

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	830.3 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	105.7V x 105.8H
	At 50% of Imax	66.4V x 67.6H
	At 90% of Imax	32.7V x 35.8H

Beam Flux	Total	1000.0 lumens per klm.
	To 10% of Imax	894.0 lumens per klm.
	To 50% of Imax	595.2 lumens per klm.
	To 90% of Imax	111.3 lumens per klm.

Upward LOR	2.4 %
Downward LOR	97.6 %

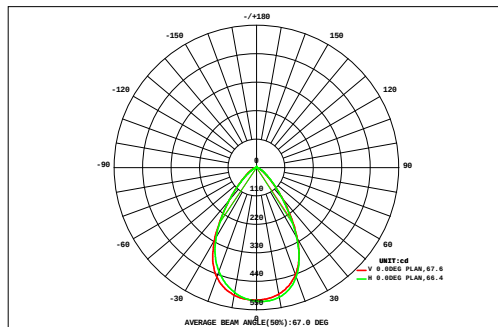
Luminaire Efficiency(Light Output Ratio)	100.0 %
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H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:
Test Date:2024-09-29

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-65D-Rev2	TYPE:6000K	WEIGHT:
SPEC.:65 DEG	DIM.:609MM	SERIAL No.:IES002998
MFR.:	SUR.:1	Shielding Angle:



DATA OF LAMP		Eff:64.94lm/W	
MODEL		Imax(cd)	560.8
NOMINAL POWER(W)	10.4	AVAILABILITY(%)	89.4
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	603.7
NOMINAL FLUX(lm)	675.4	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	675.4
TEST VOLTAGE(V)	220	q @50%(H,V)	68,66DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm			F t	F a
	0.01	0.02	0.04	0.06	0.07	0.09	0.10	0.10	0.11	0.11	0.10	0.09	0.08	0.07	0.05	0.03	0.01	0.00	1.15	0.00	
	0.01	0.03	0.05	0.08	0.11	0.14	0.18	0.21	0.22	0.22	0.20	0.17	0.14	0.10	0.06	0.03	0.01	0.00	1.97	0.00	
	0.01	0.03	0.07	0.13	0.21	0.31	0.42	0.52	0.57	0.56	0.49	0.39	0.28	0.18	0.10	0.05	0.02	0.00	4.35	0.00	
	0.01	0.04	0.10	0.21	0.39	0.65	0.95	1.22	1.36	1.31	1.10	0.82	0.55	0.33	0.17	0.07	0.02	0.00	9.29	0.83	
	0.01	0.05	0.14	0.32	0.68	1.29	2.08	2.81	3.17	3.00	2.41	1.65	0.99	0.55	0.27	0.10	0.03	0.00	19.6	14.8	
	0.01	0.05	0.18	0.47	1.10	2.37	4.32	6.15	6.97	6.49	5.01	3.17	1.75	0.87	0.39	0.14	0.04	0.00	39.5	36.5	
	0.01	0.06	0.22	0.63	1.61	3.87	7.70	11.2	12.1	11.0	8.56	5.53	2.97	1.31	0.52	0.18	0.04	0.00	67.5	65.3	
	0.01	0.07	0.26	0.76	2.11	5.33	10.5	15.0	15.5	13.8	11.2	8.17	4.42	1.78	0.64	0.21	0.05	0.00	89.7	87.8	
	0.01	0.07	0.28	0.83	2.39	6.07	11.2	14.9	16.0	15.0	13.2	10.1	5.55	2.15	0.72	0.22	0.05	0.00	98.7	96.8	
	0.01	0.07	0.27	0.82	2.34	5.85	10.4	13.2	14.7	15.5	14.3	10.8	5.85	2.23	0.73	0.22	0.05	0.00	97.3	95.4	
	0.01	0.07	0.25	0.73	2.00	4.86	8.62	11.0	13.2	14.5	14.0	10.0	5.15	1.97	0.66	0.20	0.04	0.00	87.3	85.4	
	0.01	0.06	0.21	0.58	1.49	3.45	6.28	8.96	10.9	11.7	10.8	7.49	3.72	1.49	0.54	0.17	0.04	0.00	67.8	65.6	
	0.01	0.05	0.16	0.42	0.98	2.08	3.78	5.66	6.97	7.24	6.22	4.24	2.24	0.98	0.39	0.13	0.03	0.00	41.6	38.8	
	0.01	0.04	0.12	0.28	0.57	1.09	1.86	2.68	3.25	3.31	2.81	1.98	1.16	0.58	0.26	0.09	0.02	0.00	20.1	15.7	
	0.01	0.03	0.08	0.16	0.30	0.51	0.81	1.10	1.28	1.30	1.13	0.84	0.54	0.31	0.15	0.06	0.02	0.00	8.62	0.84	
	0.01	0.02	0.05	0.09	0.14	0.22	0.32	0.42	0.48	0.48	0.43	0.33	0.23	0.14	0.08	0.03	0.01	0.00	3.47	0.00	
	0.01	0.02	0.03	0.04	0.05	0.07	0.10	0.13	0.14	0.14	0.13	0.11	0.08	0.05	0.03	0.02	0.01	0.00	1.16	0.00	
	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.01	0.01	0.01	0.00	0.34	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)				20	30	40	50	60	70	80	90	
F t	0.17	0.81	2.51	6.61	16.5	38.3	69.7	95.3	107	106	92.0	65.9	35.7	15.1	5.76	1.97	0.49	0.06	659	---	
F a	0.00	0.00	0.00	0.66	12.1	34.5	66.1	91.8	103	102	88.4	62.2	31.8	10.4	0.24	0.00	0.00	0.00	---	604	

one-half-peak spread: U:36.3,D:29.9 , L:33.2,R:34.7

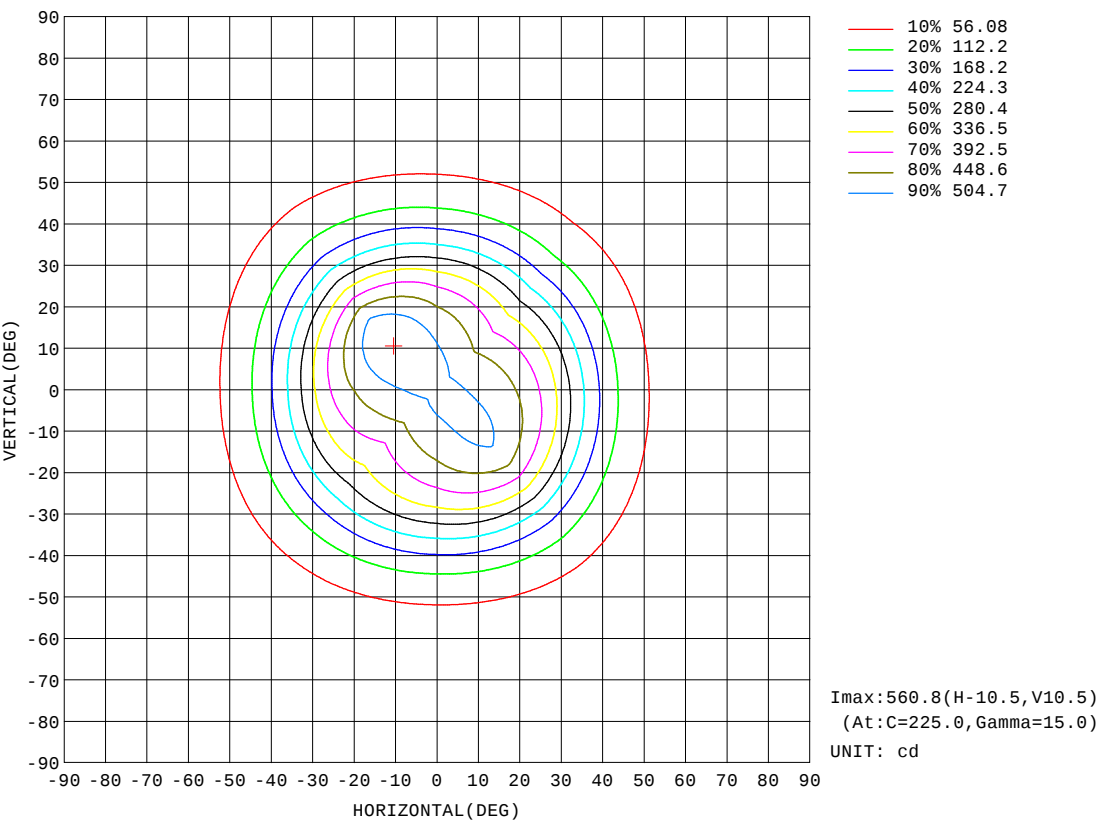
NEMA Beam Type: Type 6

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-65D-Rev2	TYPE:6000K	WEIGHT:
SPEC.:65 DEG	DIM.:609MM	SERIAL No.:IES002998
MFR.:	SUR.:1	Shielding Angle:

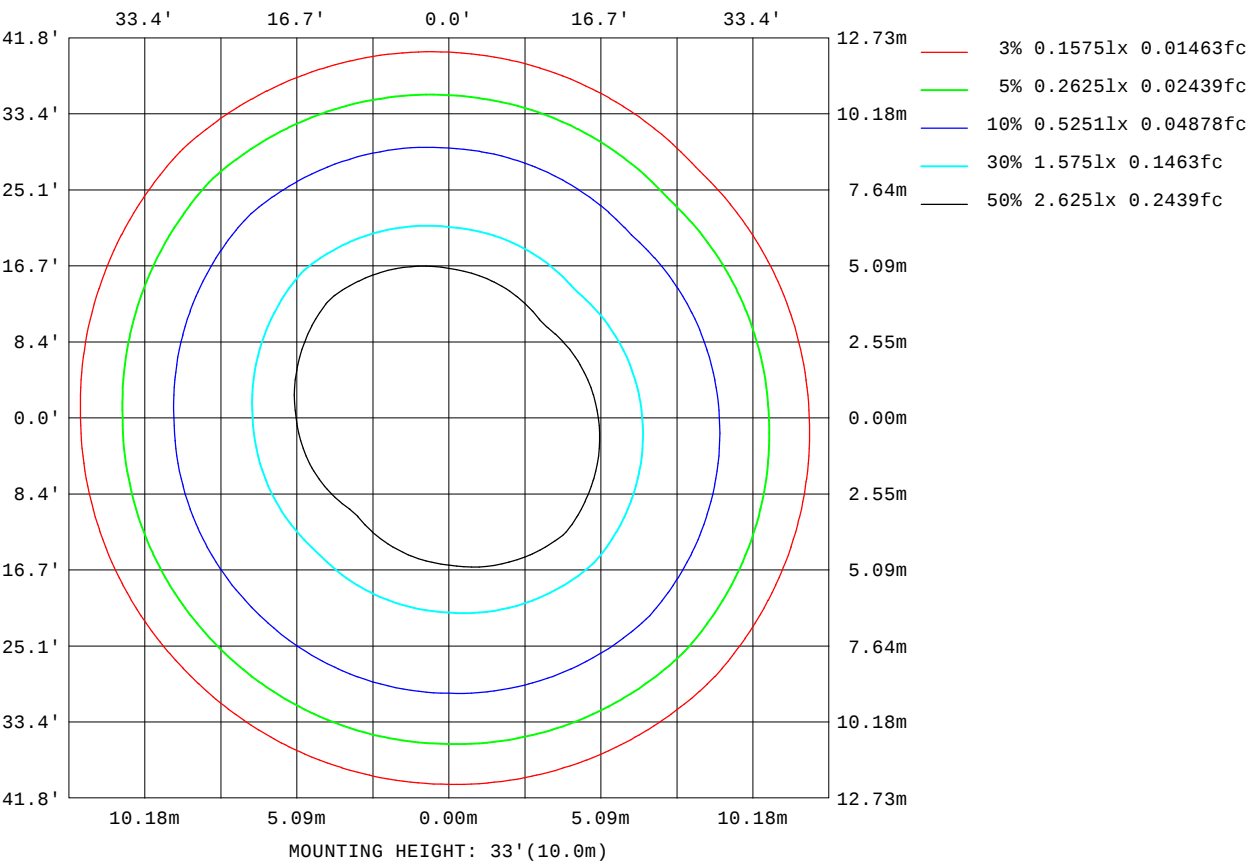


H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:
Test Date:2024-09-29

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

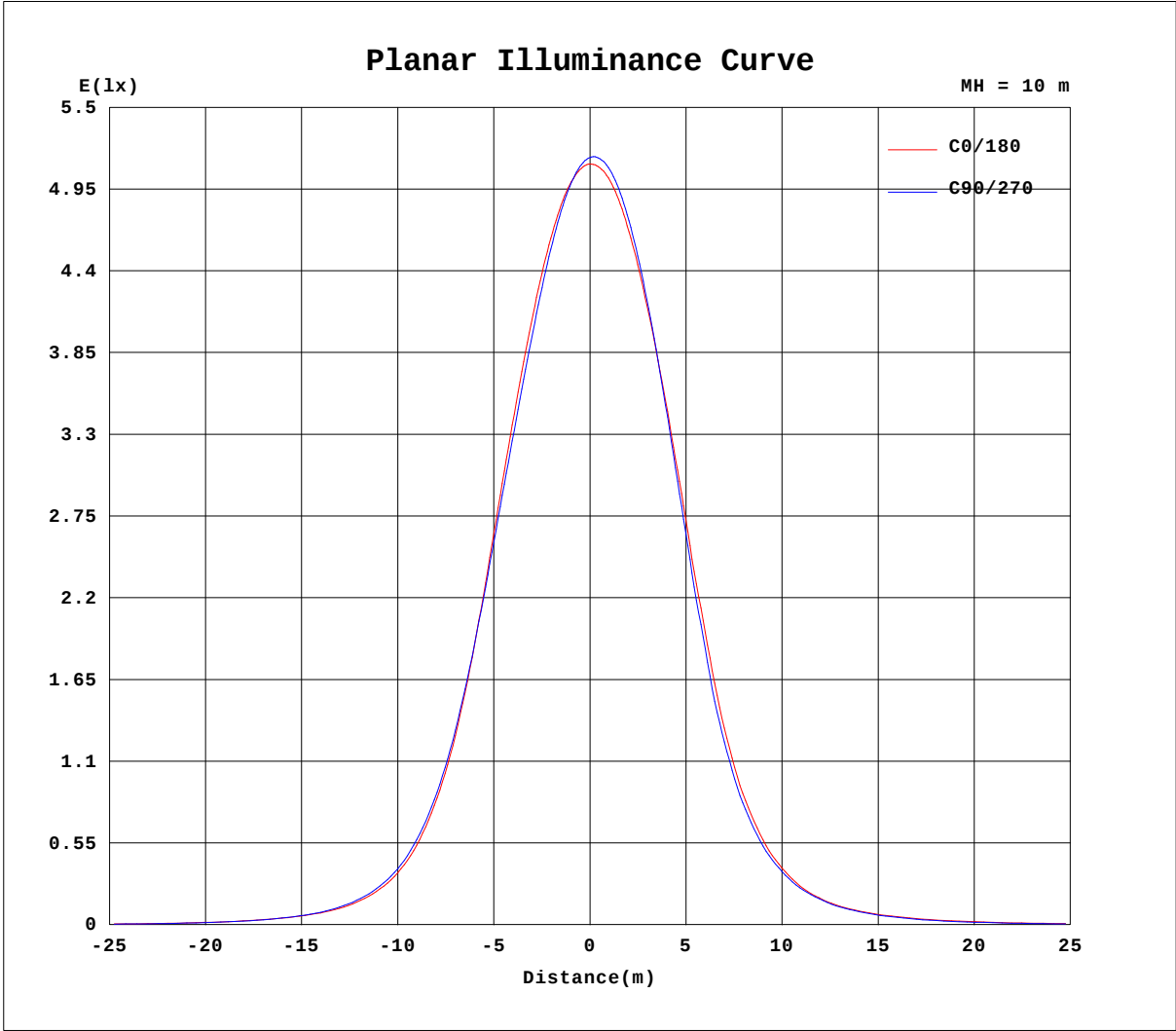
NAME:Blazeline-609mm-TW-6000K-65D-Rev2	TYPE:6000K	WEIGHT:
SPEC.:65 DEG	DIM.:609MM	SERIAL No.:IES002998
MFR.:	SUR.:1	Shielding Angle:



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

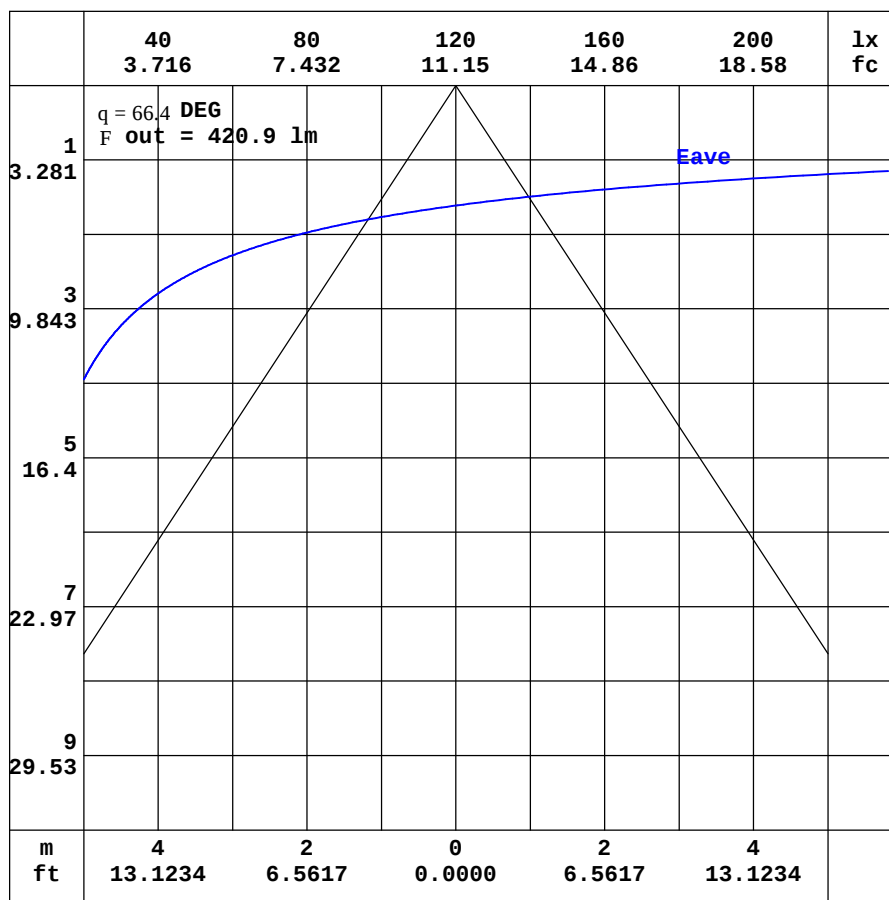


H_(b) Range: -90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators:
Test Date: 2024-09-29

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-65D-Rev2	TYPE:6000K	WEIGHT:
SPEC.:65 DEG	DIM.:609MM	SERIAL No.:IES002998
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-65D-Rev2	TYPE:6000K	WEIGHT:
SPEC.:65 DEG	DIM.:609MM	SERIAL No.:IES002998
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	3.02	2.81	2.74	2.76	2.87	3.04	3.26	3.50	3.76	4.04	4.31	4.57	4.79	4.97	5.09	5.12	5.11	5.06	5.02
-170	3.02	2.77	2.66	2.64	2.70	2.81	2.96	3.13	3.31	3.48	3.66	3.82	3.94	3.99	4.02	3.97	3.87	4.11	4.25
-160	3.02	2.74	2.59	2.52	2.52	2.57	2.63	2.72	2.81	2.89	2.96	3.01	3.04	3.01	2.88	3.04	3.26	3.39	3.45
-150	3.02	2.71	2.52	2.41	2.35	2.32	2.32	2.32	2.32	2.30	2.27	2.23	2.15	2.15	2.35	2.51	2.64	2.71	2.75
-140	3.02	2.69	2.45	2.31	2.19	2.10	2.02	1.95	1.88	1.78	1.67	1.54	1.55	1.70	1.83	1.95	2.04	2.10	2.14
-130	3.02	2.68	2.42	2.23	2.06	1.92	1.78	1.65	1.51	1.36	1.20	1.15	1.23	1.31	1.38	1.45	1.51	1.55	1.58
-120	3.02	2.68	2.40	2.16	1.97	1.78	1.60	1.43	1.25	1.06	0.91	0.94	0.97	1.00	1.03	1.06	1.09	1.10	1.10
-110	3.02	2.69	2.41	2.15	1.91	1.69	1.48	1.28	1.08	0.87	0.81	0.81	0.82	0.83	0.83	0.84	0.85	0.84	0.84
-100	3.02	2.72	2.43	2.17	1.91	1.66	1.43	1.19	0.97	0.75	0.72	0.72	0.72	0.72	0.72	0.71	0.71	0.70	0.69
-90	3.02	2.76	2.50	2.23	1.97	1.70	1.44	1.18	0.91	0.65	0.65	0.64	0.64	0.64	0.63	0.63	0.63	0.63	0.62
-80	3.02	2.80	2.59	2.37	2.15	1.96	1.75	1.52	1.27	1.02	1.10	1.22	1.35	1.47	1.60	1.70	1.79	1.84	1.87
-70	3.02	2.87	2.73	2.74	2.75	2.81	3.02	3.36	3.66	3.92	4.44	5.20	5.96	6.68	7.34	7.92	8.38	8.69	8.84
-60	3.02	2.93	3.06	3.32	3.90	4.80	5.79	6.86	8.11	9.47	11.0	13.3	15.7	18.0	20.3	22.4	24.0	25.2	25.7
-50	3.02	3.03	3.45	4.24	5.64	7.33	9.49	12.1	15.2	18.9	23.2	29.3	36.5	43.8	50.9	57.5	62.7	66.2	67.5
-40	3.02	3.15	3.85	5.41	7.57	10.5	14.2	19.1	25.5	34.4	45.7	59.7	77.0	96.3	116	135	150	161	166
-30	3.02	3.30	4.32	6.50	9.53	13.7	19.6	27.7	39.1	54.8	77.4	108	143	181	220	254	283	304	314
-20	3.02	3.43	4.78	7.55	11.4	17.0	25.1	36.6	52.9	78.4	117	166	222	275	312	345	377	405	427
-10	3.02	3.53	5.16	8.30	12.8	19.4	29.2	43.0	63.9	99.8	151	217	291	352	390	411	425	464	490
0	3.02	3.61	5.39	8.73	13.6	20.7	31.3	46.1	68.7	108	165	241	328	401	450	481	501	510	512
10	3.02	3.59	5.27	8.48	13.1	19.9	30.0	44.2	65.9	103	157	231	322	409	481	531	561	534	508
20	3.02	3.54	5.00	7.90	12.0	17.9	26.5	38.8	56.2	83.6	126	183	256	340	423	470	483	473	449
30	3.02	3.45	4.65	6.99	10.3	14.9	21.4	30.4	43.0	60.5	85.9	121	165	215	257	291	314	321	311
40	3.02	3.35	4.27	6.00	8.48	11.8	16.1	21.9	29.5	39.7	52.7	69.6	88.3	107	126	141	152	156	153
50	3.02	3.25	3.95	4.97	6.63	8.73	11.4	14.6	18.6	23.4	29.1	36.1	43.1	50.1	56.4	61.6	65.4	67.1	66.6
60	3.02	3.18	3.60	4.17	5.00	6.16	7.58	9.14	10.9	13.0	15.2	17.7	20.2	22.6	24.7	26.4	27.6	28.3	28.3
70	3.02	3.13	3.28	3.62	3.97	4.34	4.80	5.39	6.08	6.77	7.54	8.34	9.10	9.79	10.4	11.0	11.4	11.6	11.6
80	3.02	3.08	3.14	3.21	3.31	3.46	3.60	3.73	3.82	3.90	3.99	4.08	4.16	4.25	4.32	4.39	4.44	4.46	4.47
90	3.02	3.03	3.04	3.05	3.06	3.07	3.08	3.08	3.09	3.10	3.09	3.08	3.06	3.05	3.04	3.03	3.01	3.00	2.99
100	3.02	2.98	2.95	2.92	2.89	2.87	2.86	2.84	2.83	2.82	2.80	2.78	2.76	2.75	2.73	2.72	2.71	2.70	2.69
110	3.02	2.94	2.88	2.83	2.79	2.77	2.76	2.76	2.76	2.77	2.76	2.76	2.76	2.78	2.79	2.79	2.80	2.81	2.80
120	3.02	2.90	2.82	2.76	2.76	2.75	2.76	2.78	2.81	2.86	2.92	2.98	3.03	3.08	3.13	3.17	3.19	3.21	3.22
130	3.02	2.87	2.78	2.75	2.75	2.77	2.82	2.90	3.00	3.11	3.21	3.33	3.45	3.54	3.63	3.70	3.76	3.80	3.82
140	3.02	2.85	2.75	2.75	2.76	2.82	2.93	3.07	3.22	3.39	3.56	3.71	3.85	3.99	4.11	4.22	4.30	4.36	4.39
150	3.02	2.83	2.75	2.75	2.79	2.90	3.06	3.24	3.45	3.65	3.85	4.04	4.21	4.37	4.53	4.65	4.73	4.81	4.87
160	3.02	2.82	2.74	2.75	2.83	2.97	3.16	3.38	3.62	3.85	4.09	4.31	4.51	4.65	4.75	4.89	5.00	5.08	5.15
170	3.02	2.81	2.74	2.76	2.86	3.03	3.23	3.47	3.73	3.99	4.25	4.49	4.69	4.85	4.98	5.05	5.06	5.13	5.18
180	3.02	2.81	2.74	2.76	2.87	3.04	3.26	3.50	3.76	4.04	4.31	4.57	4.79	4.97	5.09	5.12	5.11	5.06	5.03

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-65D-Rev2	TYPE:6000K	WEIGHT:
SPEC.:65 DEG	DIM.:609MM	SERIAL No.:IES002998
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	4.59	4.23	3.84	3.46	3.10	2.73	2.39	2.06	1.74	1.49	1.28	1.10	0.95	0.84	0.76	0.70	0.64	0.63	
-170	4.12	3.85	3.56	3.28	2.98	2.66	2.34	2.03	1.73	1.49	1.29	1.10	0.95	0.84	0.76	0.70	0.64	0.63	
-160	3.39	3.27	3.12	2.93	2.69	2.42	2.16	1.88	1.65	1.43	1.24	1.06	0.93	0.83	0.75	0.70	0.64	0.63	
-150	2.74	2.68	2.58	2.45	2.30	2.11	1.90	1.69	1.49	1.31	1.15	1.01	0.89	0.81	0.74	0.70	0.64	0.63	
-140	2.13	2.10	2.04	1.96	1.86	1.74	1.60	1.45	1.30	1.16	1.04	0.93	0.85	0.78	0.72	0.68	0.63	0.63	
-130	1.58	1.57	1.54	1.49	1.43	1.37	1.29	1.20	1.10	1.00	0.92	0.85	0.79	0.75	0.71	0.66	0.63	0.63	
-120	1.12	1.12	1.11	1.10	1.07	1.05	1.01	0.97	0.92	0.87	0.82	0.78	0.75	0.72	0.69	0.65	0.63	0.63	
-110	0.85	0.85	0.85	0.85	0.84	0.83	0.82	0.81	0.80	0.77	0.75	0.73	0.71	0.68	0.65	0.64	0.63	0.63	
-100	0.70	0.71	0.71	0.71	0.72	0.72	0.72	0.72	0.72	0.71	0.69	0.67	0.66	0.65	0.64	0.64	0.63	0.63	
-90	0.63	0.63	0.63	0.64	0.64	0.64	0.65	0.65	0.65	0.65	0.65	0.64	0.64	0.64	0.64	0.63	0.63	0.63	
-80	1.86	1.83	1.76	1.67	1.57	1.45	1.33	1.21	1.10	1.04	0.98	0.94	0.88	0.81	0.72	0.66	0.64	0.63	
-70	8.75	8.49	8.07	7.53	6.89	6.19	5.43	4.66	3.97	3.36	2.74	2.17	1.67	1.29	1.04	0.82	0.65	0.63	
-60	25.4	24.5	23.1	21.1	18.9	16.5	14.1	11.7	9.60	7.70	6.02	4.56	3.42	2.36	1.52	1.06	0.70	0.63	
-50	67.0	64.2	59.3	52.9	45.7	38.2	31.1	24.7	19.2	14.8	11.0	8.00	5.55	3.79	2.35	1.33	0.81	0.63	
-40	165	158	144	125	105	83.8	63.9	46.9	34.3	24.9	17.8	12.3	8.32	5.27	3.26	1.66	0.90	0.63	
-30	320	313	292	254	210	161	116	80.4	54.8	37.3	25.7	17.3	11.2	6.96	4.07	2.07	0.98	0.63	
-20	445	451	440	401	328	249	177	119	77.9	50.4	33.1	21.9	13.9	8.41	4.73	2.41	1.05	0.63	
-10	507	521	496	454	391	309	223	150	95.4	60.1	38.4	25.2	15.8	9.44	5.19	2.64	1.10	0.63	
0	508	496	475	440	388	315	232	157	99.4	62.6	40.0	26.4	16.6	9.87	5.39	2.74	1.12	0.63	
10	479	438	418	388	339	273	201	138	89.3	57.6	37.6	25.1	15.9	9.60	5.33	2.73	1.15	0.63	
20	423	388	343	296	251	198	146	102	69.5	47.0	32.2	21.9	14.2	8.75	5.00	2.59	1.15	0.63	
30	295	267	231	192	152	118	90.5	66.9	48.6	35.1	25.3	17.6	11.8	7.47	4.45	2.35	1.13	0.63	
40	146	134	117	99.8	81.9	65.2	51.7	40.9	31.8	24.4	18.2	13.1	9.09	5.94	3.75	2.03	1.08	0.63	
50	64.1	59.8	54.1	47.9	41.4	34.9	29.1	24.0	19.7	15.7	12.2	9.12	6.55	4.57	2.97	1.78	1.02	0.63	
60	27.6	26.3	24.7	22.7	20.4	18.0	15.6	13.4	11.3	9.38	7.57	5.93	4.51	3.29	2.28	1.56	0.94	0.63	
70	11.4	11.1	10.6	9.96	9.24	8.52	7.76	6.99	6.17	5.28	4.42	3.68	3.01	2.40	1.86	1.35	0.90	0.63	
80	4.44	4.38	4.31	4.22	4.12	4.02	3.91	3.81	3.69	3.36	3.01	2.66	2.28	1.90	1.51	1.18	0.90	0.63	
90	2.99	2.99	2.99	3.00	3.00	3.00	3.00	3.00	3.01	2.74	2.48	2.21	1.95	1.68	1.42	1.16	0.89	0.63	
100	2.69	2.70	2.70	2.71	2.71	2.72	2.73	2.74	2.74	2.74	2.52	2.29	2.07	1.84	1.61	1.37	1.13	0.88	0.63
110	2.80	2.79	2.77	2.75	2.73	2.72	2.71	2.70	2.63	2.41	2.19	1.98	1.76	1.54	1.32	1.10	0.87	0.63	
120	3.20	3.17	3.13	3.08	3.02	2.96	2.90	2.84	2.61	2.35	2.12	1.90	1.69	1.49	1.27	1.06	0.84	0.63	
130	3.80	3.75	3.69	3.61	3.51	3.39	3.26	3.01	2.68	2.36	2.08	1.84	1.61	1.41	1.22	1.01	0.82	0.63	
140	4.38	4.35	4.27	4.17	4.04	3.87	3.57	3.14	2.74	2.37	2.05	1.77	1.53	1.33	1.15	0.97	0.79	0.63	
150	4.87	4.84	4.76	4.66	4.52	4.12	3.62	3.14	2.71	2.32	1.98	1.68	1.43	1.23	1.07	0.92	0.76	0.63	
160	5.14	5.12	5.09	4.94	4.44	3.93	3.45	2.96	2.54	2.16	1.83	1.54	1.30	1.12	0.97	0.85	0.72	0.63	
170	5.19	5.18	4.77	4.33	3.91	3.47	3.03	2.61	2.21	1.88	1.60	1.35	1.14	0.99	0.87	0.78	0.68	0.63	
180	4.59	4.23	3.84	3.46	3.10	2.73	2.39	2.06	1.74	1.49	1.28	1.10	0.95	0.84	0.76	0.70	0.64	0.63	

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: