

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	832.9 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	102.3V x 100.3H
	At 50% of Imax	65.5V x 63.9H
	At 90% of Imax	36.5V x 33.0H

Beam Flux	Total	1000.0 lumens per klm.
	To 10% of Imax	909.3 lumens per klm.
	To 50% of Imax	631.1 lumens per klm.
	To 90% of Imax	217.9 lumens per klm.

Upward LOR	2.3 %
Downward LOR	97.7 %

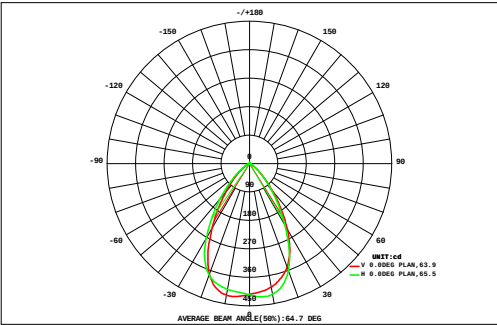
Luminaire Efficiency(Light Output Ratio)	100.0 %
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H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:
Test Date:2024-09-29

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-1800K-65D-Rev1	TYPE:1800K	WEIGHT:
SPEC.:65 DEG	DIM.:600MM	SERIAL No.:IES003013
MFR.:	SUR.:1	Shielding Angle:



DATA OF LAMP		Eff:58.85lm/W	
MODEL		Imax(cd)	426.4
NOMINAL POWER(W)	8.7	AVAILABILITY(%)	90.9
RATED VOLTAGE(V)	24	Avai. FLUX(lm)	465.3
NOMINAL FLUX(lm)	512	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	512.0
TEST VOLTAGE(V)	24	q @50%(H,V)	64,65DEG

		AREA FLUX DIAGRAM															UNIT:lm			F t	F a
VERTICAL (DEG)	90	0.01	0.02	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.07	0.07	0.06	0.05	0.03	0.02	0.01	0.00	0.78	0.00	
	80	0.01	0.02	0.03	0.05	0.06	0.08	0.10	0.12	0.12	0.12	0.10	0.09	0.07	0.04	0.02	0.01	0.00	1.17	0.00	
	70	0.01	0.02	0.04	0.07	0.10	0.14	0.19	0.23	0.26	0.26	0.23	0.19	0.15	0.10	0.06	0.03	0.01	0.00	2.09	0.00
	60	0.01	0.02	0.05	0.10	0.16	0.26	0.41	0.57	0.69	0.70	0.58	0.42	0.27	0.16	0.08	0.04	0.01	0.00	4.53	0.00
	50	0.01	0.03	0.07	0.14	0.29	0.57	1.04	1.60	2.01	2.05	1.68	1.12	0.60	0.27	0.11	0.05	0.01	0.00	11.6	7.55
	40	0.01	0.03	0.08	0.21	0.53	1.21	2.30	3.67	4.67	4.82	4.01	2.61	1.31	0.51	0.16	0.06	0.02	0.00	26.2	24.1
	30	0.01	0.03	0.10	0.30	0.91	2.20	4.27	6.82	8.61	8.78	7.40	4.90	2.39	0.88	0.24	0.07	0.02	0.00	47.9	46.4
	20	0.01	0.04	0.12	0.41	1.32	3.31	6.58	10.0	11.9	11.7	10.1	7.04	3.53	1.27	0.33	0.07	0.02	0.00	67.8	66.5
	10	0.01	0.04	0.13	0.48	1.62	4.15	8.19	11.7	12.8	12.5	11.1	8.13	4.25	1.52	0.38	0.07	0.02	0.00	77.0	75.8
	0	0.01	0.04	0.13	0.50	1.71	4.41	8.57	11.7	12.4	12.2	10.9	8.10	4.25	1.54	0.39	0.07	0.02	0.00	77.0	75.8
	-10	0.01	0.04	0.12	0.45	1.55	4.01	7.84	10.9	11.9	11.6	10.0	6.94	3.55	1.31	0.34	0.07	0.02	0.00	70.7	69.4
	-20	0.01	0.03	0.10	0.35	1.17	3.03	5.98	8.71	9.98	9.64	7.68	4.87	2.47	0.94	0.25	0.06	0.02	0.00	55.3	53.9
	-30	0.01	0.03	0.08	0.23	0.74	1.86	3.57	5.22	6.19	5.94	4.58	2.85	1.44	0.55	0.16	0.05	0.01	0.00	33.5	31.7
	-40	0.01	0.02	0.06	0.14	0.38	0.90	1.66	2.42	2.89	2.78	2.15	1.35	0.68	0.27	0.09	0.04	0.01	0.00	15.8	13.1
	-50	0.01	0.02	0.04	0.08	0.16	0.34	0.60	0.86	1.03	0.99	0.77	0.49	0.26	0.12	0.06	0.03	0.01	0.00	5.85	1.00
	-60	0.01	0.02	0.03	0.05	0.07	0.11	0.17	0.24	0.28	0.27	0.22	0.15	0.10	0.06	0.03	0.02	0.01	0.00	1.83	0.00
-70	0.01	0.01	0.02	0.03	0.03	0.04	0.06	0.07	0.09	0.08	0.07	0.06	0.04	0.03	0.02	0.01	0.00	0.00	0.67	0.00	
-80	0.01	0.01	0.02	0.02	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.00	0.00	0.26	0.00	
-90	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(DEG)				20	30	40	50	60	70	80	90	
F t	0.11	0.47	1.25	3.64	10.9	26.7	51.6	74.9	85.9	84.5	71.7	49.4	25.4	9.64	2.78	0.77	0.23	0.04	500	---	
F a	0.00	0.00	0.00	0.13	7.78	24.2	49.2	72.5	83.6	82.2	69.4	47.0	22.9	6.26	0.00	0.00	0.00	0.00	---	465	

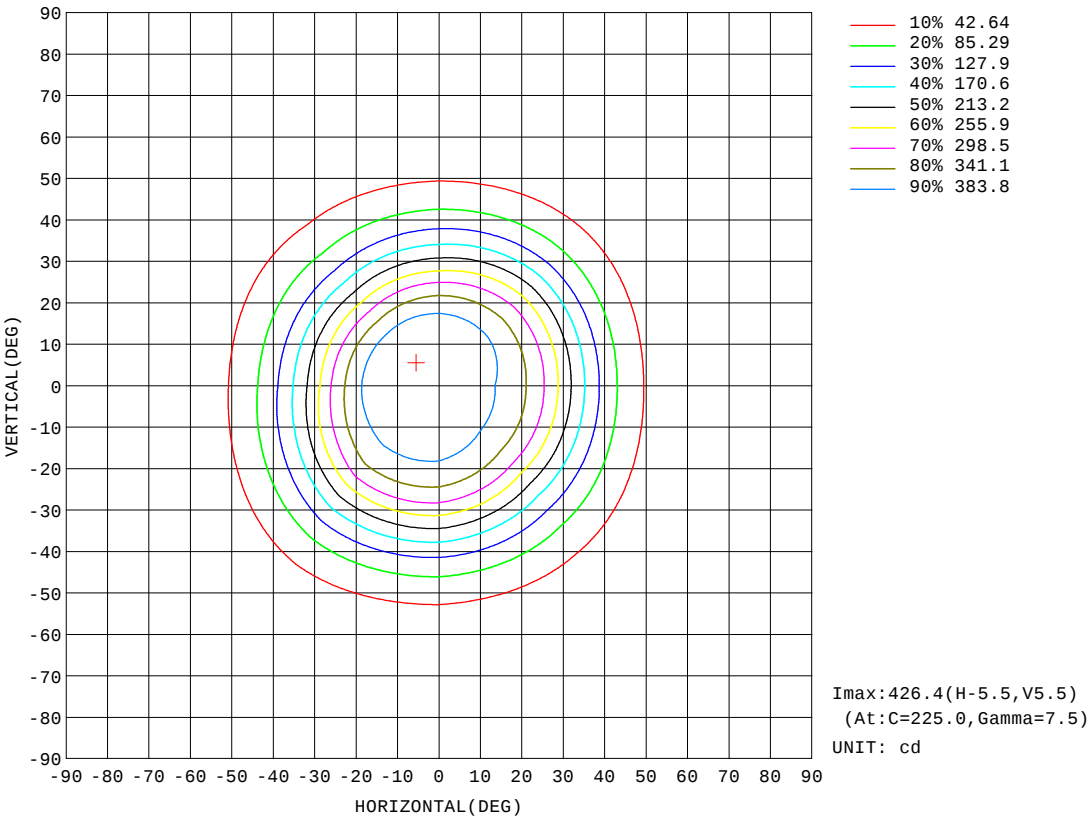
one-half-peak spread: U:41.8,D:24.0 , L:23.0,R:41.2 NEMA Beam Type: Type 6

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-1800K-65D-Rev1	TYPE:1800K	WEIGHT:
SPEC.:65 DEG	DIM.:600MM	SERIAL No.:IES003013
MFR.:	SUR.:1	Shielding Angle:

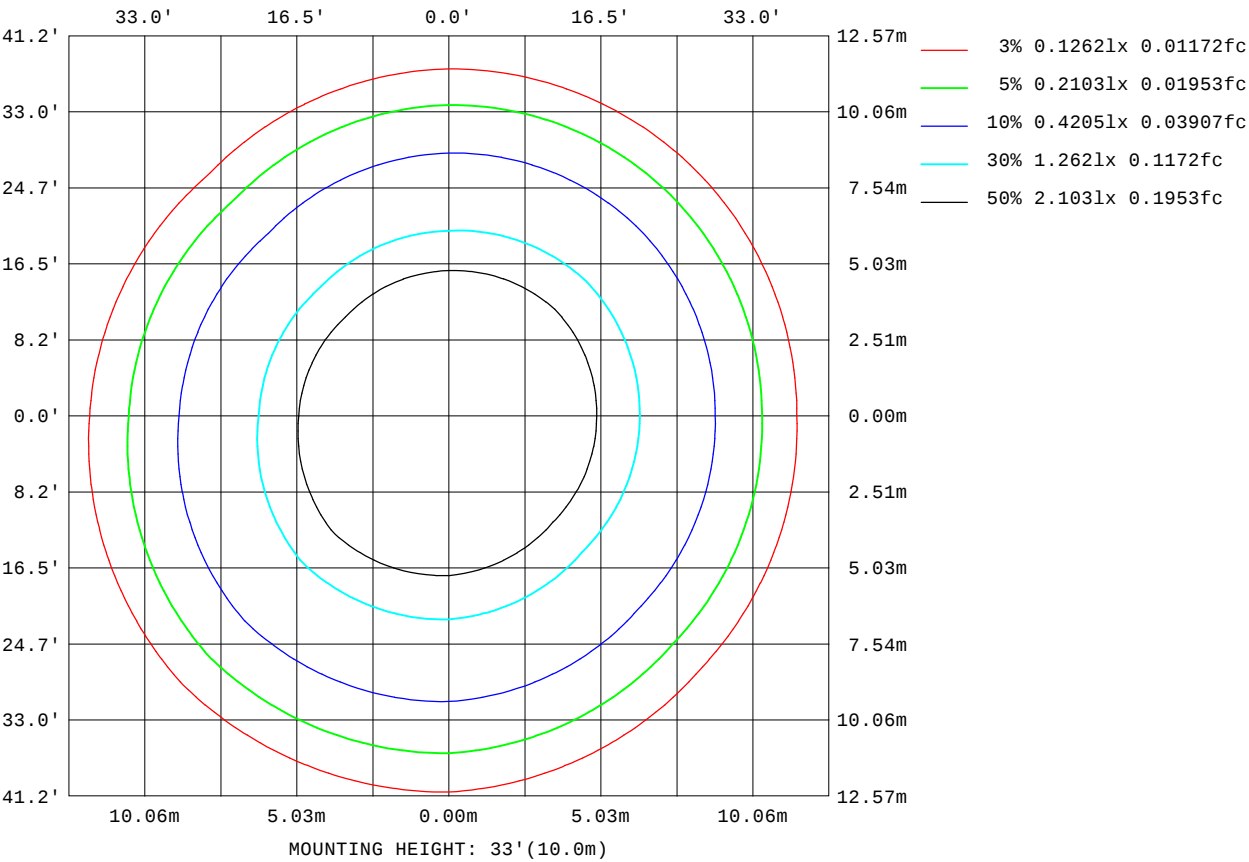


H_(b) Range: -90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators:
Test Date: 2024-09-29

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

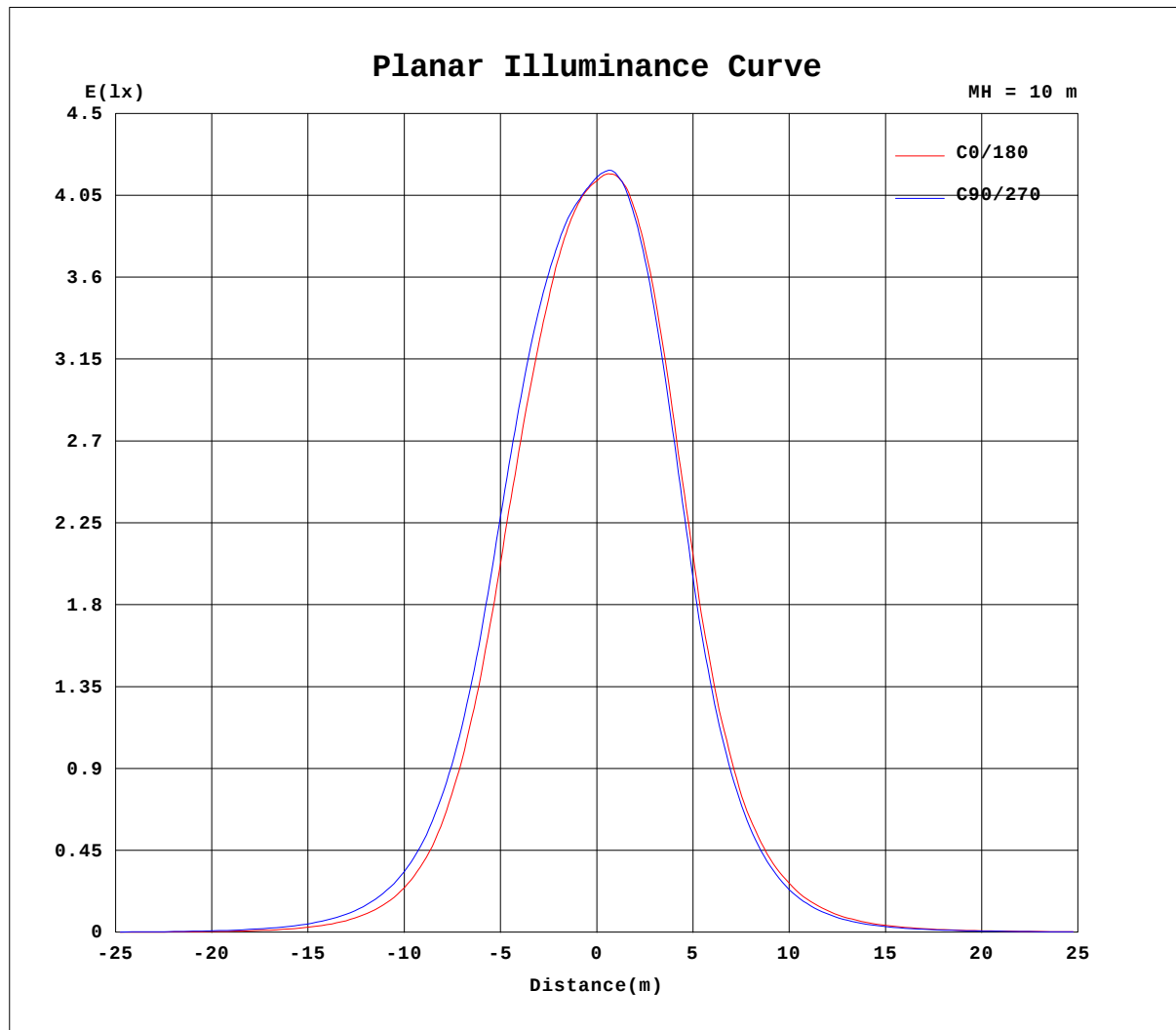
NAME:BlazeLine Slim-600mm-TW-1800K-65D-Rev1	TYPE:1800K	WEIGHT:
SPEC.:65 DEG	DIM.:600MM	SERIAL No.:IES003013
MFR.:	SUR.:1	Shielding Angle:



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

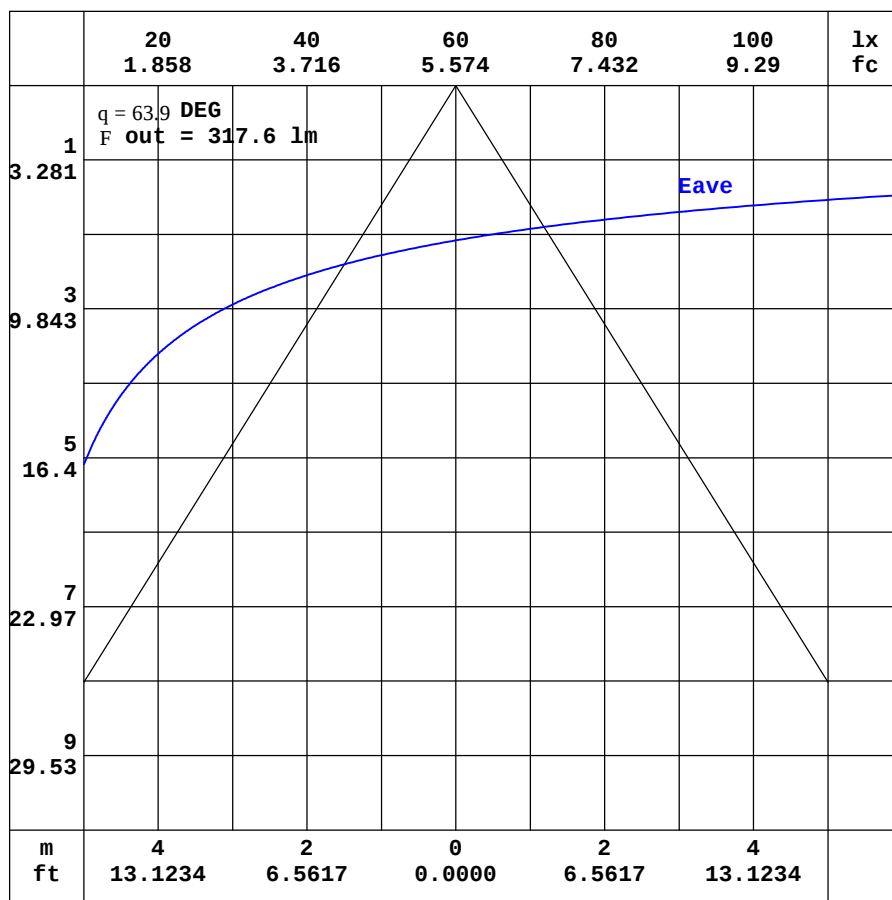


H(b) Range: -90 - 90DEG
H(b) Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators:
Test Date: 2024-09-29

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-1800K-65D-Rev1	TYPE:1800K	WEIGHT:
SPEC.:65 DEG	DIM.:600MM	SERIAL No.:IES003013
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-1800K-65D-Rev1	TYPE:1800K	WEIGHT:
SPEC.:65 DEG	DIM.:600MM	SERIAL No.:IES003013
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	2.12	1.96	1.93	1.96	2.05	2.20	2.38	2.60	2.84	3.08	3.33	3.55	3.75	3.91	4.00	4.03	4.02	4.03	3.94
-170	2.12	1.94	1.88	1.88	1.93	2.03	2.16	2.32	2.49	2.66	2.81	2.94	3.05	3.10	3.11	3.07	2.98	3.16	3.26
-160	2.12	1.92	1.83	1.79	1.81	1.86	1.93	2.02	2.11	2.19	2.26	2.30	2.31	2.28	2.19	2.31	2.47	2.58	2.62
-150	2.12	1.90	1.78	1.71	1.68	1.67	1.69	1.71	1.73	1.74	1.73	1.70	1.63	1.61	1.75	1.86	1.95	2.01	2.03
-140	2.12	1.89	1.73	1.64	1.56	1.51	1.47	1.43	1.39	1.34	1.27	1.18	1.18	1.27	1.35	1.43	1.48	1.51	1.52
-130	2.12	1.88	1.70	1.58	1.47	1.37	1.29	1.20	1.12	1.02	0.91	0.87	0.92	0.97	1.01	1.05	1.08	1.09	1.09
-120	2.12	1.88	1.69	1.53	1.40	1.27	1.15	1.03	0.91	0.79	0.68	0.71	0.73	0.74	0.76	0.77	0.78	0.78	0.78
-110	2.12	1.89	1.69	1.51	1.35	1.20	1.06	0.92	0.78	0.64	0.59	0.60	0.60	0.61	0.61	0.61	0.61	0.60	0.60
-100	2.12	1.91	1.71	1.52	1.35	1.19	1.02	0.86	0.70	0.55	0.54	0.53	0.53	0.52	0.52	0.52	0.51	0.51	0.50
-90	2.12	1.94	1.76	1.58	1.40	1.22	1.04	0.86	0.68	0.50	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49
-80	2.12	1.97	1.82	1.66	1.52	1.40	1.23	1.09	0.94	0.78	0.87	0.97	1.07	1.16	1.26	1.34	1.42	1.48	1.53
-70	2.12	2.01	1.94	1.90	1.90	1.97	1.97	1.98	2.00	2.04	2.30	2.69	3.08	3.45	3.82	4.14	4.42	4.64	4.77
-60	2.12	2.06	2.12	2.30	2.52	2.75	3.07	3.47	3.98	4.63	5.61	7.22	9.02	11.0	12.9	14.7	16.0	16.9	17.2
-50	2.12	2.14	2.35	2.78	3.20	3.84	4.73	5.86	7.81	11.0	15.7	21.9	28.8	36.2	43.3	49.6	54.4	57.5	58.3
-40	2.12	2.24	2.65	3.23	4.02	5.24	6.81	9.82	15.3	24.1	36.4	52.5	70.6	89.1	107	124	136	144	146
-30	2.12	2.33	2.94	3.68	4.88	6.61	9.55	15.5	26.2	42.6	65.7	96.0	133	173	208	238	260	273	275
-20	2.12	2.40	3.15	4.12	5.77	7.90	12.4	21.8	37.7	62.0	96.3	141	196	256	315	348	366	374	375
-10	2.12	2.45	3.32	4.47	6.46	8.95	14.5	25.9	45.4	75.0	116	170	237	306	360	390	402	405	404
0	2.12	2.49	3.43	4.69	6.83	9.41	15.2	26.8	46.8	76.7	117	173	239	313	372	408	423	421	413
10	2.12	2.48	3.38	4.57	6.57	8.94	14.0	24.1	41.3	67.3	103	150	209	275	336	383	410	420	419
20	2.12	2.46	3.29	4.32	6.01	8.00	11.8	19.2	31.6	50.2	75.9	109	150	197	245	293	330	352	360
30	2.12	2.43	3.14	3.97	5.26	6.95	9.29	13.5	20.8	31.7	46.7	65.7	87.8	113	145	175	199	216	223
40	2.12	2.37	2.90	3.59	4.51	5.82	7.18	9.27	12.5	17.5	24.2	32.5	43.2	56.2	70.1	83.3	94.6	103	106
50	2.12	2.29	2.65	3.22	3.79	4.56	5.55	6.56	7.81	9.46	11.6	14.5	18.4	22.7	27.4	31.8	35.6	38.3	39.6
60	2.12	2.23	2.46	2.81	3.19	3.58	4.07	4.61	5.22	5.80	6.43	7.35	8.33	9.34	10.3	11.3	12.1	12.7	12.9
70	2.12	2.19	2.30	2.46	2.65	2.87	3.05	3.24	3.44	3.66	3.94	4.26	4.59	4.90	5.19	5.45	5.65	5.80	5.89
80	2.12	2.16	2.19	2.23	2.29	2.36	2.40	2.45	2.50	2.53	2.58	2.62	2.67	2.72	2.76	2.80	2.82	2.83	2.84
90	2.12	2.12	2.12	2.12	2.12	2.12	2.12	2.12	2.12	2.12	2.11	2.11	2.10	2.09	2.09	2.08	2.08	2.07	2.06
100	2.12	2.08	2.05	2.02	2.01	1.99	1.97	1.96	1.95	1.95	1.94	1.93	1.93	1.93	1.93	1.93	1.94	1.94	1.94
110	2.12	2.05	2.00	1.97	1.94	1.93	1.93	1.92	1.92	1.92	1.92	1.94	1.96	1.98	2.01	2.04	2.06	2.08	2.10
120	2.12	2.02	1.97	1.94	1.93	1.93	1.93	1.94	1.97	2.01	2.07	2.14	2.20	2.27	2.33	2.39	2.43	2.47	2.49
130	2.12	2.01	1.94	1.93	1.93	1.95	1.99	2.05	2.15	2.23	2.33	2.44	2.56	2.67	2.77	2.86	2.93	2.98	3.02
140	2.12	2.00	1.93	1.93	1.95	2.00	2.09	2.21	2.34	2.49	2.64	2.80	2.95	3.10	3.23	3.34	3.42	3.48	3.51
150	2.12	1.98	1.93	1.94	1.98	2.07	2.20	2.36	2.54	2.74	2.93	3.13	3.31	3.47	3.61	3.72	3.80	3.85	3.89
160	2.12	1.97	1.93	1.95	2.01	2.13	2.30	2.49	2.70	2.93	3.15	3.37	3.56	3.72	3.83	3.94	4.01	4.07	4.11
170	2.12	1.97	1.93	1.96	2.04	2.18	2.35	2.57	2.81	3.05	3.29	3.52	3.71	3.86	3.96	4.02	4.03	4.06	4.11
180	2.12	1.96	1.93	1.96	2.05	2.20	2.38	2.60	2.84	3.08	3.33	3.55	3.75	3.91	4.00	4.03	4.02	4.03	3.95

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-1800K-65D-Rev1	TYPE:1800K	WEIGHT:
SPEC.:65 DEG	DIM.:600MM	SERIAL No.:IES003013
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	3.69	3.40	3.10	2.78	2.45	2.13	1.83	1.56	1.29	1.09	0.92	0.79	0.69	0.61	0.55	0.51	0.48	0.47	
-170	3.22	3.06	2.84	2.59	2.31	2.03	1.75	1.49	1.26	1.07	0.91	0.78	0.69	0.61	0.55	0.51	0.48	0.47	
-160	2.61	2.53	2.39	2.22	2.01	1.78	1.56	1.34	1.15	0.99	0.86	0.75	0.67	0.60	0.55	0.51	0.47	0.47	
-150	2.03	1.97	1.89	1.76	1.62	1.46	1.30	1.15	1.02	0.89	0.79	0.70	0.63	0.58	0.54	0.50	0.47	0.47	
-140	1.51	1.47	1.42	1.34	1.25	1.15	1.05	0.96	0.87	0.79	0.72	0.66	0.61	0.56	0.53	0.50	0.47	0.47	
-130	1.08	1.07	1.03	0.99	0.94	0.89	0.84	0.79	0.74	0.69	0.65	0.61	0.57	0.55	0.52	0.49	0.47	0.47	
-120	0.78	0.77	0.76	0.74	0.73	0.71	0.69	0.67	0.65	0.62	0.59	0.57	0.55	0.53	0.51	0.49	0.47	0.47	
-110	0.60	0.60	0.60	0.60	0.60	0.59	0.59	0.59	0.58	0.57	0.55	0.54	0.52	0.51	0.49	0.48	0.47	0.47	
-100	0.51	0.51	0.52	0.52	0.53	0.53	0.53	0.53	0.54	0.53	0.52	0.51	0.50	0.49	0.48	0.47	0.47	0.47	
-90	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.48	0.48	0.48	0.48	0.47	0.47	0.47	
-80	1.48	1.41	1.33	1.24	1.15	1.05	0.95	0.85	0.76	0.72	0.68	0.62	0.58	0.54	0.51	0.49	0.47	0.47	
-70	4.57	4.29	3.97	3.61	3.24	2.86	2.48	2.11	1.81	1.57	1.35	1.15	0.98	0.85	0.67	0.55	0.49	0.47	
-60	16.3	14.9	13.1	11.1	9.17	7.36	5.78	4.53	3.68	3.09	2.51	1.95	1.52	1.19	0.96	0.67	0.52	0.47	
-50	55.4	50.4	44.1	36.9	29.4	22.4	16.2	11.3	7.73	5.42	4.01	3.22	2.30	1.63	1.17	0.87	0.54	0.47	
-40	138	125	109	90.5	72.0	54.7	39.5	27.0	17.3	10.5	6.40	4.33	3.34	2.17	1.44	1.00	0.58	0.47	
-30	262	239	208	173	136	104	75.8	51.8	32.8	19.2	10.5	5.87	3.91	2.88	1.69	1.08	0.61	0.47	
-20	364	344	312	265	216	166	119	80.4	50.7	29.3	15.5	7.73	4.60	3.41	1.92	1.17	0.65	0.47	
-10	397	386	366	332	281	219	158	104	65.0	37.4	19.4	9.32	5.03	3.61	2.09	1.24	0.68	0.47	
0	407	397	377	348	303	239	173	114	69.7	39.7	20.5	9.73	5.11	3.68	2.16	1.26	0.69	0.47	
10	411	396	372	335	284	221	158	103	63.7	36.5	19.0	9.37	5.24	3.80	2.21	1.31	0.72	0.47	
20	354	337	310	272	221	167	117	77.4	48.3	27.9	15.0	7.98	5.03	3.76	2.15	1.31	0.72	0.47	
30	223	212	192	165	133	99.6	70.9	47.8	30.2	18.1	10.6	6.51	4.57	3.37	2.02	1.28	0.71	0.47	
40	105	99.4	89.4	76.3	62.0	47.7	34.9	24.2	16.3	10.8	7.30	5.32	4.17	2.77	1.85	1.27	0.71	0.47	
50	38.9	36.5	32.9	28.4	23.6	19.1	15.0	11.6	8.87	6.90	5.42	4.40	3.21	2.29	1.64	1.18	0.69	0.47	
60	12.7	12.2	11.4	10.5	9.51	8.54	7.60	6.70	5.74	4.87	3.99	3.13	2.45	1.90	1.49	1.02	0.69	0.47	
70	5.84	5.72	5.54	5.31	5.04	4.74	4.42	4.10	3.70	3.20	2.74	2.32	1.94	1.62	1.24	0.92	0.67	0.47	
80	2.85	2.84	2.83	2.80	2.77	2.73	2.68	2.64	2.58	2.34	2.09	1.82	1.57	1.32	1.10	0.87	0.66	0.47	
90	2.08	2.09	2.10	2.11	2.12	2.13	2.14	2.16	2.17	1.98	1.79	1.60	1.41	1.22	1.04	0.85	0.66	0.47	
100	1.95	1.95	1.95	1.96	1.97	1.97	1.98	1.99	1.99	1.83	1.66	1.50	1.34	1.17	1.00	0.82	0.65	0.47	
110	2.09	2.09	2.07	2.06	2.04	2.02	2.00	1.99	1.93	1.77	1.60	1.44	1.28	1.13	0.97	0.80	0.64	0.47	
120	2.48	2.46	2.42	2.38	2.33	2.28	2.22	2.16	1.97	1.76	1.56	1.40	1.24	1.08	0.93	0.78	0.62	0.47	
130	2.99	2.95	2.89	2.82	2.73	2.63	2.53	2.34	2.06	1.80	1.57	1.37	1.18	1.03	0.89	0.74	0.60	0.47	
140	3.48	3.43	3.36	3.26	3.14	3.01	2.77	2.42	2.11	1.82	1.56	1.33	1.14	0.97	0.84	0.71	0.58	0.47	
150	3.85	3.79	3.71	3.61	3.48	3.17	2.78	2.42	2.08	1.77	1.50	1.26	1.06	0.90	0.78	0.67	0.56	0.47	
160	4.05	3.97	3.89	3.75	3.39	3.02	2.64	2.26	1.93	1.63	1.37	1.15	0.97	0.82	0.72	0.62	0.53	0.47	
170	4.03	3.96	3.67	3.35	3.01	2.67	2.32	1.98	1.67	1.41	1.18	0.99	0.84	0.72	0.63	0.57	0.51	0.47	
180	3.69	3.40	3.10	2.78	2.45	2.13	1.83	1.56	1.29	1.09	0.92	0.79	0.69	0.61	0.55	0.51	0.48	0.47	

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: