

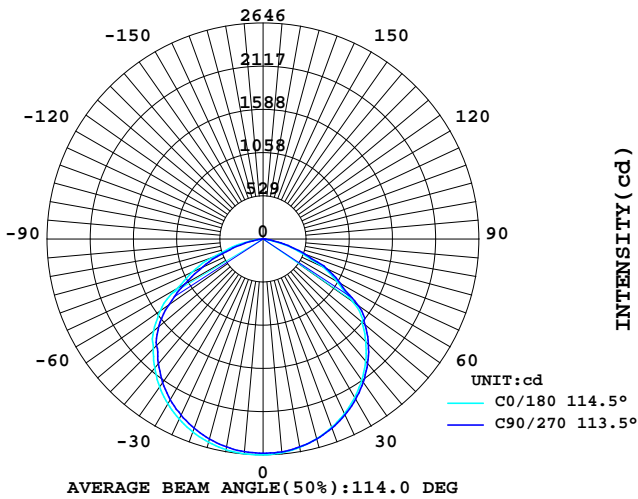
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

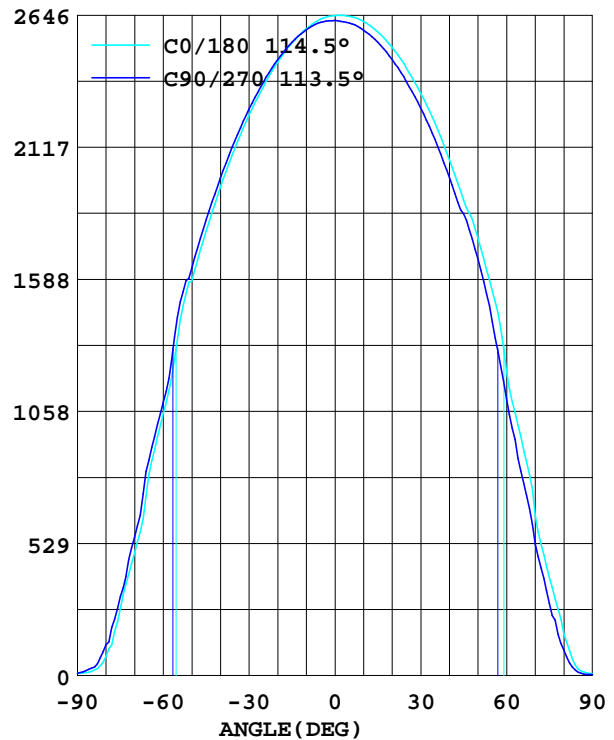
MANUFACTURER:			
Address:			
NAME: FL50-110N-HP3		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 110DEG	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	2646	S/MH(C0/180)	1.26
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.29
NOMINAL POWER(W)	50	TOTAL FLUX(lm)	7345.6	Voltage(V)	230.3
RATED VOLTAGE(V)	230	EFFICIENCY(lm/W)	144.6	Current(A)	0.223
NOMINAL FLUX(lm)	7345.7	η up(%)	0.0	Power(W)	50.79
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.987
TEST VOLTAGE(V)	230.3	Effective Flux(lm)	7345.7	EEL	0.094

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



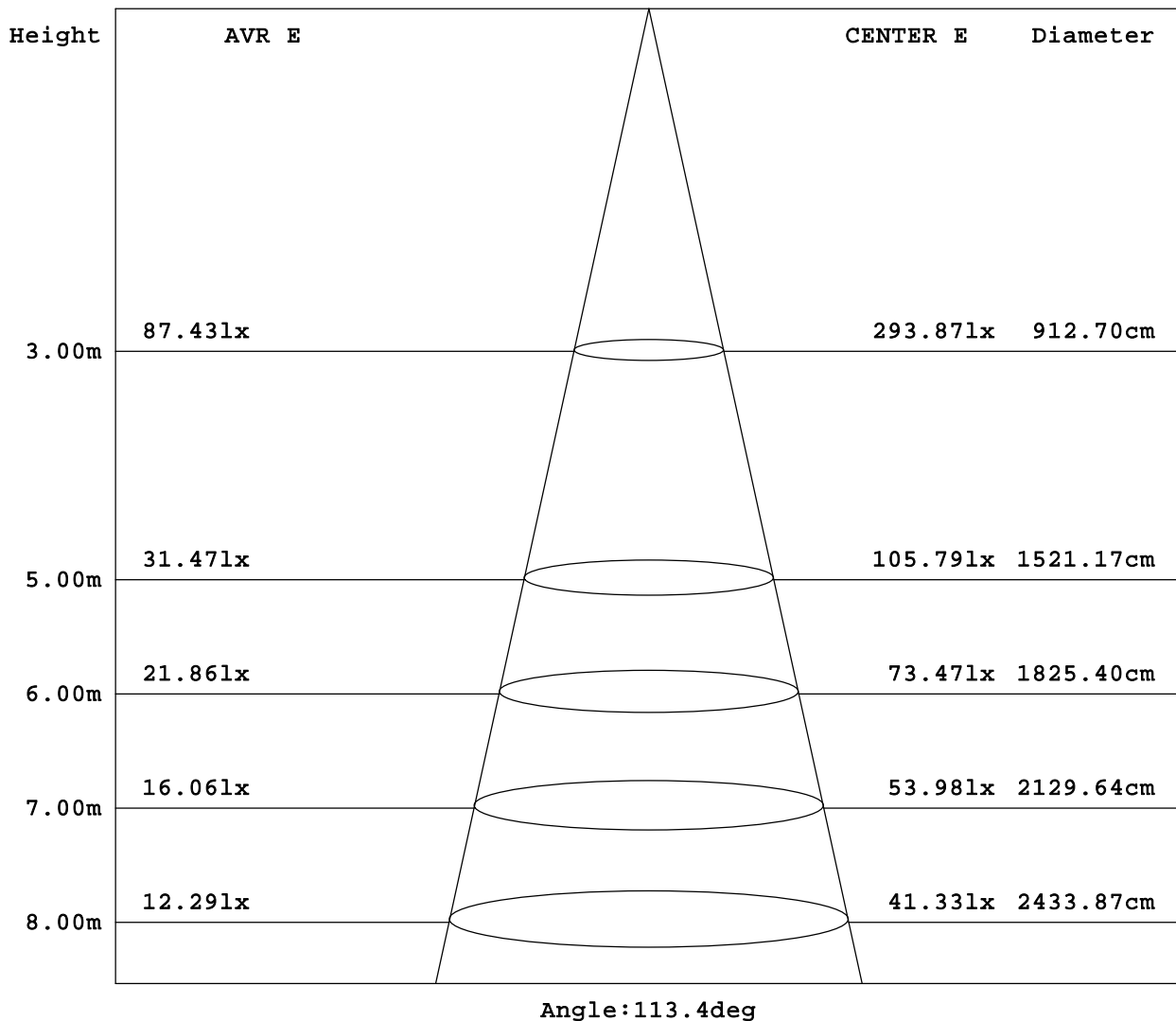
Test System:HOP00
 Temperature:25.3DEG
 Operators:
 Test Date:2023.12.19

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: FL50-110N-HP3		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 110DEG	SERIAL No.:



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

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 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: FL50-110N-HP3		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 110DEG	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	2630	2621	2618	2610	2642	2629	2615	2606	0- 5	62.77	62.77
10.0	2592	2587	2587	2585	2622	2609	2587	2577	5- 10	186.5	249.3
15.0	2535	2534	2538	2540	2579	2564	2537	2525	10- 15	304.7	554.0
20.0	2457	2460	2467	2473	2517	2501	2468	2455	15- 20	413.6	967.7
25.0	2359	2362	2377	2383	2435	2417	2380	2364	20- 25	509.7	1477
30.0	2247	2249	2271	2278	2333	2312	2274	2252	25- 30	589.9	2067
35.0	2111	2115	2141	2151	2214	2190	2148	2124	30- 35	651.7	2719
40.0	1955	1960	1993	2004	2066	2045	1995	1973	35- 40	692.2	3411
45.0	1782	1816	1828	1851	1905	1879	1850	1801	40- 45	709.9	4121
50.0	1581	1621	1632	1679	1753	1692	1669	1610	45- 50	706.9	4828
55.0	1344	1402	1436	1469	1540	1518	1416	1434	50- 55	677.4	5506
60.0	1050	1158	1096	1235	1220	1287	1110	1184	55- 60	603.2	6109
65.0	805.5	772.7	862.8	926.6	956.9	996.2	819.6	871.7	60- 65	499.3	6608
70.0	489.7	521.0	553.8	588.5	641.2	631.3	526.3	536.6	65- 70	359.7	6968
75.0	269.1	246.0	317.1	305.3	392.6	360.8	289.2	269.9	70- 75	227.3	7196
80.0	75.93	81.97	123.9	131.9	170.1	162.9	103.0	107.4	75- 80	110.4	7306
85.0	17.67	13.70	29.57	15.42	26.06	35.53	13.43	21.01	80- 85	32.80	7339
90.0	9.468	4.779	9.558	5.320	8.476	10.37	3.967	9.468	85- 90	6.857	7346
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

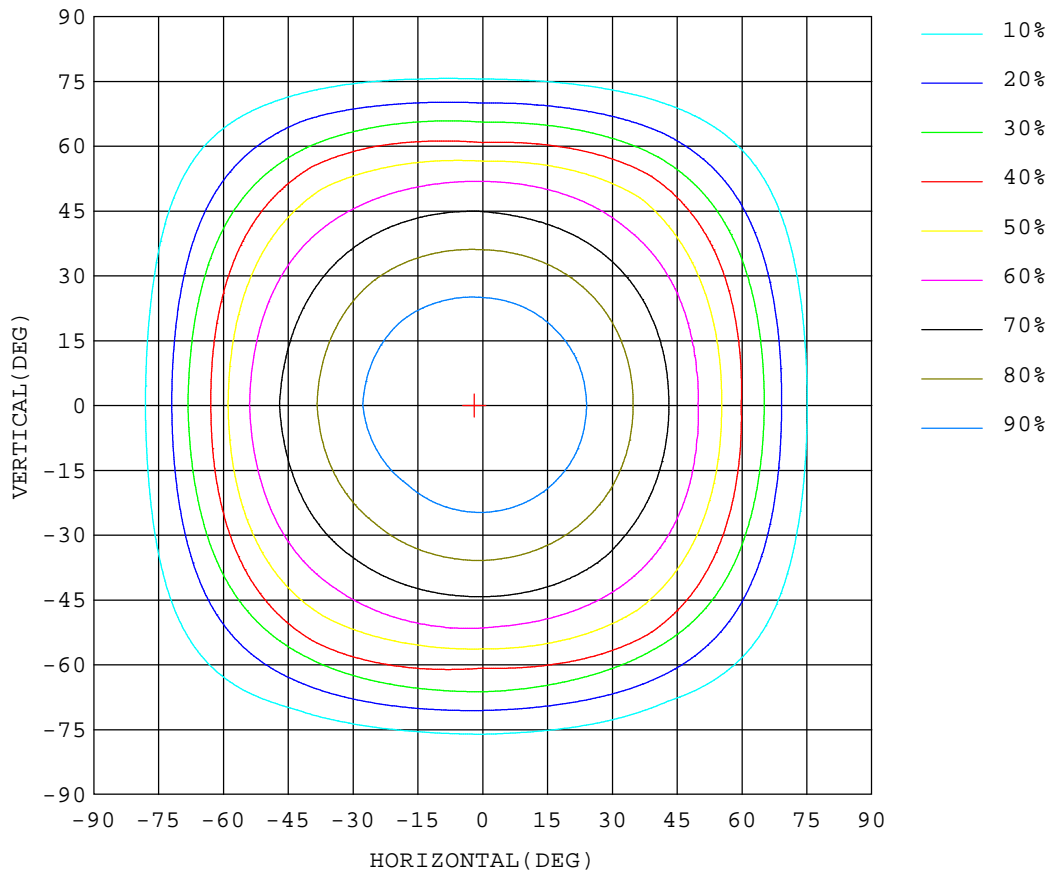
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: FL50-110N-HP3		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 110DEG	SERIAL No.:

UNIT: cd



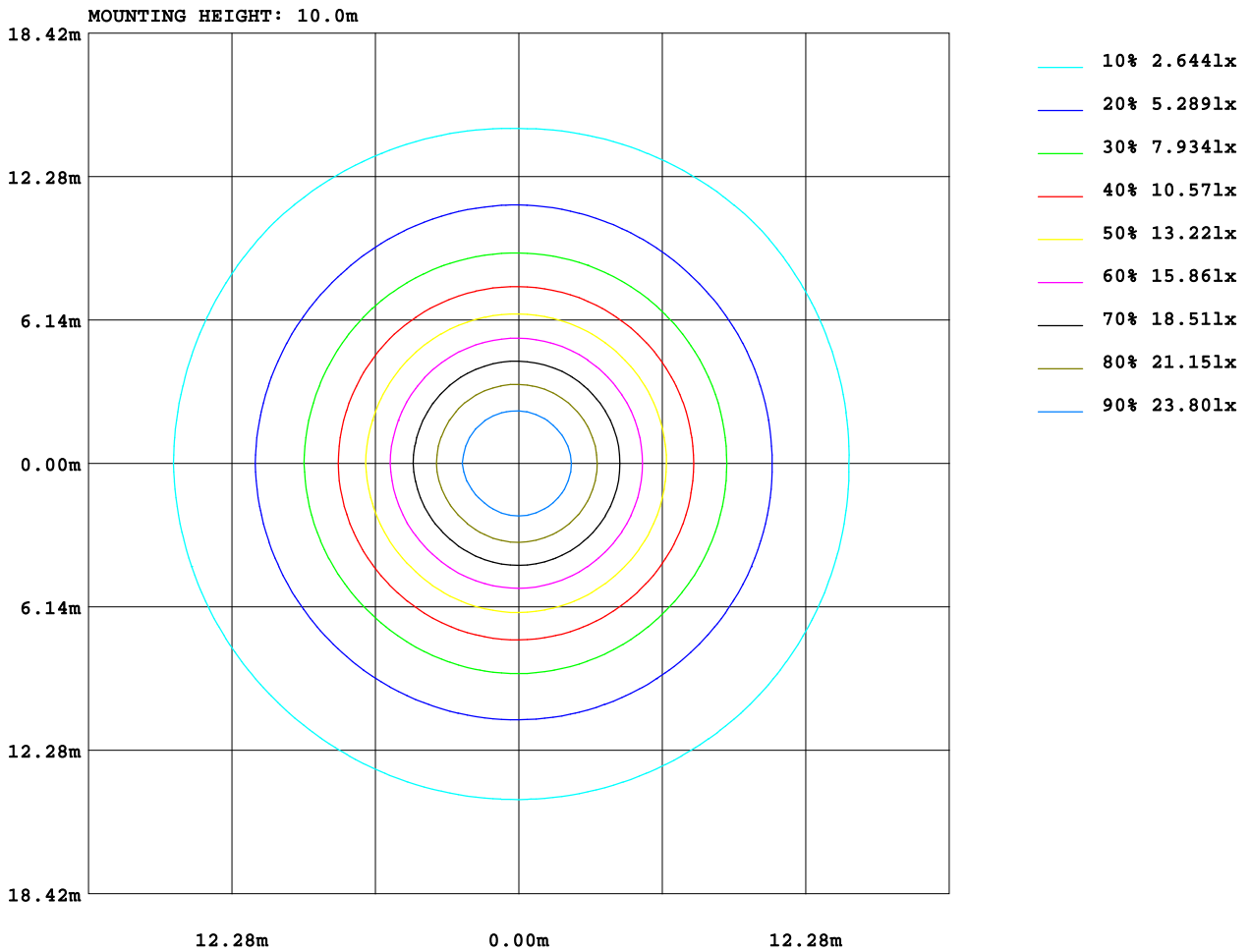
Test System:HOP00
 Temperature:25.3DEG
 Operators:
 Test Date:2023.12.19

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: FL50-110N-HP3		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 110DEG	SERIAL No.:



Test System:HOP00
 Temperature:25.3DEG
 Operators:
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LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: FL50-110N-HP3		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 110DEG	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)							
	0	45	90	135	180	225	270	315
0.0	2645	2634	2625	2618	2645	2634	2625	2618
5.0	2630	2621	2618	2610	2642	2629	2615	2606
10.0	2592	2587	2587	2585	2622	2609	2587	2577
15.0	2535	2534	2538	2540	2579	2564	2537	2525
20.0	2457	2460	2467	2473	2517	2501	2468	2455
25.0	2359	2362	2377	2383	2435	2417	2380	2364
30.0	2247	2249	2271	2278	2333	2312	2274	2252
35.0	2111	2115	2141	2151	2214	2190	2148	2124
40.0	1955	1960	1993	2004	2066	2045	1995	1973
45.0	1782	1816	1828	1851	1905	1879	1850	1801
50.0	1581	1621	1632	1679	1753	1692	1669	1610
55.0	1344	1402	1436	1469	1540	1518	1416	1434
60.0	1050	1158	1096	1235	1220	1287	1110	1184
65.0	806	773	863	927	957	996	820	872
70.0	490	521	554	589	641	631	526	537
75.0	269	246	317	305	393	361	289	270
80.0	75.9	81.9	124	132	170	163	103	107
85.0	17.6	13.7	29.5	15.4	26.0	35.5	13.4	21.0
90.0	9.46	4.77	9.55	5.32	8.47	10.3	3.96	9.46

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