

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	3979.2 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	87.1V x 86.3H
	At 50% of Imax	47.7V x 47.4H
	At 90% of Imax	18.1V x 18.2H

Beam Flux	Total	3056.2 lumens per klm.
	To 10% of Imax	2690.7 lumens per klm.
	To 50% of Imax	1512.4 lumens per klm.
	To 90% of Imax	282.2 lumens per klm.

Upward LOR	7.0 %
Downward LOR	298.6 %

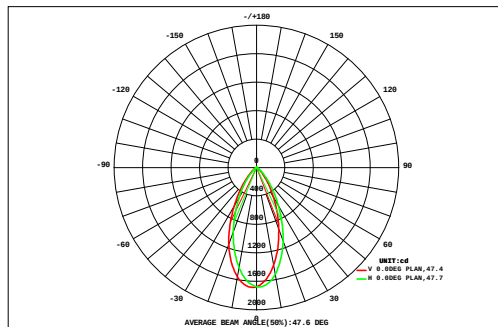
Luminaire Efficiency(Light Output Ratio)	305.6 %
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H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-09-06

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-RGBW DS-ALL-50D-Rev1	TYPE:RGBW-DS W=3000K	WEIGHT:
SPEC.:50 DEG	DIM.:600MM	SERIAL No.:IES001647
MFR.:	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:53.06lm/W	
MODEL		Imax(cd)	1691
NOMINAL POWER(W)	24.48	AVAILABILITY(%)	269.0
RATED VOLTAGE(V)	24	Avai. FLUX(lm)	1143
NOMINAL FLUX(lm)	425	LOR(%)	305.6
LAMPS INSIDE	1	TOTAL FLUX(lm)	1299
TEST VOLTAGE(V)	24	q @50%(H,V)	47,48DEG

		AREA FLUX DIAGRAM																UNIT:lm				F t	F a
		0.05	0.08	0.11	0.15	0.19	0.23	0.27	0.30	0.31	0.30	0.29	0.25	0.21	0.17	0.13	0.10	0.07	0.04	3.25	0.00		
VERTICAL (DEG)	72	0.06	0.10	0.15	0.21	0.29	0.39	0.48	0.56	0.60	0.59	0.53	0.45	0.35	0.26	0.19	0.13	0.08	0.04	5.47	0.00		
	64	0.07	0.12	0.20	0.31	0.49	0.76	1.09	1.36	1.51	1.47	1.27	0.97	0.67	0.43	0.27	0.17	0.10	0.05	11.3	0.00		
	56	0.08	0.15	0.27	0.50	0.95	1.68	2.55	3.30	3.70	3.59	3.01	2.21	1.40	0.78	0.41	0.22	0.11	0.05	25.0	9.54		
	48	0.10	0.19	0.37	0.84	1.81	3.34	5.24	6.88	7.69	7.38	6.11	4.35	2.66	1.40	0.64	0.29	0.13	0.06	49.5	41.2		
	40	0.11	0.22	0.52	1.34	3.05	5.75	9.19	12.3	13.8	13.2	10.7	7.45	4.41	2.26	0.98	0.37	0.15	0.06	85.9	79.8		
	32	0.12	0.26	0.70	1.91	4.44	8.55	13.9	19.0	21.3	20.2	16.3	11.1	6.38	3.21	1.36	0.48	0.16	0.06	129	124		
	24	0.13	0.29	0.85	2.38	5.63	11.1	18.3	24.8	28.1	26.6	21.1	14.3	8.27	4.06	1.69	0.56	0.17	0.06	168	164		
	-24	0.13	0.31	0.93	2.63	6.30	12.5	20.6	28.0	32.0	30.1	24.1	16.5	9.47	4.53	1.86	0.60	0.17	0.06	191	187		
		0.13	0.30	0.91	2.57	6.17	12.3	20.2	27.3	30.9	29.7	23.9	16.3	9.36	4.46	1.82	0.58	0.16	0.06	187	183		
		0.11	0.26	0.78	2.21	5.28	10.4	17.0	22.9	25.9	24.7	19.9	13.7	7.95	3.85	1.57	0.51	0.15	0.05	157	153		
		0.10	0.21	0.59	1.67	3.94	7.62	12.2	16.4	18.6	17.8	14.3	9.96	5.84	2.88	1.19	0.39	0.12	0.05	114	109		
		-32	0.08	0.16	0.39	1.08	2.52	4.77	7.48	9.99	11.4	10.9	8.85	6.20	3.72	1.88	0.78	0.27	0.10	0.04	70.6	64.3	
		-40	0.07	0.12	0.24	0.59	1.37	2.56	3.96	5.25	5.96	5.75	4.73	3.34	2.05	1.05	0.44	0.17	0.07	0.03	37.7	28.2	
		-48	0.05	0.08	0.13	0.28	0.62	1.14	1.76	2.33	2.64	2.55	2.13	1.51	0.93	0.49	0.23	0.11	0.05	0.03	17.1	2.04	
		-56	0.04	0.05	0.07	0.14	0.25	0.42	0.63	0.83	0.93	0.91	0.76	0.55	0.36	0.21	0.12	0.07	0.04	0.02	6.41	0.00	
	-64	0.03	0.03	0.04	0.07	0.11	0.15	0.21	0.26	0.28	0.28	0.24	0.19	0.14	0.10	0.07	0.04	0.03	0.02	2.30	0.00		
-72	0.02	0.02	0.02	0.04	0.05	0.07	0.08	0.10	0.10	0.10	0.09	0.08	0.06	0.05	0.04	0.02	0.02	0.01	0.99	0.00			
		-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)				16	24	32	40	48	56	64	72		
F t	1.49	2.97	7.27	18.9	43.5	83.7	135	182	206	196	158	109	64.2	32.1	13.8	5.10	1.89	0.81	1262	---			
F a	0.00	0.00	0.00	6.76	35.3	76.4	128	175	199	190	152	102	56.2	22.1	1.03	0.00	0.00	0.00	---	1143			

one-half-peak spread: U:24.2,D:23.9 , L:24.0,R:23.8

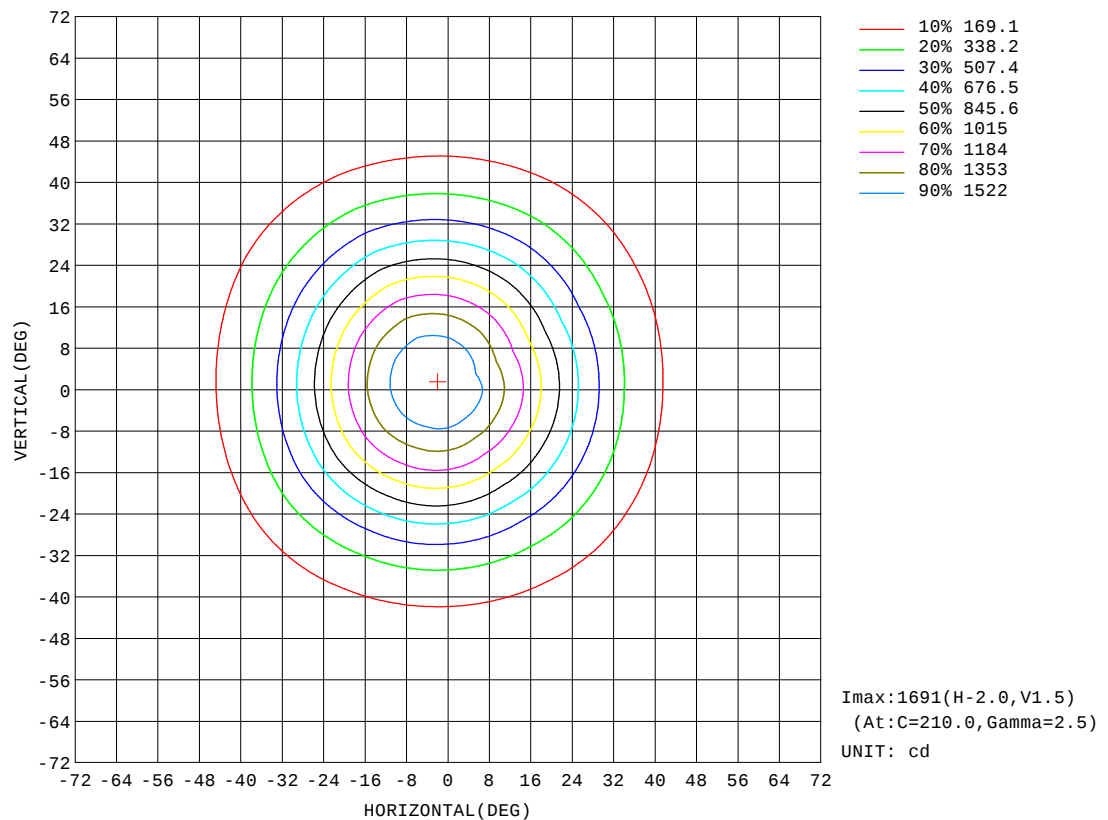
NEMA Beam Type: Type 5

H_(b) Range: -90 - 90DEG
 H_(b) Interval: 0.5DEG
 Test Speed: LOW
 Temperature: 25.3DEG
 Operators: Fan
 Test Date: 2023-09-06

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-RGBW DS-ALL-50D-Rev1	TYPE:RGBW-DS W=3000K	WEIGHT:
SPEC.:50 DEG	DIM.:600MM	SERIAL No.:IES001647
MFR.:	SUR.:	Shielding Angle:

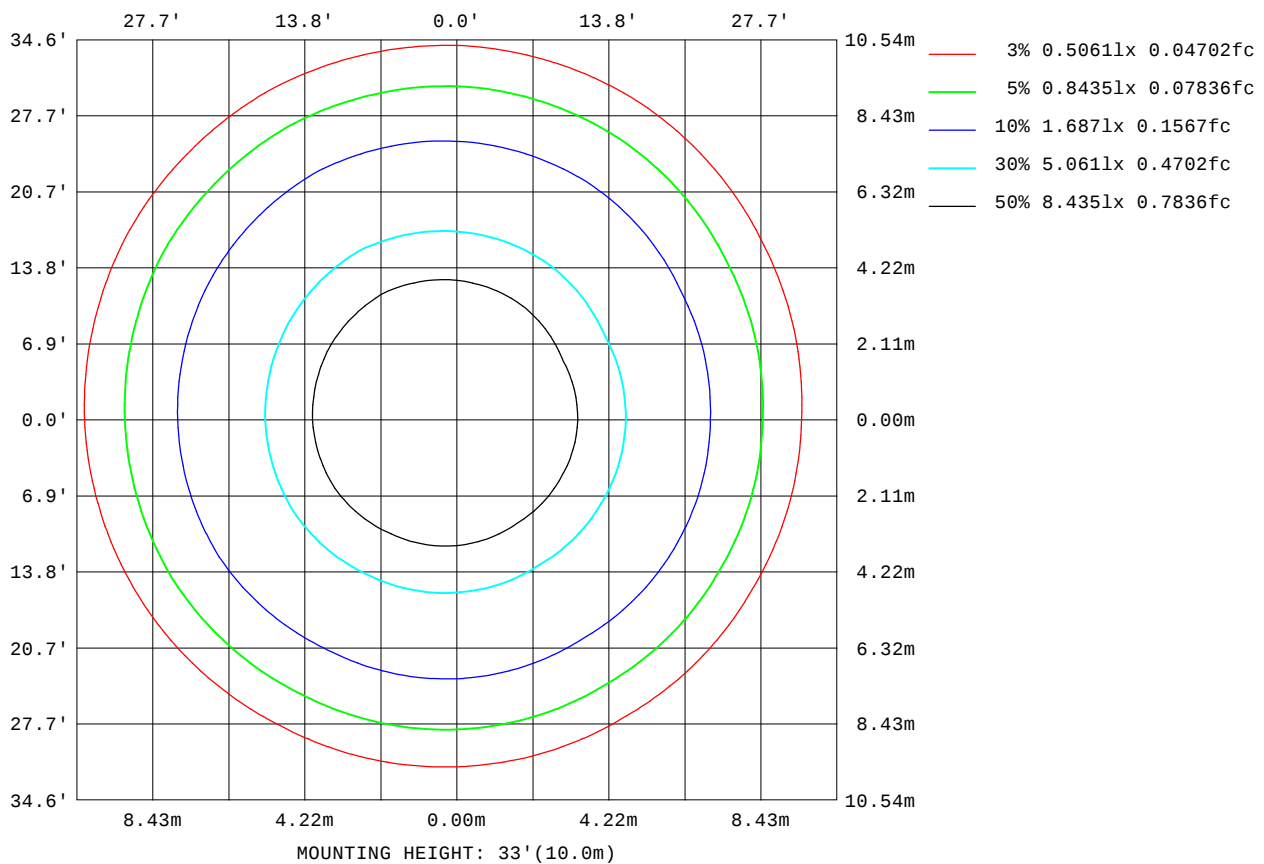


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H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-09-06

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

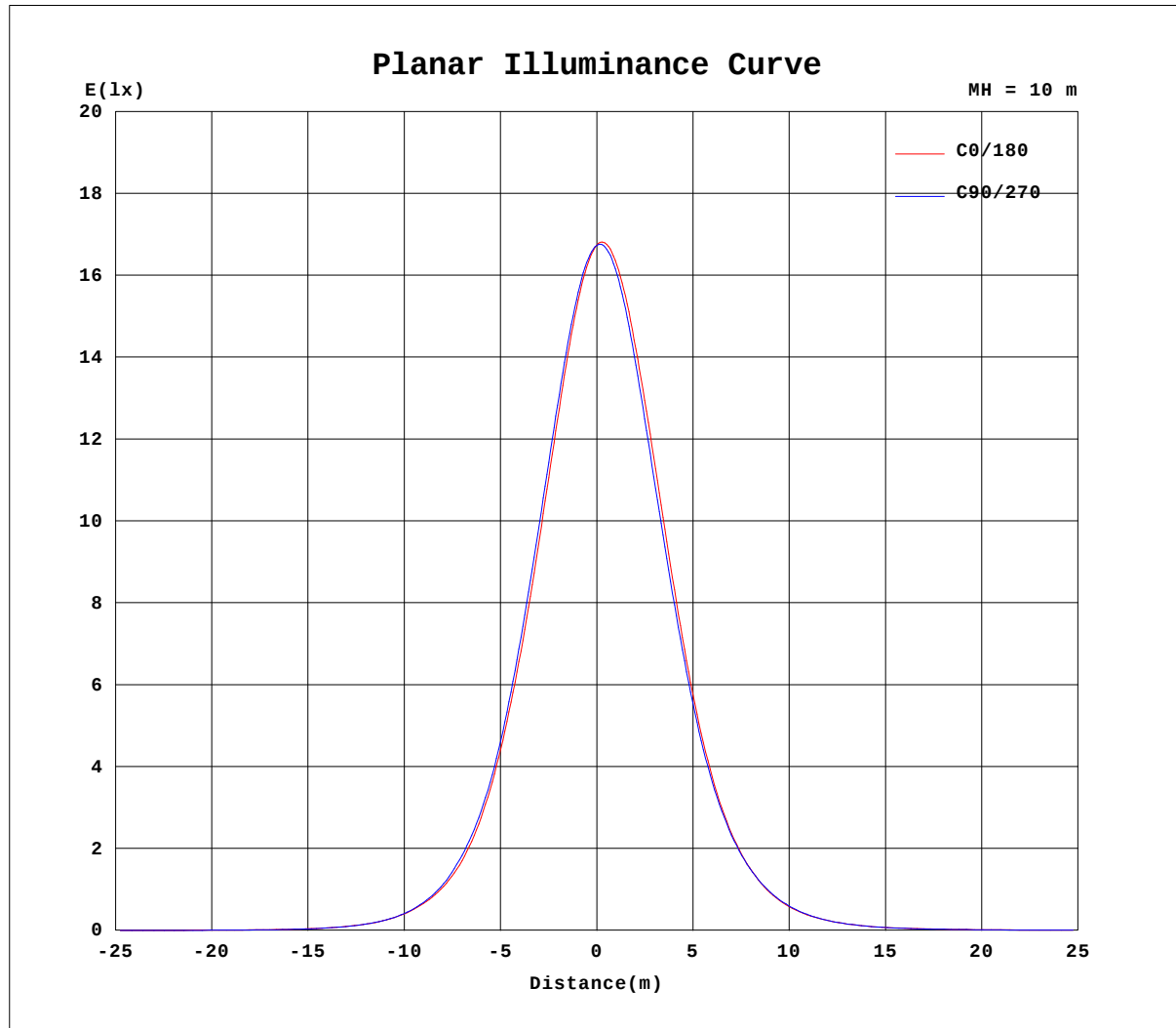
NAME:BlazeLine Slim-600mm-RGBW DS-ALL-50D-Rev1	TYPE:RGBW-DS W=3000K	WEIGHT:
SPEC.:50 DEG	DIM.:600MM	SERIAL No.:IES001647
MFR.:	SUR.:	Shielding Angle:



H_(b) Range: -90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators: Fan
Test Date: 2023-09-06

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

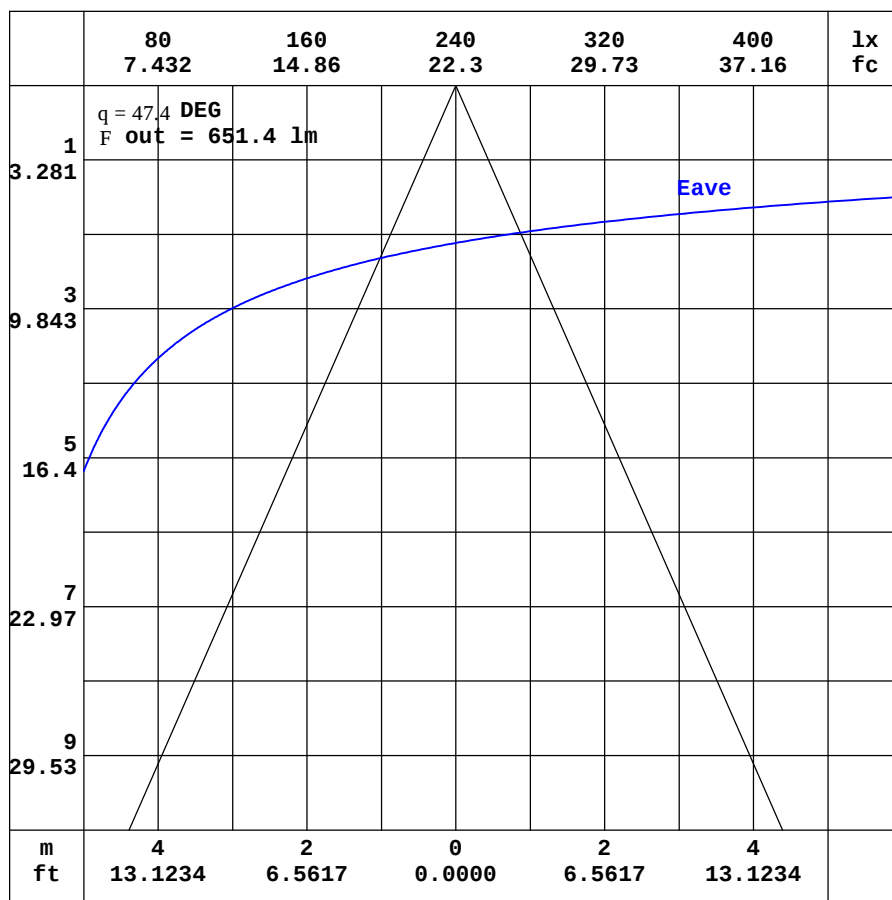


H_b Range: -90 - 90DEG
H_b Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators: Fan
Test Date: 2023-09-06

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-RGBW DS-ALL-50D-Rev1	TYPE:RGBW-DS W=3000K	WEIGHT:
SPEC.:50 DEG	DIM.:600MM	SERIAL No.:IES001647
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:2023-09-06

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-RGBW DS-ALL-50D-Rev1	TYPE:RGBW-DS W=3000K	WEIGHT:
SPEC.:50 DEG	DIM.:600MM	SERIAL No.:IES001647
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	5.32	4.87	4.60	4.54	4.65	4.95	5.43	6.09	6.86	7.69	8.48	9.19	9.75	10.1	10.3	10.2	10.1	9.96	9.98
-170	5.32	4.77	4.42	4.29	4.29	4.45	4.73	5.15	5.60	6.07	6.50	6.82	7.03	7.01	6.89	6.97	7.64	8.19	8.55
-160	5.32	4.69	4.26	4.04	3.93	3.93	4.01	4.16	4.30	4.41	4.47	4.43	4.38	5.01	5.59	6.20	6.70	7.03	7.26
-150	5.32	4.62	4.12	3.81	3.59	3.44	3.33	3.22	3.14	2.96	2.81	3.19	3.63	4.08	4.54	4.98	5.34	5.60	5.75
-140	5.32	4.57	4.01	3.60	3.30	3.02	2.78	2.51	2.18	2.20	2.36	2.57	2.82	3.09	3.36	3.63	3.86	4.03	4.13
-130	5.32	4.54	3.93	3.44	3.05	2.69	2.34	1.99	1.86	1.92	1.97	2.09	2.18	2.28	2.41	2.54	2.65	2.72	2.77
-120	5.32	4.53	3.89	3.33	2.86	2.43	2.02	1.73	1.75	1.78	1.80	1.81	1.84	1.86	1.90	1.94	1.97	2.00	2.01
-110	5.32	4.55	3.87	3.27	2.73	2.22	1.76	1.64	1.66	1.68	1.68	1.69	1.70	1.71	1.72	1.73	1.74	1.75	1.75
-100	5.32	4.59	3.91	3.26	2.66	2.08	1.53	1.51	1.53	1.55	1.56	1.56	1.57	1.59	1.60	1.61	1.62	1.63	1.64
-90	5.32	4.66	3.99	3.33	2.67	2.01	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.36	1.37	1.38	1.39	1.40	1.41
-80	5.32	4.74	4.14	3.51	2.85	2.15	1.38	1.33	1.33	1.34	1.36	1.37	1.38	1.38	1.39	1.39	1.40	1.39	1.38
-70	5.32	4.86	4.38	3.91	3.32	2.71	1.88	1.66	1.87	2.11	2.39	2.68	2.95	3.25	3.54	3.79	3.99	4.13	4.20
-60	5.32	5.00	4.79	4.58	4.65	4.21	3.42	3.05	3.87	4.75	5.76	6.89	8.09	9.42	10.8	12.1	13.1	13.7	13.8
-50	5.32	5.18	5.23	6.00	6.33	6.10	6.11	6.16	7.52	10.4	14.5	20.1	27.2	35.1	43.6	51.3	57.6	61.2	61.6
-40	5.32	5.39	5.95	7.44	8.00	8.71	9.92	11.9	16.0	25.4	41.1	62.5	88.3	116	146	172	193	205	206
-30	5.32	5.61	6.84	8.89	9.90	11.9	14.9	21.0	34.1	58.4	96.4	148	210	281	350	415	469	500	501
-20	5.32	5.83	7.84	10.2	12.0	15.3	20.9	33.2	59.2	104	172	267	388	523	666	798	900	961	963
-10	5.32	6.04	8.63	11.3	13.9	18.6	26.6	45.1	82.9	145	240	379	555	766	991	1190	1335	1416	1426
0	5.32	6.21	9.21	12.2	15.5	21.1	30.7	52.2	95.0	165	276	432	639	885	1145	1377	1559	1666	1674
10	5.32	6.18	8.99	11.9	15.1	20.3	29.3	48.9	88.7	155	255	399	585	809	1050	1266	1430	1530	1522
20	5.32	6.11	8.53	11.5	14.1	18.6	25.7	40.1	69.3	119	196	301	434	590	760	921	1045	1099	1095
30	5.32	6.01	7.81	10.7	12.7	16.3	21.3	29.9	46.4	75.5	120	183	259	347	440	528	587	618	616
40	5.32	5.89	7.14	9.55	11.4	13.7	17.0	21.6	28.9	41.3	60.9	88.2	122	161	200	234	262	276	277
50	5.32	5.77	6.57	8.32	9.90	11.2	13.1	15.7	18.9	23.2	29.1	37.3	47.7	59.9	71.9	82.5	90.7	95.3	95.8
60	5.32	5.65	6.21	6.97	8.20	9.13	10.0	11.2	12.8	14.6	16.6	18.7	21.0	23.3	25.4	27.4	28.8	29.7	29.8
70	5.32	5.54	5.84	6.24	6.67	7.20	7.65	8.13	8.77	9.49	10.2	10.9	11.6	12.2	12.8	13.2	13.5	13.6	13.6
80	5.32	5.43	5.57	5.72	5.89	6.08	6.24	6.39	6.54	6.69	6.82	6.95	7.07	7.14	7.21	7.24	7.26	7.25	7.21
90	5.32	5.33	5.35	5.37	5.39	5.41	5.43	5.41	5.39	5.37	5.35	5.33	5.31	5.28	5.25	5.23	5.20	5.17	5.15
100	5.32	5.23	5.17	5.09	5.03	4.98	4.92	4.86	4.79	4.72	4.66	4.61	4.56	4.52	4.49	4.47	4.45	4.44	4.43
110	5.32	5.15	5.00	4.89	4.79	4.70	4.64	4.57	4.51	4.48	4.45	4.44	4.43	4.43	4.44	4.44	4.44	4.44	4.43
120	5.32	5.07	4.88	4.73	4.62	4.55	4.52	4.51	4.50	4.56	4.64	4.73	4.84	4.94	5.05	5.15	5.22	5.28	5.30
130	5.32	5.01	4.78	4.62	4.54	4.52	4.53	4.63	4.79	5.00	5.25	5.51	5.78	6.02	6.27	6.50	6.68	6.80	6.85
140	5.32	4.95	4.70	4.55	4.53	4.55	4.70	4.95	5.29	5.70	6.13	6.58	7.04	7.46	7.83	8.15	8.40	8.57	8.65
150	5.32	4.91	4.65	4.54	4.55	4.66	4.94	5.35	5.87	6.44	7.06	7.67	8.25	8.75	9.18	9.52	9.77	9.93	10.0
160	5.32	4.89	4.62	4.54	4.58	4.80	5.18	5.72	6.37	7.10	7.83	8.52	9.10	9.55	9.92	10.2	10.4	10.5	10.5
170	5.32	4.87	4.60	4.54	4.62	4.90	5.36	5.99	6.72	7.53	8.31	9.02	9.55	9.93	10.1	10.2	10.3	10.3	10.4
180	5.32	4.87	4.60	4.54	4.65	4.95	5.43	6.09	6.86	7.69	8.48	9.19	9.75	10.1	10.3	10.2	10.1	9.96	9.99

H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-09-06

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-RGBW DS-ALL-50D-Rev1	TYPE:RGBW-DS W=3000K	WEIGHT:
SPEC.:50 DEG	DIM.:600MM	SERIAL No.:IES001647
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	8.99	8.31	7.67	7.05	6.36	5.61	4.84	4.08	3.40	2.82	2.37	2.06	1.86	1.74	1.68	1.62	1.51	1.41
-170	8.22	7.88	7.57	7.00	6.32	5.59	4.86	4.13	3.43	2.82	2.35	2.04	1.86	1.74	1.68	1.61	1.51	1.41
-160	7.17	6.98	6.66	6.23	5.72	5.20	4.57	3.88	3.20	2.64	2.24	1.99	1.83	1.74	1.67	1.60	1.51	1.41
-150	5.74	5.61	5.38	5.05	4.68	4.27	3.81	3.29	2.76	2.36	2.09	1.91	1.80	1.73	1.67	1.59	1.50	1.41
-140	4.12	4.03	3.88	3.66	3.43	3.15	2.85	2.55	2.29	2.09	1.94	1.82	1.76	1.70	1.65	1.58	1.49	1.41
-130	2.77	2.73	2.67	2.56	2.44	2.30	2.17	2.06	1.96	1.88	1.82	1.77	1.72	1.68	1.62	1.57	1.48	1.41
-120	2.01	1.99	1.97	1.93	1.89	1.87	1.82	1.80	1.78	1.76	1.74	1.71	1.68	1.64	1.59	1.53	1.46	1.41
-110	1.74	1.74	1.73	1.72	1.70	1.68	1.68	1.68	1.68	1.68	1.67	1.66	1.62	1.59	1.54	1.50	1.44	1.41
-100	1.63	1.62	1.61	1.60	1.59	1.58	1.58	1.59	1.58	1.58	1.57	1.57	1.54	1.52	1.48	1.45	1.43	1.41
-90	1.40	1.40	1.39	1.39	1.38	1.38	1.39	1.40	1.41	1.43	1.44	1.45	1.44	1.44	1.43	1.42	1.41	1.41
-80	1.39	1.39	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.39	1.40	1.40	1.43	1.44	1.43	1.42	1.41	1.41
-70	4.09	3.91	3.67	3.39	3.08	2.79	2.57	2.34	2.11	1.88	1.70	1.64	1.74	1.66	1.50	1.47	1.41	1.41
-60	13.4	12.6	11.4	10.1	8.67	7.46	6.37	5.37	4.47	3.69	3.02	2.63	2.50	2.39	2.01	1.53	1.43	1.41
-50	59.1	53.8	46.3	38.0	29.7	22.7	16.8	12.4	9.17	6.87	5.31	4.27	3.52	3.10	2.71	1.81	1.46	1.41
-40	196	177	152	124	96.0	70.9	48.9	31.5	19.8	12.8	8.80	6.43	4.89	3.82	3.32	2.33	1.51	1.41
-30	475	425	359	291	224	163	112	71.3	42.1	24.0	14.0	9.08	6.43	4.74	3.77	2.83	1.53	1.41
-20	907	800	677	543	410	292	195	125	73.6	40.1	20.9	12.0	7.89	5.59	4.12	3.17	1.55	1.41
-10	1334	1189	999	796	596	418	275	174	103	55.1	27.8	14.6	9.13	6.27	4.47	3.45	1.57	1.41
0	1577	1393	1164	920	686	476	311	196	115	61.6	31.3	15.9	9.82	6.71	4.73	3.63	1.58	1.41
10	1420	1246	1033	820	614	432	287	183	109	59.4	30.9	16.8	10.6	7.22	5.04	3.75	1.69	1.41
20	1031	918	767	604	449	317	217	142	84.6	48.1	26.6	16.1	10.7	7.38	5.20	3.76	1.79	1.41
30	584	524	446	358	273	198	137	89.2	55.6	33.9	21.4	14.5	10.1	7.18	5.26	3.65	1.87	1.41
40	263	238	206	170	133	98.8	69.9	47.8	33.0	23.5	17.0	12.4	9.14	6.67	5.12	3.35	1.94	1.41
50	92.2	85.0	74.8	63.8	52.1	40.8	31.9	25.2	20.2	16.5	13.3	10.3	7.89	6.12	4.68	2.96	1.97	1.41
60	29.1	27.8	25.9	23.8	21.5	19.2	17.0	14.9	13.1	11.5	10.00	8.21	6.67	5.39	4.04	2.74	1.98	1.41
70	13.4	13.1	12.6	12.1	11.4	10.7	10.0	9.29	8.57	7.87	7.24	6.53	5.58	4.51	3.49	2.71	1.99	1.41
80	7.16	7.09	6.99	6.87	6.74	6.59	6.43	6.27	6.11	5.93	5.77	5.55	4.78	4.03	3.31	2.63	2.00	1.41
90	5.13	5.11	5.09	5.07	5.05	5.03	5.01	5.00	4.99	4.98	4.96	4.95	4.36	3.77	3.18	2.59	2.00	1.41
100	4.42	4.41	4.40	4.40	4.40	4.40	4.43	4.45	4.48	4.51	4.55	4.54	4.07	3.58	3.07	2.54	1.99	1.41
110	4.44	4.45	4.45	4.44	4.43	4.41	4.39	4.38	4.37	4.37	4.38	4.26	3.83	3.41	2.96	2.48	1.96	1.41
120	5.32	5.31	5.27	5.20	5.10	5.00	4.88	4.75	4.63	4.53	4.44	4.07	3.65	3.24	2.83	2.40	1.93	1.41
130	6.87	6.83	6.72	6.56	6.34	6.10	5.83	5.54	5.26	5.00	4.57	3.97	3.47	3.07	2.69	2.31	1.88	1.41
140	8.65	8.58	8.41	8.17	7.85	7.47	7.03	6.57	6.10	5.43	4.56	3.85	3.30	2.87	2.53	2.19	1.82	1.41
150	10.00	9.93	9.78	9.52	9.16	8.71	8.19	7.60	6.44	5.32	4.38	3.63	3.07	2.66	2.35	2.06	1.76	1.41
160	10.5	10.4	10.4	10.3	9.98	9.57	8.38	7.10	5.91	4.84	3.95	3.26	2.75	2.40	2.14	1.92	1.68	1.41
170	10.2	10.2	10.3	9.85	8.97	7.96	6.90	5.84	4.86	3.98	3.27	2.72	2.34	2.08	1.92	1.78	1.60	1.41
180	8.99	8.31	7.67	7.05	6.36	5.61	4.84	4.08	3.40	2.82	2.37	2.06	1.86	1.74	1.68	1.62	1.51	1.41

H_b Range: -90 - 90DEG
H_b Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-09-06

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: