

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	2513.2 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	49.8V x 76.2H
	At 50% of Imax	20.9V x 43.1H
	At 90% of Imax	7.6V x 18.6H

Beam Flux	Total	1000.4 lumens per klm.
	To 10% of Imax	773.8 lumens per klm.
	To 50% of Imax	388.5 lumens per klm.
	To 90% of Imax	65.1 lumens per klm.

Upward LOR	2.3 %
Downward LOR	97.8 %

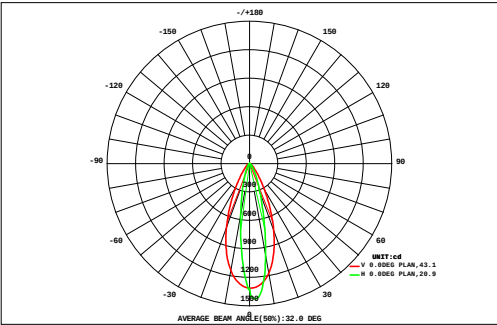
Luminaire Efficiency(Light Output Ratio)	100.0 %
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H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-06-29

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 Mini-600mm-TW-2200K-2040D-Rev1	TYPE:2200K	WEIGHT:
SPEC.:20X40 DEG	DIM.:600mm	SERIAL No.:IES002543
MFR.:	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:50.19lm/W	
MODEL		Imax(cd)	1425
NOMINAL POWER(W)	11.3	AVAILABILITY(%)	77.3
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	438.6
NOMINAL FLUX(lm)	567.1	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	567.1
TEST VOLTAGE(V)	220	q @50%(H,V)	43,21DEG

AREA FLUX DIAGRAM																	UNIT:lm			F t	F a
VERTICAL (DEG)	72	0.03	0.04	0.06	0.08	0.10	0.12	0.13	0.14	0.14	0.14	0.14	0.12	0.11	0.09	0.06	0.04	0.02	1.71	0.00	
	64	0.03	0.06	0.09	0.12	0.16	0.19	0.21	0.23	0.23	0.24	0.24	0.23	0.20	0.17	0.13	0.09	0.06	0.03	2.71	0.00
	56	0.04	0.07	0.12	0.18	0.25	0.30	0.34	0.38	0.38	0.39	0.40	0.37	0.33	0.27	0.21	0.14	0.08	0.03	4.29	0.00
	48	0.05	0.10	0.17	0.27	0.38	0.49	0.58	0.66	0.68	0.70	0.71	0.64	0.56	0.44	0.31	0.19	0.10	0.04	7.08	0.00
	40	0.06	0.13	0.23	0.39	0.60	0.84	1.07	1.29	1.37	1.41	1.40	1.22	0.99	0.71	0.46	0.25	0.12	0.05	12.6	0.00
	32	0.07	0.15	0.30	0.55	0.94	1.49	2.12	2.60	2.92	3.04	2.88	2.46	1.80	1.13	0.62	0.31	0.15	0.06	23.6	8.73
	24	0.08	0.18	0.37	0.73	1.41	2.64	4.36	5.76	6.69	6.99	6.44	5.11	3.20	1.66	0.79	0.37	0.17	0.06	47.0	40.1
		0.09	0.21	0.44	0.92	1.97	4.29	8.52	13.2	15.8	16.3	14.2	9.61	4.93	2.18	0.94	0.42	0.18	0.07	94.2	88.7
		0.09	0.22	0.49	1.07	2.48	5.91	12.2	19.9	25.3	25.6	20.8	13.0	6.33	2.58	1.03	0.44	0.18	0.07	138	133
		0.09	0.22	0.48	1.04	2.37	5.48	10.6	15.8	19.1	19.5	16.1	10.8	5.58	2.34	0.95	0.41	0.18	0.07	111	106
		0.08	0.19	0.40	0.82	1.69	3.32	5.54	7.61	8.62	8.62	7.52	5.28	3.17	1.59	0.74	0.35	0.16	0.06	55.8	49.3
	-24	0.07	0.16	0.32	0.59	1.07	1.78	2.68	3.21	3.53	3.49	3.08	2.46	1.58	0.95	0.52	0.27	0.13	0.05	26.0	13.3
-32	0.06	0.13	0.24	0.40	0.65	0.97	1.25	1.41	1.53	1.50	1.35	1.15	0.86	0.56	0.35	0.20	0.10	0.04	12.7	0.00	
-40	0.05	0.10	0.16	0.26	0.39	0.52	0.59	0.67	0.69	0.68	0.65	0.56	0.47	0.34	0.23	0.14	0.08	0.03	6.62	0.00	
-48	0.04	0.07	0.11	0.17	0.23	0.28	0.31	0.35	0.35	0.35	0.34	0.30	0.26	0.21	0.15	0.10	0.06	0.03	3.69	0.00	
-56	0.03	0.05	0.07	0.11	0.14	0.16	0.18	0.19	0.19	0.19	0.19	0.17	0.15	0.13	0.10	0.06	0.04	0.02	2.14	0.00	
-64	0.02	0.03	0.04	0.06	0.08	0.09	0.10	0.11	0.10	0.10	0.10	0.10	0.08	0.07	0.06	0.04	0.02	0.01	1.23	0.00	
-72	0.01	0.02	0.03	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.06	0.05	0.04	0.04	0.03	0.02	0.01	0.01	0.67	0.00	
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL(DEG)				16	24	32	40	48	56	64	72	
F t	0.97	2.12	4.13	7.80	14.9	28.9	50.8	73.5	87.7	89.3	76.6	53.6	30.7	15.5	7.70	3.87	1.85	0.75	551	---	
F a	0.00	0.00	0.00	0.00	4.05	20.6	43.3	65.9	80.2	82.0	69.1	46.1	22.7	4.82	0.00	0.00	0.00	0.00	---	439	

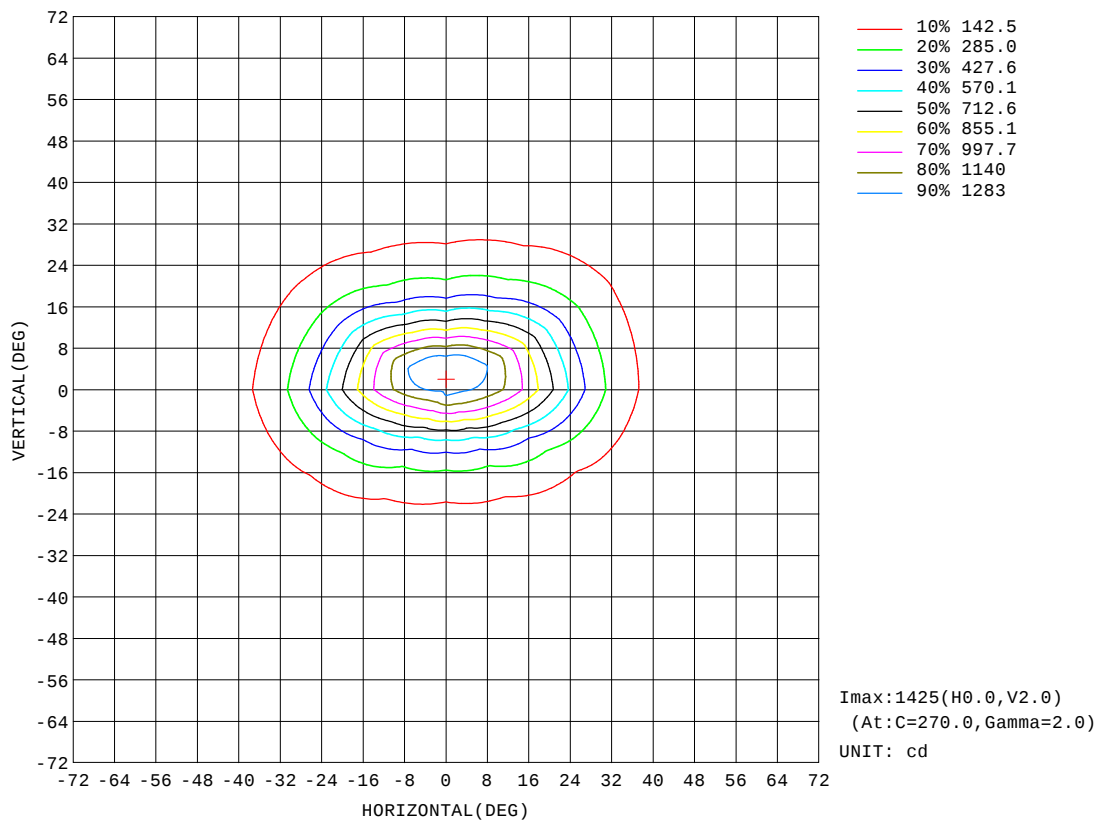
one-half-peak spread: U:9.9,D:11.2 , L:22.3,RN21MA0 Beam Type: Type 5 x 4 (H x V)

H_(b) Range: -90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-06-29

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 Mini-600mm-TW-2200K-2040D-Rev1	TYPE:2200K	WEIGHT:
SPEC.:20X40 DEG	DIM.:600mm	SERIAL No.:IES002543
MFR.:	SUR.:	Shielding Angle:

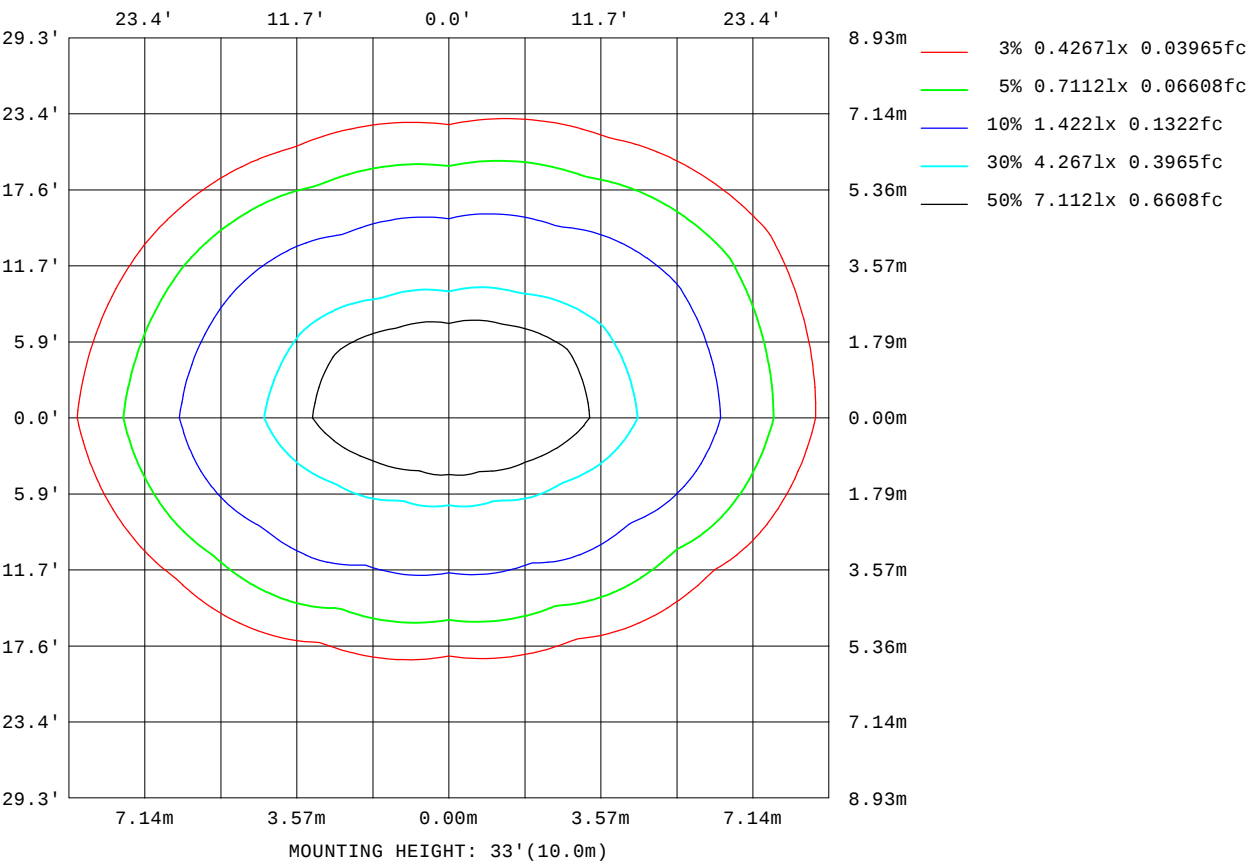


H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-06-29

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:

ISOLUX DIAGRAM

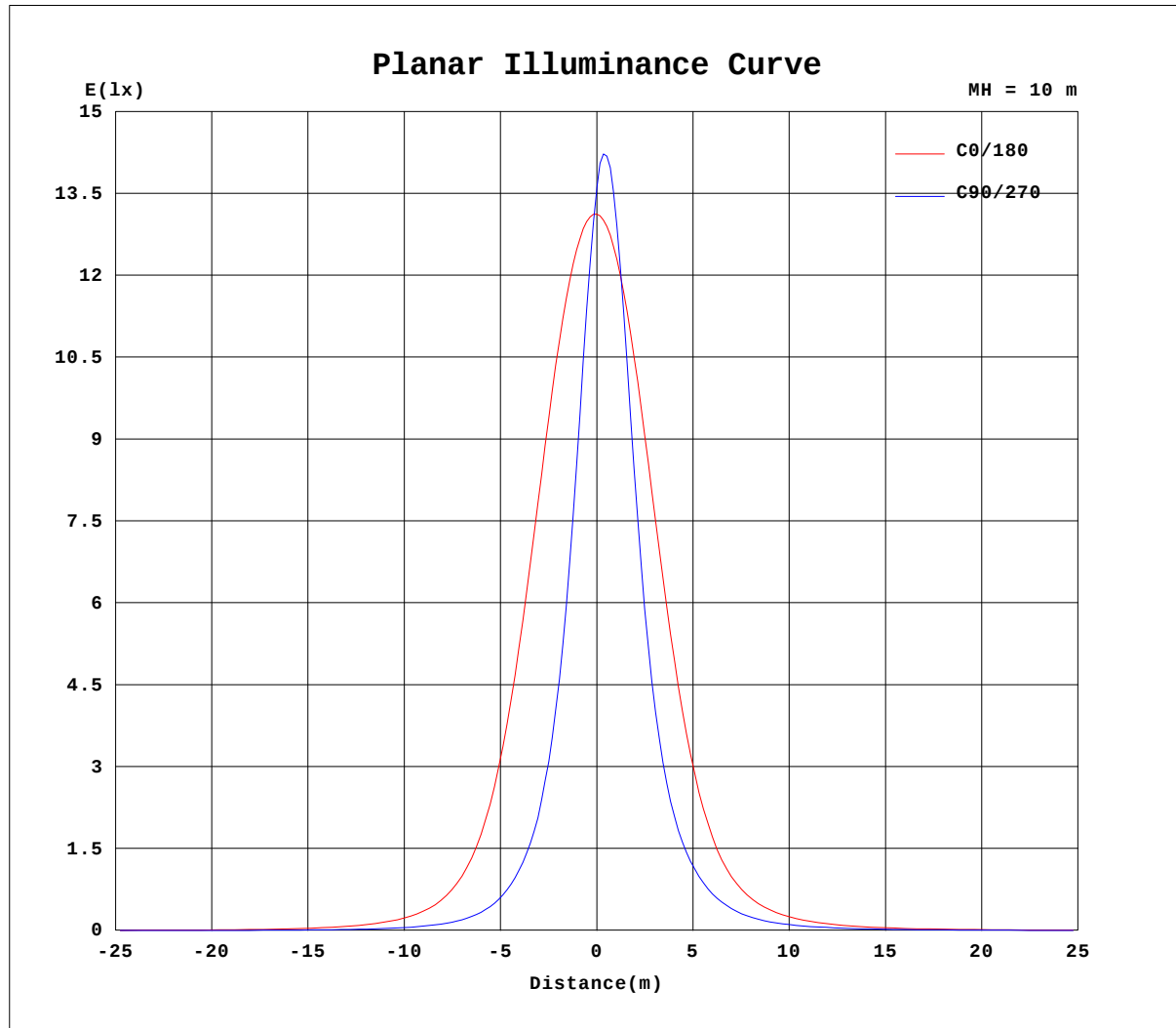
NAME:Blazeline Mini-600mm-TW-2200K-2040D-Rev1	TYPE:2200K	WEIGHT:
SPEC.:20X40 DEG	DIM.:600mm	SERIAL No.:IES002543
MFR.:	SUR.:	Shielding Angle:



H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-06-29

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

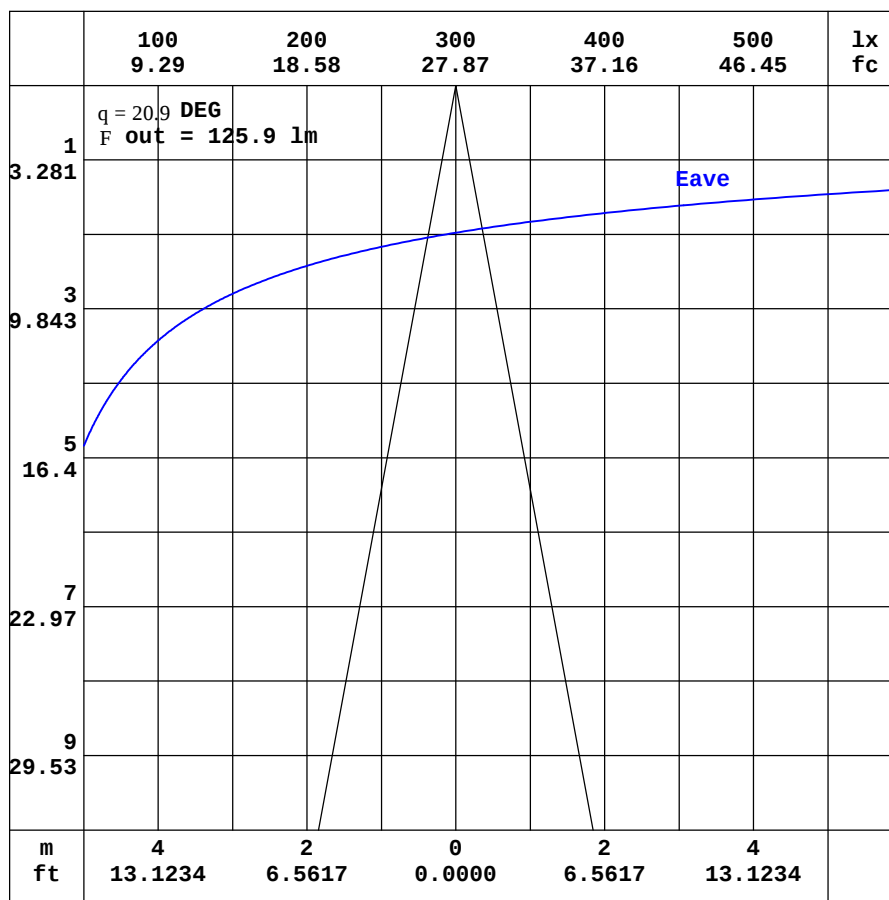


H_(b) Range: -90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-06-29

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 Mini-600mm-TW-2200K-2040D-Rev1	TYPE:2200K	WEIGHT:
SPEC.:20X40 DEG	DIM.:600mm	SERIAL No.:IES002543
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: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-06-29

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 Mini-600mm-TW-2200K-2040D-Rev1	TYPE:2200K	WEIGHT:
SPEC.:20X40 DEG	DIM.:600mm	SERIAL No.:IES002543
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	2.28	2.07	1.96	1.96	2.02	2.18	2.44	2.78	3.16	3.52	3.84	4.10	4.28	4.31	4.27	4.15	4.01	3.93	4.16
-170	2.28	2.04	1.90	1.86	1.87	1.96	2.12	2.32	2.55	2.77	2.97	3.13	3.24	3.27	3.24	3.26	3.51	3.69	3.87
-160	2.28	2.01	1.84	1.76	1.72	1.74	1.78	1.85	1.92	1.99	2.03	2.07	2.12	2.46	2.79	3.10	3.37	3.54	3.64
-150	2.28	2.00	1.79	1.67	1.59	1.53	1.48	1.43	1.36	1.28	1.22	1.40	1.63	1.88	2.13	2.38	2.57	2.71	2.77
-140	2.28	1.98	1.75	1.59	1.47	1.36	1.25	1.12	0.96	0.90	0.94	1.00	1.10	1.21	1.34	1.48	1.59	1.66	1.68
-130	2.28	1.98	1.73	1.53	1.38	1.23	1.08	0.92	0.84	0.82	0.80	0.77	0.75	0.74	0.78	0.82	0.85	0.87	0.87
-120	2.28	1.98	1.72	1.50	1.31	1.14	0.97	0.85	0.84	0.82	0.80	0.76	0.73	0.69	0.66	0.64	0.62	0.60	0.59
-110	2.28	1.99	1.73	1.49	1.28	1.09	0.90	0.85	0.86	0.87	0.86	0.86	0.84	0.82	0.80	0.78	0.77	0.75	0.74
-100	2.28	2.01	1.76	1.52	1.29	1.07	0.86	0.85	0.86	0.87	0.88	0.89	0.90	0.90	0.90	0.89	0.89	0.88	0.88
-90	2.28	2.04	1.80	1.56	1.32	1.09	0.85	0.85	0.84	0.84	0.84	0.84	0.84	0.84	0.83	0.83	0.83	0.82	0.82
-80	2.28	2.08	1.86	1.65	1.44	1.19	0.89	0.90	0.93	0.97	0.99	1.00	1.01	1.01	1.01	1.00	0.98	0.96	0.94
-70	2.28	2.12	2.06	1.99	1.83	1.69	1.55	1.65	1.85	2.03	2.18	2.27	2.27	2.34	2.42	2.47	2.47	2.44	2.37
-60	2.28	2.21	2.37	2.39	2.54	2.75	2.96	3.28	3.89	4.40	4.80	5.04	5.12	5.15	5.38	5.50	5.50	5.38	5.14
-50	2.28	2.35	2.64	3.00	3.62	4.38	5.25	6.03	7.00	8.20	9.27	10.1	10.5	10.5	10.9	11.3	11.4	11.2	10.6
-40	2.28	2.54	2.95	3.75	4.97	6.53	8.31	10.1	11.9	14.2	16.9	19.4	21.5	22.5	22.3	24.1	25.0	24.8	23.4
-30	2.28	2.69	3.32	4.61	6.50	9.04	12.0	15.5	19.5	24.2	29.8	37.2	44.9	51.6	55.2	56.1	61.5	62.9	59.2
-20	2.28	2.81	3.66	5.43	8.04	11.7	16.1	21.8	29.4	39.3	52.8	70.5	91.1	118	144	162	164	178	171
-10	2.28	2.91	3.95	6.11	9.37	14.0	20.1	28.2	39.8	57.0	83.4	125	189	271	358	435	508	528	549
0	2.28	2.99	4.16	6.58	10.3	15.7	22.9	33.0	48.2	71.4	111	179	303	484	714	950	1145	1268	1312
10	2.28	2.97	4.10	6.38	9.83	14.8	21.3	30.2	43.1	62.4	92.6	143	225	351	526	732	872	968	984
20	2.28	2.93	3.94	5.94	8.90	13.1	18.4	25.3	34.8	48.0	66.7	93.6	133	180	234	276	303	335	325
30	2.28	2.86	3.72	5.33	7.66	10.9	14.9	19.7	25.8	33.6	43.4	55.0	68.3	82.6	95.9	105	116	121	118
40	2.28	2.76	3.45	4.62	6.33	8.56	11.3	14.4	18.0	22.0	26.3	30.8	35.1	38.9	41.6	45.6	47.9	48.2	46.2
50	2.28	2.59	3.19	3.95	5.08	6.45	8.13	10.0	12.0	13.9	15.9	17.6	19.0	19.9	21.1	22.0	22.5	22.4	21.6
60	2.28	2.48	2.97	3.38	3.98	4.77	5.63	6.59	7.59	8.55	9.45	10.1	10.7	11.1	11.6	11.9	12.0	12.0	11.7
70	2.28	2.40	2.67	2.97	3.22	3.54	3.90	4.31	4.70	5.07	5.43	5.73	5.96	6.18	6.37	6.49	6.53	6.51	6.42
80	2.28	2.36	2.44	2.56	2.71	2.84	2.93	3.01	3.09	3.17	3.25	3.32	3.37	3.43	3.48	3.51	3.52	3.51	3.49
90	2.28	2.32	2.36	2.39	2.43	2.47	2.51	2.48	2.46	2.43	2.41	2.38	2.36	2.34	2.32	2.30	2.28	2.26	2.24
100	2.28	2.28	2.27	2.27	2.26	2.26	2.25	2.20	2.12	2.05	2.00	1.95	1.89	1.86	1.84	1.83	1.82	1.81	1.81
110	2.28	2.24	2.19	2.15	2.10	2.08	2.05	1.97	1.88	1.82	1.77	1.71	1.67	1.66	1.66	1.65	1.65	1.64	1.63
120	2.28	2.20	2.12	2.06	2.02	1.95	1.91	1.84	1.81	1.78	1.76	1.76	1.77	1.78	1.78	1.77	1.77	1.75	1.72
130	2.28	2.17	2.07	2.00	1.95	1.91	1.87	1.86	1.88	1.95	2.02	2.10	2.18	2.26	2.35	2.44	2.49	2.52	2.51
140	2.28	2.14	2.03	1.97	1.93	1.91	1.93	2.02	2.14	2.31	2.49	2.70	2.92	3.15	3.35	3.56	3.72	3.82	3.87
150	2.28	2.12	2.00	1.95	1.93	1.97	2.07	2.25	2.48	2.75	3.04	3.35	3.67	3.95	4.20	4.41	4.54	4.62	4.66
160	2.28	2.10	1.98	1.95	1.96	2.05	2.22	2.48	2.79	3.14	3.48	3.82	4.13	4.39	4.60	4.75	4.86	4.91	4.98
170	2.28	2.08	1.97	1.95	1.99	2.13	2.36	2.67	3.03	3.40	3.75	4.06	4.31	4.48	4.56	4.60	4.59	4.66	4.91
180	2.28	2.07	1.96	1.96	2.02	2.18	2.44	2.78	3.16	3.52	3.84	4.10	4.28	4.31	4.27	4.15	4.01	3.93	4.21

H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-06-29

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 Mini-600mm-TW-2200K-2040D-Rev1	TYPE:2200K	WEIGHT:
SPEC.:20X40 DEG	DIM.:600mm	SERIAL No.:IES002543
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	3.59	3.33	3.10	2.87	2.59	2.26	1.92	1.62	1.36	1.14	1.00	0.92	0.87	0.85	0.84	0.79	0.72	0.68
-170	3.71	3.55	3.32	3.02	2.73	2.36	1.98	1.64	1.35	1.13	0.99	0.91	0.87	0.85	0.84	0.79	0.72	0.68
-160	3.54	3.39	3.12	2.84	2.52	2.21	1.84	1.51	1.25	1.07	0.95	0.88	0.86	0.85	0.84	0.79	0.72	0.68
-150	2.72	2.59	2.41	2.18	1.93	1.69	1.46	1.27	1.09	0.97	0.91	0.87	0.86	0.85	0.83	0.79	0.72	0.68
-140	1.67	1.61	1.51	1.38	1.25	1.14	1.04	0.97	0.93	0.90	0.87	0.86	0.86	0.85	0.83	0.78	0.71	0.68
-130	0.88	0.87	0.84	0.81	0.78	0.78	0.80	0.82	0.83	0.85	0.86	0.86	0.86	0.84	0.81	0.77	0.71	0.68
-120	0.61	0.63	0.65	0.68	0.71	0.74	0.78	0.82	0.84	0.86	0.87	0.86	0.85	0.83	0.80	0.75	0.70	0.68
-110	0.76	0.77	0.79	0.82	0.85	0.87	0.87	0.87	0.87	0.87	0.87	0.86	0.85	0.82	0.77	0.73	0.70	0.68
-100	0.88	0.88	0.88	0.88	0.88	0.88	0.87	0.87	0.86	0.85	0.84	0.83	0.80	0.77	0.74	0.71	0.69	0.68
-90	0.81	0.80	0.78	0.77	0.76	0.75	0.75	0.75	0.75	0.75	0.76	0.76	0.74	0.73	0.72	0.70	0.69	0.68
-80	0.95	0.95	0.94	0.93	0.91	0.90	0.89	0.88	0.86	0.83	0.79	0.76	0.76	0.77	0.77	0.73	0.69	0.68
-70	2.41	2.42	2.39	2.32	2.22	2.13	2.09	1.99	1.84	1.67	1.47	1.29	1.13	0.98	0.86	0.81	0.73	0.68
-60	5.33	5.41	5.37	5.22	4.96	4.85	4.71	4.42	4.02	3.53	2.97	2.44	1.96	1.52	1.14	0.89	0.78	0.68
-50	11.1	11.2	11.0	10.5	10.0	9.83	9.26	8.41	7.40	6.33	5.31	4.34	3.28	2.34	1.57	1.05	0.83	0.68
-40	24.4	24.3	23.1	21.2	20.9	19.5	17.4	15.0	12.6	10.4	8.61	6.82	5.03	3.39	2.14	1.26	0.85	0.68
-30	61.8	59.5	53.4	51.0	46.4	39.7	32.5	25.9	21.0	16.8	13.0	9.80	7.05	4.60	2.72	1.47	0.88	0.68
-20	176	159	152	132	105	79.5	62.5	46.8	34.4	25.2	18.3	13.1	9.05	5.77	3.27	1.68	0.91	0.68
-10	530	510	426	346	263	183	120	77.2	51.0	34.5	23.6	16.1	10.8	6.75	3.73	1.84	0.93	0.68
0	1282	1174	986	748	507	312	181	106	65.1	41.8	27.6	18.3	12.0	7.35	3.99	1.92	0.94	0.68
10	1005	923	792	587	397	253	156	96.6	61.8	40.6	27.1	18.1	12.0	7.38	4.06	2.00	0.99	0.68
20	354	336	318	275	218	163	111	75.2	51.3	35.2	24.2	16.6	11.1	6.93	3.88	1.98	1.03	0.68
30	127	127	117	111	98.2	81.9	66.1	52.2	38.4	27.8	19.9	14.1	9.65	6.09	3.56	1.90	1.05	0.68
40	50.1	51.4	50.2	46.6	44.4	40.7	35.9	30.7	25.6	20.4	15.3	11.2	7.79	5.06	3.12	1.77	1.06	0.68
50	23.0	23.7	23.6	22.8	21.8	21.1	19.7	17.9	15.7	13.5	11.0	8.23	5.87	4.02	2.60	1.62	1.07	0.68
60	12.1	12.4	12.4	12.2	11.8	11.4	11.0	10.3	9.39	8.33	7.14	5.64	4.26	3.09	2.17	1.49	1.05	0.68
70	6.56	6.64	6.63	6.54	6.37	6.18	5.97	5.67	5.28	4.86	4.43	3.84	3.08	2.41	1.85	1.41	1.00	0.68
80	3.51	3.51	3.49	3.46	3.40	3.33	3.27	3.20	3.11	3.02	2.93	2.81	2.41	2.03	1.67	1.30	0.96	0.68
90	2.24	2.24	2.23	2.23	2.23	2.22	2.24	2.27	2.29	2.32	2.34	2.36	2.08	1.80	1.52	1.24	0.96	0.68
100	1.81	1.81	1.81	1.82	1.83	1.84	1.88	1.92	1.97	2.01	2.06	2.09	1.89	1.67	1.44	1.20	0.95	0.68
110	1.65	1.66	1.68	1.69	1.70	1.71	1.74	1.77	1.80	1.85	1.90	1.89	1.73	1.57	1.37	1.16	0.93	0.68
120	1.76	1.79	1.81	1.82	1.82	1.82	1.81	1.81	1.81	1.83	1.86	1.75	1.61	1.47	1.31	1.12	0.91	0.68
130	2.55	2.54	2.50	2.44	2.36	2.27	2.18	2.09	2.01	1.94	1.82	1.65	1.51	1.38	1.24	1.08	0.89	0.68
140	3.84	3.75	3.62	3.44	3.24	3.01	2.79	2.58	2.38	2.13	1.80	1.57	1.41	1.29	1.17	1.03	0.86	0.68
150	4.65	4.58	4.47	4.28	4.03	3.74	3.43	3.13	2.61	2.12	1.75	1.48	1.30	1.19	1.09	0.98	0.83	0.68
160	4.99	4.97	4.85	4.69	4.48	4.21	3.59	2.98	2.42	1.96	1.60	1.34	1.18	1.09	1.02	0.92	0.80	0.68
170	4.89	4.87	4.82	4.47	3.97	3.45	2.92	2.42	1.99	1.62	1.34	1.15	1.04	0.97	0.93	0.85	0.76	0.68
180	3.59	3.33	3.10	2.87	2.59	2.26	1.92	1.62	1.36	1.14	1.00	0.92	0.87	0.85	0.84	0.79	0.72	0.68

H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-06-29

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: