

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)	897.0 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
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Beam Spread	At 10% of Imax	99.8V x 97.9H
	At 50% of Imax	62.2V x 60.8H
	At 90% of Imax	32.0V x 30.0H

Beam Flux	Total	1000.0 lumens per klm.
	To 10% of Imax	905.5 lumens per klm.
	To 50% of Imax	611.7 lumens per klm.
	To 90% of Imax	192.3 lumens per klm.

Upward LOR	2.3 %
Downward LOR	97.7 %

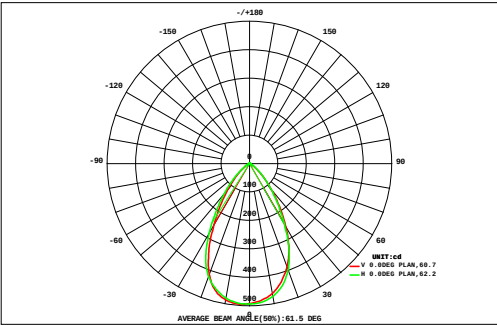
Luminaire Efficiency(Light Output Ratio)	100.0 %
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H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:
Test Date:2024-09-29

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-4000K-65D-Rev2	TYPE:4000K	WEIGHT:
SPEC.:65 DEG	DIM.:600MM	SERIAL No.:IES00306
MFR.:	SUR.:1	Shielding Angle:



DATA OF LAMP		Eff:62.05lm/W	
MODEL		Imax(cd)	495.4
NOMINAL POWER(W)	8.9	AVAILABILITY(%)	90.5
RATED VOLTAGE(V)	24	Avai. FLUX(lm)	499.8
NOMINAL FLUX(lm)	552.3	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	552.3
TEST VOLTAGE(V)	24	q @50%(H,V)	61,62DEG

AREA FLUX DIAGRAM																	UNIT:lm			F t	F a
VERTICAL (DEG)	72	0.02	0.03	0.05	0.07	0.08	0.10	0.12	0.14	0.15	0.15	0.14	0.12	0.10	0.08	0.06	0.04	0.03	0.01	1.51	0.00
	64	0.03	0.04	0.07	0.09	0.13	0.18	0.23	0.27	0.30	0.29	0.26	0.21	0.17	0.12	0.09	0.06	0.03	0.02	2.59	0.00
	56	0.03	0.06	0.09	0.14	0.23	0.36	0.51	0.65	0.72	0.71	0.60	0.46	0.32	0.20	0.12	0.07	0.04	0.02	5.34	0.28
	48	0.04	0.07	0.12	0.24	0.46	0.78	1.14	1.46	1.62	1.58	1.33	0.99	0.64	0.37	0.20	0.10	0.05	0.02	11.2	7.99
	40	0.04	0.08	0.18	0.40	0.84	1.49	2.23	2.87	3.17	3.05	2.55	1.86	1.18	0.68	0.33	0.14	0.06	0.03	21.2	19.1
	32	0.05	0.10	0.25	0.62	1.34	2.49	3.83	4.88	5.40	5.20	4.31	3.09	1.96	1.12	0.54	0.21	0.07	0.03	35.5	33.9
	24	0.05	0.12	0.33	0.86	1.91	3.58	5.54	6.97	7.63	7.43	6.30	4.59	2.99	1.66	0.78	0.29	0.09	0.03	51.2	49.9
		0.06	0.14	0.40	1.06	2.38	4.45	6.77	8.30	8.93	8.79	7.78	6.06	4.02	2.21	1.00	0.36	0.10	0.03	62.8	61.7
		0.06	0.15	0.44	1.17	2.62	4.91	7.42	8.94	9.49	9.31	8.48	6.88	4.72	2.60	1.16	0.41	0.11	0.03	68.9	67.8
		0.06	0.14	0.44	1.16	2.59	4.88	7.42	9.00	9.51	9.37	8.55	7.07	4.94	2.72	1.20	0.42	0.11	0.03	69.6	68.6
		0.05	0.13	0.39	1.04	2.31	4.32	6.72	8.42	9.10	8.97	8.20	6.79	4.63	2.51	1.11	0.39	0.10	0.03	65.2	64.1
	-24	0.05	0.11	0.32	0.83	1.82	3.38	5.34	7.10	8.01	8.03	7.30	5.88	3.83	2.05	0.91	0.32	0.09	0.03	55.4	54.2
-32	0.04	0.09	0.23	0.59	1.27	2.32	3.69	5.06	5.98	6.10	5.43	4.20	2.74	1.47	0.65	0.23	0.07	0.03	40.2	38.8	
-40	0.04	0.07	0.15	0.36	0.77	1.40	2.23	3.05	3.62	3.71	3.28	2.53	1.68	0.92	0.41	0.15	0.05	0.02	24.4	22.6	
-48	0.03	0.05	0.10	0.20	0.40	0.73	1.15	1.57	1.86	1.90	1.68	1.30	0.86	0.48	0.22	0.09	0.04	0.02	12.7	10.0	
-56	0.02	0.04	0.06	0.10	0.18	0.32	0.50	0.67	0.79	0.81	0.71	0.55	0.37	0.21	0.11	0.05	0.03	0.01	5.54	0.84	
-64	0.02	0.03	0.04	0.05	0.08	0.13	0.18	0.24	0.28	0.28	0.25	0.19	0.14	0.09	0.05	0.03	0.02	0.01	2.11	0.00	
-72	0.02	0.02	0.02	0.03	0.04	0.06	0.07	0.09	0.10	0.10	0.09	0.08	0.06	0.04	0.03	0.02	0.01	0.01	0.90	0.00	
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL(DEG)				16	24	32	40	48	56	64	72	
F t	0.70	1.48	3.70	9.02	19.4	35.9	55.1	69.7	76.7	75.8	67.3	52.9	35.3	19.6	8.96	3.37	1.09	0.41	536	---	
F a	0.00	0.00	0.19	6.21	17.2	33.8	53.1	67.8	74.7	73.8	65.3	50.9	33.2	17.2	6.15	0.14	0.00	0.00	---	500	

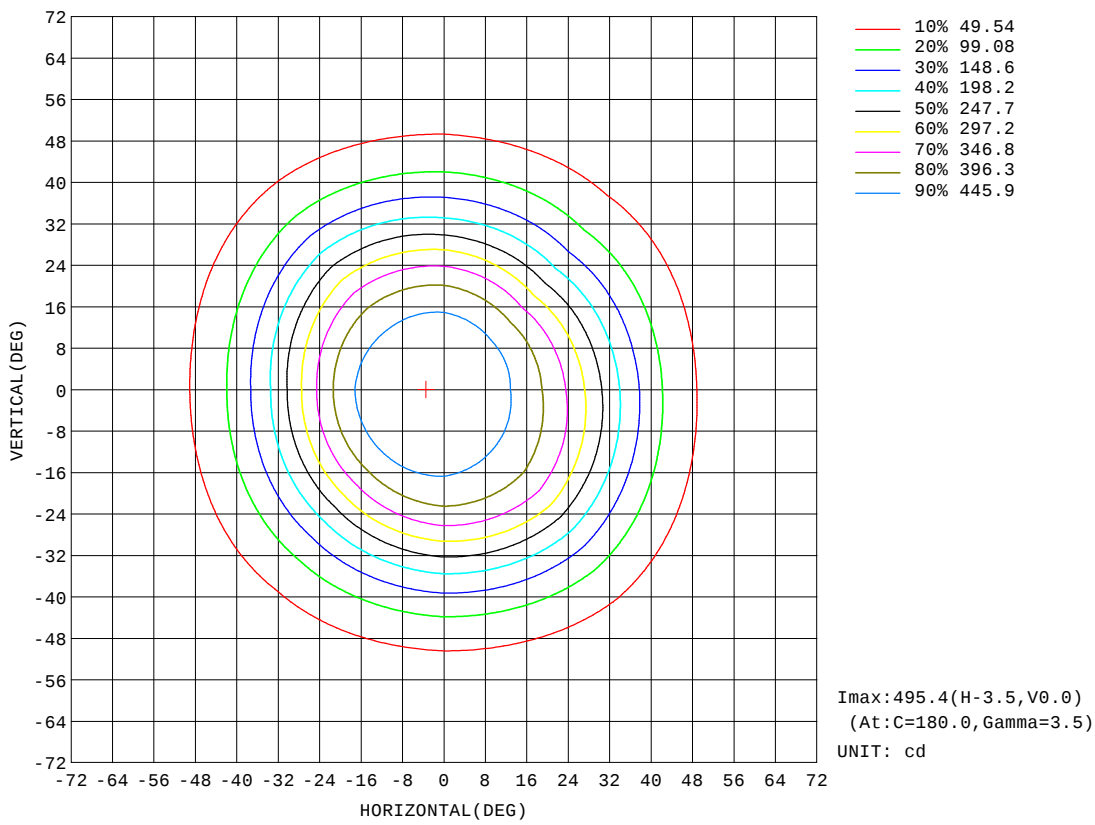
one-half-peak spread: U:29.5,D:30.5 , L:26.9,R:34.1 NEMA Beam Type: Type 5

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:

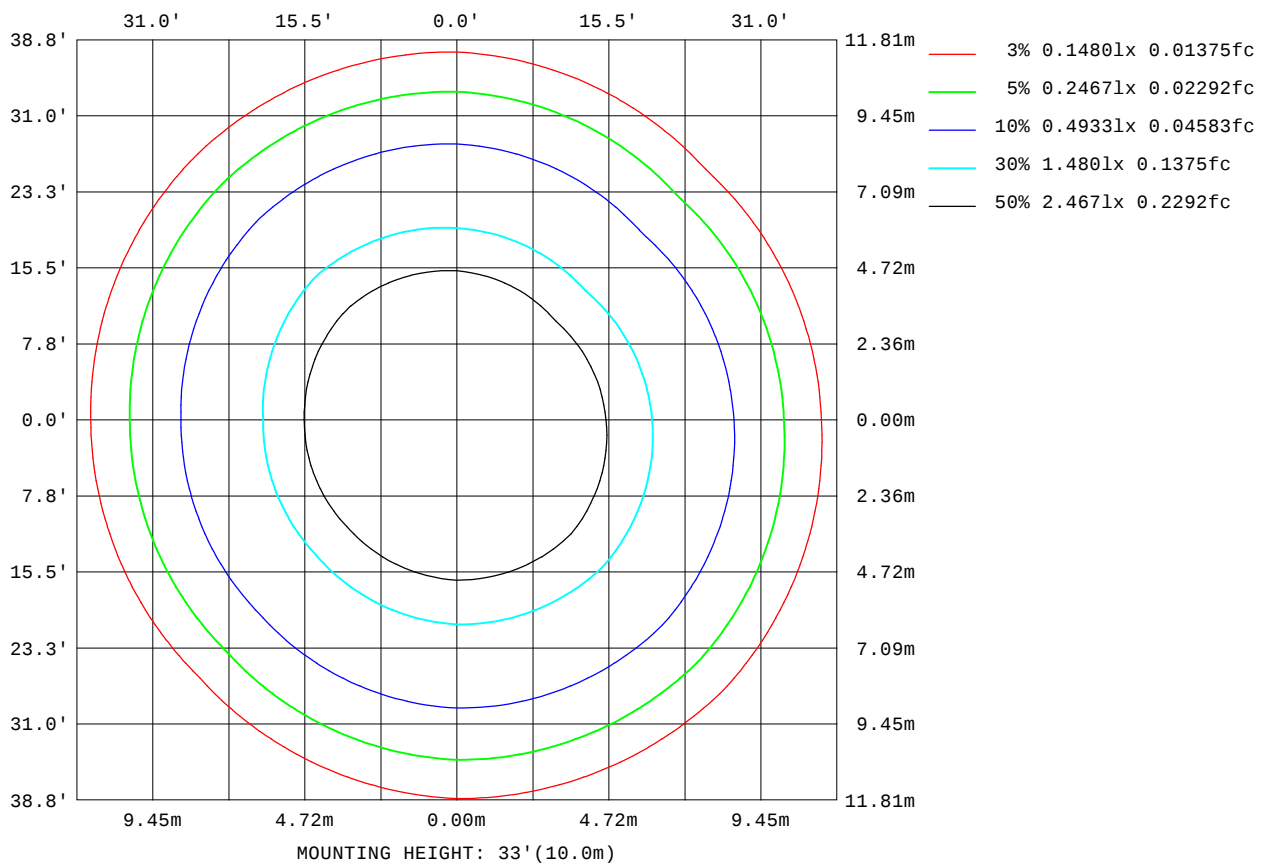
ISOCANDELA DIAGRAM

NAME:BlazeLine Slim-600mm-TW-4000K-65D-Rev2	TYPE:4000K	WEIGHT:
SPEC.:65 DEG	DIM.:600MM	SERIAL No.:IES00306
MFR.:	SUR.:1	Shielding Angle:



H _(b) Range:-90 - 90DEG	V(B) Range:-180 - 180DEG
H _(b) Interval: 0.5DEG	V(B) Interval: 0.5DEG
Test Speed: LOW	Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.351
Temperature:25.3DEG	Humidity:65.0%
Operators:	Test Distance:8.630m [K=1.0000]
Test Date:2024-09-29	Remarks:

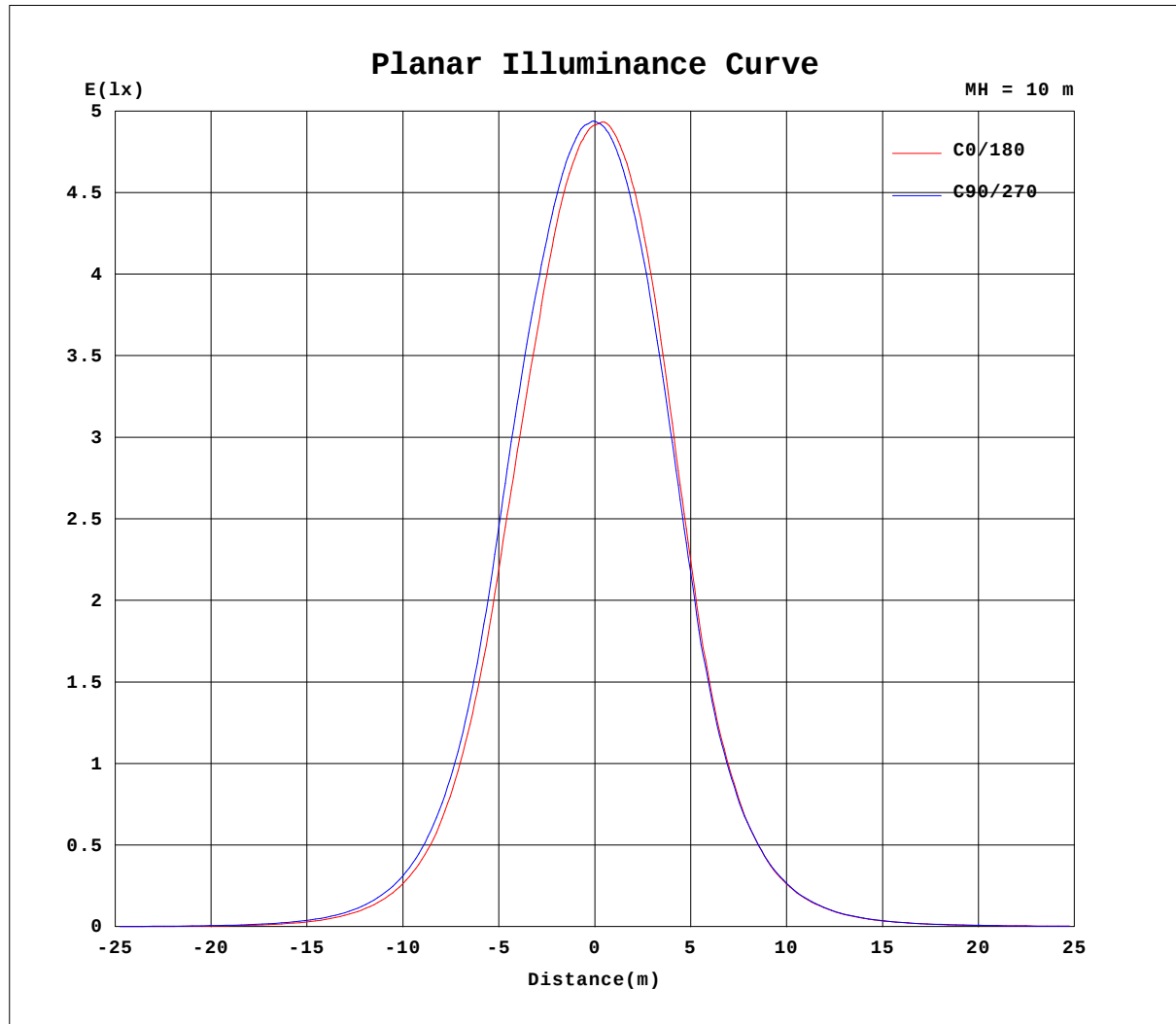
ISOLUX DIAGRAM



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

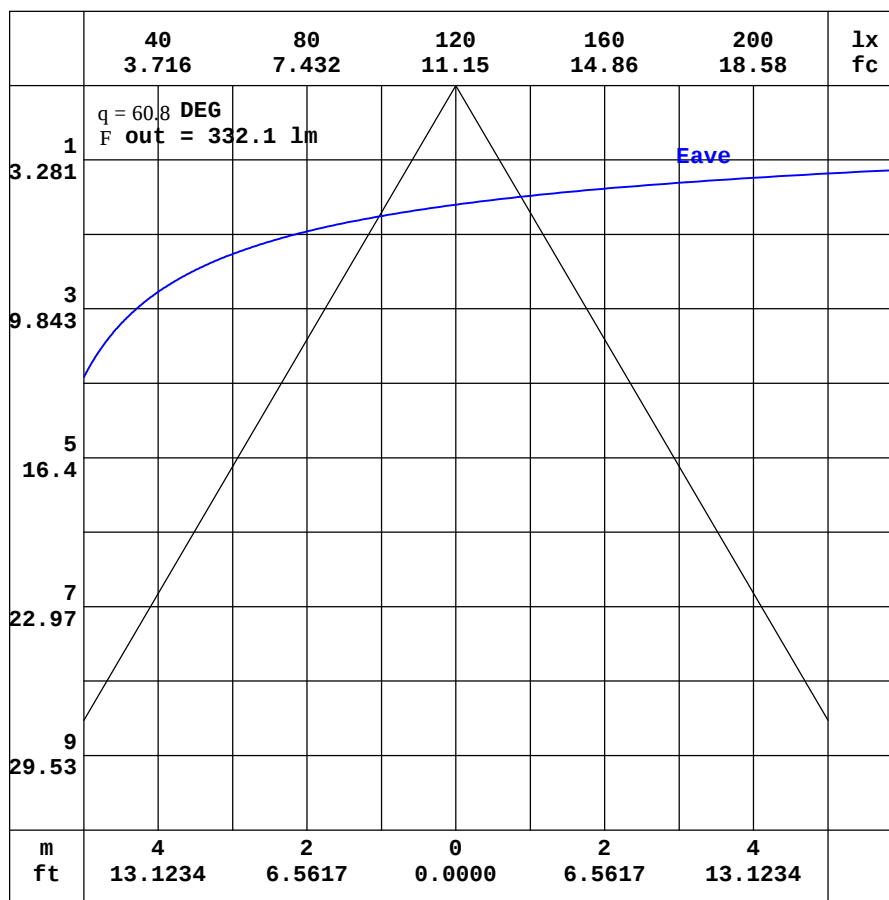


H_b Range: -90 - 90DEG
H_b Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators:
Test Date: 2024-09-29

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-4000K-65D-Rev2	TYPE:4000K	WEIGHT:
SPEC.:65 DEG	DIM.:600MM	SERIAL No.:IES00306
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-4000K-65D-Rev2	TYPE:4000K	WEIGHT:
SPEC.:65 DEG	DIM.:600MM	SERIAL No.:IES00306
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	2.25	2.09	2.07	2.09	2.20	2.37	2.59	2.84	3.10	3.38	3.65	3.89	4.10	4.25	4.34	4.34	4.33	4.31	4.25
-170	2.25	2.06	2.01	2.01	2.07	2.19	2.35	2.52	2.71	2.89	3.06	3.21	3.33	3.39	3.41	3.36	3.28	3.48	3.58
-160	2.25	2.04	1.96	1.92	1.93	1.99	2.08	2.18	2.27	2.37	2.44	2.49	2.50	2.48	2.41	2.55	2.73	2.85	2.90
-150	2.25	2.02	1.90	1.83	1.80	1.80	1.81	1.83	1.85	1.85	1.84	1.80	1.72	1.71	1.87	2.02	2.14	2.21	2.24
-140	2.25	2.01	1.86	1.76	1.67	1.62	1.58	1.53	1.48	1.41	1.32	1.21	1.21	1.32	1.43	1.52	1.60	1.64	1.67
-130	2.25	2.00	1.82	1.69	1.57	1.48	1.38	1.29	1.19	1.08	0.94	0.89	0.95	1.01	1.06	1.11	1.15	1.19	1.21
-120	2.25	2.00	1.80	1.64	1.50	1.36	1.24	1.11	0.98	0.85	0.73	0.75	0.77	0.79	0.81	0.83	0.85	0.86	0.86
-110	2.25	2.01	1.81	1.61	1.45	1.30	1.15	1.00	0.85	0.70	0.65	0.66	0.67	0.67	0.67	0.67	0.67	0.67	0.67
-100	2.25	2.03	1.82	1.63	1.45	1.27	1.10	0.93	0.77	0.61	0.60	0.59	0.59	0.58	0.58	0.58	0.57	0.57	0.57
-90	2.25	2.06	1.87	1.68	1.49	1.30	1.11	0.92	0.73	0.54	0.54	0.54	0.53	0.53	0.53	0.53	0.52	0.52	0.52
-80	2.25	2.09	1.93	1.77	1.62	1.46	1.26	1.09	0.90	0.70	0.75	0.83	0.92	1.01	1.09	1.18	1.26	1.32	1.38
-70	2.25	2.14	2.06	1.99	1.98	2.00	1.93	1.86	1.79	1.71	1.88	2.22	2.57	2.92	3.26	3.57	3.85	4.09	4.26
-60	2.25	2.19	2.23	2.41	2.59	2.73	2.94	3.17	3.42	3.65	4.06	5.13	6.40	7.87	9.41	11.0	12.4	13.5	14.1
-50	2.25	2.27	2.49	2.90	3.24	3.75	4.44	5.10	6.07	7.75	10.4	14.5	20.0	26.3	33.1	39.8	45.5	49.9	52.3
-40	2.25	2.39	2.81	3.36	4.05	5.10	6.13	7.96	11.4	17.4	26.0	37.5	52.3	69.6	87.9	106	122	134	140
-30	2.25	2.47	3.14	3.81	4.93	6.35	8.33	12.5	20.6	33.4	51.9	76.0	106	141	179	217	249	273	286
-20	2.25	2.53	3.36	4.27	5.84	7.53	10.8	18.4	31.7	52.6	82.3	123	174	230	294	349	390	413	422
-10	2.25	2.59	3.53	4.65	6.55	8.59	13.0	23.1	41.1	68.6	109	164	230	312	384	436	467	478	480
0	2.25	2.64	3.66	4.90	7.00	9.24	14.2	25.5	45.1	74.7	119	179	252	340	414	462	486	495	492
10	2.25	2.63	3.62	4.80	6.80	8.94	13.4	23.7	41.8	69.9	111	168	237	316	385	432	457	471	473
20	2.25	2.61	3.53	4.57	6.32	8.20	11.7	19.4	33.2	54.8	85.8	129	184	245	306	350	379	395	397
30	2.25	2.58	3.38	4.23	5.59	7.28	9.58	14.0	22.5	35.8	55.4	81.1	113	151	185	214	235	246	245
40	2.25	2.53	3.12	3.87	4.83	6.22	7.63	9.85	13.6	20.0	29.3	41.6	56.5	72.1	87.5	101	112	118	119
50	2.25	2.44	2.85	3.48	4.09	4.94	6.03	7.12	8.56	10.7	13.7	17.8	22.8	28.3	33.7	38.5	42.6	45.1	45.8
60	2.25	2.37	2.63	3.03	3.47	3.90	4.46	5.12	5.83	6.51	7.34	8.38	9.54	10.8	12.1	13.1	14.0	14.6	14.8
70	2.25	2.33	2.47	2.64	2.88	3.15	3.36	3.60	3.86	4.16	4.50	4.87	5.23	5.57	5.90	6.19	6.42	6.58	6.68
80	2.25	2.29	2.34	2.40	2.48	2.57	2.63	2.69	2.76	2.82	2.87	2.93	3.00	3.05	3.10	3.15	3.18	3.21	3.21
90	2.25	2.26	2.27	2.28	2.28	2.29	2.30	2.31	2.32	2.33	2.32	2.31	2.30	2.29	2.28	2.27	2.26	2.25	2.24
100	2.25	2.22	2.20	2.18	2.16	2.14	2.14	2.13	2.12	2.12	2.11	2.10	2.09	2.08	2.07	2.07	2.07	2.06	2.06
110	2.25	2.19	2.15	2.11	2.09	2.09	2.08	2.08	2.08	2.09	2.09	2.09	2.09	2.11	2.14	2.15	2.17	2.19	2.20
120	2.25	2.16	2.10	2.08	2.08	2.08	2.09	2.10	2.15	2.20	2.25	2.32	2.38	2.44	2.49	2.54	2.57	2.60	2.61
130	2.25	2.14	2.08	2.07	2.08	2.10	2.16	2.24	2.33	2.44	2.55	2.66	2.78	2.88	2.98	3.06	3.13	3.17	3.20
140	2.25	2.13	2.07	2.07	2.09	2.16	2.27	2.40	2.55	2.72	2.88	3.05	3.21	3.36	3.49	3.59	3.67	3.73	3.76
150	2.25	2.11	2.07	2.08	2.13	2.24	2.39	2.57	2.78	2.99	3.20	3.40	3.58	3.73	3.88	3.99	4.08	4.15	4.19
160	2.25	2.10	2.07	2.08	2.16	2.30	2.49	2.72	2.95	3.20	3.44	3.67	3.86	4.01	4.11	4.20	4.30	4.36	4.41
170	2.25	2.09	2.07	2.09	2.19	2.35	2.56	2.80	3.07	3.34	3.59	3.83	4.03	4.17	4.27	4.31	4.31	4.35	4.41
180	2.25	2.09	2.07	2.09	2.20	2.37	2.59	2.84	3.10	3.38	3.65	3.89	4.10	4.25	4.34	4.34	4.33	4.31	4.26

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-4000K-65D-Rev2	TYPE:4000K	WEIGHT:
SPEC.:65 DEG	DIM.:600MM	SERIAL No.:IES00306
MFR.:	SUR.:1	Shielding Angle:

Table--2

UNIT: cd

H(°)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
V(°)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
-180	3.91	3.60	3.27	2.91	2.56	2.23	1.91	1.61	1.34	1.13	0.95	0.82	0.72	0.65	0.59	0.56	0.51	0.50
-170	3.49	3.29	3.03	2.74	2.45	2.15	1.85	1.56	1.31	1.12	0.95	0.81	0.72	0.65	0.59	0.56	0.51	0.50
-160	2.86	2.74	2.58	2.38	2.16	1.91	1.67	1.43	1.23	1.06	0.91	0.79	0.71	0.64	0.59	0.56	0.51	0.50
-150	2.22	2.16	2.06	1.93	1.77	1.61	1.43	1.26	1.10	0.97	0.85	0.76	0.69	0.64	0.59	0.56	0.51	0.50
-140	1.66	1.62	1.56	1.48	1.39	1.29	1.18	1.07	0.96	0.86	0.78	0.72	0.66	0.61	0.58	0.54	0.51	0.50
-130	1.20	1.18	1.15	1.11	1.06	1.01	0.95	0.89	0.83	0.76	0.71	0.67	0.62	0.60	0.57	0.54	0.51	0.50
-120	0.87	0.87	0.85	0.84	0.82	0.80	0.77	0.76	0.72	0.68	0.65	0.62	0.60	0.59	0.55	0.52	0.51	0.50
-110	0.67	0.68	0.68	0.67	0.67	0.67	0.66	0.65	0.64	0.63	0.61	0.61	0.59	0.56	0.53	0.52	0.51	0.50
-100	0.57	0.58	0.58	0.59	0.60	0.61	0.61	0.61	0.61	0.59	0.58	0.56	0.54	0.53	0.52	0.51	0.51	0.50
-90	0.52	0.52	0.53	0.53	0.53	0.53	0.54	0.54	0.54	0.54	0.53	0.53	0.52	0.52	0.52	0.51	0.51	0.50
-80	1.34	1.28	1.22	1.14	1.06	0.98	0.90	0.82	0.74	0.72	0.69	0.64	0.59	0.56	0.53	0.52	0.51	0.50
-70	4.12	3.93	3.68	3.38	3.07	2.74	2.39	2.06	1.76	1.53	1.33	1.14	0.99	0.88	0.69	0.57	0.51	0.50
-60	13.7	12.8	11.6	10.0	8.50	6.98	5.62	4.48	3.64	3.03	2.45	1.93	1.52	1.20	0.99	0.69	0.52	0.50
-50	51.3	48.1	43.4	37.1	30.3	23.3	17.0	11.8	7.90	5.45	4.00	3.15	2.26	1.63	1.19	0.92	0.56	0.50
-40	138	130	117	100	81.9	63.3	45.6	30.4	18.8	11.0	6.51	4.35	3.26	2.14	1.46	1.05	0.60	0.50
-30	282	265	238	205	167	126	89.6	59.7	36.9	20.9	11.1	5.98	3.93	2.79	1.71	1.12	0.64	0.50
-20	414	396	368	325	262	197	139	92.3	57.2	32.5	16.7	8.12	4.66	3.32	1.93	1.21	0.68	0.50
-10	468	449	421	380	321	248	176	116	72.0	41.2	21.1	9.83	5.12	3.57	2.08	1.28	0.71	0.50
0	482	464	430	386	329	254	184	121	75.0	43.2	22.2	10.4	5.22	3.66	2.14	1.32	0.72	0.50
10	462	438	400	349	286	220	158	105	66.4	38.6	20.3	9.84	5.35	3.78	2.21	1.37	0.75	0.50
20	382	351	303	250	202	155	112	76.8	49.2	29.0	15.8	8.37	5.15	3.72	2.19	1.37	0.75	0.50
30	234	212	182	150	116	89.9	67.0	46.8	30.6	18.7	11.0	6.72	4.68	3.35	2.08	1.35	0.75	0.50
40	113	103	88.9	74.4	59.5	45.2	33.5	24.0	16.5	11.1	7.53	5.49	4.21	2.82	1.93	1.34	0.74	0.50
50	43.7	40.0	35.2	29.9	24.5	19.4	15.1	11.8	9.14	7.15	5.62	4.50	3.29	2.39	1.72	1.26	0.72	0.50
60	14.4	13.5	12.5	11.4	10.2	9.04	7.99	7.00	5.98	5.07	4.14	3.26	2.58	2.01	1.57	1.07	0.70	0.50
70	6.56	6.37	6.11	5.81	5.47	5.12	4.75	4.36	3.91	3.39	2.90	2.45	2.05	1.72	1.31	0.96	0.70	0.50
80	3.20	3.17	3.12	3.07	3.01	2.94	2.87	2.81	2.73	2.47	2.21	1.93	1.66	1.39	1.14	0.92	0.70	0.50
90	2.25	2.25	2.26	2.26	2.27	2.27	2.28	2.28	2.29	2.09	1.89	1.69	1.49	1.30	1.10	0.90	0.70	0.50
100	2.06	2.06	2.06	2.06	2.07	2.07	2.08	2.09	2.08	1.92	1.75	1.57	1.41	1.23	1.06	0.88	0.69	0.50
110	2.19	2.18	2.16	2.13	2.11	2.09	2.07	2.06	2.00	1.84	1.67	1.51	1.35	1.19	1.02	0.85	0.68	0.50
120	2.59	2.56	2.52	2.47	2.41	2.35	2.28	2.24	2.01	1.80	1.62	1.46	1.30	1.14	0.98	0.82	0.66	0.50
130	3.17	3.12	3.06	2.97	2.86	2.75	2.63	2.41	2.11	1.85	1.65	1.41	1.24	1.09	0.94	0.79	0.64	0.50
140	3.74	3.69	3.61	3.50	3.37	3.20	2.93	2.54	2.19	1.87	1.61	1.39	1.18	1.02	0.89	0.75	0.62	0.50
150	4.17	4.12	4.04	3.93	3.78	3.43	2.98	2.56	2.18	1.83	1.54	1.30	1.12	0.96	0.83	0.72	0.59	0.50
160	4.39	4.35	4.29	4.14	3.71	3.27	2.83	2.40	2.03	1.70	1.42	1.18	1.01	0.86	0.76	0.67	0.57	0.50
170	4.39	4.36	4.01	3.64	3.26	2.86	2.47	2.09	1.74	1.46	1.22	1.02	0.87	0.77	0.68	0.62	0.54	0.50
180	3.91	3.60	3.27	2.91	2.56	2.23	1.91	1.61	1.34	1.13	0.95	0.82	0.72	0.65	0.59	0.56	0.51	0.50

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: