

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

Maximum Intensity	1659.4 cd per klm.
(Luminaire orientation as tested.)	0.0 degrees vertical
	0.0 degrees horizontal

Beam Spread	At 10% of Imax	62.7V x 95.5H
	At 50% of Imax	28.6V x 52.0H
	At 90% of Imax	10.2V x 20.9H

Beam Flux	Total	999.9 lumens per klm.
	To 10% of Imax	830.5 lumens per klm.
	To 50% of Imax	416.1 lumens per klm.
	To 90% of Imax	75.5 lumens per klm.

Upward LOR	2.3 %
Downward LOR	97.7 %

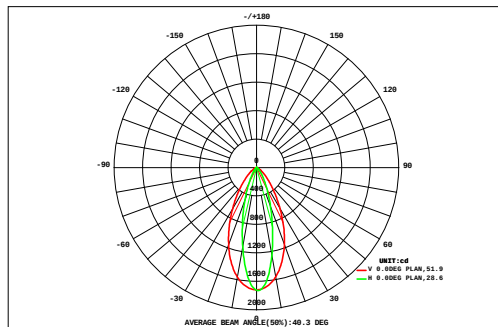
Luminaire Efficiency(Light Output Ratio)	100.0 %
--	---------

H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-09-06

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 Slim-600mm-RGBW DS-ALL-3050D-Rev1	TYPE:RGBW-DS W=3000K	WEIGHT:
SPEC.:30x50 DEG	DIM.:600MM	SERIAL No.:IES001654
MFR.:	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:42.56lm/W	
MODEL		Imax(cd)	1729
NOMINAL POWER(W)	24.48	AVAILABILITY(%)	82.9
RATED VOLTAGE(V)	24	Avai. FLUX(lm)	864.0
NOMINAL FLUX(lm)	1042	LOR(%)	100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)	1042
TEST VOLTAGE(V)	24	q @50%(H,V)	52, 29DEG

72 64 56 48 40 32 24 <

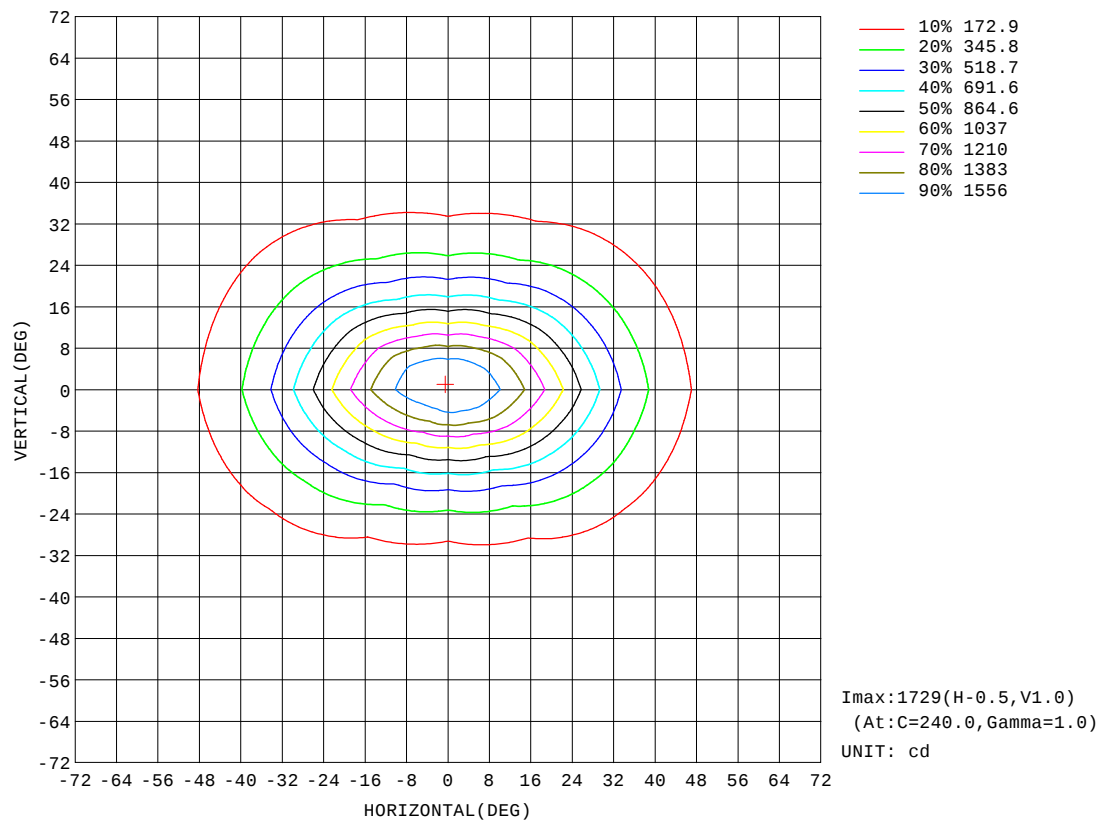
one-half-peak spread: U:14.6,D:14.2 , L:26.3,NEZ:0.0 Beam Type: Type 5 x 4 (H x V)

H_(b) Range: -90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators: Fan
Test Date: 2023-09-06

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 Slim-600mm-RGBW DS-ALL-3050D-Rev1	TYPE:RGBW-DS W=3000K	WEIGHT:
SPEC.:30x50 DEG	DIM.:600MM	SERIAL No.:IES001654
MFR.:	SUR.:	Shielding Angle:

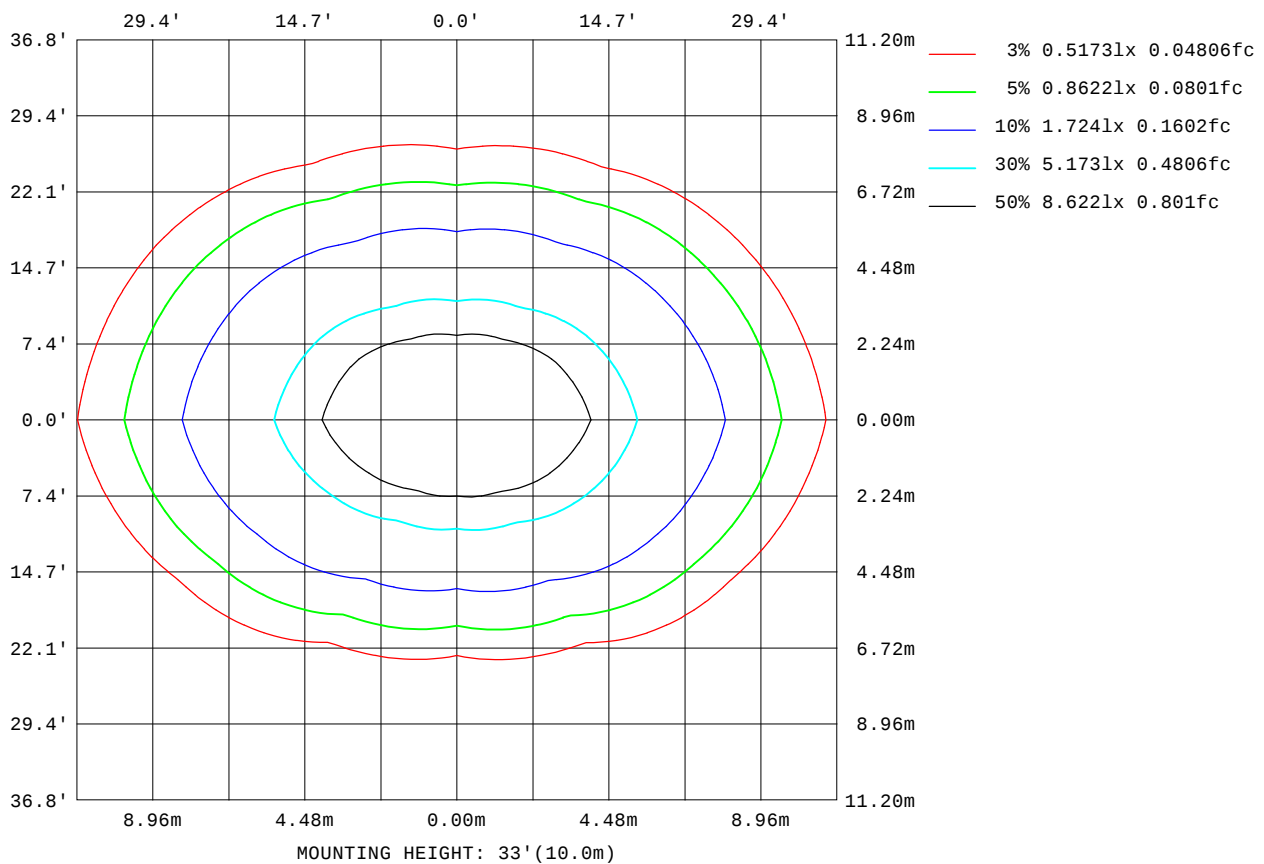


H_(b) Range:-90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-09-06

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

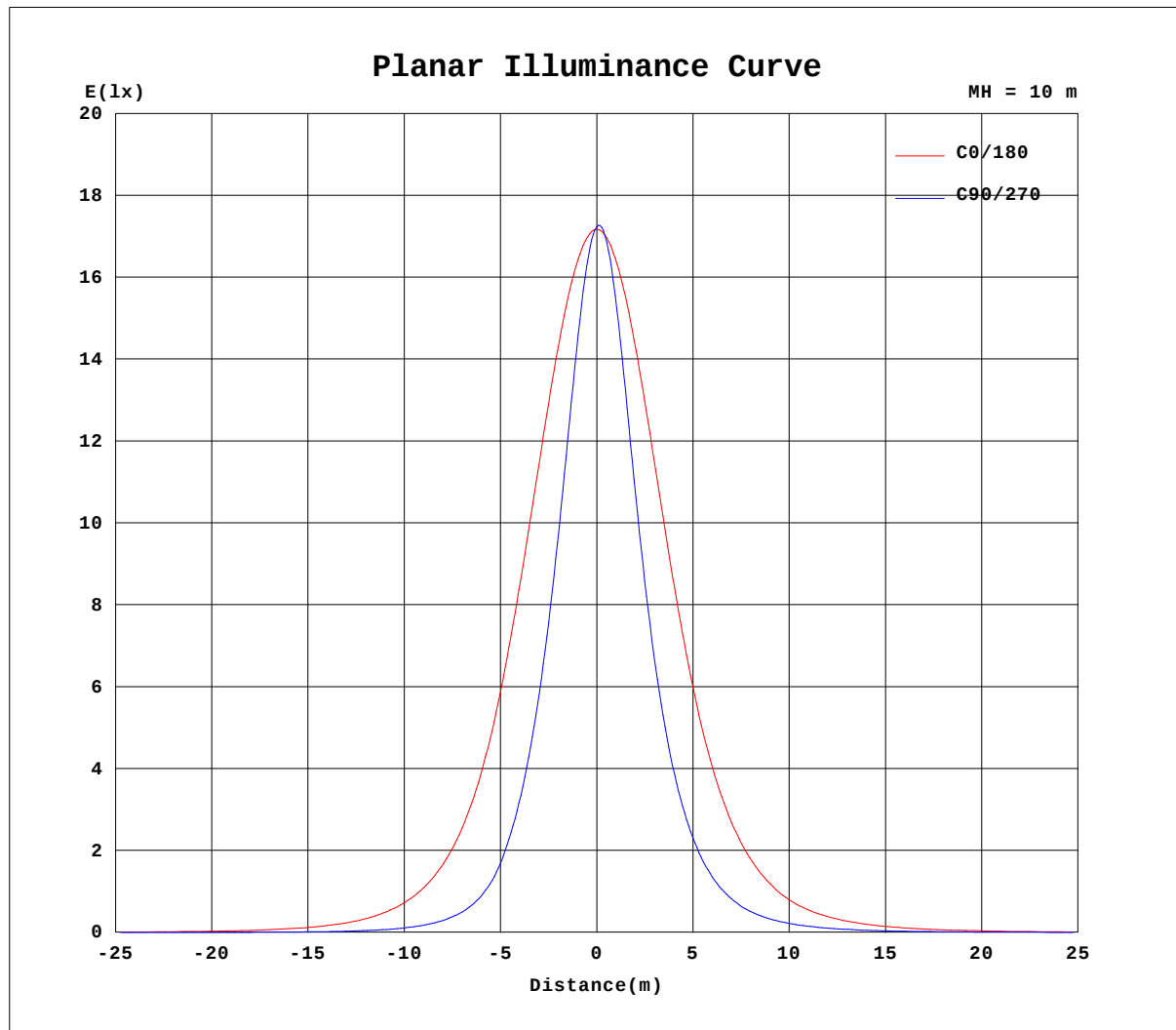
NAME:BlazeLine Slim-600mm-RGBW DS-ALL-3050D-Rev1	TYPE:RGBW-DS W=3000K	WEIGHT:
SPEC.:30x50 DEG	DIM.:600MM	SERIAL No.:IES001654
MFR.:	SUR.:	Shielding Angle:



H_(b) Range: -90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators: Fan
Test Date: 2023-09-06

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

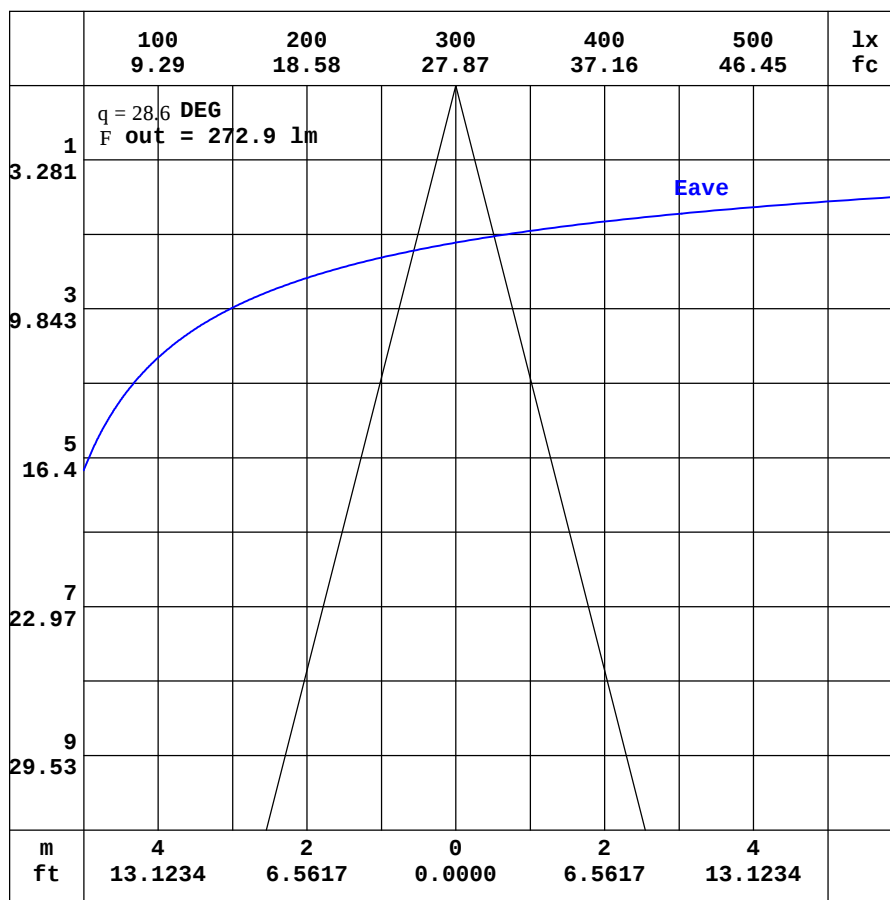


H_(b) Range: -90 - 90DEG
H_(b) Interval: 0.5DEG
Test Speed: LOW
Temperature: 25.3DEG
Operators: Fan
Test Date: 2023-09-06

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 Slim-600mm-RGBW DS-ALL-3050D-Rev1	TYPE:RGBW-DS W=3000K	WEIGHT:
SPEC.:30x50 DEG	DIM.:600MM	SERIAL No.:IES001654
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: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-09-06

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 Slim-600mm-RGBW DS-ALL-3050D-Rev1	TYPE:RGBW-DS W=3000K	WEIGHT:
SPEC.:30x50 DEG	DIM.:600MM	SERIAL No.:IES001654
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	4.63	4.24	4.02	4.00	4.11	4.39	4.79	5.29	5.82	6.36	6.87	7.27	7.59	7.77	7.77	7.72	7.63	7.51	7.47
-170	4.63	4.16	3.87	3.77	3.80	3.94	4.17	4.48	4.82	5.13	5.41	5.62	5.65	5.66	5.55	5.58	6.04	6.42	6.85
-160	4.63	4.09	3.73	3.55	3.47	3.48	3.54	3.61	3.77	3.85	3.89	3.90	3.87	4.21	4.67	5.16	5.52	5.86	6.11
-150	4.63	4.04	3.61	3.35	3.17	3.05	2.94	2.83	2.72	2.67	2.55	2.79	3.08	3.38	3.68	3.99	4.29	4.49	4.59
-140	4.63	3.99	3.51	3.16	2.91	2.67	2.45	2.20	1.91	1.84	2.02	2.10	2.21	2.33	2.44	2.64	2.79	2.89	2.92
-130	4.63	3.97	3.45	3.02	2.68	2.38	2.07	1.75	1.61	1.62	1.60	1.57	1.56	1.55	1.59	1.64	1.68	1.68	1.66
-120	4.63	3.97	3.42	2.92	2.51	2.14	1.78	1.53	1.53	1.53	1.51	1.47	1.43	1.38	1.36	1.33	1.31	1.29	1.26
-110	4.63	3.99	3.41	2.89	2.41	1.96	1.56	1.45	1.47	1.48	1.48	1.47	1.46	1.45	1.43	1.41	1.39	1.37	1.35
-100	4.63	4.02	3.45	2.90	2.39	1.90	1.42	1.39	1.40	1.41	1.42	1.42	1.44	1.44	1.44	1.44	1.44	1.44	1.44
-90	4.63	4.08	3.52	2.97	2.42	1.86	1.31	1.30	1.29	1.28	1.27	1.26	1.25	1.24	1.24	1.23	1.23	1.23	1.22
-80	4.63	4.16	3.65	3.13	2.58	1.98	1.33	1.30	1.32	1.34	1.35	1.32	1.28	1.27	1.26	1.24	1.22	1.19	1.15
-70	4.63	4.26	3.89	3.51	3.14	2.77	2.33	2.39	2.70	2.93	3.06	3.08	2.91	2.90	2.97	2.99	2.95	2.84	2.68
-60	4.63	4.39	4.25	4.27	4.47	4.75	4.97	5.43	6.84	7.92	8.54	8.67	8.17	7.60	7.93	8.02	7.82	7.36	6.69
-50	4.63	4.56	4.77	5.46	6.63	8.18	10.3	12.4	14.9	17.8	20.1	21.6	21.7	20.2	20.7	21.5	21.5	20.6	18.8
-40	4.63	4.76	5.43	7.04	9.63	13.5	18.4	23.9	29.1	35.5	43.0	49.7	54.4	55.4	51.9	56.7	59.1	58.4	54.2
-30	4.63	4.95	6.15	8.84	13.3	20.1	29.7	40.5	53.2	67.8	84.3	106	127	143	149	150	166	170	159
-20	4.63	5.15	6.88	10.7	17.2	27.7	42.3	61.0	85.8	118	159	209	266	331	389	428	451	492	486
-10	4.63	5.33	7.53	12.3	20.6	35.2	54.8	82.3	122	177	257	358	484	626	771	909	1021	1085	1130
0	4.63	5.47	8.00	13.5	23.0	40.4	64.1	98.9	150	226	340	490	683	911	1153	1380	1562	1678	1717
10	4.63	5.44	7.83	12.9	21.7	37.2	58.2	87.8	130	191	278	389	528	693	874	1050	1173	1243	1247
20	4.63	5.38	7.44	11.9	19.1	31.4	48.3	70.6	101	140	193	259	333	411	484	535	565	598	577
30	4.63	5.28	6.95	10.4	15.9	24.6	37.2	52.0	70.5	93.1	119	149	178	203	219	226	246	250	236
40	4.63	5.17	6.40	8.83	12.6	18.1	26.0	35.5	45.7	56.8	68.2	79.0	87.7	93.3	93.6	101	104	103	96.1
50	4.63	5.04	5.88	7.38	9.69	12.8	16.8	22.2	27.5	32.4	36.8	40.4	42.6	42.9	44.5	46.0	46.1	44.7	41.8
60	4.63	4.91	5.43	6.22	7.42	8.94	10.8	12.8	15.0	17.2	19.1	20.1	20.4	20.5	21.1	21.3	20.9	20.0	18.7
70	4.63	4.81	5.08	5.44	5.89	6.43	7.14	7.81	8.47	9.08	9.58	9.91	10.0	10.3	10.5	10.5	10.4	10.1	9.77
80	4.63	4.72	4.81	4.93	5.08	5.22	5.35	5.43	5.51	5.57	5.62	5.65	5.65	5.70	5.73	5.74	5.73	5.69	5.63
90	4.63	4.63	4.62	4.61	4.61	4.60	4.60	4.53	4.45	4.38	4.31	4.24	4.17	4.13	4.10	4.06	4.03	4.00	3.96
100	4.63	4.55	4.47	4.40	4.33	4.27	4.21	4.09	3.97	3.86	3.76	3.65	3.55	3.50	3.47	3.43	3.40	3.37	3.34
110	4.63	4.47	4.33	4.22	4.11	4.02	3.96	3.85	3.74	3.64	3.54	3.46	3.39	3.35	3.31	3.28	3.24	3.20	3.16
120	4.63	4.41	4.23	4.08	3.98	3.91	3.85	3.79	3.73	3.71	3.70	3.69	3.68	3.68	3.70	3.72	3.73	3.71	3.67
130	4.63	4.35	4.15	4.00	3.93	3.88	3.87	3.95	4.02	4.11	4.25	4.38	4.52	4.64	4.82	4.98	5.10	5.17	5.18
140	4.63	4.31	4.08	3.96	3.92	3.93	4.05	4.22	4.52	4.80	5.08	5.39	5.72	6.04	6.34	6.62	6.86	7.01	7.09
150	4.63	4.28	4.04	3.96	3.95	4.07	4.28	4.61	5.02	5.46	5.93	6.37	6.80	7.19	7.53	7.83	8.06	8.22	8.33
160	4.63	4.26	4.02	3.96	4.01	4.20	4.52	4.95	5.44	5.97	6.50	7.01	7.44	7.65	7.96	8.20	8.35	8.54	8.75
170	4.63	4.24	4.01	3.98	4.07	4.32	4.70	5.18	5.71	6.27	6.81	7.27	7.54	7.76	7.83	7.87	7.90	7.97	8.29
180	4.63	4.24	4.02	4.00	4.11	4.39	4.79	5.29	5.82	6.36	6.87	7.27	7.59	7.77	7.77	7.72	7.63	7.51	7.51

H_(b) Range: -90 - 90DEG
 H_(b) Interval: 0.5DEG
 Test Speed: LOW
 Temperature: 25.3DEG
 Operators: Fan
 Test Date: 2023-09-06

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 Slim-600mm-RGBW DS-ALL-3050D-Rev1	TYPE:RGBW-DS W=3000K	WEIGHT:
SPEC.:30x50 DEG	DIM.:600MM	SERIAL No.:IES001654
MFR.:	SUR.:	Shielding Angle:

Table--2
UNIT: cd

H(DEC) V(DEC)	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	
-180	6.79	6.27	5.80	5.33	4.82	4.30	3.78	3.28	2.83	2.46	2.14	1.89	1.71	1.57	1.46	1.36	1.23	1.12	
-170	6.62	6.34	6.30	5.83	5.19	4.62	4.08	3.50	2.93	2.46	2.12	1.87	1.70	1.57	1.46	1.36	1.23	1.12	
-160	6.07	5.93	5.64	5.25	4.90	4.62	4.06	3.41	2.77	2.33	2.02	1.81	1.67	1.56	1.45	1.35	1.22	1.12	
-150	4.61	4.52	4.31	4.09	3.87	3.61	3.28	2.85	2.43	2.10	1.88	1.73	1.62	1.52	1.43	1.33	1.21	1.12	
-140	2.96	2.92	2.82	2.66	2.58	2.44	2.29	2.14	1.99	1.86	1.74	1.65	1.57	1.49	1.41	1.31	1.20	1.12	
-130	1.72	1.75	1.76	1.74	1.72	1.71	1.70	1.69	1.69	1.68	1.64	1.58	1.52	1.45	1.37	1.29	1.19	1.12	
-120	1.30	1.33	1.36	1.39	1.42	1.47	1.51	1.53	1.55	1.55	1.55	1.50	1.45	1.39	1.32	1.25	1.17	1.12	
-110	1.37	1.38	1.40	1.41	1.42	1.44	1.45	1.47	1.47	1.46	1.44	1.41	1.37	1.32	1.27	1.21	1.15	1.12	
-100	1.43	1.42	1.41	1.40	1.38	1.36	1.36	1.36	1.34	1.33	1.32	1.30	1.27	1.24	1.20	1.17	1.14	1.12	
-90	1.20	1.19	1.17	1.15	1.13	1.12	1.13	1.14	1.15	1.16	1.17	1.18	1.17	1.16	1.15	1.14	1.13	1.12	
-80	1.16	1.16	1.16	1.15	1.14	1.13	1.15	1.16	1.16	1.15	1.14	1.13	1.16	1.16	1.15	1.13	1.13	1.12	
-70	2.82	2.91	2.93	2.88	2.77	2.75	2.91	2.90	2.77	2.52	2.21	1.91	1.63	1.43	1.28	1.19	1.13	1.12	
-60	7.41	7.90	8.12	8.04	7.70	7.99	8.18	7.87	7.21	6.28	5.17	4.27	3.34	2.41	1.70	1.32	1.16	1.12	
-50	20.7	21.6	21.7	20.9	20.2	20.9	20.1	18.3	16.0	13.3	10.8	8.61	6.30	4.24	2.53	1.56	1.20	1.12	
-40	58.3	59.1	56.6	51.7	54.1	51.9	46.4	39.2	31.7	25.4	20.1	15.1	10.6	6.74	3.83	1.92	1.24	1.12	
-30	172	169	153	150	142	124	101	78.1	60.6	45.8	33.7	23.8	15.9	9.75	5.22	2.31	1.30	1.12	
-20	500	463	441	399	337	267	202	149	107	74.3	50.9	33.9	21.7	12.8	6.60	2.76	1.34	1.12	
-10	1110	1054	942	790	631	476	343	239	162	106	68.7	43.8	26.9	15.5	7.75	3.14	1.38	1.12	
0	1676	1559	1376	1148	900	661	463	313	206	131	82.1	51.0	30.5	17.1	8.44	3.33	1.39	1.12	
10	1240	1159	1029	853	670	502	362	252	171	113	73.1	46.5	28.6	16.5	8.32	3.42	1.49	1.12	
20	596	559	524	466	388	307	235	173	124	85.8	58.5	38.9	24.8	14.7	7.65	3.30	1.56	1.12	
30	249	242	221	209	190	163	133	105	80.2	59.7	43.1	30.1	20.0	12.3	6.67	3.08	1.61	1.12	
40	101	102	98.0	90.0	87.0	80.1	70.6	59.7	49.0	39.0	29.8	21.8	15.1	9.59	5.56	2.86	1.64	1.12	
50	44.2	45.3	44.8	43.2	41.1	39.6	36.6	32.7	28.5	24.1	19.6	14.9	10.7	7.18	4.38	2.62	1.66	1.12	
60	19.9	20.6	20.8	20.6	19.9	19.4	18.6	17.5	15.9	14.1	12.2	9.77	7.39	5.25	3.59	2.44	1.66	1.12	
70	10.1	10.2	10.3	10.2	9.93	9.68	9.55	9.21	8.71	8.12	7.46	6.52	5.20	4.07	3.12	2.33	1.66	1.12	
80	5.67	5.69	5.67	5.64	5.58	5.51	5.47	5.40	5.32	5.22	5.11	4.97	4.23	3.54	2.87	2.24	1.67	1.12	
90	3.98	3.99	4.00	4.01	4.03	4.04	4.09	4.14	4.19	4.24	4.29	4.35	3.81	3.27	2.73	2.20	1.66	1.12	
100	3.36	3.38	3.40	3.42	3.45	3.48	3.56	3.64	3.72	3.80	3.89	3.94	3.52	3.08	2.63	2.14	1.64	1.12	
110	3.21	3.25	3.28	3.31	3.34	3.37	3.43	3.49	3.55	3.62	3.70	3.64	3.29	2.92	2.52	2.09	1.62	1.12	
120	3.73	3.76	3.77	3.76	3.74	3.72	3.71	3.69	3.68	3.67	3.70	3.45	3.11	2.76	2.41	2.02	1.59	1.12	
130	5.21	5.17	5.07	4.94	4.77	4.61	4.43	4.28	4.13	4.00	3.74	3.29	2.94	2.61	2.28	1.94	1.55	1.12	
140	7.06	6.95	6.76	6.49	6.18	5.83	5.45	5.10	4.79	4.33	3.70	3.19	2.77	2.45	2.16	1.84	1.50	1.12	
150	8.32	8.24	8.07	7.76	7.36	6.91	6.44	5.97	5.08	4.25	3.57	3.02	2.60	2.27	2.00	1.74	1.44	1.12	
160	8.76	8.77	8.65	8.39	8.05	7.62	6.62	5.62	4.72	3.92	3.27	2.75	2.36	2.07	1.84	1.62	1.38	1.12	
170	8.35	8.35	8.33	8.03	7.16	6.30	5.46	4.65	3.94	3.30	2.78	2.37	2.06	1.84	1.66	1.49	1.31	1.12	
180	6.79	6.27	5.80	5.33	4.82	4.30	3.78	3.28	2.83	2.46	2.14	1.89	1.71	1.57	1.46	1.36	1.23	1.12	

H_b Range:-90 - 90DEG
H_b Interval: 0.5DEG
Test Speed: LOW
Temperature:25.3DEG
Operators:Fan
Test Date:2023-09-06

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: