

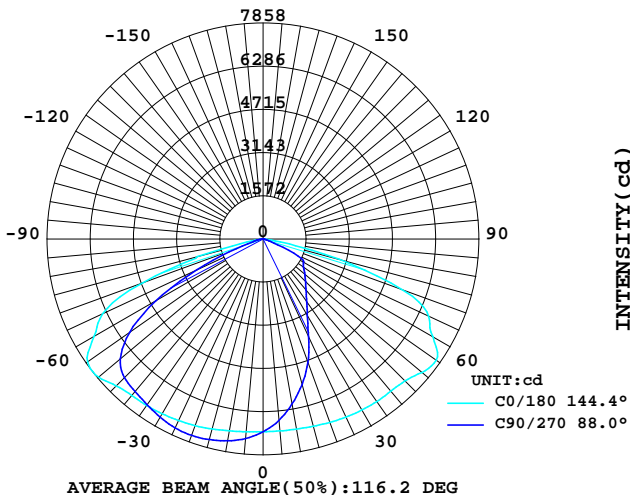
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

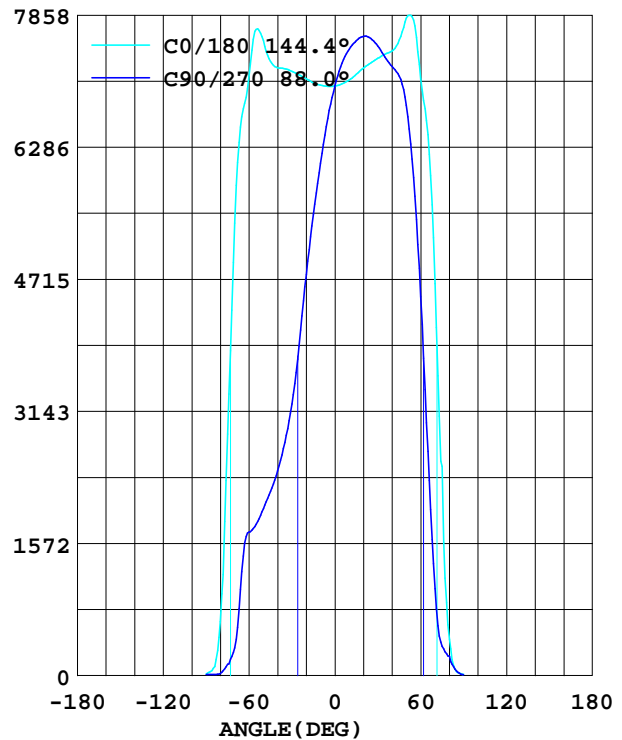
MANUFACTURER:			
Address:			
NAME: SA150-A44NN-HE		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 80X150DEG	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	7858	S/MH(C0/180)	1.57
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.82
NOMINAL POWER(W)	144	TOTAL FLUX(lm)	22847	Voltage(V)	230.3
RATED VOLTAGE(V)	230	EFFICIENCY(lm/W)	157.7	Current(A)	0.640
NOMINAL FLUX(lm)	22847.0	η up(%)	0.0	Power(W)	144.8
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.982
TEST VOLTAGE(V)	230.4	Effective Flux(lm)	22847.0	EEI	0.095

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



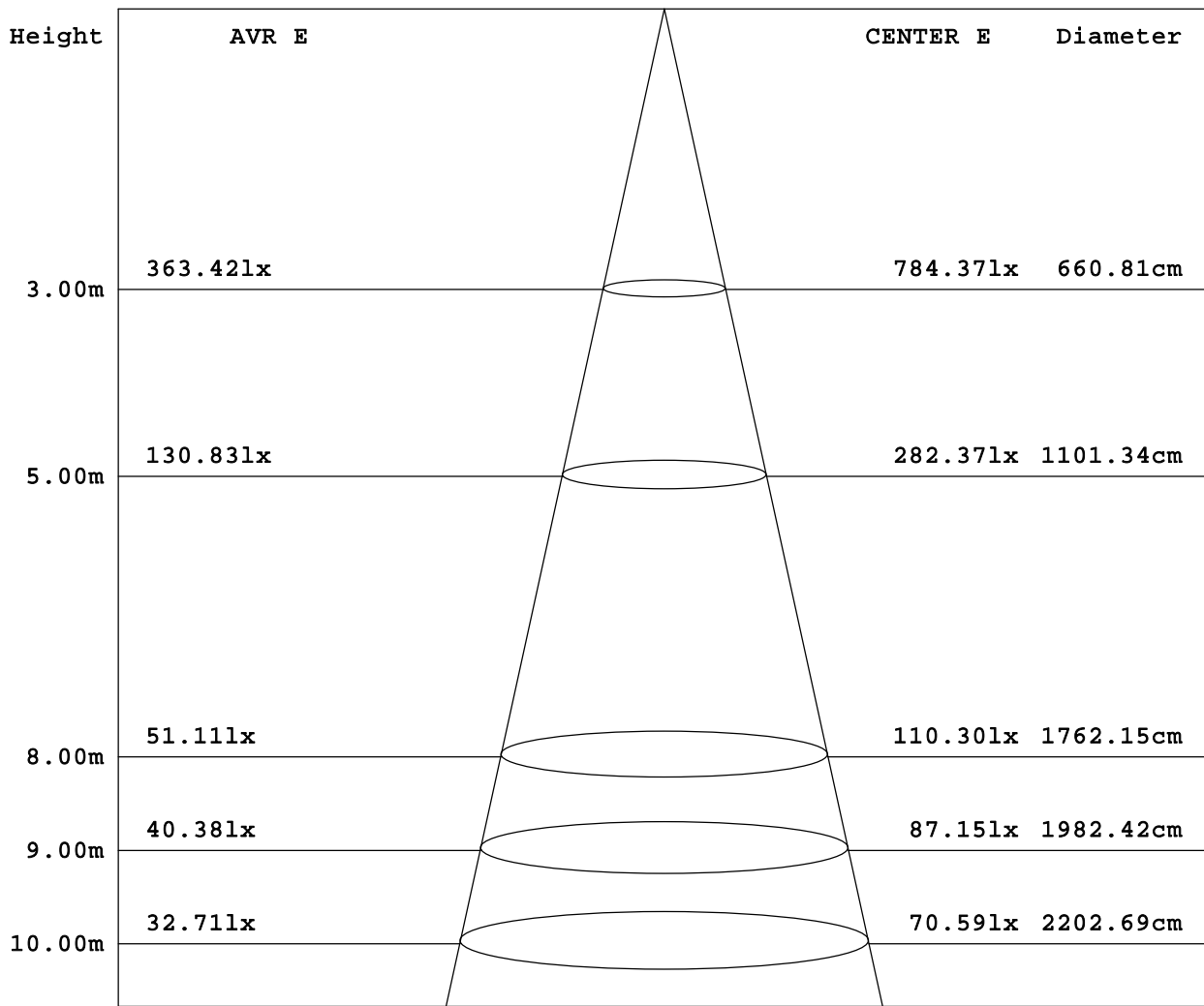
Test System:HOPPO
 Temperature:25.3DEG
 Operators:
 Test Date:2023.12.19

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: SA150-A44NN-HE		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 80X150DEG	SERIAL No.:



Angle: 95.5deg

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: SA150-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	7011	6756	6629	6709	7040	7232	7286	7238	0- 5	167.4	167.4
10.0	7024	6438	6094	6297	7086	7406	7454	7381	5- 10	496.7	664.2
15.0	7052	6095	5489	5819	7155	7532	7556	7466	10- 15	810.6	1475
20.0	7103	5716	4772	5244	7228	7631	7606	7517	15- 20	1102	2577
25.0	7148	5276	3923	4546	7288	7706	7583	7514	20- 25	1362	3939
30.0	7189	4787	3233	3702	7344	7742	7489	7457	25- 30	1581	5519
35.0	7221	4147	2773	2939	7393	7738	7362	7364	30- 35	1764	7284
40.0	7231	3417	2435	2481	7434	7705	7247	7256	35- 40	1922	9205
45.0	7309	2741	2190	2158	7563	7656	7132	7160	40- 45	2062	11267
50.0	7556	2251	1986	1930	7823	7620	6786	7045	45- 50	2196	13463
55.0	7690	1942	1800	1685	7800	7553	5926	6629	50- 55	2292	15755
60.0	7138	1635	1707	1496	7098	7142	4508	5669	55- 60	2251	18006
65.0	6648	1328	1235	1225	6437	6215	2667	4028	60- 65	2027	20033
70.0	5384	934.2	330.5	507.3	4664	4369	1035	1782	65- 70	1559	21592
75.0	2873	305.1	133.8	122.1	2489	1768	350.2	497.0	70- 75	874.7	22466
80.0	641.1	84.15	26.14	14.39	434.0	268.7	229.1	235.0	75- 80	298.3	22765
85.0	86.26	23.22	12.97	7.866	47.79	73.02	54.59	98.71	80- 85	66.87	22832
90.0	21.61	11.41	12.11	9.401	17.61	16.98	9.227	19.18	85- 90	15.48	22847
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

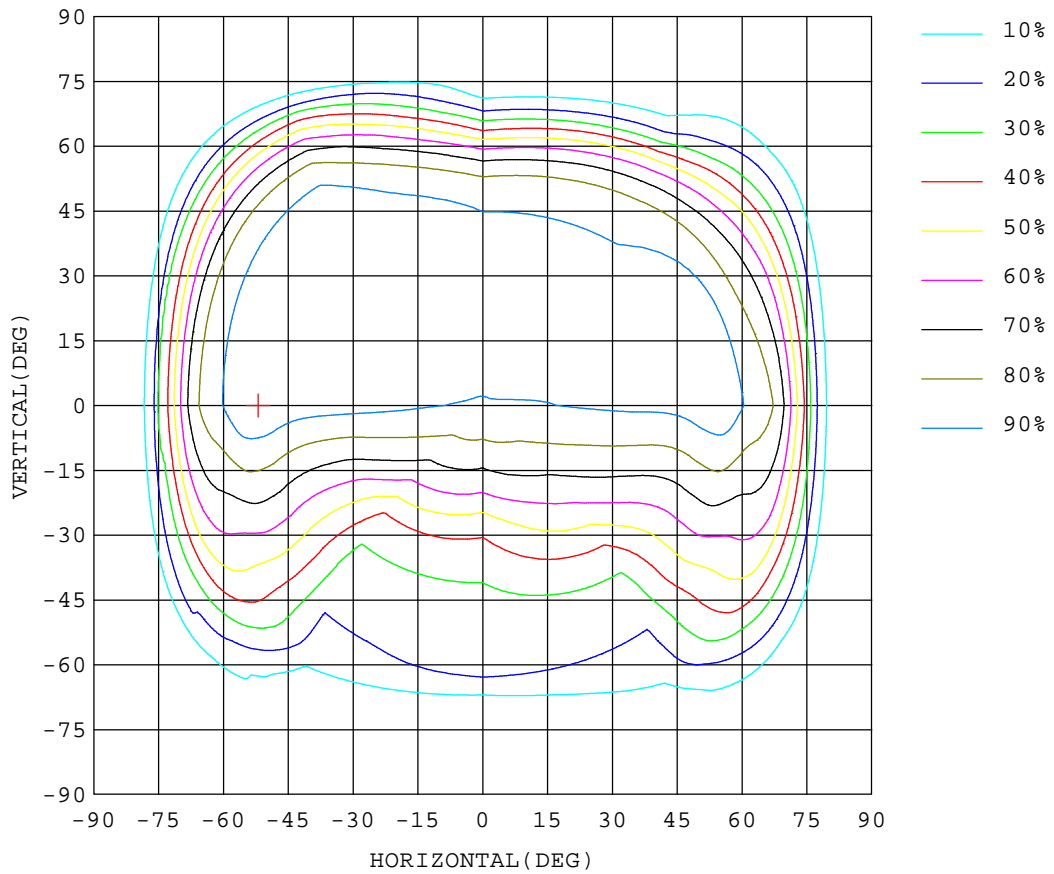
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: SA150-A44NN-HE		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 80X150DEG	SERIAL No.:

UNIT: cd



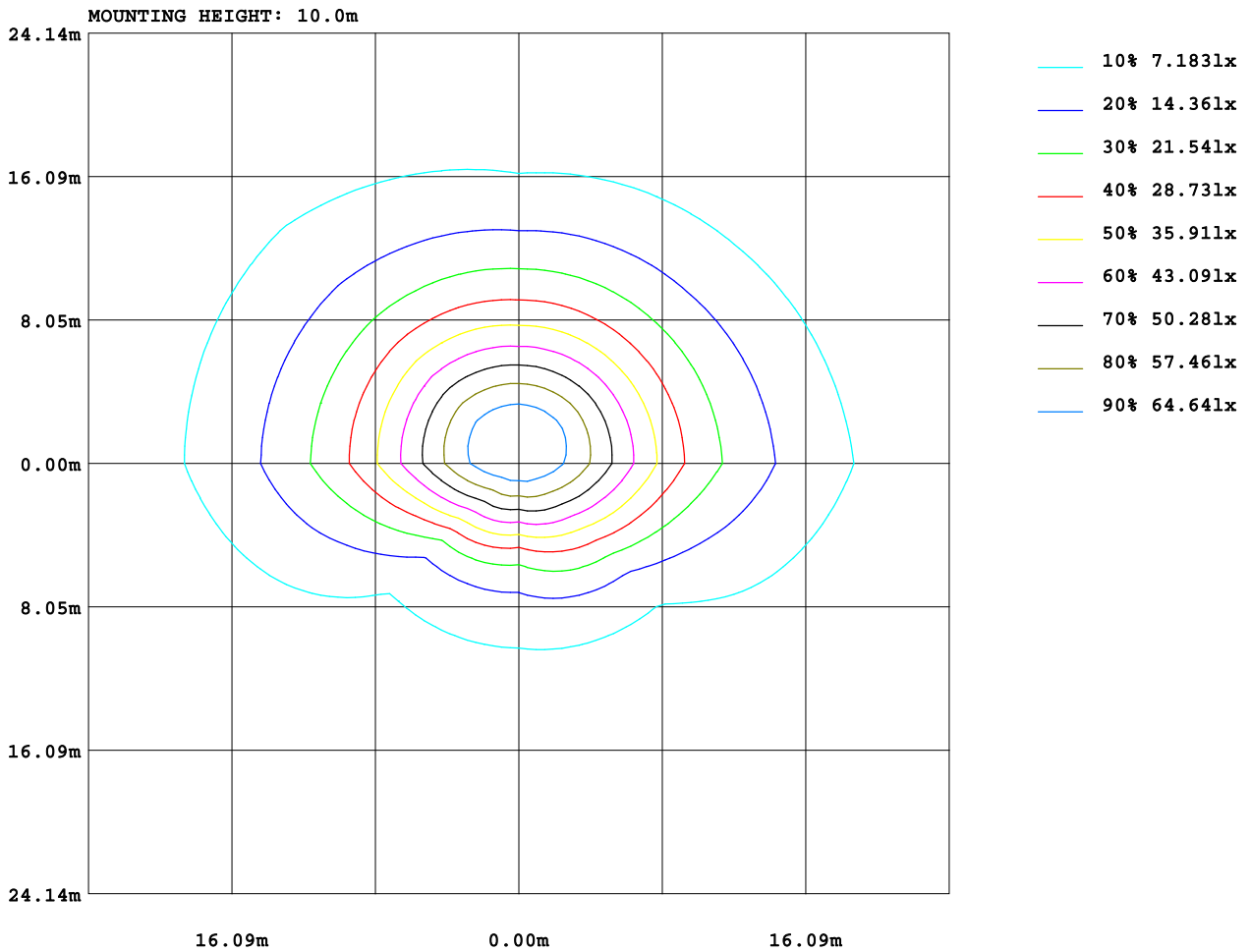
Test System:HOP00
 Temperature:25.3DEG
 Operators:
 Test Date:2023.12.19

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: SA150-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: SA150-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	7016	7016	7016	7016	7016	7016	7016	7016
5.0	7011	6756	6629	6709	7040	7232	7286	7238
10.0	7024	6438	6094	6297	7086	7406	7454	7381
15.0	7052	6095	5489	5819	7155	7532	7556	7466
20.0	7103	5716	4772	5244	7228	7631	7606	7517
25.0	7148	5276	3923	4546	7288	7706	7583	7514
30.0	7189	4787	3233	3702	7344	7742	7489	7457
35.0	7221	4147	2773	2939	7393	7738	7362	7364
40.0	7231	3417	2435	2481	7434	7705	7247	7256
45.0	7309	2741	2190	2158	7563	7656	7132	7160
50.0	7556	2251	1986	1930	7823	7620	6786	7045
55.0	7690	1942	1800	1685	7800	7553	5926	6629
60.0	7138	1635	1707	1496	7098	7142	4508	5669
65.0	6648	1328	1235	1225	6437	6215	2667	4028
70.0	5384	934	331	507	4664	4369	1035	1782
75.0	2873	305	134	122	2489	1768	350	497
80.0	641	84.1	26.1	14.3	434	269	229	235
85.0	86.2	23.2	12.9	7.86	47.7	73.0	54.5	98.7
90.0	21.6	11.4	12.1	9.40	17.6	16.9	9.22	19.1

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
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