

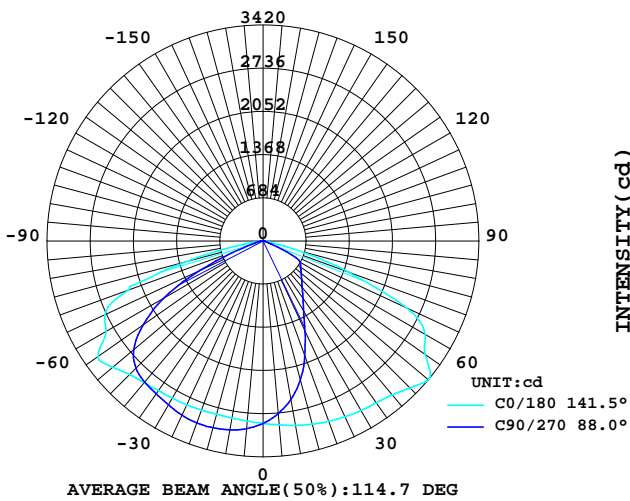
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

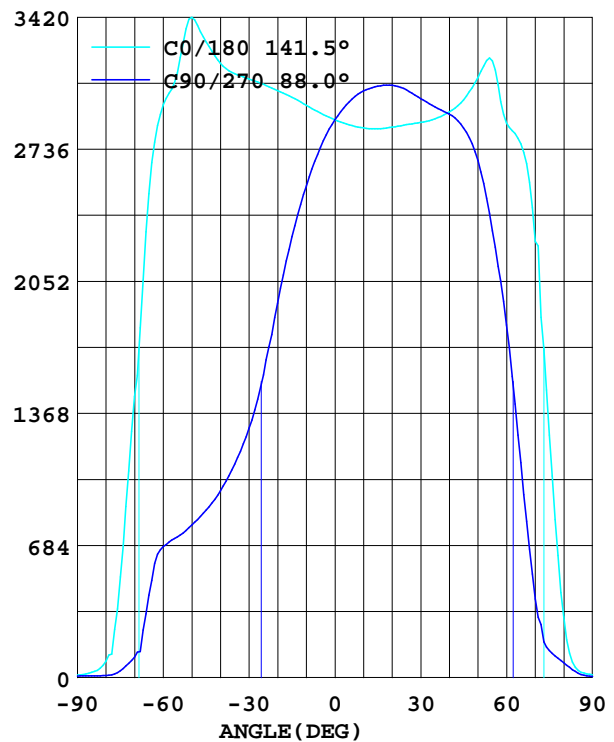
MANUFACTURER:			
Address:			
NAME: SA60-A44NN-HE		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 80X150DEG	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	3420	S/MH(C0/180)	1.67
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.80
NOMINAL POWER(W)	60	TOTAL FLUX(lm)	9208.0	Voltage(V)	231.1
RATED VOLTAGE(V)	232	EFFICIENCY(lm/W)	155.5	Current(A)	0.260
NOMINAL FLUX(lm)	9208.0	η up(%)	0.0	Power(W)	59.22
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.983
TEST VOLTAGE(V)	231.1	Effective Flux(lm)	9208.0	EEI	0.088

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



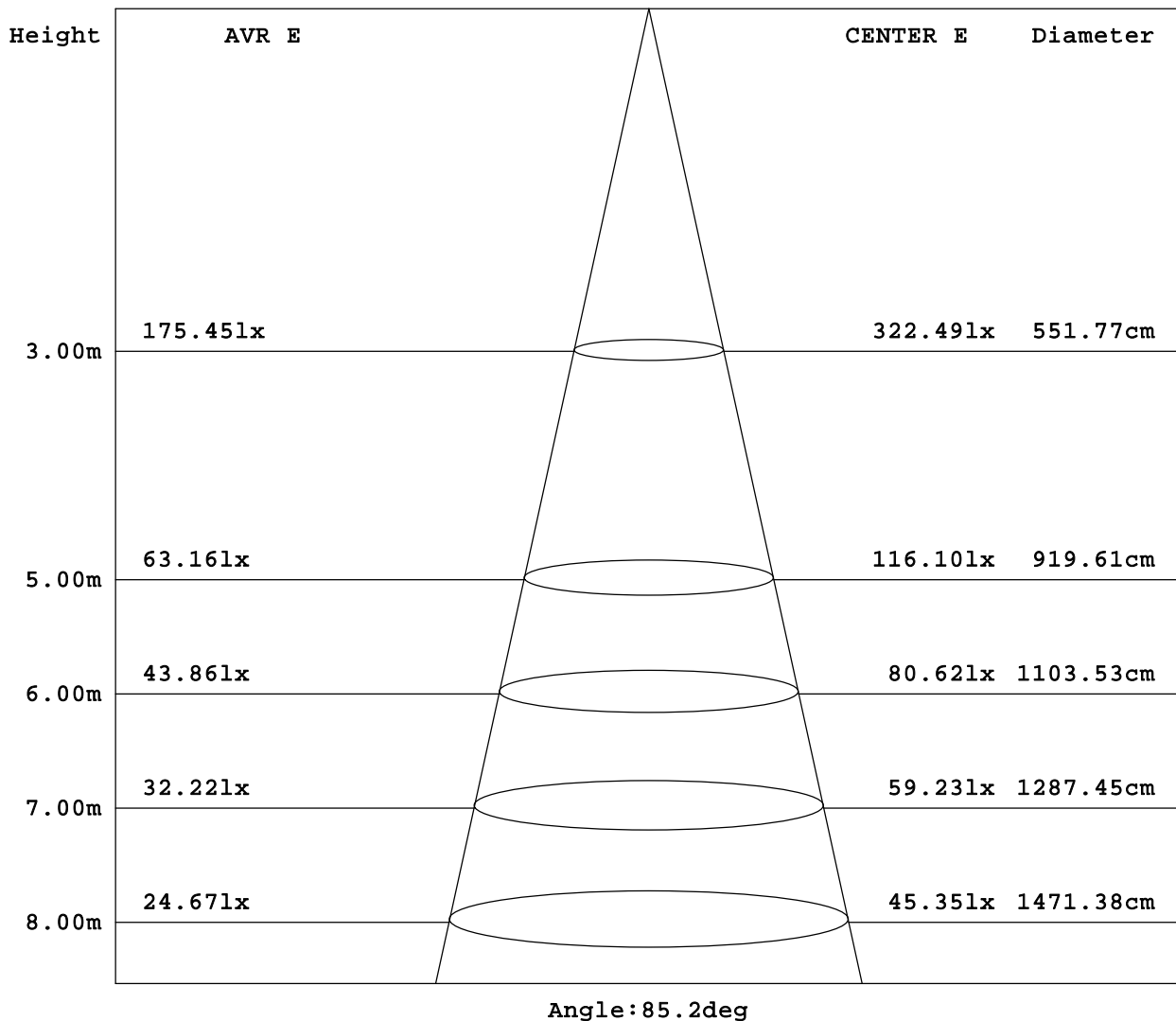
Test System:HOPPO
 Temperature:25.3DEG
 Operators:
 Test Date:2023.12.19

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:			
Address:			
NAME: SA60-A44NN-HE		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 80X150DEG	SERIAL No.:



Test System:HOPOO
 Temperature:25.3DEG
 Operators:
 Test Date:2023.12.19

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: SA60-A44NN-HE		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 80X150DEG	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	2923	2811	2746	2756	2862	2944	2981	2986	0- 5	68.91	68.91
10.0	2964	2714	2546	2586	2846	2990	3038	3059	5- 10	204.6	273.5
15.0	3005	2600	2284	2386	2841	3020	3063	3103	10- 15	334.0	607.5
20.0	3040	2445	1939	2145	2850	3040	3067	3128	15- 20	452.9	1060
25.0	3072	2237	1567	1891	2863	3052	3044	3134	20- 25	557.6	1618
30.0	3100	2010	1291	1550	2875	3051	2999	3121	25- 30	646.0	2264
35.0	3128	1664	1105	1233	2893	3034	2954	3094	30- 35	719.2	2983
40.0	3182	1292	966.1	1033	2930	3009	2917	3065	35- 40	781.7	3765
45.0	3291	1025	868.2	888.2	2992	2988	2846	3026	40- 45	840.0	4605
50.0	3420	859.4	789.3	774.7	3107	2976	2678	2957	45- 50	897.2	5502
55.0	3131	726.0	728.4	680.8	3193	2928	2313	2779	50- 55	930.2	6433
60.0	2967	607.6	677.9	600.9	2871	2761	1826	2384	55- 60	903.6	7336
65.0	2505	459.6	426.0	486.0	2763	2343	1112	1602	60- 65	815.1	8151
70.0	1454	273.1	105.7	274.8	2259	1619	407.1	683.4	65- 70	593.2	8745
75.0	521.7	68.65	36.35	56.85	1255	678.5	139.3	147.1	70- 75	321.8	9066
80.0	85.00	24.05	10.61	10.10	313.5	127.9	76.81	80.37	75- 80	106.8	9173
85.0	26.57	7.717	8.812	5.204	37.42	46.10	22.43	32.33	80- 85	26.49	9200
90.0	13.63	6.214	8.111	5.104	13.93	16.13	5.708	11.71	85- 90	8.135	9208
95.0									90- 95		
100.0									95-100		
105.0									100-105		
110.0									105-110		
115.0									110-115		
120.0									115-120		
125.0									120-125		
130.0									125-130		
135.0									130-135		
140.0									135-140		
145.0									140-145		
150.0									145-150		
155.0									150-155		
160.0									155-160		
165.0									160-165		
170.0									165-170		
175.0									170-175		
180.0									175-180		
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO
 Temperature:25.3DEG
 Operators:
 Test Date:2023.12.19

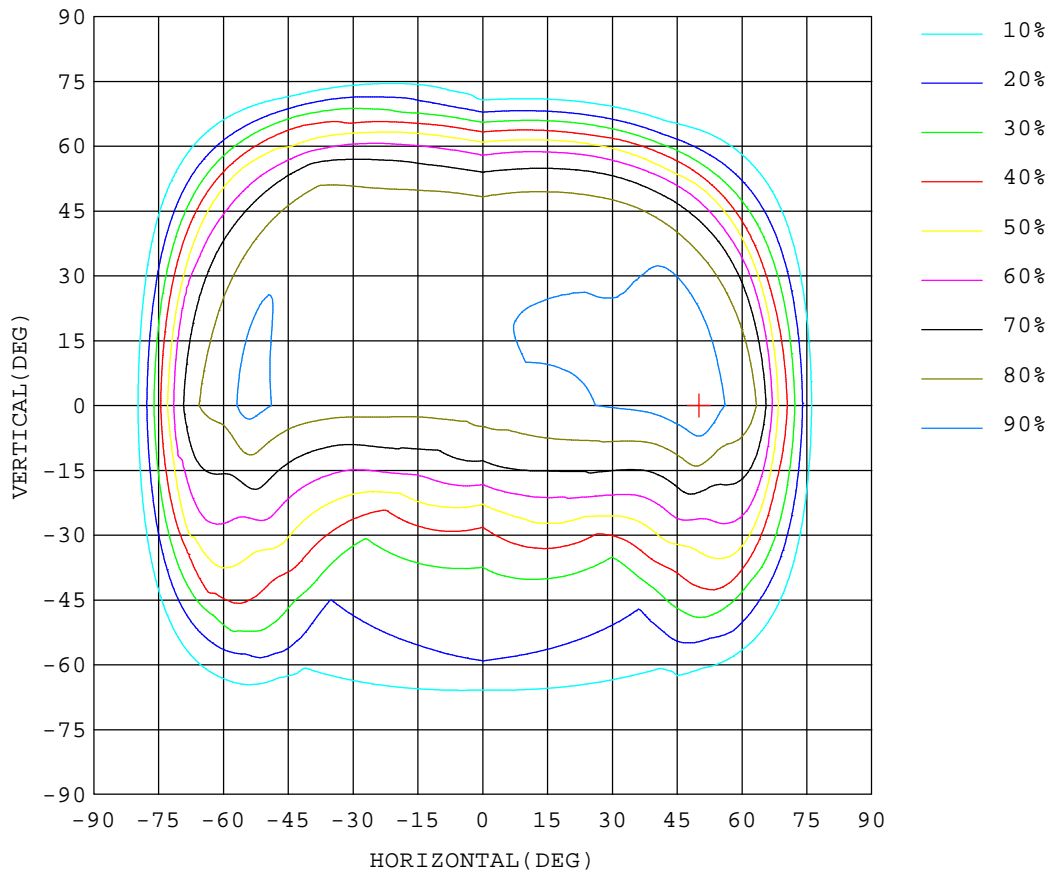
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: SA60-A44NN-HE		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 80X150DEG	SERIAL No.:

UNIT: cd



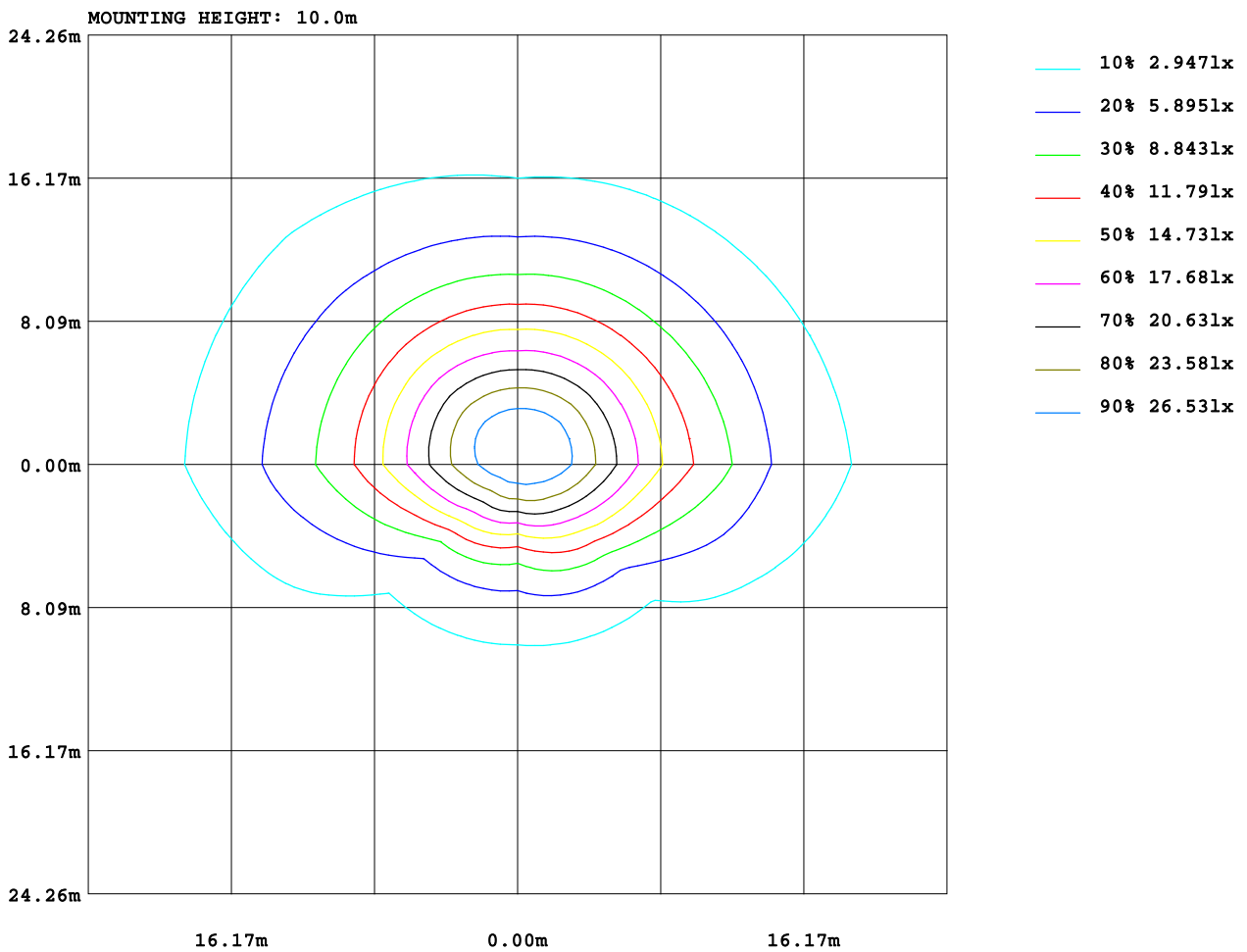
Test System:HOP00
 Temperature:25.3DEG
 Operators:
 Test Date:2023.12.19

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: SA60-A44NN-HE		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 80X150DEG	SERIAL No.:



Test System:HOP00
 Temperature:25.3DEG
 Operators:
 Test Date:2023.12.19

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: SA60-A44NN-HE		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 80X150DEG	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)							
	0	45	90	135	180	225	270	315
0.0	2889	2889	2889	2889	2889	2889	2889	2889
5.0	2923	2811	2746	2756	2862	2944	2981	2986
10.0	2964	2714	2546	2586	2846	2990	3038	3059
15.0	3005	2600	2284	2386	2841	3020	3063	3103
20.0	3040	2445	1939	2145	2850	3040	3067	3128
25.0	3072	2237	1567	1891	2863	3052	3044	3134
30.0	3100	2010	1291	1550	2875	3051	2999	3121
35.0	3128	1664	1105	1233	2893	3034	2954	3094
40.0	3182	1292	966	1033	2930	3009	2917	3065
45.0	3291	1025	868	888	2992	2988	2846	3026
50.0	3420	859	789	775	3107	2976	2678	2957
55.0	3131	726	728	681	3193	2928	2313	2779
60.0	2967	608	678	601	2871	2761	1826	2384
65.0	2505	460	426	486	2763	2343	1112	1602
70.0	1454	273	106	275	2259	1619	407	683
75.0	522	68.6	36.3	56.8	1255	679	139	147
80.0	85.0	24.0	10.6	10.1	314	128	76.8	80.3
85.0	26.5	7.71	8.81	5.20	37.4	46.1	22.4	32.3
90.0	13.6	6.21	8.11	5.10	13.9	16.1	5.70	11.7

Test System:HOP00
Temperature:25.3DEG
Operators:
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