

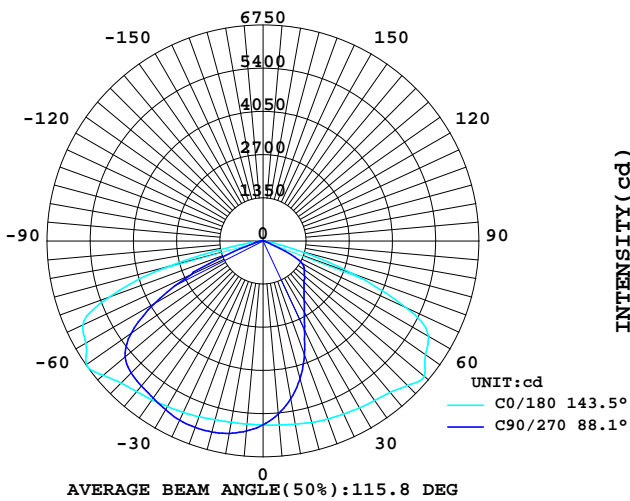
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

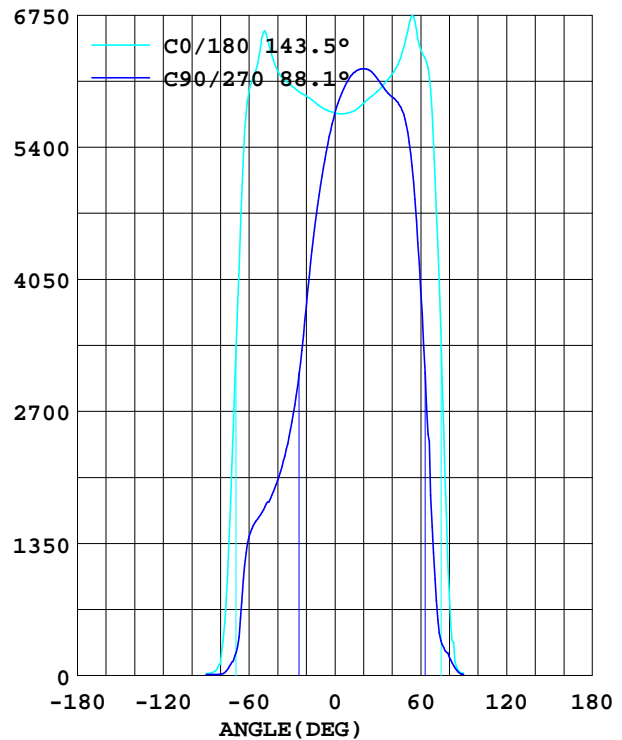
MANUFACTURER:			
Address:			
NAME: SA120-A44NN-HE		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 80X150DEG	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	6750	S/MH(C0/180)	1.63
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.79
NOMINAL POWER(W)	120	TOTAL FLUX(lm)	18955	Voltage(V)	230.6
RATED VOLTAGE(V)	230	EFFICIENCY(lm/W)	158.9	Current(A)	0.527
NOMINAL FLUX(lm)	18954.6	η up(%)	0.0	Power(W)	119.3
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.981
TEST VOLTAGE(V)	230.7	Effective Flux(lm)	18954.6	EEI	0.094

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



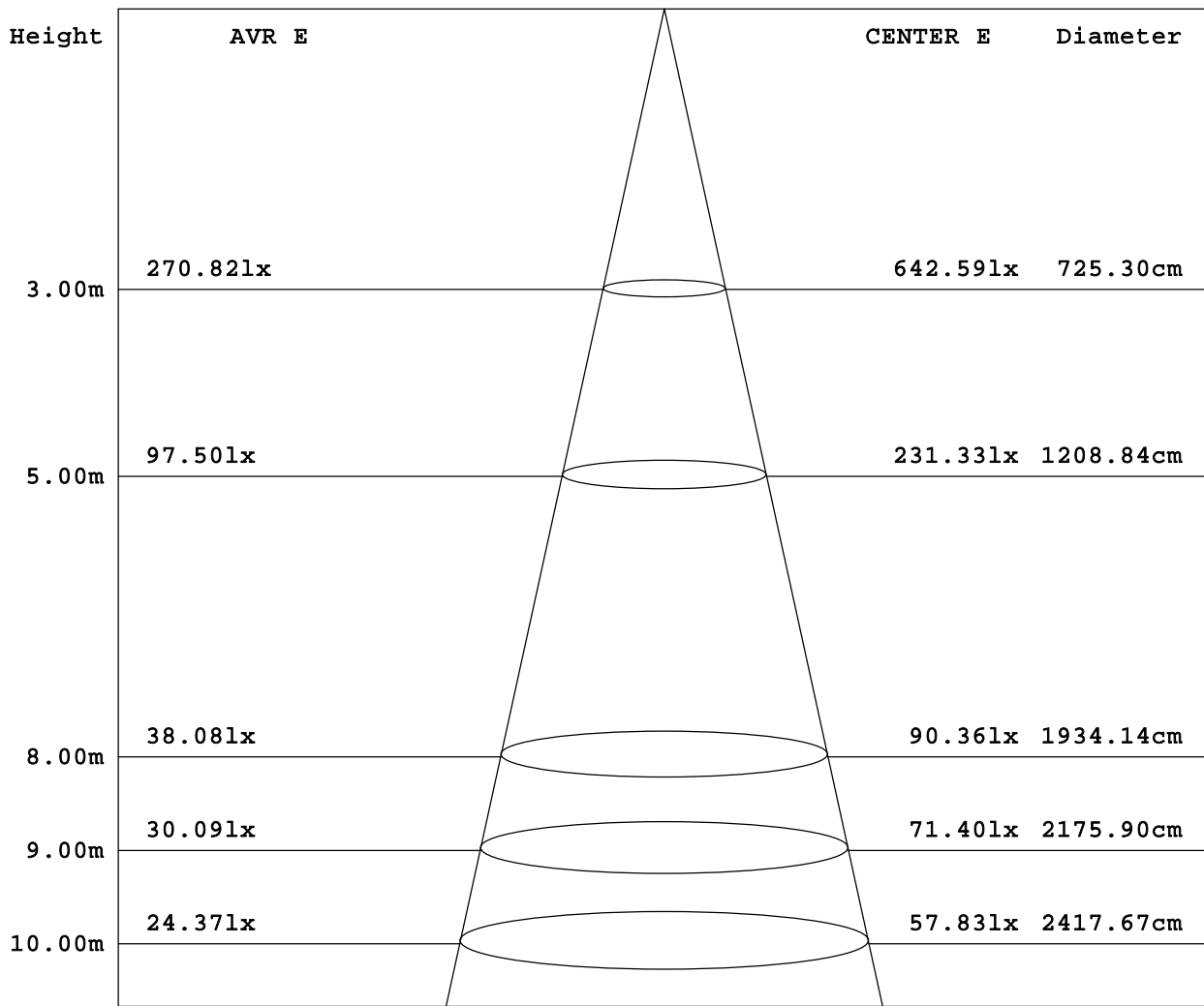
Test System:HOPPO
 Temperature:25.3DEG
 Operators:
 Test Date:2023.12.19

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.:



Angle:100.8deg

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	5774	5547	5433	5478	5742	5903	5956	5938	0- 5	137.1	137.1
10.0	5814	5304	5008	5130	5753	6037	6103	6081	5- 10	406.9	544.0
15.0	5872	5029	4475	4730	5787	6147	6181	6164	10- 15	664.5	1209
20.0	5923	4669	3775	4230	5848	6224	6202	6196	15- 20	901.2	2110
25.0	5968	4206	3074	3614	5912	6280	6178	6199	20- 25	1108	3218
30.0	6026	3620	2595	2960	5976	6312	6094	6171	25- 30	1284	4502
35.0	6084	2942	2248	2456	6057	6308	5994	6110	30- 35	1434	5936
40.0	6181	2367	1993	2103	6148	6279	5914	6045	35- 40	1568	7504
45.0	6387	2028	1811	1878	6279	6246	5832	5990	40- 45	1700	9204
50.0	6576	1748	1693	1666	6525	6246	5630	5903	45- 50	1833	11037
55.0	6194	1501	1583	1478	6735	6218	5040	5602	50- 55	1919	12957
60.0	5970	1244	1422	1320	6397	6006	3942	4864	55- 60	1902	14858
65.0	4914	960.9	752.0	1055	6219	5299	2469	3524	60- 65	1738	16596
70.0	2959	455.4	198.4	483.4	5080	3944	987.4	1380	65- 70	1298	17893
75.0	1035	115.3	65.09	122.2	3014	1904	317.4	346.4	70- 75	722.9	18616
80.0	119.7	36.17	13.84	22.01	790.7	351.2	186.3	153.4	75- 80	262.5	18879
85.0	35.79	10.42	11.53	7.706	89.87	98.60	56.96	63.65	80- 85	61.22	18940
90.0	19.88	10.92	11.33	8.306	23.56	22.44	10.83	15.31	85- 90	14.36	18955
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:HOP00
Temperature:25.3DEG
Operators:
Test Date:2023.12.19

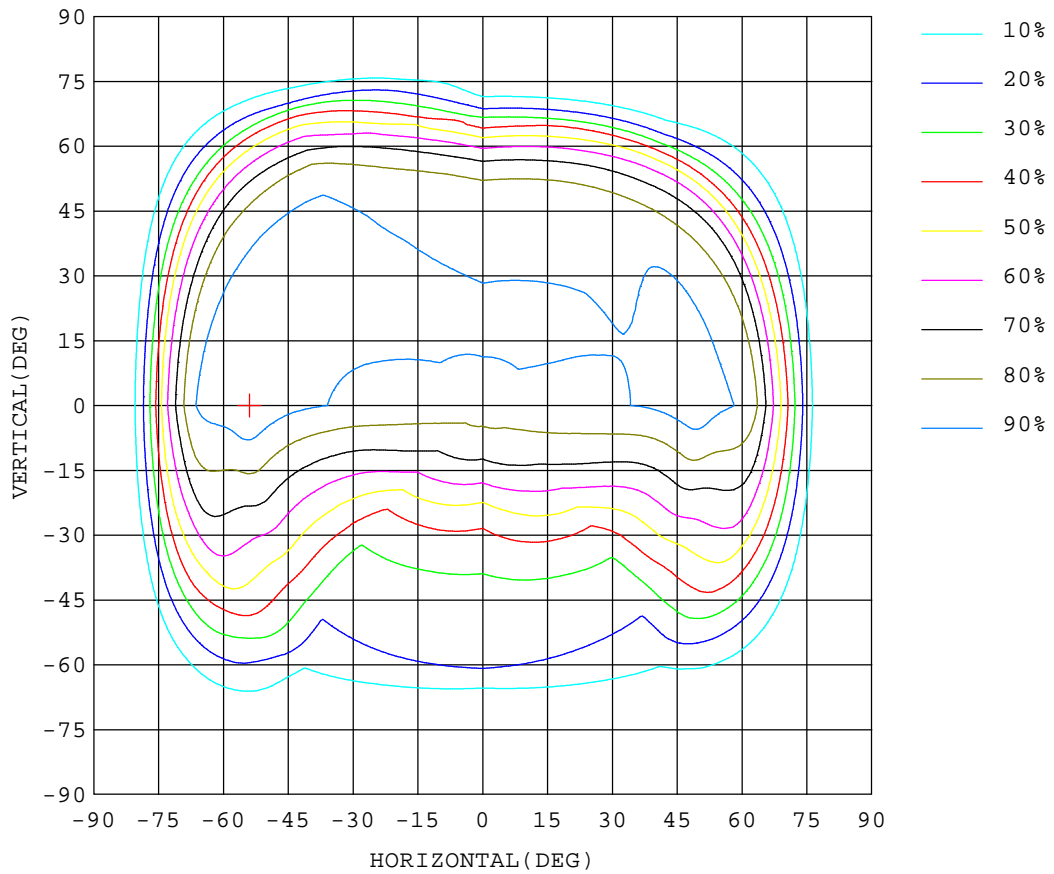
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

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

UNIT: cd



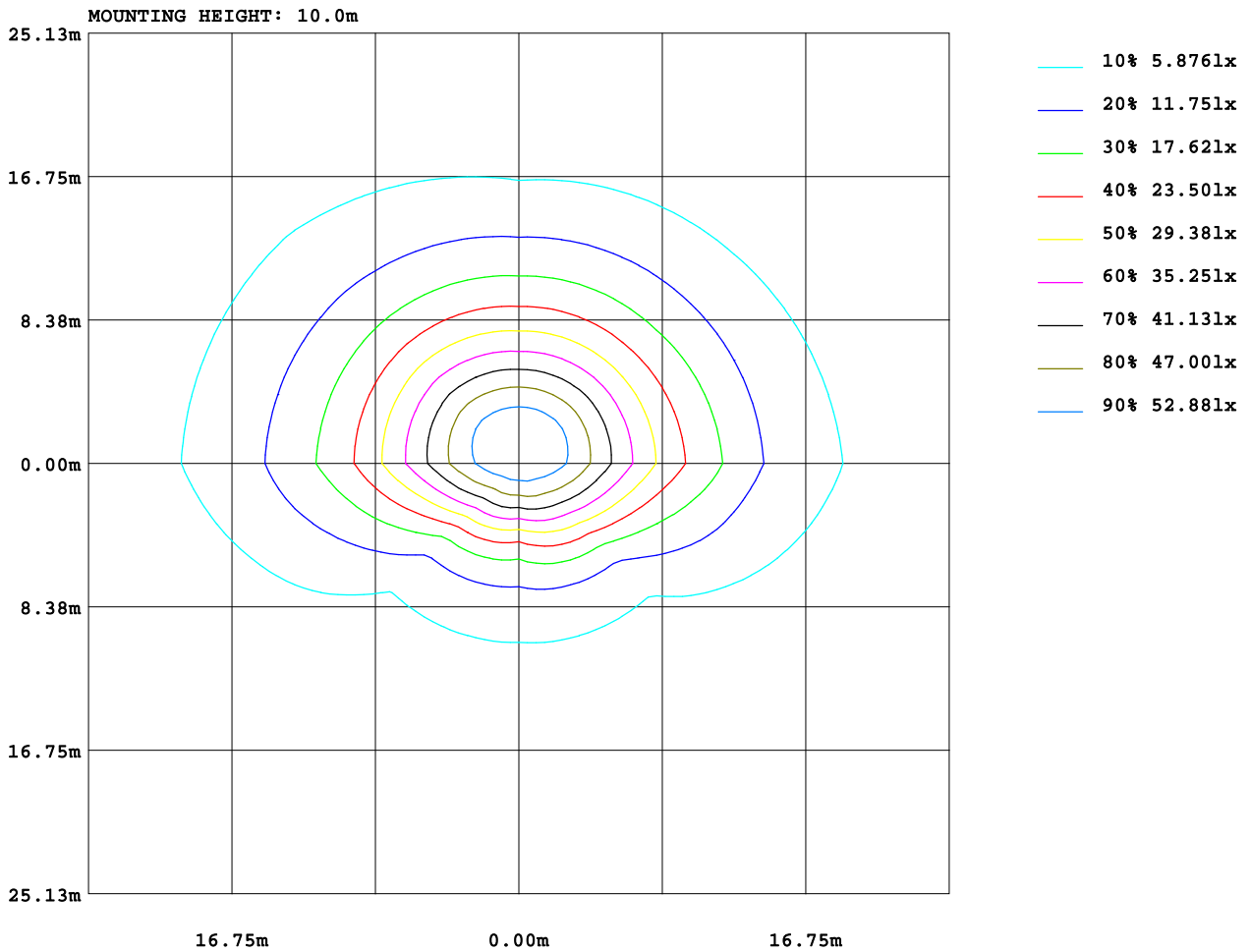
Test System:HOP00
 Temperature:25.3DEG
 Operators:
 Test Date:2023.12.19

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.:



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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 Test Distance:10.000 m
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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	5750	5750	5750	5750	5750	5750	5750	5750
5.0	5774	5547	5433	5478	5742	5903	5956	5938
10.0	5814	5304	5008	5130	5753	6037	6103	6081
15.0	5872	5029	4475	4730	5787	6147	6181	6164
20.0	5923	4669	3775	4230	5848	6224	6202	6196
25.0	5968	4206	3074	3614	5912	6280	6178	6199
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55.0	6194	1501	1583	1478	6735	6218	5040	5602
60.0	5970	1244	1422	1320	6397	6006	3942	4864
65.0	4914	961	752	1055	6219	5299	2469	3524
70.0	2959	455	198	483	5080	3944	987	1380
75.0	1035	115	65.0	122	3014	1904	317	346
80.0	120	36.1	13.8	22.0	791	351	186	153
85.0	35.7	10.4	11.5	7.70	89.8	98.6	56.9	63.6
90.0	19.8	10.9	11.3	8.30	23.5	22.4	10.8	15.3

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