

Floodlight Summary:

Report based on lamp delivering 1000 lumens.

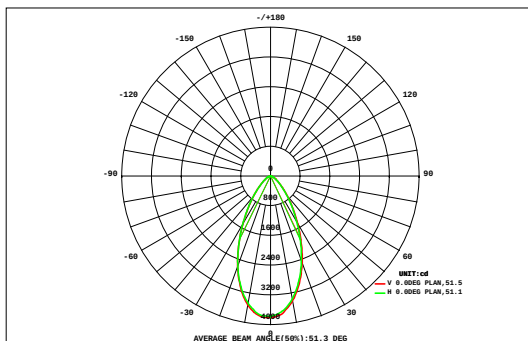
Maximum Intensity (Luminaire orientation as tested.)		1037.2 cd per klm. 0.0 degrees vertical 0.0 degrees horizontal
Beam Spread	At 10% of Imax	95.3V x 95.7H
	At 50% of Imax	51.1V x 51.5H
	At 90% of Imax	19.9V x 21.1H
Beam Flux	Total	941.6 lumens per klm.
	To 10% of Imax	830.7 lumens per klm.
	To 50% of Imax	466.9 lumens per klm.
	To 90% of Imax	95.4 lumens per klm.
Upward LOR		0.0 %
Downward LOR		94.2 %
Luminaire Efficiency(Light Output Ratio)		94.1 %

***H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Kevin
Test Date:28 July 2025***

***V(B) Range:-90 - 90DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE 60-2000A_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:9.060m [K=1.0000]
Remarks:***

LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:219.9V I:0.1779A P:35.65W PF:0.9110 Freq:49.99Hz Lamp Flux:459.332x8 lm		
NAME:Auroring Mini-212mm-3000K-50D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:50 DEG	DIA.:212mm	SERIAL No.:
MFR.:Luminoscape	SUR.:	Shielding Angle:



DATA OF LAMP		Eff:97.06lm/W	
MODEL		Imax(cd)	3811
NOMINAL POWER(W)	36	AVAILABILITY(%)	83.0
RATED VOLTAGE(V)	220	Avai. FLUX(lm)	3050
NOMINAL FLUX(lm)	459.332	LOR(%)	94.1
LAMPS INSIDE	8	TOTAL FLUX(lm)	3460
TEST VOLTAGE(V)	220	θ @50%(H,V)	52,51DEG

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a
	0.00	0.00	0.00	0.01	0.03	0.05	0.08	0.09	0.10	0.10	0.09	0.08	0.05	0.03	0.01	0.00	0.00	0.00	0.73	0.00
90	0.00	0.01	0.07	0.21	0.43	0.68	0.91	1.07	1.17	1.18	1.09	0.93	0.70	0.44	0.22	0.08	0.01	0.00	9.20	0.00
80	0.00	0.05	0.24	0.63	1.15	1.75	2.33	2.80	3.08	3.09	2.82	2.36	1.77	1.18	0.65	0.25	0.05	0.00	24.2	0.00
70	0.00	0.10	0.47	1.13	2.04	3.20	4.54	5.79	6.58	6.60	5.84	4.60	3.24	2.06	1.15	0.48	0.11	0.00	47.9	0.00
60	0.01	0.16	0.70	1.68	3.22	5.59	8.85	12.3	14.8	14.9	12.6	9.04	5.69	3.26	1.69	0.71	0.17	0.01	95.3	47.5
50	0.01	0.23	0.93	2.29	4.86	9.63	17.1	25.8	31.8	32.1	26.3	17.6	9.90	4.94	2.31	0.94	0.23	0.01	187	162
40	0.02	0.28	1.13	2.93	6.95	15.5	29.7	46.9	59.5	60.1	48.2	30.7	16.0	7.11	2.96	1.13	0.28	0.02	329	311
30	0.02	0.32	1.29	3.51	9.06	21.7	43.7	70.8	89.8	90.8	72.9	45.3	22.4	9.28	3.54	1.28	0.32	0.02	486	470
20	0.02	0.34	1.38	3.86	10.5	25.7	52.9	85.6	108	109	88.2	54.8	26.4	10.6	3.87	1.36	0.34	0.02	583	569
10	0.02	0.34	1.37	3.82	10.3	25.2	51.1	82.7	105	108	87.3	54.0	26.2	10.6	3.86	1.36	0.34	0.02	571	557
0	0.02	0.32	1.27	3.40	8.69	20.6	41.2	66.8	85.1	86.6	70.0	43.9	21.9	9.15	3.51	1.28	0.32	0.02	464	448
-10	0.02	0.28	1.10	2.81	6.61	14.6	28.0	44.0	55.6	56.4	45.7	29.5	15.5	6.97	2.94	1.13	0.28	0.01	311	292
-20	0.01	0.22	0.90	2.20	4.64	9.17	16.3	24.3	29.9	30.3	25.0	17.0	9.63	4.86	2.29	0.93	0.22	0.01	178	152
-30	0.01	0.16	0.67	1.61	3.10	5.37	8.45	11.8	14.1	14.2	12.1	8.74	5.57	3.22	1.67	0.70	0.16	0.01	91.6	41.7
-40	0.00	0.09	0.44	1.08	1.98	3.12	4.40	5.61	6.38	6.41	5.70	4.49	3.20	2.05	1.13	0.46	0.10	0.00	46.7	0.00
-50	0.00	0.04	0.22	0.60	1.12	1.70	2.28	2.76	3.02	3.03	2.79	2.32	1.75	1.17	0.63	0.24	0.05	0.00	23.7	0.00
-60	0.00	0.01	0.06	0.19	0.41	0.66	0.89	1.07	1.17	1.17	1.09	0.92	0.69	0.44	0.21	0.07	0.01	0.00	9.06	0.00
-70	0.00	0.00	0.00	0.01	0.03	0.05	0.08	0.10	0.11	0.11	0.10	0.08	0.06	0.03	0.01	0.00	0.00	0.00	0.79	0.00
-80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HORIZONTAL (DEG)																				
Φ t	0.16	2.96	12.3	32.0	75.1	164	313	490	615	624	508	326	171	77.4	32.7	12.4	2.97	0.15	3460	---
Φ a	0.00	0.00	0.00	0.00	32.5	133	284	463	588	597	480	298	140	35.4	0.00	0.00	0.00	0.00	---	3050

one-half-peak spread: U:25.2,D:24.3 , L:26.6,R:25.3

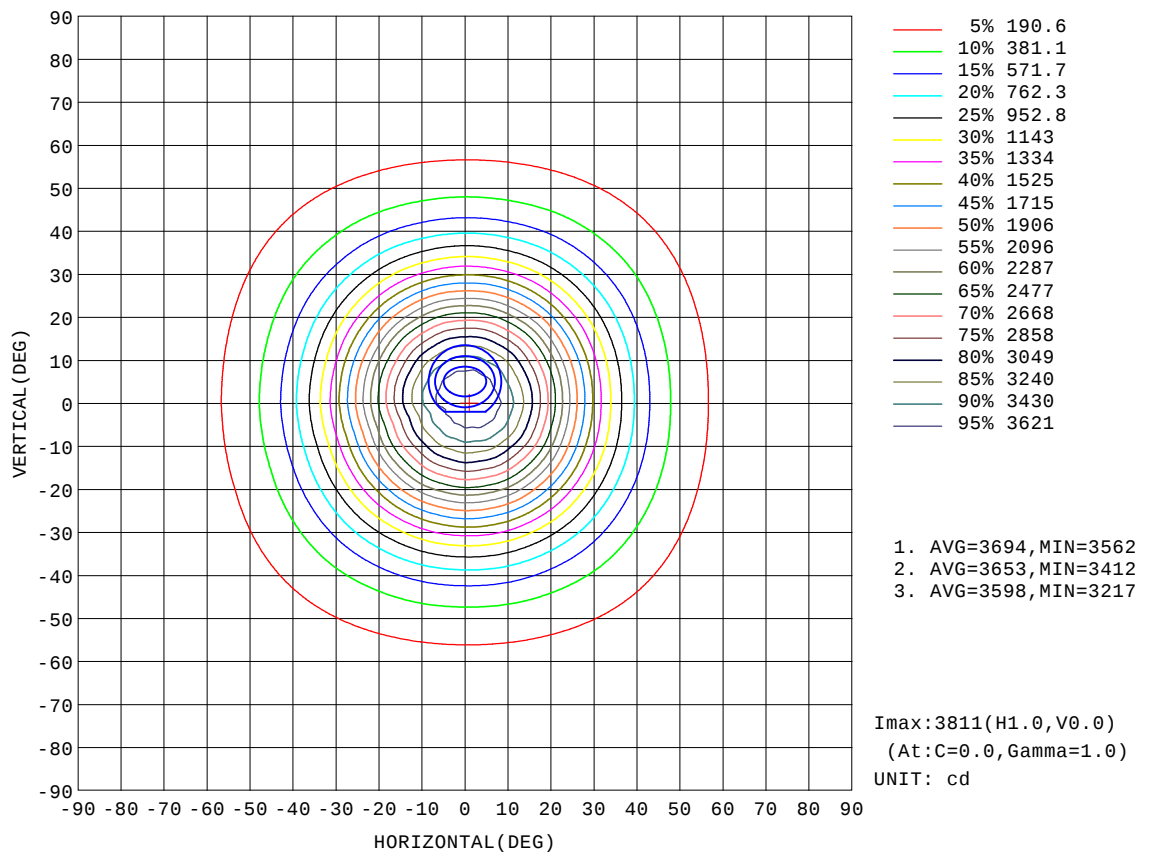
NEMA Beam Type: Type 5

H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Kevin
Test Date:28 July 2025

V(B) Range:-90 - 90DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:9.060m [K=1.0000]
Remarks: 透镜型号: HR60-78M2
灯具型号;

ISOCANDELA DIAGRAM

Test:U:219.9V I:0.1779A P:35.65W PF:0.9110 Freq:49.99Hz Lamp Flux:459.332x8 lm		
NAME:Auroring Mini-212mm-3000K-50D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:50 DEG	DIA.:212mm	SERIAL No.:
MFR.:Luminoscape	SUR.:	Shielding Angle:

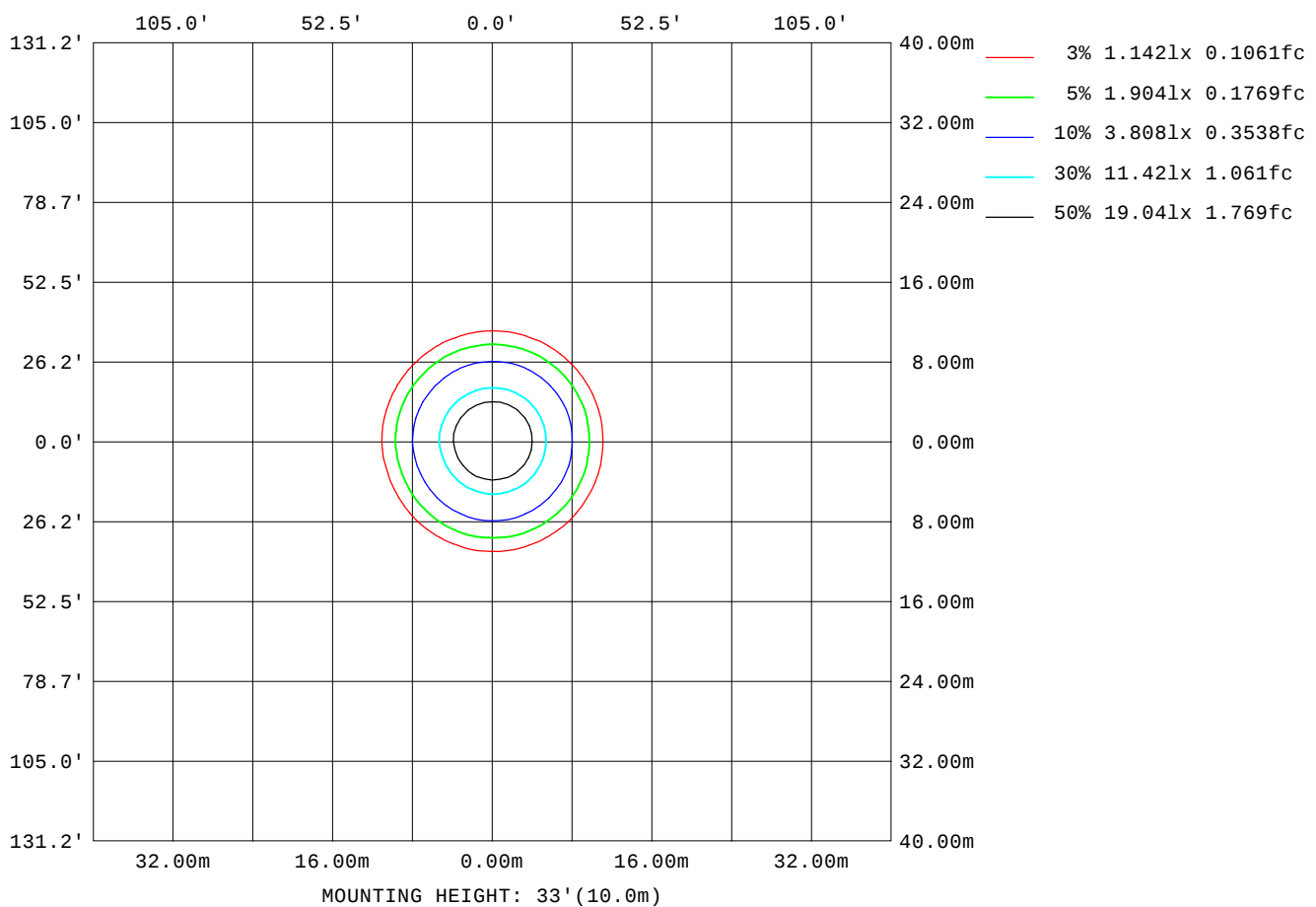


H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Kevin
Test Date:28 July 2025

V(B) Range:-90 - 90DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE 60-2000A_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:9.060m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

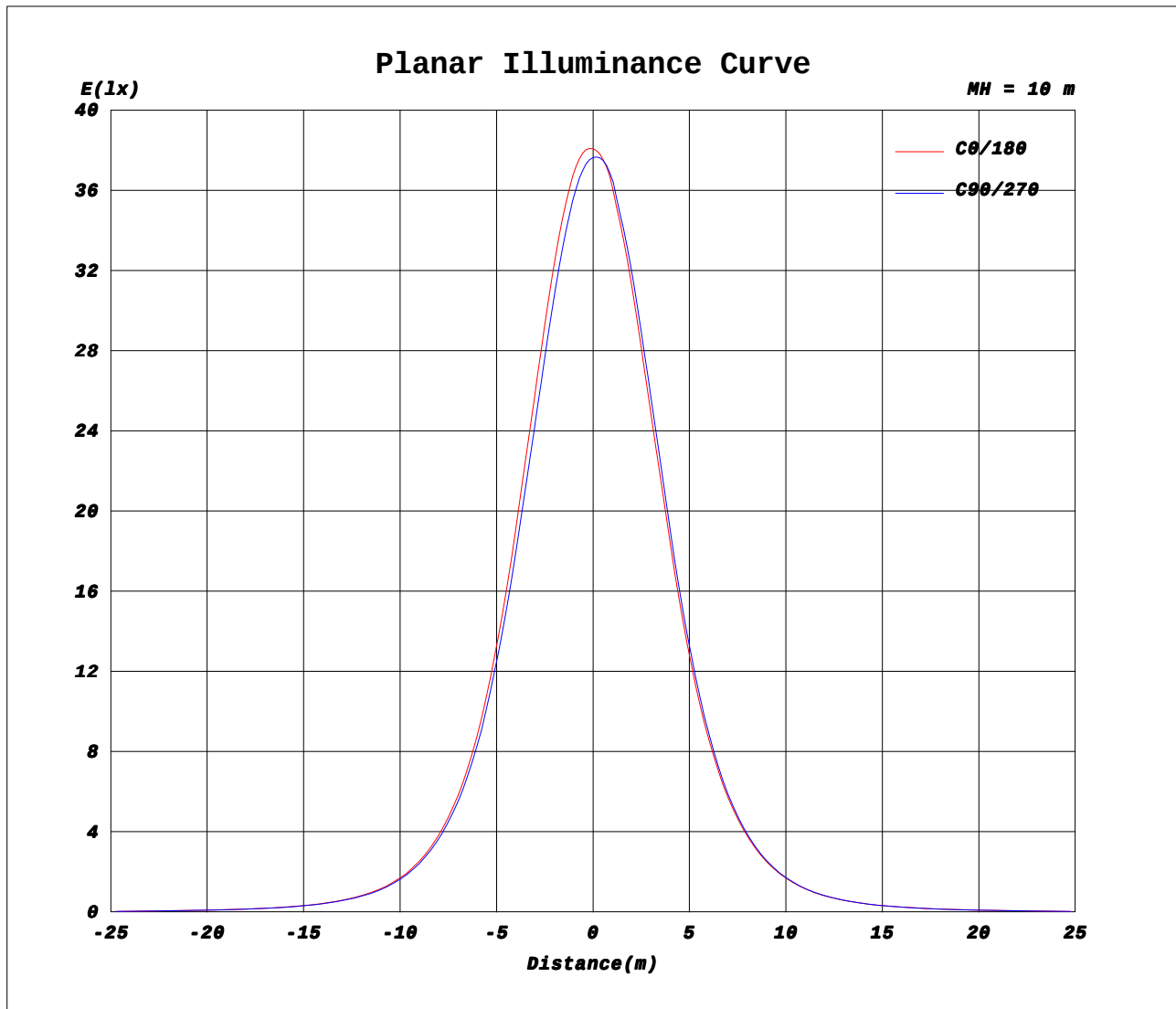
Test:U:219.9V I:0.1779A P:35.65W PF:0.9110 Freq:49.99Hz Lamp Flux:459.332x8 lm		
NAME:Auroring Mini-212mm-3000K-50D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:50 DEG	DIA.:212mm	SERIAL No.:
MFR.:Luminoscape	SUR.:	Shielding Angle:



H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Kevin
Test Date:28 July 2025

V(B) Range:-90 - 90DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE 60-2000A_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:9.060m [K=1.0000]
Remarks:

Planar Illuminance Curve

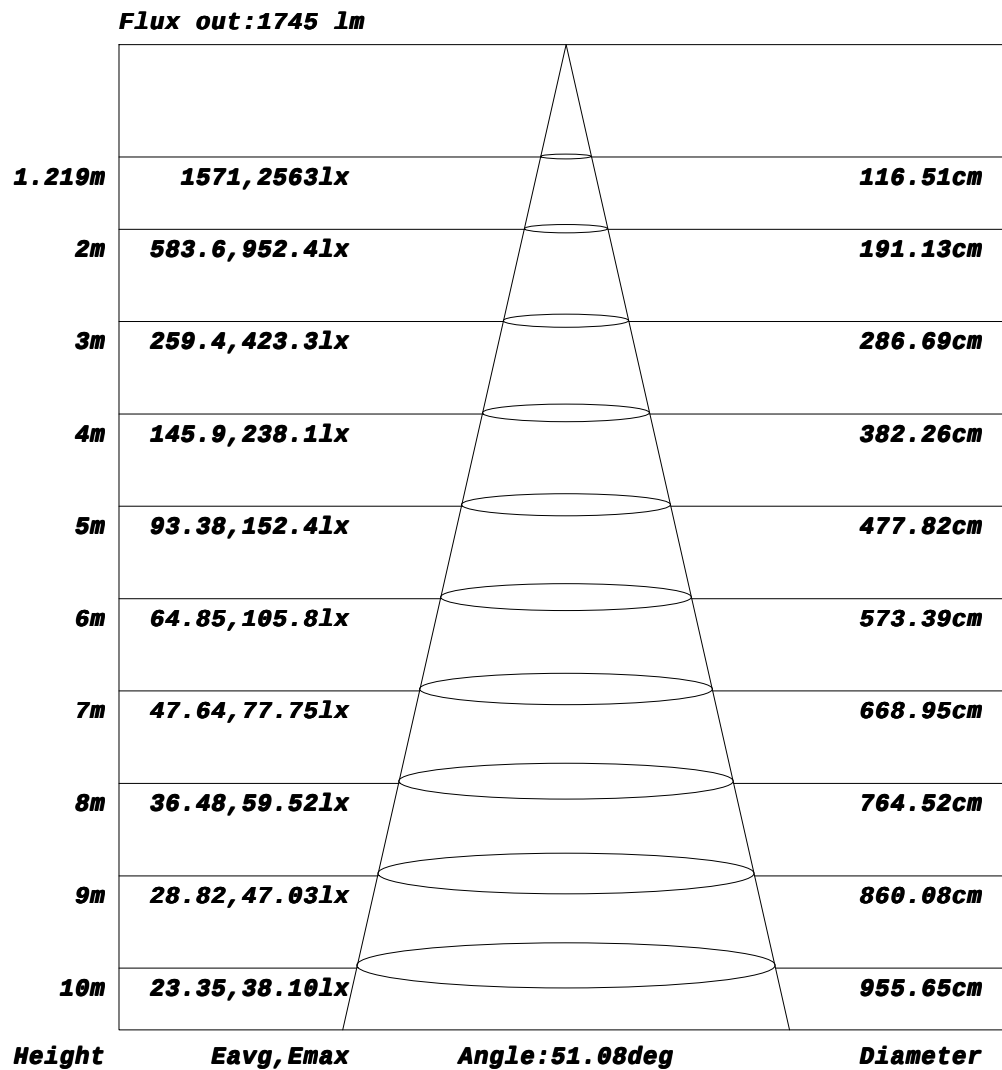


$H(\beta)$ Range: -90 - 90DEG
 $H(\beta)$ Interval: 0.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Kevin
Test Date: 28 July 2025

$V(B)$ Range: -90 - 90DEG
 $V(B)$ Interval: 0.5DEG
Test System: EVERFINE G0-2000A_V1 SYSTEM V2.0.353
Humidity: 65.0%
Test Distance: 9.060m [K=1.0000]
Remarks:

AAI Figure

Test:U:219.9V I:0.1779A P:35.65W PF:0.9110 Freq:49.99Hz Lamp Flux:459.332x8 lm		
NAME:Auroring Mini-212mm-3000K-50D-Rev1	TYPE:3000K	WEIGHT:
SPEC.:50 DEG	DIA.:212mm	SERIAL No.:
MFR.:Luminoscape	SUR.:	Shielding Angle:



Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

H(β) Range: -90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: Kevin
Test Date: 28 July 2025

V(B) Range: -90 - 90DEG
V(B) Interval: 0.5DEG
Test System: EVERFINE G0-2000A_V1 SYSTEM V2.0.353
Humidity: 65.0%
Test Distance: 9.060m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.9V I:0.1779A P:35.65W PF:0.9110 Freq:49.99Hz Lamp Flux:459.332x8 lm					
NAME:Auroring Mini-212mm-3000K-50D-Rev1			TYPE:3000K		WEIGHT:
SPEC.:50 DEG			DIA.:212mm		SERIAL No.:
MFR.:Luminoscape			SUR.:		Shielding Angle:

Table--1

UNIT: cd

H(°)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
V(°)	-90	-85	-80	-75	-70	-65	-60	-55	-50	-45	-40	-35	-30	-25	-20	-15	-10	-5	0
-90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-85	0.00	0.00	0.00	0.01	0.02	0.05	0.11	0.17	0.31	0.50	0.58	0.64	0.76	0.90	0.99	1.05	1.05	1.02	0.95
-80	0.00	0.00	0.04	0.15	0.44	1.02	1.88	3.00	4.32	5.66	7.44	9.17	10.8	12.2	13.5	14.6	15.2	15.6	15.7
-75	0.00	0.02	0.18	0.67	2.11	4.20	6.84	10.3	14.4	18.8	22.5	25.9	28.9	31.7	33.9	35.7	37.0	37.7	37.8
-70	0.00	0.06	0.52	2.19	5.40	9.55	15.0	21.2	27.9	34.4	40.2	45.5	50.4	54.8	58.6	61.7	63.8	64.9	65.2
-65	0.00	0.10	1.20	4.58	9.65	16.5	24.8	33.9	42.9	51.7	60.0	67.8	75.1	81.8	87.7	92.6	96.2	98.3	98.9
-60	0.00	0.19	2.34	7.52	14.6	24.5	35.8	47.4	59.0	70.5	81.9	93.0	104	114	124	132	138	142	143
-55	0.00	0.27	3.76	10.6	20.3	33.2	47.3	61.4	75.9	91.0	107	123	140	157	173	187	198	206	208
-50	0.00	0.45	5.37	14.0	26.5	42.3	58.8	75.8	94.2	114	137	162	188	216	243	269	289	303	308
-45	0.00	0.70	7.05	17.6	32.9	51.1	70.3	90.9	114	141	174	211	254	300	348	393	431	455	464
-40	0.00	0.93	8.65	21.3	39.4	59.6	81.8	107	136	174	220	276	344	419	499	575	638	679	694
-35	0.00	1.23	10.2	25.1	45.5	67.7	93.1	123	161	211	276	360	464	581	702	817	916	981	1005
-30	0.00	1.62	11.6	28.6	51.1	75.7	104	140	188	253	342	462	611	779	955	1122	1269	1369	1406
-25	0.00	1.97	12.9	31.9	56.1	83.1	115	157	215	298	417	577	776	1007	1252	1495	1701	1839	1902
-20	0.00	2.26	14.1	34.7	60.5	89.7	125	173	242	346	495	697	950	1249	1577	1899	2176	2351	2436
-15	0.00	2.50	15.1	37.0	64.1	95.3	134	189	269	390	570	812	1119	1492	1897	2290	2625	2836	2938
-10	0.00	2.68	15.8	38.8	66.9	99.8	142	202	292	433	637	912	1263	1692	2167	2618	2978	3249	3363
-5	0.00	2.80	16.2	39.9	68.8	103	147	211	309	464	691	996	1385	1848	2350	2823	3242	3505	3652
0	0.00	2.86	16.5	40.5	69.7	104	150	216	318	481	719	1041	1456	1952	2496	2994	3414	3713	3808
5	0.00	2.82	16.3	40.1	69.1	103	148	213	313	471	703	1017	1425	1918	2456	2950	3352	3636	3731
10	0.00	2.71	15.9	39.1	67.5	101	144	206	300	446	660	951	1325	1787	2279	2748	3137	3379	3478
15	0.00	2.55	15.3	37.5	65.0	96.9	137	194	279	407	598	855	1184	1580	2008	2438	2772	3005	3086
20	0.00	2.32	14.4	35.3	61.6	91.7	129	180	253	362	522	738	1009	1328	1685	2023	2314	2519	2585
25	0.00	2.04	13.2	32.6	57.4	85.5	119	163	225	313	441	612	822	1066	1331	1596	1819	1971	2022
30	0.00	1.70	12.0	29.5	52.7	78.3	108	146	196	265	361	487	643	822	1015	1200	1352	1463	1507
35	0.00	1.32	10.6	26.0	47.2	70.4	96.7	128	168	221	289	378	486	612	744	867	969	1041	1071
40	0.00	1.02	9.07	22.3	41.1	62.1	85.0	111	142	181	229	288	360	441	527	606	669	716	735
45	0.00	0.77	7.50	18.5	34.6	53.4	73.2	94.6	119	147	181	220	265	314	365	411	449	477	488
50	0.00	0.49	5.80	14.9	28.1	44.4	61.3	79.0	97.7	118	141	167	195	224	253	279	300	315	320
55	0.00	0.29	4.15	11.5	21.8	35.1	49.6	64.1	78.7	93.7	109	126	144	162	178	193	204	212	215
60	0.00	0.21	2.64	8.36	15.9	26.2	37.8	49.7	61.1	72.5	83.7	95.2	106	117	126	134	141	145	147
65	0.00	0.13	1.49	5.33	10.7	17.9	26.5	35.7	44.6	53.2	61.4	69.5	77.0	83.7	89.3	93.8	97.5	100	101
70	0.00	0.08	0.66	2.71	6.29	10.7	16.4	22.7	29.3	35.6	41.4	46.9	51.9	56.2	59.7	62.4	64.6	66.0	66.5
75	0.00	0.03	0.23	1.05	2.64	4.99	7.88	11.3	15.3	19.4	23.3	26.7	29.7	32.3	34.2	35.7	37.2	38.1	38.5
80	0.00	0.00	0.08	0.23	0.66	1.41	2.34	3.51	4.85	6.15	7.79	9.49	11.2	12.2	13.0	13.6	14.3	14.8	15.0
85	0.00	0.00	0.00	0.03	0.06	0.09	0.19	0.28	0.45	0.61	0.62	0.61	0.68	0.74	0.71	0.60	0.57	0.52	0.45
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Kevin
Test Date:28 July 2025

V(B) Range:-90 - 90DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:9.060m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.9V I:0.1779A P:35.65W PF:0.9110 Freq:49.99Hz Lamp Flux:459.332x8 lm																		
NAME:Auroring Mini-212mm-3000K-50D-Rev1									TYPE:3000K					WEIGHT:				
SPEC.:50 DEG									DIA.:212mm					SERIAL No.:				
MFR.:Luminoscape									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	
-90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-85	0.99	0.99	0.96	0.93	0.85	0.72	0.63	0.58	0.53	0.36	0.22	0.18	0.12	0.07	0.03	0.00	0.00	0.00	
-80	15.8	15.6	15.1	14.2	13.0	11.6	9.99	8.23	6.33	4.90	3.49	2.29	1.32	0.61	0.24	0.09	0.00	0.00	
-75	37.9	37.4	36.3	34.8	32.7	30.2	27.2	23.9	20.1	15.6	11.3	7.63	4.82	2.51	0.93	0.24	0.04	0.00	
-70	65.2	64.3	62.4	59.6	56.1	51.9	47.1	42.0	36.2	29.5	22.6	16.2	10.5	6.12	2.55	0.59	0.09	0.00	
-65	98.7	96.9	93.6	89.0	83.4	76.9	69.7	62.1	53.8	45.0	35.7	26.3	17.7	10.6	5.12	1.26	0.15	0.00	
-60	143	139	134	126	116	106	95.4	84.4	73.0	61.3	49.7	37.7	26.0	15.7	8.19	2.41	0.22	0.00	
-55	207	200	190	176	160	143	127	110	94.0	78.8	64.0	49.6	35.0	21.6	11.3	3.83	0.30	0.00	
-50	305	293	274	249	221	194	167	141	118	97.6	78.8	61.4	44.4	28.0	14.6	5.44	0.44	0.00	
-45	459	439	402	358	310	263	219	180	147	118	94.3	73.2	53.6	34.5	18.1	7.12	0.61	0.00	
-40	685	650	590	515	436	359	288	229	181	142	111	85.1	62.3	40.9	21.8	8.74	0.76	0.00	
-35	992	936	842	728	606	486	378	289	220	168	128	96.8	70.7	47.0	25.5	10.2	1.00	0.00	
-30	1387	1302	1164	996	816	643	487	360	265	196	146	108	78.3	52.4	28.8	11.6	1.38	0.00	
-25	1867	1749	1557	1313	1061	819	611	441	314	225	163	119	85.3	57.2	31.9	12.7	1.71	0.00	
-20	2388	2244	1984	1662	1323	1008	741	525	365	254	180	129	91.3	61.2	34.5	13.8	1.99	0.00	
-15	2884	2717	2403	2010	1592	1192	864	606	412	280	194	137	96.3	64.4	36.6	14.6	2.21	0.00	
-10	3320	3104	2772	2306	1807	1349	968	671	450	301	206	143	100.0	66.7	38.1	15.2	2.37	0.00	
-5	3614	3399	3004	2503	1959	1454	1035	713	475	315	213	147	102	68.0	39.0	15.5	2.47	0.00	
0	3764	3527	3118	2598	2025	1496	1058	727	483	319	216	148	103	68.5	39.2	15.6	2.51	0.00	
5	3664	3415	3039	2545	1990	1471	1043	717	477	316	214	147	102	68.1	39.0	15.6	2.48	0.00	
10	3418	3208	2833	2363	1854	1375	982	678	454	303	207	143	100	66.8	38.2	15.3	2.39	0.00	
15	3040	2835	2516	2081	1641	1229	884	617	417	283	196	137	96.4	64.5	36.8	14.7	2.24	0.00	
20	2548	2365	2085	1744	1377	1047	763	537	371	257	182	129	91.5	61.4	34.8	14.0	2.03	0.00	
25	1993	1857	1641	1375	1104	850	632	453	320	228	164	119	85.5	57.5	32.3	12.9	1.76	0.00	
30	1479	1378	1231	1046	849	665	502	371	270	199	147	109	78.6	52.9	29.3	11.8	1.44	0.00	
35	1050	985	886	765	631	501	388	295	224	170	129	97.3	71.1	47.5	26.0	10.4	1.06	0.00	
40	722	680	618	540	452	369	295	233	183	144	112	85.7	62.9	41.6	22.4	8.98	0.82	0.00	
45	480	454	418	373	320	270	224	183	148	120	95.3	74.0	54.3	35.4	18.7	7.42	0.65	0.00	
50	316	303	283	257	228	198	169	143	119	98.6	79.9	62.3	45.3	28.9	15.2	5.77	0.46	0.00	
55	213	206	194	180	164	146	128	111	94.8	79.6	65.1	50.6	36.1	22.5	11.8	4.14	0.31	0.00	
60	146	142	135	128	118	108	96.3	84.9	73.6	62.3	50.8	38.9	27.0	16.5	8.70	2.64	0.23	0.00	
65	100	98.0	94.5	90.1	84.6	78.0	70.5	62.6	54.4	45.8	36.8	27.5	18.6	11.3	5.70	1.46	0.16	0.00	
70	66.2	65.0	62.9	60.4	57.1	53.0	48.0	42.6	36.8	30.3	23.6	17.2	11.3	6.72	2.95	0.67	0.10	0.00	
75	38.4	37.7	36.4	35.1	33.2	30.7	27.7	24.1	20.2	16.0	12.0	8.35	5.31	2.87	1.18	0.26	0.04	0.00	
80	15.0	14.6	14.0	13.4	12.5	11.4	9.77	8.06	6.32	4.95	3.61	2.47	1.55	0.75	0.28	0.11	0.00	0.00	
85	0.48	0.49	0.48	0.61	0.65	0.59	0.55	0.55	0.53	0.40	0.27	0.21	0.13	0.09	0.05	0.00	0.00	0.00	
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

H(β) Range:-90 - 90DEG
H(β) Interval: 0.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:Kevin
Test Date:28 July 2025

V(B) Range:-90 - 90DEG
V(B) Interval: 0.5DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.353
Humidity:65.0%
Test Distance:9.060m [K=1.0000]
Remarks: