

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

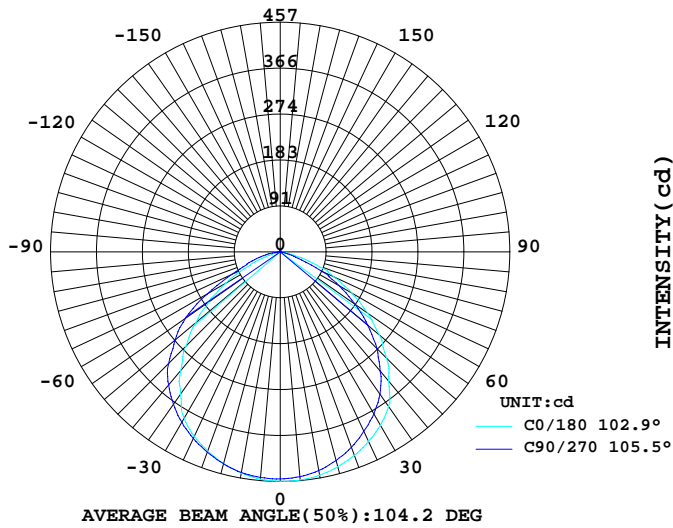
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

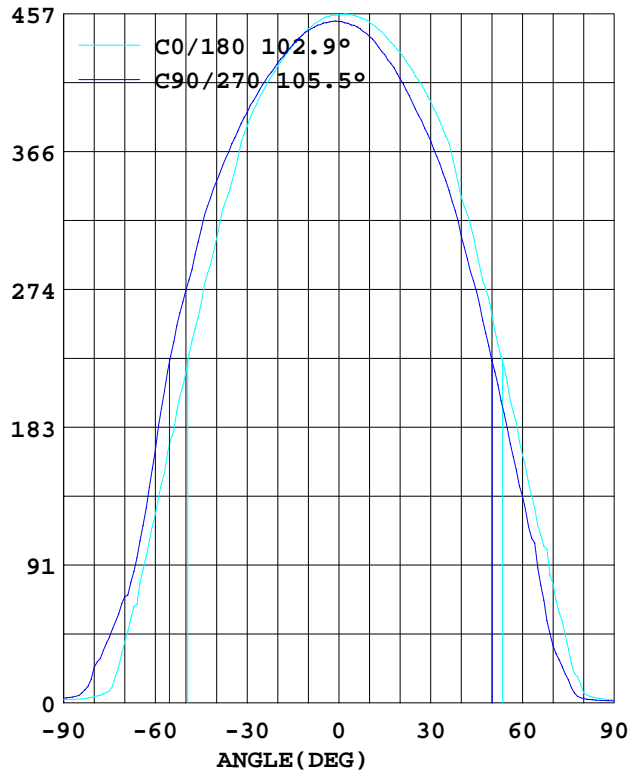
MANUFACTURER:		
Address:		
NAME: LL-5350-B-18#-3K	TYPE: LL-5350-B-18#-3K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

DATA OF LAMP		I _{max} (cd)	457.0	S/MH(C0/180)	1.24
MODEL	LL-5350-B-18#	EFFICIENCY(%)	100.0	S/MH(C90/270)	1.29
NOMINAL POWER(W)	10	TOTAL FLUX(lm)	1121.0	Voltage(V)	230.3
RATED VOLTAGE(V)	230	EFFICIENCY(lm/W)	116.5	Current(A)	0.042
NOMINAL FLUX(lm)	1121.1	η up(%)	1.2	Power(W)	9.620
LAMPS QUANTITY	1	η down(%)	98.8	Power Factor(PF)	0.992
TEST VOLTAGE(V)	230.3	Effective Flux(lm)	1086.4	EEL	0.117

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:05-26-2025

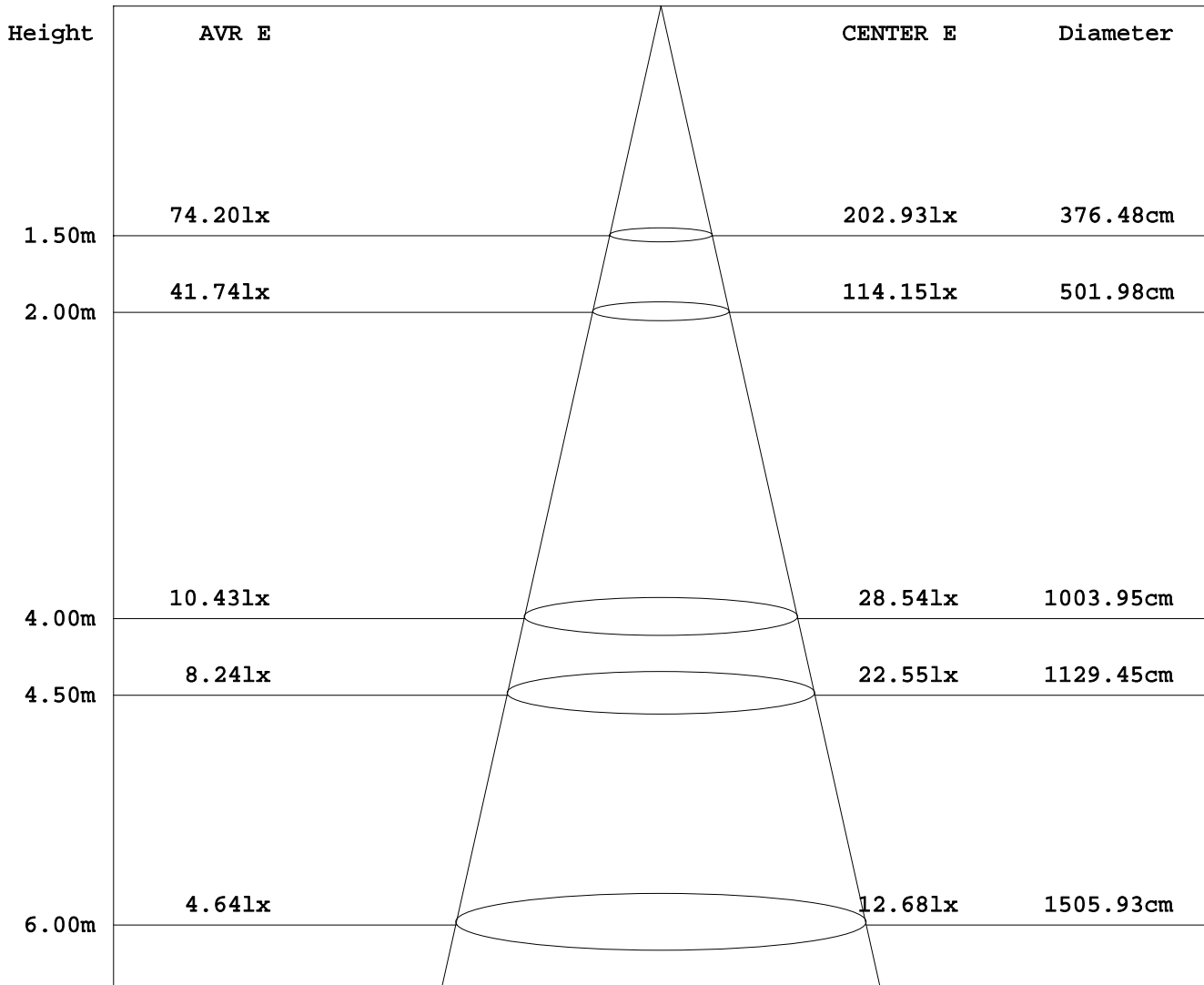
Test Set: 8.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.250 m
 Remarks:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:		
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NAME: LL-5350-B-18#-3K	TYPE: LL-5350-B-18#-3K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Angle: 102.9deg

Test System: HOPOO HPG1900
 Temperature: 25.3DEG
 Operators:
 Test Date: 05-26-2025

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ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: LL-5350-B-18#-3K	TYPE: LL-5350-B-18#-3K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	454.0	450.8	450.9	451.4	455.8	453.2	449.3	447.7	0- 5	10.82	10.82
10.0	447.0	443.4	445.8	446.9	451.4	446.6	442.0	441.2	5- 10	32.09	42.91
15.0	436.0	431.8	436.6	438.7	442.8	434.8	430.0	430.4	10- 15	52.24	95.16
20.0	422.4	417.0	424.4	426.7	431.4	419.4	413.9	416.7	15- 20	70.59	165.7
25.0	405.0	399.6	409.9	412.6	415.7	401.3	393.8	399.9	20- 25	86.67	252.4
30.0	382.3	379.5	391.4	395.0	398.8	381.6	372.7	378.9	25- 30	99.94	352.3
35.0	345.6	356.3	370.8	372.7	375.8	359.8	346.2	342.1	30- 35	109.6	462.0
40.0	307.7	330.8	345.8	333.0	335.5	335.4	309.4	307.8	35- 40	114.3	576.4
45.0	265.4	278.5	314.2	292.8	299.2	304.5	272.6	267.7	40- 45	113.7	690.1
50.0	219.5	211.3	273.9	250.1	257.6	272.8	227.1	222.2	45- 50	106.8	797.0
55.0	174.2	162.3	229.9	205.1	213.0	234.6	182.4	176.0	50- 55	95.43	892.4
60.0	125.0	138.2	167.5	159.9	164.4	163.1	137.1	130.0	55- 60	79.98	972.4
65.0	79.68	113.0	107.4	112.4	117.7	114.2	89.53	84.14	60- 65	60.67	1033
70.0	40.46	94.49	70.46	67.69	79.14	66.19	38.04	45.23	65- 70	41.66	1075
75.0	7.890	34.92	43.63	29.72	35.78	12.73	15.39	11.71	70- 75	21.61	1096
80.0	4.140	6.093	23.51	4.492	6.757	4.335	2.773	5.117	75- 80	7.159	1104
85.0	2.460	1.601	4.882	1.718	3.085	3.554	1.718	3.242	80- 85	2.357	1106
90.0	2.187	1.210	3.085	0.664	1.718	3.125	1.484	2.890	85- 90	1.286	1107
95.0	2.070	0.781	2.343	0.703	1.601	2.851	1.562	2.851	90- 95	1.042	1108
100.0	2.031	0.859	2.070	0.781	1.718	2.812	1.640	2.812	95-100	0.995	1109
105.0	2.070	0.977	2.031	0.859	1.835	2.812	1.757	2.812	100-105	1.001	1110
110.0	2.031	1.054	2.031	1.015	1.953	2.812	1.914	2.773	105-110	1.008	1111
115.0	2.109	1.210	2.070	1.132	2.070	2.851	2.031	2.851	110-115	1.010	1112
120.0	2.187	1.367	2.109	1.289	2.187	2.890	2.187	2.890	115-120	1.013	1113
125.0	2.226	1.484	2.148	1.445	2.343	2.929	2.265	2.929	120-125	1.004	1114
130.0	2.304	1.601	2.187	1.523	2.421	3.007	2.382	3.007	125-130	0.984	1115
135.0	2.382	1.757	2.304	1.679	2.539	3.046	2.460	3.046	130-135	0.952	1116
140.0	2.460	1.835	2.343	1.757	2.656	3.125	2.539	3.125	135-140	0.905	1117
145.0	2.539	1.953	2.460	1.914	2.734	3.125	2.617	3.125	140-145	0.841	1118
150.0	2.617	2.109	2.500	2.031	2.851	3.203	2.734	3.164	145-150	0.768	1119
155.0	2.773	2.265	2.656	2.187	2.929	3.203	2.773	3.164	150-155	0.682	1119
160.0	2.851	2.421	2.734	2.343	3.007	3.242	2.812	3.203	155-160	0.583	1120
165.0	2.929	2.539	2.851	2.500	3.046	3.242	2.851	3.164	160-165	0.470	1120
170.0	3.007	2.656	2.929	2.617	3.085	3.242	2.890	3.203	165-170	0.346	1121
175.0	3.085	2.734	3.007	2.734	3.085	3.164	2.851	3.164	170-175	0.212	1121
180.0	3.125	2.812	3.046	2.812	3.164	3.125	2.851	3.046	175-180	0.071	1121
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

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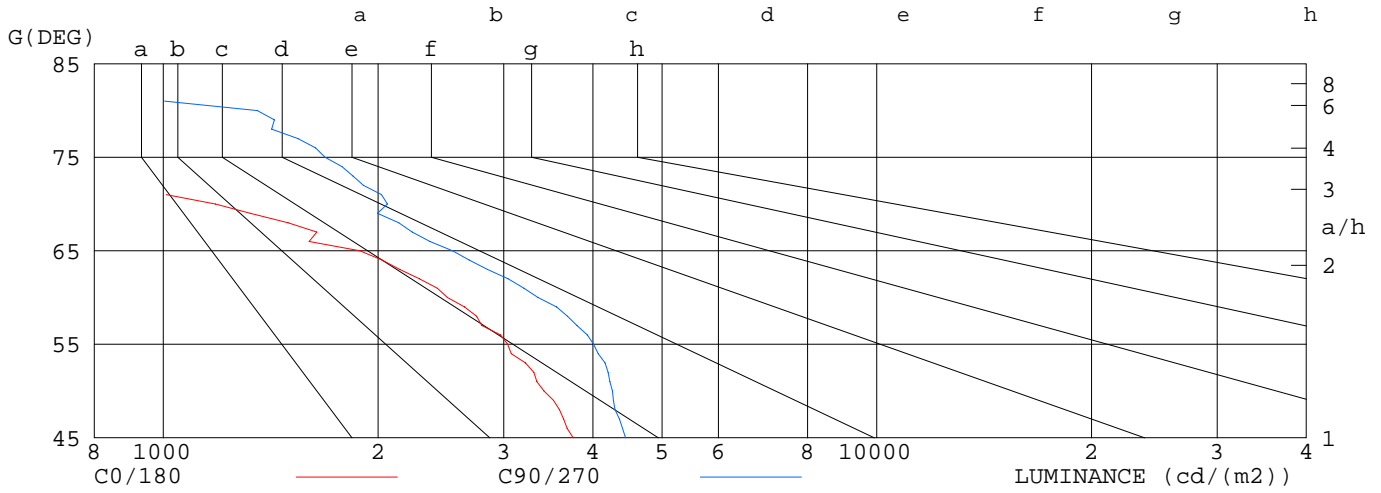
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:		
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NAME: LL-5350-B-18#-3K	TYPE: LL-5350-B-18#-3K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



G (DEG)	LUMINANCE cd/(m2)	
	C0/180	C90/270
85	282	560
80	238	1354
75	305	1686
70	1183	2060
65	1886	2543
60	2502	3352
55	3038	4009
50	3416	4261
45	3754	4445

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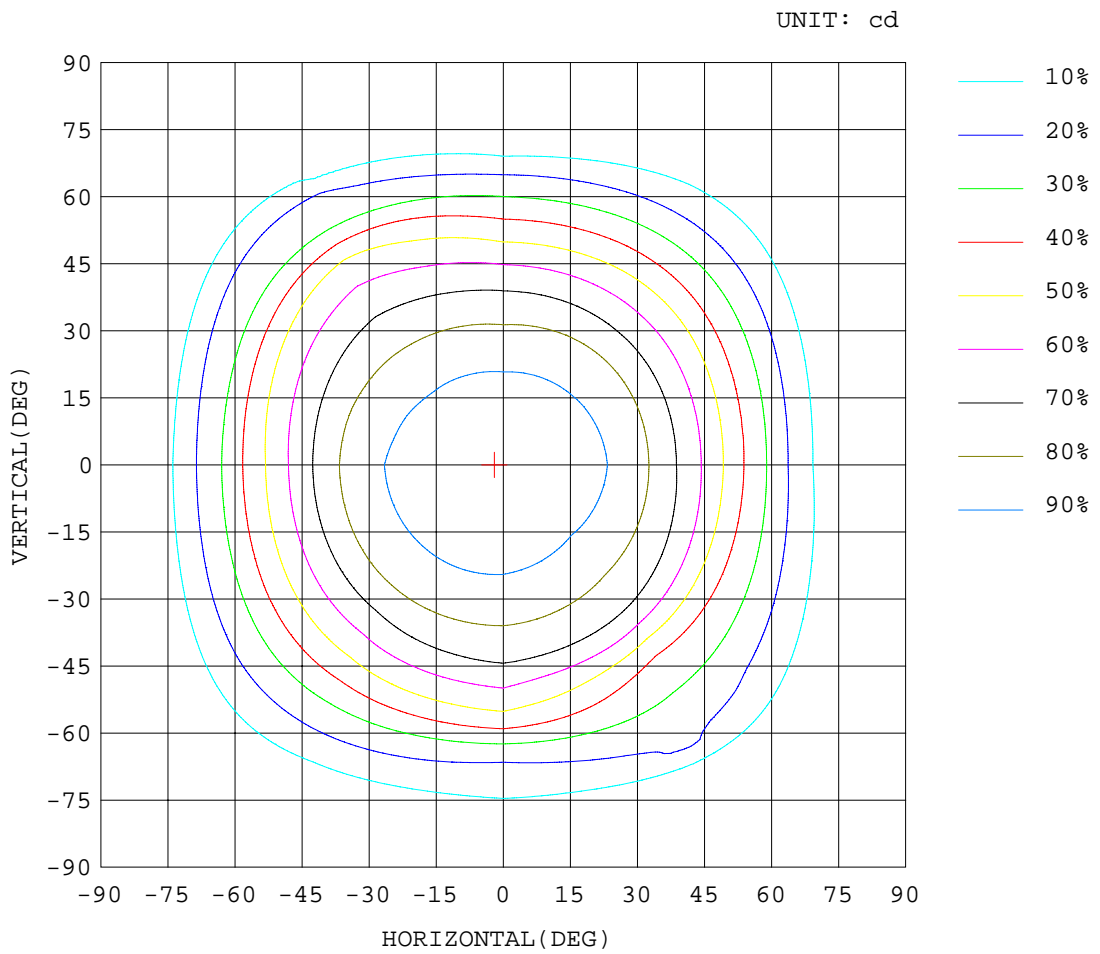
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ISOCANDELA DIAGRAM

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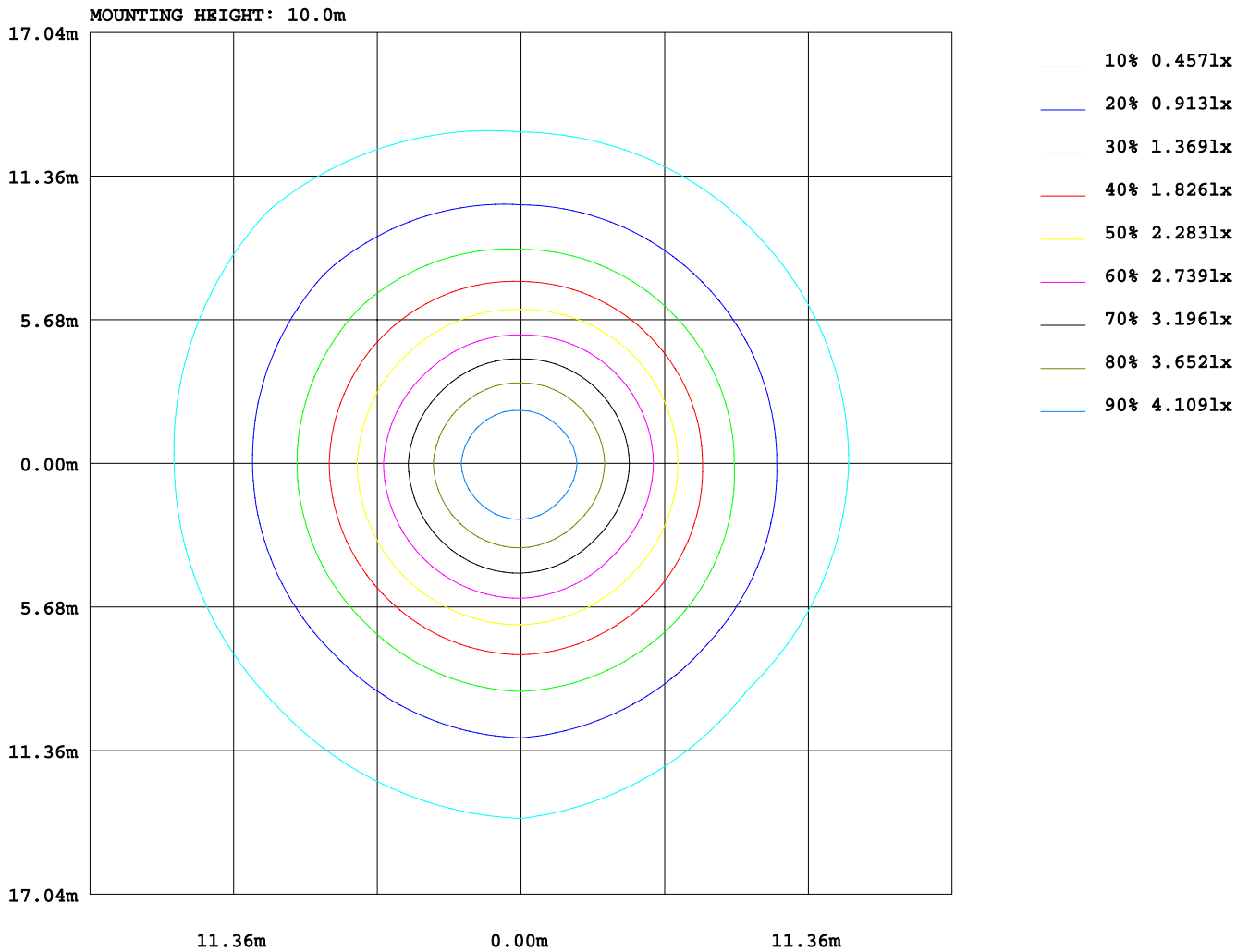
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ISOLUX DIAGRAM

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