

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	4607.5 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	44.2V x 43.9H
	At 50% of Imax	17.6V x 17.6H
	At 90% of Imax	6.4V x 6.3H

Beam Flux	Total	1000.1 lumens per klm.
	To 10% of Imax	618.9 lumens per klm.
	To 50% of Imax	241.6 lumens per klm.
	To 90% of Imax	43.9 lumens per klm.

Upward LOR	2.3 %
Downward LOR	97.7 %

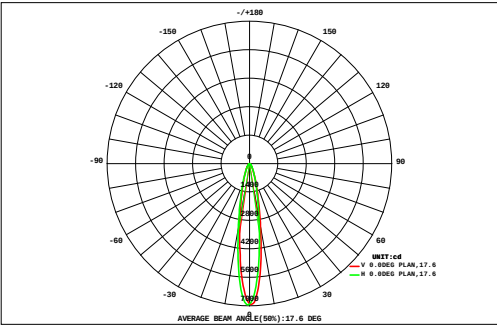
Luminaire Efficiency(Light Output Ratio)	100.0 %
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H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:
Test Date:2024-10-25

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 Mini-600mm-RGBW DS-15D-Rev1	TYPE:RGBW-DS W=4000K	WEIGHT:
SPEC.:15 DEG	DIM.:600MM	SERIAL No.:IES003071
MFR.:	SUR.:1	Shielding Angle:



DATA OF LAMP		Eff:73.24lm/W	
MODEL		Imax(cd)	6953
NOMINAL POWER(W)	20.6	AVAILABILITY(%)	61.9
RATED VOLTAGE(V)	24	Avai. FLUX(lm)	934.2
NOMINAL FLUX(lm)	1509	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	1509
TEST VOLTAGE(V)	24	q @50%(H,V)	18,18DEG

		AREA FLUX DIAGRAM															UNIT:lm			F t	F a
VERTICAL (DEG)	27	0.57	0.67	0.78	0.90	1.02	1.13	1.22	1.29	1.31	1.30	1.26	1.19	1.09	0.98	0.86	0.74	0.63	0.53	17.5	0.00
	24	0.65	0.78	0.93	1.10	1.28	1.44	1.58	1.69	1.74	1.72	1.65	1.53	1.38	1.21	1.04	0.88	0.74	0.61	21.9	0.42
	21	0.75	0.91	1.11	1.34	1.59	1.86	2.10	2.27	2.35	2.33	2.22	2.01	1.77	1.50	1.25	1.03	0.85	0.70	27.9	13.8
	18	0.85	1.05	1.31	1.62	2.00	2.41	2.83	3.14	3.29	3.26	3.06	2.70	2.29	1.87	1.51	1.21	0.98	0.78	36.2	25.9
	15	0.95	1.20	1.53	1.96	2.49	3.16	3.84	4.41	4.70	4.65	4.29	3.68	2.97	2.33	1.81	1.41	1.11	0.87	47.4	39.0
	12	1.05	1.36	1.77	2.32	3.09	4.04	5.25	6.32	6.93	6.88	6.18	5.02	3.83	2.87	2.14	1.62	1.25	0.96	62.9	55.9
	9	1.14	1.50	2.00	2.71	3.69	5.07	6.93	9.08	10.3	10.2	8.86	6.70	4.80	3.47	2.55	1.87	1.39	1.04	83.3	77.3
		1.21	1.62	2.19	3.05	4.27	6.10	8.71	11.9	14.4	14.2	11.8	8.56	6.07	4.24	2.99	2.11	1.52	1.11	106	101
		1.25	1.69	2.31	3.26	4.67	6.85	10.1	14.0	17.4	17.4	14.6	11.0	7.46	4.93	3.33	2.28	1.60	1.15	125	121
		1.27	1.71	2.36	3.36	4.87	7.25	10.8	15.2	18.2	18.4	15.9	11.7	7.87	5.12	3.42	2.33	1.62	1.16	132	128
		1.24	1.68	2.34	3.32	4.81	7.14	10.4	13.6	15.8	15.7	13.6	10.3	7.10	4.75	3.22	2.23	1.56	1.12	120	115
	-9	1.18	1.59	2.20	3.08	4.36	6.09	8.19	10.3	11.8	11.8	10.0	7.93	5.78	4.09	2.87	2.03	1.45	1.06	95.9	90.6
-12	1.09	1.46	1.98	2.69	3.60	4.74	6.02	7.30	8.20	8.13	7.11	5.75	4.44	3.33	2.44	1.78	1.31	0.97	72.3	66.2	
-15	0.98	1.29	1.69	2.22	2.86	3.60	4.38	5.10	5.56	5.50	4.93	4.15	3.37	2.63	2.01	1.52	1.15	0.87	53.8	46.5	
-18	0.86	1.10	1.41	1.79	2.23	2.72	3.20	3.61	3.85	3.81	3.50	3.03	2.53	2.05	1.62	1.27	0.99	0.77	40.3	31.2	
-21	0.74	0.93	1.15	1.42	1.73	2.04	2.35	2.59	2.72	2.69	2.51	2.23	1.90	1.59	1.30	1.05	0.84	0.67	30.4	18.3	
-24	0.63	0.78	0.94	1.13	1.34	1.54	1.73	1.88	1.95	1.93	1.82	1.65	1.44	1.23	1.04	0.86	0.71	0.57	23.2	4.52	
-27	0.54	0.65	0.77	0.90	1.04	1.17	1.29	1.38	1.43	1.41	1.34	1.24	1.10	0.96	0.83	0.70	0.59	0.49	17.8	0.00	
	-27	-24	-21	-18	-15	-12	-9	-6	HORIZONTAL (DEG)				6	9	12	15	18	21	24	27	
F t	17.0	22.0	28.8	38.2	50.9	68.4	90.9	115	132	131	115	90.3	67.2	49.1	36.2	26.9	20.3	15.5	1114	---	
F a	0.00	2.48	16.1	28.4	43.0	61.7	85.3	110	127	126	109	84.1	60.1	40.7	25.9	13.0	1.20	0.00	---	934	

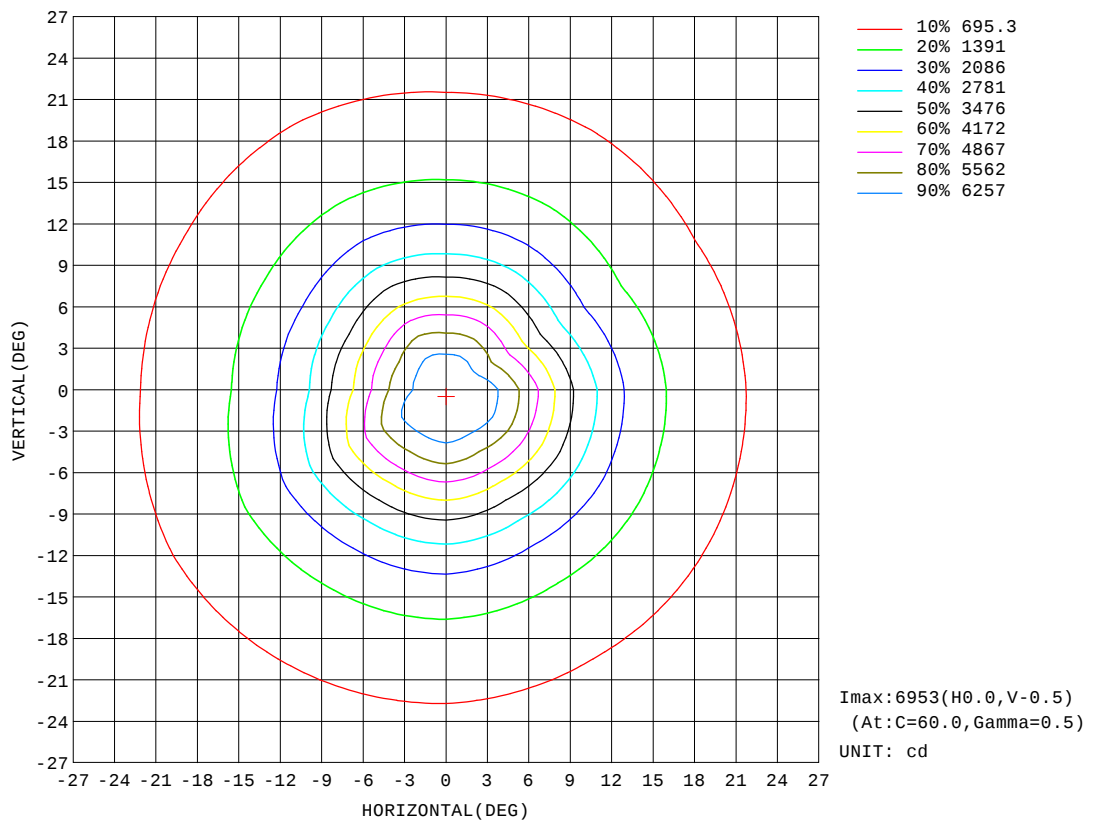
one-half-peak spread: U:9.0,D:8.7 , L:8.9,R:8.8 NEMA Beam Type: Type 3

H_(b) Range: -90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:
Test Date:2024-10-25

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 Mini-600mm-RGBW DS-15D-Rev1	TYPE:RGBW-DS W=4000K	WEIGHT:
SPEC.:15 DEG	DIM.:600MM	SERIAL No.:IES003071
MFR.:	SUR.:1	Shielding Angle:

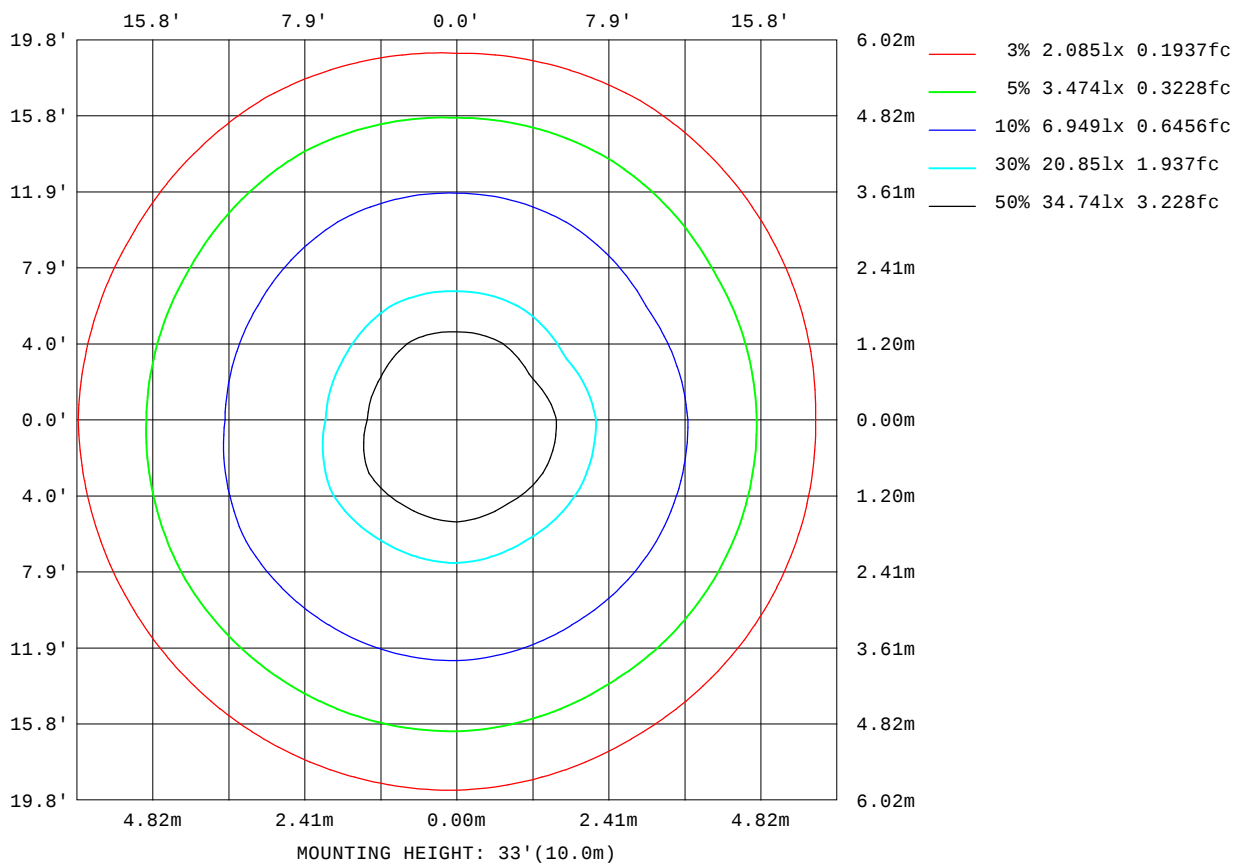


H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:
Test Date:2024-10-25

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

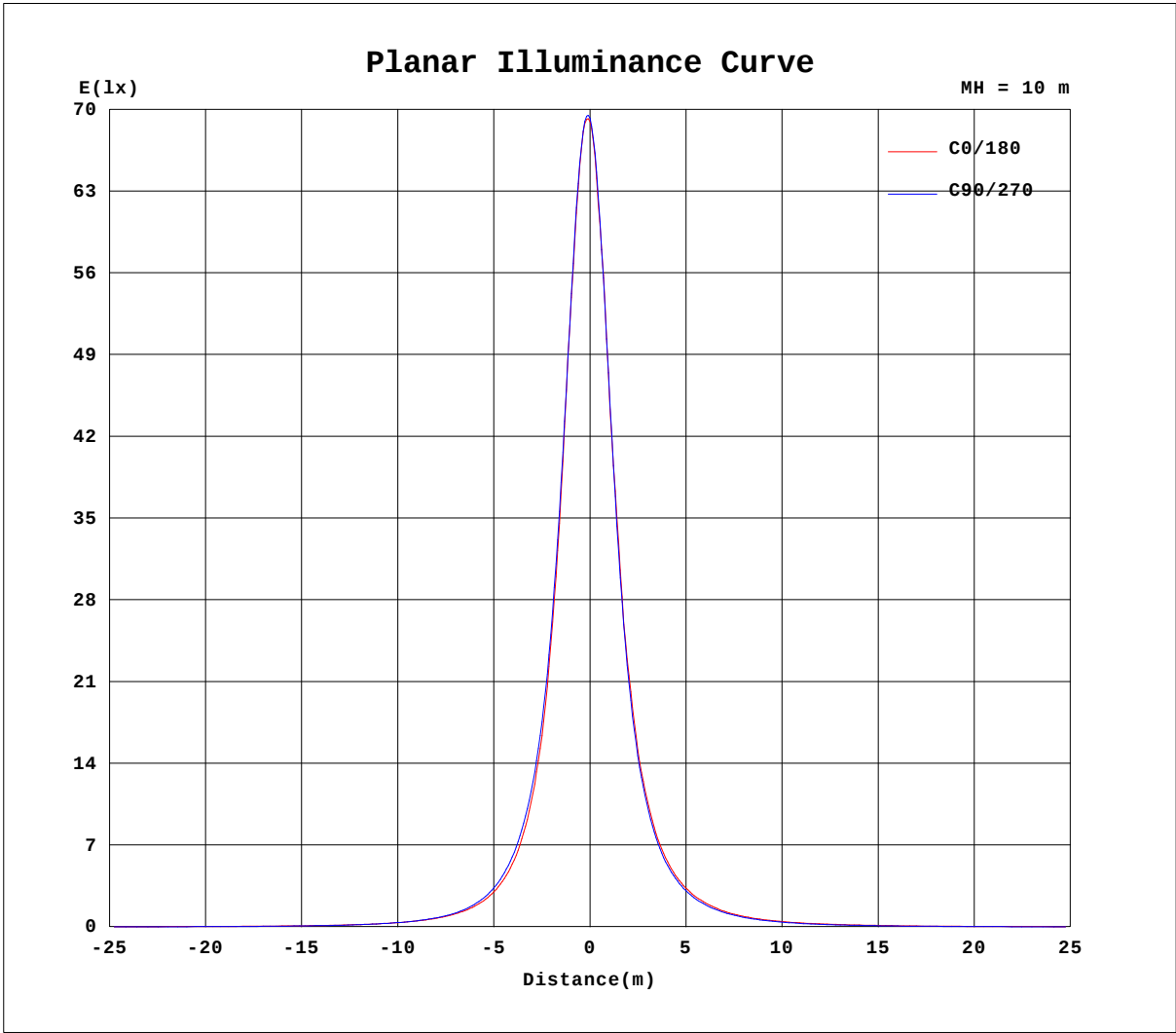
NAME:BlazeLine Mini-600mm-RGBW DS-15D-Rev1	TYPE:RGBW-DS W=4000K	WEIGHT:
SPEC.:15 DEG	DIM.:600MM	SERIAL No.:IES003071
MFR.:	SUR.:1	Shielding Angle:



H_(b) Range: -90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators:
Test Date: 2024-10-25

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

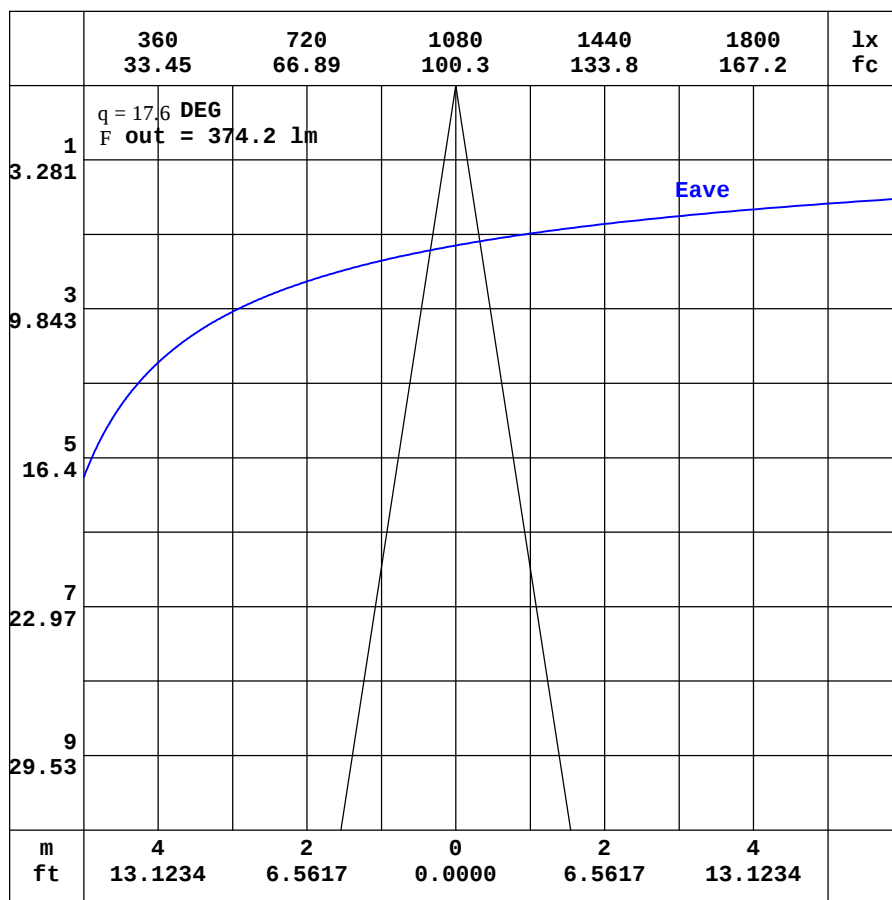


H_(b) Range: -90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators:
Test Date: 2024-10-25

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 Mini-600mm-RGBW DS-15D-Rev1	TYPE:RGBW-DS W=4000K	WEIGHT:
SPEC.:15 DEG	DIM.:600MM	SERIAL No.:IES003071
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:2024-10-25

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 Mini-600mm-RGBW DS-15D-Rev1	TYPE:RGBW-DS W=4000K	WEIGHT:
SPEC.:15 DEG	DIM.:600MM	SERIAL No.:IES003071
MFR.:	SUR.:1	Shielding Angle:

Table--1																		UNIT: cd	
H(DEG) V(DEG)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-180	6.50	5.92	5.40	5.05	4.99	5.18	5.72	6.71	8.13	9.66	10.9	11.6	11.8	11.8	11.7	11.5	11.2	10.8	10.6
-170	6.50	5.82	5.25	4.84	4.69	4.72	4.96	5.53	6.36	7.26	7.97	8.40	8.60	8.66	8.70	8.95	9.62	10.2	10.5
-160	6.50	5.74	5.13	4.66	4.41	4.26	4.22	4.34	4.56	4.79	4.93	4.93	5.00	6.02	7.00	7.89	8.61	9.06	9.31
-150	6.50	5.68	5.02	4.52	4.16	3.89	3.64	3.37	3.13	2.80	2.52	3.02	3.66	4.36	5.06	5.70	6.20	6.52	6.65
-140	6.50	5.64	4.94	4.40	3.96	3.62	3.26	2.82	2.30	2.07	2.09	2.23	2.48	2.80	3.15	3.48	3.75	3.92	3.99
-130	6.50	5.62	4.89	4.31	3.84	3.42	3.03	2.60	2.32	2.20	2.09	2.03	2.01	2.00	2.05	2.14	2.21	2.26	2.27
-120	6.50	5.61	4.87	4.25	3.73	3.29	2.86	2.57	2.54	2.48	2.41	2.34	2.26	2.19	2.11	2.06	2.02	1.99	1.96
-110	6.50	5.63	4.88	4.21	3.63	3.13	2.67	2.57	2.58	2.58	2.58	2.58	2.58	2.57	2.56	2.54	2.52	2.50	2.50
-100	6.50	5.67	4.91	4.20	3.54	2.92	2.36	2.35	2.39	2.42	2.44	2.46	2.47	2.50	2.52	2.53	2.55	2.57	2.58
-90	6.50	5.75	4.99	4.24	3.48	2.72	1.97	1.97	1.97	1.97	1.97	1.98	1.98	1.98	1.99	2.00	2.00	2.01	2.02
-80	6.50	5.84	5.15	4.45	3.78	3.16	2.53	2.88	3.26	3.49	3.67	3.67	3.50	3.69	3.89	4.04	4.11	4.10	4.01
-70	6.50	5.97	5.51	5.91	6.68	7.86	9.29	11.0	12.6	14.0	15.2	16.1	17.0	17.9	18.9	19.6	19.9	20.0	19.8
-60	6.50	6.12	6.97	9.09	12.1	15.4	18.6	21.4	24.4	27.3	30.0	32.5	34.6	36.5	38.7	40.3	41.4	42.0	41.9
-50	6.50	6.37	8.93	13.2	18.2	23.2	27.7	32.1	36.8	41.6	46.6	51.5	56.5	61.3	66.5	71.1	74.6	76.7	77.1
-40	6.50	6.92	11.0	17.2	24.1	30.5	36.8	43.3	50.0	57.7	66.9	77.4	89.3	102	116	130	141	147	149
-30	6.50	7.58	13.1	21.0	29.1	37.1	45.6	54.7	65.0	77.2	92.5	114	141	175	215	259	299	327	337
-20	6.50	8.14	14.9	24.1	33.5	43.1	53.6	65.6	80.4	99.5	125	162	216	302	417	569	738	883	940
-10	6.50	8.57	16.2	26.4	36.8	47.7	60.0	74.5	93.4	119	157	215	311	466	742	1213	1912	2746	3257
0	6.50	8.84	17.0	27.7	38.7	50.5	64.0	80.0	101	131	175	243	355	531	853	1470	2726	5098	6898
10	6.50	8.72	16.5	26.9	37.6	49.0	62.0	77.3	97.1	124	163	221	311	448	669	1037	1629	2379	2709
20	6.50	8.44	15.4	25.1	35.1	45.6	57.3	70.7	87.2	108	137	176	229	304	403	532	674	781	812
30	6.50	8.02	13.9	22.2	31.2	40.4	50.4	61.5	74.0	88.7	106	128	155	188	225	267	302	323	326
40	6.50	7.48	12.0	18.7	26.5	34.3	42.2	50.7	59.8	69.1	79.3	90.4	103	116	130	142	152	158	159
50	6.50	7.01	10.1	14.9	20.8	27.0	33.1	39.2	45.2	51.1	56.8	62.5	68.0	73.2	78.6	82.8	85.9	87.6	87.4
60	6.50	6.82	8.46	11.0	14.7	18.9	23.4	27.5	31.2	34.7	37.9	40.9	43.4	45.8	48.1	49.8	50.9	51.3	51.0
70	6.50	6.72	7.10	8.32	9.59	11.3	13.4	15.8	17.8	19.7	21.3	22.6	23.5	24.6	25.7	26.3	26.7	26.6	26.2
80	6.50	6.61	6.72	6.85	7.10	7.47	7.60	7.91	8.27	8.67	9.00	9.24	9.36	9.62	9.83	9.95	9.99	9.95	9.83
90	6.50	6.50	6.49	6.49	6.49	6.48	6.48	6.45	6.43	6.41	6.38	6.36	6.33	6.32	6.30	6.28	6.26	6.24	6.22
100	6.50	6.38	6.28	6.17	6.06	5.95	5.85	5.73	5.61	5.50	5.40	5.32	5.24	5.19	5.15	5.12	5.10	5.09	5.08
110	6.50	6.29	6.08	5.87	5.67	5.48	5.32	5.18	5.05	4.96	4.88	4.85	4.82	4.82	4.82	4.83	4.83	4.83	4.83
120	6.50	6.19	5.90	5.61	5.36	5.15	5.01	4.93	4.89	4.88	4.91	4.98	5.07	5.17	5.28	5.39	5.47	5.53	5.55
130	6.50	6.11	5.73	5.41	5.14	4.98	4.92	4.91	5.02	5.22	5.50	5.85	6.25	6.66	7.10	7.51	7.83	8.03	8.12
140	6.50	6.04	5.61	5.25	5.01	4.94	4.96	5.16	5.54	6.11	6.84	7.69	8.56	9.36	10.0	10.5	10.9	11.1	11.1
150	6.50	5.98	5.51	5.15	4.97	4.97	5.16	5.62	6.37	7.41	8.60	9.73	10.7	11.3	11.8	12.2	12.4	12.5	12.5
160	6.50	5.94	5.45	5.09	4.97	5.05	5.41	6.13	7.26	8.63	9.97	11.0	11.7	12.1	12.4	12.7	12.9	13.0	13.2
170	6.50	5.92	5.41	5.05	4.98	5.14	5.62	6.55	7.90	9.41	10.7	11.5	12.0	12.2	12.2	12.2	12.2	12.1	12.3
180	6.50	5.92	5.40	5.05	4.99	5.18	5.72	6.71	8.13	9.66	10.9	11.6	11.8	11.8	11.7	11.5	11.2	10.8	10.7

H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:
Test Date:2024-10-25

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 Mini-600mm-RGBW DS-15D-Rev1	TYPE:RGBW-DS W=4000K	WEIGHT:
SPEC.:15 DEG	DIM.:600MM	SERIAL No.:IES003071
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	9.82	9.42	8.94	8.26	7.41	6.42	5.30	4.18	3.20	2.52	2.18	2.20	2.37	2.55	2.59	2.54	2.31	1.98
-170	10.2	9.73	9.16	8.33	7.32	6.21	5.05	3.95	3.04	2.43	2.17	2.19	2.37	2.55	2.59	2.54	2.30	1.98
-160	9.11	8.71	8.06	7.23	6.27	5.26	4.25	3.36	2.67	2.26	2.15	2.22	2.41	2.57	2.59	2.52	2.29	1.98
-150	6.58	6.31	5.86	5.25	4.55	3.83	3.18	2.65	2.28	2.13	2.15	2.29	2.47	2.58	2.59	2.50	2.27	1.98
-140	3.96	3.82	3.58	3.26	2.92	2.58	2.31	2.14	2.10	2.11	2.25	2.42	2.55	2.59	2.58	2.46	2.24	1.98
-130	2.27	2.23	2.17	2.09	2.02	2.03	2.05	2.09	2.19	2.31	2.44	2.54	2.59	2.59	2.54	2.41	2.20	1.98
-120	1.98	2.01	2.05	2.10	2.17	2.24	2.32	2.40	2.48	2.54	2.58	2.60	2.59	2.56	2.47	2.33	2.15	1.98
-110	2.50	2.51	2.53	2.55	2.58	2.59	2.59	2.59	2.60	2.59	2.59	2.58	2.52	2.45	2.34	2.23	2.10	1.98
-100	2.57	2.56	2.55	2.54	2.52	2.50	2.50	2.49	2.47	2.44	2.41	2.37	2.32	2.25	2.18	2.12	2.04	1.98
-90	2.01	2.01	2.01	2.01	2.01	2.00	2.01	2.02	2.02	2.03	2.03	2.04	2.03	2.02	2.01	2.00	1.99	1.98
-80	4.17	4.25	4.24	4.15	3.96	3.79	4.01	4.08	3.95	3.70	3.37	2.89	2.67	2.47	2.29	2.05	1.97	1.98
-70	20.0	19.9	19.5	18.9	18.0	17.1	16.4	15.5	14.3	13.0	11.4	9.63	7.54	5.59	4.01	2.82	2.04	1.98
-60	41.7	40.9	39.5	37.7	35.5	33.7	31.8	29.6	27.2	24.6	21.8	18.1	14.2	10.6	7.05	4.27	2.38	1.98
-50	75.8	73.0	68.9	63.9	58.7	54.1	49.5	45.0	40.5	36.1	31.4	26.3	21.0	15.6	10.6	6.10	2.86	1.98
-40	145	136	123	109	96.2	84.0	73.0	63.4	55.1	47.6	40.3	33.5	27.0	20.4	13.9	7.90	3.40	1.98
-30	319	285	241	199	162	130	105	86.0	70.8	58.6	48.6	39.9	32.0	24.5	16.7	9.62	3.94	1.98
-20	854	687	520	378	272	196	146	111	86.4	68.8	55.6	45.0	35.8	27.4	18.9	10.9	4.40	1.98
-10	2675	1797	1108	669	417	273	186	133	99.0	76.4	60.5	48.4	38.4	29.4	20.4	11.9	4.72	1.98
0	5703	3143	1581	847	491	307	205	143	104	79.3	62.4	49.8	39.4	30.2	21.0	12.3	4.86	1.98
10	2334	1541	957	616	409	278	195	140	104	80.4	63.4	50.4	39.7	30.2	20.9	12.1	4.85	1.98
20	759	641	499	378	284	214	162	123	95.8	75.9	60.7	48.6	38.3	29.0	19.8	11.4	4.67	1.98
30	318	293	255	215	178	147	121	101	82.8	67.7	55.2	44.6	35.3	26.5	17.9	10.3	4.34	1.98
40	157	149	138	124	111	98.3	86.6	76.1	66.5	57.2	47.5	38.8	30.7	22.8	15.4	8.77	3.92	1.98
50	86.9	84.6	80.8	76.2	70.7	65.6	60.4	55.1	49.7	44.4	38.4	31.5	24.7	18.1	12.2	7.20	3.48	1.98
60	51.0	50.2	48.9	47.0	44.6	42.4	40.0	37.4	34.4	31.2	27.6	22.7	17.6	13.0	8.83	5.62	3.05	1.98
70	26.5	26.5	26.2	25.5	24.5	23.4	22.5	21.2	19.7	18.0	16.0	13.6	10.7	8.26	6.20	4.35	2.75	1.98
80	9.96	10.0	9.99	9.88	9.67	9.43	9.36	9.18	8.85	8.42	7.97	7.51	6.67	5.69	4.58	3.53	2.70	1.98
90	6.22	6.22	6.22	6.22	6.22	6.21	6.23	6.25	6.27	6.28	6.30	6.32	5.60	4.87	4.15	3.43	2.70	1.98
100	5.08	5.09	5.10	5.12	5.15	5.18	5.25	5.32	5.40	5.49	5.60	5.66	5.16	4.62	4.04	3.41	2.72	1.98
110	4.84	4.86	4.87	4.87	4.88	4.89	4.91	4.93	4.97	5.05	5.14	5.12	4.76	4.36	3.91	3.36	2.72	1.98
120	5.55	5.52	5.46	5.37	5.28	5.18	5.09	5.01	4.95	4.95	4.97	4.74	4.44	4.12	3.75	3.29	2.70	1.98
130	8.07	7.90	7.62	7.26	6.84	6.42	6.02	5.67	5.37	5.15	4.85	4.48	4.16	3.89	3.59	3.20	2.66	1.98
140	11.1	10.9	10.6	10.2	9.54	8.75	7.90	7.05	6.31	5.52	4.72	4.21	3.91	3.65	3.41	3.09	2.62	1.98
150	12.5	12.4	12.2	11.9	11.5	10.8	9.93	8.82	7.02	5.50	4.50	3.90	3.59	3.41	3.22	2.97	2.56	1.98
160	13.1	13.0	12.8	12.5	12.2	11.8	10.2	8.41	6.57	5.04	4.03	3.47	3.23	3.15	3.02	2.83	2.49	1.98
170	12.3	12.4	12.4	11.8	10.7	9.51	8.14	6.65	5.22	4.00	3.22	2.88	2.81	2.85	2.81	2.69	2.40	1.98
180	9.82	9.42	8.94	8.26	7.41	6.42	5.30	4.18	3.20	2.52	2.18	2.20	2.37	2.55	2.59	2.54	2.31	1.98

H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:
Test Date:2024-10-25

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: