

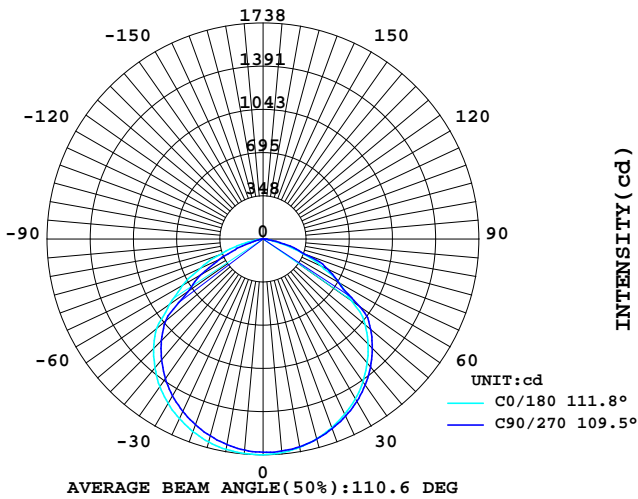
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

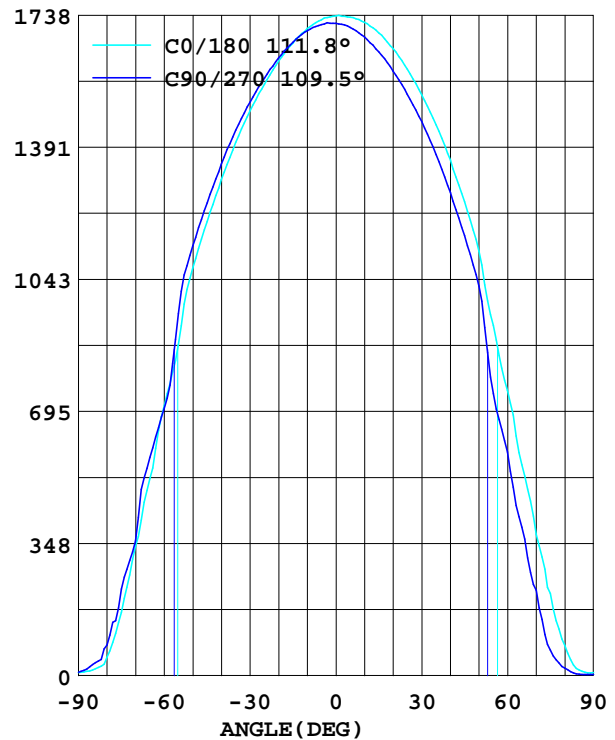
MANUFACTURER:			
Address:			
NAME: FL30-110N-HP3		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 110DEG	SERIAL No.:

DATA OF LAMP		I <sub>max</sub> (cd)	1738	S/MH(C0/180)	1.27
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.31
NOMINAL POWER(W)	32	TOTAL FLUX(lm)	4684.5	Voltage(V)	230.8
RATED VOLTAGE(V)	230	EFFICIENCY(lm/W)	146.3	Current(A)	0.150
NOMINAL FLUX(lm)	4684.6	η up(%)	0.0	Power(W)	32.02
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.921
TEST VOLTAGE(V)	230.8	Effective Flux(lm)	4684.6	EET	0.093

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



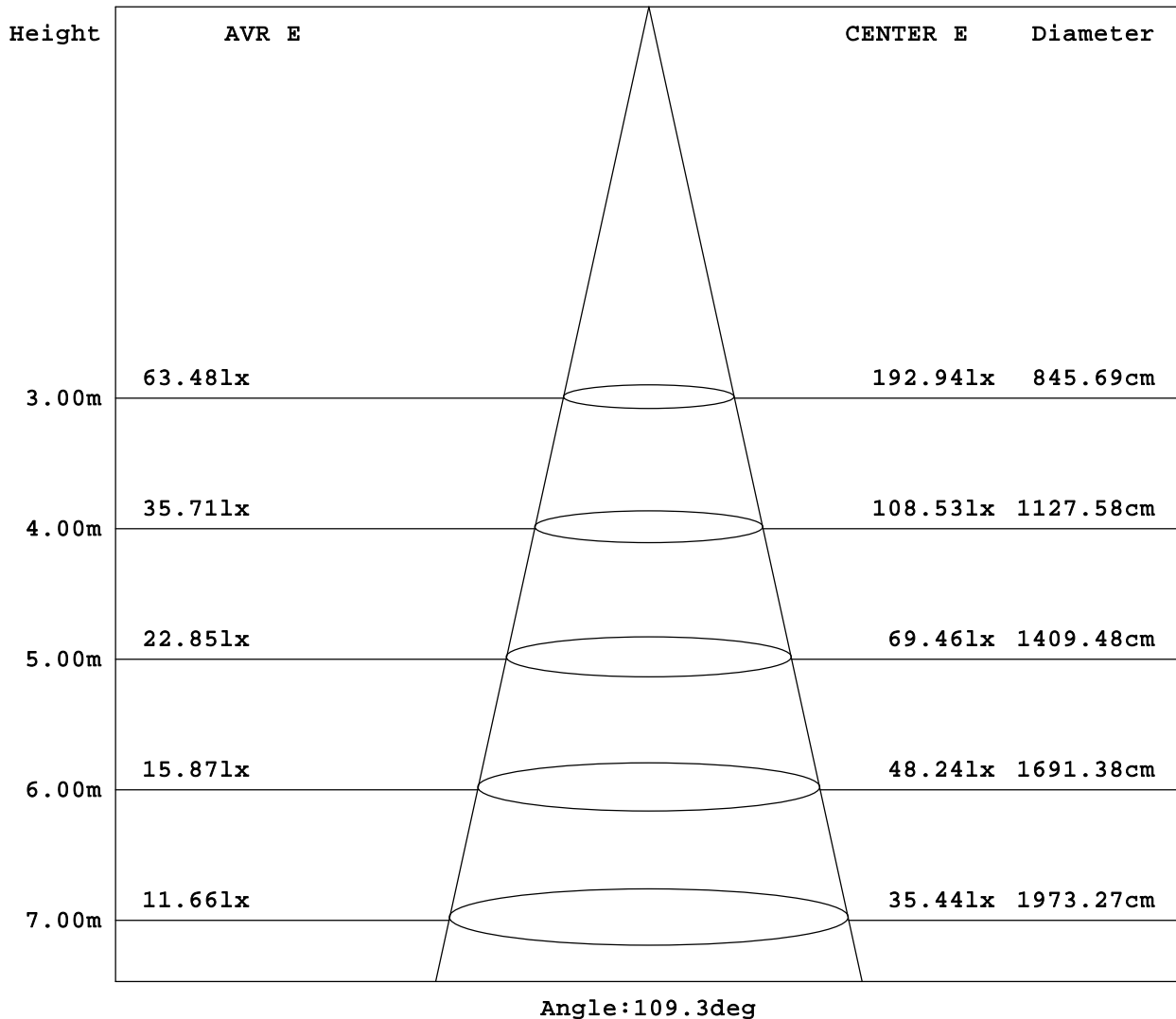
Test System:HOPPO  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2023.12.19

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: FL30-110N-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)  
 Humidity:65.0%  
 Test Distance:10.000 m  
 Remarks:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: FL30-110N-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	1727	1719	1713	1707	1733	1719	1706	1699	0- 5	41.09	41.09
10.0	1703	1699	1698	1689	1720	1698	1681	1676	5- 10	122.0	163.1
15.0	1665	1665	1667	1660	1692	1666	1642	1641	10- 15	199.1	362.3
20.0	1617	1622	1626	1618	1650	1618	1591	1590	15- 20	270.2	632.5
25.0	1557	1561	1573	1562	1597	1558	1530	1527	20- 25	332.9	965.5
30.0	1487	1490	1510	1493	1529	1488	1459	1455	25- 30	385.6	1351
35.0	1404	1410	1435	1416	1450	1403	1372	1372	30- 35	426.5	1778
40.0	1305	1319	1346	1324	1357	1306	1271	1277	35- 40	454.0	2232
45.0	1195	1214	1244	1219	1247	1199	1158	1171	40- 45	466.5	2698
50.0	1073	1096	1131	1101	1117	1071	1025	1046	45- 50	462.7	3161
55.0	871.5	964.1	952.9	965.6	921.7	912.4	741.6	892.9	50- 55	433.0	3594
60.0	710.4	812.6	704.2	797.5	750.1	747.7	588.7	743.9	55- 60	376.2	3970
65.0	518.8	532.1	574.0	547.9	554.6	461.7	390.9	453.2	60- 65	299.1	4270
70.0	339.7	364.3	354.6	351.3	371.4	298.5	224.7	309.0	65- 70	210.4	4480
75.0	166.0	175.6	228.0	230.4	216.3	134.6	67.00	136.8	70- 75	127.0	4607
80.0	48.17	69.56	80.26	69.47	79.71	39.76	19.56	39.12	75- 80	55.63	4663
85.0	14.35	14.99	29.25	14.99	14.53	13.80	3.656	13.52	80- 85	16.59	4679
90.0	7.953	5.484	9.232	5.759	7.770	7.678	3.290	7.587	85- 90	5.363	4685
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:HOP00  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2023.12.19

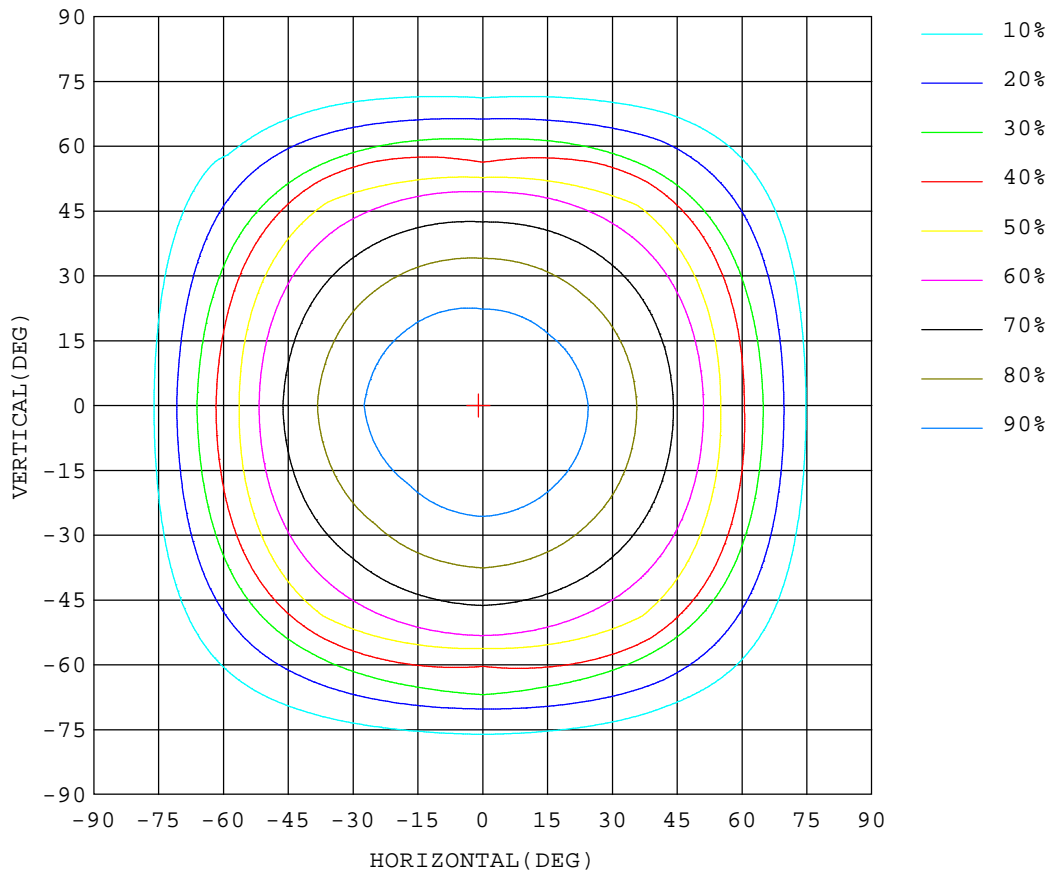
Test Set: 5.0deg/s C-Gamma (TYPE C)  
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 Test Distance:10.000 m  
 Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: FL30-110N-HP3		TYPE: 4000K	WEIGHT:
SPECIFICATION:	CCT(K): 4000	DIMENSION: 110DEG	SERIAL No.:

UNIT: cd



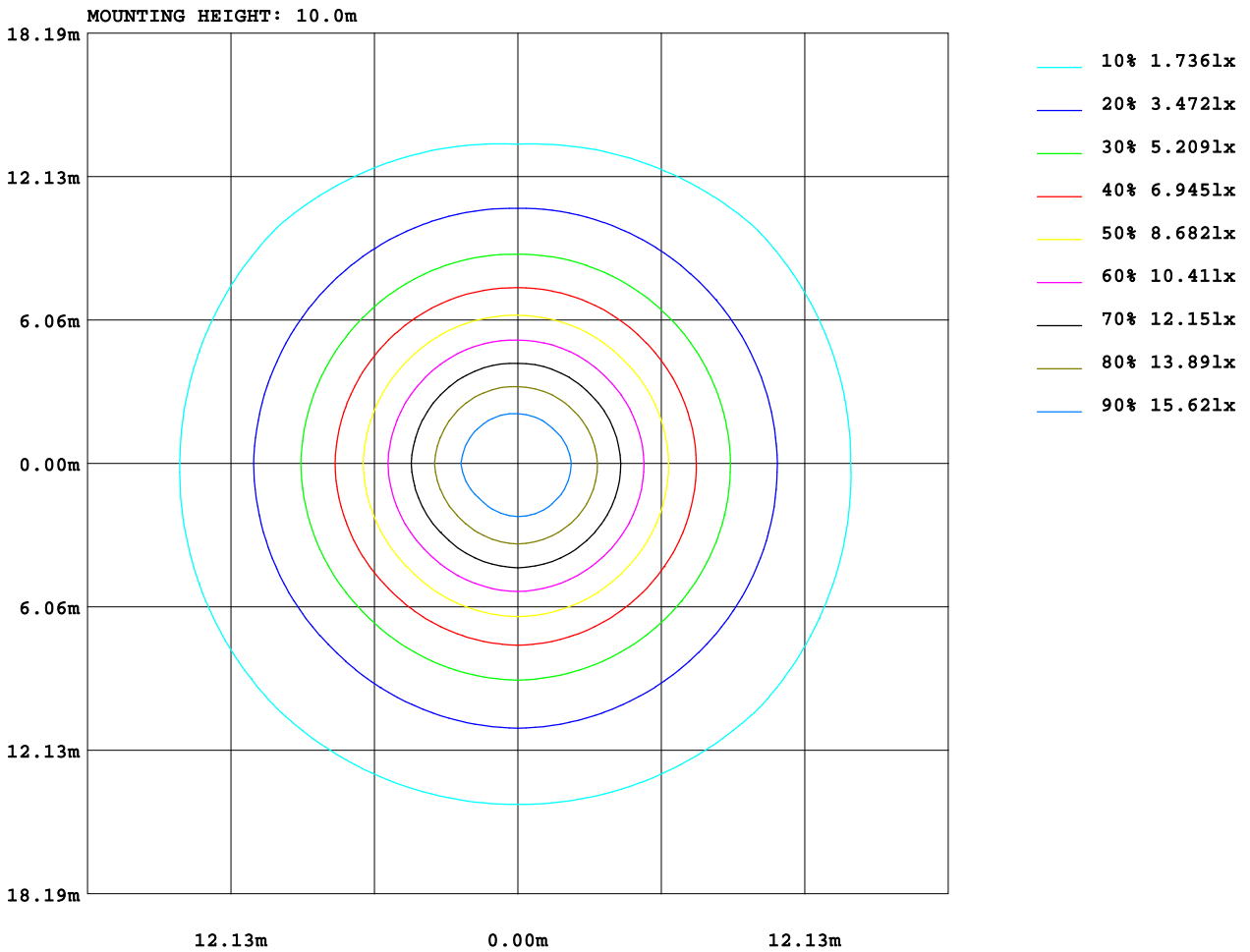
Test System:HOP00  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2023.12.19

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: FL30-110N-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: FL30-110N-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	1736	1725	1717	1710	1736	1725	1717	1710
5.0	1727	1719	1713	1707	1733	1719	1706	1699
10.0	1703	1699	1698	1689	1720	1698	1681	1676
15.0	1665	1665	1667	1660	1692	1666	1642	1641
20.0	1617	1622	1626	1618	1650	1618	1591	1590
25.0	1557	1561	1573	1562	1597	1558	1530	1527
30.0	1487	1490	1510	1493	1529	1488	1459	1455
35.0	1404	1410	1435	1416	1450	1403	1372	1372
40.0	1305	1319	1346	1324	1357	1306	1271	1277
45.0	1195	1214	1244	1219	1247	1199	1158	1171
50.0	1073	1096	1131	1101	1117	1071	1025	1046
55.0	872	964	953	966	922	912	742	893
60.0	710	813	704	798	750	748	589	744
65.0	519	532	574	548	555	462	391	453
70.0	340	364	355	351	371	299	225	309
75.0	166	176	228	230	216	135	67.0	137
80.0	48.1	69.5	80.2	69.4	79.7	39.7	19.5	39.1
85.0	14.3	14.9	29.2	14.9	14.5	13.8	3.65	13.5
90.0	7.95	5.48	9.23	5.75	7.77	7.67	3.29	7.58

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