

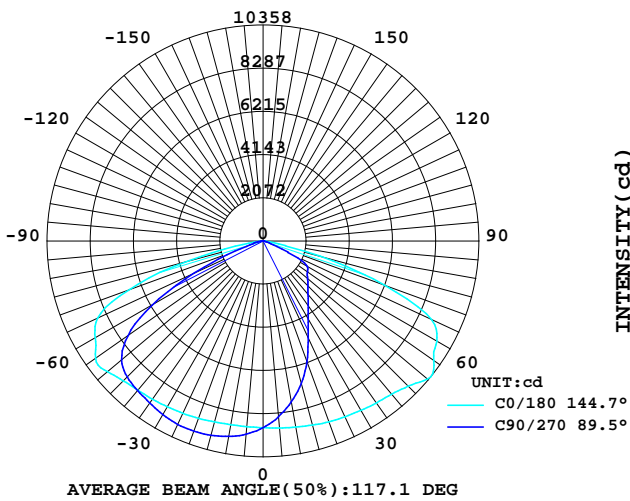
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

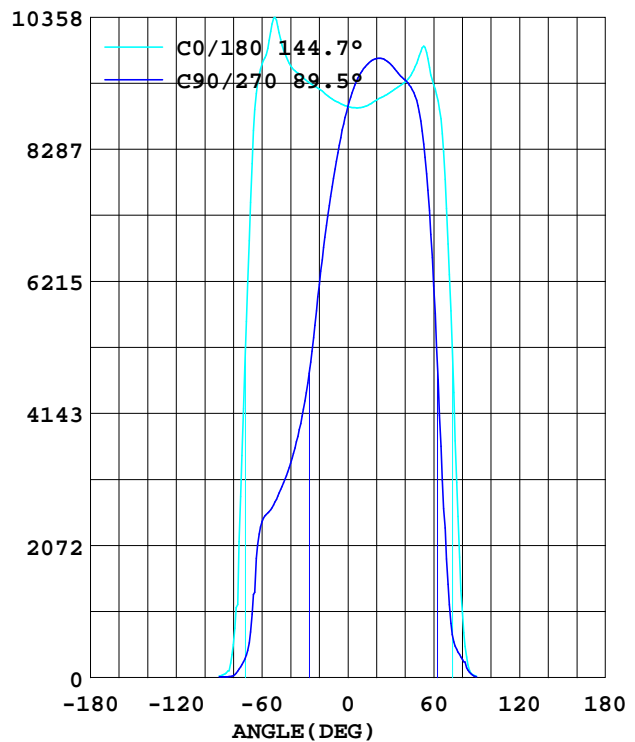
MANUFACTURER:			
Address:			
NAME: SA200-A44NN-HE		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 80X150DEG	SERIAL No.:

DATA OF LAMP		Imax(cd)	10930	S/MH(C0/180)	1.63
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.82
NOMINAL POWER(W)	196	TOTAL FLUX(lm)	31155	Voltage(V)	230.5
RATED VOLTAGE(V)	230	EFFICIENCY(lm/W)	159.0	Current(A)	0.860
NOMINAL FLUX(lm)	31154.8	η up(%)	0.0	Power(W)	196.0
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.988
TEST VOLTAGE(V)	230.5	Effective Flux(lm)	31154.8	EEI	0.094

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



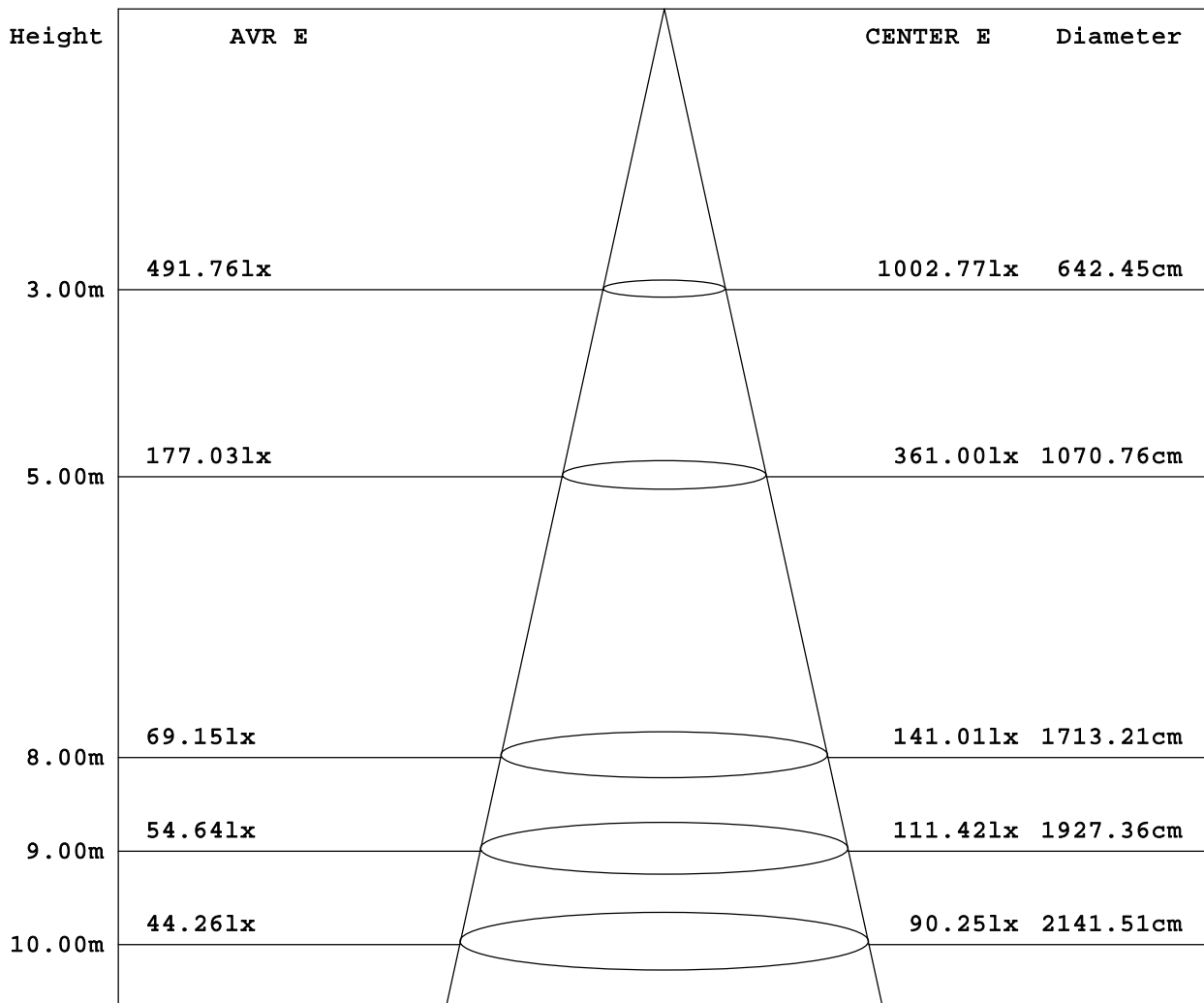
Test System:HOP00
 Temperature:25.3DEG
 Operators:
 Test Date:2023.12.19

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

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:			
Address:			
NAME: SA200-A44NN-HE		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 80X150DEG	SERIAL No.:



Angle: 93.9deg

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:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: SA200-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	900.0	873.2	847.0	853.7	893.7	915.7	929.8	926.2	0- 5	213.7	213.7
10.0	905.9	847.4	783.0	799.6	894.6	935.3	951.9	946.7	5- 10	635.2	849.0
15.0	914.1	821.6	708.7	738.3	898.9	952.2	964.9	958.5	10- 15	1040	1889
20.0	923.1	792.9	616.4	664.1	905.7	967.4	970.9	964.6	15- 20	1418	3307
25.0	930.0	756.8	512.0	574.8	911.7	982.0	970.2	964.8	20- 25	1758	5065
30.0	938.4	716.4	434.1	475.7	918.5	993.5	961.6	959.7	25- 30	2056	7122
35.0	948.0	664.7	378.3	397.5	926.2	1004	948.6	950.7	30- 35	2322	9444
40.0	959.6	603.2	336.2	343.5	934.1	1016	937.0	940.3	35- 40	2563	12007
45.0	984.5	537.3	305.4	303.2	948.6	1031	921.9	930.9	40- 45	2786	14793
50.0	1031	463.6	279.4	270.2	975.2	1060	887.0	916.4	45- 50	2995	17788
55.0	999.6	386.1	260.5	241.1	980.4	1091	790.1	865.4	50- 55	3143	20931
60.0	962.4	302.5	244.8	218.6	929.6	1056	614.4	740.5	55- 60	3099	24030
65.0	891.0	245.6	133.7	170.6	876.4	979.2	362.7	500.2	60- 65	2835	26865
70.0	618.7	169.0	42.23	74.91	680.0	872.2	146.5	202.6	65- 70	2231	29096
75.0	283.9	62.46	17.00	19.30	371.2	539.7	49.23	58.30	70- 75	1368	30465
80.0	51.48	12.04	2.999	2.665	101.0	105.5	28.50	29.43	75- 80	550.6	31015
85.0	7.216	3.238	1.442	0.970	11.46	18.85	8.355	11.77	80- 85	117.6	31133
90.0	2.517	1.685	1.376	1.102	2.181	2.852	1.329	2.138	85- 90	21.89	31155
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: $\times 10\text{cd}$									UNIT:lm	

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

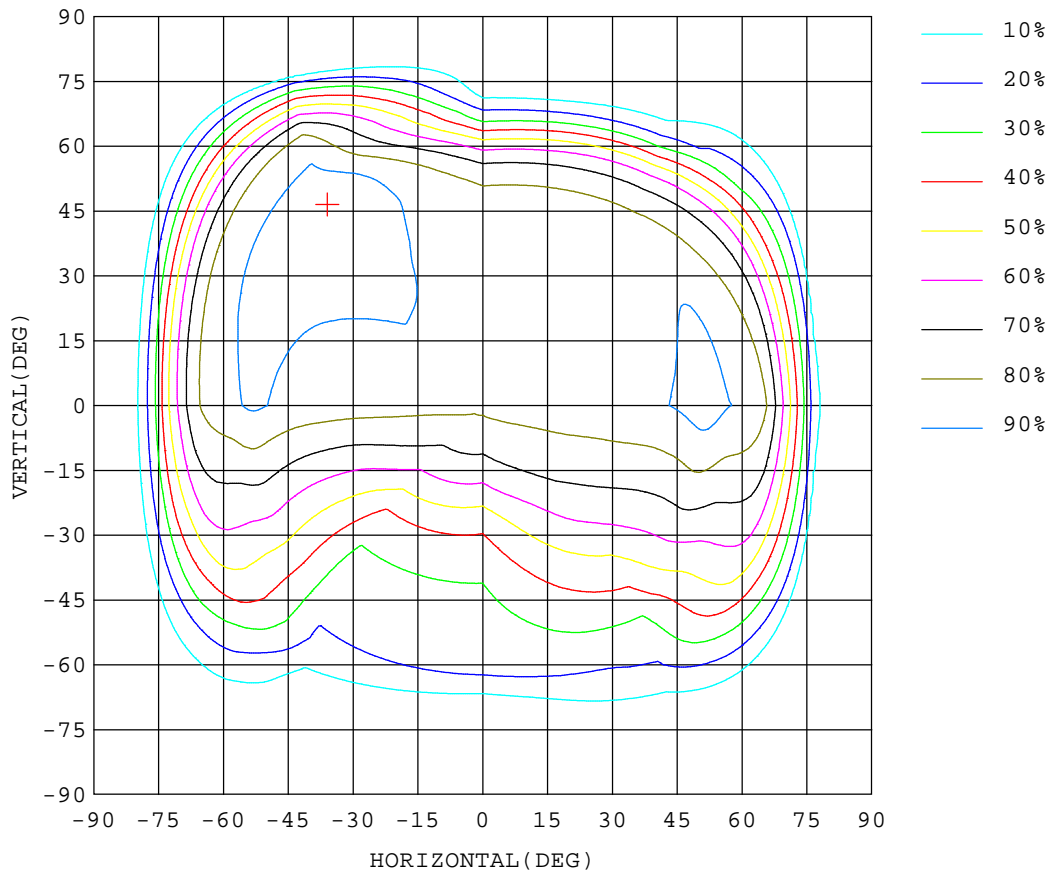
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: SA200-A44NN-HE		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 80X150DEG	SERIAL No.:

UNIT: cd



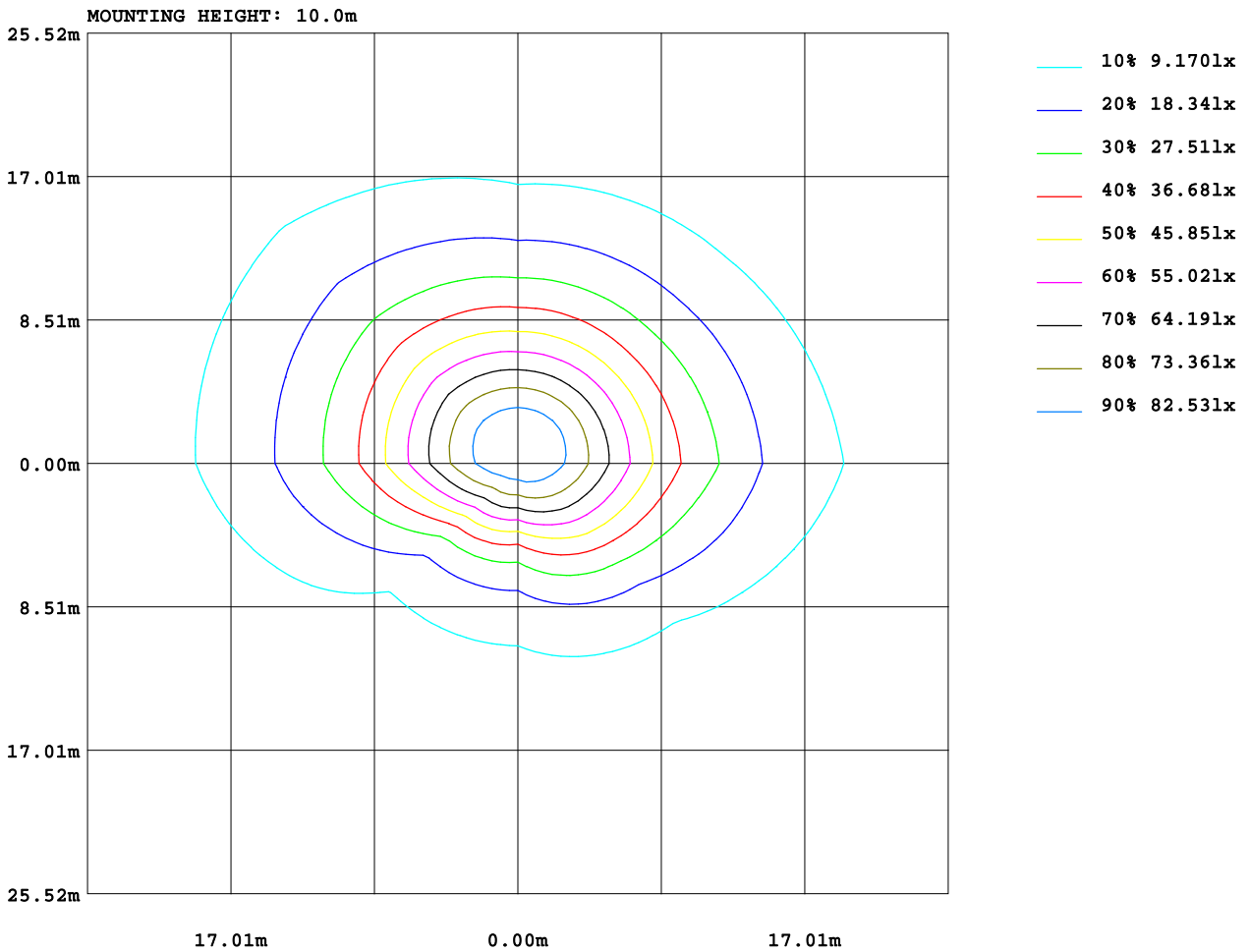
Test System:HOP00
 Temperature:25.3DEG
 Operators:
 Test Date:2023.12.19

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: SA200-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)
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LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: SA200-A44NN-HE		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 80X150DEG	SERIAL No.:

UNIT: $\times 10\text{cd}$

γ (DEG)	C (DEG)							
	0	45	90	135	180	225	270	315
0.0	896	896	896	896	896	896	896	896
5.0	900	873	847	854	894	916	930	926
10.0	906	847	783	800	895	935	952	947
15.0	914	822	709	738	899	952	965	959
20.0	923	793	616	664	906	967	971	965
25.0	930	757	512	575	912	982	970	965
30.0	938	716	434	476	919	994	962	960
35.0	948	665	378	398	926	1004	949	951
40.0	960	603	336	344	934	1016	937	940
45.0	985	537	305	303	949	1031	922	931
50.0	1031	464	279	270	975	1060	887	916
55.0	1000	386	261	241	980	1091	790	865
60.0	962	303	245	219	930	1056	614	741
65.0	891	246	134	171	876	979	363	500
70.0	619	169	42.2	74.9	680	872	147	203
75.0	284	62.4	17.0	19.3	371	540	49.2	58.3
80.0	51.4	12.0	2.99	2.66	101	106	28.5	29.4
85.0	7.21	3.23	1.44	0.97	11.4	18.8	8.35	11.7
90.0	2.51	1.68	1.37	1.10	2.18	2.85	1.32	2.13

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