

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)	899.3 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
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Beam Spread	At 10% of Imax	99.9V x 98.0H
	At 50% of Imax	62.5V x 60.7H
	At 90% of Imax	34.0V x 28.4H

Beam Flux	Total	1000.1 lumens per klm.
	To 10% of Imax	904.9 lumens per klm.
	To 50% of Imax	610.0 lumens per klm.
	To 90% of Imax	187.8 lumens per klm.

Upward LOR	2.3 %
Downward LOR	97.7 %

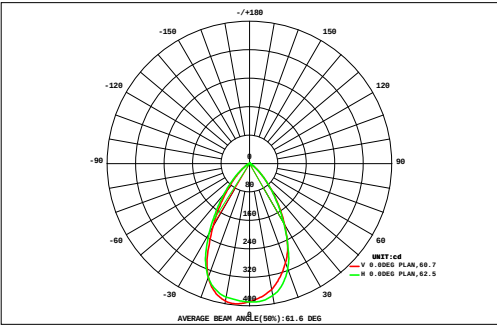
Luminaire Efficiency(Light Output Ratio)	100.0 %
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H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:
Test Date:2024-09-29

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-2200K-65D-Rev2	TYPE:2200K	WEIGHT:
SPEC.:65 DEG	DIM.:600MM	SERIAL No.:IES003005
MFR.:	SUR.:1	Shielding Angle:



DATA OF LAMP		Eff:50.65lm/W	
MODEL		Imax(cd)	396.2
NOMINAL POWER(W)	8.7	AVAILABILITY(%)	90.5
RATED VOLTAGE(V)	24	Avai. FLUX(lm)	398.8
NOMINAL FLUX(lm)	440.6	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	440.6
TEST VOLTAGE(V)	24	q @50%(H,V)	61,63DEG

AREA FLUX DIAGRAM																	UNIT:lm			F t	F a
VERTICAL (DEG)	72	0.02	0.03	0.04	0.05	0.06	0.08	0.10	0.11	0.12	0.12	0.11	0.10	0.08	0.07	0.05	0.03	0.02	0.01	1.20	0.00
	64	0.02	0.03	0.05	0.07	0.10	0.13	0.17	0.21	0.23	0.23	0.21	0.18	0.14	0.10	0.07	0.05	0.03	0.01	2.05	0.00
	56	0.02	0.04	0.07	0.11	0.16	0.25	0.37	0.48	0.56	0.57	0.51	0.40	0.28	0.18	0.11	0.06	0.03	0.02	4.23	0.20
	48	0.03	0.05	0.09	0.17	0.30	0.52	0.80	1.07	1.25	1.28	1.15	0.90	0.61	0.35	0.18	0.08	0.04	0.02	8.90	6.29
	40	0.03	0.07	0.13	0.28	0.56	0.97	1.52	2.07	2.44	2.50	2.23	1.73	1.16	0.65	0.31	0.12	0.05	0.02	16.9	15.2
	32	0.04	0.08	0.19	0.45	0.92	1.64	2.59	3.54	4.13	4.20	3.75	2.92	1.92	1.06	0.48	0.18	0.06	0.02	28.2	26.9
	24	0.04	0.09	0.26	0.64	1.37	2.50	3.89	5.23	5.98	5.93	5.25	4.15	2.75	1.49	0.68	0.24	0.07	0.03	40.6	39.6
		0.04	0.11	0.32	0.82	1.80	3.34	5.18	6.60	7.16	6.94	6.18	4.99	3.41	1.87	0.84	0.30	0.08	0.03	50.0	49.1
		0.05	0.12	0.36	0.94	2.10	3.92	5.98	7.23	7.61	7.30	6.58	5.38	3.75	2.08	0.93	0.33	0.09	0.03	54.8	53.9
		0.05	0.12	0.37	0.98	2.20	4.10	6.14	7.25	7.53	7.35	6.65	5.41	3.73	2.07	0.92	0.33	0.09	0.02	55.3	54.4
		0.04	0.11	0.34	0.91	2.06	3.84	5.79	6.91	7.29	7.13	6.37	5.01	3.33	1.83	0.82	0.29	0.08	0.02	52.2	51.3
	-24	0.04	0.09	0.28	0.75	1.70	3.20	4.94	6.09	6.55	6.35	5.44	4.03	2.62	1.44	0.65	0.23	0.07	0.02	44.5	43.5
-32	0.03	0.08	0.21	0.55	1.22	2.31	3.53	4.47	4.93	4.74	3.94	2.85	1.80	1.00	0.46	0.17	0.05	0.02	32.4	31.2	
-40	0.03	0.06	0.14	0.34	0.76	1.39	2.10	2.70	3.00	2.89	2.40	1.75	1.10	0.61	0.28	0.11	0.04	0.02	19.7	18.3	
-48	0.02	0.04	0.09	0.19	0.39	0.71	1.06	1.37	1.53	1.49	1.25	0.92	0.58	0.32	0.15	0.06	0.03	0.01	10.2	8.07	
-56	0.02	0.03	0.05	0.09	0.17	0.30	0.44	0.58	0.65	0.64	0.54	0.40	0.25	0.14	0.07	0.04	0.02	0.01	4.45	0.69	
-64	0.02	0.02	0.03	0.05	0.07	0.11	0.16	0.20	0.23	0.22	0.19	0.14	0.10	0.06	0.04	0.03	0.01	0.01	1.69	0.00	
-72	0.01	0.02	0.02	0.02	0.03	0.05	0.06	0.07	0.08	0.08	0.07	0.06	0.05	0.03	0.02	0.02	0.01	0.01	0.72	0.00	
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL(DEG)				16	24	32	40	48	56	64	72	
F t	0.56	1.20	3.02	7.40	16.0	29.4	44.8	56.2	61.3	59.9	52.8	41.3	27.7	15.4	7.08	2.68	0.87	0.33	428	---	
F a	0.00	0.00	0.18	5.20	14.2	27.7	43.2	54.6	59.7	58.4	51.3	39.7	26.0	13.6	4.86	0.11	0.00	0.00	---	399	

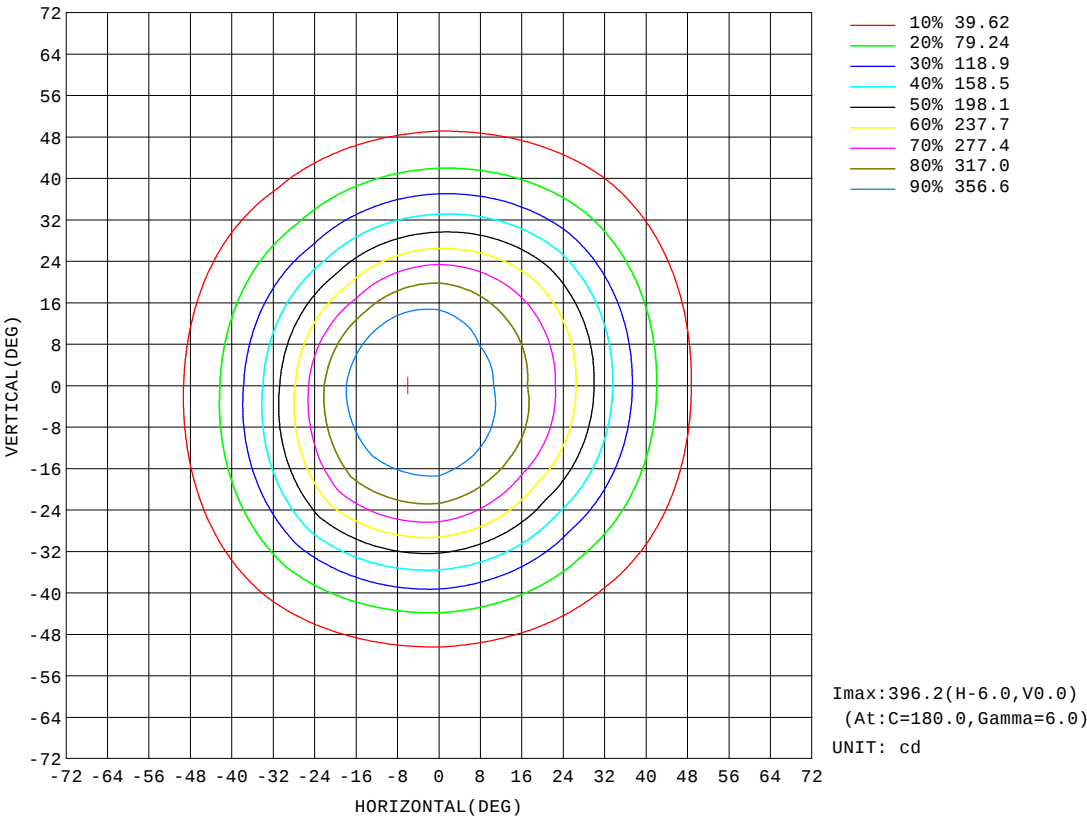
one-half-peak spread: U:31.8,D:27.5 , L:24.9,R:36.1 NEMA Beam Type: Type 5

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-2200K-65D-Rev2	TYPE:2200K	WEIGHT:
SPEC.:65 DEG	DIM.:600MM	SERIAL No.:IES003005
MFR.:	SUR.:1	Shielding Angle:

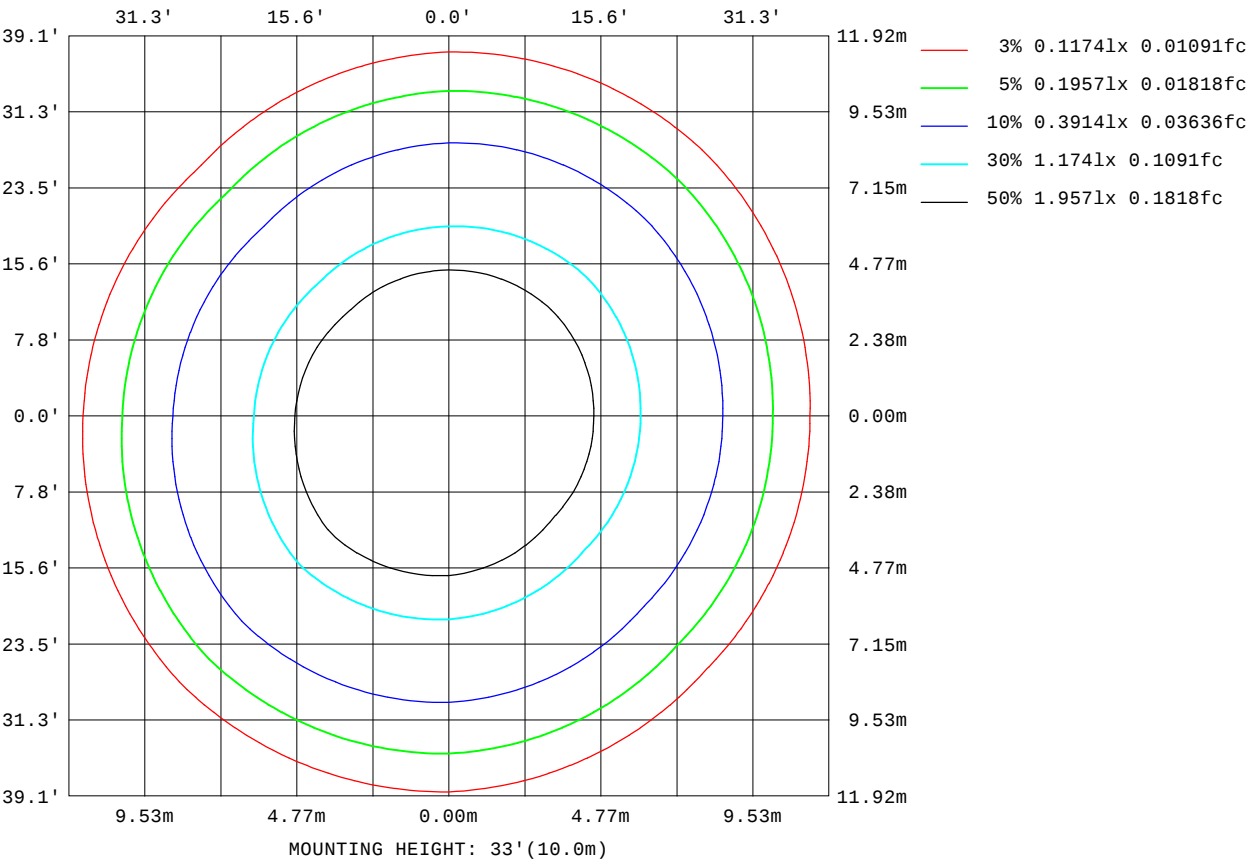


H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:
Test Date:2024-09-29

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

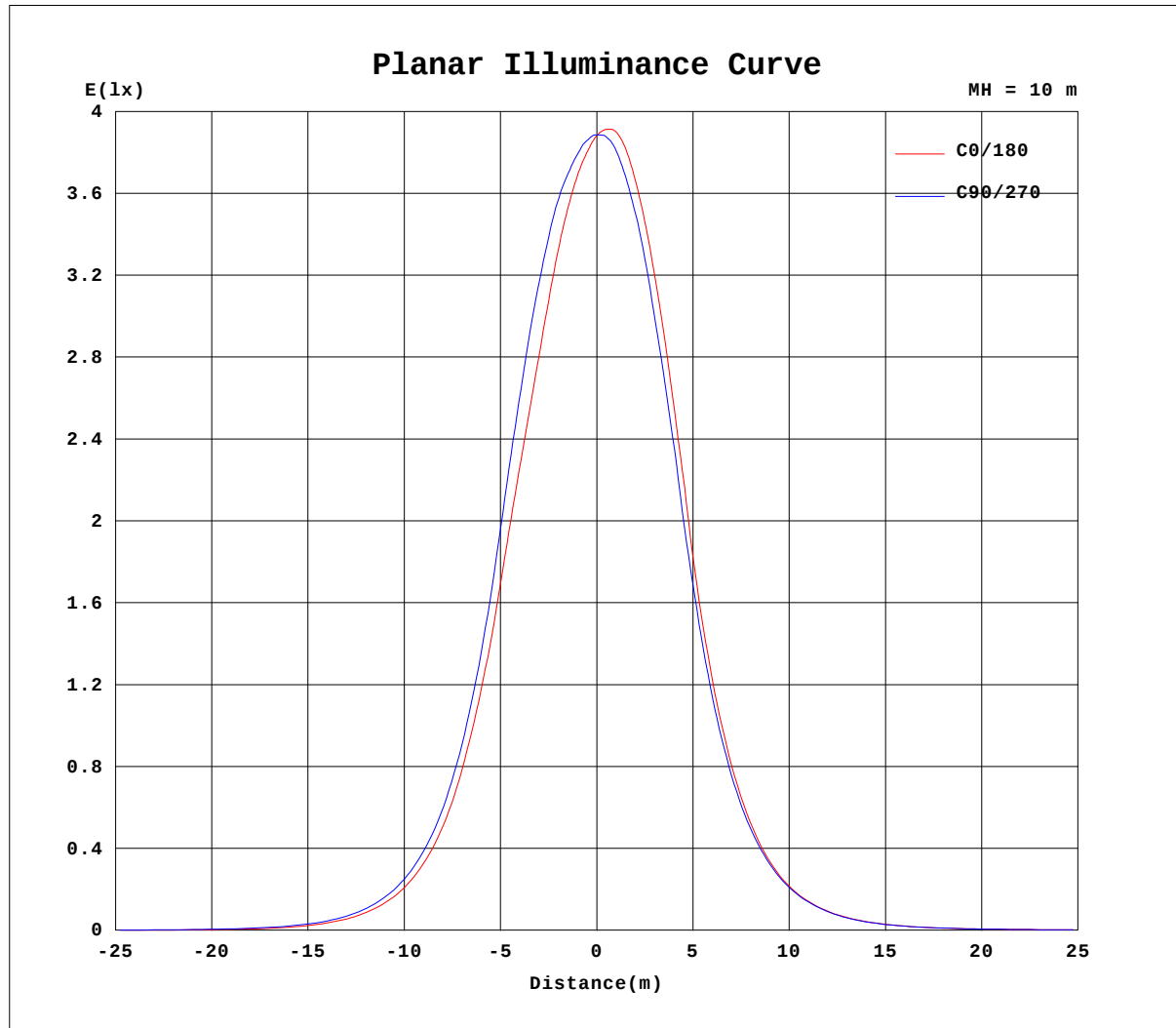
NAME:BlazeLine Slim-600mm-TW-2200K-65D-Rev2	TYPE:2200K	WEIGHT:
SPEC.:65 DEG	DIM.:600MM	SERIAL No.:IES003005
MFR.:	SUR.:1	Shielding Angle:



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

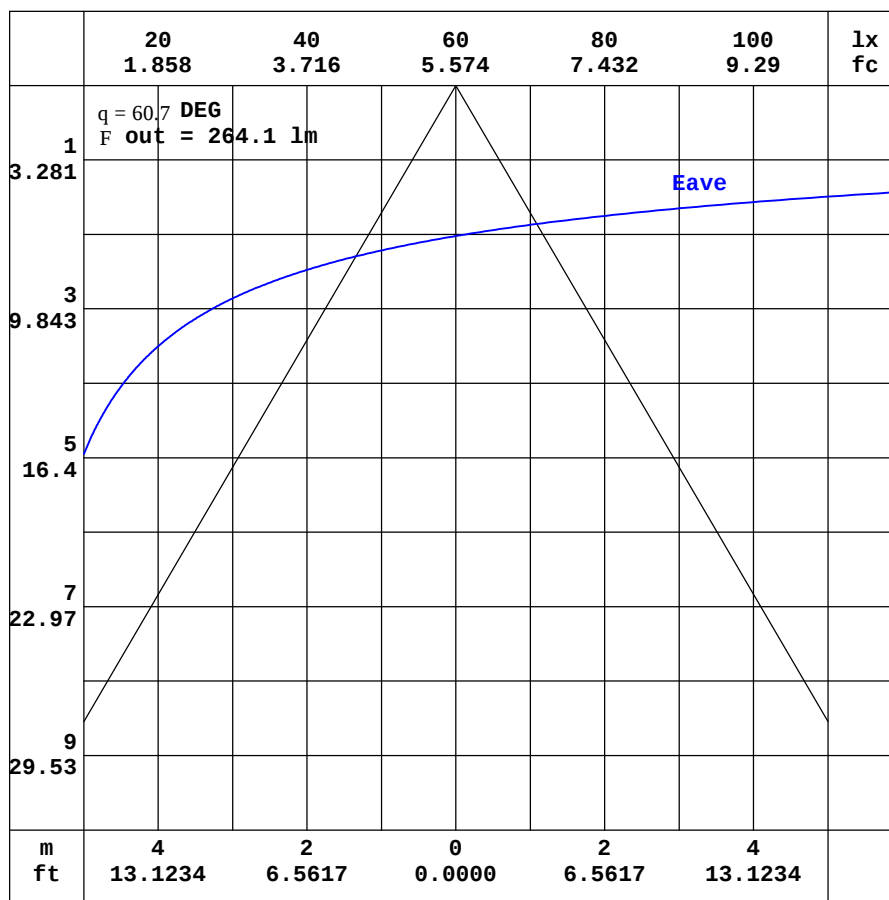


H(b) Range: -90 - 90DEG
H(b) Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators:
Test Date: 2024-09-29

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-2200K-65D-Rev2	TYPE:2200K	WEIGHT:
SPEC.:65 DEG	DIM.:600MM	SERIAL No.:IES003005
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-2200K-65D-Rev2	TYPE:2200K	WEIGHT:
SPEC.:65 DEG	DIM.:600MM	SERIAL No.:IES003005
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	1.79	1.66	1.64	1.67	1.74	1.87	2.03	2.22	2.43	2.65	2.87	3.07	3.24	3.37	3.47	3.51	3.52	3.48	3.45
-170	1.79	1.64	1.60	1.60	1.64	1.73	1.85	1.99	2.13	2.28	2.42	2.54	2.63	2.69	2.71	2.70	2.63	2.81	2.89
-160	1.79	1.62	1.56	1.52	1.53	1.57	1.64	1.72	1.80	1.88	1.94	1.98	1.99	1.97	1.91	2.03	2.17	2.27	2.32
-150	1.79	1.61	1.51	1.46	1.43	1.43	1.44	1.46	1.48	1.49	1.48	1.45	1.40	1.39	1.50	1.61	1.69	1.75	1.77
-140	1.79	1.60	1.48	1.39	1.33	1.29	1.26	1.23	1.19	1.15	1.08	1.01	1.01	1.08	1.16	1.22	1.28	1.30	1.31
-130	1.79	1.60	1.44	1.34	1.25	1.17	1.10	1.03	0.96	0.88	0.78	0.75	0.79	0.83	0.86	0.89	0.92	0.93	0.93
-120	1.79	1.59	1.42	1.30	1.19	1.09	0.99	0.88	0.79	0.68	0.60	0.62	0.63	0.64	0.66	0.66	0.67	0.66	0.66
-110	1.79	1.60	1.43	1.28	1.15	1.03	0.91	0.79	0.67	0.56	0.51	0.52	0.52	0.52	0.53	0.53	0.52	0.52	0.51
-100	1.79	1.62	1.45	1.29	1.15	1.00	0.86	0.73	0.60	0.47	0.46	0.46	0.46	0.46	0.45	0.45	0.45	0.45	0.44
-90	1.79	1.64	1.48	1.33	1.18	1.03	0.87	0.72	0.57	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.41
-80	1.79	1.67	1.54	1.41	1.29	1.16	1.00	0.86	0.71	0.56	0.60	0.68	0.74	0.81	0.88	0.95	1.01	1.06	1.10
-70	1.79	1.71	1.64	1.58	1.58	1.61	1.56	1.52	1.49	1.44	1.58	1.85	2.13	2.40	2.67	2.91	3.12	3.28	3.40
-60	1.79	1.75	1.78	1.93	2.08	2.22	2.39	2.61	2.85	3.11	3.56	4.51	5.66	6.91	8.16	9.34	10.3	11.0	11.2
-50	1.79	1.81	1.98	2.33	2.63	3.04	3.64	4.26	5.26	7.06	9.92	14.1	19.1	24.5	29.9	35.0	38.8	41.2	41.9
-40	1.79	1.91	2.25	2.71	3.25	4.15	5.09	6.87	10.3	16.3	25.1	37.3	51.9	67.2	82.0	95.5	106	111	112
-30	1.79	1.98	2.51	3.08	3.99	5.19	7.03	10.9	18.6	30.9	49.3	74.0	106	141	172	199	218	228	228
-20	1.79	2.02	2.69	3.43	4.72	6.15	9.04	15.8	27.9	47.5	75.6	115	165	219	274	309	329	339	340
-10	1.79	2.06	2.82	3.72	5.29	7.04	10.8	19.6	35.1	59.1	94.9	144	203	270	326	359	376	381	381
0	1.79	2.10	2.92	3.91	5.64	7.55	11.6	20.8	36.8	61.3	97.9	147	208	280	340	375	392	396	388
10	1.79	2.10	2.89	3.83	5.45	7.22	10.8	18.9	33.0	54.4	85.7	128	181	240	300	344	370	380	376
20	1.79	2.09	2.82	3.65	5.04	6.53	9.18	15.0	25.2	40.8	62.6	92.3	128	170	212	254	289	309	315
30	1.79	2.06	2.70	3.38	4.44	5.79	7.56	10.7	16.7	25.8	38.6	55.0	74.5	97.4	124	151	172	187	193
40	1.79	2.02	2.49	3.09	3.81	4.91	5.98	7.61	10.1	14.2	20.0	27.3	36.8	48.4	60.3	72.2	82.4	89.7	93.4
50	1.79	1.94	2.26	2.76	3.25	3.88	4.72	5.54	6.52	7.89	9.70	12.3	15.7	19.7	24.0	28.1	31.8	34.5	36.0
60	1.79	1.89	2.09	2.41	2.74	3.08	3.49	3.97	4.49	4.98	5.52	6.30	7.19	8.11	9.06	10.0	10.8	11.4	11.8
70	1.79	1.86	1.96	2.09	2.27	2.48	2.63	2.80	2.99	3.19	3.45	3.75	4.04	4.33	4.60	4.84	5.04	5.19	5.30
80	1.79	1.83	1.86	1.90	1.96	2.02	2.06	2.11	2.15	2.18	2.23	2.28	2.33	2.38	2.42	2.46	2.49	2.51	2.52
90	1.79	1.79	1.80	1.80	1.80	1.81	1.81	1.81	1.82	1.82	1.81	1.81	1.80	1.79	1.79	1.78	1.77	1.76	1.76
100	1.79	1.77	1.75	1.72	1.71	1.69	1.68	1.67	1.67	1.66	1.65	1.64	1.64	1.64	1.64	1.63	1.63	1.63	1.63
110	1.79	1.74	1.70	1.67	1.65	1.64	1.64	1.63	1.63	1.62	1.62	1.63	1.65	1.66	1.68	1.70	1.72	1.74	1.75
120	1.79	1.72	1.66	1.65	1.64	1.63	1.64	1.64	1.66	1.70	1.73	1.79	1.85	1.91	1.96	2.01	2.05	2.08	2.10
130	1.79	1.71	1.65	1.64	1.64	1.65	1.68	1.73	1.80	1.88	1.97	2.07	2.17	2.27	2.36	2.44	2.50	2.55	2.58
140	1.79	1.69	1.65	1.64	1.66	1.69	1.77	1.87	1.98	2.11	2.25	2.38	2.52	2.66	2.78	2.87	2.95	3.01	3.05
150	1.79	1.68	1.64	1.65	1.68	1.75	1.86	2.00	2.16	2.33	2.51	2.68	2.84	2.98	3.12	3.22	3.30	3.35	3.39
160	1.79	1.67	1.64	1.65	1.71	1.81	1.95	2.12	2.30	2.51	2.71	2.90	3.08	3.22	3.31	3.40	3.49	3.55	3.60
170	1.79	1.66	1.64	1.66	1.73	1.85	2.01	2.20	2.40	2.62	2.83	3.03	3.21	3.34	3.44	3.48	3.51	3.55	3.59
180	1.79	1.66	1.64	1.67	1.74	1.87	2.03	2.22	2.43	2.65	2.87	3.07	3.24	3.37	3.47	3.51	3.52	3.48	3.45

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-2200K-65D-Rev2	TYPE:2200K	WEIGHT:
SPEC.:65 DEG	DIM.:600MM	SERIAL No.:IES003005
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	3.20	2.96	2.69	2.39	2.11	1.83	1.56	1.32	1.08	0.91	0.76	0.66	0.57	0.51	0.47	0.43	0.40	0.40
-170	2.84	2.70	2.48	2.26	2.00	1.75	1.50	1.27	1.06	0.89	0.75	0.64	0.57	0.51	0.46	0.43	0.40	0.40
-160	2.30	2.23	2.10	1.94	1.74	1.53	1.34	1.14	0.97	0.83	0.72	0.63	0.57	0.50	0.46	0.43	0.40	0.40
-150	1.76	1.72	1.64	1.53	1.40	1.26	1.11	0.97	0.85	0.75	0.66	0.59	0.53	0.50	0.46	0.43	0.40	0.40
-140	1.30	1.28	1.22	1.15	1.07	0.98	0.90	0.81	0.74	0.66	0.60	0.55	0.51	0.48	0.45	0.43	0.40	0.40
-130	0.92	0.91	0.88	0.85	0.80	0.76	0.72	0.67	0.63	0.59	0.55	0.52	0.49	0.46	0.44	0.42	0.40	0.40
-120	0.66	0.66	0.65	0.64	0.62	0.61	0.59	0.58	0.55	0.53	0.51	0.48	0.47	0.45	0.44	0.41	0.40	0.40
-110	0.51	0.52	0.52	0.52	0.52	0.51	0.51	0.51	0.50	0.49	0.48	0.47	0.46	0.44	0.42	0.41	0.40	0.40
-100	0.45	0.45	0.46	0.46	0.47	0.47	0.48	0.49	0.48	0.47	0.46	0.44	0.43	0.42	0.42	0.41	0.40	0.40
-90	0.41	0.41	0.41	0.42	0.42	0.42	0.42	0.43	0.43	0.43	0.42	0.42	0.42	0.41	0.41	0.41	0.40	0.40
-80	1.06	1.01	0.96	0.89	0.82	0.76	0.69	0.63	0.57	0.55	0.53	0.49	0.47	0.45	0.43	0.41	0.41	0.40
-70	3.27	3.09	2.87	2.62	2.35	2.08	1.81	1.54	1.32	1.16	1.02	0.88	0.77	0.69	0.55	0.45	0.41	0.40
-60	10.7	9.84	8.74	7.49	6.24	5.11	4.12	3.27	2.70	2.28	1.88	1.49	1.18	0.94	0.79	0.55	0.42	0.40
-50	39.9	36.5	32.0	26.6	21.2	16.0	11.5	8.05	5.59	4.02	3.03	2.44	1.77	1.29	0.94	0.72	0.45	0.40
-40	106	96.7	84.2	69.8	55.5	41.7	30.0	20.6	13.1	7.92	4.82	3.32	2.56	1.70	1.16	0.83	0.48	0.40
-30	216	196	169	139	109	82.7	60.1	41.1	26.0	15.1	8.18	4.54	3.06	2.24	1.36	0.89	0.51	0.40
-20	326	302	264	220	178	135	96.8	65.5	41.4	24.0	12.5	6.18	3.63	2.65	1.54	0.96	0.54	0.40
-10	371	353	324	285	234	180	129	86.5	54.3	31.4	16.3	7.71	4.03	2.85	1.68	1.03	0.57	0.40
0	376	359	331	296	254	198	143	95.1	59.4	34.3	17.7	8.28	4.15	2.93	1.74	1.06	0.57	0.40
10	363	342	317	282	238	184	132	88.1	55.2	32.0	16.6	8.05	4.30	3.05	1.80	1.09	0.60	0.40
20	306	288	261	229	187	142	101	67.9	42.8	24.9	13.3	6.85	4.17	3.03	1.78	1.09	0.60	0.40
30	192	182	165	142	115	88.4	63.7	43.3	27.5	16.3	9.33	5.52	3.81	2.76	1.69	1.08	0.60	0.40
40	92.6	87.8	79.4	68.5	56.7	44.3	32.6	22.5	14.9	9.59	6.31	4.50	3.46	2.31	1.56	1.08	0.59	0.40
50	35.5	33.6	30.4	26.4	22.1	17.8	13.9	10.5	7.88	5.99	4.65	3.72	2.71	1.95	1.39	1.00	0.58	0.40
60	11.6	11.1	10.4	9.47	8.53	7.60	6.69	5.87	4.99	4.21	3.43	2.69	2.11	1.63	1.27	0.86	0.57	0.40
70	5.23	5.11	4.94	4.73	4.47	4.20	3.91	3.61	3.25	2.79	2.37	2.00	1.67	1.39	1.06	0.78	0.57	0.40
80	2.52	2.51	2.49	2.46	2.42	2.37	2.33	2.28	2.22	2.01	1.79	1.56	1.34	1.12	0.92	0.74	0.56	0.40
90	1.77	1.78	1.78	1.79	1.80	1.81	1.82	1.83	1.84	1.68	1.52	1.36	1.20	1.04	0.88	0.72	0.56	0.40
100	1.63	1.64	1.64	1.65	1.65	1.65	1.66	1.67	1.67	1.53	1.40	1.27	1.13	0.99	0.85	0.70	0.55	0.40
110	1.75	1.74	1.73	1.72	1.70	1.68	1.66	1.66	1.61	1.48	1.34	1.21	1.08	0.95	0.82	0.68	0.54	0.40
120	2.09	2.07	2.04	2.00	1.95	1.90	1.86	1.80	1.64	1.47	1.30	1.17	1.04	0.91	0.79	0.66	0.53	0.40
130	2.56	2.52	2.47	2.40	2.32	2.23	2.15	1.96	1.72	1.50	1.31	1.14	0.99	0.87	0.74	0.63	0.51	0.40
140	3.02	2.97	2.90	2.81	2.71	2.59	2.37	2.06	1.78	1.52	1.30	1.11	0.95	0.82	0.71	0.60	0.49	0.40
150	3.36	3.31	3.23	3.14	3.02	2.74	2.39	2.07	1.77	1.49	1.25	1.05	0.89	0.76	0.66	0.56	0.47	0.40
160	3.55	3.49	3.41	3.28	2.95	2.62	2.28	1.94	1.65	1.38	1.15	0.96	0.82	0.69	0.60	0.52	0.45	0.40
170	3.54	3.48	3.21	2.93	2.63	2.30	1.99	1.69	1.42	1.18	0.98	0.82	0.70	0.60	0.53	0.47	0.43	0.40
180	3.20	2.96	2.69	2.39	2.11	1.83	1.56	1.32	1.08	0.91	0.76	0.66	0.57	0.51	0.47	0.43	0.40	0.40

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: