

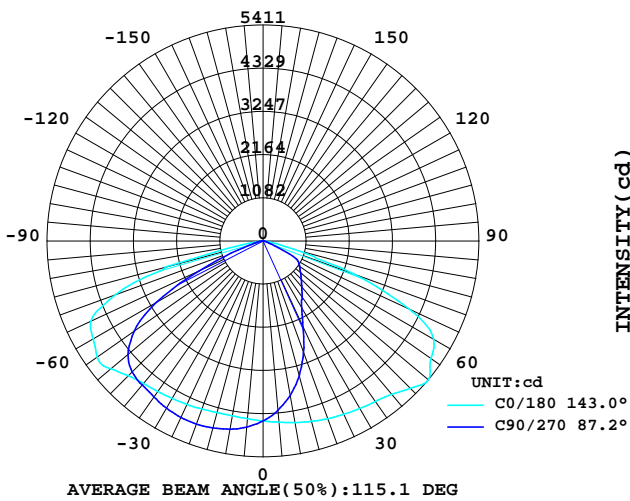
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

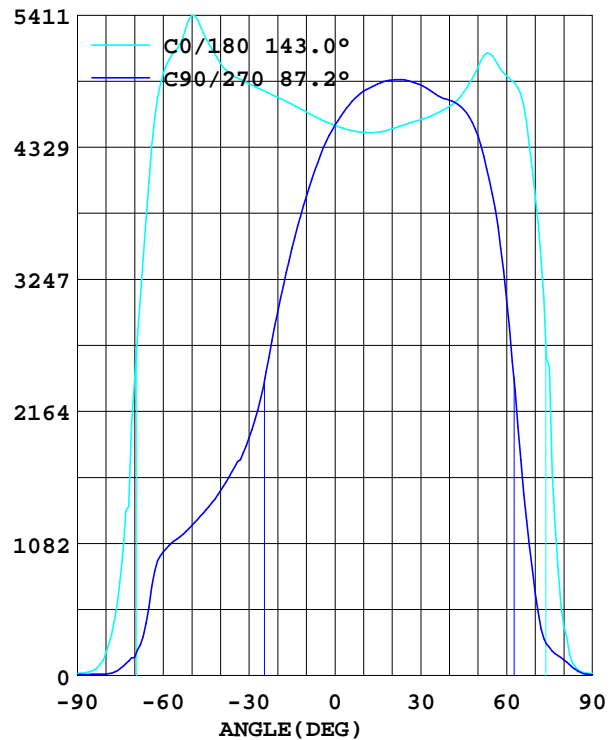
MANUFACTURER:			
Address:			
NAME: SA100-A44NN-HE		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 80x150deg	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	5411	S/MH(C0/180)	1.68
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.79
NOMINAL POWER(W)	98	TOTAL FLUX(lm)	14725	Voltage(V)	231.0
RATED VOLTAGE(V)	232	EFFICIENCY(lm/W)	150.8	Current(A)	0.433
NOMINAL FLUX(lm)	14725.0	η up(%)	0.0	Power(W)	97.65
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.974
TEST VOLTAGE(V)	231.0	Effective Flux(lm)	14725.0	EEI	0.090

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



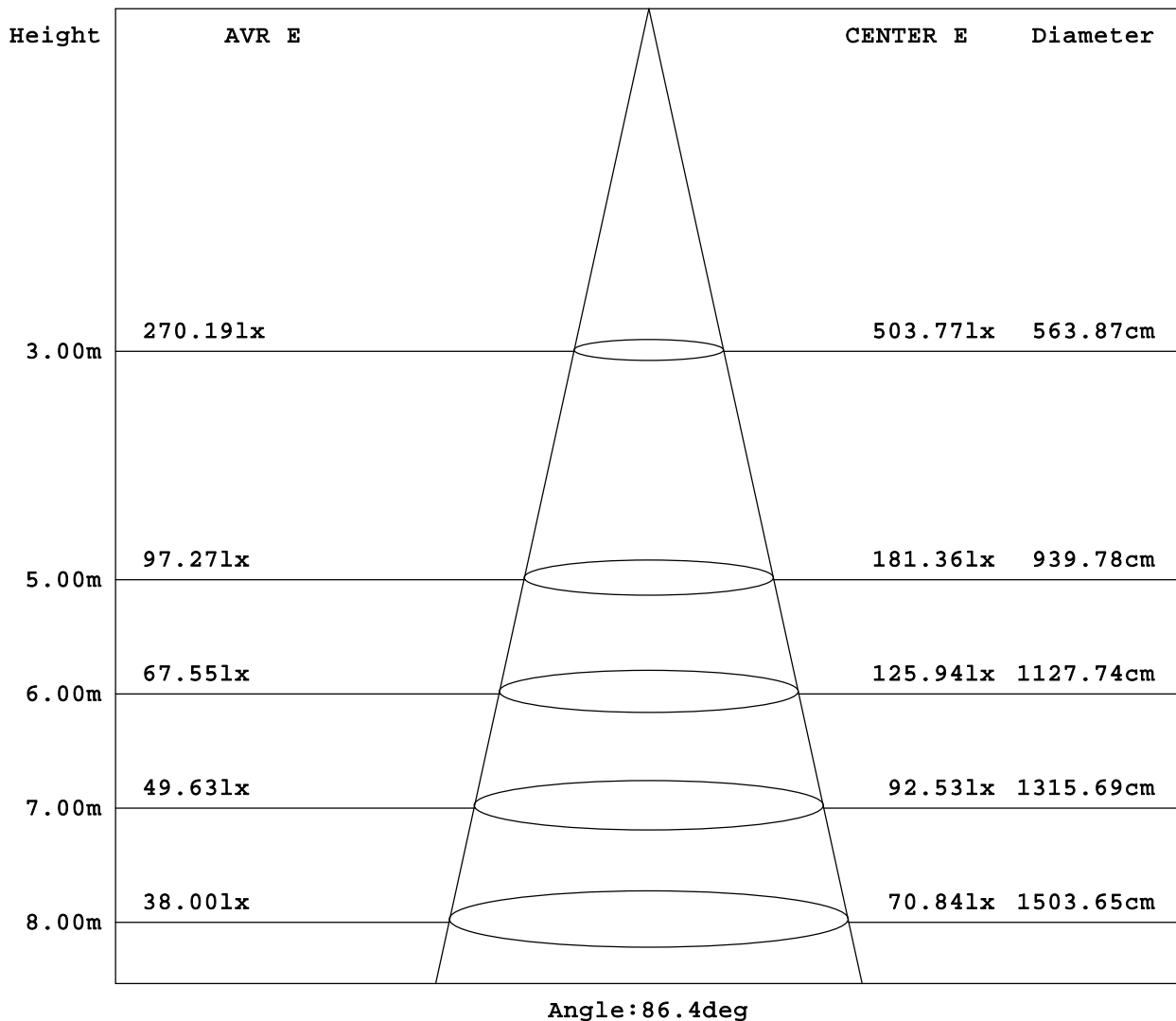
Test System:HOP00
 Temperature:25.3DEG
 Operators:
 Test Date:2023.12.19

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: SA100-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: SA100-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	4558	4369	4265	4283	4470	4614	4676	4683	0- 5	107.5	107.5
10.0	4619	4180	3924	3991	4450	4707	4787	4815	5- 10	319.2	426.8
15.0	4680	3968	3504	3668	4451	4770	4848	4897	10- 15	520.9	947.7
20.0	4738	3684	2973	3273	4480	4825	4880	4957	15- 20	706.8	1655
25.0	4794	3311	2366	2811	4519	4872	4878	4990	20- 25	870.1	2525
30.0	4849	2880	1950	2288	4556	4908	4839	4994	25- 30	1009	3534
35.0	4909	2342	1710	1863	4601	4920	4767	4972	30- 35	1128	4662
40.0	5019	1845	1511	1576	4664	4902	4714	4928	35- 40	1235	5897
45.0	5216	1526	1360	1369	4779	4870	4639	4874	40- 45	1337	7234
50.0	5411	1303	1229	1195	4982	4857	4425	4807	45- 50	1438	8673
55.0	5138	1097	1121	1033	5078	4822	3940	4561	50- 55	1501	10173
60.0	4935	911.6	1015	910.5	4914	4626	3092	3923	55- 60	1485	11658
65.0	4035	729.5	556.5	743.4	4764	3874	1767	2697	60- 65	1344	13002
70.0	2409	353.2	148.2	346.1	3929	2707	672.3	1103	65- 70	976.1	13978
75.0	807.6	107.0	57.83	98.18	2533	968.0	233.1	281.5	70- 75	524.1	14502
80.0	188.5	34.67	12.83	17.51	405.2	182.0	131.0	133.3	75- 80	172.0	14674
85.0	36.00	9.320	10.62	7.106	45.94	60.23	34.38	50.34	80- 85	40.25	14715
90.0	17.40	8.619	10.02	7.106	16.60	16.53	7.117	13.31	85- 90	10.25	14725
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:HOPPOO
Temperature:25.3DEG
Operators:
Test Date:2023.12.19

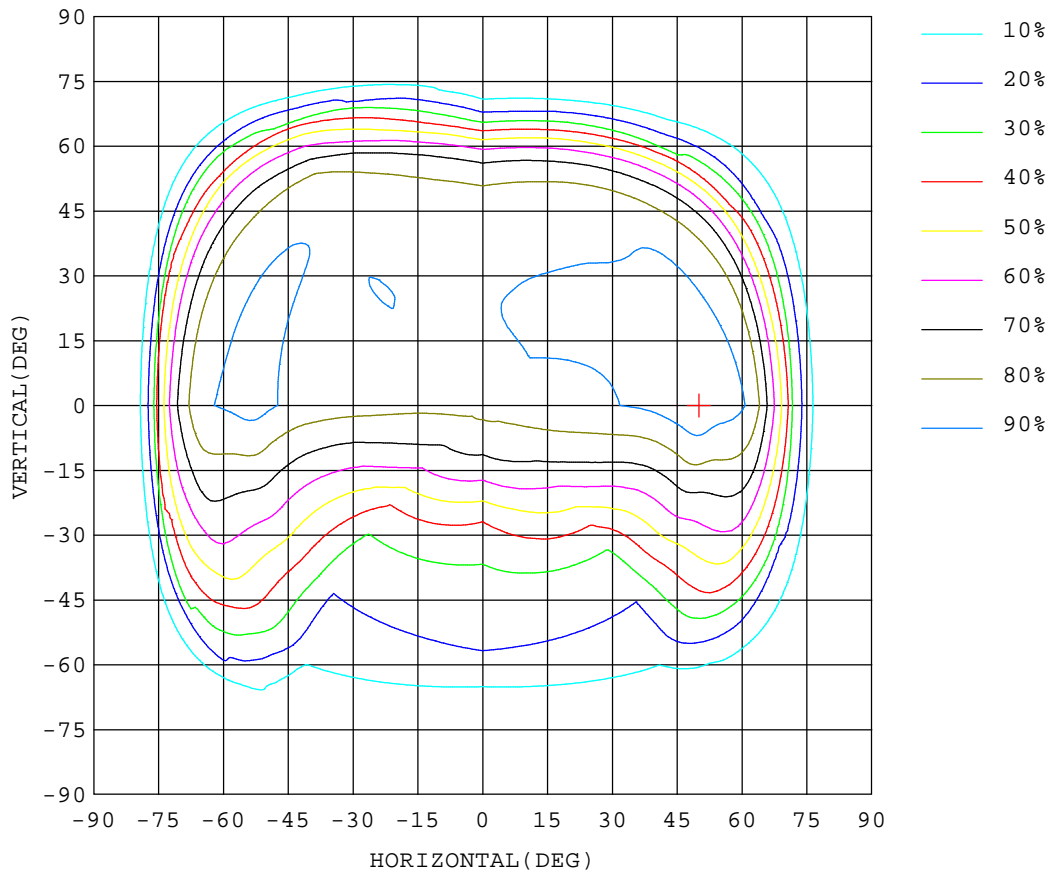
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: SA100-A44NN-HE		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 80x150deg	SERIAL No.:

UNIT: cd



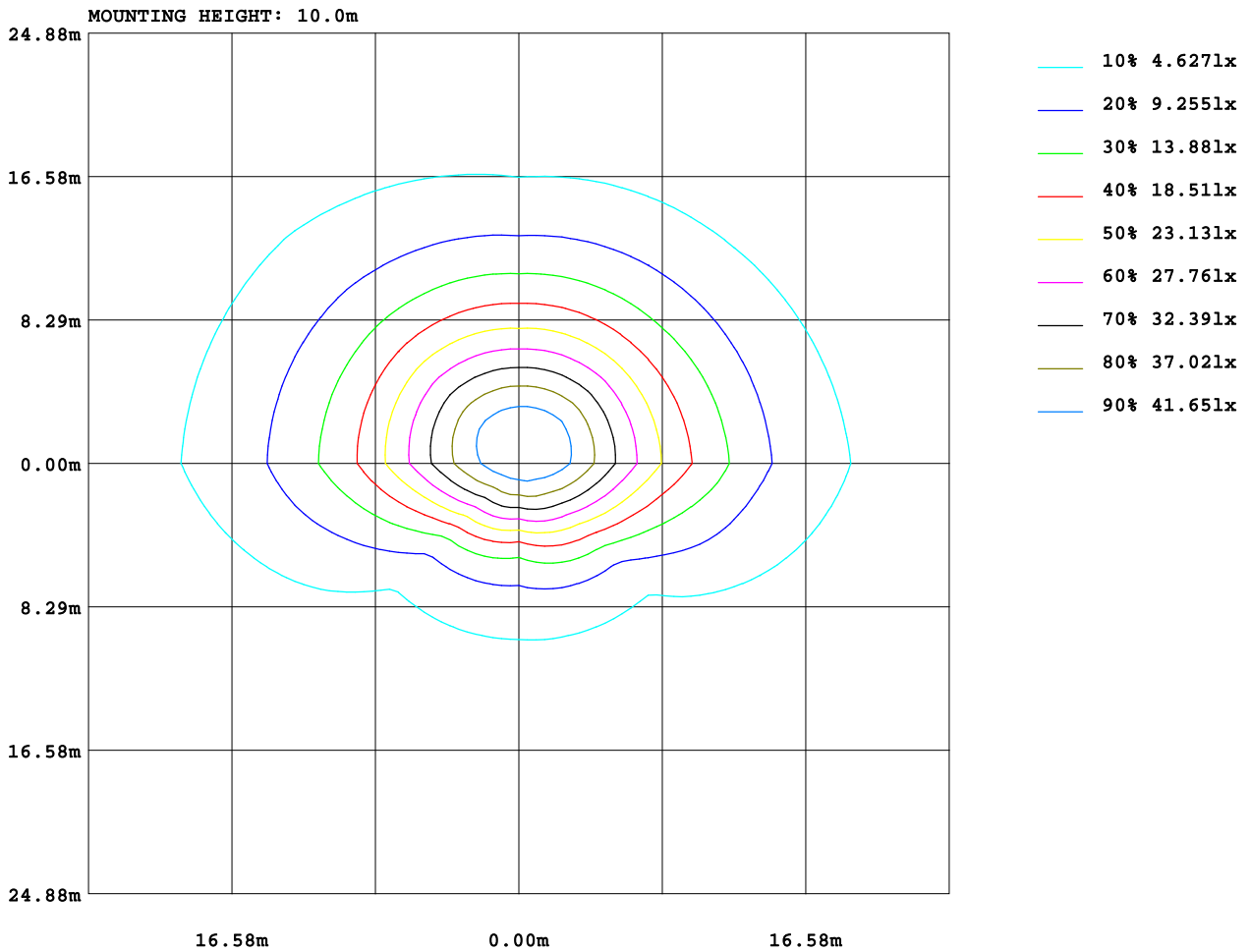
Test System:HOP00
 Temperature:25.3DEG
 Operators:
 Test Date:2023.12.19

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

ISOLUX DIAGRAM

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Address:			
NAME: SA100-A44NN-HE		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 80x150deg	SERIAL No.:



Test System:HOP00
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LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: SA100-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	4509	4509	4509	4509	4509	4509	4509	4509
5.0	4558	4369	4265	4283	4470	4614	4676	4683
10.0	4619	4180	3924	3991	4450	4707	4787	4815
15.0	4680	3968	3504	3668	4451	4770	4848	4897
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50.0	5411	1303	1229	1195	4982	4857	4425	4807
55.0	5138	1097	1121	1033	5078	4822	3940	4561
60.0	4935	912	1015	911	4914	4626	3092	3923
65.0	4035	730	557	743	4764	3874	1767	2697
70.0	2409	353	148	346	3929	2707	672	1103
75.0	808	107	57.8	98.1	2533	968	233	282
80.0	189	34.6	12.8	17.5	405	182	131	133
85.0	36.0	9.32	10.6	7.10	45.9	60.2	34.3	50.3
90.0	17.4	8.61	10.0	7.10	16.6	16.5	7.11	13.3

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