

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	2472.6 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	49.7V x 75.9H
	At 50% of Imax	21.2V x 43.0H
	At 90% of Imax	7.7V x 18.5H

Beam Flux	Total	1000.4 lumens per klm.
	To 10% of Imax	778.1 lumens per klm.
	To 50% of Imax	388.3 lumens per klm.
	To 90% of Imax	76.5 lumens per klm.

Upward LOR	2.3 %
Downward LOR	97.7 %

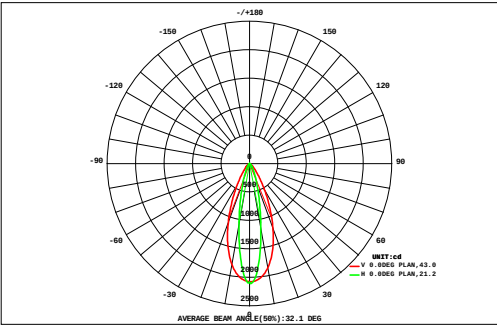
Luminaire Efficiency(Light Output Ratio)	100.0 %
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H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-06-29

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-6000K-2040D-Rev2	TYPE:6000K	WEIGHT:
PEC.:20X40D	DIM.:600mm	SERIAL No.:IES002541
MFR.:	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:78.22lm/W	
MODEL		Imax(cd)	2108
NOMINAL POWER(W)	11.1	AVAILABILITY(%)	77.7
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	662.4
NOMINAL FLUX(lm)	852.6	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	852.6
TEST VOLTAGE(V)	220	q @50%(H,V)	43,21DEG

		AREA FLUX DIAGRAM																UNIT:lm			F t	F a
VERTICAL (DEG)	72	0.04	0.06	0.09	0.12	0.15	0.17	0.19	0.20	0.20	0.20	0.19	0.17	0.15	0.12	0.09	0.06	0.03	2.43	0.00		
	64	0.05	0.08	0.13	0.18	0.23	0.27	0.31	0.33	0.33	0.33	0.31	0.27	0.23	0.18	0.13	0.08	0.04	3.82	0.00		
	56	0.06	0.11	0.19	0.27	0.36	0.43	0.49	0.54	0.54	0.54	0.49	0.43	0.36	0.27	0.18	0.11	0.05	5.95	0.00		
	48	0.07	0.15	0.26	0.40	0.56	0.70	0.81	0.90	0.91	0.91	0.90	0.80	0.70	0.55	0.39	0.25	0.14	0.06	9.45	0.00	
	40	0.09	0.18	0.34	0.57	0.87	1.18	1.42	1.64	1.69	1.69	1.63	1.41	1.17	0.85	0.56	0.33	0.17	0.07	15.9	0.00	
	32	0.10	0.23	0.44	0.79	1.35	2.10	2.82	3.31	3.57	3.56	3.28	2.77	2.05	1.32	0.78	0.42	0.21	0.09	29.2	4.50	
	24	0.11	0.26	0.54	1.05	2.04	3.71	5.83	7.32	8.08	8.06	7.28	5.74	3.62	2.05	1.06	0.52	0.24	0.10	57.6	46.1	
		0.12	0.30	0.63	1.31	2.84	6.08	11.3	16.5	19.0	19.1	16.8	11.4	6.36	3.07	1.38	0.62	0.27	0.10	117	109	
		0.13	0.32	0.69	1.51	3.59	8.65	17.7	28.2	35.3	35.7	29.2	19.0	9.76	4.14	1.67	0.69	0.29	0.11	197	189	
		0.13	0.31	0.67	1.45	3.44	8.30	16.9	26.8	33.4	34.0	28.1	18.7	9.74	4.12	1.65	0.68	0.29	0.11	189	181	
-24		0.12	0.27	0.56	1.15	2.44	5.17	9.58	14.2	16.8	17.3	15.4	11.0	6.32	3.01	1.33	0.59	0.26	0.10	106	97.0	
		0.10	0.23	0.44	0.82	1.52	2.73	4.52	5.77	6.74	6.98	6.36	5.38	3.49	1.94	0.98	0.48	0.22	0.09	48.8	35.7	
	-32	0.08	0.18	0.32	0.55	0.90	1.44	1.99	2.41	2.72	2.82	2.65	2.36	1.82	1.18	0.68	0.36	0.18	0.07	22.7	0.00	
	-40	0.07	0.13	0.23	0.35	0.54	0.76	0.93	1.10	1.18	1.21	1.19	1.06	0.93	0.69	0.45	0.26	0.14	0.06	11.3	0.00	
	-48	0.05	0.10	0.15	0.23	0.33	0.42	0.49	0.56	0.58	0.59	0.60	0.53	0.49	0.40	0.29	0.18	0.10	0.04	6.13	0.00	
	-56	0.04	0.06	0.10	0.15	0.20	0.24	0.28	0.31	0.31	0.31	0.32	0.29	0.27	0.23	0.18	0.12	0.07	0.03	3.51	0.00	
	-64	0.03	0.04	0.06	0.09	0.12	0.14	0.16	0.17	0.17	0.17	0.18	0.16	0.15	0.13	0.10	0.07	0.04	0.02	2.01	0.00	
	-72	0.02	0.02	0.04	0.05	0.06	0.07	0.08	0.09	0.09	0.09	0.09	0.09	0.09	0.08	0.07	0.06	0.04	0.02	0.01	1.08	0.00
		-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)				16	24	32	40	48	56	64	72	
	F t	1.40	3.03	5.87	11.1	21.5	42.6	75.7	110	132	134	115	81.7	47.8	24.5	12.1	6.03	2.87	1.17	828	---	
F a	0.00	0.00	0.00	0.00	5.56	30.5	64.8	99.3	120	122	104	70.8	35.7	9.08	0.00	0.00	0.00	0.00	0.00	---	662	

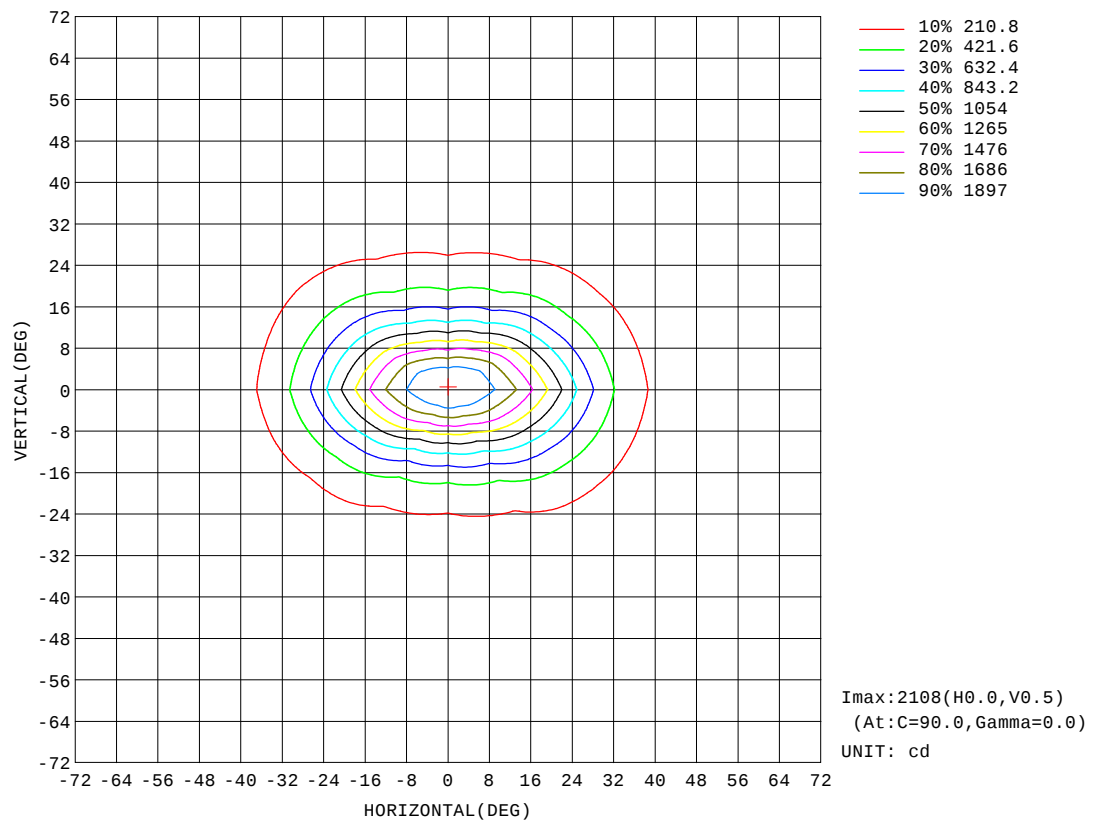
one-half-peak spread: U:10.9,D:10.5 , L:20.9,NEFA Beam Type: Type 5 x 4 (H x V)

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-6000K-2040D-Rev2	TYPE:6000K	WEIGHT:
SPEC.:20X40D	DIM.:600mm	SERIAL No.:IES002541
MFR.:	SUR.:	Shielding Angle:

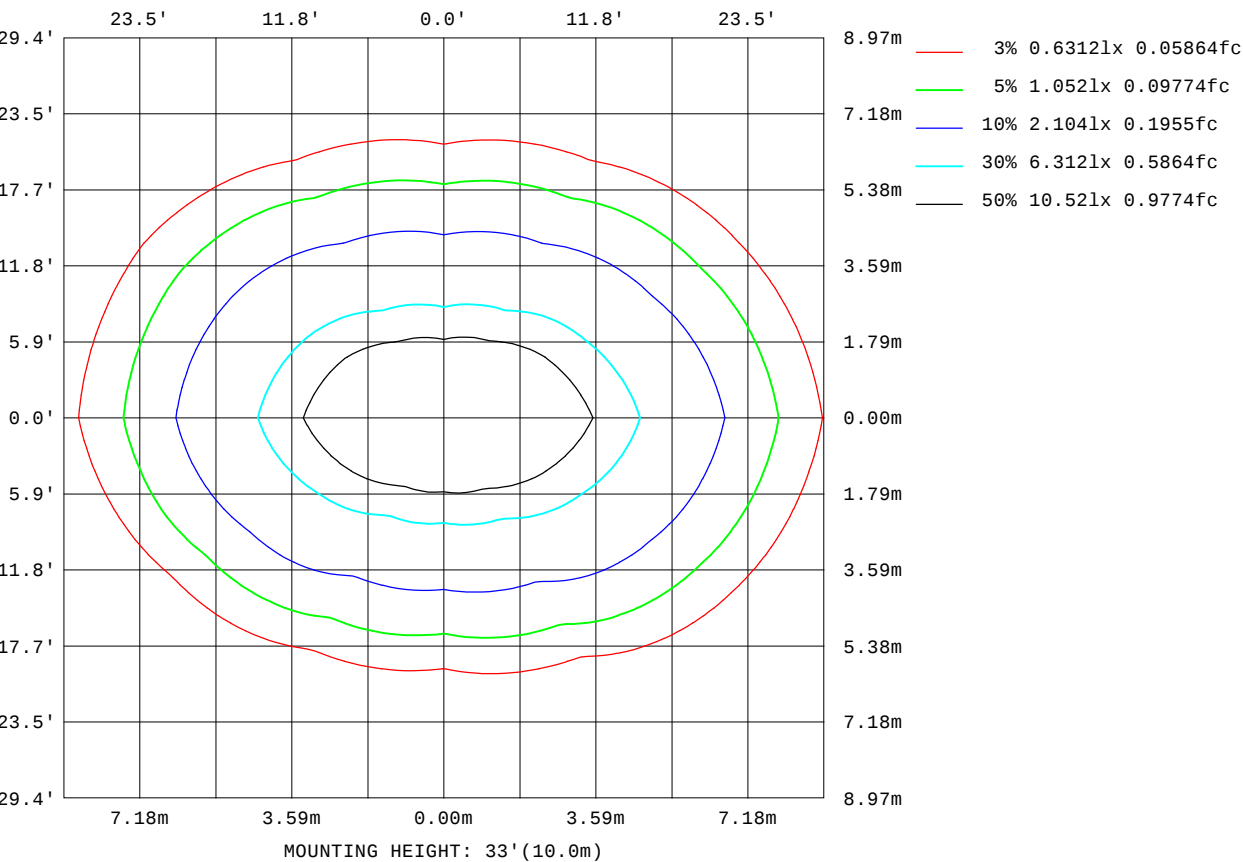


H_b) Range:-90 - 90DEG
H_b) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-06-29

