

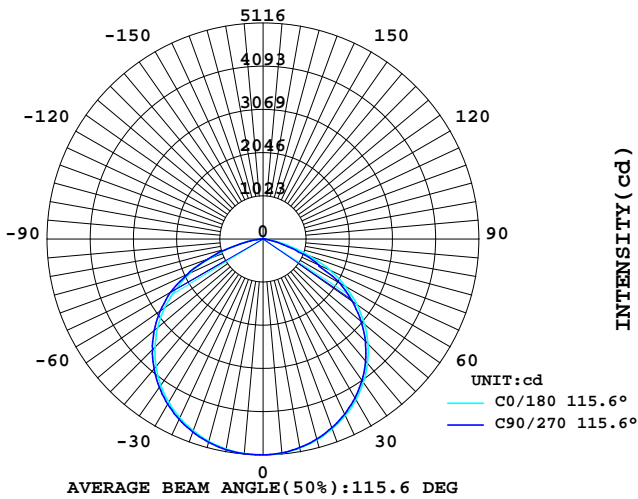
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

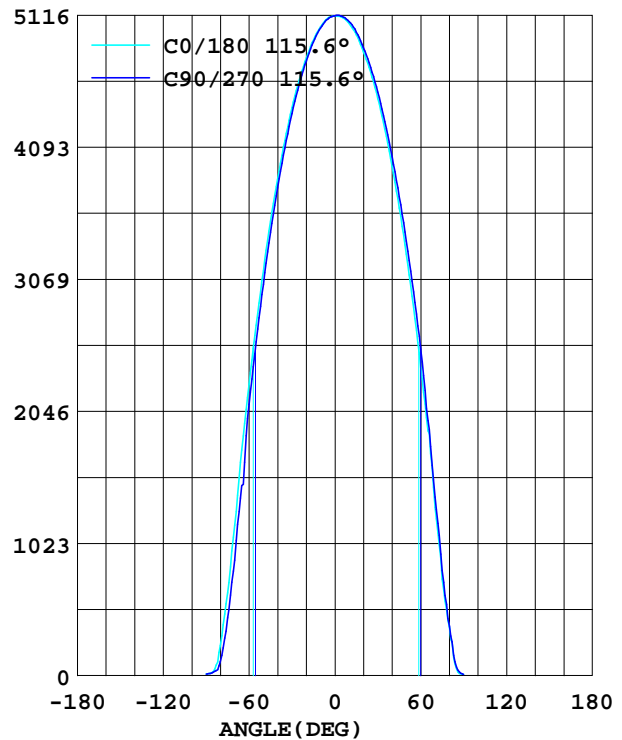
MANUFACTURER:			
Address:			
NAME: FL100-110N-HP3		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 110DEG	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	5116	S/MH(C0/180)	1.28
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.27
NOMINAL POWER(W)	102	TOTAL FLUX(lm)	14491	Voltage(V)	230.6
RATED VOLTAGE(V)	230	EFFICIENCY(lm/W)	142.9	Current(A)	0.450
NOMINAL FLUX(lm)	14490.8	η up(%)	0.0	Power(W)	101.4
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.976
TEST VOLTAGE(V)	230.7	Effective Flux(lm)	14490.8	EEI	0.105

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



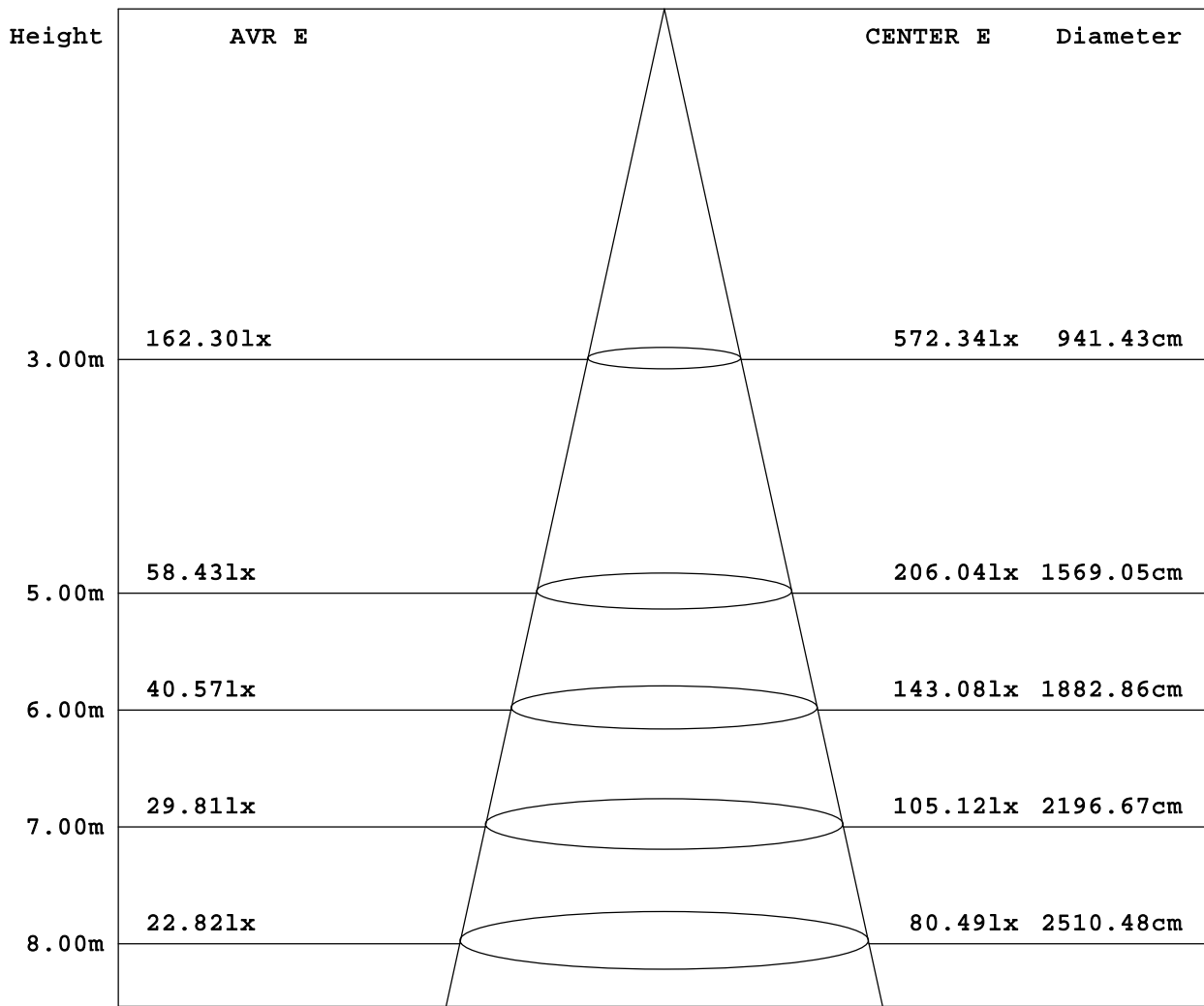
Test System:HOP00
 Temperature:25.3DEG
 Operators:
 Test Date:2023.12.19

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: FL100-110N-HP3		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 110DEG	SERIAL No.:



Angle:115.0deg

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: FL100-110N-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	5092	5082	5086	5082	5100	5102	5107	5105	0- 5	122.0	122.0
10.0	5024	5023	5016	5019	5049	5060	5066	5062	5- 10	362.5	484.6
15.0	4921	4913	4909	4914	4963	4976	4984	4976	10- 15	592.3	1077
20.0	4784	4768	4760	4768	4832	4859	4864	4862	15- 20	804.1	1881
25.0	4608	4578	4575	4582	4672	4698	4710	4699	20- 25	991.6	2873
30.0	4398	4362	4353	4363	4469	4498	4519	4501	25- 30	1148	4021
35.0	4142	4102	4087	4100	4232	4268	4290	4276	30- 35	1269	5291
40.0	3846	3794	3778	3792	3942	3998	4019	4002	35- 40	1349	6640
45.0	3520	3446	3434	3449	3622	3683	3709	3685	40- 45	1383	8023
50.0	3137	3047	3033	3055	3264	3337	3366	3337	45- 50	1367	9390
55.0	2715	2607	2586	2614	2850	2941	2971	2944	50- 55	1300	10691
60.0	2257	2119	2101	2139	2387	2498	2529	2499	55- 60	1178	11869
65.0	1748	1621	1471	1646	1897	2034	1976	2029	60- 65	1001	12870
70.0	1164	1016	892.9	1084	1303	1465	1383	1466	65- 70	777.2	13647
75.0	641.0	474.4	448.4	525.5	746.9	936.1	815.0	912.4	70- 75	502.0	14149
80.0	233.0	135.3	108.2	149.9	370.6	423.1	382.4	410.1	75- 80	249.6	14399
85.0	30.50	15.61	26.09	16.53	54.04	108.6	66.56	95.42	80- 85	79.08	14478
90.0	12.81	6.228	12.07	6.544	10.37	15.79	8.552	14.14	85- 90	12.82	14491
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

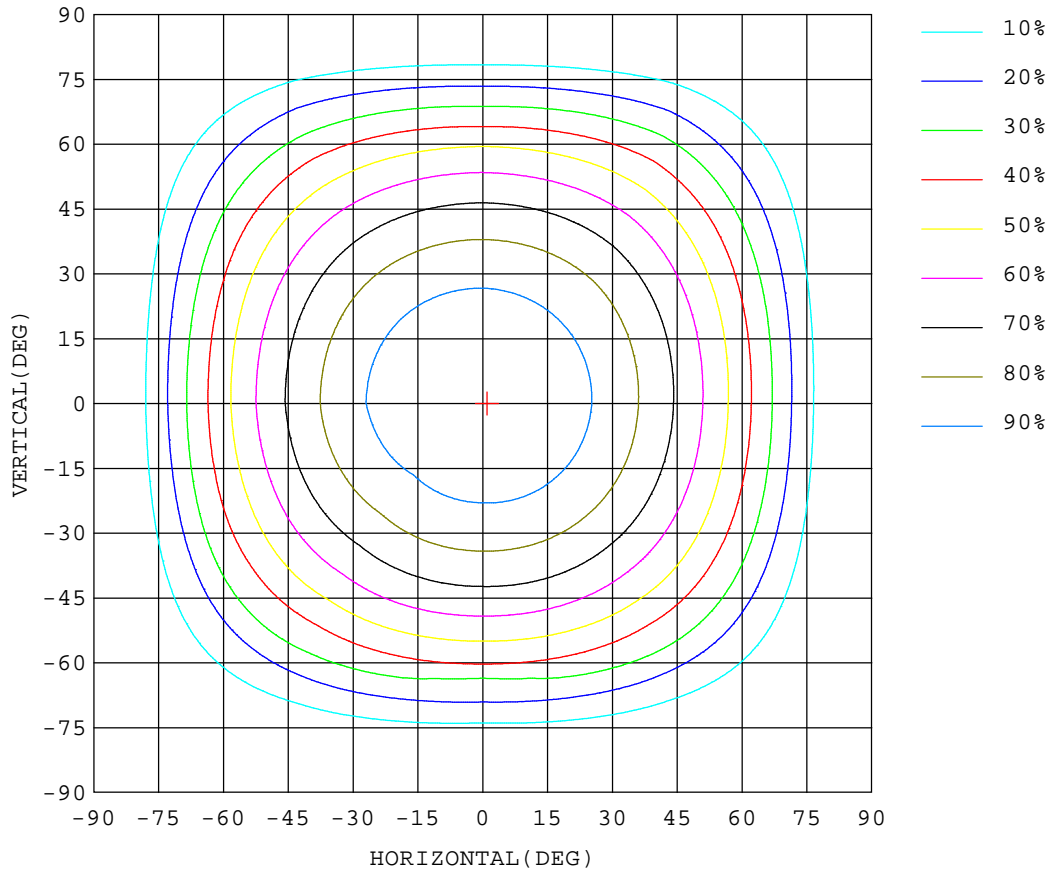
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: FL100-110N-HP3		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 110DEG	SERIAL No.:

UNIT: cd



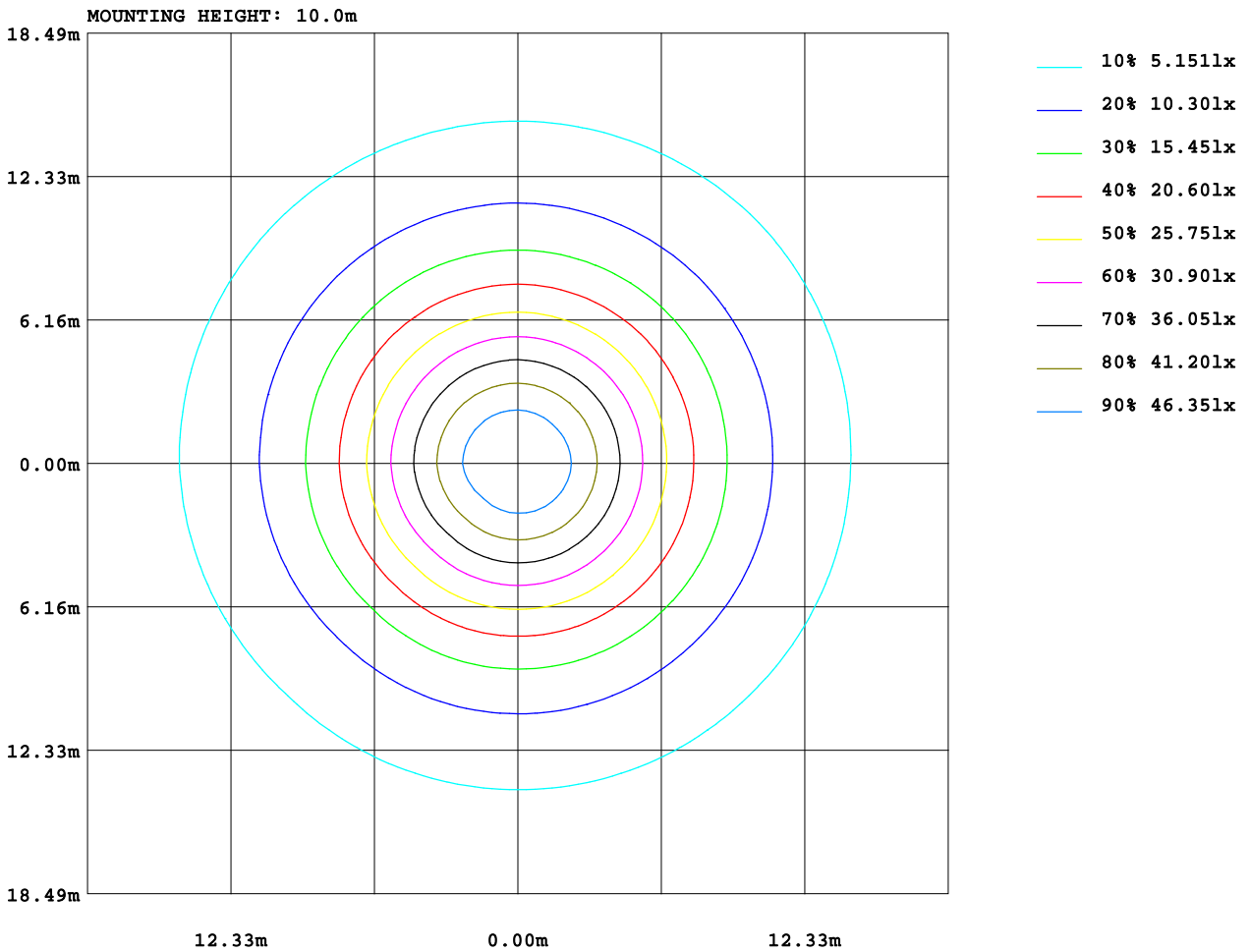
Test System:HOP00
 Temperature:25.3DEG
 Operators:
 Test Date:2023.12.19

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: FL100-110N-HP3		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 110DEG	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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LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: FL100-110N-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	5110	5110	5110	5110	5110	5110	5110	5110
5.0	5092	5082	5086	5082	5100	5102	5107	5105
10.0	5024	5023	5016	5019	5049	5060	5066	5062
15.0	4921	4913	4909	4914	4963	4976	4984	4976
20.0	4784	4768	4760	4768	4832	4859	4864	4862
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55.0	2715	2607	2586	2614	2850	2941	2971	2944
60.0	2257	2119	2101	2139	2387	2498	2529	2499
65.0	1748	1621	1471	1646	1897	2034	1976	2029
70.0	1164	1016	893	1084	1303	1465	1383	1466
75.0	641	474	448	526	747	936	815	912
80.0	233	135	108	150	371	423	382	410
85.0	30.5	15.6	26.0	16.5	54.0	109	66.5	95.4
90.0	12.8	6.22	12.0	6.54	10.3	15.7	8.55	14.1

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