

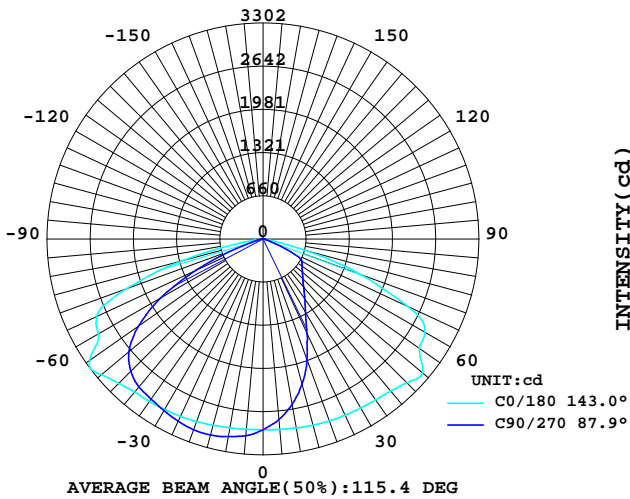
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

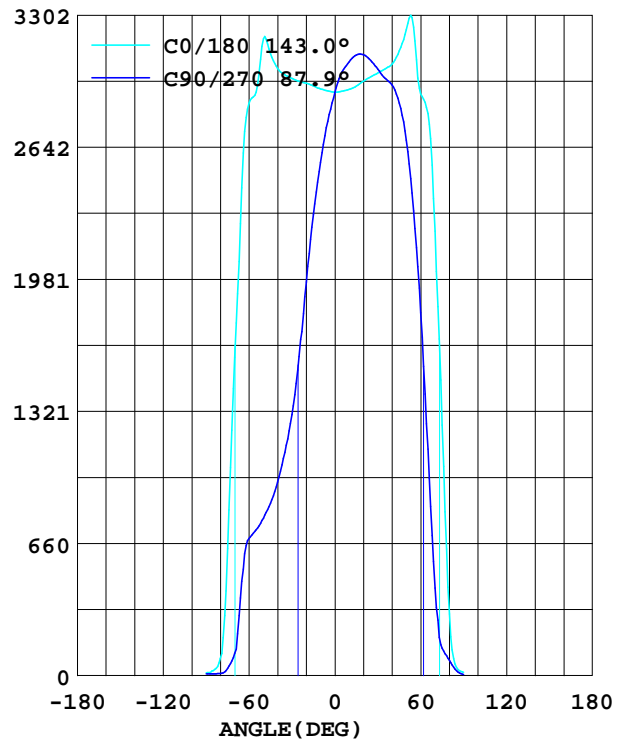
MANUFACTURER:			
Address:			
NAME: SA60-A44NN-HE		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 80x150DEG	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	3302	S/MH(C0/180)	1.59
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.80
NOMINAL POWER(W)	60	TOTAL FLUX(lm)	9184.0	Voltage(V)	230.8
RATED VOLTAGE(V)	230	EFFICIENCY(lm/W)	154.5	Current(A)	0.261
NOMINAL FLUX(lm)	9184.0	η up(%)	0.0	Power(W)	59.43
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.983
TEST VOLTAGE(V)	230.9	Effective Flux(lm)	9184.0	EEI	0.097

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



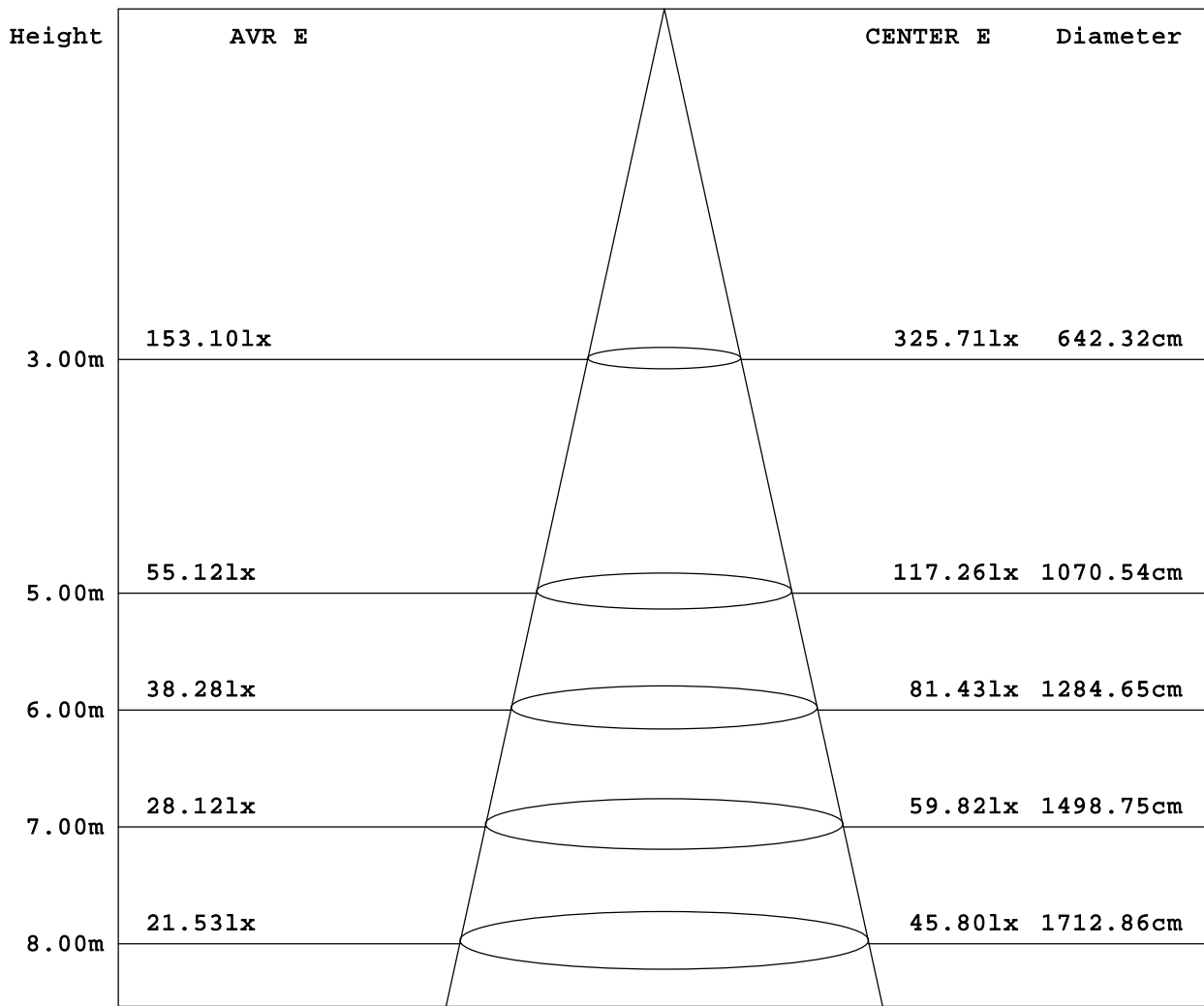
Test System:HOP00
 Temperature:25.3DEG
 Operators:
 Test Date:2023.12.19

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: SA60-A44NN-HE		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 80x150DEG	SERIAL No.:



Angle: 93.9deg

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: SA60-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	2923	2820	2772	2796	2921	3001	3018	3004	0- 5	69.62	69.62
10.0	2933	2704	2565	2637	2931	3055	3069	3050	5- 10	206.6	276.2
15.0	2948	2566	2305	2439	2948	3096	3103	3083	10- 15	336.8	613.1
20.0	2962	2398	1968	2196	2972	3122	3104	3094	15- 20	456.5	1070
25.0	2971	2185	1595	1934	2994	3134	3076	3080	20- 25	561.0	1631
30.0	2986	1956	1305	1574	3012	3128	3032	3049	25- 30	648.6	2279
35.0	3003	1607	1116	1241	3033	3110	2987	3013	30- 35	720.0	2999
40.0	3035	1247	967.6	1043	3058	3082	2953	2978	35- 40	781.2	3781
45.0	3109	1000	862.2	894.2	3124	3060	2862	2946	40- 45	838.0	4619
50.0	3185	834.2	787.4	776.3	3230	3030	2678	2864	45- 50	891.7	5510
55.0	2916	709.5	728.7	685.3	3241	2952	2323	2648	50- 55	917.1	6427
60.0	2862	586.4	686.4	603.0	2907	2754	1814	2230	55- 60	887.5	7315
65.0	2439	461.9	471.2	523.2	2810	2254	1132	1543	60- 65	802.6	8118
70.0	1592	302.0	110.6	287.3	2223	1590	438.4	590.9	65- 70	594.2	8712
75.0	633.8	73.68	35.77	47.73	1252	688.2	136.0	148.5	70- 75	326.2	9038
80.0	85.64	22.15	10.72	16.21	308.6	128.0	76.75	78.66	75- 80	110.6	9149
85.0	25.46	6.917	8.917	4.803	41.28	49.12	24.24	32.62	80- 85	26.71	9176
90.0	13.72	6.015	8.116	4.903	17.30	16.84	6.212	11.50	85- 90	8.440	9184
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:HOPPO
 Temperature:25.3DEG
 Operators:
 Test Date:2023.12.19

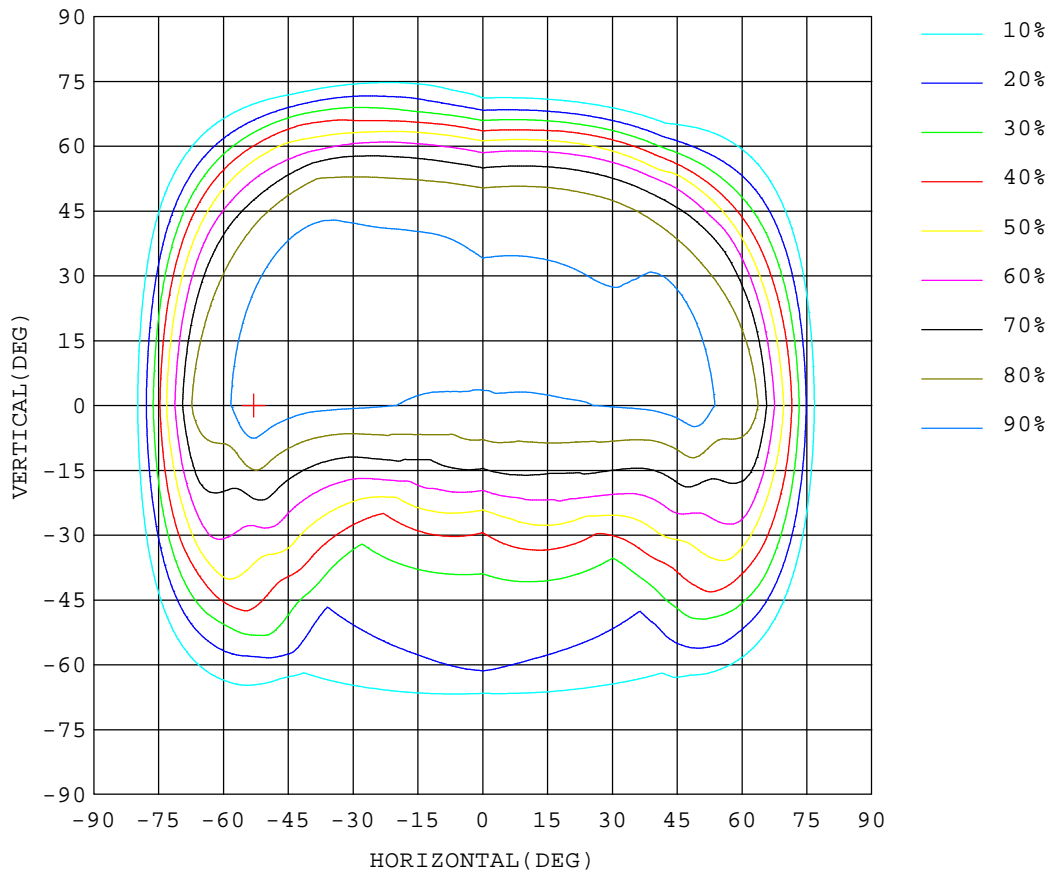
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: SA60-A44NN-HE		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 80x150DEG	SERIAL No.:

UNIT: cd



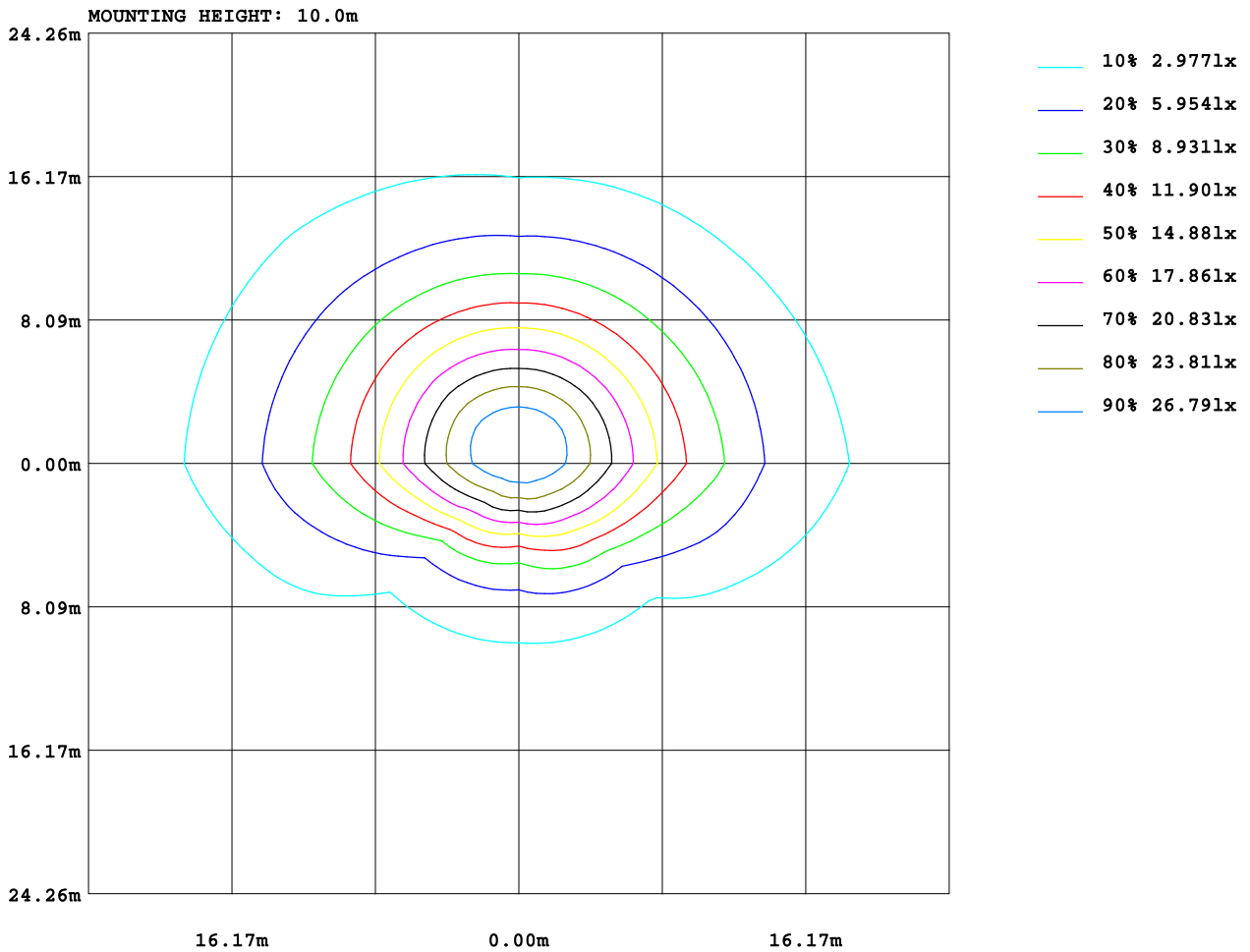
Test System:HOP00
 Temperature:25.3DEG
 Operators:
 Test Date:2023.12.19

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: SA60-A44NN-HE		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 80x150DEG	SERIAL No.:



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

Report number:

MANUFACTURER:			
Address:			
NAME: SA60-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	2916	2916	2916	2916	2916	2916	2916	2916
5.0	2923	2820	2772	2796	2921	3001	3018	3004
10.0	2933	2704	2565	2637	2931	3055	3069	3050
15.0	2948	2566	2305	2439	2948	3096	3103	3083
20.0	2962	2398	1968	2196	2972	3122	3104	3094
25.0	2971	2185	1595	1934	2994	3134	3076	3080
30.0	2986	1956	1305	1574	3012	3128	3032	3049
35.0	3003	1607	1116	1241	3033	3110	2987	3013
40.0	3035	1247	968	1043	3058	3082	2953	2978
45.0	3109	1000	862	894	3124	3060	2862	2946
50.0	3185	834	787	776	3230	3030	2678	2864
55.0	2916	710	729	685	3241	2952	2323	2648
60.0	2862	586	686	603	2907	2754	1814	2230
65.0	2439	462	471	523	2810	2254	1132	1543
70.0	1592	302	111	287	2223	1590	438	591
75.0	634	73.6	35.7	47.7	1252	688	136	149
80.0	85.6	22.1	10.7	16.2	309	128	76.7	78.6
85.0	25.4	6.91	8.91	4.80	41.2	49.1	24.2	32.6
90.0	13.7	6.01	8.11	4.90	17.3	16.8	6.21	11.5

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