

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)	805.1 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
---	---

Beam Spread	At 10% of Imax	107.8V x 107.5H
	At 50% of Imax	66.5V x 65.7H
	At 90% of Imax	32.5V x 32.5H

Beam Flux	Total	1000.1 lumens per klm.
	To 10% of Imax	891.7 lumens per klm.
	To 50% of Imax	593.0 lumens per klm.
	To 90% of Imax	157.5 lumens per klm.

Upward LOR	2.3 %
Downward LOR	97.7 %

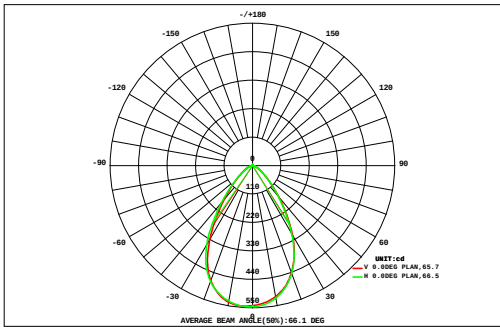
Luminaire Efficiency(Light Output Ratio)	100.0 %
--	---------

H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-06-26

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-60D-Rev2	TYPE:6000K	WEIGHT:
SPEC.:60 DEG	DIM.:600MM	SERIAL No.:IES002521
MFR.:	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:65.08lm/W	
MODEL		Imax(cd)	571.1
NOMINAL POWER(W)	11.1	AVAILABILITY(%)	89.1
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	632.4
NOMINAL FLUX(lm)	709.4	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	709.4
TEST VOLTAGE(V)	220	q @50%(H,V)	66,67DEG

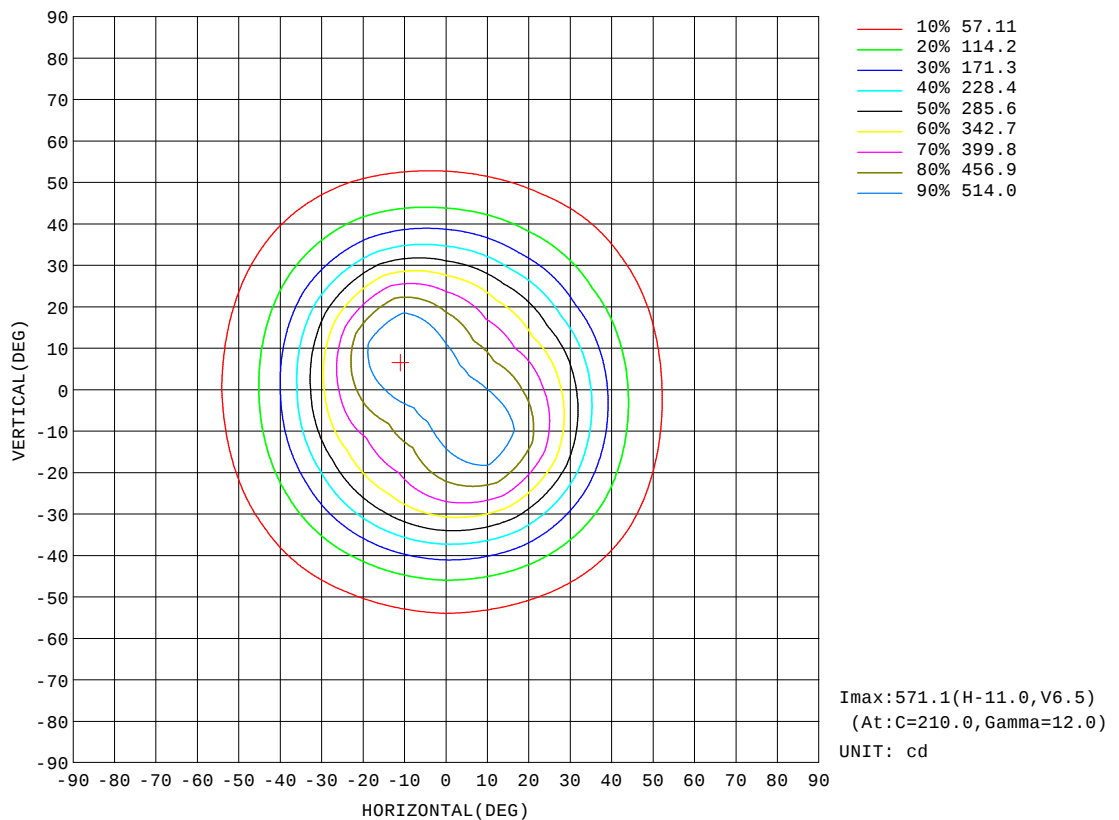
VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm			F t	F a
	90	0.01	0.03	0.04	0.06	0.08	0.09	0.10	0.11	0.11	0.11	0.11	0.10	0.09	0.07	0.06	0.04	0.02	0.00	1.24	0.00
	80	0.01	0.03	0.05	0.08	0.12	0.17	0.21	0.25	0.27	0.26	0.24	0.20	0.16	0.12	0.08	0.05	0.02	0.00	2.32	0.00
	70	0.01	0.03	0.07	0.14	0.25	0.38	0.51	0.62	0.68	0.66	0.58	0.46	0.35	0.23	0.14	0.06	0.02	0.00	5.22	0.00
	60	0.01	0.04	0.11	0.24	0.46	0.74	1.07	1.35	1.49	1.43	1.22	0.93	0.65	0.41	0.23	0.10	0.03	0.00	10.5	1.36
	50	0.01	0.05	0.16	0.38	0.76	1.36	2.17	2.92	3.26	3.08	2.48	1.75	1.12	0.66	0.34	0.14	0.04	0.00	20.7	15.7
	40	0.01	0.06	0.21	0.54	1.18	2.40	4.26	6.18	6.96	6.39	4.91	3.24	1.87	0.97	0.47	0.18	0.05	0.00	39.9	36.8
	30	0.01	0.07	0.26	0.71	1.72	3.92	7.46	11.1	12.1	10.7	8.31	5.48	2.93	1.39	0.60	0.22	0.05	0.01	67.1	64.7
	20	0.01	0.08	0.31	0.86	2.24	5.41	10.5	15.0	15.8	13.7	11.1	7.83	4.27	1.86	0.73	0.26	0.06	0.01	90.0	88.0
	10	0.01	0.09	0.33	0.95	2.54	6.16	11.5	15.7	16.8	15.4	13.2	9.81	5.43	2.24	0.81	0.27	0.06	0.01	101	99.6
	0	0.01	0.09	0.33	0.95	2.51	5.98	10.7	14.0	15.9	16.4	14.9	10.9	5.84	2.34	0.82	0.27	0.06	0.01	102	100
	-10	0.01	0.08	0.30	0.84	2.17	5.03	9.02	12.1	14.4	15.9	14.6	10.3	5.25	2.10	0.76	0.25	0.06	0.00	93.2	91.3
	-20	0.01	0.07	0.25	0.68	1.63	3.65	6.79	9.82	12.1	13.0	11.5	7.60	3.88	1.64	0.63	0.21	0.05	0.00	73.4	71.2
	-30	0.01	0.06	0.20	0.50	1.09	2.27	4.14	6.26	7.80	8.05	6.76	4.45	2.39	1.12	0.47	0.17	0.04	0.00	45.8	42.9
	-40	0.01	0.04	0.14	0.33	0.68	1.26	2.08	3.02	3.72	3.78	3.16	2.20	1.31	0.69	0.32	0.12	0.03	0.00	22.9	18.5
	-50	0.01	0.03	0.09	0.20	0.40	0.66	0.99	1.34	1.59	1.60	1.36	1.01	0.67	0.39	0.20	0.08	0.02	0.00	10.6	2.28
-60	0.01	0.02	0.05	0.10	0.20	0.31	0.44	0.57	0.66	0.66	0.57	0.44	0.31	0.19	0.10	0.04	0.01	0.00	4.70	0.00	
-70	0.01	0.02	0.03	0.04	0.07	0.11	0.15	0.19	0.22	0.22	0.19	0.15	0.11	0.07	0.04	0.02	0.01	0.00	1.63	0.00	
-80	0.01	0.02	0.02	0.02	0.02	0.03	0.03	0.04	0.04	0.04	0.04	0.03	0.03	0.02	0.01	0.01	0.01	0.00	0.40	0.00	
-90	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL(DEG)				20	30	40	50	60	70	80	90	
F t	0.18	0.91	2.95	7.63	18.1	39.9	72.2	101	114	111	95.2	66.8	36.6	16.5	6.80	2.49	0.63	0.07	693	---	
F a	0.00	0.00	0.00	1.50	13.5	35.9	68.4	96.8	110	108	91.3	62.9	32.4	11.5	0.61	0.00	0.00	0.00	---	632	

one-half-peak spread: U:33.9,D:33.0 , L:29.6,R:36.5 NEMA Beam Type: Type 6

H_b Range:-90 - 90DEG
H_b Interval: 0.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2024-06-26
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-60D-Rev2	TYPE:6000K	WEIGHT:
SPEC.:60 DEG	DIM.:600MM	SERIAL No.:IES002521
MFR.:	SUR.:	Shielding Angle:

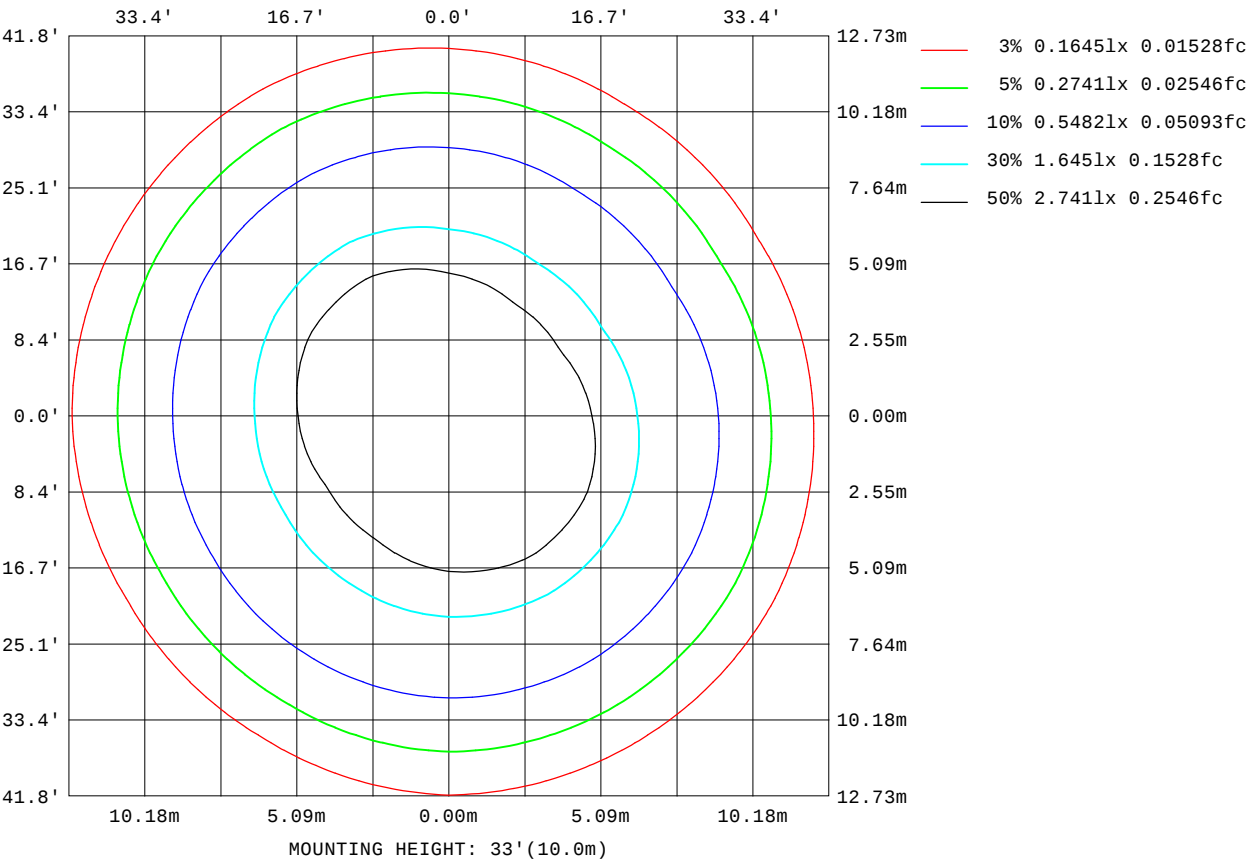


H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-06-26

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

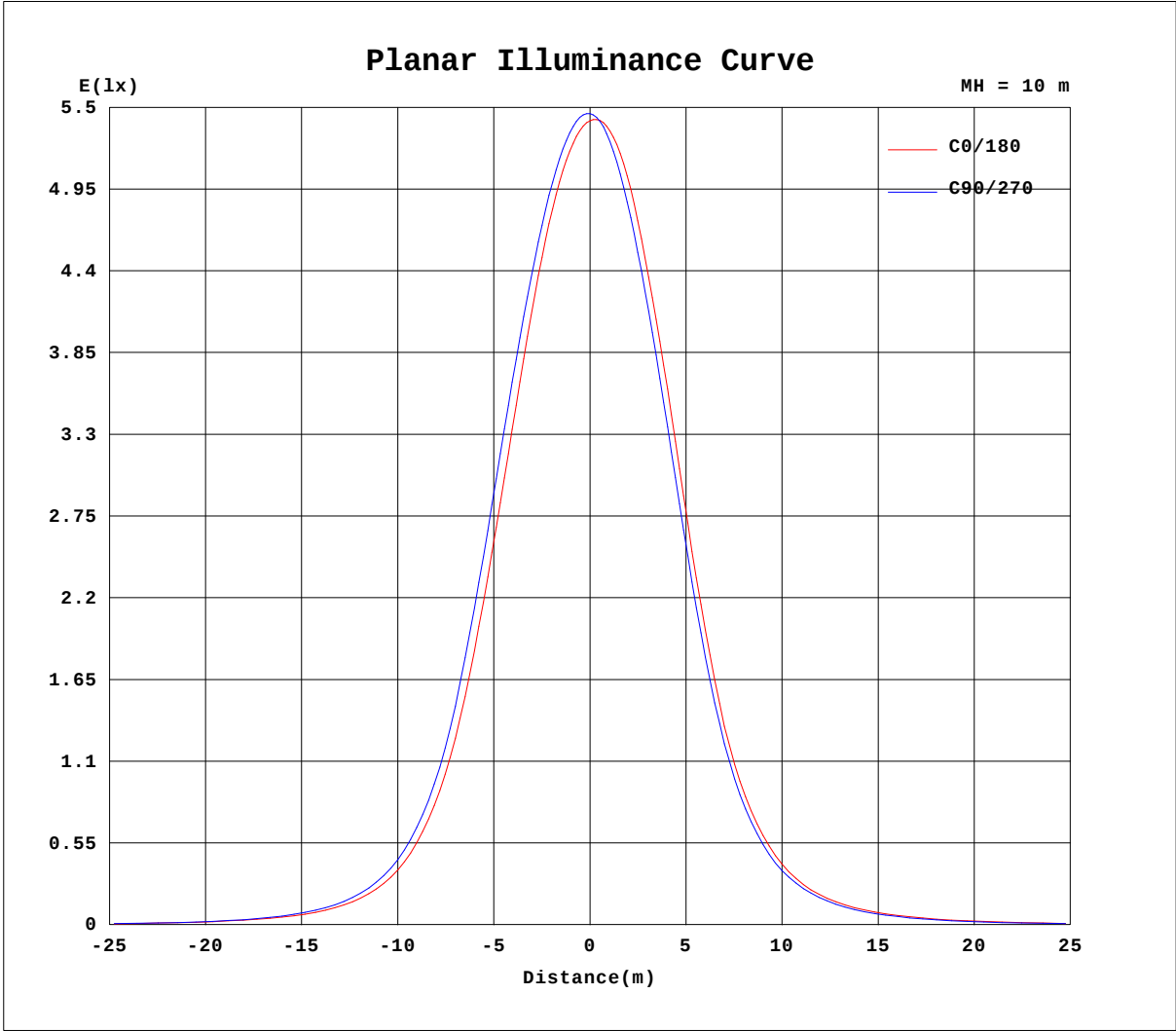
NAME:Blazeline Mini-600mm-TW-6000K-60D-Rev2	TYPE:6000K	WEIGHT:
SPEC.:60 DEG	DIM.:600MM	SERIAL No.:IES002521
MFR.:	SUR.:	Shielding Angle:



H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-06-26

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

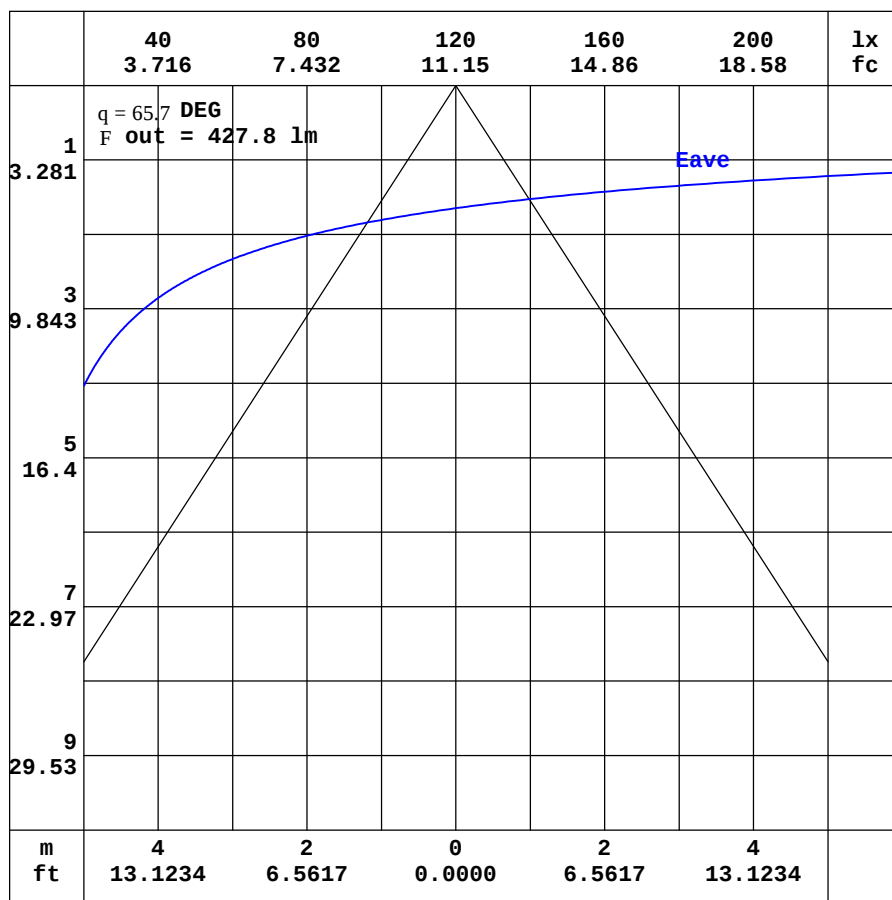


H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-06-26

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-60D-Rev2	TYPE:6000K	WEIGHT:
SPEC.:60 DEG	DIM.:600MM	SERIAL No.:IES002521
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:2024-06-26

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-60D-Rev2	TYPE:6000K	WEIGHT:
SPEC.:60 DEG	DIM.:600MM	SERIAL No.:IES002521
MFR.:	SUR.:	Shielding Angle:

Table--1																		UNIT: cd	
H(DEG) V(DEG)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-180	3.16	2.91	2.80	2.81	2.88	3.04	3.28	3.56	3.85	4.16	4.47	4.76	4.99	5.16	5.23	5.19	5.15	5.03	4.95
-170	3.16	2.85	2.69	2.64	2.64	2.72	2.84	2.99	3.15	3.31	3.45	3.57	3.61	3.64	3.57	3.58	3.85	4.09	4.25
-160	3.16	2.80	2.57	2.46	2.39	2.38	2.40	2.42	2.43	2.44	2.43	2.38	2.30	2.56	2.85	3.07	3.26	3.39	3.44
-150	3.16	2.76	2.47	2.30	2.16	2.06	1.97	1.88	1.77	1.63	1.55	1.74	1.94	2.13	2.31	2.47	2.63	2.73	2.78
-140	3.16	2.72	2.39	2.15	1.95	1.77	1.60	1.43	1.23	1.20	1.29	1.41	1.54	1.67	1.78	1.92	2.03	2.11	2.15
-130	3.16	2.71	2.33	2.03	1.78	1.53	1.30	1.07	0.99	1.04	1.10	1.15	1.21	1.28	1.35	1.44	1.51	1.57	1.61
-120	3.16	2.70	2.29	1.94	1.63	1.35	1.07	0.87	0.89	0.92	0.94	0.96	0.99	1.02	1.06	1.10	1.14	1.16	1.19
-110	3.16	2.70	2.29	1.90	1.55	1.21	0.89	0.80	0.82	0.82	0.83	0.85	0.85	0.85	0.87	0.89	0.91	0.92	0.94
-100	3.16	2.72	2.31	1.91	1.53	1.15	0.80	0.77	0.76	0.76	0.76	0.76	0.76	0.77	0.77	0.77	0.77	0.77	0.78
-90	3.16	2.76	2.36	1.96	1.56	1.16	0.76	0.75	0.75	0.74	0.73	0.73	0.72	0.71	0.70	0.69	0.68	0.66	0.65
-80	3.16	2.81	2.45	2.11	1.80	1.48	1.14	1.24	1.37	1.50	1.63	1.77	1.91	2.13	2.39	2.61	2.80	2.94	3.05
-70	3.16	2.88	2.72	2.65	2.62	2.65	2.82	3.47	4.47	5.52	6.59	7.63	8.61	9.66	10.7	11.6	12.4	13.0	13.3
-60	3.16	3.00	3.16	3.45	4.04	5.07	6.43	8.20	10.6	13.1	15.7	18.4	21.0	23.7	26.6	29.3	31.5	33.1	34.1
-50	3.16	3.16	3.66	4.55	6.28	8.53	11.5	14.9	19.0	23.9	29.6	36.1	43.3	50.8	58.9	66.8	73.5	78.4	81.0
-40	3.16	3.38	4.22	5.97	8.80	12.5	17.4	23.1	30.0	39.3	51.7	67.0	85.3	106	127	150	168	181	187
-30	3.16	3.58	4.81	7.50	11.3	16.7	23.7	32.7	44.5	61.1	84.4	116	154	197	241	280	313	339	355
-20	3.16	3.75	5.35	8.83	13.5	20.6	29.8	42.3	59.8	86.2	124	173	230	292	344	381	411	447	476
-10	3.16	3.89	5.78	9.77	15.3	23.6	34.8	49.9	72.3	107	157	222	299	364	408	440	474	501	532
0	3.16	4.00	6.06	10.3	16.2	25.2	37.4	53.6	77.8	116	171	243	332	413	473	512	536	544	541
10	3.16	3.97	5.93	9.98	15.6	24.0	35.5	50.8	73.6	109	162	234	323	416	498	551	565	556	520
20	3.16	3.91	5.66	9.25	14.1	21.5	31.1	44.0	62.1	89.6	131	187	257	333	406	463	492	476	443
30	3.16	3.81	5.26	8.12	12.1	17.9	25.4	34.9	47.5	65.0	89.6	122	162	206	253	296	314	316	303
40	3.16	3.68	4.80	6.80	9.86	13.8	19.2	25.6	33.3	43.1	55.7	71.1	89.2	109	128	144	153	157	154
50	3.16	3.51	4.36	5.57	7.56	10.1	13.3	17.3	21.9	27.1	33.0	39.6	46.8	54.3	60.9	65.9	69.4	70.9	70.1
60	3.16	3.39	3.95	4.64	5.56	6.90	8.57	10.6	13.0	15.7	18.4	21.2	24.0	26.6	28.8	30.7	32.0	32.7	32.7
70	3.16	3.30	3.57	3.95	4.33	4.78	5.31	6.02	6.88	7.91	9.00	10.1	11.1	12.0	12.8	13.4	13.9	14.2	14.2
80	3.16	3.24	3.33	3.45	3.59	3.74	3.85	3.97	4.10	4.24	4.38	4.52	4.65	4.75	4.85	4.92	4.96	4.97	4.94
90	3.16	3.19	3.22	3.24	3.27	3.30	3.33	3.31	3.29	3.28	3.26	3.25	3.23	3.21	3.19	3.17	3.15	3.13	3.11
100	3.16	3.14	3.11	3.10	3.08	3.06	3.06	3.02	2.97	2.93	2.89	2.85	2.82	2.80	2.80	2.79	2.79	2.78	2.78
110	3.16	3.09	3.03	2.98	2.94	2.92	2.91	2.88	2.85	2.84	2.84	2.84	2.85	2.86	2.87	2.87	2.87	2.86	2.85
120	3.16	3.05	2.95	2.90	2.87	2.86	2.86	2.86	2.87	2.92	2.99	3.06	3.14	3.20	3.24	3.28	3.30	3.30	3.30
130	3.16	3.01	2.91	2.85	2.84	2.85	2.87	2.94	3.05	3.17	3.30	3.43	3.56	3.67	3.76	3.82	3.88	3.92	3.93
140	3.16	2.98	2.86	2.83	2.83	2.86	2.97	3.10	3.27	3.46	3.65	3.82	3.99	4.15	4.28	4.39	4.47	4.53	4.56
150	3.16	2.95	2.83	2.82	2.84	2.93	3.08	3.28	3.51	3.73	3.95	4.16	4.39	4.57	4.72	4.84	4.93	4.97	4.99
160	3.16	2.93	2.82	2.82	2.86	2.99	3.19	3.43	3.69	3.95	4.21	4.47	4.65	4.81	4.99	5.09	5.14	5.13	5.13
170	3.16	2.92	2.81	2.82	2.87	3.03	3.26	3.53	3.81	4.10	4.40	4.65	4.85	5.03	5.11	5.13	5.14	5.13	5.17
180	3.16	2.91	2.80	2.81	2.88	3.04	3.28	3.56	3.85	4.16	4.47	4.76	4.99	5.16	5.23	5.19	5.15	5.03	4.98

H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-06-26

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-60D-Rev2	TYPE:6000K	WEIGHT:
SPEC.:60 DEG	DIM.:600MM	SERIAL No.:IES002521
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	4.51	4.12	3.77	3.43	3.10	2.76	2.42	2.09	1.79	1.54	1.32	1.14	1.00	0.89	0.80	0.73	0.67	0.65	
-170	4.03	3.82	3.55	3.30	3.08	2.75	2.42	2.10	1.80	1.55	1.33	1.14	1.00	0.89	0.80	0.74	0.67	0.65	
-160	3.37	3.24	3.13	2.98	2.79	2.56	2.27	1.98	1.72	1.49	1.29	1.12	0.98	0.88	0.80	0.73	0.67	0.65	
-150	2.76	2.69	2.57	2.47	2.33	2.16	1.98	1.78	1.57	1.38	1.20	1.06	0.94	0.86	0.78	0.72	0.67	0.65	
-140	2.15	2.12	2.06	1.97	1.87	1.76	1.63	1.50	1.36	1.22	1.09	0.98	0.90	0.82	0.77	0.71	0.66	0.65	
-130	1.61	1.60	1.57	1.52	1.46	1.38	1.29	1.21	1.13	1.05	0.97	0.90	0.84	0.79	0.75	0.71	0.66	0.65	
-120	1.19	1.18	1.16	1.13	1.09	1.06	1.02	0.98	0.94	0.91	0.87	0.83	0.79	0.76	0.73	0.69	0.66	0.65	
-110	0.93	0.92	0.90	0.89	0.87	0.85	0.84	0.83	0.81	0.80	0.79	0.78	0.75	0.73	0.70	0.67	0.66	0.65	
-100	0.77	0.76	0.75	0.74	0.74	0.72	0.72	0.73	0.73	0.73	0.74	0.74	0.72	0.70	0.68	0.67	0.66	0.65	
-90	0.66	0.66	0.67	0.67	0.68	0.69	0.69	0.69	0.69	0.70	0.70	0.70	0.69	0.69	0.68	0.67	0.66	0.65	
-80	2.94	2.79	2.60	2.37	2.09	1.86	1.73	1.60	1.46	1.34	1.20	1.06	0.96	0.88	0.81	0.75	0.68	0.65	
-70	12.9	12.3	11.5	10.6	9.51	8.45	7.49	6.47	5.43	4.44	3.53	2.75	2.08	1.58	1.21	0.93	0.75	0.65	
-60	33.2	31.7	29.6	26.9	23.9	21.1	18.3	15.5	12.9	10.4	8.08	5.97	4.32	3.00	1.90	1.23	0.83	0.65	
-50	79.3	75.2	68.9	61.2	52.9	44.6	36.8	29.9	23.8	18.6	14.3	10.6	7.28	4.83	2.98	1.61	0.92	0.65	
-40	185	174	158	137	112	90.0	70.1	53.4	40.0	29.7	21.9	15.8	10.9	6.85	4.17	2.07	1.02	0.65	
-30	356	343	314	266	214	165	122	88.1	62.0	43.2	30.5	21.3	14.4	8.97	5.20	2.58	1.13	0.65	
-20	493	496	462	405	335	254	182	126	85.0	56.8	38.5	26.3	17.5	10.8	6.06	3.04	1.22	0.65	
-10	550	544	524	473	398	312	224	154	102	66.4	43.9	29.8	19.6	12.1	6.68	3.36	1.28	0.65	
0	532	514	485	440	382	309	229	159	105	68.4	45.4	31.1	20.5	12.6	6.92	3.50	1.30	0.65	
10	481	451	414	375	326	263	195	137	93.4	62.9	42.8	29.7	19.9	12.3	6.88	3.50	1.35	0.65	
20	414	375	339	296	243	187	141	102	73.5	52.0	37.1	26.4	18.0	11.3	6.45	3.32	1.37	0.65	
30	285	257	222	189	154	121	92.6	70.0	53.0	39.9	29.9	21.9	15.2	9.69	5.77	2.99	1.35	0.65	
40	147	134	118	101	85.4	70.6	57.4	46.0	36.6	29.0	22.6	17.0	12.0	7.82	4.91	2.61	1.30	0.65	
50	67.7	63.4	57.9	51.6	45.2	39.5	34.0	28.9	24.2	19.9	16.0	12.2	8.71	6.00	3.89	2.26	1.25	0.65	
60	31.9	30.4	28.5	26.2	23.7	21.4	19.1	16.8	14.6	12.4	10.2	7.94	5.98	4.36	2.99	1.97	1.20	0.65	
70	13.9	13.5	12.8	12.0	11.1	10.2	9.32	8.42	7.46	6.57	5.77	4.97	4.03	3.17	2.41	1.73	1.15	0.65	
80	4.90	4.82	4.73	4.61	4.46	4.32	4.22	4.11	3.98	3.86	3.74	3.59	3.09	2.57	2.07	1.58	1.09	0.65	
90	3.10	3.09	3.08	3.07	3.06	3.05	3.07	3.08	3.09	3.10	3.12	3.13	2.72	2.30	1.89	1.48	1.07	0.65	
100	2.77	2.77	2.76	2.76	2.76	2.75	2.77	2.79	2.82	2.85	2.88	2.89	2.53	2.17	1.81	1.44	1.05	0.65	
110	2.85	2.85	2.84	2.82	2.81	2.80	2.78	2.78	2.77	2.78	2.79	2.70	2.38	2.06	1.73	1.38	1.03	0.65	
120	3.30	3.28	3.25	3.21	3.15	3.08	3.01	2.94	2.88	2.82	2.79	2.56	2.25	1.94	1.64	1.32	0.99	0.65	
130	3.94	3.91	3.87	3.80	3.70	3.58	3.44	3.29	3.15	3.02	2.79	2.42	2.11	1.82	1.53	1.25	0.95	0.65	
140	4.57	4.55	4.50	4.41	4.28	4.11	3.92	3.71	3.49	3.16	2.70	2.29	1.95	1.67	1.42	1.16	0.90	0.65	
150	5.01	5.01	4.98	4.91	4.80	4.62	4.38	4.12	3.56	3.01	2.53	2.12	1.78	1.51	1.28	1.07	0.85	0.65	
160	5.13	5.14	5.19	5.23	5.17	5.02	4.41	3.77	3.20	2.68	2.24	1.87	1.57	1.33	1.14	0.97	0.79	0.65	
170	5.07	5.17	5.31	5.03	4.58	4.08	3.57	3.06	2.59	2.18	1.83	1.53	1.30	1.12	0.97	0.85	0.74	0.65	
180	4.51	4.12	3.77	3.43	3.10	2.76	2.42	2.09	1.79	1.54	1.32	1.14	1.00	0.89	0.80	0.73	0.67	0.65	

H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-06-26

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: