

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity (Luminaire orientation as tested.)	835.5 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
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Beam Spread	At 10% of Imax	104.5V x 104.2H
	At 50% of Imax	64.8V x 64.3H
	At 90% of Imax	31.5V x 29.2H

Beam Flux	Total	1000.0 lumens per klm.
	To 10% of Imax	888.6 lumens per klm.
	To 50% of Imax	593.4 lumens per klm.
	To 90% of Imax	160.9 lumens per klm.

Upward LOR	2.3 %
Downward LOR	97.7 %

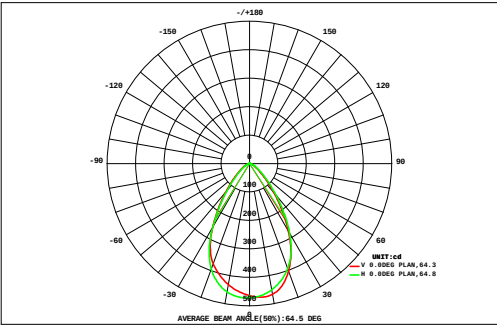
Luminaire Efficiency(Light Output Ratio)	100.0 %
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H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-06-29

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-4000K-60D-Rev1	TYPE:4000K	WEIGHT:
SPEC.:60 DEG	DIM.: 600mm	SERIAL No.:IES002553
MFR.:	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:53.06lm/W	
MODEL		Imax(cd)	487.7
NOMINAL POWER(W)	11.3	AVAILABILITY(%)	88.9
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	518.9
NOMINAL FLUX(lm)	583.7	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	583.7
TEST VOLTAGE(V)	220	q @50%(H,V)	64,65DEG

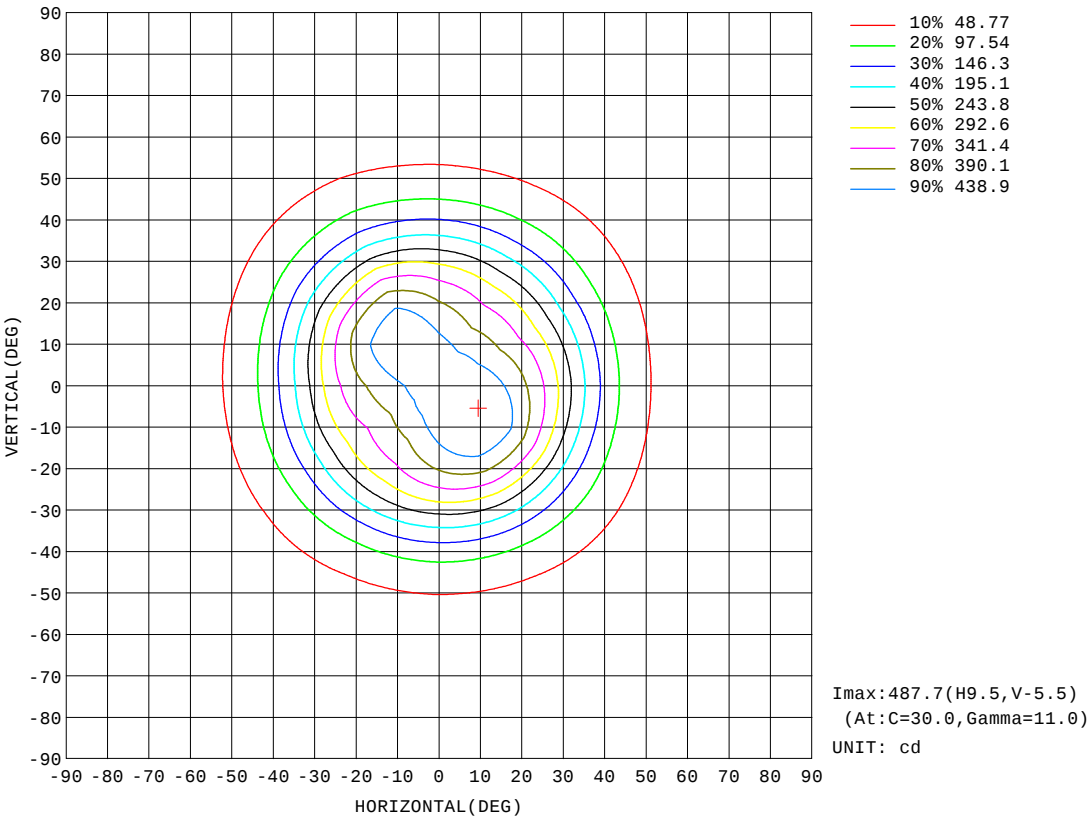
AREA FLUX DIAGRAM																	UNIT:lm			F t	F a
VERTICAL (DEG)	90	0.01	0.02	0.04	0.05	0.07	0.08	0.09	0.10	0.10	0.10	0.09	0.09	0.07	0.06	0.05	0.03	0.01	0.00	1.07	0.00
	80	0.01	0.02	0.05	0.07	0.11	0.16	0.20	0.23	0.25	0.25	0.22	0.19	0.15	0.11	0.07	0.04	0.01	0.00	2.13	0.00
	70	0.01	0.03	0.06	0.12	0.21	0.33	0.45	0.54	0.59	0.58	0.51	0.41	0.30	0.20	0.12	0.06	0.02	0.00	4.56	0.00
	60	0.01	0.03	0.09	0.20	0.38	0.62	0.92	1.18	1.32	1.28	1.09	0.82	0.56	0.35	0.19	0.08	0.02	0.00	9.16	1.51
	50	0.01	0.04	0.13	0.30	0.62	1.14	1.89	2.62	3.01	2.89	2.33	1.61	1.00	0.56	0.28	0.11	0.03	0.00	18.6	14.6
	40	0.01	0.05	0.16	0.42	0.96	2.02	3.73	5.59	6.48	6.11	4.77	3.10	1.71	0.84	0.38	0.14	0.04	0.00	36.5	34.0
	30	0.01	0.06	0.20	0.55	1.38	3.27	6.41	9.75	10.8	9.82	7.86	5.26	2.73	1.21	0.49	0.17	0.04	0.00	60.0	58.0
	20	0.01	0.06	0.23	0.66	1.76	4.43	8.76	12.5	13.5	12.2	10.3	7.34	3.91	1.59	0.58	0.19	0.04	0.00	78.0	76.3
	10	0.01	0.06	0.25	0.71	1.96	4.89	9.28	12.6	14.0	13.7	12.1	8.96	4.81	1.87	0.63	0.20	0.04	0.00	86.2	84.6
	0	0.01	0.06	0.24	0.69	1.88	4.61	8.50	11.3	13.3	14.5	13.3	9.51	4.89	1.87	0.63	0.20	0.04	0.00	85.6	83.9
	-10	0.01	0.06	0.21	0.60	1.56	3.75	7.03	9.86	12.1	13.5	12.3	8.32	4.06	1.59	0.56	0.18	0.04	0.00	75.8	74.0
	-20	0.01	0.05	0.18	0.47	1.14	2.57	4.98	7.58	9.54	10.2	8.69	5.56	2.78	1.17	0.45	0.15	0.03	0.00	55.5	53.5
	-30	0.01	0.04	0.14	0.34	0.74	1.53	2.78	4.29	5.42	5.57	4.57	2.98	1.62	0.77	0.33	0.12	0.03	0.00	31.3	28.5
	-40	0.01	0.03	0.10	0.22	0.45	0.83	1.34	1.93	2.38	2.41	2.00	1.41	0.87	0.47	0.22	0.08	0.02	0.00	14.8	10.00
	-50	0.01	0.03	0.06	0.13	0.26	0.43	0.63	0.85	1.00	1.01	0.87	0.65	0.44	0.26	0.13	0.05	0.02	0.00	6.82	0.00
	-60	0.01	0.02	0.04	0.07	0.13	0.20	0.28	0.36	0.41	0.42	0.37	0.29	0.20	0.13	0.07	0.03	0.01	0.00	3.01	0.00
-70	0.01	0.01	0.02	0.03	0.05	0.07	0.09	0.12	0.14	0.14	0.12	0.10	0.07	0.05	0.03	0.01	0.01	0.00	1.05	0.00	
-80	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.03	0.03	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.00	0.28	0.00	
-90	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)				20	30	40	50	60	70	80	90	
F t	0.14	0.70	2.20	5.66	13.7	30.9	57.4	81.5	94.4	94.7	81.5	56.6	30.2	13.1	5.21	1.86	0.46	0.05	570	---	
F a	0.00	0.00	0.00	0.49	9.49	27.4	54.0	78.2	91.1	91.3	78.2	53.2	26.6	8.78	0.19	0.00	0.00	0.00	---	519	