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

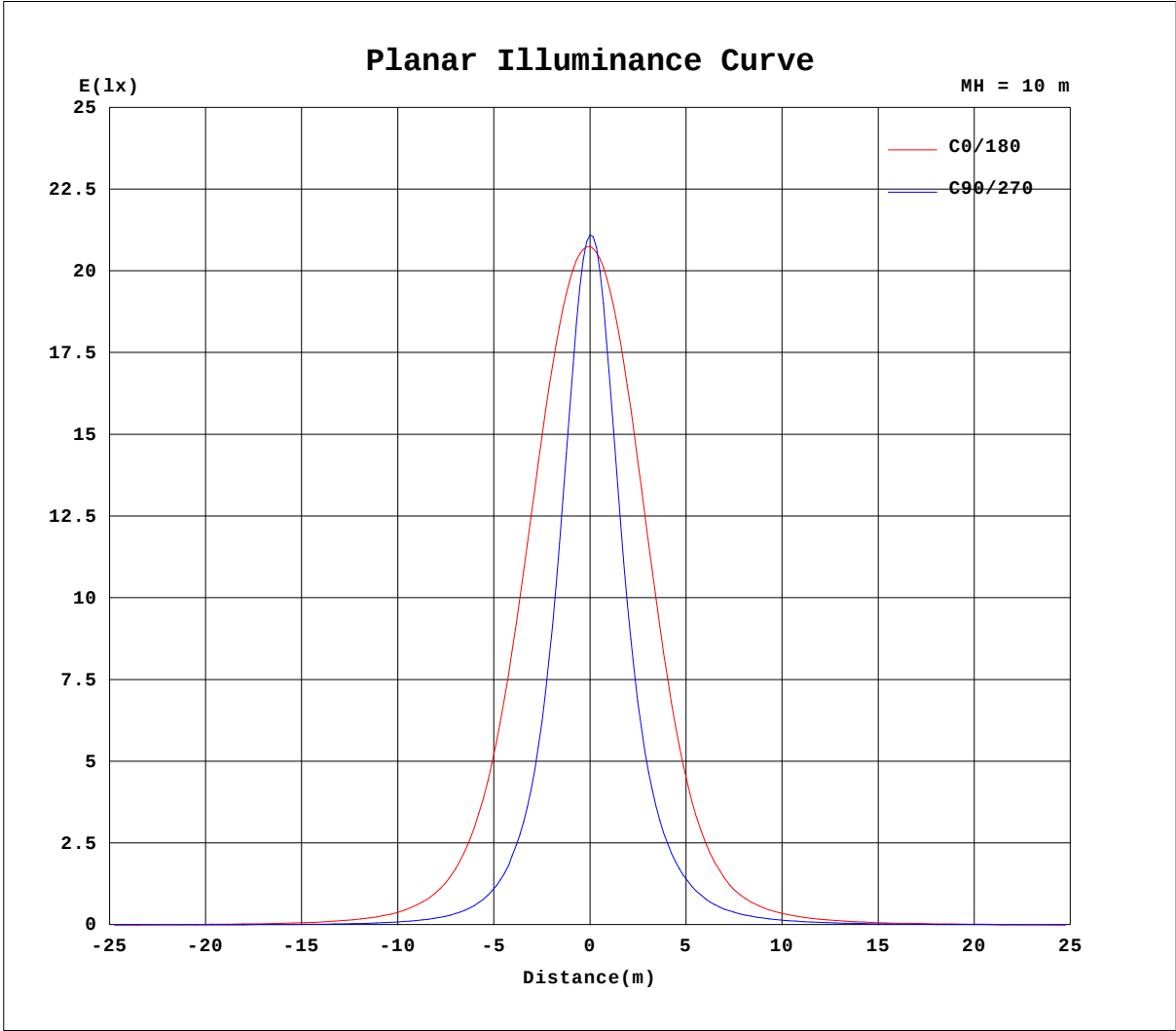
NAME:Blazeline Mini-600mm-TW-6000K-2040D-Rev2	TYPE:6000K	WEIGHT:
SPEC.:20X40D	DIM.:600mm	SERIAL No.:IES002541
MFR.:	SUR.:	Shielding Angle:



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

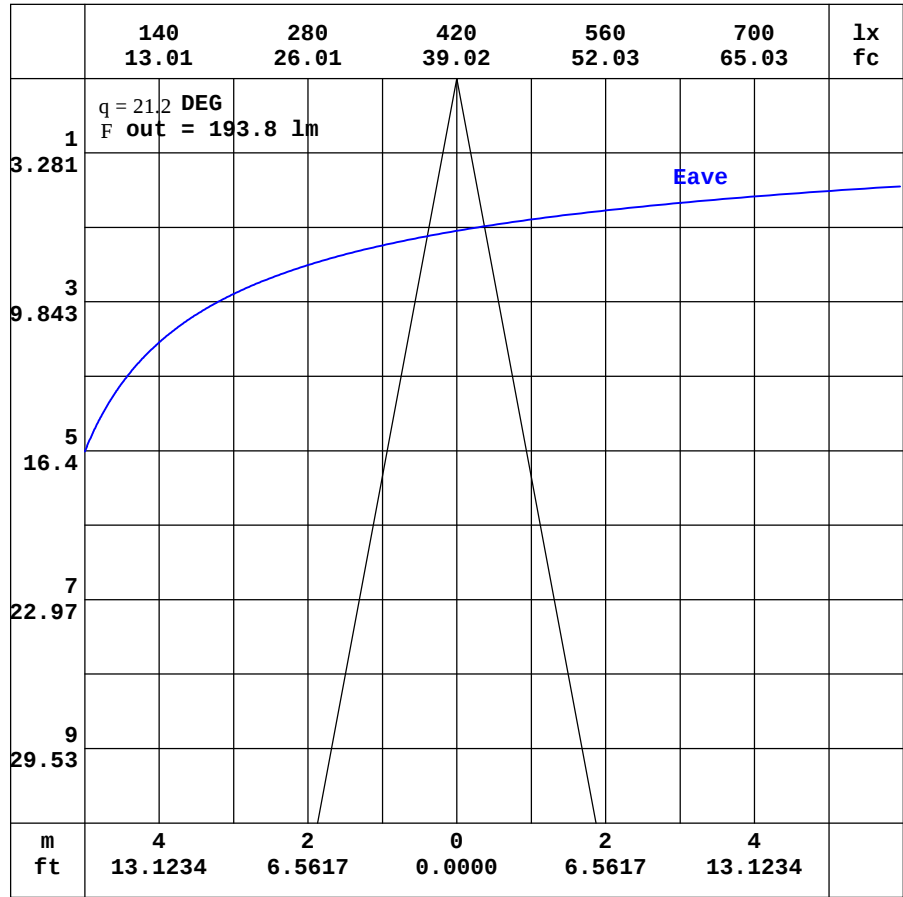


H_b Range: -90 - 90DEG
H_b Interval: 0.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-06-29

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-6000K-2040D-Rev2	TYPE:6000K	WEIGHT:
SPEC.:20X40D	DIM.:600mm	SERIAL No.:IES002541
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-6000K-2040D-Rev2	TYPE:6000K	WEIGHT:
SPEC.:20X40D	DIM.:600mm	SERIAL No.:IES002541
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	3.45	3.15	2.97	2.97	3.06	3.30	3.70	4.19	4.75	5.30	5.78	6.17	6.42	6.50	6.44	6.26	6.07	5.93	6.05
-170	3.45	3.10	2.88	2.82	2.84	2.97	3.21	3.50	3.82	4.13	4.41	4.64	4.81	4.89	4.87	4.93	5.28	5.58	5.89
-160	3.45	3.06	2.80	2.67	2.61	2.63	2.70	2.79	2.86	2.93	2.97	2.99	3.05	3.55	4.04	4.49	4.89	5.14	5.27
-150	3.45	3.03	2.72	2.54	2.41	2.32	2.25	2.16	2.04	1.87	1.73	1.97	2.27	2.61	2.96	3.29	3.57	3.76	3.83
-140	3.45	3.00	2.67	2.42	2.24	2.06	1.90	1.70	1.44	1.33	1.35	1.41	1.51	1.64	1.79	1.98	2.13	2.22	2.25
-130	3.45	2.99	2.63	2.33	2.10	1.87	1.65	1.41	1.28	1.25	1.20	1.16	1.11	1.07	1.08	1.13	1.16	1.18	1.17
-120	3.45	2.99	2.61	2.29	2.00	1.74	1.49	1.30	1.30	1.28	1.24	1.20	1.14	1.08	1.04	1.00	0.97	0.94	0.92
-110	3.45	3.00	2.61	2.27	1.95	1.66	1.38	1.31	1.32	1.33	1.34	1.34	1.33	1.31	1.29	1.27	1.25	1.24	1.23
-100	3.45	3.03	2.64	2.28	1.93	1.61	1.30	1.29	1.31	1.32	1.33	1.35	1.36	1.36	1.36	1.36	1.36	1.36	1.36
-90	3.45	3.07	2.70	2.33	1.95	1.58	1.20	1.20	1.19	1.19	1.19	1.18	1.18	1.17	1.17	1.16	1.16	1.15	1.15
-80	3.45	3.13	2.79	2.45	2.10	1.71	1.26	1.28	1.33	1.37	1.40	1.42	1.44	1.45	1.47	1.48	1.48	1.46	1.44
-70	3.45	3.20	3.04	2.89	2.65	2.42	2.19	2.34	2.64	2.92	3.18	3.37	3.47	3.63	3.80	3.91	3.96	3.94	3.87
-60	3.45	3.32	3.45	3.47	3.65	3.91	4.16	4.54	5.45	6.27	6.96	7.53	7.88	8.13	8.56	8.81	8.86	8.71	8.40
-50	3.45	3.49	3.82	4.33	5.17	6.22	7.35	8.35	9.73	11.5	13.1	14.6	15.7	16.3	17.2	18.1	18.5	18.3	17.7
-40	3.45	3.72	4.30	5.39	7.11	9.24	11.6	14.0	16.2	19.3	23.3	27.4	31.1	33.8	34.9	38.5	40.7	41.2	39.7
-30	3.45	3.92	4.81	6.63	9.33	12.8	17.0	21.5	26.8	32.9	40.6	52.0	64.8	77.5	87.0	92.7	105	110	106
-20	3.45	4.10	5.31	7.80	11.5	16.6	22.8	30.4	40.5	54.3	73.4	100	135	186	243	282	298	338	333
-10	3.45	4.25	5.74	8.80	13.4	20.0	28.3	39.5	55.4	79.4	118	181	285	433	612	804	962	1027	1087
0	3.45	4.36	6.05	9.49	14.8	22.5	32.5	46.5	67.3	100	156	263	445	732	1100	1484	1802	2003	2075
10	3.45	4.33	5.96	9.22	14.2	21.3	30.4	43.0	60.9	88.2	132	205	324	492	702	926	1092	1168	1161
20	3.45	4.27	5.73	8.60	12.9	19.0	26.6	36.5	49.9	68.8	95.8	136	189	250	313	362	380	408	385
30	3.45	4.17	5.40	7.74	11.2	15.8	21.8	28.9	37.7	49.0	63.4	79.2	96.5	114	127	134	146	150	141
40	3.45	4.03	5.01	6.69	9.24	12.5	16.7	21.5	26.8	32.6	38.7	44.8	50.2	54.3	56.1	60.5	62.8	62.5	59.5
50	3.45	3.84	4.64	5.73	7.41	9.49	12.0	14.9	17.9	20.7	23.4	25.8	27.6	28.6	30.0	31.2	31.6	31.2	30.0
60	3.45	3.71	4.32	4.90	5.79	6.98	8.31	9.75	11.2	12.6	13.9	14.8	15.5	16.0	16.7	17.0	17.1	16.9	16.5
70	3.45	3.61	3.92	4.32	4.66	5.13	5.67	6.29	6.90	7.42	7.91	8.30	8.58	8.85	9.08	9.24	9.30	9.26	9.11
80	3.45	3.55	3.65	3.79	3.96	4.12	4.25	4.35	4.46	4.57	4.69	4.78	4.86	4.93	5.00	5.04	5.05	5.04	5.01
90	3.45	3.48	3.51	3.55	3.58	3.62	3.65	3.61	3.57	3.53	3.49	3.45	3.42	3.39	3.36	3.33	3.30	3.28	3.25
100	3.45	3.42	3.39	3.36	3.34	3.32	3.29	3.22	3.13	3.04	2.95	2.87	2.78	2.74	2.72	2.70	2.68	2.67	2.66
110	3.45	3.36	3.29	3.21	3.15	3.10	3.04	2.94	2.83	2.74	2.67	2.62	2.57	2.55	2.53	2.51	2.50	2.48	2.46
120	3.45	3.31	3.19	3.10	3.01	2.94	2.88	2.83	2.79	2.76	2.76	2.78	2.81	2.82	2.85	2.85	2.84	2.82	2.77
130	3.45	3.26	3.12	3.01	2.94	2.89	2.88	2.90	2.99	3.11	3.24	3.39	3.55	3.70	3.87	4.02	4.15	4.22	4.23
140	3.45	3.23	3.06	2.96	2.92	2.92	3.00	3.17	3.41	3.68	3.99	4.32	4.67	5.03	5.36	5.67	5.91	6.07	6.16
150	3.45	3.20	3.03	2.95	2.94	3.02	3.22	3.52	3.89	4.32	4.78	5.25	5.71	6.14	6.49	6.77	6.95	7.06	7.12
160	3.45	3.17	3.00	2.95	2.98	3.14	3.43	3.83	4.32	4.84	5.38	5.88	6.32	6.68	6.95	7.16	7.29	7.38	7.49
170	3.45	3.16	2.98	2.96	3.02	3.24	3.61	4.08	4.62	5.18	5.71	6.16	6.52	6.73	6.81	6.76	6.72	6.77	7.06
180	3.45	3.15	2.97	2.97	3.06	3.30	3.70	4.19	4.75	5.30	5.78	6.17	6.42	6.50	6.44	6.26	6.07	5.93	6.09

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-6000K-2040D-Rev2	TYPE:6000K	WEIGHT:
SPEC.:20X40D	DIM.:600mm	SERIAL No.:IES002541
MFR.:	SUR.:	Shielding Angle:

Table--2																		UNIT: cd	
H(DEG) V(DEG)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	
-180	5.38	5.00	4.65	4.30	3.87	3.41	2.92	2.47	2.08	1.77	1.53	1.39	1.32	1.30	1.28	1.22	1.12	1.05	
-170	5.68	5.38	4.98	4.52	4.04	3.50	2.96	2.46	2.05	1.73	1.51	1.38	1.32	1.30	1.28	1.22	1.12	1.05	
-160	5.15	4.92	4.55	4.12	3.67	3.21	2.70	2.25	1.89	1.63	1.46	1.37	1.32	1.31	1.28	1.22	1.12	1.05	
-150	3.79	3.64	3.40	3.10	2.77	2.44	2.14	1.89	1.66	1.49	1.39	1.34	1.32	1.30	1.28	1.22	1.11	1.05	
-140	2.26	2.21	2.10	1.96	1.82	1.68	1.57	1.48	1.43	1.38	1.34	1.33	1.32	1.30	1.27	1.20	1.10	1.05	
-130	1.21	1.23	1.24	1.22	1.21	1.22	1.26	1.28	1.31	1.32	1.33	1.33	1.32	1.30	1.25	1.18	1.09	1.05	
-120	0.96	1.00	1.05	1.10	1.15	1.20	1.25	1.29	1.32	1.33	1.33	1.33	1.31	1.28	1.22	1.16	1.08	1.05	
-110	1.25	1.27	1.29	1.32	1.34	1.35	1.35	1.34	1.34	1.34	1.33	1.32	1.28	1.23	1.18	1.12	1.07	1.05	
-100	1.36	1.36	1.35	1.35	1.34	1.33	1.31	1.30	1.29	1.27	1.26	1.24	1.20	1.17	1.13	1.09	1.06	1.05	
-90	1.14	1.13	1.12	1.11	1.10	1.09	1.09	1.10	1.10	1.11	1.11	1.12	1.11	1.09	1.08	1.07	1.06	1.05	
-80	1.45	1.46	1.46	1.45	1.42	1.39	1.39	1.38	1.35	1.31	1.26	1.20	1.18	1.17	1.15	1.10	1.06	1.05	
-70	3.97	4.00	3.97	3.87	3.70	3.58	3.56	3.43	3.18	2.89	2.54	2.19	1.85	1.57	1.35	1.24	1.10	1.05	
-60	8.82	9.07	9.10	8.91	8.52	8.50	8.38	7.92	7.22	6.36	5.31	4.25	3.33	2.49	1.81	1.38	1.17	1.05	
-50	18.8	19.3	19.1	18.4	17.7	17.8	17.1	15.7	13.8	11.8	9.67	7.58	5.53	3.87	2.54	1.65	1.25	1.05	
-40	42.6	43.2	41.8	38.6	39.4	37.6	33.8	29.2	24.4	19.7	15.5	11.8	8.45	5.57	3.47	1.98	1.32	1.05	
-30	115	113	103	102	95.5	82.4	67.4	53.1	40.7	30.8	23.0	16.7	11.7	7.47	4.40	2.32	1.38	1.05	
-20	353	323	321	290	234	176	129	91.0	63.7	44.7	31.4	21.9	14.9	9.31	5.25	2.66	1.42	1.05	
-10	1066	1019	880	697	514	349	223	141	89.9	59.0	39.4	26.5	17.5	10.8	5.93	2.92	1.44	1.05	
0	2029	1858	1572	1206	835	526	311	182	109	69.0	44.8	29.3	19.1	11.6	6.28	3.04	1.46	1.05	
10	1182	1115	946	721	518	351	226	144	92.8	61.4	41.2	27.8	18.4	11.4	6.30	3.12	1.53	1.05	
20	407	377	359	308	244	183	136	97.3	69.2	49.1	34.8	24.3	16.6	10.5	5.97	3.05	1.58	1.05	
30	149	145	133	125	112	94.5	77.5	62.0	48.1	36.6	27.4	20.1	14.1	9.04	5.41	2.88	1.61	1.05	
40	62.4	62.5	60.2	55.8	53.8	49.6	44.1	38.1	32.1	26.3	20.6	15.6	11.2	7.45	4.69	2.67	1.62	1.05	
50	31.2	31.6	31.2	30.1	28.6	27.5	25.6	23.3	20.6	17.8	14.8	11.4	8.39	5.92	3.87	2.44	1.60	1.05	
60	17.0	17.2	17.1	16.8	16.2	15.6	14.9	13.9	12.7	11.3	9.80	7.96	6.16	4.53	3.21	2.23	1.55	1.05	
70	9.27	9.33	9.29	9.14	8.88	8.61	8.33	7.92	7.42	6.88	6.28	5.50	4.46	3.52	2.73	2.10	1.50	1.05	
80	5.03	5.03	5.00	4.94	4.86	4.76	4.69	4.60	4.48	4.37	4.24	4.08	3.52	2.98	2.45	1.93	1.46	1.05	
90	3.25	3.26	3.26	3.27	3.27	3.28	3.31	3.35	3.38	3.41	3.44	3.48	3.07	2.67	2.26	1.86	1.45	1.05	
100	2.66	2.67	2.68	2.70	2.72	2.74	2.80	2.86	2.92	2.98	3.05	3.09	2.80	2.49	2.16	1.81	1.43	1.05	
110	2.48	2.50	2.52	2.54	2.56	2.58	2.62	2.66	2.71	2.76	2.83	2.82	2.59	2.34	2.06	1.75	1.41	1.05	
120	2.82	2.84	2.85	2.84	2.82	2.79	2.78	2.76	2.76	2.76	2.80	2.63	2.41	2.20	1.97	1.70	1.39	1.05	
130	4.24	4.18	4.07	3.93	3.76	3.59	3.41	3.25	3.10	2.99	2.79	2.50	2.28	2.07	1.87	1.64	1.35	1.05	
140	6.11	5.98	5.77	5.48	5.14	4.77	4.40	4.05	3.72	3.30	2.79	2.40	2.14	1.95	1.77	1.57	1.32	1.05	
150	7.11	7.05	6.91	6.64	6.27	5.85	5.36	4.87	4.06	3.30	2.71	2.28	2.00	1.81	1.65	1.49	1.28	1.05	
160	7.49	7.49	7.35	7.15	6.87	6.49	5.56	4.62	3.76	3.05	2.48	2.08	1.81	1.65	1.54	1.41	1.23	1.05	
170	7.11	7.14	7.16	6.70	6.00	5.26	4.48	3.74	3.07	2.51	2.08	1.77	1.58	1.48	1.41	1.31	1.18	1.05	
180	5.38	5.00	4.65	4.30	3.87	3.41	2.92	2.47	2.08	1.77	1.53	1.39	1.32	1.30	1.28	1.22	1.12	1.05	

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: