

Luminaire Property

Luminaire Manufacturer:
 Luminaire Category: LED
 Lamp Catalog: CO
 Lumens per Lamp: 613
 Luminous Width (mm): 42
 Voltage: 229.9 V
 Power: 13.82 W

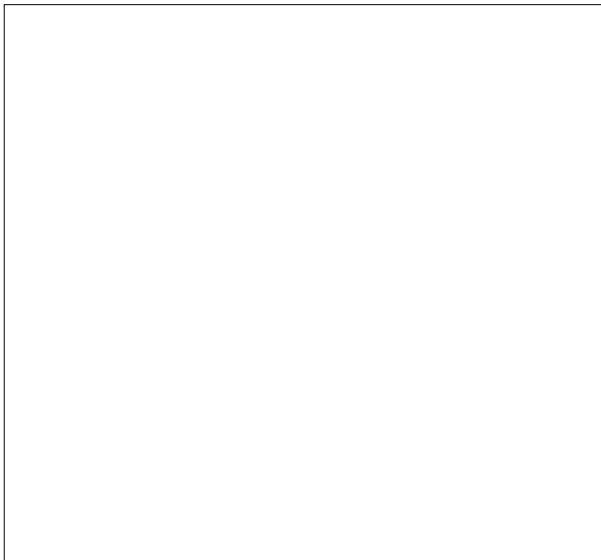
Luminaire Description: MJ-2022-20度
 Number of Lamps: 1
 Luminous Length (mm): 42
 Luminous Height (mm): 32
 Current: 0.101 A
 Power Factor: 0.596

Photometric Results

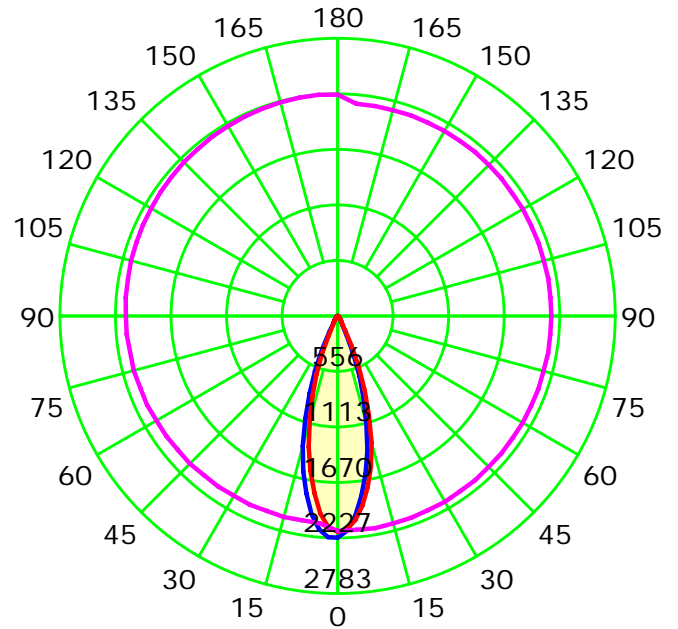
CIE Class: Direct
 Measurement Flux: 717.8 lm
 Downward Ratio: 117.10%
 Field Angle: H52.0 V51.8
 Luminaire Efficacy Rating (LER): 52
 Max. Intensity: 2227.13 cd

Total Rated Lamp Lumens: 613.0 lm
 Efficiency: 117.10%
 Upward Ratio: 0.00%
 Beam Angle: H32.2 V32.1
 Central Intensity: 2222.86 cd
 Pos of Max. Intensity: H185 V2.5

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

— C0-C180 — C90-C270 — G2.5

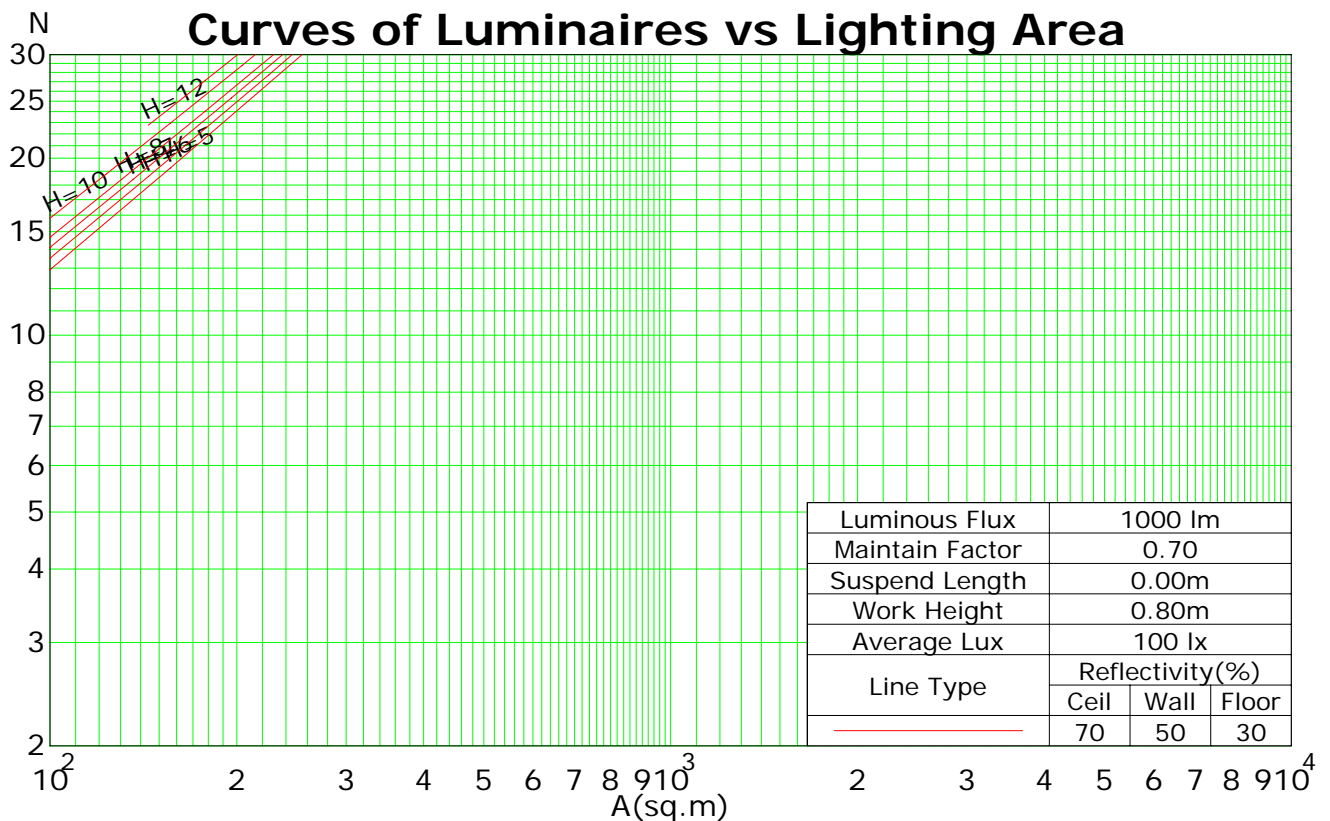
C Plane (°):0.0-360.0: 5.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator: 1

Gamma Plane (°):0.0-90.0:2.5
 Test Device: GPM-1600L
 Distance: 8.961 m
 Humidity:
 Inspector:

Coefficients Of Utilization - Zonal Cavity Method

RC	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.3	0.3	0.3	0.1	0.1	0.1	0
RW	0.7	0.5	0.3	0.1	0.7	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0
RCR	RF = 0.2																	
0	139	139	139	139	136	136	136	136	130	130	130	125	125	125	119	119	119	117
1	134	131	129	127	131	129	127	125	124	123	121	120	119	117	116	115	114	112
2	129	124	121	117	127	123	119	116	119	116	114	115	113	111	112	110	109	107
3	124	118	114	110	122	117	112	109	114	110	107	111	108	106	109	106	104	102
4	120	113	108	104	118	112	107	103	109	105	102	107	104	101	105	102	100	98
5	116	108	102	99	114	107	102	98	105	101	97	103	99	96	101	98	96	94
6	112	103	98	94	110	103	97	94	101	96	93	99	96	92	98	95	92	91
7	108	99	94	90	106	99	93	90	97	93	89	96	92	89	95	91	88	87
8	104	96	90	86	103	95	90	86	94	89	86	93	89	86	92	88	85	84
9	101	92	87	83	100	92	87	83	91	86	83	90	86	83	89	85	82	81
10	98	89	84	80	97	89	84	80	88	83	80	87	83	80	86	82	80	78

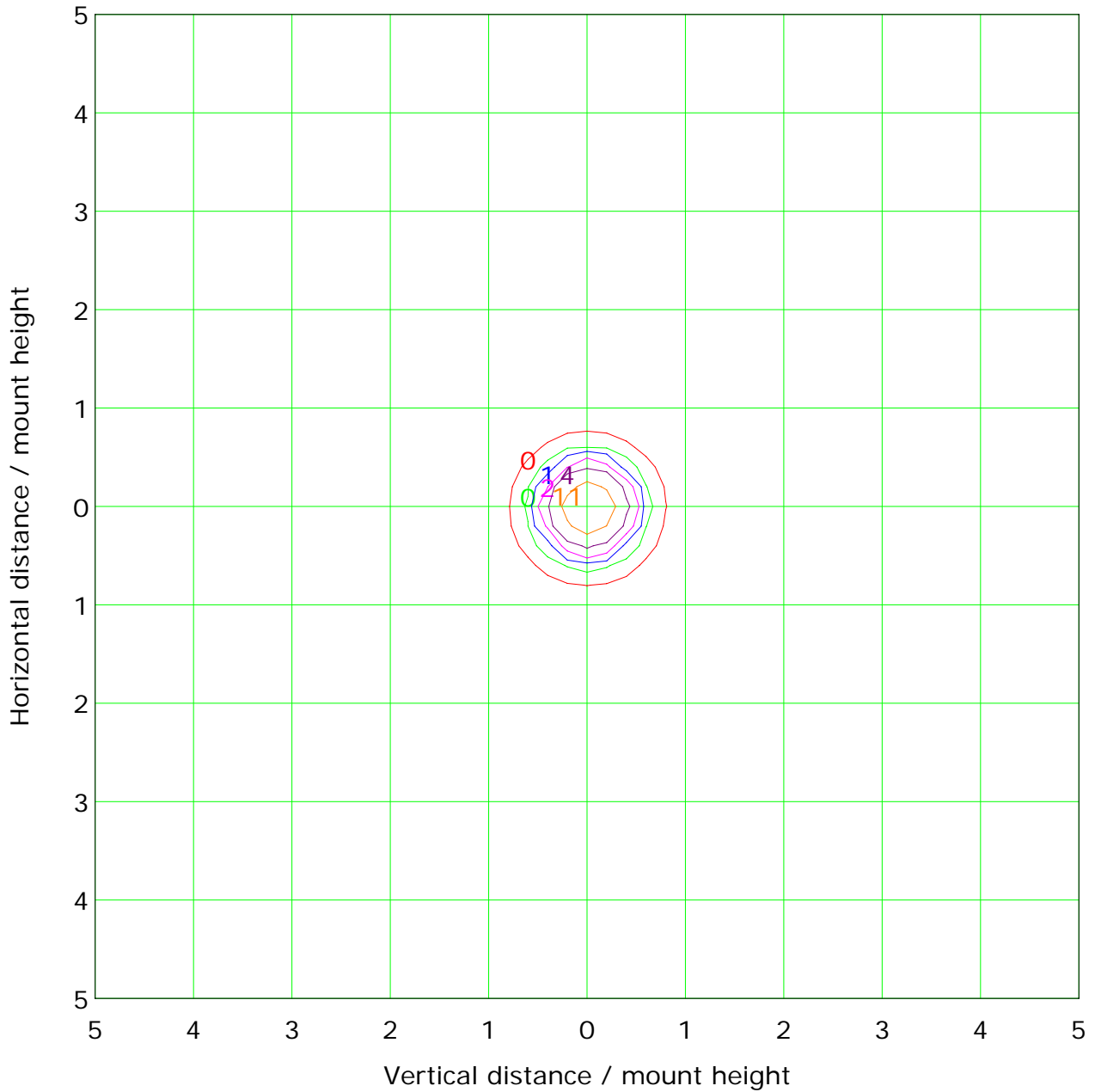
Spacing Criteria (0-180): 0.54
 Spacing Criteria (90-270): 0.53
 Spacing Criteria (Diagonal): 0.53



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IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 22.3 lx

— (1%): 0.2 lx	— (2%): 0.4 lx
— (5%): 1.1 lx	— (10%): 2.2 lx
— (20%): 4.5 lx	— (50%): 11.1 lx
— (100%): 22.3 lx	

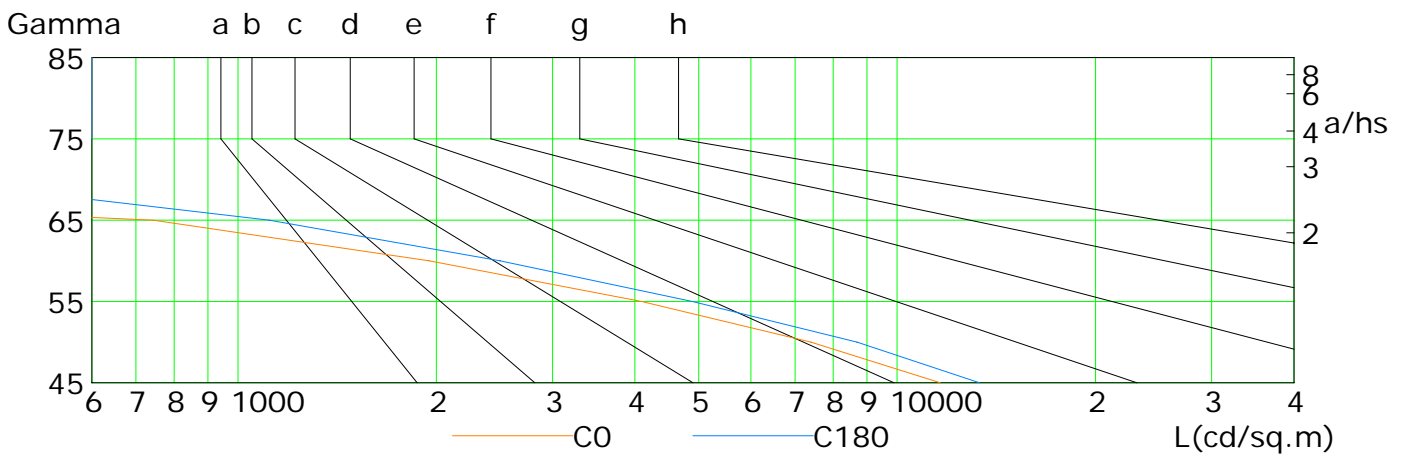
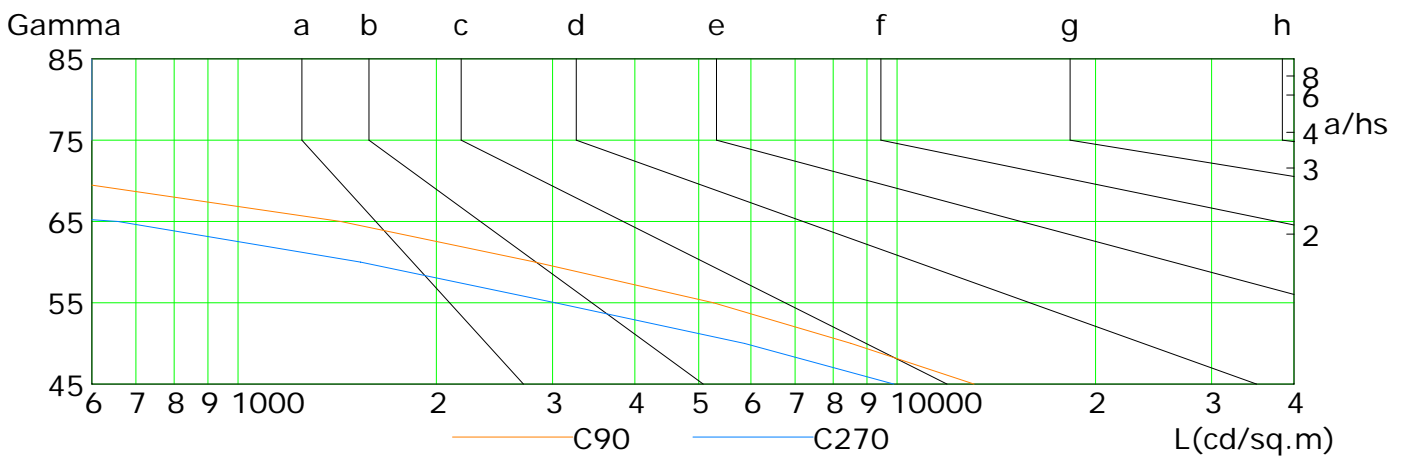
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Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
		2000	1000	500	<=300				
1.15	A								
1.50	B								
1.85	C								
2.20	D								
2.55	E								

a b c d e f g h

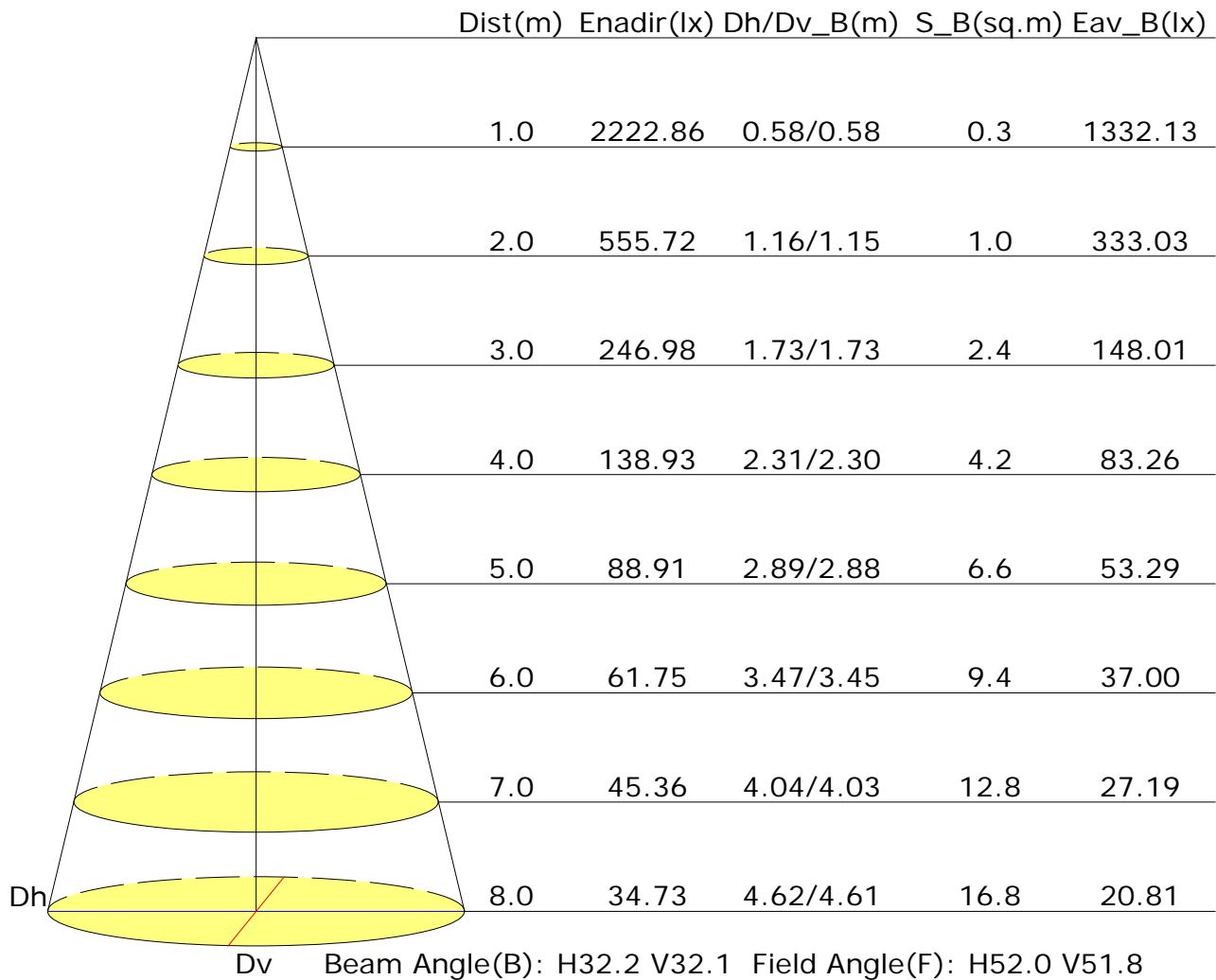


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	11626	7400	4094	1950	744	32	0	0	0
C90	13082	8514	5263	2825	1431	541	0	0	0
C180	13337	8694	4889	2498	1115	332	0	0	0
C270	9888	5866	3029	1535	657	91	0	0	0

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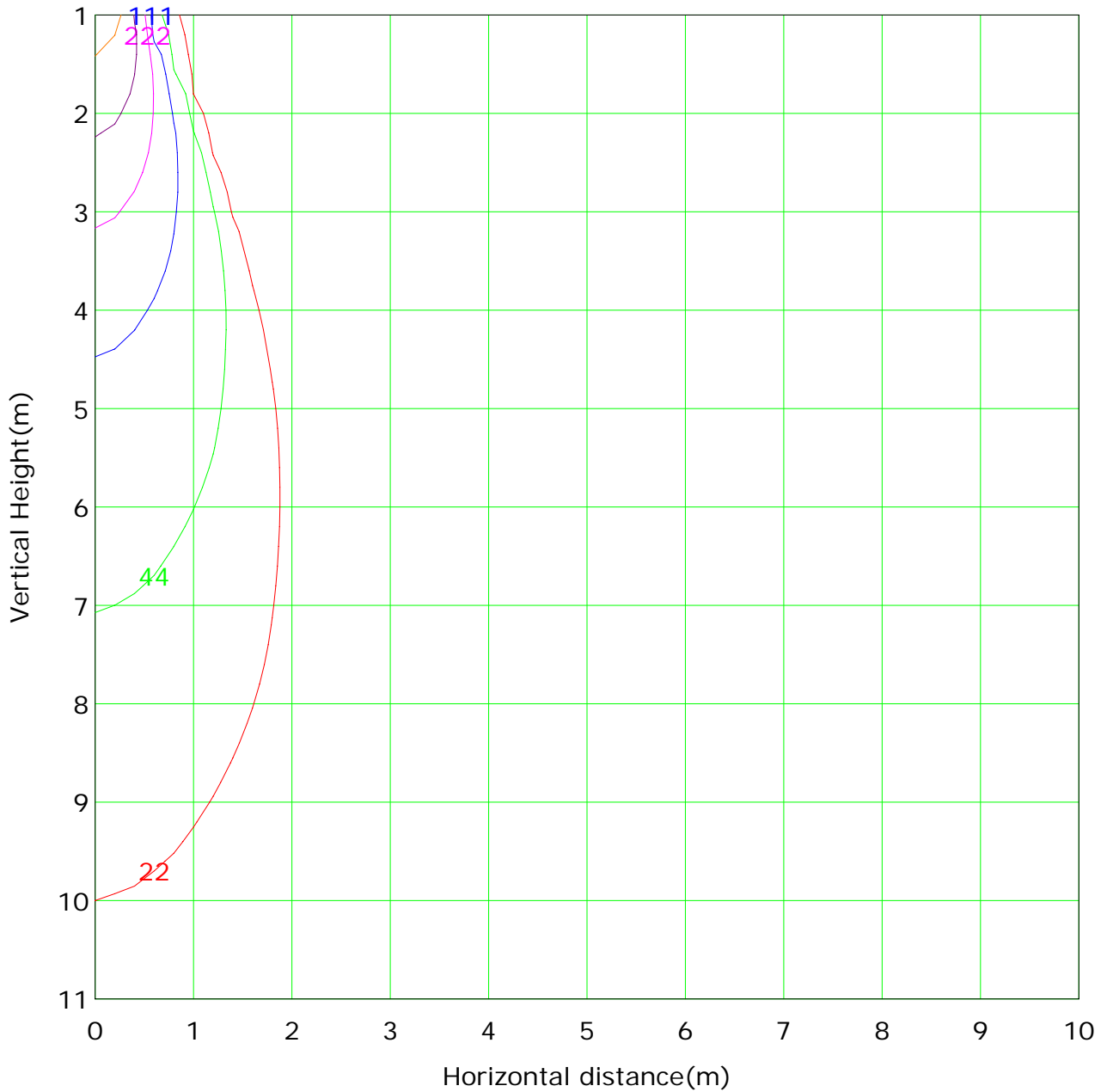
Illuminance at a Distance



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 Distance: 8.961 m
 Humidity:
 Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 2222.9 lx

— (1%): 22.2 lx	— (2%): 44.5 lx
— (5%): 111.1 lx	— (10%): 222.3 lx
— (20%): 444.6 lx	— (50%): 1111.4 lx
— (100%): 2222.9 lx	

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