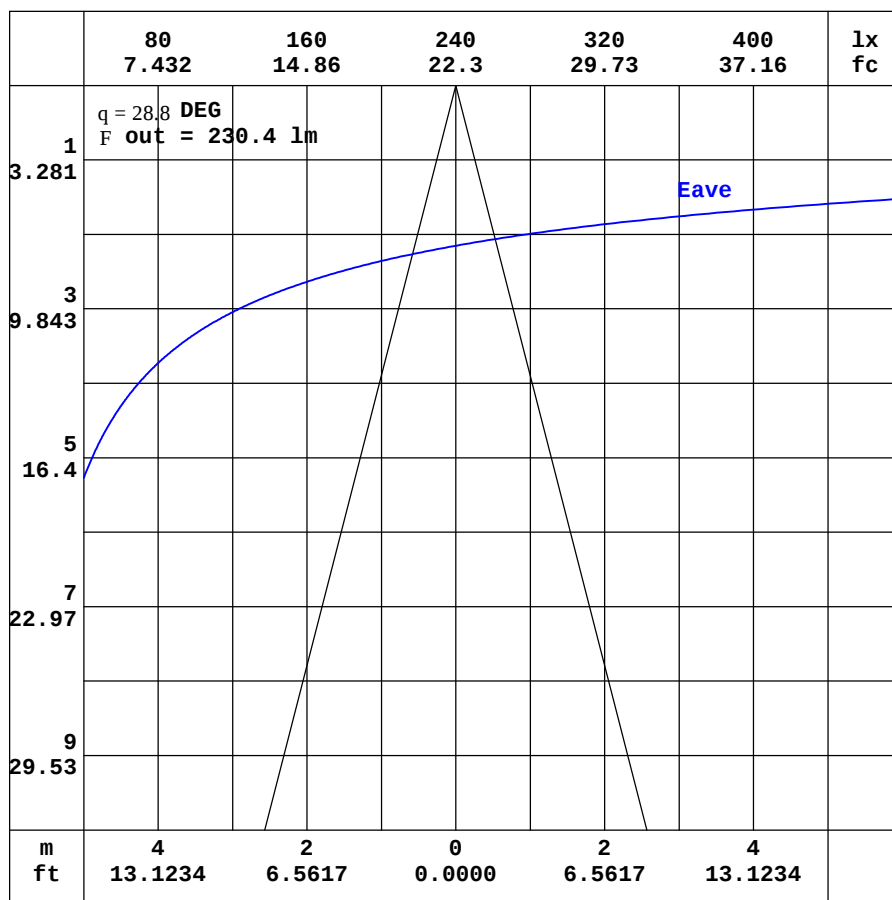


H_(b) Range: -90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators:
Test Date: 2024-09-29

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-TW-6000K-30D-Rev1	TYPE:6000K	WEIGHT:
SPEC.:30 DEG	DIM.:600MM	SERIAL No.:IES003012
MFR.:	SUR.:1	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:
Test Date:2024-09-29

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-TW-6000K-30D-Rev1	TYPE:6000K	WEIGHT:
SPEC.:30 DEG	DIM.:600MM	SERIAL No.:IES003012
MFR.:	SUR.:1	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	2.51	2.30	2.15	2.15	2.20	2.39	2.71	3.17	3.73	4.30	4.77	5.12	5.32	5.42	5.42	5.39	5.31	5.22	5.12
-170	2.51	2.27	2.11	2.07	2.10	2.22	2.45	2.78	3.16	3.55	3.89	4.12	4.27	4.37	4.41	4.40	4.30	4.50	4.64
-160	2.51	2.25	2.07	2.01	1.99	2.04	2.15	2.33	2.53	2.73	2.90	3.02	3.07	3.10	3.08	3.36	3.65	3.83	3.92
-150	2.51	2.24	2.05	1.95	1.89	1.86	1.88	1.92	1.96	1.99	1.98	1.94	1.84	1.85	2.13	2.38	2.58	2.71	2.76
-140	2.51	2.24	2.03	1.89	1.81	1.74	1.68	1.61	1.55	1.45	1.31	1.13	1.10	1.23	1.37	1.50	1.60	1.67	1.70
-130	2.51	2.23	2.02	1.86	1.74	1.64	1.55	1.43	1.31	1.16	0.99	0.89	0.91	0.94	0.96	1.00	1.03	1.06	1.07
-120	2.51	2.24	2.03	1.85	1.70	1.58	1.46	1.35	1.23	1.08	0.94	0.94	0.93	0.93	0.94	0.94	0.95	0.96	0.97
-110	2.51	2.26	2.05	1.87	1.70	1.56	1.42	1.29	1.16	1.04	0.99	1.00	1.00	1.00	1.00	1.01	1.01	1.01	1.02
-100	2.51	2.29	2.08	1.89	1.71	1.55	1.40	1.25	1.12	0.98	0.97	0.98	0.98	0.97	0.97	0.97	0.97	0.97	0.96
-90	2.51	2.32	2.13	1.94	1.75	1.56	1.37	1.17	0.98	0.79	0.79	0.78	0.78	0.78	0.77	0.77	0.76	0.76	0.75
-80	2.51	2.36	2.20	2.03	1.91	1.79	1.56	1.33	1.12	0.90	0.97	1.08	1.18	1.28	1.39	1.49	1.58	1.67	1.73
-70	2.51	2.41	2.37	2.36	2.25	2.24	2.21	2.17	2.13	2.07	2.31	2.74	3.20	3.70	4.21	4.68	5.11	5.47	5.73
-60	2.51	2.46	2.63	2.68	2.89	3.16	3.50	3.90	4.30	4.72	5.49	7.06	8.71	10.4	12.0	13.5	14.8	15.8	16.4
-50	2.51	2.57	2.80	3.20	3.75	4.56	5.51	6.30	7.75	9.75	12.1	15.1	18.8	22.6	26.5	30.3	33.6	36.3	38.0
-40	2.51	2.78	3.08	3.78	4.85	6.30	7.38	9.63	13.0	17.3	22.2	27.7	34.7	43.9	54.3	65.5	76.2	84.9	90.3
-30	2.51	2.91	3.38	4.41	6.10	7.52	9.80	13.9	19.7	27.0	36.0	47.5	62.9	84.4	116	153	191	224	244
-20	2.51	2.98	3.65	5.01	7.19	8.76	12.3	18.4	26.9	37.8	52.9	75.1	109	162	239	352	476	588	649
-10	2.51	3.03	3.87	5.51	7.87	9.79	14.4	22.1	32.8	47.2	68.5	102	158	253	409	642	943	1216	1368
0	2.51	3.08	4.02	5.83	8.30	10.3	15.4	23.9	35.7	51.8	75.7	112	173	279	450	712	1063	1408	1595
10	2.51	3.07	3.95	5.64	8.06	9.96	14.6	22.7	34.1	49.6	71.7	105	158	239	364	534	730	893	944
20	2.51	3.06	3.82	5.28	7.57	9.13	12.7	19.3	28.9	41.6	58.7	82.3	115	163	222	285	346	387	392
30	2.51	3.03	3.62	4.79	6.65	8.14	10.3	14.7	21.5	30.7	42.3	56.6	74.2	94.7	115	135	150	157	155
40	2.51	2.92	3.39	4.26	5.53	7.18	8.29	10.4	14.1	19.4	26.2	34.4	42.9	50.9	58.2	64.5	68.7	70.5	69.5
50	2.51	2.74	3.17	3.76	4.54	5.59	6.77	7.62	8.94	10.9	13.8	17.3	21.1	24.8	28.1	30.6	32.4	33.2	32.9
60	2.51	2.64	3.03	3.31	3.75	4.26	4.86	5.56	6.20	6.73	7.45	8.47	9.62	10.8	11.9	12.9	13.7	14.1	14.2
70	2.51	2.60	2.78	3.01	3.15	3.37	3.60	3.82	4.05	4.28	4.58	4.93	5.29	5.62	5.93	6.20	6.41	6.57	6.65
80	2.51	2.56	2.61	2.66	2.77	2.89	2.92	2.96	3.00	3.04	3.09	3.14	3.19	3.23	3.27	3.30	3.32	3.32	3.32
90	2.51	2.51	2.52	2.52	2.53	2.53	2.53	2.54	2.54	2.55	2.54	2.53	2.52	2.51	2.50	2.49	2.48	2.47	2.46
100	2.51	2.47	2.43	2.39	2.36	2.34	2.31	2.29	2.27	2.26	2.23	2.21	2.19	2.18	2.17	2.16	2.15	2.14	2.13
110	2.51	2.43	2.36	2.30	2.24	2.21	2.18	2.16	2.15	2.15	2.14	2.14	2.15	2.15	2.17	2.18	2.20	2.21	2.21
120	2.51	2.39	2.30	2.22	2.17	2.15	2.14	2.15	2.16	2.21	2.28	2.36	2.45	2.54	2.62	2.69	2.74	2.78	2.79
130	2.51	2.36	2.25	2.17	2.14	2.15	2.17	2.24	2.37	2.54	2.74	2.94	3.15	3.37	3.55	3.71	3.82	3.90	3.93
140	2.51	2.34	2.22	2.15	2.14	2.17	2.28	2.46	2.72	3.02	3.37	3.72	4.04	4.33	4.58	4.77	4.91	5.00	5.04
150	2.51	2.32	2.19	2.14	2.16	2.24	2.43	2.73	3.10	3.55	3.99	4.42	4.76	5.05	5.26	5.42	5.54	5.63	5.70
160	2.51	2.31	2.16	2.14	2.18	2.32	2.58	2.97	3.45	3.97	4.47	4.88	5.19	5.39	5.50	5.60	5.68	5.77	5.88
170	2.51	2.30	2.16	2.14	2.20	2.37	2.69	3.13	3.67	4.23	4.72	5.09	5.33	5.46	5.50	5.49	5.39	5.38	5.45
180	2.51	2.30	2.15	2.15	2.20	2.39	2.71	3.17	3.73	4.30	4.77	5.12	5.32	5.42	5.42	5.39	5.31	5.22	5.13

H_(b) Range: -90 - 90DEGH_(b) Interval: 0.5DEG

Test Speed: LOW

Temperature: 25.3DEG

Operators:

Test Date: 2024-09-29

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-TW-6000K-30D-Rev1	TYPE:6000K	WEIGHT:
SPEC.:30 DEG	DIM.:600MM	SERIAL No.:IES003012
MFR.:	SUR.:1	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	4.78	4.47	4.14	3.73	3.25	2.74	2.24	1.77	1.35	1.08	0.93	0.92	0.95	0.97	0.96	0.92	0.84	0.73
-170	4.53	4.30	3.98	3.57	3.10	2.60	2.12	1.67	1.31	1.06	0.94	0.93	0.95	0.98	0.97	0.92	0.84	0.73
-160	3.83	3.64	3.36	3.01	2.61	2.19	1.80	1.44	1.18	1.01	0.94	0.94	0.97	0.98	0.97	0.92	0.84	0.73
-150	2.72	2.60	2.41	2.18	1.92	1.65	1.40	1.19	1.04	0.96	0.95	0.96	0.98	0.98	0.96	0.92	0.83	0.73
-140	1.69	1.63	1.54	1.44	1.32	1.20	1.10	1.02	0.98	0.96	0.96	0.98	0.98	0.98	0.95	0.90	0.81	0.73
-130	1.07	1.07	1.05	1.03	1.02	1.00	0.99	0.98	0.97	0.97	0.99	0.99	0.98	0.97	0.93	0.87	0.79	0.73
-120	0.98	0.98	0.98	0.98	0.98	0.99	0.99	0.99	0.99	1.00	0.99	0.99	0.99	0.97	0.94	0.90	0.85	0.78
-110	1.02	1.01	1.01	1.01	1.01	1.01	1.00	1.00	1.00	0.99	0.98	0.96	0.93	0.89	0.85	0.81	0.76	0.73
-100	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.92	0.91	0.89	0.87	0.84	0.82	0.79	0.76	0.74	0.73
-90	0.75	0.75	0.75	0.75	0.76	0.76	0.76	0.76	0.76	0.75	0.75	0.75	0.75	0.74	0.74	0.74	0.74	0.73
-80	1.68	1.61	1.53	1.44	1.35	1.25	1.15	1.04	0.94	0.89	0.84	0.79	0.78	0.77	0.76	0.75	0.74	0.73
-70	5.53	5.23	4.85	4.41	3.94	3.45	2.98	2.54	2.19	1.95	1.70	1.41	1.20	0.98	0.84	0.78	0.74	0.73
-60	16.2	15.6	14.7	13.4	11.8	10.0	8.19	6.40	4.95	4.00	3.31	2.67	2.06	1.47	1.13	0.84	0.76	0.73
-50	38.0	36.8	34.5	31.4	27.7	23.7	19.5	15.2	11.0	7.80	5.51	4.22	3.26	2.30	1.43	0.98	0.77	0.73
-40	90.3	86.1	78.6	68.8	58.4	47.9	37.4	27.8	20.1	13.9	9.06	5.96	4.39	3.20	1.98	1.19	0.80	0.73
-30	240	218	188	153	120	88.3	63.0	44.3	30.7	20.8	13.5	8.20	5.32	4.06	2.51	1.32	0.83	0.73
-20	627	546	437	323	215	142	94.1	62.3	41.3	27.2	17.3	10.5	6.24	4.53	2.95	1.43	0.85	0.73
-10	1286	1076	761	499	313	192	118	75.1	48.3	31.1	19.7	11.8	6.83	4.73	3.28	1.55	0.86	0.73
0	1498	1182	818	524	321	196	119	75.3	48.4	31.2	19.8	11.9	6.88	4.81	3.42	1.61	0.87	0.73
10	857	660	502	350	233	152	98.3	65.2	43.4	28.8	18.6	11.4	6.83	4.87	3.39	1.63	0.90	0.73
20	364	304	233	173	131	94.9	68.4	48.7	34.2	23.7	15.7	9.95	6.36	4.82	3.19	1.59	0.92	0.73
30	147	131	110	88.7	69.4	55.0	43.1	32.9	24.5	17.6	12.1	8.00	5.69	4.51	2.86	1.55	0.94	0.73
40	66.6	61.3	54.6	46.8	39.1	31.9	25.9	20.8	16.1	12.0	8.62	6.37	5.07	3.79	2.42	1.49	0.94	0.73
50	31.8	29.8	27.2	24.2	21.1	17.9	15.0	12.3	9.88	7.84	6.28	5.20	4.14	3.00	1.96	1.34	0.94	0.73
60	13.9	13.3	12.5	11.5	10.4	9.36	8.30	7.29	6.31	5.47	4.69	3.86	3.05	2.26	1.73	1.25	0.95	0.73
70	6.55	6.39	6.16	5.88	5.57	5.23	4.87	4.51	4.12	3.68	3.20	2.70	2.28	1.86	1.49	1.19	0.94	0.73
80	3.32	3.31	3.29	3.26	3.22	3.17	3.12	3.07	3.00	2.72	2.44	2.16	1.89	1.63	1.39	1.16	0.94	0.73
90	2.47	2.48	2.49	2.49	2.50	2.51	2.52	2.53	2.54	2.34	2.14	1.94	1.74	1.54	1.34	1.14	0.93	0.73
100	2.14	2.15	2.16	2.17	2.18	2.20	2.21	2.24	2.25	2.11	1.97	1.81	1.66	1.49	1.32	1.13	0.93	0.73
110	2.20	2.19	2.17	2.15	2.14	2.13	2.13	2.13	2.09	1.97	1.85	1.72	1.60	1.46	1.30	1.13	0.93	0.73
120	2.76	2.71	2.65	2.56	2.47	2.38	2.29	2.22	2.04	1.90	1.77	1.65	1.53	1.41	1.29	1.12	0.93	0.73
130	3.89	3.80	3.66	3.49	3.28	3.06	2.83	2.52	2.18	1.92	1.74	1.59	1.48	1.36	1.25	1.11	0.93	0.73
140	5.00	4.91	4.77	4.56	4.30	3.99	3.49	2.88	2.38	1.99	1.71	1.54	1.40	1.31	1.21	1.09	0.92	0.73
150	5.66	5.58	5.47	5.31	5.08	4.50	3.77	3.08	2.47	1.99	1.66	1.45	1.33	1.24	1.15	1.06	0.91	0.73
160	5.82	5.77	5.73	5.53	4.94	4.30	3.63	2.95	2.34	1.85	1.52	1.32	1.22	1.16	1.10	1.02	0.89	0.73
170	5.45	5.52	5.20	4.76	4.25	3.68	3.08	2.49	1.95	1.53	1.26	1.14	1.09	1.07	1.03	0.97	0.87	0.73
180	4.78	4.47	4.14	3.73	3.25	2.74	2.24	1.77	1.35	1.08	0.93	0.92	0.95	0.97	0.96	0.92	0.84	0.73

H_b Range:-90 - 90DEG
H_b Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:
Test Date:2024-09-29

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: