

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)	2921.1 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
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Beam Spread	At 10% of Imax	49.1V x 76.4H
	At 50% of Imax	12.8V x 49.3H
	At 90% of Imax	4.3V x 23.0H

Beam Flux	Total	1000.2 lumens per klm.
	To 10% of Imax	762.9 lumens per klm.
	To 50% of Imax	348.5 lumens per klm.
	To 90% of Imax	77.3 lumens per klm.

Upward LOR	2.3 %
Downward LOR	97.7 %

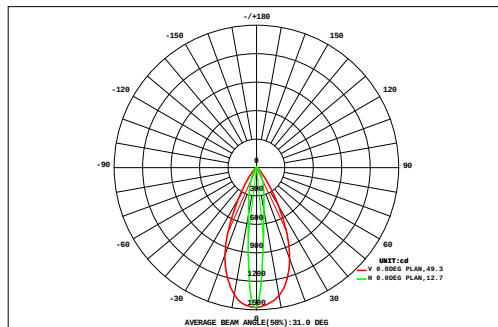
Luminaire Efficiency(Light Output Ratio)	100.0 %
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H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-10-09

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 Max-598mm-RGBW DS-GREEN-1050D-Rev1	TYPE:RGBW DS-GREEN	WEIGHT:
SPEC.:10x50 DEG	DIM.:598MM	SERIAL No.:IES001837
MFR.:	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:75.28lm/W	
MODEL		Imax(cd)	1478
NOMINAL POWER(W)	6.78	AVAILABILITY(%)	76.4
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	386.6
NOMINAL FLUX(lm)	505.9	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	505.9
TEST VOLTAGE(V)	220	q @50%(H,V)	49,13DEG

72 64 56 48 40 32 24 <

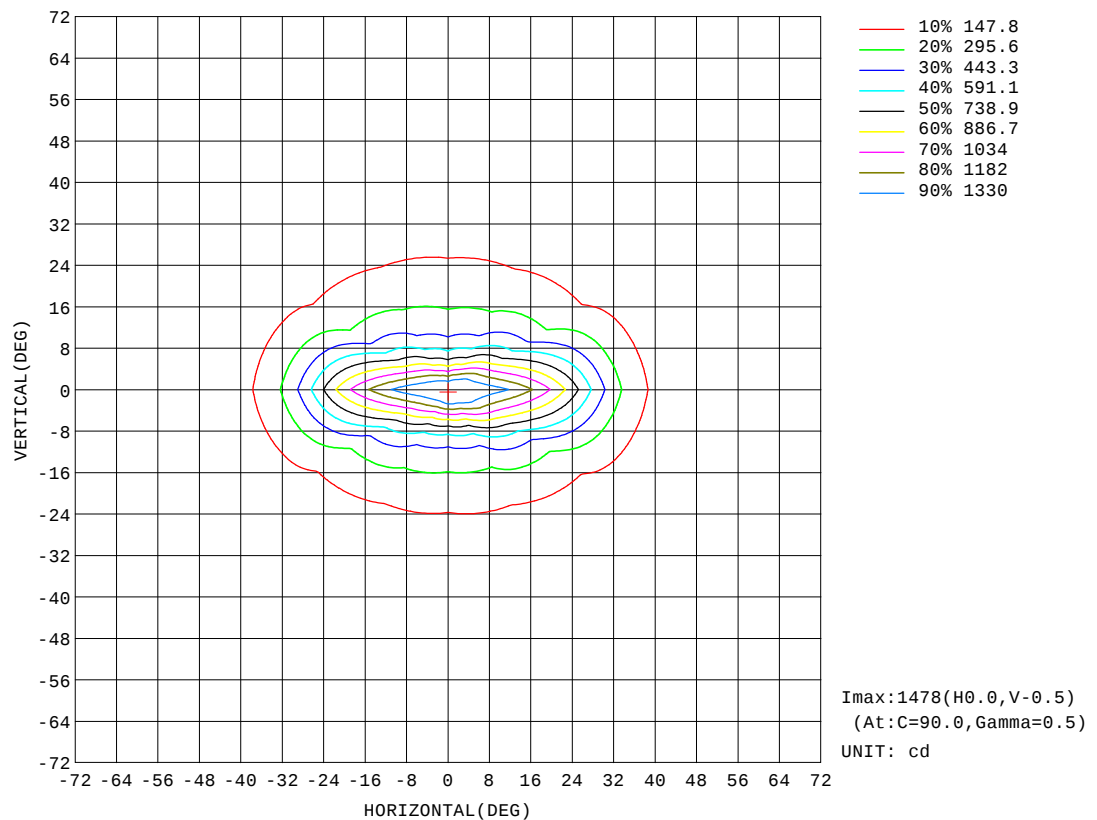
one-half-peak spread: U:6.6,D:6.3 , L:23.2,R:26.4 Beam Type: Type 5 x 4 (H x V)

H_(b) Range: -90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators: Fan
Test Date: 2023-10-09

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 Max-598mm-RGBW DS-GREEN-1050D-Rev1	TYPE:RGBW DS-GREEN	WEIGHT:
SPEC.:10x50 DEG	DIM.:598MM	SERIAL No.:IES001837
MFR.:	SUR.:	Shielding Angle:

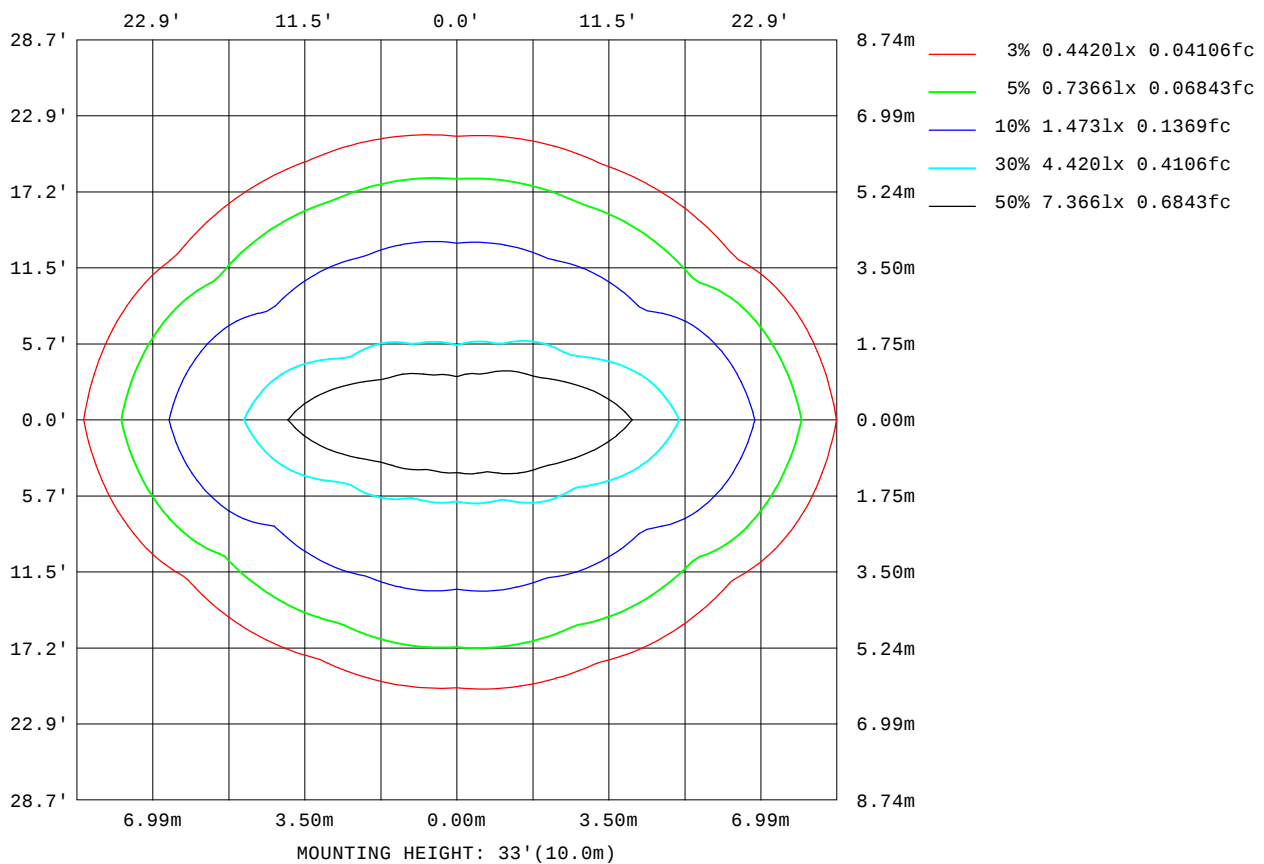


H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-10-09

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

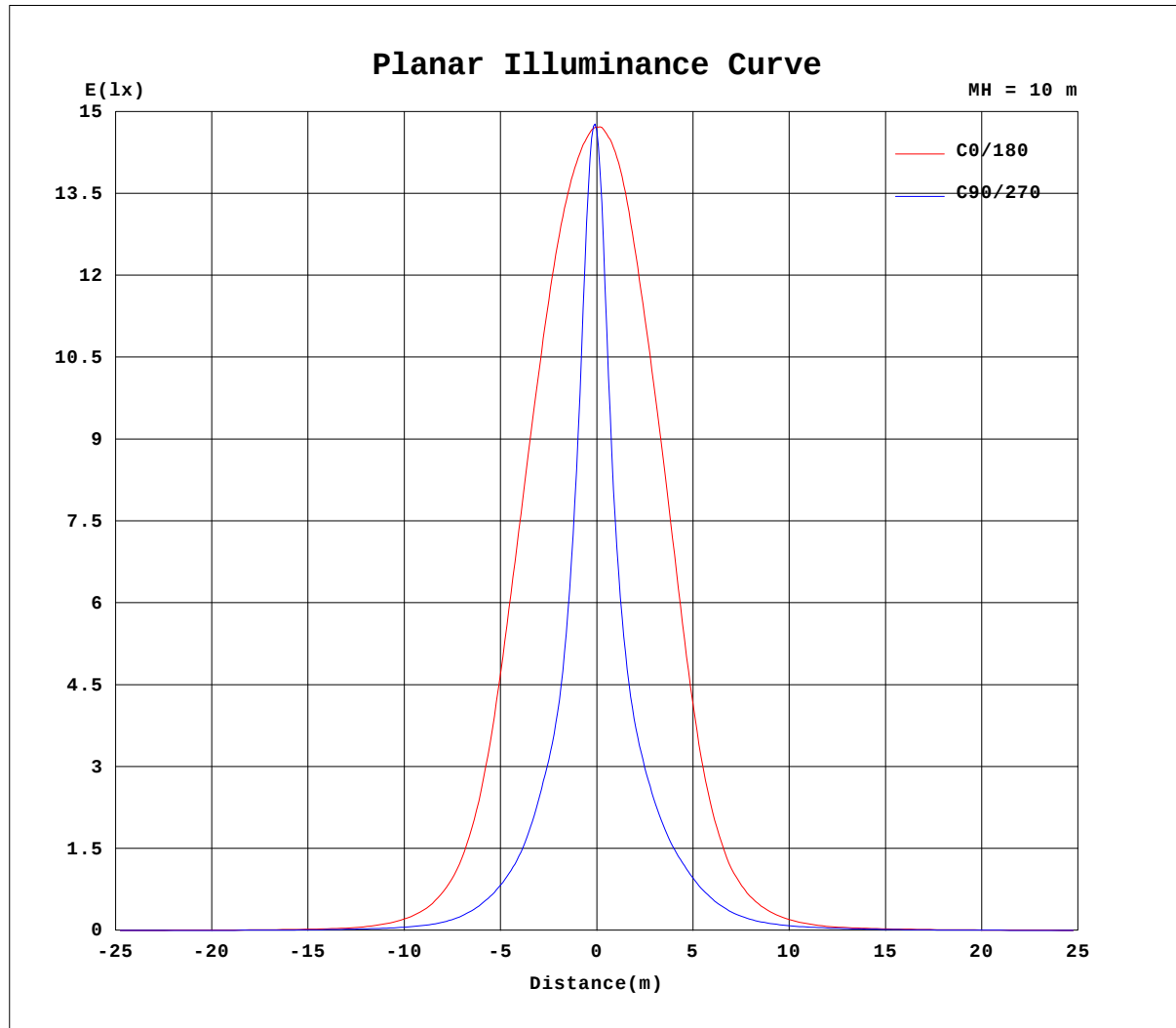
NAME:Blazeline Max-598mm-RGBW DS-GREEN-1050D-Rev1	TYPE:RGBW DS-GREEN	WEIGHT:
SPEC.:10x50 DEG	DIM.:598MM	SERIAL No.:IES001837
MFR.:	SUR.:	Shielding Angle:



H_(b) Range: -90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators: Fan
Test Date: 2023-10-09

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

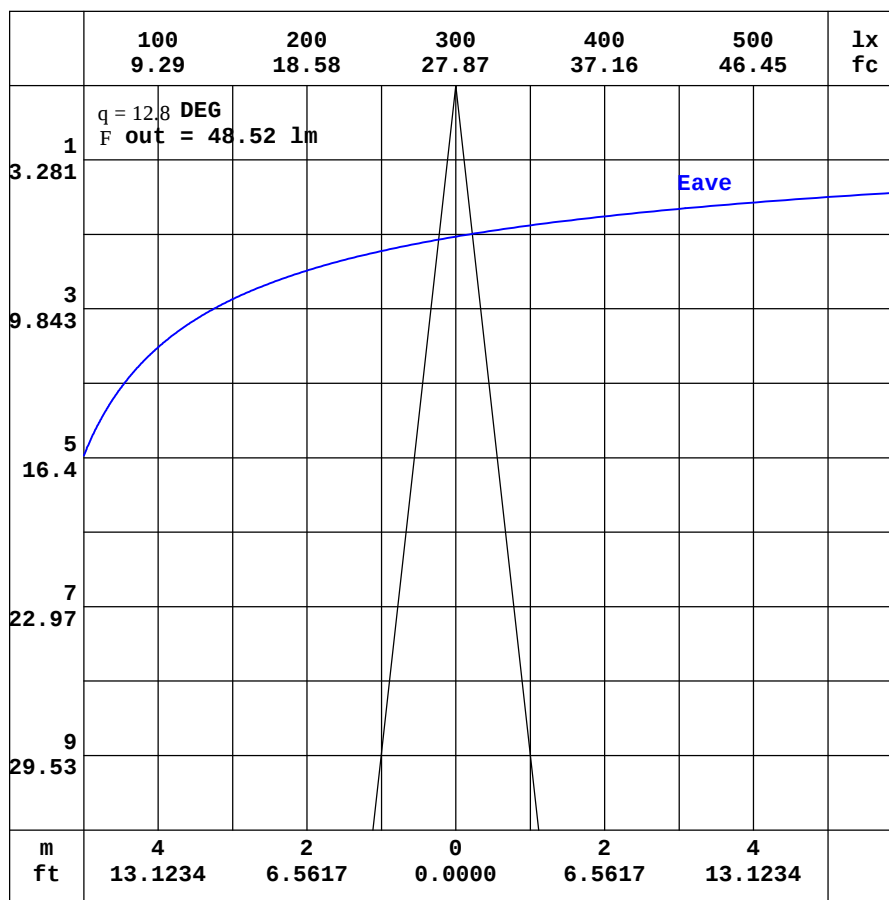


H_(b) Range: -90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators: Fan
Test Date: 2023-10-09

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 Max-598mm-RGBW DS-GREEN-1050D-Rev1	TYPE:RGBW DS-GREEN	WEIGHT:
SPEC.:10x50 DEG	DIM.:598MM	SERIAL No.:IES001837
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:2023-10-09

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 Max-598mm-RGBW DS-GREEN-1050D-Rev1	TYPE:RGBW DS-GREEN	WEIGHT:
SPEC.:10x50 DEG	DIM.:598MM	SERIAL No.:IES001837
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	1.86	1.70	1.64	1.66	1.75	1.91	2.15	2.43	2.72	3.00	3.24	3.44	3.59	3.64	3.62	3.59	3.53	3.52	3.52
-170	1.86	1.67	1.59	1.57	1.61	1.72	1.86	2.03	2.19	2.35	2.48	2.61	2.72	2.78	2.81	2.91	3.17	3.43	3.70
-160	1.86	1.64	1.53	1.48	1.47	1.50	1.56	1.61	1.65	1.67	1.68	1.69	1.74	2.03	2.31	2.59	2.83	3.03	3.15
-150	1.86	1.62	1.48	1.40	1.34	1.30	1.28	1.24	1.17	1.08	0.98	1.12	1.28	1.47	1.66	1.86	2.04	2.16	2.22
-140	1.86	1.60	1.43	1.32	1.23	1.14	1.05	0.95	0.81	0.75	0.75	0.79	0.84	0.92	1.00	1.14	1.28	1.38	1.45
-130	1.86	1.60	1.39	1.26	1.13	1.02	0.89	0.75	0.69	0.68	0.66	0.64	0.61	0.56	0.58	0.64	0.69	0.73	0.77
-120	1.86	1.59	1.38	1.20	1.06	0.92	0.78	0.67	0.67	0.67	0.66	0.64	0.62	0.58	0.58	0.58	0.58	0.58	0.59
-110	1.86	1.59	1.38	1.18	1.00	0.84	0.69	0.65	0.66	0.66	0.66	0.65	0.65	0.66	0.67	0.68	0.69	0.70	0.71
-100	1.86	1.61	1.38	1.17	0.97	0.79	0.61	0.61	0.61	0.62	0.63	0.63	0.64	0.65	0.67	0.68	0.69	0.71	0.72
-90	1.86	1.63	1.41	1.19	0.97	0.75	0.53	0.52	0.52	0.52	0.51	0.51	0.50	0.53	0.55	0.57	0.59	0.61	0.63
-80	1.86	1.66	1.46	1.25	1.02	0.79	0.53	0.53	0.56	0.59	0.61	0.63	0.63	0.66	0.69	0.71	0.74	0.76	0.77
-70	1.86	1.70	1.54	1.41	1.30	1.22	1.11	1.20	1.37	1.52	1.65	1.76	1.87	2.03	2.20	2.35	2.47	2.56	2.61
-60	1.86	1.75	1.70	1.78	2.09	2.33	2.32	2.25	2.61	3.05	3.52	3.91	4.25	4.60	5.08	5.48	5.81	6.02	6.13
-50	1.86	1.81	1.95	2.52	3.25	3.70	3.83	3.98	4.58	5.46	6.39	7.37	8.40	9.24	10.3	11.2	11.9	12.3	12.3
-40	1.86	1.88	2.28	3.40	4.48	5.17	5.80	6.57	7.33	8.84	11.6	14.9	18.1	21.0	23.1	26.0	27.9	28.6	27.6
-30	1.86	1.97	2.71	4.32	5.72	6.76	8.10	9.74	11.9	16.2	22.7	31.5	41.6	51.3	60.0	67.1	77.6	84.1	84.7
-20	1.86	2.06	3.15	5.13	6.85	8.33	10.6	13.4	18.4	28.2	44.5	64.7	84.3	113	143	170	189	208	204
-10	1.86	2.13	3.49	5.83	7.84	9.77	12.9	17.0	25.0	44.4	78.0	132	214	308	368	406	489	485	498
0	1.86	2.19	3.71	6.34	8.63	11.0	14.7	20.0	29.9	57.5	110	207	392	675	976	1195	1358	1451	1472
10	1.86	2.18	3.60	6.04	8.19	10.3	13.7	18.2	26.6	46.8	81.6	137	221	316	372	403	479	466	449
20	1.86	2.15	3.36	5.53	7.52	9.29	12.1	15.5	21.1	32.4	50.4	73.5	95.5	128	160	188	205	220	214
30	1.86	2.10	3.02	4.86	6.63	8.03	10.0	12.5	15.6	20.9	29.4	39.7	51.8	64.6	76.8	87.4	97.0	102	100
40	1.86	2.05	2.66	4.05	5.54	6.74	7.85	9.51	11.3	13.5	16.7	21.0	25.4	29.6	33.2	37.0	39.2	39.6	38.0
50	1.86	2.01	2.38	3.24	4.33	5.32	6.07	6.72	7.95	9.26	10.6	12.0	13.4	14.7	16.1	17.3	18.1	18.4	18.2
60	1.86	1.96	2.18	2.55	3.18	3.83	4.37	4.83	5.40	5.97	6.60	7.26	7.83	8.34	8.88	9.32	9.66	9.85	9.89
70	1.86	1.93	2.02	2.18	2.38	2.64	2.89	3.17	3.46	3.75	4.00	4.20	4.39	4.59	4.78	4.91	4.98	5.01	4.98
80	1.86	1.89	1.93	1.98	2.03	2.10	2.15	2.20	2.25	2.30	2.35	2.40	2.43	2.48	2.52	2.56	2.58	2.59	2.59
90	1.86	1.86	1.86	1.87	1.87	1.87	1.88	1.86	1.85	1.84	1.83	1.81	1.80	1.80	1.80	1.80	1.79	1.79	1.79
100	1.86	1.82	1.80	1.77	1.74	1.72	1.70	1.66	1.62	1.58	1.55	1.52	1.49	1.48	1.47	1.47	1.47	1.48	1.48
110	1.86	1.79	1.74	1.70	1.65	1.62	1.59	1.56	1.53	1.51	1.49	1.47	1.45	1.44	1.44	1.44	1.44	1.43	1.43
120	1.86	1.77	1.70	1.64	1.61	1.59	1.57	1.56	1.55	1.56	1.57	1.59	1.60	1.62	1.63	1.63	1.63	1.61	1.58
130	1.86	1.75	1.66	1.63	1.61	1.60	1.60	1.65	1.72	1.79	1.88	1.98	2.08	2.19	2.28	2.38	2.46	2.52	2.53
140	1.86	1.73	1.64	1.62	1.62	1.64	1.71	1.83	1.98	2.14	2.32	2.52	2.74	2.95	3.15	3.37	3.54	3.65	3.73
150	1.86	1.71	1.64	1.63	1.65	1.72	1.86	2.04	2.26	2.50	2.76	3.03	3.31	3.57	3.79	3.97	4.08	4.15	4.18
160	1.86	1.70	1.64	1.64	1.68	1.81	1.99	2.23	2.50	2.78	3.08	3.37	3.66	3.89	4.07	4.23	4.36	4.41	4.47
170	1.86	1.70	1.64	1.65	1.72	1.88	2.10	2.37	2.65	2.95	3.24	3.50	3.72	3.90	3.98	4.06	4.08	4.15	4.42
180	1.86	1.70	1.64	1.66	1.75	1.91	2.15	2.43	2.72	3.00	3.24	3.44	3.59	3.64	3.62	3.59	3.53	3.52	3.52

H_(b) Range: -90 - 90DEGH_(b) Interval: 0.5DEG

Test Speed: LOW

Temperature: 25.3DEG

Operators: Fan

Test Date: 2023-10-09

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 Max-598mm-RGBW DS-GREEN-1050D-Rev1	TYPE:RGBW DS-GREEN	WEIGHT:
SPEC.:10x50 DEG	DIM.:598MM	SERIAL No.:IES001837
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	3.25	3.03	2.81	2.57	2.28	1.99	1.70	1.41	1.19	1.00	0.86	0.77	0.70	0.68	0.68	0.64	0.56	0.51
-170	3.60	3.40	3.15	2.85	2.49	2.10	1.80	1.49	1.23	1.06	0.91	0.81	0.75	0.71	0.70	0.65	0.56	0.51
-160	3.09	2.96	2.87	2.62	2.27	1.99	1.75	1.43	1.22	1.07	0.93	0.84	0.78	0.74	0.75	0.66	0.56	0.51
-150	2.29	2.27	2.18	1.97	1.78	1.59	1.42	1.31	1.18	1.03	0.94	0.86	0.80	0.76	0.75	0.67	0.55	0.51
-140	1.45	1.42	1.35	1.26	1.19	1.13	1.10	1.07	1.05	1.03	0.95	0.89	0.82	0.78	0.71	0.67	0.55	0.51
-130	0.79	0.81	0.81	0.81	0.82	0.86	0.90	0.94	0.96	0.98	0.95	0.89	0.83	0.79	0.71	0.64	0.54	0.51
-120	0.63	0.67	0.71	0.75	0.80	0.85	0.89	0.92	0.92	0.92	0.92	0.87	0.81	0.75	0.71	0.62	0.54	0.51
-110	0.74	0.77	0.79	0.82	0.84	0.86	0.87	0.88	0.88	0.87	0.85	0.83	0.78	0.72	0.66	0.59	0.54	0.51
-100	0.74	0.76	0.79	0.81	0.82	0.84	0.83	0.82	0.81	0.80	0.78	0.77	0.72	0.67	0.62	0.58	0.54	0.51
-90	0.64	0.66	0.67	0.69	0.70	0.72	0.71	0.71	0.70	0.70	0.69	0.69	0.66	0.63	0.60	0.57	0.54	0.51
-80	0.80	0.83	0.86	0.88	0.89	0.90	0.88	0.86	0.82	0.79	0.74	0.70	0.69	0.66	0.62	0.57	0.54	0.51
-70	2.62	2.60	2.54	2.46	2.34	2.25	2.18	2.09	1.96	1.79	1.56	1.38	1.22	1.00	0.80	0.65	0.54	0.51
-60	6.08	5.92	5.66	5.30	4.89	4.61	4.34	4.02	3.65	3.27	2.87	2.62	2.29	1.85	1.23	0.82	0.58	0.51
-50	12.4	12.1	11.5	10.6	9.63	8.97	7.97	6.97	6.06	5.22	4.51	4.02	3.50	2.83	2.01	1.12	0.64	0.51
-40	28.9	28.5	26.7	23.8	21.8	19.2	16.2	13.0	9.98	7.87	6.62	5.59	4.71	3.83	2.73	1.42	0.67	0.51
-30	85.5	80.3	70.9	63.5	53.6	43.3	33.3	24.6	17.4	12.0	8.99	7.30	5.92	4.72	3.41	1.89	0.77	0.51
-20	209	192	178	151	121	89.6	68.9	47.0	29.3	17.6	11.7	8.87	7.08	5.53	4.00	2.27	0.83	0.51
-10	498	533	457	402	341	244	149	84.3	46.3	24.1	14.2	10.3	8.05	6.20	4.47	2.53	0.86	0.51
0	1440	1369	1230	1023	752	459	243	122	60.4	28.7	15.6	11.2	8.72	6.65	4.76	2.68	0.87	0.51
10	467	495	422	384	340	244	150	86.3	48.0	25.4	15.1	11.0	8.55	6.52	4.66	2.64	0.90	0.51
20	216	199	185	158	124	92.3	73.3	50.9	32.6	20.0	13.5	10.2	8.01	6.14	4.36	2.47	0.92	0.51
30	101	94.2	83.4	73.1	61.8	50.1	39.2	29.8	21.5	15.1	11.5	9.12	7.19	5.55	3.91	2.18	0.90	0.51
40	39.1	38.3	35.9	32.3	29.3	25.6	21.6	17.6	14.1	11.5	9.41	7.62	6.16	4.80	3.34	1.78	0.84	0.51
50	18.4	18.2	17.4	16.4	15.0	13.7	12.3	10.9	9.68	8.42	7.24	6.07	4.99	3.83	2.69	1.55	0.83	0.51
60	9.89	9.73	9.44	9.04	8.53	8.08	7.56	7.01	6.44	5.84	5.22	4.49	3.68	2.88	1.97	1.29	0.79	0.51
70	5.04	5.05	5.00	4.89	4.74	4.56	4.39	4.21	3.98	3.69	3.40	3.05	2.57	2.06	1.57	1.13	0.77	0.51
80	2.60	2.60	2.59	2.56	2.53	2.48	2.47	2.45	2.43	2.40	2.36	2.31	1.99	1.67	1.35	1.04	0.77	0.51
90	1.80	1.81	1.82	1.83	1.85	1.86	1.88	1.91	1.94	1.96	1.99	2.02	1.77	1.52	1.26	1.01	0.76	0.51
100	1.49	1.51	1.52	1.53	1.55	1.57	1.61	1.65	1.70	1.74	1.79	1.82	1.62	1.42	1.20	0.98	0.75	0.51
110	1.45	1.48	1.50	1.53	1.54	1.56	1.59	1.61	1.64	1.67	1.71	1.68	1.52	1.35	1.16	0.95	0.74	0.51
120	1.63	1.68	1.70	1.72	1.73	1.73	1.73	1.73	1.72	1.71	1.71	1.60	1.44	1.28	1.13	0.93	0.72	0.51
130	2.55	2.52	2.47	2.40	2.32	2.22	2.12	2.04	1.97	1.90	1.76	1.53	1.36	1.23	1.06	0.90	0.69	0.51
140	3.71	3.66	3.55	3.39	3.18	2.96	2.73	2.53	2.33	2.08	1.75	1.48	1.28	1.14	1.00	0.88	0.67	0.51
150	4.22	4.22	4.20	4.06	3.84	3.59	3.30	3.03	2.53	2.05	1.67	1.39	1.18	1.04	0.97	0.82	0.65	0.51
160	4.50	4.50	4.47	4.40	4.23	3.97	3.39	2.81	2.31	1.87	1.50	1.23	1.05	0.93	0.89	0.76	0.62	0.51
170	4.41	4.38	4.42	4.31	3.74	3.20	2.70	2.22	1.83	1.50	1.23	1.02	0.89	0.81	0.78	0.70	0.59	0.51
180	3.25	3.03	2.81	2.57	2.28	1.99	1.70	1.41	1.19	1.00	0.86	0.77	0.70	0.68	0.68	0.64	0.56	0.51

H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-10-09

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: