

Report No.: 1

Test Time: 2017-01-09 14:18

Luminaire Property

Luminaire Category: 0124.W.A931.6
Luminaire Description: 60048
Length (mm): 225
Height (mm): 10
Current: 0.101 A
Power Factor: 0.968

Luminaire Manufacturer: Brasled
Width (mm): 225
Voltage: 230.2 V
Power: 22.59 W

Photometric Results

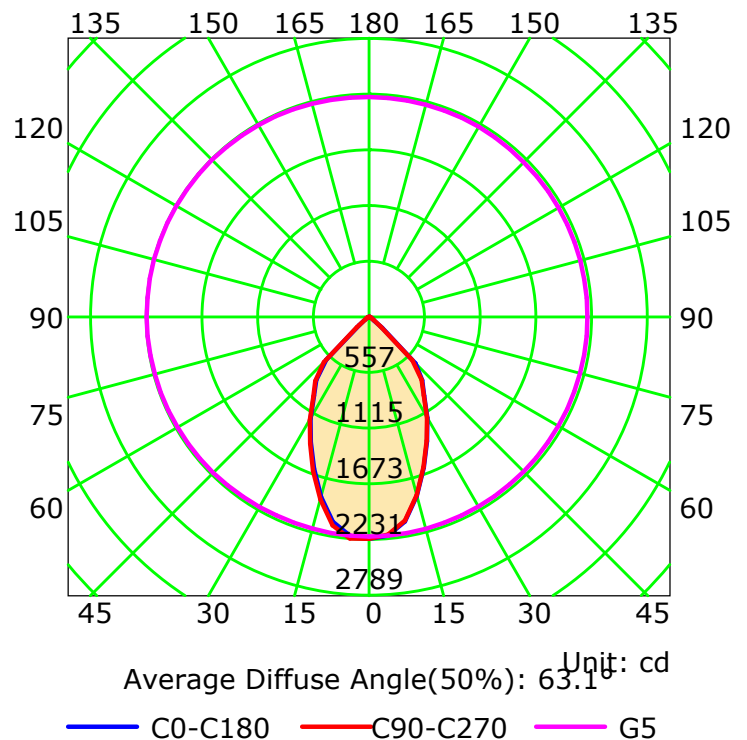
CIE Class: Direct
Measurement Flux: 2527.3 lm
Downward Ratio: 100%
Field Angle: H98.6 V98.6
Luminaire Efficacy Rating (LER): 112
Max. Intensity: 2231.45 cd

Total Rated Lamp Lumens: 2527.3 lm
Efficiency: 100%
Upward Ratio: 0%
Beam Angle: H63.0 V63.1
Central Intensity: 2222.23 cd
Pos of Max. Intensity: H247.5 V5

Picture Of Luminaire



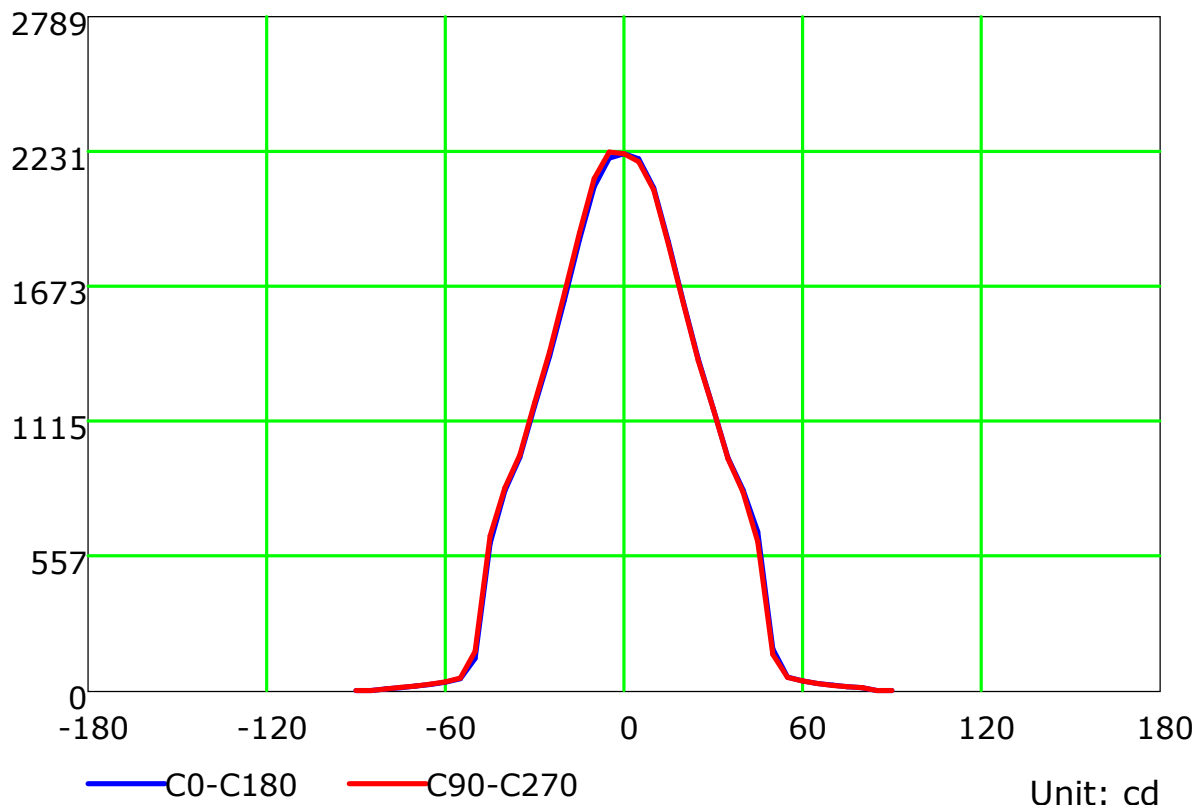
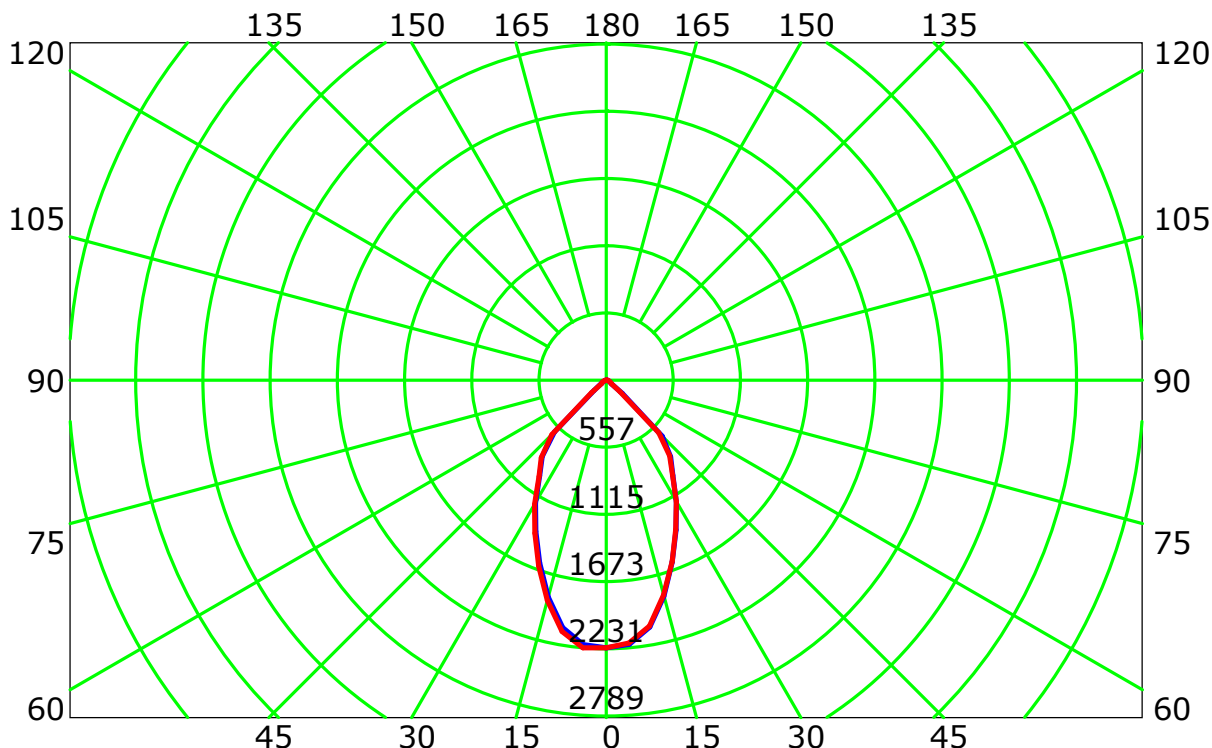
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5
Test Lab: Brasled
Test Type: TYPE C
Temperature: 26
Operator:

Gamma Plane (°):0.0-90.0:5.0
Test Device: LSG-1200A
Distance: 1.0 m
Humidity: 60
Inspector:

Luminous Intensity Distribution Curve



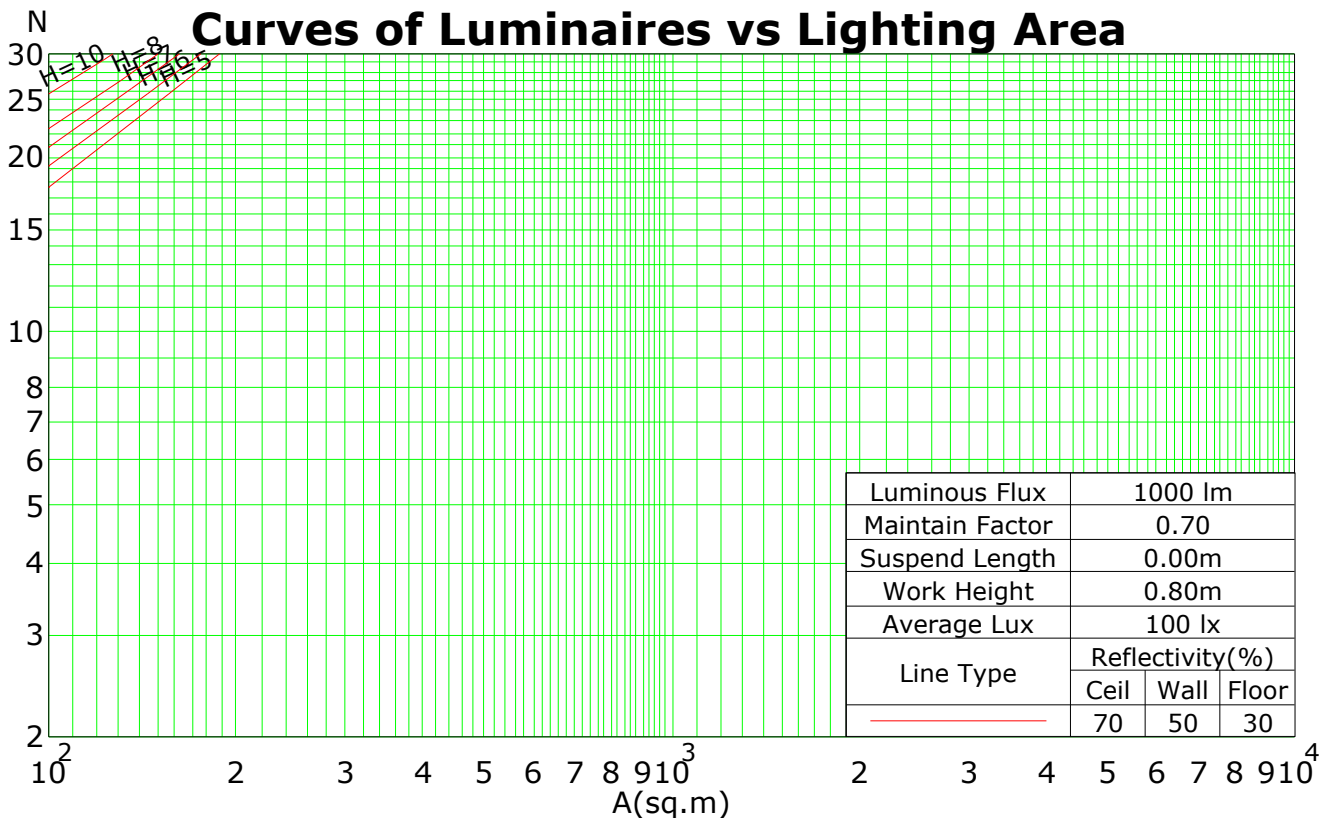
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Coefficients Of Utilization - Zonal Cavity Method

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	113	110	107	104	110	107	105	103	103	101	99	100	98	96	96	95	94	92
2	106	101	96	92	104	99	95	91	96	92	89	93	90	87	90	87	85	84
3	100	93	87	82	98	91	86	82	88	84	80	86	82	79	84	80	78	76
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69
5	88	79	72	67	87	78	72	67	76	71	66	74	69	66	73	68	65	63
6	83	73	66	61	81	72	66	61	71	65	61	69	64	60	68	63	60	58
7	78	68	61	56	77	67	61	56	66	60	56	65	59	55	63	59	55	54
8	74	63	56	52	73	63	56	52	61	56	52	60	55	51	59	55	51	50
9	70	59	52	48	69	59	52	48	58	52	48	57	51	48	56	51	47	46
10	66	55	49	45	65	55	49	45	54	48	44	53	48	44	52	48	44	43

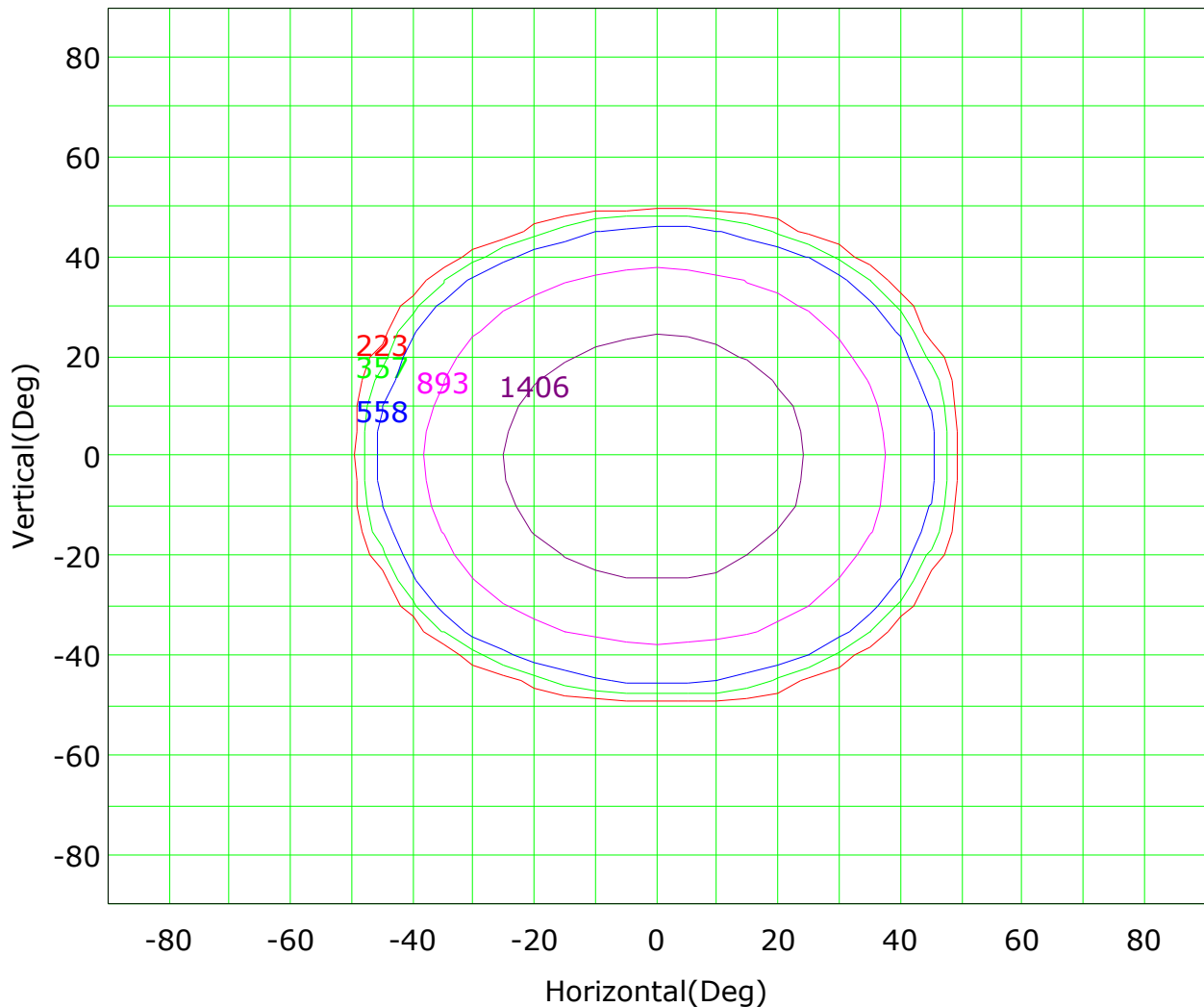
Spacing Criteria (0-180): 0.87
 Spacing Criteria (90-270): 0.88
 Spacing Criteria (Diagonal): 0.97



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Isocandela (rectangle)



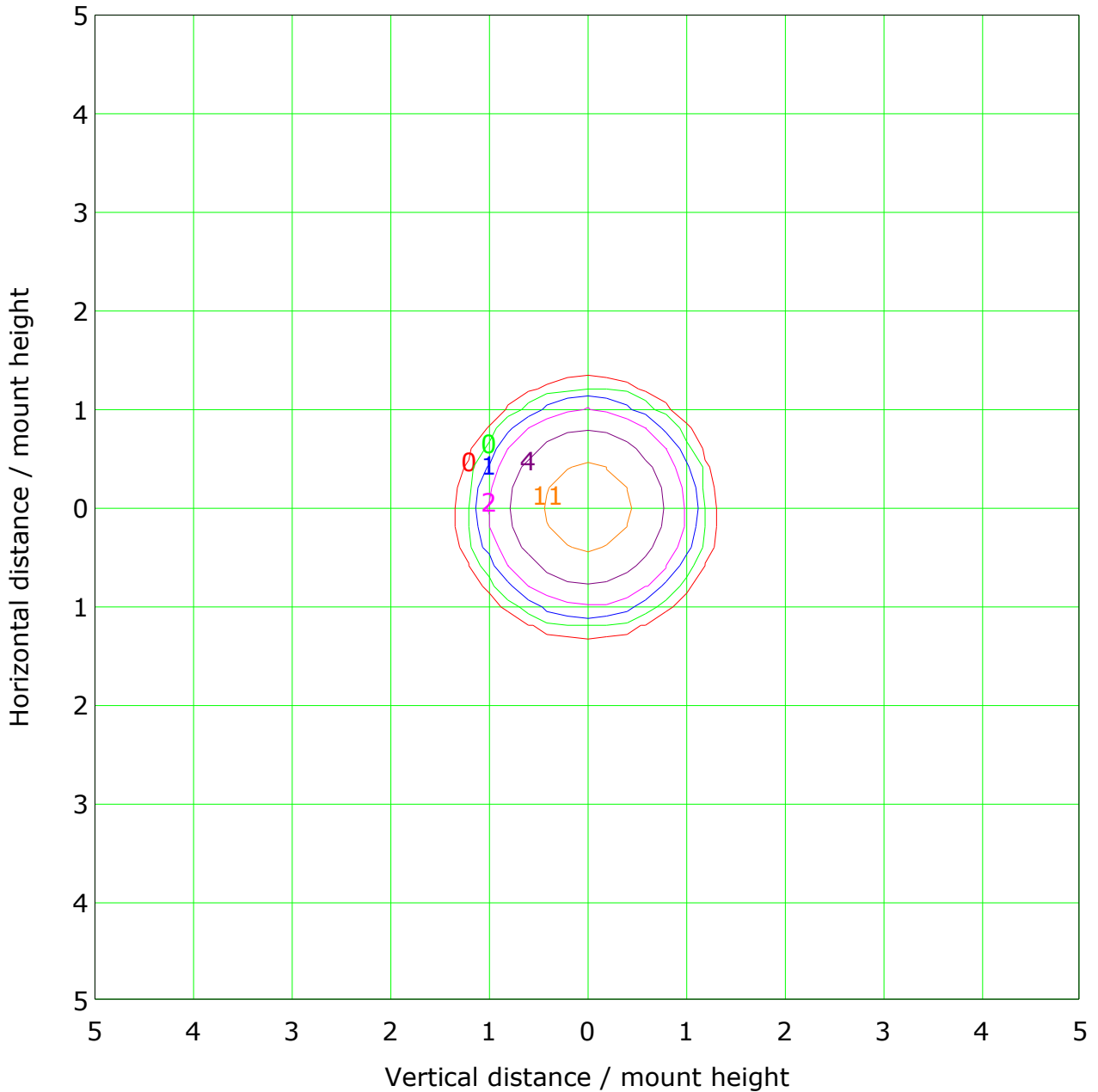
Imax (100%): 2231 cd

— (10%): 223 cd	— (16%): 357 cd
— (25%): 558 cd	— (40%): 893 cd
— (63%): 1406 cd	— (100%): 2231 cd

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IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 22.2 lx

— (1%): 0.2 lx	— (2%): 0.4 lx
— (5%): 1.1 lx	— (10%): 2.2 lx
— (20%): 4.4 lx	— (50%): 11.1 lx
— (100%): 22.2 lx	

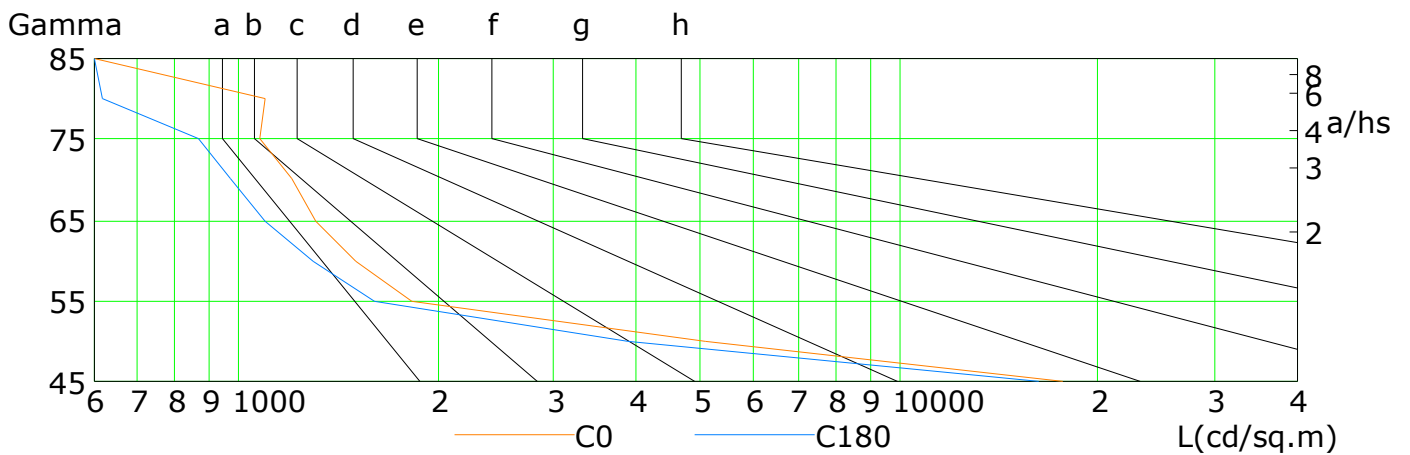
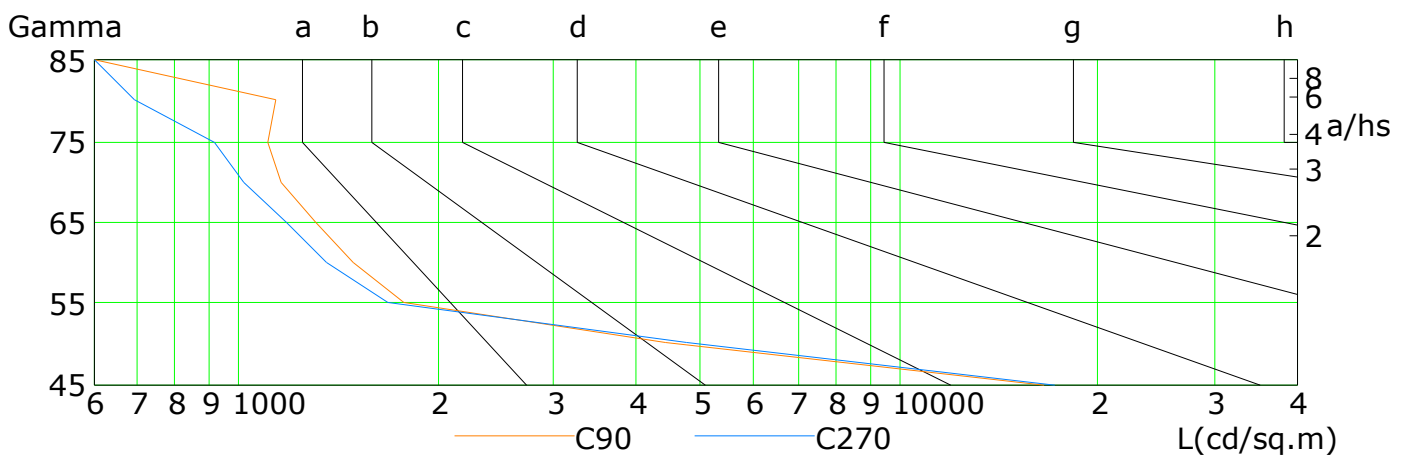
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Lum Limit Curve

Dazzle	Quality	Illuminance (lx)								
		2000	1000	500	<=300					
1.15	A									
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	

a b c d e f g h

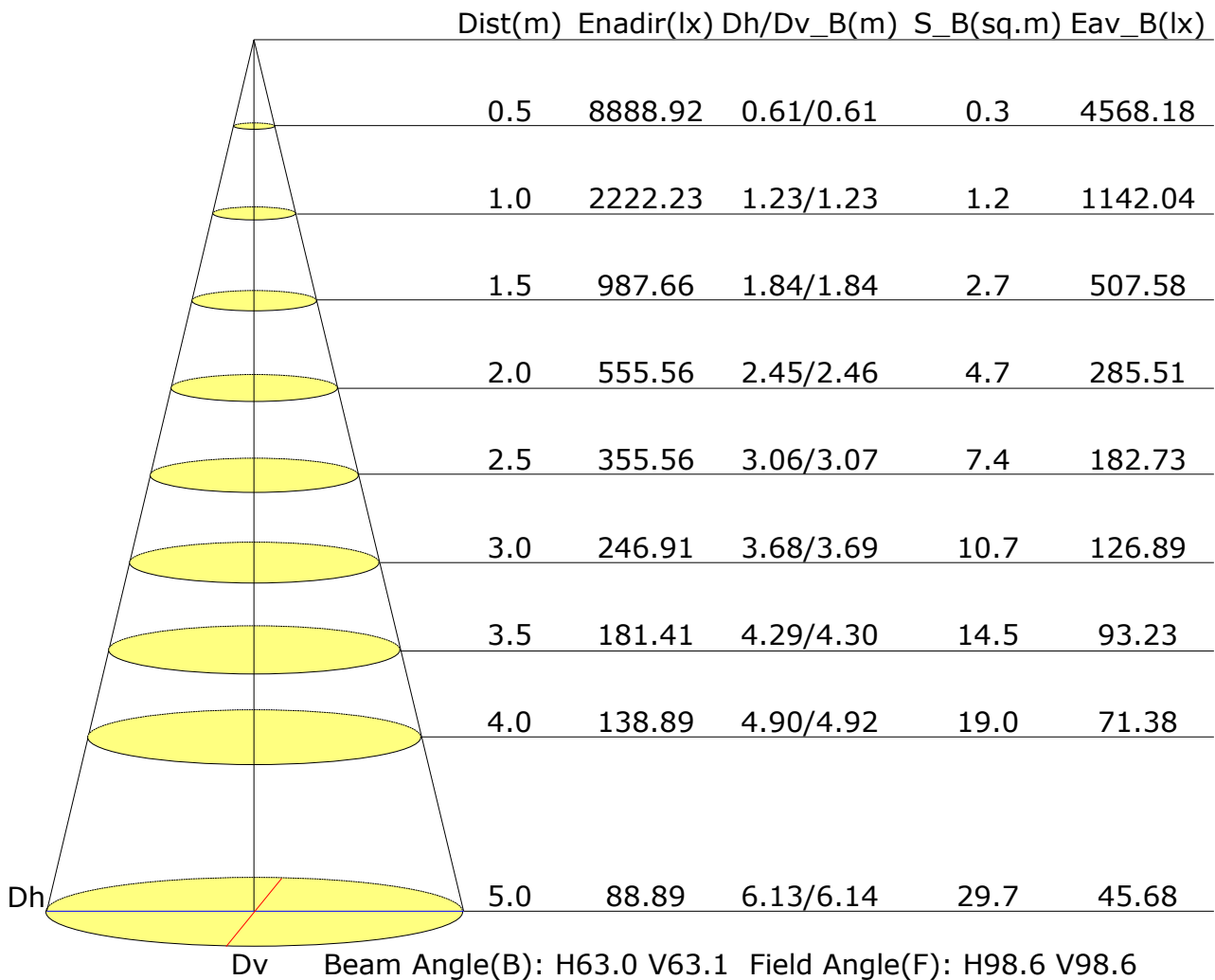


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	17593	5065	1817	1500	1300	1197	1076	1093	0
C90	16489	4398	1778	1485	1300	1155	1102	1129	0
C180	16306	3872	1596	1294	1095	970	866	619	0
C270	17143	4749	1675	1353	1180	1011	918	692	0

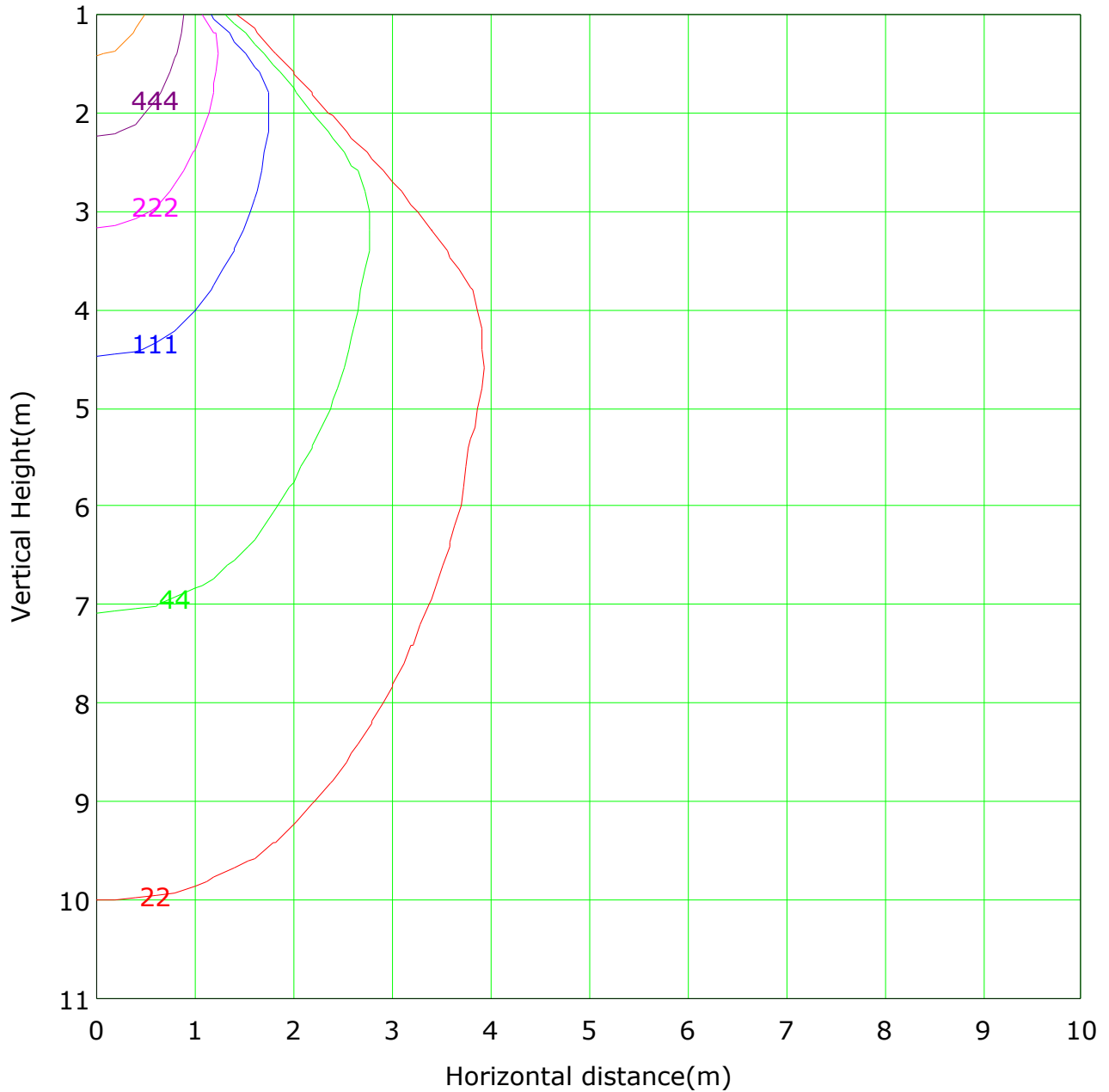
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 Humidity: 60
 Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 2222.2 lx

— (1%): 22.2 lx	— (2%): 44.4 lx
— (5%): 111.1 lx	— (10%): 222.2 lx
— (20%): 444.4 lx	— (50%): 1111.1 lx
— (100%): 2222.2 lx	

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The Average Illuminance Effective Figure

