

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	2919.4 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	43.6V x 74.1H
	At 50% of Imax	16.0V x 45.3H
	At 90% of Imax	7.2V x 21.0H

Beam Flux	Total	1000.2 lumens per klm.
	To 10% of Imax	767.6 lumens per klm.
	To 50% of Imax	418.2 lumens per klm.
	To 90% of Imax	110.9 lumens per klm.

Upward LOR	2.3 %
Downward LOR	97.8 %

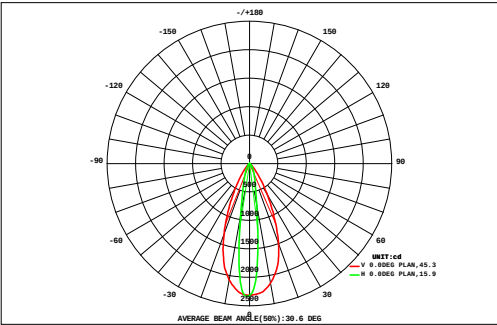
Luminaire Efficiency(Light Output Ratio)	100.0 %
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H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:
Test Date:2024-09-29

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-609mm-TW-6000K-1545D-Rev1	TYPE:6000K	WEIGHT:
SPEC.:15X45 DEG	DIM.:609MM	SERIAL No.:IES003000
MFR.:	SUR.:1	Shielding Angle:



DATA OF LAMP		Eff:76.79lm/W	
MODEL		Imax(cd)	2331
NOMINAL POWER(W)	10.4	AVAILABILITY(%)	77.0
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	615.3
NOMINAL FLUX(lm)	798.6	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	798.6
TEST VOLTAGE(V)	220	q @50%(H,V)	45,16DEG

		AREA FLUX DIAGRAM														UNIT:lm				F t	F a
VERTICAL (DEG)	72	0.03	0.05	0.06	0.08	0.10	0.12	0.14	0.16	0.16	0.16	0.16	0.14	0.12	0.10	0.08	0.06	0.04	0.02	1.78	0.00
	64	0.04	0.06	0.09	0.12	0.15	0.20	0.24	0.28	0.29	0.29	0.27	0.24	0.20	0.15	0.11	0.08	0.05	0.03	2.89	0.00
	56	0.05	0.08	0.12	0.17	0.24	0.34	0.43	0.49	0.52	0.51	0.47	0.40	0.32	0.23	0.16	0.10	0.06	0.03	4.72	0.00
	48	0.05	0.10	0.16	0.25	0.40	0.58	0.75	0.88	0.91	0.88	0.81	0.67	0.51	0.35	0.22	0.13	0.07	0.04	7.75	0.00
	40	0.06	0.12	0.20	0.36	0.63	0.97	1.32	1.60	1.70	1.64	1.46	1.14	0.81	0.54	0.31	0.16	0.09	0.04	13.1	0.00
	32	0.07	0.14	0.26	0.51	1.01	1.64	2.27	2.90	3.11	3.02	2.64	1.93	1.44	0.92	0.45	0.20	0.10	0.05	22.6	0.00
	24	0.08	0.16	0.31	0.71	1.64	3.12	4.16	5.12	5.65	5.56	4.80	3.89	3.17	1.69	0.68	0.25	0.11	0.05	41.1	21.6
		0.09	0.17	0.36	0.96	2.59	5.90	9.80	11.4	13.0	13.0	11.4	10.6	6.68	2.92	1.00	0.30	0.12	0.05	90.3	82.4
		0.09	0.18	0.40	1.18	3.60	9.54	19.3	28.1	34.2	34.8	29.2	21.6	11.3	4.31	1.30	0.34	0.12	0.06	199	193
		0.09	0.18	0.39	1.15	3.53	9.43	19.2	29.0	37.7	39.1	31.3	22.0	11.4	4.34	1.30	0.34	0.12	0.05	211	204
		0.08	0.16	0.34	0.89	2.41	5.57	9.47	11.9	15.1	16.3	13.9	11.3	6.86	2.97	1.00	0.29	0.11	0.05	98.7	91.0
	-24	0.07	0.14	0.27	0.61	1.41	2.66	3.49	4.72	5.65	6.05	5.56	4.37	3.36	1.73	0.67	0.23	0.10	0.05	41.2	22.8
-32	0.06	0.12	0.21	0.40	0.76	1.18	1.66	2.32	2.69	2.85	2.70	2.10	1.55	0.94	0.42	0.18	0.08	0.04	20.3	0.00	
-40	0.06	0.10	0.16	0.26	0.42	0.62	0.90	1.17	1.32	1.39	1.35	1.12	0.80	0.51	0.26	0.13	0.07	0.04	10.7	0.00	
-48	0.05	0.08	0.11	0.17	0.24	0.35	0.48	0.59	0.64	0.67	0.66	0.58	0.44	0.29	0.17	0.09	0.05	0.03	5.68	0.00	
-56	0.04	0.06	0.08	0.10	0.13	0.20	0.26	0.31	0.34	0.35	0.34	0.30	0.23	0.16	0.10	0.06	0.04	0.02	3.11	0.00	
-64	0.03	0.04	0.05	0.06	0.07	0.10	0.13	0.16	0.17	0.18	0.17	0.14	0.11	0.08	0.06	0.04	0.03	0.02	1.65	0.00	
-72	0.02	0.03	0.03	0.03	0.04	0.05	0.06	0.07	0.08	0.08	0.07	0.07	0.05	0.04	0.03	0.03	0.02	0.01	0.82	0.00	
	-72	-64	-56	-48	-40	-32	-24	-16	HORIZONTAL (DEG)				16	24	32	40	48	56	64	72	
F t	1.07	1.97	3.61	8.00	19.4	42.6	74.1	101	123	127	107	82.5	49.4	22.3	8.31	3.01	1.38	0.69	776	---	
F a	0.00	0.00	0.00	0.00	4.62	30.4	61.0	87.2	109	113	93.6	69.7	38.0	8.20	0.00	0.00	0.00	0.00	---	615	

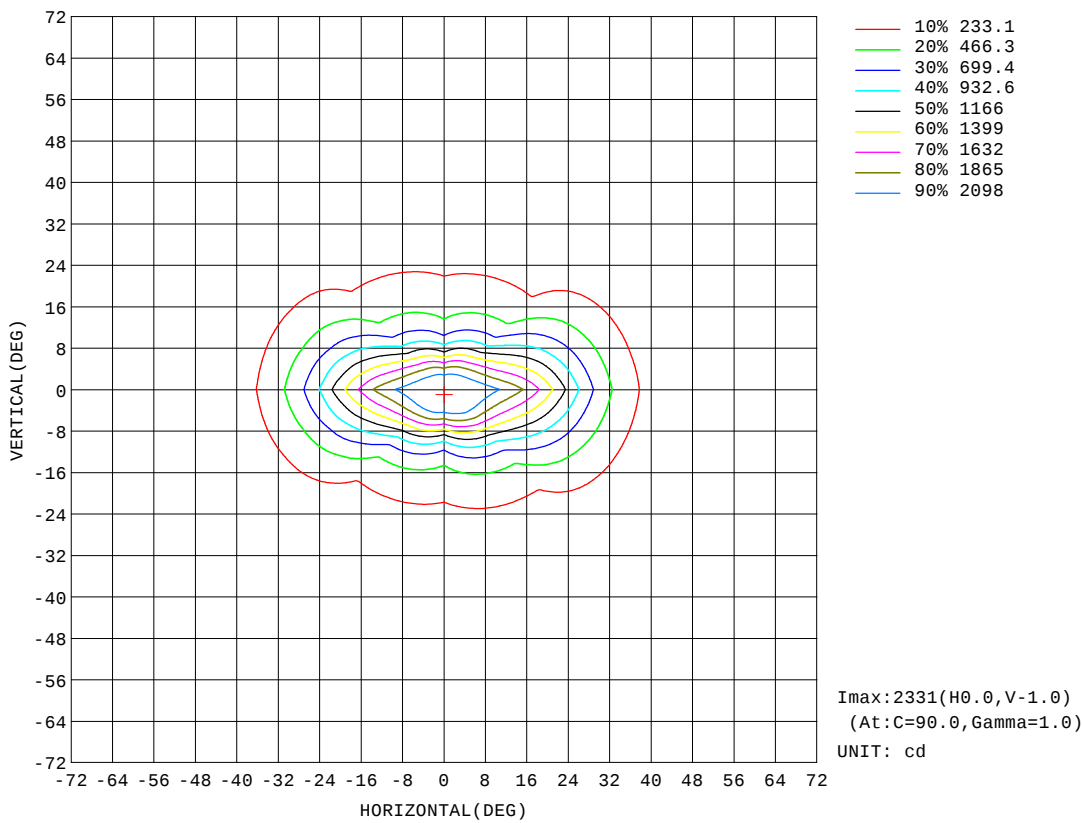
one-half-peak spread: U:7.8,D:8.3 , L:21.3,R:24.1 Beam Type: Type 5 x 3 (H x V)

H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:
Test Date:2024-09-29

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-609mm-TW-6000K-1545D-Rev2	TYPE:6000K	WEIGHT:
SPEC.:15X45 DEG	DIM.:609MM	SERIAL No.:IES003000
MFR.:	SUR.:1	Shielding Angle:

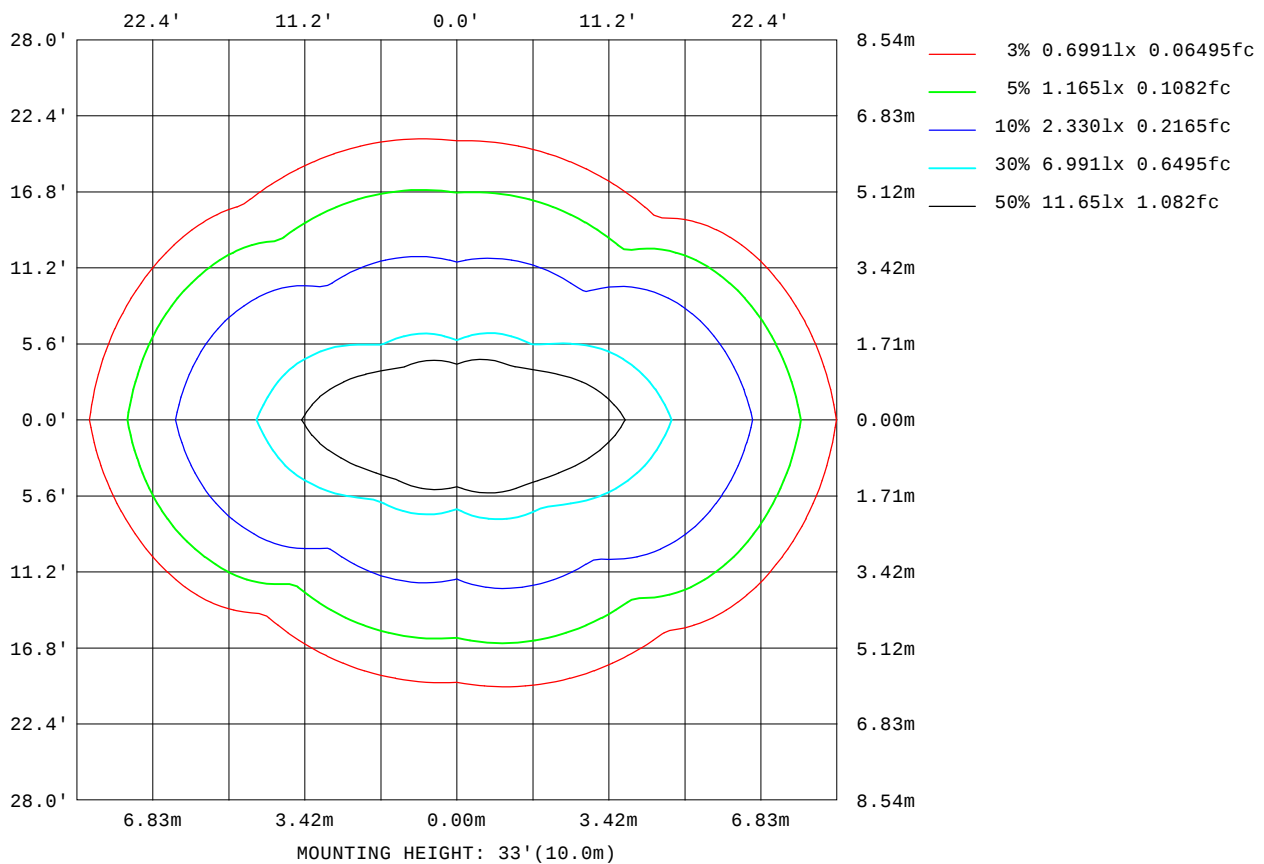


H(b) Range:-90 - 90DEG
H(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:
Test Date:2024-09-29

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

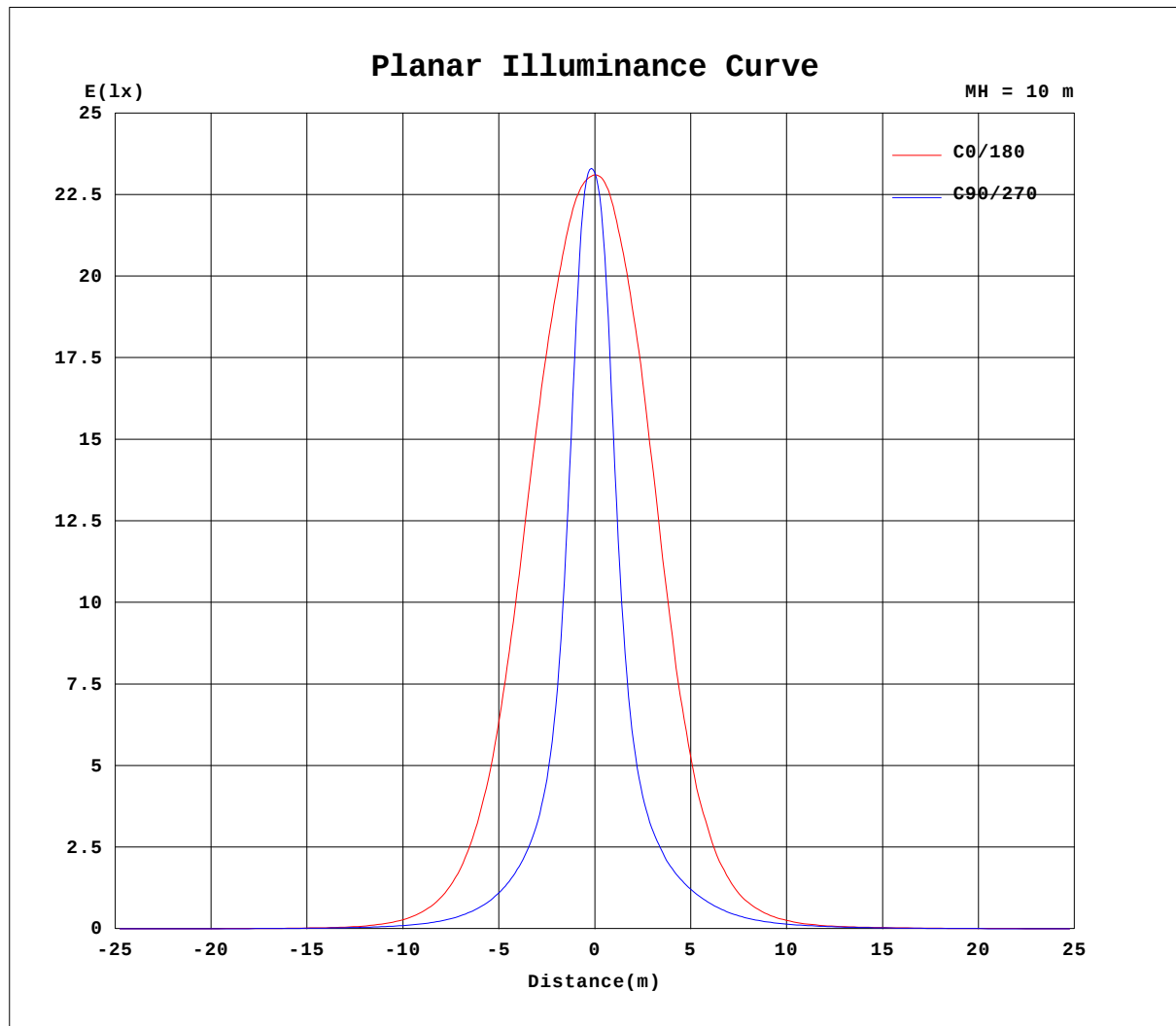
NAME:Blazeline-609mm-TW-6000K-1545D-Rev2	TYPE:6000K	WEIGHT:
SPEC.:15X45 DEG	DIM.:609MM	SERIAL No.:IES003000
MFR.:	SUR.:1	Shielding Angle:



H_(b) Range: -90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators:
Test Date: 2024-09-29

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

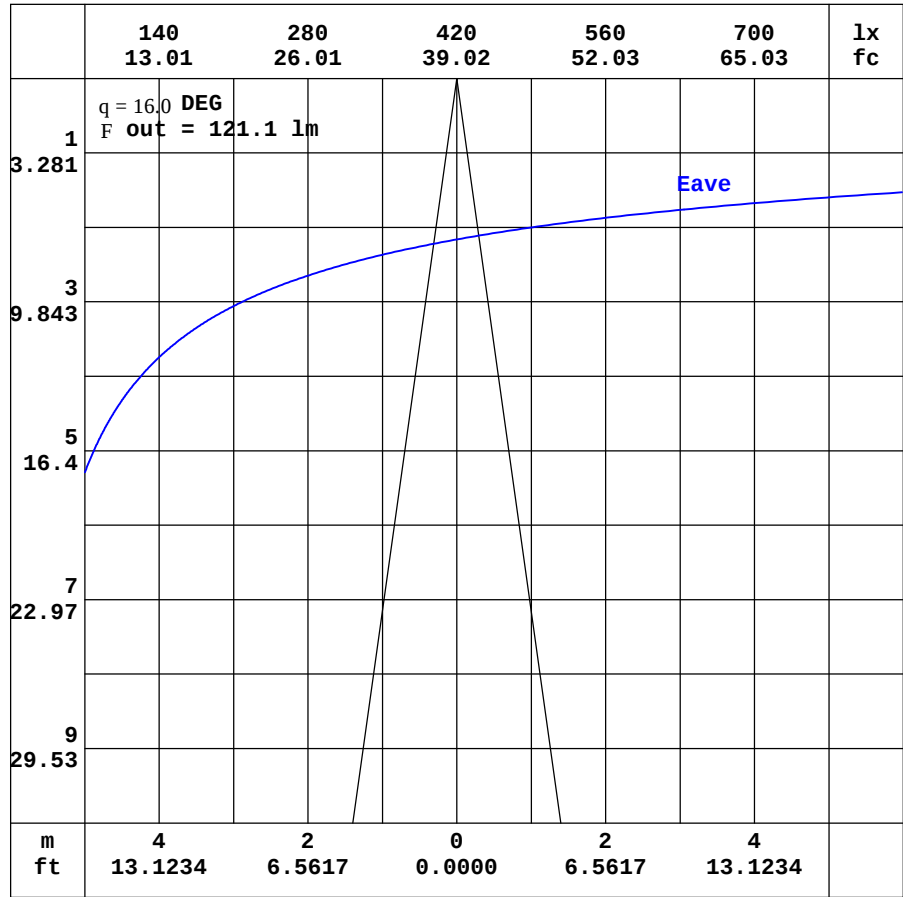


H_b Range: -90 - 90DEG
H_b Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators:
Test Date: 2024-09-29

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-609mm-TW-6000K-1545D-Rev2	TYPE:6000K	WEIGHT:
SPEC.:15X45 DEG	DIM.:609MM	SERIAL No.:IES003000
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:2024-09-29

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-609mm-TW-6000K-1545D-Rev2	TYPE:6000K	WEIGHT:
SPEC.:15X45 DEG	DIM.:609MM	SERIAL No.:IES003000
MFR.:	SUR.:1	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	2.97	2.73	2.60	2.61	2.74	3.01	3.39	3.87	4.38	4.87	5.30	5.63	5.87	5.93	5.89	5.77	5.66	5.58	5.47
-170	2.97	2.70	2.55	2.53	2.60	2.78	3.06	3.39	3.74	4.09	4.41	4.68	4.91	5.04	5.17	5.24	5.18	5.43	5.85
-160	2.97	2.68	2.49	2.44	2.45	2.54	2.69	2.87	3.05	3.22	3.39	3.55	3.70	3.84	3.90	4.28	4.65	4.89	5.02
-150	2.97	2.67	2.45	2.36	2.31	2.31	2.34	2.38	2.40	2.40	2.38	2.36	2.33	2.43	2.76	3.06	3.30	3.43	3.48
-140	2.97	2.66	2.44	2.30	2.20	2.12	2.06	1.99	1.90	1.77	1.60	1.40	1.37	1.51	1.66	1.80	1.90	1.94	1.93
-130	2.97	2.65	2.42	2.24	2.12	2.00	1.87	1.74	1.58	1.41	1.19	1.05	1.03	1.02	1.02	1.02	1.01	0.99	0.95
-120	2.97	2.67	2.43	2.23	2.06	1.92	1.78	1.63	1.46	1.28	1.10	1.07	1.05	1.02	0.99	0.95	0.91	0.87	0.84
-110	2.97	2.68	2.44	2.23	2.05	1.88	1.72	1.57	1.41	1.26	1.21	1.20	1.21	1.22	1.22	1.23	1.24	1.25	1.27
-100	2.97	2.71	2.48	2.26	2.06	1.87	1.70	1.53	1.37	1.21	1.21	1.22	1.22	1.23	1.23	1.24	1.25	1.26	1.27
-90	2.97	2.75	2.53	2.31	2.10	1.88	1.66	1.44	1.22	1.01	1.00	1.00	1.00	1.00	1.00	1.00	0.99	0.99	0.99
-80	2.97	2.80	2.62	2.43	2.24	2.07	1.86	1.63	1.35	1.01	0.98	0.98	0.99	1.00	1.00	1.01	1.01	1.01	1.00
-70	2.97	2.86	2.75	2.77	2.78	2.75	2.69	2.55	2.26	1.87	1.84	2.06	2.29	2.52	2.73	2.92	3.07	3.17	3.22
-60	2.97	2.93	3.06	3.35	3.75	4.10	4.22	4.25	4.19	4.03	3.94	4.73	5.58	6.39	7.19	7.90	8.44	8.81	8.97
-50	2.97	3.01	3.46	4.20	5.03	5.66	6.25	6.82	7.34	7.87	8.62	10.1	12.3	14.5	16.5	18.1	19.3	19.9	20.0
-40	2.97	3.13	3.90	5.24	6.35	7.54	8.83	10.1	11.8	14.2	17.0	20.3	24.6	30.1	35.4	40.2	43.9	46.0	45.9
-30	2.97	3.27	4.40	6.09	7.70	9.62	11.6	14.1	17.9	23.2	31.8	43.2	53.2	60.9	76.7	92.7	106	114	114
-20	2.97	3.40	4.87	6.91	9.09	11.7	14.4	18.7	25.2	38.0	61.3	94.5	136	172	176	210	262	286	271
-10	2.97	3.50	5.27	7.61	10.3	13.3	16.9	22.8	33.1	58.5	105	184	311	473	639	748	789	1001	929
0	2.97	3.57	5.52	8.11	11.2	14.5	18.8	25.7	39.1	74.4	143	277	511	863	1310	1759	2072	2259	2311
10	2.97	3.55	5.39	7.83	10.6	13.9	17.8	24.3	35.6	62.6	112	194	326	490	652	742	708	846	745
20	2.97	3.49	5.10	7.32	9.74	12.7	16.0	21.1	29.3	44.6	71.8	111	159	205	215	242	277	288	267
30	2.97	3.41	4.73	6.66	8.60	11.0	13.6	17.1	22.5	30.3	42.6	59.1	75.8	90.3	108	124	135	138	134
40	2.97	3.31	4.30	5.93	7.41	9.08	11.0	13.2	16.0	20.2	25.8	32.6	40.0	47.3	53.8	59.1	62.2	63.0	61.1
50	2.97	3.21	3.92	4.97	6.17	7.27	8.44	9.76	11.2	12.8	15.0	17.8	21.0	24.0	26.7	28.6	29.9	30.3	29.8
60	2.97	3.14	3.55	4.15	4.92	5.69	6.30	6.90	7.50	8.11	8.79	9.86	11.0	12.1	13.1	14.0	14.6	15.0	15.1
70	2.97	3.08	3.25	3.56	3.91	4.25	4.60	4.89	5.07	5.19	5.44	5.78	6.10	6.40	6.67	6.89	7.05	7.15	7.16
80	2.97	3.03	3.09	3.16	3.27	3.40	3.52	3.61	3.68	3.71	3.76	3.82	3.88	3.92	3.96	3.99	4.01	4.01	4.00
90	2.97	2.98	2.98	2.99	3.00	3.00	3.01	3.02	3.02	3.03	3.02	3.00	2.99	2.97	2.96	2.95	2.93	2.92	2.91
100	2.97	2.92	2.88	2.84	2.80	2.76	2.72	2.68	2.64	2.60	2.56	2.52	2.49	2.46	2.44	2.42	2.40	2.39	2.38
110	2.97	2.88	2.79	2.72	2.65	2.58	2.52	2.47	2.42	2.38	2.36	2.35	2.34	2.34	2.33	2.32	2.32	2.31	2.30
120	2.97	2.84	2.73	2.63	2.55	2.50	2.47	2.44	2.43	2.44	2.49	2.56	2.61	2.65	2.67	2.67	2.65	2.61	2.55
130	2.97	2.80	2.67	2.57	2.53	2.51	2.52	2.58	2.71	2.87	3.04	3.25	3.43	3.59	3.77	3.93	4.06	4.15	4.16
140	2.97	2.77	2.63	2.56	2.54	2.57	2.69	2.89	3.14	3.48	3.82	4.20	4.57	4.95	5.32	5.63	5.87	6.04	6.14
150	2.97	2.76	2.60	2.56	2.58	2.70	2.92	3.24	3.64	4.09	4.56	5.04	5.51	5.93	6.27	6.50	6.63	6.74	6.81
160	2.97	2.74	2.59	2.58	2.64	2.83	3.15	3.56	4.04	4.56	5.08	5.57	6.01	6.37	6.65	6.83	6.95	7.10	7.25
170	2.97	2.73	2.60	2.60	2.70	2.94	3.31	3.77	4.29	4.82	5.31	5.74	6.07	6.29	6.41	6.47	6.39	6.46	6.85
180	2.97	2.73	2.60	2.61	2.74	3.01	3.39	3.87	4.38	4.87	5.30	5.63	5.87	5.93	5.89	5.77	5.66	5.58	5.47

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

Test Speed: LOW

Temperature: 25.3DEG

Operators:

Test Date: 2024-09-29

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-609mm-TW-6000K-1545D-Rev2	TYPE:6000K	WEIGHT:
SPEC.:15X45 DEG	DIM.:609MM	SERIAL No.:IES003000
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	5.08	4.71	4.37	3.99	3.55	3.08	2.63	2.21	1.82	1.56	1.36	1.23	1.17	1.14	1.13	1.11	1.05	0.92
-170	5.64	5.37	4.80	4.23	3.69	3.11	2.59	2.13	1.76	1.50	1.33	1.22	1.17	1.14	1.14	1.11	1.05	0.92
-160	4.89	4.62	4.30	3.85	3.29	2.76	2.29	1.88	1.59	1.39	1.26	1.19	1.16	1.15	1.14	1.11	1.04	0.92
-150	3.44	3.30	3.07	2.79	2.47	2.13	1.81	1.56	1.38	1.27	1.20	1.17	1.15	1.15	1.14	1.11	1.03	0.92
-140	1.96	1.93	1.84	1.73	1.61	1.50	1.39	1.29	1.22	1.19	1.17	1.16	1.16	1.15	1.14	1.10	1.03	0.92
-130	1.01	1.05	1.08	1.10	1.12	1.14	1.16	1.17	1.16	1.16	1.16	1.17	1.17	1.15	1.13	1.08	1.01	0.92
-120	0.89	0.94	0.99	1.04	1.09	1.13	1.15	1.16	1.17	1.18	1.19	1.18	1.17	1.15	1.11	1.07	0.99	0.92
-110	1.26	1.25	1.25	1.24	1.24	1.23	1.22	1.21	1.20	1.20	1.19	1.17	1.15	1.11	1.08	1.02	0.97	0.92
-100	1.26	1.26	1.25	1.24	1.23	1.22	1.21	1.19	1.18	1.15	1.12	1.10	1.07	1.04	1.01	0.98	0.95	0.92
-90	0.99	0.99	0.98	0.98	0.98	0.98	0.97	0.97	0.97	0.96	0.96	0.95	0.95	0.94	0.94	0.93	0.92	0.92
-80	1.01	1.02	1.02	1.02	1.01	1.00	0.98	0.97	0.97	1.04	1.08	1.09	1.05	1.00	0.95	0.92	0.92	0.92
-70	3.20	3.13	3.00	2.83	2.63	2.41	2.18	1.95	1.83	1.85	1.85	1.80	1.65	1.45	1.25	1.02	0.92	0.92
-60	8.99	8.78	8.36	7.70	6.89	6.01	5.17	4.33	3.89	3.56	3.21	2.85	2.55	2.24	1.72	1.29	0.94	0.92
-50	20.8	20.9	20.3	18.9	16.9	14.6	12.0	9.50	7.50	6.16	5.25	4.45	3.64	2.99	2.41	1.60	1.02	0.92
-40	49.0	49.4	47.4	43.2	37.7	31.3	25.0	18.8	13.9	10.2	7.66	6.21	5.04	3.84	2.96	1.93	1.10	0.92
-30	122	121	112	97.5	80.7	69.1	53.1	36.5	23.4	15.6	10.9	7.95	6.35	4.82	3.45	2.35	1.20	0.92
-20	310	301	257	222	218	172	117	71.7	40.8	22.4	14.2	9.81	7.42	5.69	3.91	2.67	1.29	0.92
-10	1106	937	864	752	573	384	229	125	63.9	30.6	16.9	11.3	8.23	6.35	4.30	2.87	1.35	0.92
0	2278	2130	1883	1494	1023	620	338	169	80.2	35.7	18.1	11.9	8.72	6.76	4.53	2.99	1.38	0.92
10	856	709	773	715	558	377	225	124	64.0	31.2	17.6	11.9	8.71	6.68	4.50	2.99	1.40	0.92
20	281	263	221	196	202	163	114	71.1	41.7	23.8	15.6	11.0	8.35	6.31	4.31	2.89	1.38	0.92
30	133	123	109	91.4	74.3	65.6	52.8	38.1	25.7	17.9	13.0	9.70	7.62	5.68	4.00	2.67	1.33	0.92
40	60.6	57.6	52.9	46.8	40.5	34.1	28.2	22.3	17.3	13.2	10.3	8.25	6.51	4.86	3.62	2.33	1.26	0.92
50	29.6	28.6	26.9	24.8	22.3	19.6	16.9	14.1	11.6	9.59	7.99	6.55	5.20	4.10	3.16	2.05	1.21	0.92
60	14.9	14.5	13.8	12.9	11.9	10.9	9.85	8.82	7.73	6.72	5.77	4.87	4.09	3.38	2.50	1.76	1.15	0.92
70	7.15	7.07	6.91	6.69	6.42	6.12	5.79	5.45	5.05	4.57	4.10	3.65	3.13	2.56	2.03	1.50	1.14	0.92
80	4.01	4.00	3.98	3.94	3.89	3.84	3.78	3.71	3.62	3.33	3.03	2.71	2.35	2.00	1.66	1.37	1.14	0.92
90	2.90	2.90	2.90	2.90	2.90	2.89	2.89	2.89	2.89	2.67	2.45	2.23	2.01	1.79	1.58	1.36	1.14	0.92
100	2.38	2.39	2.40	2.41	2.43	2.45	2.47	2.49	2.50	2.36	2.21	2.07	1.91	1.74	1.56	1.37	1.15	0.92
110	2.31	2.32	2.33	2.33	2.34	2.35	2.36	2.37	2.33	2.19	2.07	1.94	1.82	1.68	1.54	1.36	1.16	0.92
120	2.60	2.63	2.63	2.63	2.61	2.57	2.53	2.48	2.30	2.12	1.99	1.87	1.75	1.62	1.49	1.35	1.15	0.92
130	4.13	4.03	3.88	3.71	3.52	3.34	3.16	2.85	2.48	2.19	1.96	1.79	1.68	1.56	1.45	1.32	1.15	0.92
140	6.03	5.85	5.61	5.28	4.89	4.49	3.94	3.30	2.76	2.31	1.98	1.76	1.60	1.50	1.40	1.28	1.14	0.92
150	6.77	6.68	6.51	6.26	5.90	5.18	4.34	3.58	2.92	2.39	1.98	1.70	1.53	1.42	1.34	1.25	1.12	0.92
160	7.22	7.15	7.05	6.76	5.88	5.04	4.25	3.49	2.83	2.29	1.89	1.60	1.44	1.34	1.28	1.21	1.10	0.92
170	6.87	7.04	6.39	5.69	5.01	4.31	3.63	3.00	2.45	2.00	1.67	1.45	1.31	1.24	1.20	1.16	1.08	0.92
180	5.08	4.71	4.37	3.99	3.55	3.08	2.63	2.21	1.82	1.56	1.36	1.23	1.17	1.14	1.13	1.11	1.05	0.92

H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:
Test Date:2024-09-29

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: