

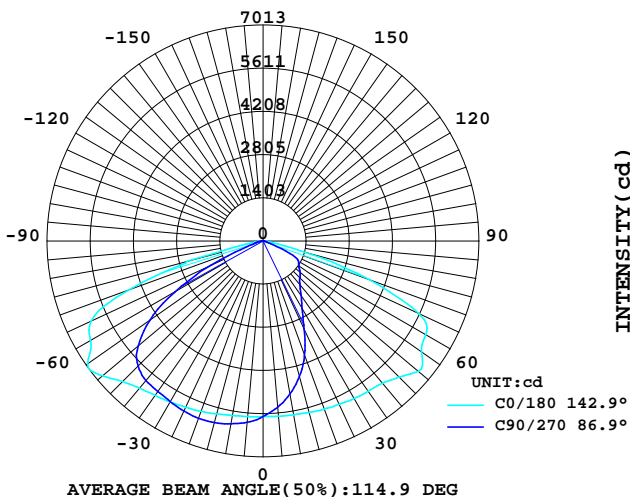
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

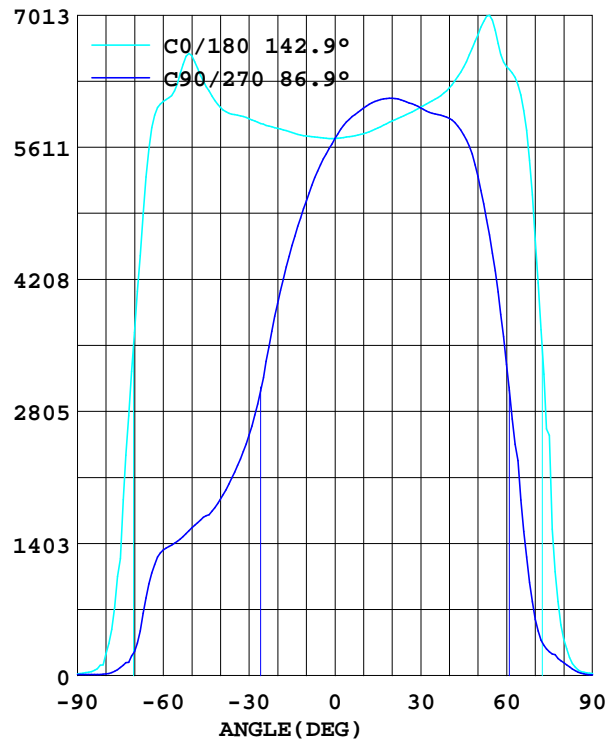
MANUFACTURER:			
Address:			
NAME: SA120-A44NN-HE		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 80X150DEG	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	7013	S/MH(C0/180)	1.60
MODEL		EFFICIENCY(%)	133.2	S/MH(C90/270)	0.82
NOMINAL POWER(W)	120	TOTAL FLUX(lm)	18227	Voltage(V)	230.5
RATED VOLTAGE(V)	230	EFFICIENCY(lm/W)	151.6	Current(A)	0.531
NOMINAL FLUX(lm)	13688.1	η up(%)	0.0	Power(W)	120.1
LAMPS QUANTITY	1	η down(%)	133.2	Power Factor(PF)	0.981
TEST VOLTAGE(V)	230.5	Effective Flux(lm)	18226.7	EEI	0.090

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



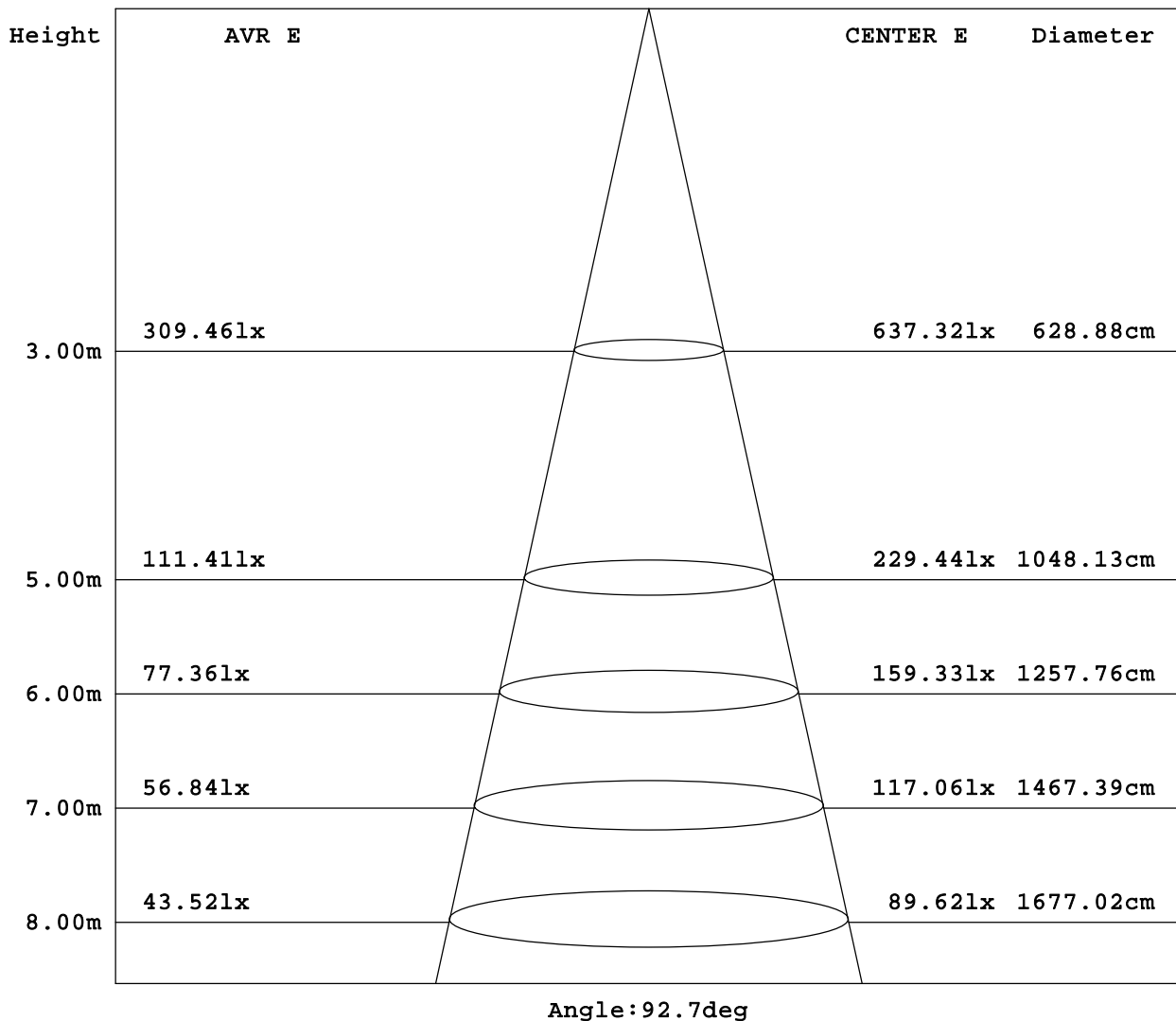
Test System:HOPPO
 Temperature:25.3DEG
 Operators:
 Test Date:2023.12.19

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: SA120-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:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: SA120-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	5713	5512	5426	5468	5723	5877	5908	5876	0- 5	136.2	136.2
10.0	5730	5288	5040	5166	5755	5994	6026	5975	5- 10	404.6	540.8
15.0	5766	5026	4568	4789	5816	6099	6109	6052	10- 15	661.3	1202
20.0	5812	4715	3948	4323	5890	6177	6131	6081	15- 20	899.7	2102
25.0	5854	4304	3163	3745	5958	6225	6093	6065	20- 25	1108	3210
30.0	5914	3801	2556	3024	6035	6231	6028	6014	25- 30	1281	4492
35.0	5956	3111	2159	2366	6120	6217	5965	5955	30- 35	1425	5916
40.0	6034	2378	1870	1996	6242	6191	5916	5899	35- 40	1550	7466
45.0	6253	1943	1698	1728	6461	6170	5742	5830	40- 45	1674	9140
50.0	6583	1652	1568	1523	6806	6105	5302	5635	45- 50	1797	10937
55.0	6284	1419	1425	1341	6961	5924	4485	5082	50- 55	1863	12799
60.0	6099	1195	1334	1185	6468	5422	3305	4114	55- 60	1797	14597
65.0	5589	941.5	973.2	973.3	6166	4357	1866	2468	60- 65	1617	16214
70.0	3643	626.9	254.5	430.3	4623	2638	595.5	825.3	65- 70	1178	17392
75.0	1242	160.8	86.95	72.76	2553	696.1	252.5	285.2	70- 75	600.4	17992
80.0	232.3	45.30	17.10	12.07	384.3	189.1	136.5	147.2	75- 80	179.4	18172
85.0	42.68	10.17	11.81	8.244	59.25	68.04	36.32	52.34	80- 85	42.95	18215
90.0	19.43	9.213	10.85	7.669	20.48	18.14	8.455	14.18	85- 90	11.84	18227
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

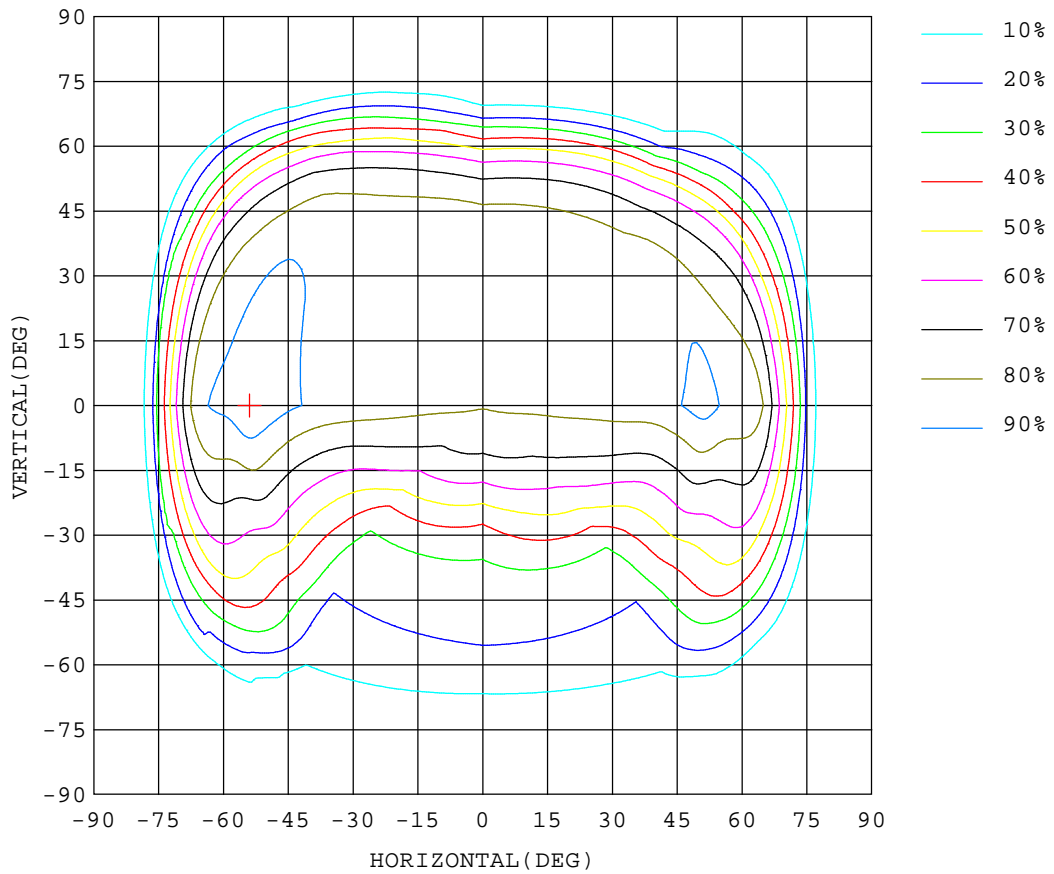
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: SA120-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

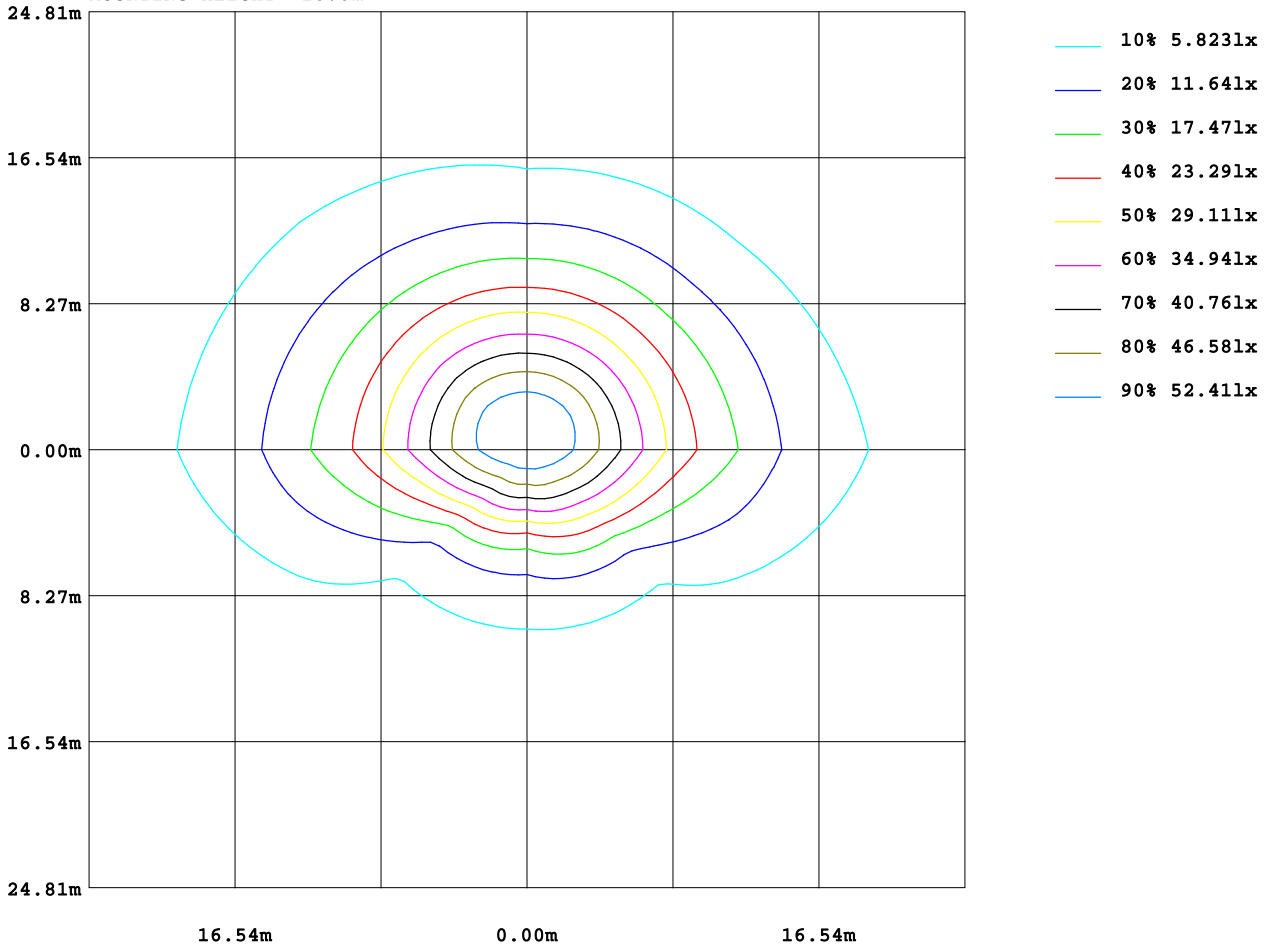
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: SA120-A44NN-HE		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 80X150DEG	SERIAL No.:

MOUNTING HEIGHT: 10.0m



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: SA120-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	5704	5704	5704	5704	5704	5704	5704	5704
5.0	5713	5512	5426	5468	5723	5877	5908	5876
10.0	5730	5288	5040	5166	5755	5994	6026	5975
15.0	5766	5026	4568	4789	5816	6099	6109	6052
20.0	5812	4715	3948	4323	5890	6177	6131	6081
25.0	5854	4304	3163	3745	5958	6225	6093	6065
30.0	5914	3801	2556	3024	6035	6231	6028	6014
35.0	5956	3111	2159	2366	6120	6217	5965	5955
40.0	6034	2378	1870	1996	6242	6191	5916	5899
45.0	6253	1943	1698	1728	6461	6170	5742	5830
50.0	6583	1652	1568	1523	6806	6105	5302	5635
55.0	6284	1419	1425	1341	6961	5924	4485	5082
60.0	6099	1195	1334	1185	6468	5422	3305	4114
65.0	5589	942	973	973	6166	4357	1866	2468
70.0	3643	627	255	430	4623	2638	596	825
75.0	1242	161	86.9	72.7	2553	696	253	285
80.0	232	45.3	17.1	12.0	384	189	137	147
85.0	42.6	10.1	11.8	8.24	59.2	68.0	36.3	52.3
90.0	19.4	9.21	10.8	7.66	20.4	18.1	8.45	14.1

Test System:HOP00
Temperature:25.3DEG
Operators:
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Test Set: 5.0deg/s C-Gamma (TYPE C)
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