

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	3414.2 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	40.8V x 74.6H
	At 50% of Imax	10.9V x 49.6H
	At 90% of Imax	3.9V x 23.6H

Beam Flux	Total	1000.1 lumens per klm.
	To 10% of Imax	743.5 lumens per klm.
	To 50% of Imax	376.9 lumens per klm.
	To 90% of Imax	93.1 lumens per klm.

Upward LOR	2.3 %
Downward LOR	97.8 %

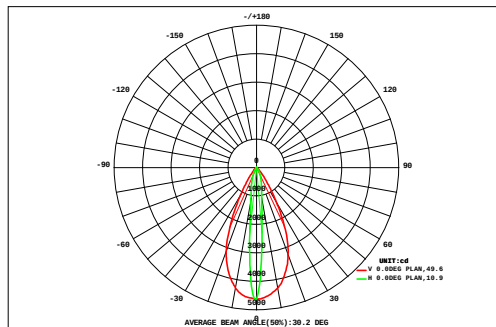
Luminaire Efficiency(Light Output Ratio)	100.0 %
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H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-10-08

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-All-1050D-Rev1	TYPE:RGBW 3000K-ALL	WEIGHT:
SPEC.:10x50 DEG	DIM.:598MM	SERIAL No.:IES001835
MFR.:	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:57.94lm/W	
MODEL		Imax(cd)	4630
NOMINAL POWER(W)	23.7	AVAILABILITY(%)	74.5
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	1010
NOMINAL FLUX(lm)	1356	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	1356
TEST VOLTAGE(V)	220	q @50%(H,V)	50,11DEG

		AREA FLUX DIAGRAM																UNIT:lm				F t	F a
VERTICAL (DEG)	72	0.05	0.08	0.12	0.16	0.20	0.23	0.26	0.28	0.29	0.29	0.28	0.26	0.23	0.20	0.16	0.13	0.09	0.05	3.37	0.00		
	64	0.07	0.12	0.17	0.23	0.30	0.36	0.42	0.47	0.49	0.50	0.47	0.42	0.36	0.30	0.24	0.18	0.12	0.06	5.26	0.00		
	56	0.09	0.15	0.22	0.32	0.43	0.55	0.66	0.76	0.80	0.80	0.76	0.66	0.55	0.44	0.33	0.23	0.15	0.08	7.99	0.00		
	48	0.11	0.19	0.29	0.43	0.63	0.87	1.09	1.28	1.34	1.33	1.27	1.08	0.87	0.64	0.44	0.29	0.18	0.09	12.4	0.00		
	40	0.13	0.23	0.37	0.60	0.99	1.48	1.96	2.39	2.60	2.59	2.36	1.92	1.46	0.99	0.61	0.35	0.20	0.11	21.4	0.00		
	32	0.15	0.27	0.47	0.86	1.56	2.56	3.65	4.64	5.29	5.27	4.59	3.60	2.51	1.55	0.85	0.42	0.23	0.12	38.6	0.00		
	24	0.17	0.32	0.58	1.24	2.60	4.29	6.65	8.65	9.62	9.55	8.57	6.65	4.31	2.65	1.23	0.50	0.25	0.13	67.9	23.2		
		0.18	0.35	0.69	1.76	4.66	9.93	14.1	17.9	18.6	18.8	18.6	14.6	11.0	5.13	1.81	0.58	0.26	0.13	139	120		
		0.19	0.38	0.77	2.29	7.39	21.2	40.6	51.0	56.8	60.1	53.3	42.6	24.3	8.58	2.43	0.65	0.27	0.13	373	361		
		0.19	0.37	0.76	2.25	7.30	21.0	40.2	50.2	58.4	63.7	54.9	43.0	24.3	8.55	2.40	0.63	0.26	0.13	379	366		
		0.17	0.33	0.63	1.64	4.41	9.47	13.3	17.1	19.2	20.1	19.7	15.2	11.0	5.02	1.72	0.53	0.24	0.12	140	120		
	-24	0.15	0.28	0.50	1.07	2.25	3.70	5.87	7.94	9.39	9.49	8.36	6.45	4.12	2.46	1.10	0.42	0.21	0.11	63.9	20.4		
	-32	0.13	0.23	0.37	0.66	1.22	2.02	2.93	3.81	4.51	4.57	3.97	3.16	2.19	1.30	0.68	0.33	0.18	0.10	32.3	0.00		
	-40	0.11	0.18	0.26	0.40	0.70	1.07	1.40	1.75	1.98	2.01	1.83	1.47	1.13	0.75	0.43	0.25	0.15	0.08	16.0	0.00		
	-48	0.09	0.13	0.18	0.27	0.41	0.57	0.71	0.85	0.90	0.91	0.87	0.73	0.59	0.43	0.28	0.18	0.12	0.07	8.28	0.00		
	-56	0.06	0.09	0.12	0.18	0.25	0.33	0.40	0.48	0.51	0.52	0.48	0.41	0.33	0.26	0.19	0.13	0.09	0.05	4.91	0.00		
-64	0.05	0.06	0.08	0.12	0.16	0.19	0.24	0.28	0.30	0.30	0.28	0.24	0.20	0.17	0.13	0.09	0.07	0.04	2.98	0.00			
-72	0.03	0.04	0.05	0.07	0.09	0.11	0.13	0.14	0.16	0.16	0.15	0.13	0.11	0.10	0.08	0.06	0.04	0.02	1.66	0.00			
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)				16	24	32	40	48	56	64	72			
F t	2.11	3.81	6.64	14.6	35.5	79.9	135	170	191	201	181	143	89.6	39.5	15.1	5.97	3.10	1.63	1318	---			
F a	0.00	0.00	0.00	0.00	9.29	56.6	108	144	165	175	155	116	67.1	14.1	0.00	0.00	0.00	0.00	---	1010			

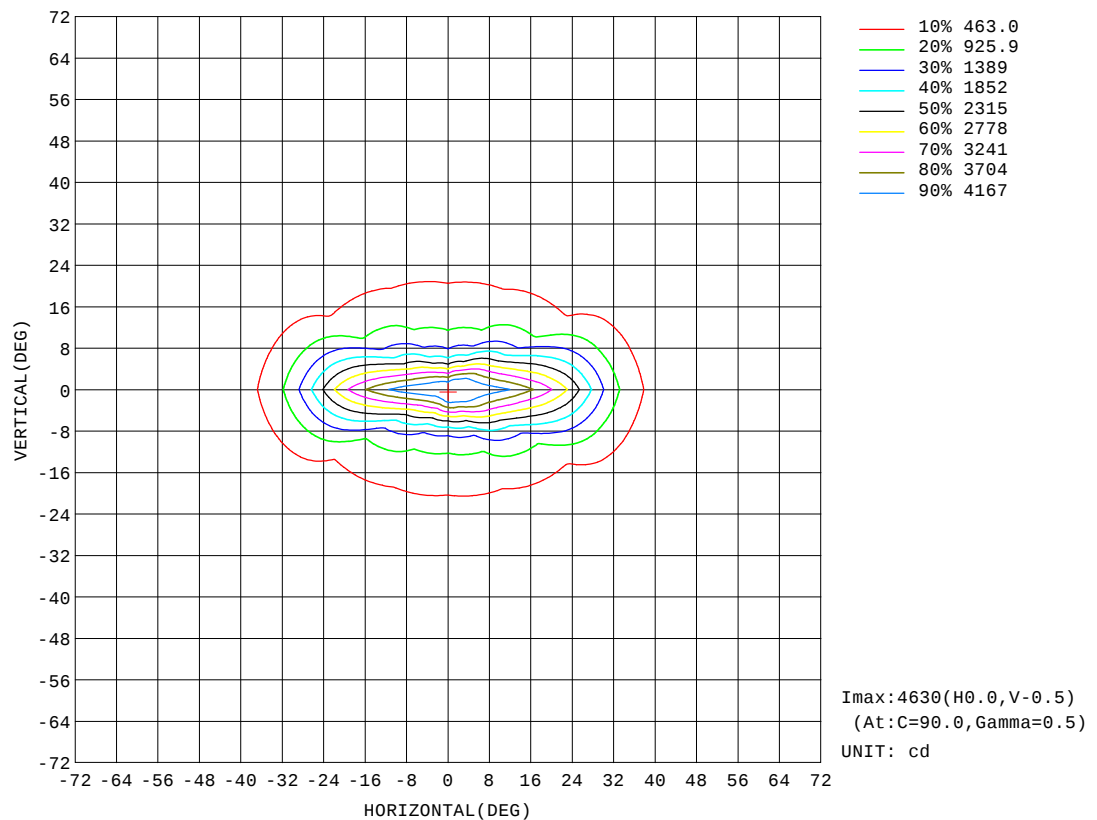
one-half-peak spread: U:5.6,D:5.4 , L:25.3,R:24.5 Beam Type: Type 5 x 3 (H x V)

H_(b) Range: -90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-10-08

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: DPII.06.OC83.14(30).LDAS2	TYPE:RGBW 3000K-ALL	WEIGHT:
SPEC.:10x50 DEG	DIM.: 598MM	SERIAL No.:IES001835
MFR.:	SUR.:	Shielding Angle:

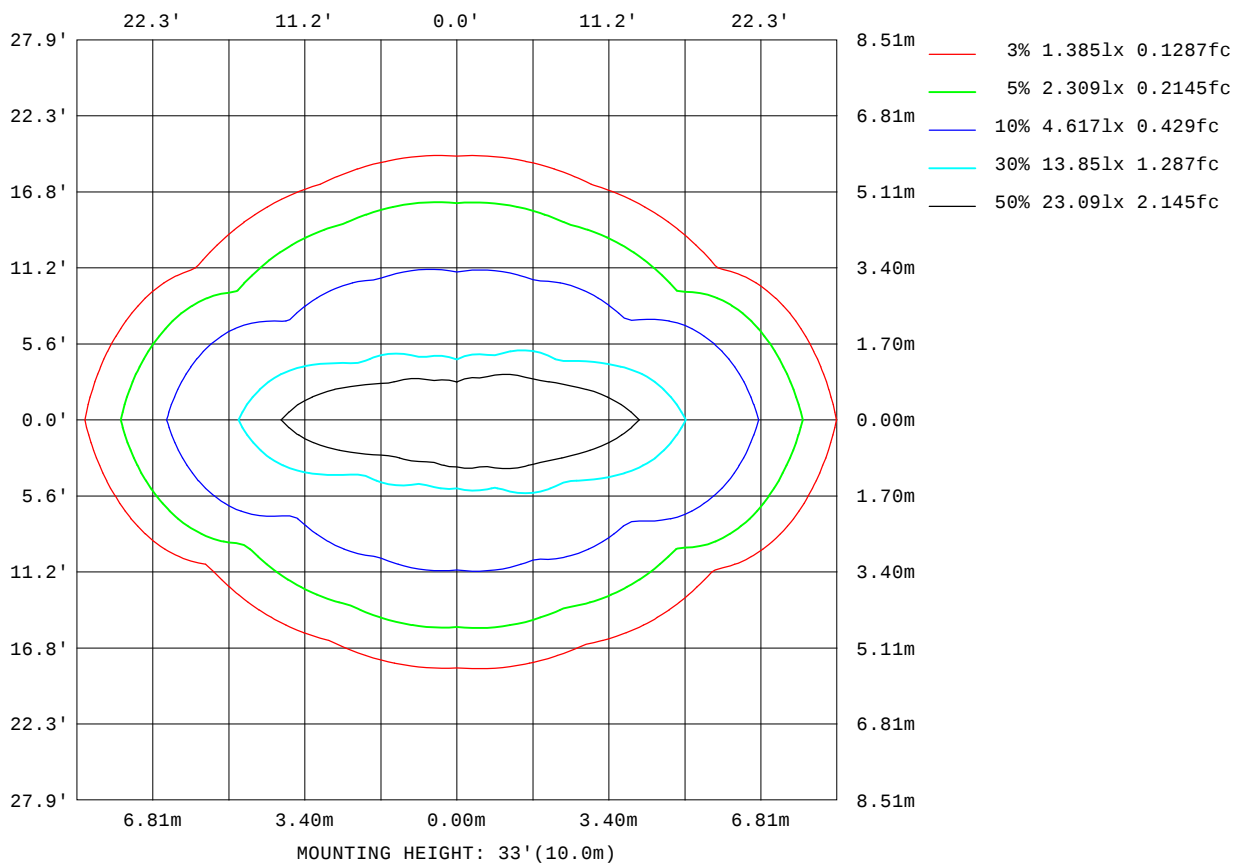


H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-10-08

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

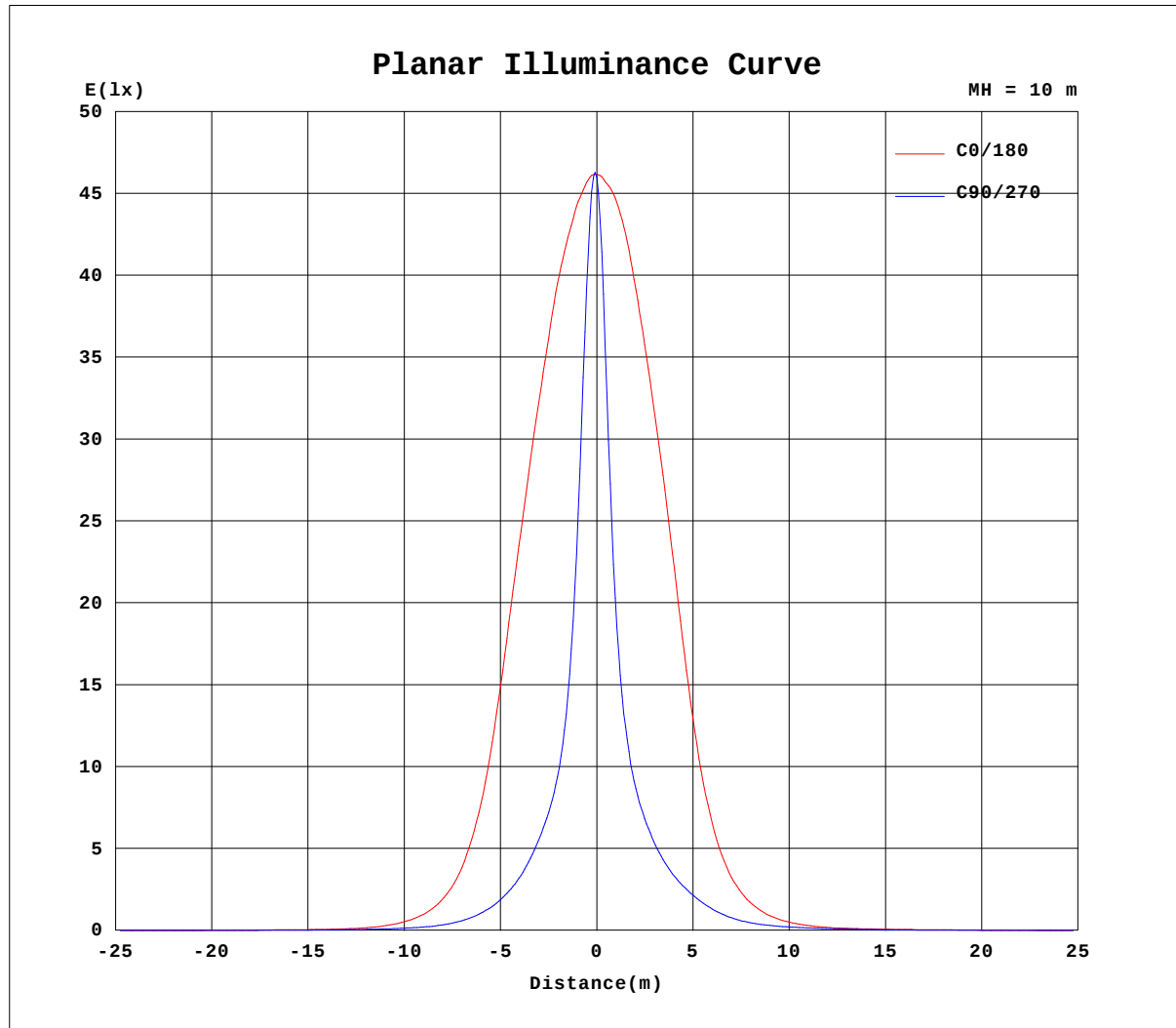
NAME:Blazeline Max-598mm-RGBW DS-All-1050D-Rev1	TYPE:RGBW 3000K-ALL	WEIGHT:
SPEC.:10x50 DEG	DIM.:598MM	SERIAL No.:IES001835
MFR.:	SUR.:	Shielding Angle:



H_(b) Range: -90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators: Fan
Test Date: 2023-10-08

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

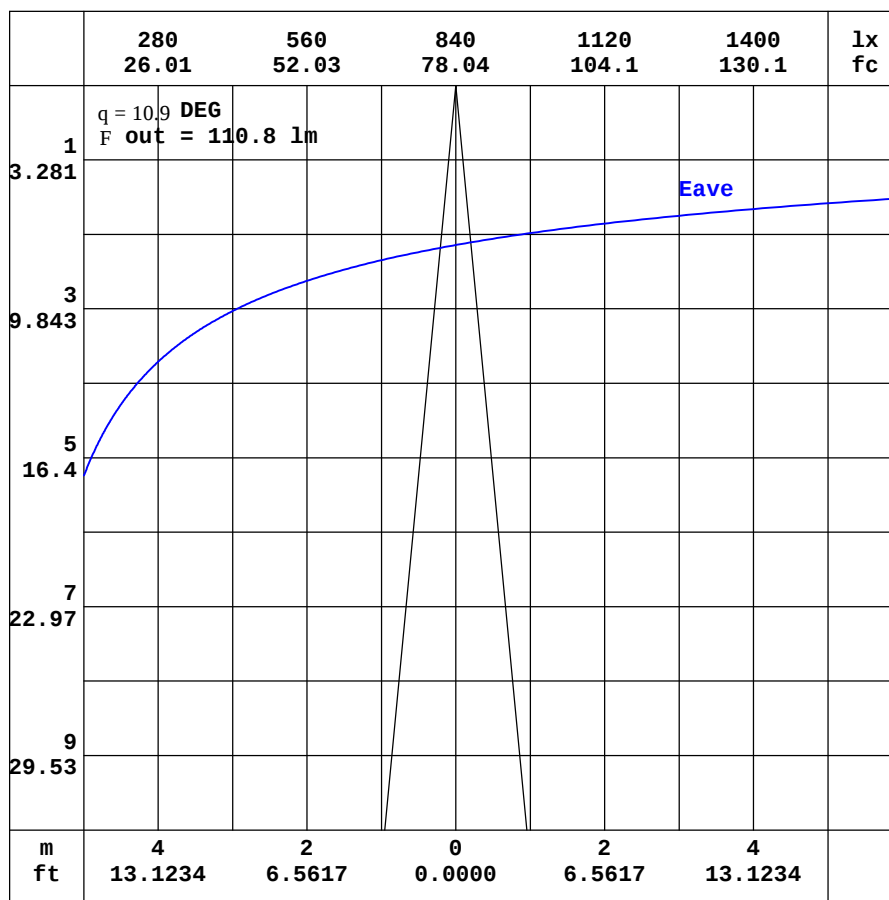


H_b Range: -90 - 90DEG
H_b Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators: Fan
Test Date: 2023-10-08

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-All-1050D-Rev1	TYPE:RGBW 3000K-ALL	WEIGHT:
SPEC.:10x50 DEG	DIM.:598MM	SERIAL No.:IES001835
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:2023-10-08

$V(B)$ 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-All-1050D-Rev1	TYPE:RGBW 3000K-ALL	WEIGHT:
SPEC.:10x50 DEG	DIM.:598MM	SERIAL No.:IES001835
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	5.13	4.69	4.45	4.44	4.64	5.08	5.72	6.49	7.30	8.05	8.69	9.19	9.53	9.60	9.50	9.21	8.95	8.79	8.61
-170	5.13	4.61	4.30	4.22	4.30	4.56	4.95	5.41	5.88	6.30	6.67	7.00	7.30	7.50	7.62	7.83	8.50	9.19	9.79
-160	5.13	4.55	4.16	4.00	3.95	4.02	4.16	4.31	4.42	4.48	4.52	4.56	4.73	5.54	6.32	7.09	7.76	8.19	8.39
-150	5.13	4.49	4.05	3.80	3.63	3.53	3.45	3.33	3.14	2.88	2.65	3.00	3.45	3.98	4.52	5.05	5.50	5.79	5.88
-140	5.13	4.45	3.96	3.61	3.35	3.12	2.89	2.60	2.22	2.05	2.03	2.11	2.24	2.45	2.66	2.97	3.23	3.39	3.45
-130	5.13	4.43	3.89	3.47	3.14	2.82	2.49	2.13	1.97	1.91	1.82	1.72	1.61	1.49	1.52	1.60	1.65	1.69	1.70
-120	5.13	4.42	3.85	3.37	2.97	2.61	2.24	1.96	1.97	1.95	1.90	1.83	1.73	1.63	1.57	1.51	1.46	1.41	1.38
-110	5.13	4.44	3.85	3.32	2.85	2.43	2.04	1.95	1.98	2.01	2.03	2.04	2.03	2.03	2.04	2.06	2.08	2.10	2.13
-100	5.13	4.48	3.88	3.32	2.79	2.29	1.83	1.83	1.88	1.92	1.96	1.99	2.02	2.06	2.09	2.11	2.14	2.16	2.18
-90	5.13	4.55	3.96	3.38	2.80	2.22	1.64	1.64	1.65	1.65	1.66	1.67	1.67	1.70	1.73	1.76	1.78	1.81	1.84
-80	5.13	4.63	4.10	3.54	3.00	2.41	1.71	1.72	1.77	1.82	1.86	1.86	1.84	1.88	1.93	1.97	2.00	2.01	2.00
-70	5.13	4.74	4.41	4.25	3.91	3.63	3.28	3.48	3.93	4.28	4.55	4.78	4.95	5.33	5.74	6.07	6.33	6.50	6.57
-60	5.13	4.87	5.11	5.24	5.93	6.55	6.54	6.35	7.24	8.25	9.23	10.1	10.9	11.7	12.9	13.8	14.6	15.2	15.4
-50	5.13	5.10	5.77	7.12	8.98	10.2	10.6	10.7	11.9	13.8	16.0	18.2	20.5	22.4	24.9	27.2	28.9	29.8	29.9
-40	5.13	5.47	6.60	9.47	12.4	14.2	15.7	17.2	18.3	21.5	27.6	34.7	41.7	47.7	51.9	58.4	62.7	64.6	63.2
-30	5.13	5.82	7.71	11.8	15.7	18.5	21.7	25.2	29.7	38.2	51.3	70.2	91.1	112	130	148	172	187	188
-20	5.13	6.11	8.83	14.1	18.7	22.8	28.2	34.5	45.4	67.0	104	149	181	245	317	380	425	476	479
-10	5.13	6.35	9.72	16.0	21.4	26.9	34.4	44.1	62.4	109	198	348	578	842	940	932	1151	1130	1193
0	5.13	6.53	10.3	17.4	23.6	30.3	39.5	51.9	75.9	146	297	593	1183	2133	3125	3804	4291	4550	4617
10	5.13	6.48	10.0	16.5	22.4	28.4	36.6	47.2	66.9	115	208	363	598	869	986	995	1193	1104	1066
20	5.13	6.35	9.39	15.1	20.5	25.4	32.2	40.2	53.1	78.3	120	173	214	283	359	424	458	491	479
30	5.13	6.17	8.50	13.3	18.1	22.0	26.9	32.6	39.7	51.4	69.3	91.6	118	145	169	190	213	228	228
40	5.13	5.91	7.59	11.2	15.1	18.4	21.3	25.2	29.0	34.2	41.7	51.1	60.7	69.8	77.3	85.6	90.5	91.8	88.9
50	5.13	5.61	6.90	9.01	11.8	14.5	16.5	18.3	21.0	24.0	27.1	30.4	33.8	37.1	40.3	43.3	45.3	46.3	46.1
60	5.13	5.43	6.35	7.22	8.81	10.5	11.9	13.2	14.6	16.0	17.4	18.9	20.2	21.4	22.8	23.9	24.8	25.3	25.3
70	5.13	5.33	5.68	6.27	6.71	7.30	7.98	8.68	9.44	10.1	10.7	11.2	11.5	12.0	12.4	12.7	12.9	12.9	12.8
80	5.13	5.23	5.34	5.46	5.65	5.83	5.94	6.06	6.19	6.32	6.44	6.55	6.63	6.73	6.81	6.87	6.90	6.91	6.88
90	5.13	5.13	5.13	5.12	5.12	5.12	5.12	5.10	5.08	5.06	5.04	5.02	5.00	4.97	4.95	4.93	4.90	4.88	4.86
100	5.13	5.04	4.95	4.85	4.76	4.68	4.59	4.48	4.38	4.28	4.18	4.10	4.03	4.00	3.98	3.96	3.95	3.94	3.94
110	5.13	4.95	4.79	4.64	4.50	4.37	4.26	4.17	4.08	4.02	3.96	3.90	3.84	3.82	3.82	3.81	3.79	3.78	3.77
120	5.13	4.88	4.66	4.48	4.34	4.24	4.20	4.15	4.16	4.18	4.20	4.21	4.21	4.22	4.27	4.28	4.25	4.20	4.10
130	5.13	4.82	4.57	4.38	4.29	4.27	4.31	4.46	4.64	4.83	5.04	5.28	5.55	5.83	6.07	6.30	6.52	6.67	6.70
140	5.13	4.77	4.50	4.35	4.32	4.40	4.62	4.95	5.38	5.83	6.30	6.84	7.42	8.01	8.56	9.18	9.65	9.99	10.2
150	5.13	4.74	4.46	4.36	4.39	4.61	4.98	5.50	6.12	6.81	7.54	8.28	9.04	9.74	10.3	10.8	11.1	11.2	11.3
160	5.13	4.71	4.44	4.39	4.49	4.81	5.34	6.00	6.75	7.56	8.38	9.21	10.0	10.6	11.1	11.4	11.7	11.8	11.9
170	5.13	4.69	4.44	4.41	4.58	4.98	5.59	6.34	7.16	7.98	8.75	9.46	10.1	10.5	10.8	10.8	10.8	11.0	11.6
180	5.13	4.69	4.45	4.44	4.64	5.08	5.72	6.49	7.30	8.05	8.69	9.19	9.53	9.60	9.50	9.21	8.95	8.79	8.60

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

Test Speed: LOW

Temperature:25.3DEG

Operators:Fan

Test Date:2023-10-08

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-All-1050D-Rev1	TYPE:RGBW 3000K-ALL	WEIGHT:
SPEC.:10x50 DEG	DIM.:598MM	SERIAL No.:IES001835
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	8.05	7.48	7.00	6.50	5.88	5.20	4.51	3.84	3.28	2.81	2.45	2.22	2.07	2.01	1.99	1.88	1.73	1.56
-170	9.58	8.95	8.28	7.42	6.44	5.46	4.66	3.96	3.32	2.85	2.46	2.23	2.11	2.04	2.02	1.89	1.73	1.56
-160	8.22	7.84	7.41	6.74	5.85	5.08	4.50	3.73	3.17	2.74	2.41	2.24	2.13	2.07	2.07	1.90	1.73	1.56
-150	5.97	5.86	5.56	5.01	4.53	4.05	3.59	3.27	2.90	2.54	2.36	2.23	2.15	2.09	2.07	1.90	1.72	1.56
-140	3.52	3.47	3.34	3.14	2.95	2.78	2.67	2.54	2.48	2.43	2.32	2.23	2.17	2.11	2.02	1.90	1.70	1.56
-130	1.80	1.86	1.90	1.93	1.97	2.05	2.15	2.23	2.29	2.32	2.31	2.24	2.17	2.12	1.98	1.87	1.69	1.56
-120	1.49	1.60	1.73	1.84	1.96	2.07	2.17	2.24	2.29	2.30	2.28	2.22	2.15	2.04	1.95	1.81	1.67	1.56
-110	2.15	2.19	2.22	2.26	2.30	2.33	2.32	2.31	2.28	2.25	2.21	2.15	2.06	1.98	1.86	1.75	1.64	1.56
-100	2.20	2.22	2.24	2.25	2.26	2.26	2.22	2.19	2.15	2.10	2.06	2.01	1.93	1.85	1.77	1.69	1.62	1.56
-90	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.84	1.83	1.79	1.74	1.70	1.65	1.61	1.56
-80	2.06	2.10	2.13	2.14	2.14	2.14	2.18	2.17	2.13	2.07	1.99	1.91	1.89	1.86	1.82	1.71	1.61	1.56
-70	6.56	6.44	6.25	5.98	5.63	5.35	5.26	5.12	4.89	4.56	4.11	3.67	3.26	2.70	2.22	1.90	1.67	1.56
-60	15.2	14.6	13.9	12.9	11.8	11.2	10.6	9.84	9.02	8.14	7.22	6.70	5.93	4.79	3.33	2.29	1.82	1.56
-50	29.9	29.1	27.4	25.1	22.7	21.0	18.9	16.6	14.7	12.8	11.2	10.0	8.85	7.27	5.16	2.95	1.90	1.56
-40	65.6	64.5	60.5	53.8	49.7	43.8	36.8	29.6	23.1	18.7	16.1	13.8	11.7	9.71	6.97	3.84	2.02	1.56
-30	190	178	157	140	120	97.3	74.9	55.4	39.4	27.8	21.5	17.8	14.6	11.8	8.74	4.89	2.18	1.56
-20	483	438	409	347	273	200	163	111	67.8	40.2	27.6	21.5	17.3	13.7	10.2	5.76	2.32	1.56
-10	1206	1351	1119	1062	965	683	399	218	113	55.5	33.2	24.7	19.5	15.2	11.3	6.41	2.41	1.56
0	4527	4294	3862	3251	2395	1403	703	330	151	66.5	36.5	26.9	21.1	16.3	12.1	6.76	2.46	1.56
10	1116	1259	1049	1027	959	685	405	223	118	59.3	36.0	26.7	20.9	16.1	11.9	6.68	2.54	1.56
20	486	450	422	360	283	212	175	122	76.9	47.2	32.8	25.3	19.8	15.4	11.2	6.29	2.56	1.56
30	227	212	186	166	142	115	91.0	69.9	51.1	36.8	28.5	22.8	18.0	14.1	10.1	5.66	2.53	1.56
40	91.3	89.5	84.3	76.0	69.2	60.9	51.8	42.6	34.9	28.9	23.8	19.3	15.7	12.4	8.59	4.80	2.46	1.56
50	46.2	45.3	43.2	40.3	37.1	34.1	30.7	27.5	24.5	21.6	18.7	15.6	12.9	10.0	6.96	4.07	2.41	1.56
60	25.3	24.8	24.0	22.9	21.6	20.4	19.3	18.0	16.6	15.2	13.7	11.8	9.68	7.54	5.25	3.52	2.38	1.56
70	12.9	12.9	12.8	12.5	12.1	11.7	11.4	11.0	10.5	9.80	9.05	8.13	6.80	5.44	4.22	3.15	2.25	1.56
80	6.91	6.90	6.86	6.79	6.71	6.61	6.58	6.52	6.44	6.35	6.25	6.09	5.30	4.49	3.73	2.92	2.19	1.56
90	4.88	4.91	4.93	4.96	4.98	5.01	5.05	5.10	5.15	5.20	5.24	5.29	4.67	4.05	3.43	2.80	2.18	1.56
100	3.96	3.99	4.01	4.05	4.08	4.13	4.21	4.29	4.39	4.49	4.60	4.68	4.24	3.77	3.27	2.73	2.16	1.56
110	3.81	3.85	3.89	3.92	3.95	3.99	4.04	4.09	4.15	4.21	4.29	4.25	3.91	3.55	3.13	2.66	2.13	1.56
120	4.22	4.31	4.36	4.38	4.37	4.37	4.38	4.37	4.35	4.32	4.29	4.03	3.68	3.34	3.01	2.59	2.11	1.56
130	6.72	6.60	6.41	6.21	5.97	5.69	5.43	5.20	5.00	4.82	4.46	3.91	3.50	3.20	2.85	2.52	2.06	1.56
140	10.1	9.87	9.49	8.94	8.35	7.74	7.13	6.56	6.00	5.35	4.50	3.83	3.34	3.00	2.71	2.42	2.01	1.56
150	11.3	11.2	11.1	10.7	10.2	9.47	8.70	7.95	6.62	5.33	4.37	3.66	3.14	2.79	2.60	2.29	1.96	1.56
160	11.9	11.9	11.8	11.6	11.2	10.5	8.96	7.44	6.11	4.95	3.99	3.32	2.86	2.56	2.43	2.16	1.89	1.56
170	11.7	11.7	11.9	11.4	9.85	8.44	7.15	5.95	4.93	4.06	3.33	2.82	2.50	2.30	2.20	2.02	1.81	1.56
180	8.05	7.48	7.00	6.50	5.88	5.20	4.51	3.84	3.28	2.81	2.45	2.22	2.07	2.01	1.99	1.88	1.73	1.56

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

Test Speed: LOW

Temperature:25.3DEG

Operators:Fan

Test Date:2023-10-08

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: