

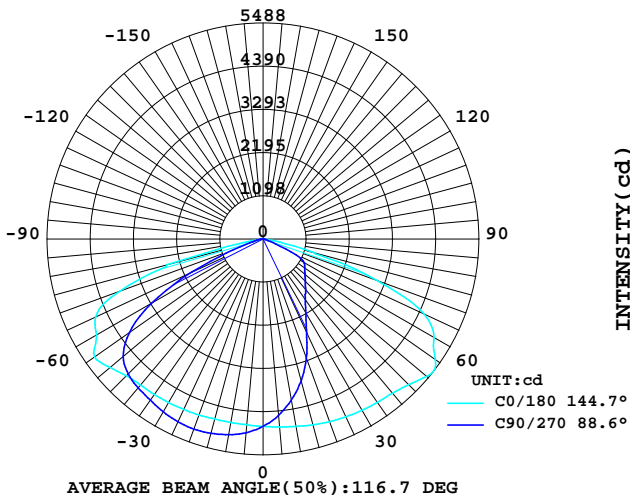
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

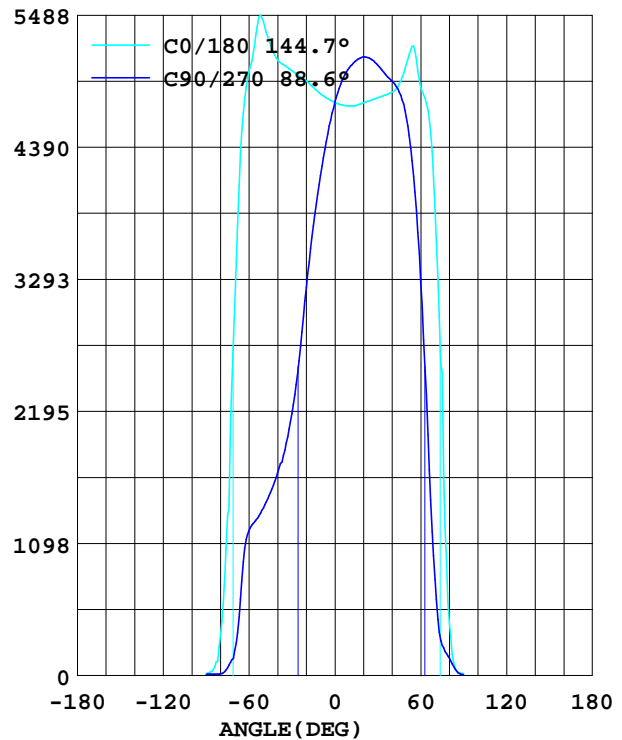
MANUFACTURER:			
Address:			
NAME: SA100-A44NN-HE		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 80X150DEG	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	5488	S/MH(C0/180)	1.63
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.81
NOMINAL POWER(W)	98	TOTAL FLUX(lm)	15654	Voltage(V)	230.8
RATED VOLTAGE(V)	230	EFFICIENCY(lm/W)	159.7	Current(A)	0.434
NOMINAL FLUX(lm)	15653.7	η up(%)	0.0	Power(W)	97.98
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.977
TEST VOLTAGE(V)	230.8	Effective Flux(lm)	15653.7	EEL	0.094

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



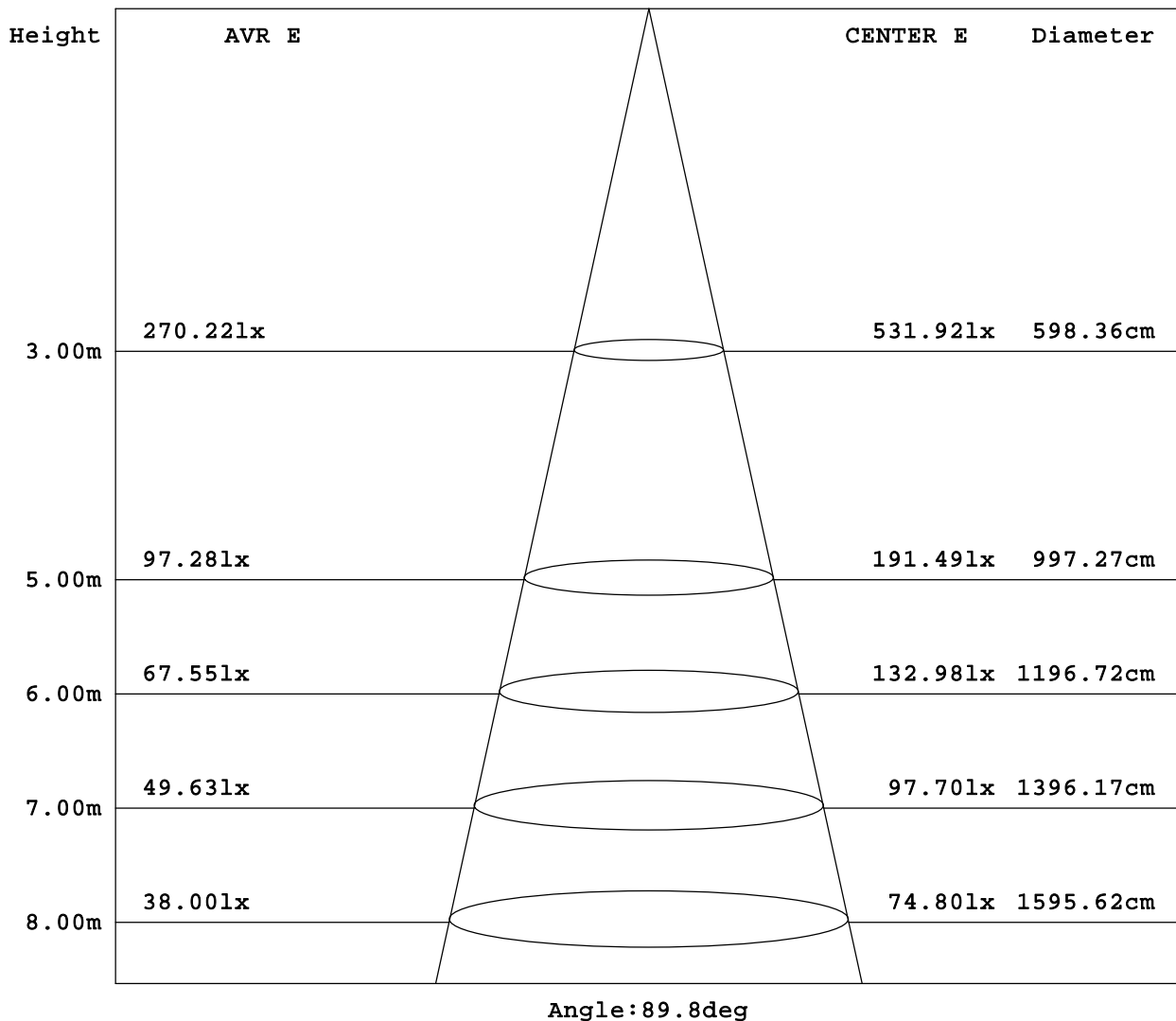
Test System:HOPPO
 Temperature:25.3DEG
 Operators:
 Test Date:2023.12.19

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: 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	4794	4595	4503	4527	4741	4888	4940	4937	0- 5	113.6	113.6
10.0	4835	4386	4155	4230	4734	4989	5051	5058	5- 10	337.0	450.6
15.0	4887	4159	3741	3895	4739	5052	5113	5136	10- 15	549.8	1000
20.0	4941	3880	3223	3494	4760	5098	5140	5184	15- 20	746.4	1747
25.0	4985	3530	2617	3021	4780	5133	5125	5200	20- 25	919.4	2666
30.0	5027	3114	2181	2470	4803	5150	5071	5188	25- 30	1066	3732
35.0	5068	2569	1875	2039	4823	5140	5001	5158	30- 35	1189	4922
40.0	5116	2111	1685	1737	4847	5113	4940	5119	35- 40	1298	6220
45.0	5240	1725	1523	1515	4916	5085	4848	5072	40- 45	1401	7621
50.0	5432	1480	1394	1341	5080	5064	4641	5007	45- 50	1500	9121
55.0	5340	1280	1294	1186	5231	5019	4148	4783	50- 55	1577	10698
60.0	5021	1109	1206	1076	4886	4829	3280	4202	55- 60	1563	12260
65.0	4519	899.5	786.2	872.8	4700	4265	2000	3077	60- 65	1438	13698
70.0	3077	535.7	207.9	382.3	3865	2973	797.1	1404	65- 70	1092	14790
75.0	1341	141.1	66.48	71.32	2527	1145	253.0	365.7	70- 75	603.7	15394
80.0	319.5	42.08	13.93	11.10	425.7	191.8	143.9	154.7	75- 80	202.6	15596
85.0	48.75	10.01	11.13	6.502	40.59	58.91	38.30	62.52	80- 85	46.17	15643
90.0	18.50	9.017	10.52	7.703	14.22	16.83	7.721	14.40	85- 90	11.04	15654
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

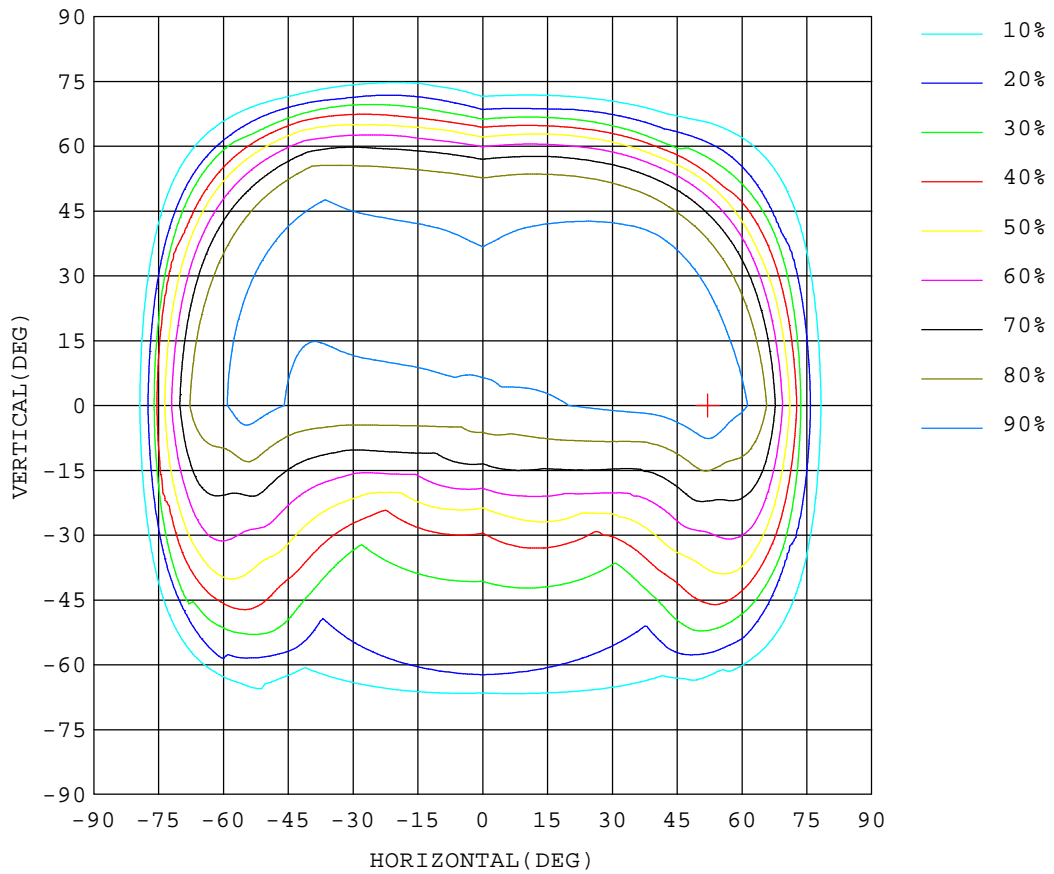
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: SA100-A44NN-HE		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 80X150DEG	SERIAL No.:

UNIT: cd



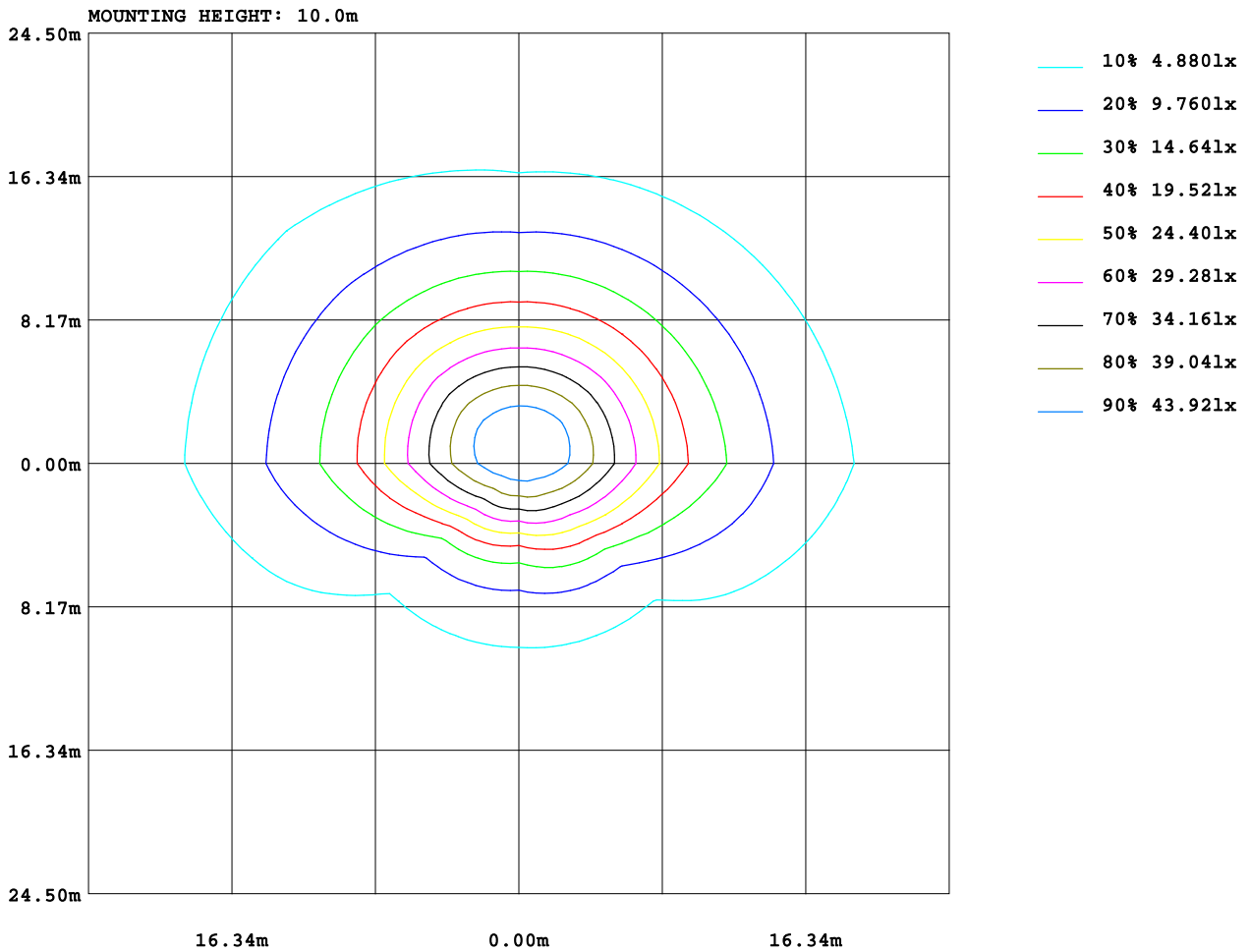
Test System:HOP00
 Temperature:25.3DEG
 Operators:
 Test Date:2023.12.19

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

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: SA100-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: 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	4763	4763	4763	4763	4763	4763	4763	4763
5.0	4794	4595	4503	4527	4741	4888	4940	4937
10.0	4835	4386	4155	4230	4734	4989	5051	5058
15.0	4887	4159	3741	3895	4739	5052	5113	5136
20.0	4941	3880	3223	3494	4760	5098	5140	5184
25.0	4985	3530	2617	3021	4780	5133	5125	5200
30.0	5027	3114	2181	2470	4803	5150	5071	5188
35.0	5068	2569	1875	2039	4823	5140	5001	5158
40.0	5116	2111	1685	1737	4847	5113	4940	5119
45.0	5240	1725	1523	1515	4916	5085	4848	5072
50.0	5432	1480	1394	1341	5080	5064	4641	5007
55.0	5340	1280	1294	1186	5231	5019	4148	4783
60.0	5021	1109	1206	1076	4886	4829	3280	4202
65.0	4519	900	786	873	4700	4265	2000	3077
70.0	3077	536	208	382	3865	2973	797	1404
75.0	1341	141	66.4	71.3	2527	1145	253	366
80.0	320	42.0	13.9	11.1	426	192	144	155
85.0	48.7	10.0	11.1	6.50	40.5	58.9	38.3	62.5
90.0	18.5	9.01	10.5	7.70	14.2	16.8	7.72	14.4

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

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