one-half-peak spread: U:30.7,D:34.4 , L:37.9,R:26.6 NEMA Beam Type: Type 6

H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-06-29
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-4000K-60D-Rev1	TYPE:4000K	WEIGHT:
SPEC.:60 DEG	DIM.: 600mm	SERIAL No.:IES002553
MFR.:	SUR.:	Shielding Angle:

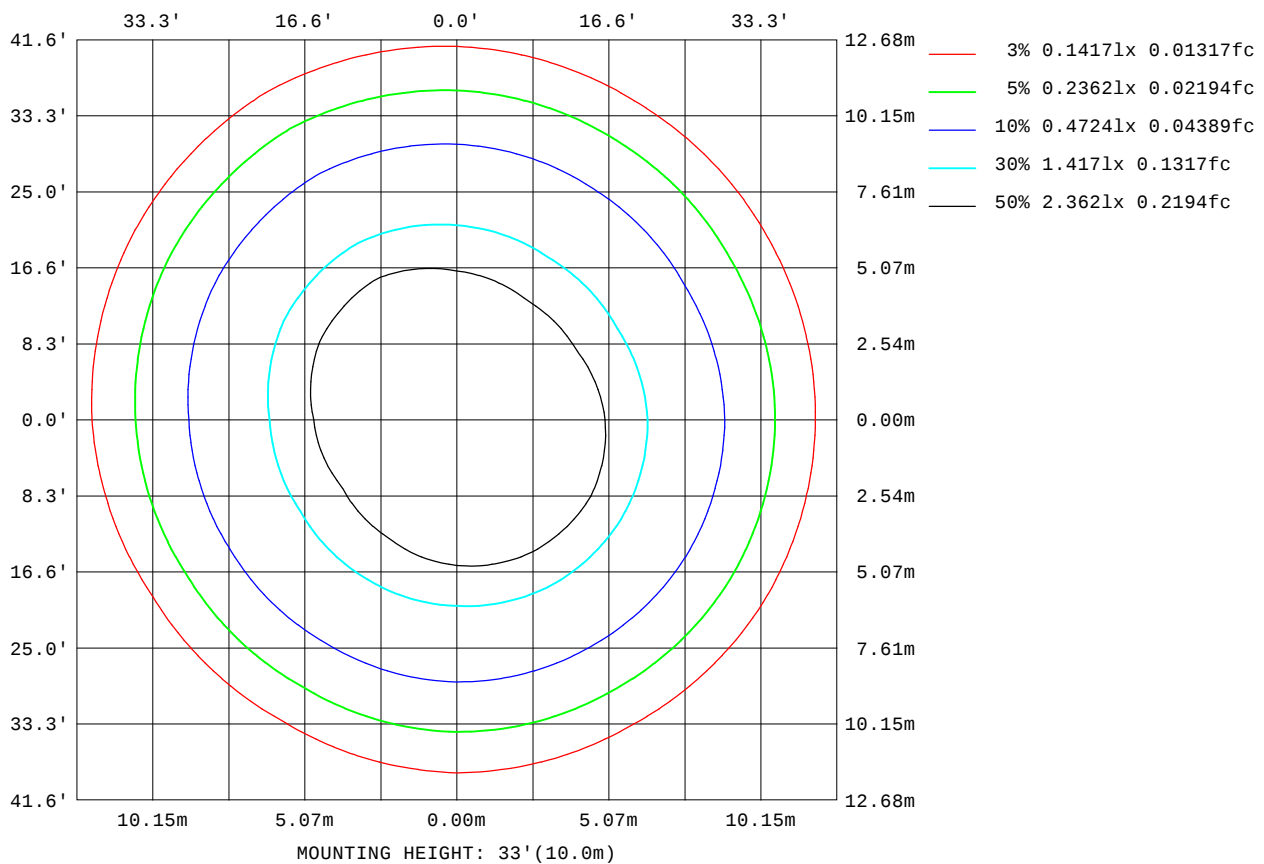


H_(b) Range: -90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-06-29

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

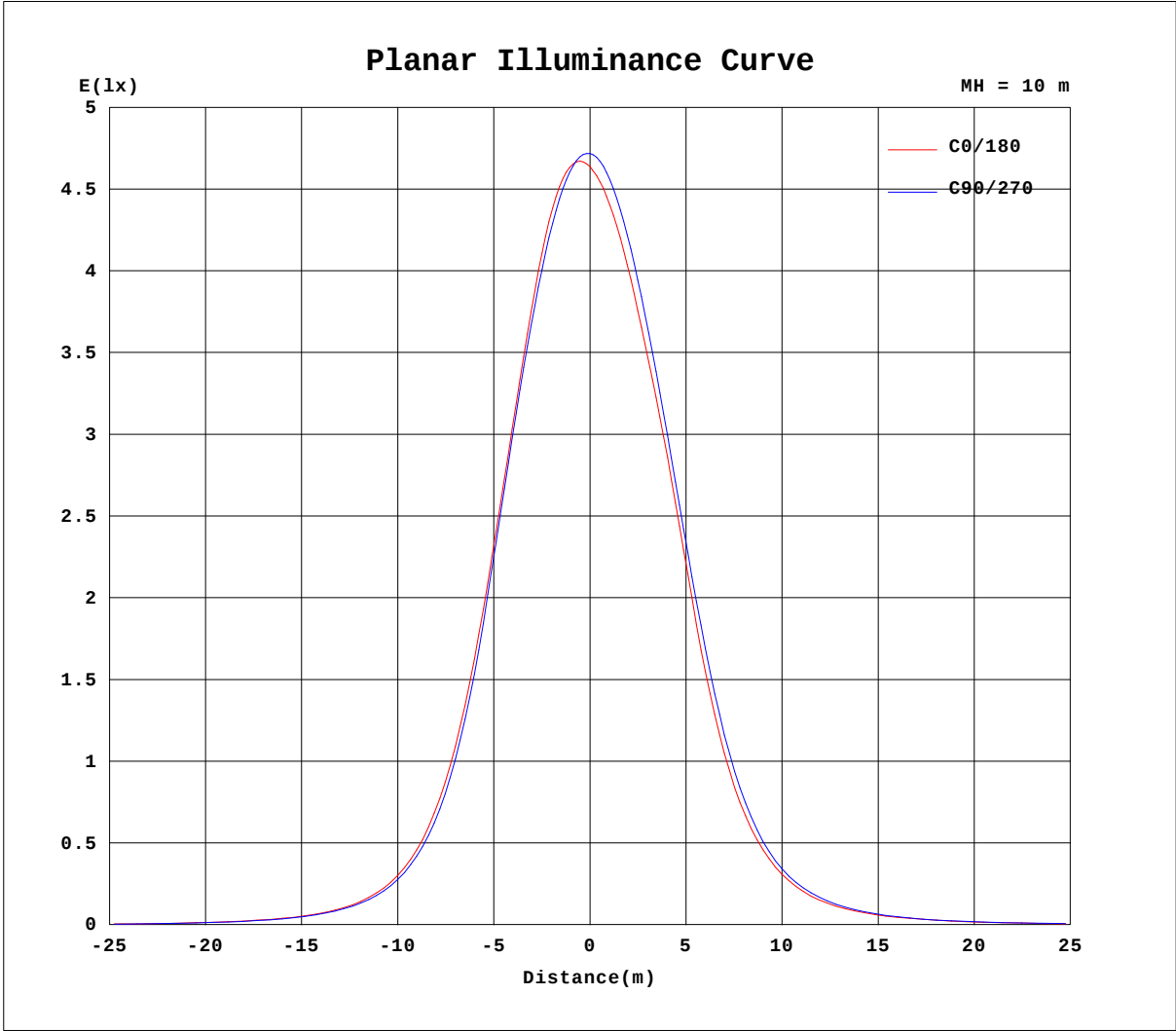
NAME:Blazeline Mini-600mm-TW-4000K-60D-Rev1	TYPE:4000K	WEIGHT:
SPEC.:60 DEG	DIM.: 600mm	SERIAL No.:IES002553
MFR.:	SUR.:	Shielding Angle:



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

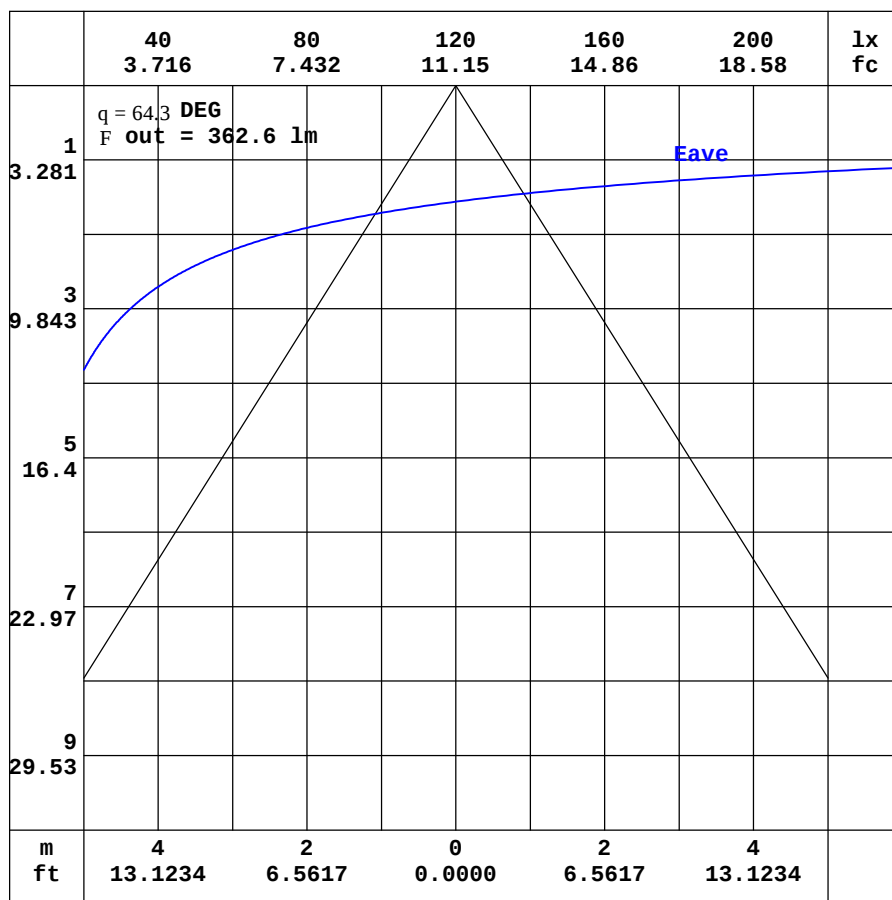


H_b Range: -90 - 90DEG
H_b Interval: 0.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2024-06-29

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-4000K-60D-Rev1	TYPE:4000K	WEIGHT:
SPEC.:60 DEG	DIM.: 600mm	SERIAL No.:IES002553
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-4000K-60D-Rev1	TYPE:4000K	WEIGHT:
SPEC.:60 DEG	DIM.: 600mm	SERIAL No.:IES002553
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	2.52	2.32	2.26	2.26	2.34	2.49	2.69	2.93	3.19	3.44	3.69	3.91	4.10	4.22	4.24	4.23	4.18	4.10	4.17
-170	2.52	2.27	2.16	2.12	2.14	2.22	2.34	2.47	2.62	2.75	2.87	2.96	3.02	3.03	3.00	3.04	3.28	3.48	3.60
-160	2.52	2.23	2.07	1.99	1.94	1.94	1.96	2.00	2.02	2.04	2.02	1.99	1.96	2.20	2.42	2.62	2.77	2.88	2.92
-150	2.52	2.20	1.99	1.86	1.75	1.68	1.62	1.55	1.48	1.37	1.31	1.47	1.64	1.81	1.97	2.11	2.24	2.32	2.36
-140	2.52	2.18	1.92	1.74	1.58	1.44	1.31	1.17	1.02	1.00	1.10	1.20	1.31	1.42	1.52	1.63	1.72	1.78	1.83
-130	2.52	2.16	1.87	1.63	1.43	1.25	1.06	0.87	0.82	0.86	0.91	0.96	1.02	1.07	1.15	1.22	1.28	1.33	1.36
-120	2.52	2.15	1.83	1.56	1.32	1.09	0.87	0.72	0.73	0.75	0.78	0.79	0.82	0.84	0.88	0.92	0.95	0.98	1.00
-110	2.52	2.16	1.83	1.53	1.25	0.99	0.73	0.66	0.67	0.68	0.68	0.69	0.70	0.71	0.72	0.74	0.76	0.77	0.78
-100	2.52	2.18	1.85	1.54	1.24	0.94	0.66	0.64	0.64	0.64	0.63	0.63	0.63	0.63	0.64	0.64	0.65	0.65	0.66
-90	2.52	2.21	1.90	1.58	1.27	0.95	0.64	0.64	0.63	0.63	0.62	0.62	0.61	0.60	0.59	0.58	0.57	0.56	0.55
-80	2.52	2.25	1.97	1.69	1.42	1.14	0.82	0.87	0.95	1.03	1.13	1.22	1.31	1.44	1.57	1.69	1.79	1.86	1.90
-70	2.52	2.31	2.18	2.11	2.00	1.97	2.05	2.44	3.02	3.61	4.23	4.83	5.37	6.00	6.63	7.19	7.67	8.02	8.24
-60	2.52	2.40	2.54	2.67	3.11	3.70	4.40	5.39	6.86	8.40	10.0	11.7	13.3	15.1	16.9	18.5	19.9	20.9	21.4
-50	2.52	2.54	2.90	3.56	4.64	5.96	7.75	9.76	12.3	15.6	19.3	23.4	27.9	32.5	37.4	42.3	46.3	49.3	50.7
-40	2.52	2.74	3.31	4.60	6.34	8.79	11.9	15.5	20.0	26.2	34.3	44.3	55.9	68.9	82.5	97.0	109	118	122
-30	2.52	2.91	3.79	5.63	8.10	11.8	16.5	22.6	30.6	41.7	57.4	78.8	106	138	171	203	230	249	259
-20	2.52	3.05	4.25	6.55	9.87	14.7	21.1	29.9	42.2	60.9	88.0	125	171	221	269	307	337	369	395
-10	2.52	3.17	4.62	7.27	11.2	17.0	25.1	36.1	52.6	78.6	117	169	230	288	328	357	391	422	458
0	2.52	3.26	4.86	7.71	12.0	18.3	27.5	39.5	58.0	87.4	131	191	259	328	374	406	432	451	464
10	2.52	3.24	4.78	7.55	11.7	17.8	26.4	38.3	56.4	85.1	129	189	263	340	405	448	467	471	451
20	2.52	3.19	4.56	7.10	10.8	16.2	23.5	33.7	48.4	71.2	105	154	216	283	346	396	425	415	392
30	2.52	3.11	4.23	6.40	9.30	13.7	19.4	27.1	37.6	52.5	73.8	102	139	180	223	263	284	290	282
40	2.52	2.99	3.87	5.53	7.77	10.9	15.1	20.1	26.6	35.0	46.1	60.0	76.6	95.4	115	130	141	147	147
50	2.52	2.84	3.55	4.59	6.20	8.14	10.7	14.0	17.7	22.1	27.3	33.3	39.9	47.2	53.1	58.4	62.1	64.0	63.9
60	2.52	2.73	3.25	3.79	4.68	5.87	7.22	8.86	10.9	13.1	15.6	18.0	20.5	23.1	24.9	26.5	27.8	28.5	28.6
70	2.52	2.66	2.92	3.27	3.59	4.04	4.61	5.35	6.20	7.12	8.04	8.96	9.94	10.8	11.5	12.0	12.4	12.7	12.7
80	2.52	2.61	2.70	2.83	2.98	3.13	3.25	3.38	3.53	3.69	3.89	4.10	4.34	4.49	4.62	4.71	4.77	4.80	4.78
90	2.52	2.56	2.61	2.65	2.69	2.73	2.77	2.76	2.75	2.74	2.74	2.73	2.72	2.70	2.68	2.66	2.65	2.63	2.61
100	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.48	2.44	2.40	2.36	2.32	2.28	2.27	2.26	2.25	2.25	2.25	2.25
110	2.52	2.48	2.44	2.41	2.39	2.38	2.36	2.31	2.29	2.27	2.27	2.27	2.27	2.27	2.27	2.26	2.25	2.24	2.23
120	2.52	2.44	2.38	2.34	2.32	2.29	2.29	2.29	2.30	2.33	2.37	2.42	2.48	2.53	2.55	2.57	2.58	2.58	2.56
130	2.52	2.41	2.34	2.30	2.28	2.29	2.30	2.35	2.43	2.53	2.63	2.73	2.82	2.92	2.98	3.03	3.07	3.08	3.08
140	2.52	2.39	2.30	2.28	2.28	2.31	2.38	2.50	2.63	2.77	2.93	3.07	3.21	3.34	3.45	3.53	3.59	3.63	3.65
150	2.52	2.36	2.28	2.27	2.29	2.36	2.49	2.65	2.83	3.02	3.19	3.37	3.54	3.70	3.83	3.94	4.01	4.05	4.08
160	2.52	2.34	2.27	2.27	2.31	2.42	2.59	2.79	3.01	3.23	3.43	3.61	3.77	3.93	4.06	4.15	4.22	4.24	4.25
170	2.52	2.33	2.26	2.27	2.33	2.47	2.66	2.89	3.13	3.38	3.60	3.80	3.98	4.10	4.15	4.17	4.20	4.22	4.26
180	2.52	2.32	2.26	2.26	2.34	2.49	2.69	2.93	3.19	3.44	3.69	3.91	4.10	4.22	4.24	4.23	4.18	4.10	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-4000K-60D-Rev1	TYPE:4000K	WEIGHT:
SPEC.:60 DEG	DIM.: 600mm	SERIAL No.:IES002553
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	3.68	3.37	3.07	2.79	2.51	2.22	1.94	1.67	1.43	1.23	1.05	0.91	0.80	0.71	0.64	0.59	0.54	0.54	
-170	3.38	3.18	2.95	2.70	2.47	2.21	1.95	1.68	1.44	1.24	1.06	0.92	0.81	0.72	0.65	0.59	0.54	0.54	
-160	2.83	2.70	2.57	2.42	2.26	2.07	1.83	1.59	1.38	1.20	1.03	0.90	0.79	0.71	0.64	0.59	0.54	0.54	
-150	2.32	2.24	2.14	2.03	1.90	1.75	1.59	1.43	1.26	1.11	0.97	0.86	0.77	0.69	0.64	0.58	0.54	0.54	
-140	1.81	1.77	1.70	1.62	1.53	1.43	1.32	1.21	1.10	0.99	0.89	0.80	0.73	0.67	0.63	0.57	0.54	0.54	
-130	1.36	1.34	1.30	1.25	1.20	1.13	1.06	0.99	0.93	0.87	0.80	0.74	0.69	0.65	0.61	0.57	0.54	0.54	
-120	0.99	0.98	0.96	0.93	0.90	0.87	0.85	0.81	0.78	0.75	0.72	0.69	0.66	0.62	0.59	0.56	0.54	0.54	
-110	0.78	0.77	0.75	0.73	0.71	0.70	0.69	0.68	0.67	0.66	0.65	0.64	0.62	0.59	0.57	0.55	0.54	0.54	
-100	0.65	0.64	0.63	0.62	0.60	0.59	0.59	0.59	0.60	0.60	0.60	0.60	0.59	0.57	0.56	0.55	0.54	0.54	
-90	0.55	0.55	0.55	0.55	0.55	0.55	0.56	0.56	0.56	0.56	0.57	0.57	0.56	0.56	0.55	0.55	0.54	0.54	
-80	1.86	1.78	1.68	1.56	1.42	1.29	1.21	1.12	1.02	0.93	0.84	0.75	0.70	0.66	0.62	0.58	0.55	0.54	
-70	8.06	7.74	7.29	6.74	6.12	5.49	4.92	4.29	3.66	3.06	2.49	1.98	1.53	1.15	0.88	0.70	0.59	0.54	
-60	21.0	20.2	19.0	17.4	15.6	13.8	12.1	10.3	8.66	7.05	5.50	4.13	3.05	2.18	1.41	0.90	0.64	0.54	
-50	49.8	47.3	43.5	38.9	33.9	29.2	24.6	20.2	16.3	12.8	9.87	7.30	5.06	3.40	2.18	1.20	0.71	0.54	
-40	120	113	102	87.3	72.9	59.0	46.7	36.1	27.5	20.7	15.3	11.0	7.56	4.81	2.96	1.57	0.78	0.54	
-30	260	247	222	187	149	114	84.4	61.0	43.3	30.6	21.7	15.1	10.1	6.29	3.66	1.93	0.85	0.54	
-20	407	403	370	319	254	190	135	92.6	62.1	41.4	27.9	19.0	12.4	7.63	4.30	2.25	0.91	0.54	
-10	480	480	460	408	336	255	181	121	78.7	50.5	32.8	21.9	14.1	8.56	4.76	2.46	0.95	0.54	
0	471	467	444	402	345	274	199	134	85.8	54.2	34.8	23.1	14.9	8.93	4.95	2.56	0.97	0.54	
10	428	409	381	347	302	240	176	119	78.8	51.2	33.6	22.6	14.7	8.96	5.02	2.61	1.02	0.54	
20	371	343	316	279	231	179	131	91.9	63.2	43.1	29.5	20.4	13.5	8.40	4.80	2.53	1.04	0.54	
30	268	245	216	184	149	115	85.8	63.0	46.0	33.3	24.1	17.1	11.7	7.35	4.37	2.34	1.04	0.54	
40	141	129	113	96.4	80.1	64.8	51.6	40.3	31.4	24.2	18.3	13.5	9.38	6.12	3.83	2.08	1.02	0.54	
50	61.8	58.0	52.8	46.7	40.7	35.1	29.6	24.7	20.4	16.6	13.2	9.88	7.03	4.85	3.13	1.80	0.99	0.54	
60	27.9	26.7	24.9	22.9	20.9	18.7	16.5	14.4	12.4	10.5	8.57	6.72	5.06	3.63	2.45	1.57	0.96	0.54	
70	12.5	12.1	11.5	10.8	10.0	9.16	8.38	7.58	6.75	5.94	5.17	4.34	3.43	2.63	1.96	1.40	0.92	0.54	
80	4.73	4.65	4.53	4.37	4.19	3.99	3.81	3.63	3.46	3.32	3.17	3.01	2.56	2.12	1.69	1.28	0.89	0.54	
90	2.60	2.59	2.58	2.56	2.55	2.54	2.55	2.55	2.56	2.56	2.56	2.57	2.23	1.89	1.55	1.21	0.88	0.54	
100	2.24	2.24	2.23	2.22	2.21	2.22	2.24	2.26	2.28	2.31	2.33	2.34	2.06	1.77	1.48	1.17	0.86	0.54	
110	2.23	2.24	2.23	2.23	2.23	2.22	2.21	2.21	2.21	2.22	2.23	2.17	1.92	1.66	1.40	1.12	0.84	0.54	
120	2.56	2.55	2.54	2.51	2.47	2.42	2.37	2.31	2.27	2.23	2.23	2.04	1.80	1.56	1.32	1.07	0.81	0.54	
130	3.09	3.07	3.03	2.98	2.90	2.79	2.69	2.57	2.47	2.37	2.20	1.92	1.68	1.46	1.23	1.00	0.77	0.54	
140	3.65	3.63	3.58	3.50	3.38	3.24	3.08	2.91	2.74	2.48	2.12	1.81	1.55	1.34	1.14	0.93	0.74	0.54	
150	4.09	4.07	4.03	3.94	3.80	3.64	3.45	3.24	2.80	2.36	1.99	1.67	1.42	1.21	1.04	0.86	0.69	0.54	
160	4.24	4.24	4.23	4.18	4.07	3.90	3.46	2.98	2.52	2.12	1.77	1.47	1.24	1.06	0.91	0.78	0.64	0.54	
170	4.20	4.26	4.28	4.03	3.62	3.21	2.80	2.42	2.05	1.73	1.45	1.22	1.04	0.89	0.78	0.68	0.59	0.54	
180	3.68	3.37	3.07	2.79	2.51	2.22	1.94	1.67	1.43	1.23	1.05	0.91	0.80	0.71	0.64	0.59	0.54	0.54	

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: