

Report No.: 1

Test Time: 2017-01-13 08:34

Luminaire Property

Luminaire Category: 0409.WGB.A231.6

Luminaire Description: 60012

Length (mm): 156

Height (mm): 2

Current: 0.058 A

Power Factor: 0.978

Luminaire Manufacturer: Brasled

Width (mm): 156

Voltage: 230.1 V

Power: 13.01 W

Photometric Results

CIE Class: Direct

Measurement Flux: 905.2 lm

Downward Ratio: 100%

Field Angle: H60.6 V59.8

Luminaire Efficacy Rating (LER): 70

Max. Intensity: 3535.37 cd

Total Rated Lamp Lumens: 905.2 lm

Efficiency: 100%

Upward Ratio: 0%

Beam Angle: H20.7 V20.8

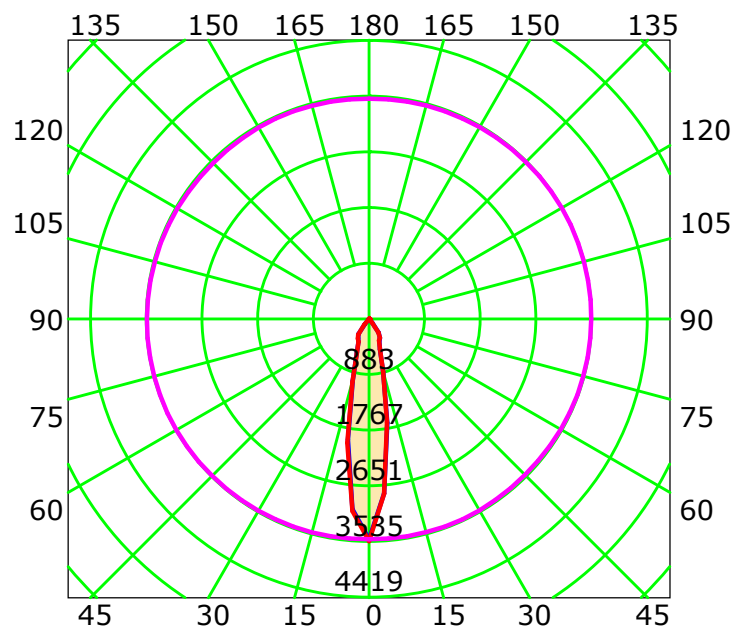
Central Intensity: 3498.7 cd

Pos of Max. Intensity: H112.5 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 20.8° Unit: cd

— C0-C180 — C90-C270 — G0

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

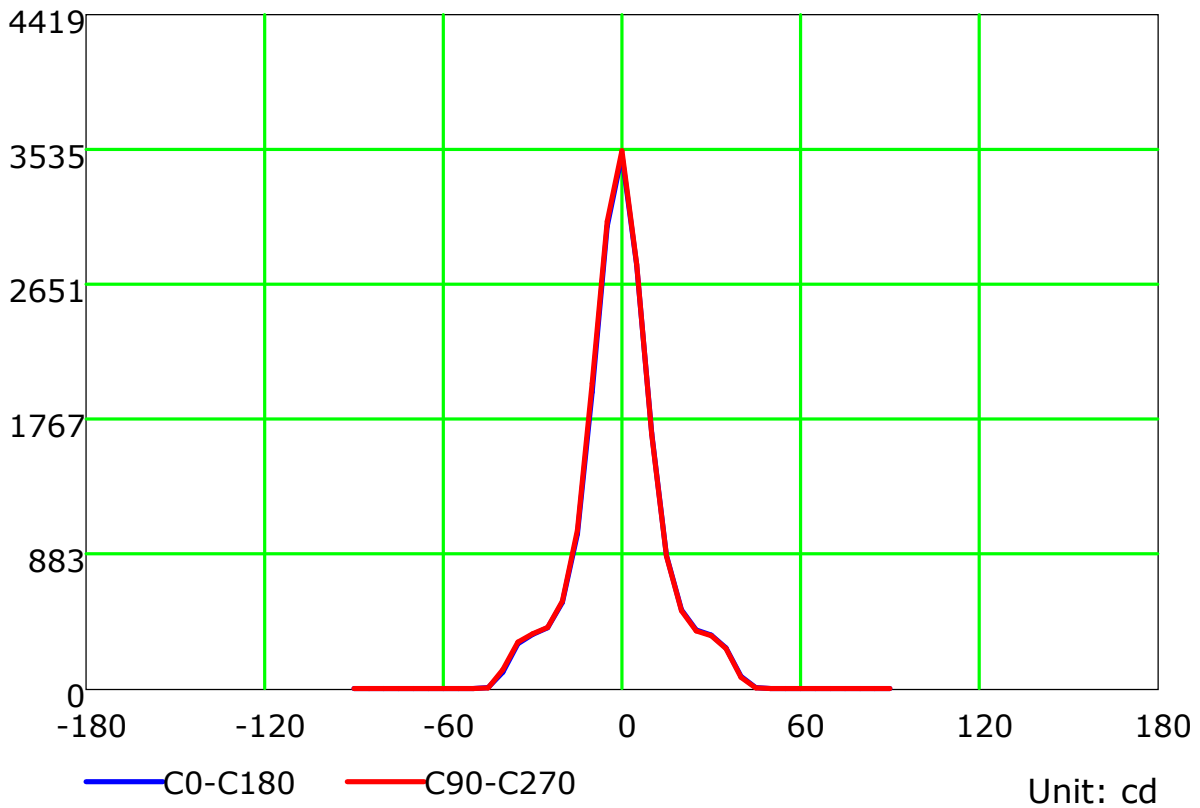
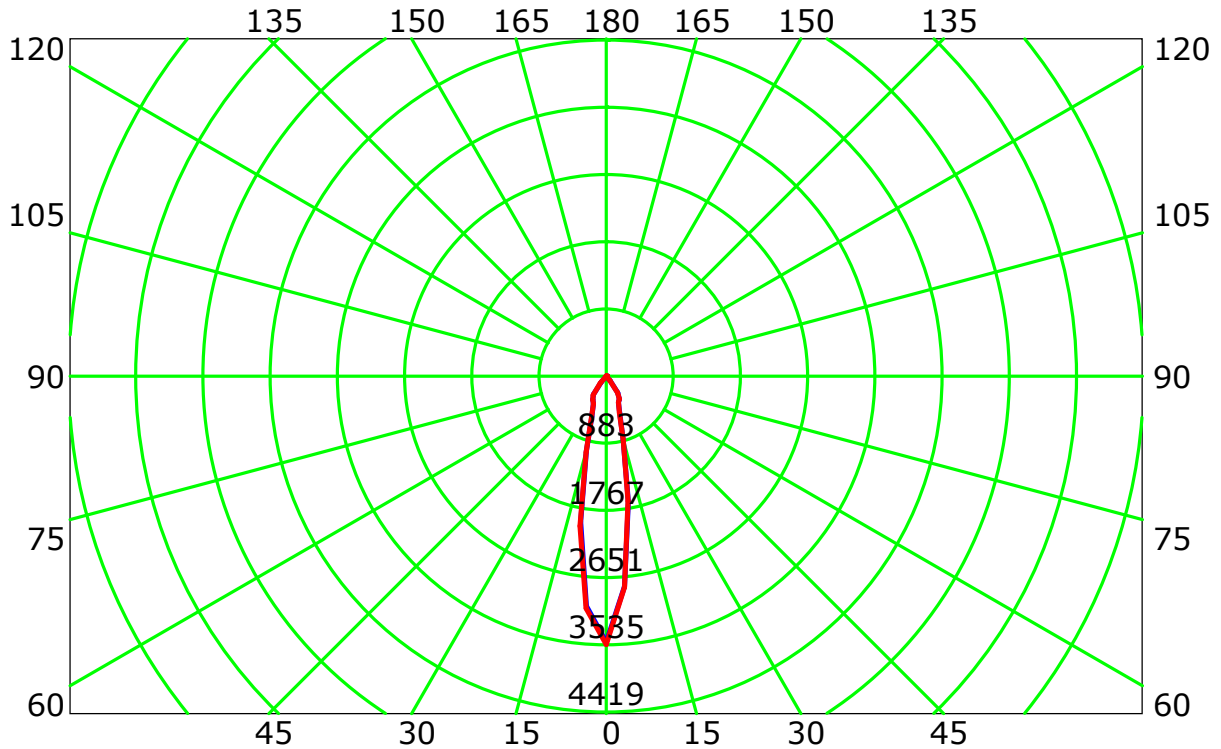
Test Device: LSG-1200A

Distance: 1.0 m

Humidity: 60

Inspector:

Luminous Intensity Distribution Curve



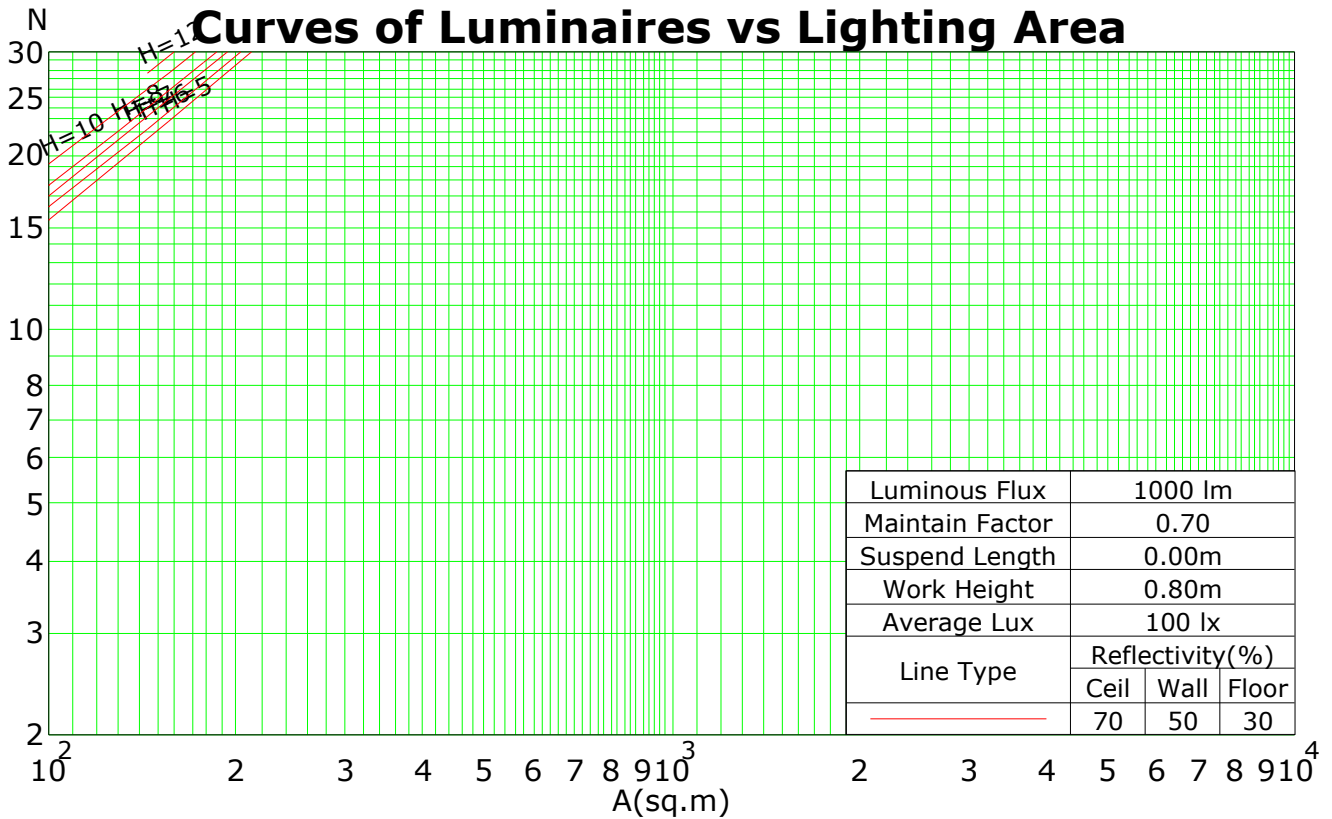
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Coefficients Of Utilization - Zonal Cavity Method

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	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95
2	110	106	102	99	108	104	101	98	101	98	96	98	96	94	95	94	92	91
3	105	100	96	93	104	99	95	92	96	93	90	94	91	89	92	90	88	86
4	101	95	90	87	100	94	90	86	92	88	85	90	87	84	88	86	84	82
5	97	90	86	82	96	90	85	82	88	84	81	86	83	80	85	82	80	78
6	94	86	81	78	92	86	81	78	84	80	77	83	79	77	82	79	76	75
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	72
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	69
9	84	76	71	68	83	76	71	68	75	70	68	74	70	67	73	70	67	66
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	64

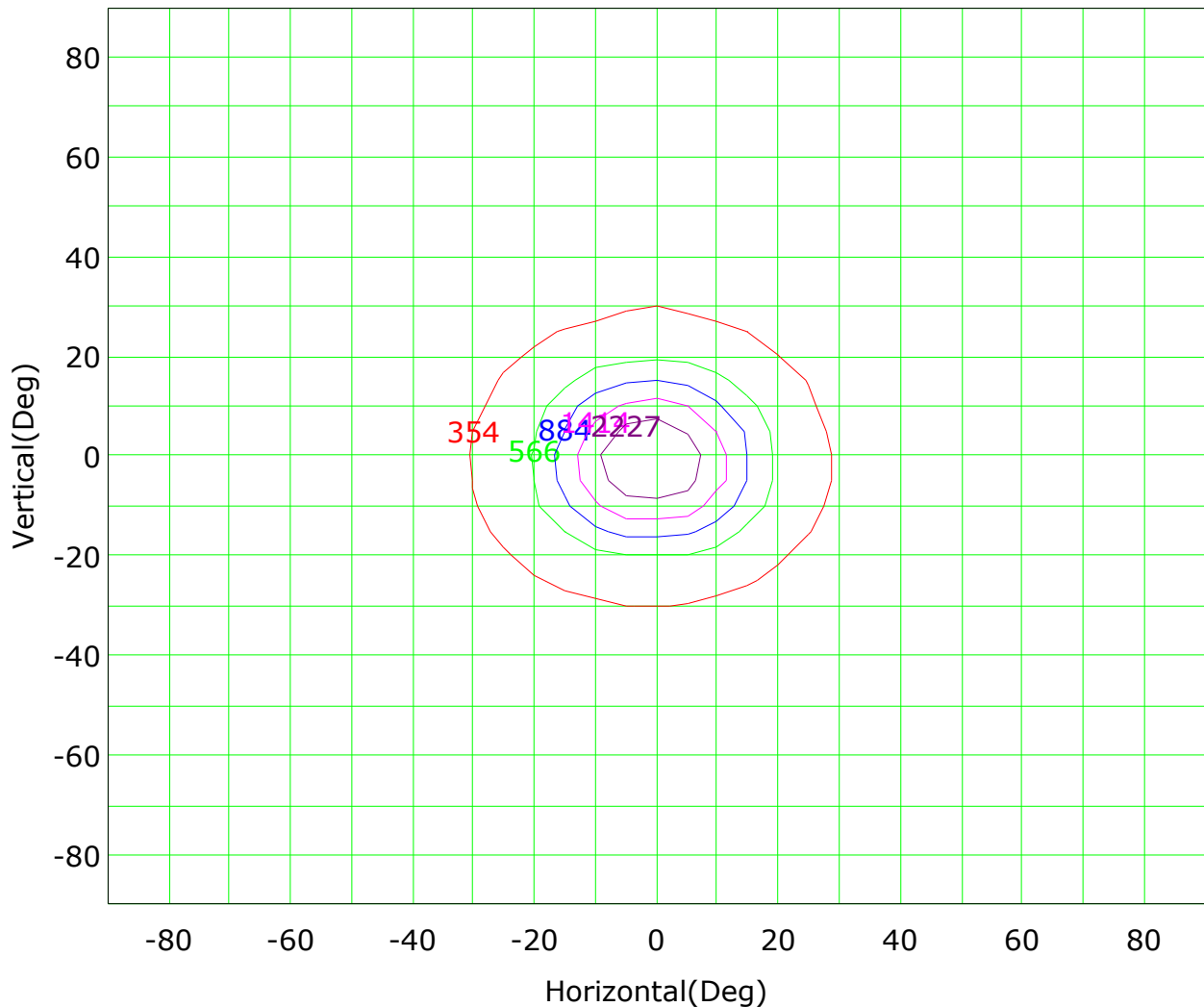
Spacing Criteria (0-180): 0.35
 Spacing Criteria (90-270): 0.35
 Spacing Criteria (Diagonal): 0.38



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Isocandela (rectangle)



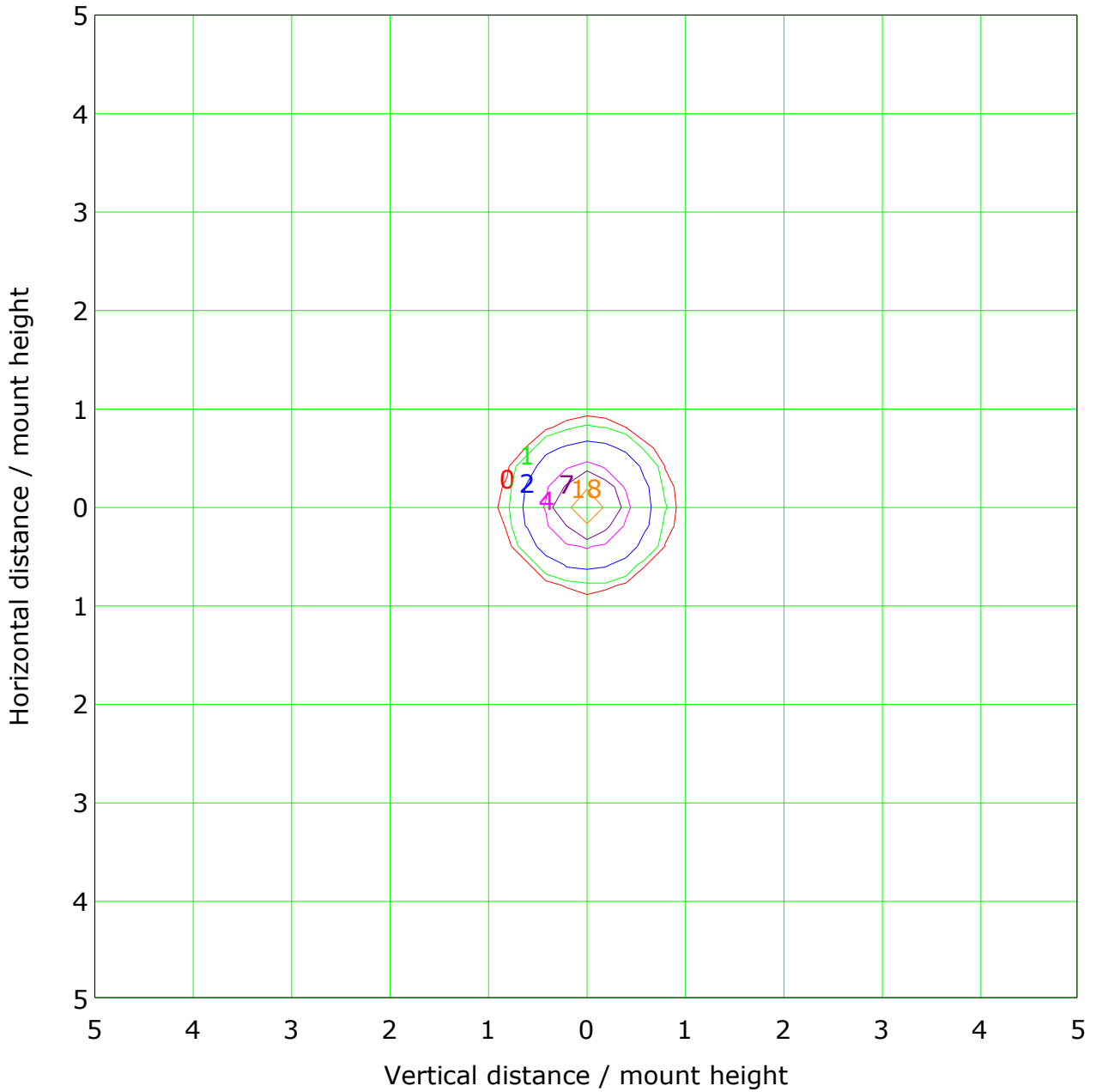
Imax (100%): 3535 cd

— (10%): 354 cd	— (16%): 566 cd
— (25%): 884 cd	— (40%): 1414 cd
— (63%): 2227 cd	— (100%): 3535 cd

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Distance: 1.0 m
Humidity: 60
Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 35.4 lx

— (1%): 0.4 lx	— (2%): 0.7 lx
— (5%): 1.8 lx	— (10%): 3.5 lx
— (20%): 7.1 lx	— (50%): 17.7 lx
— (100%): 35.4 lx	

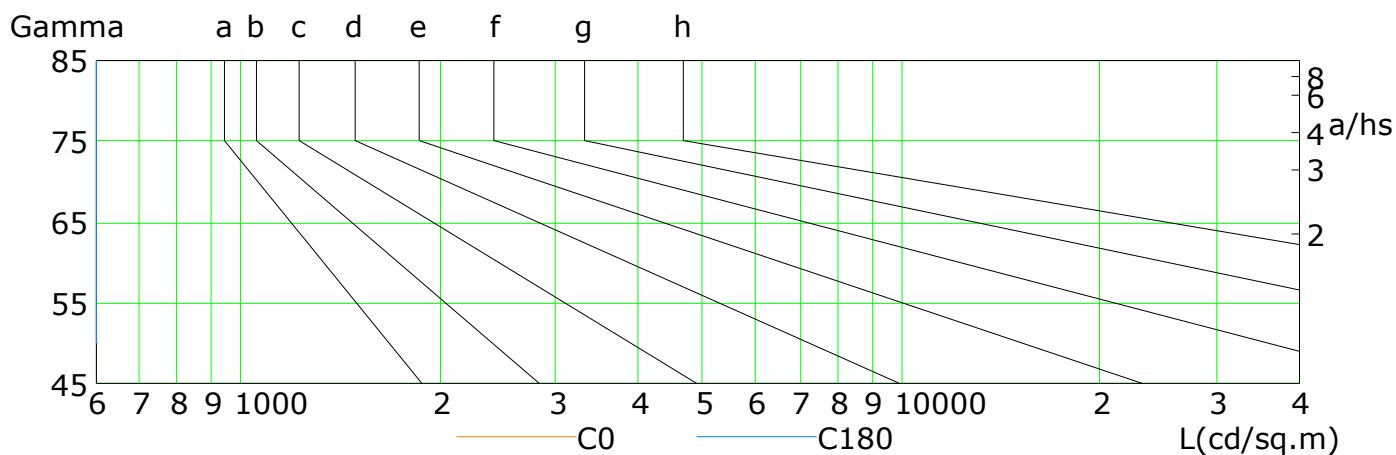
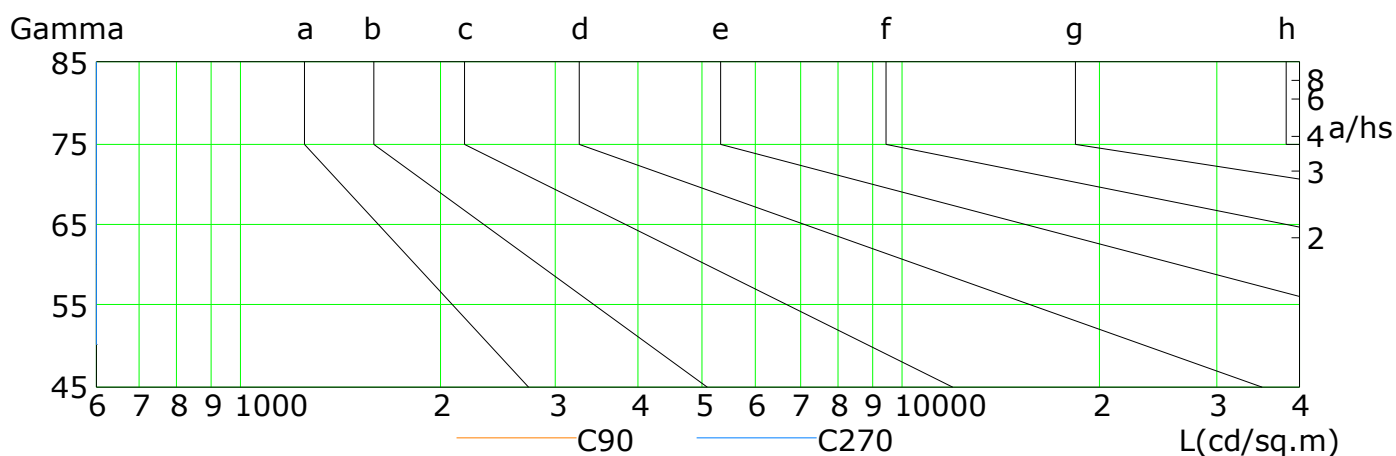
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Lum Limit Curve

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

a b c d e f g h

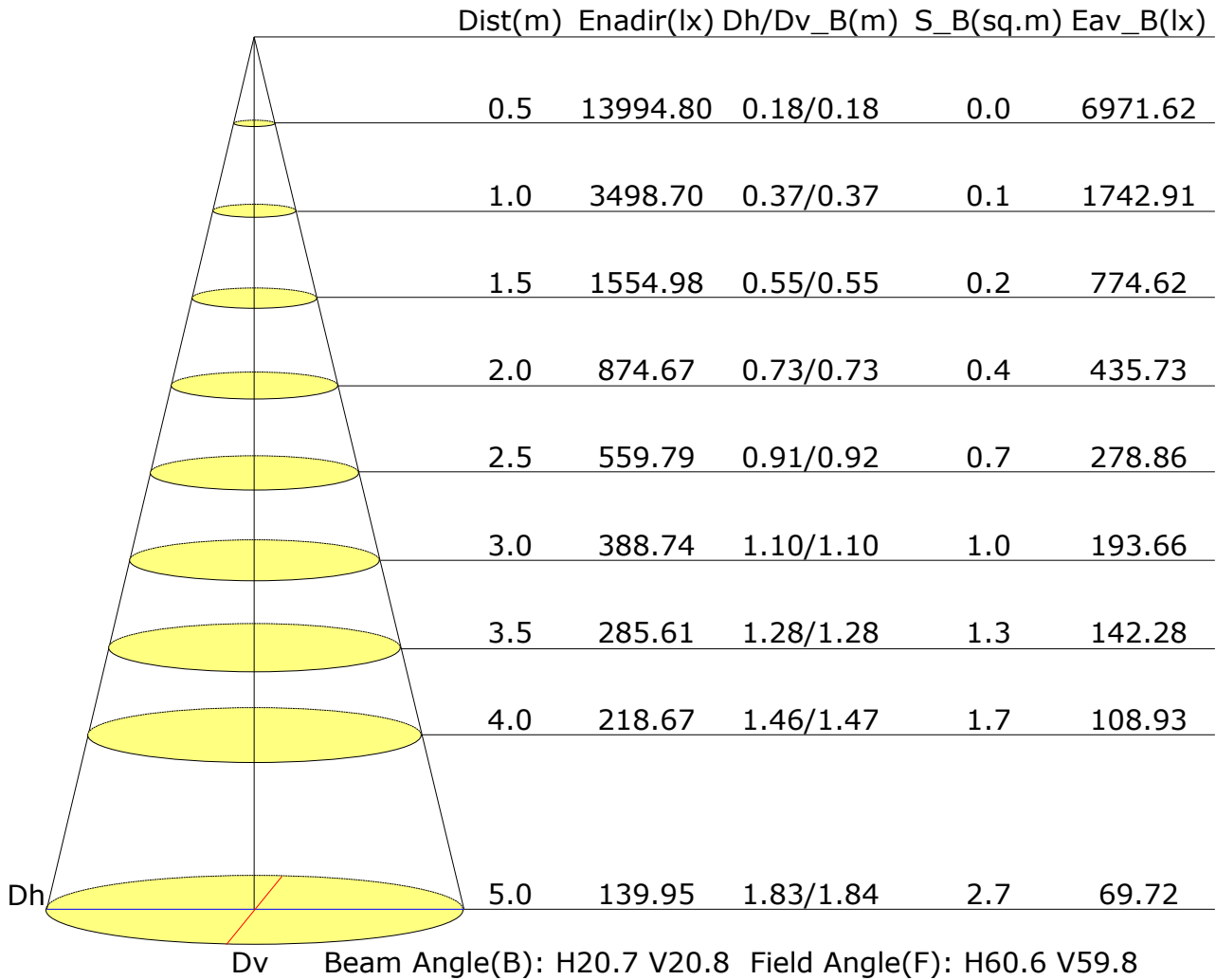


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	371	0	0	0	0	0	0	0	0
C90	283	0	0	0	0	0	0	0	0
C180	424	0	0	0	0	0	0	0	0
C270	353	0	0	0	0	0	0	0	0

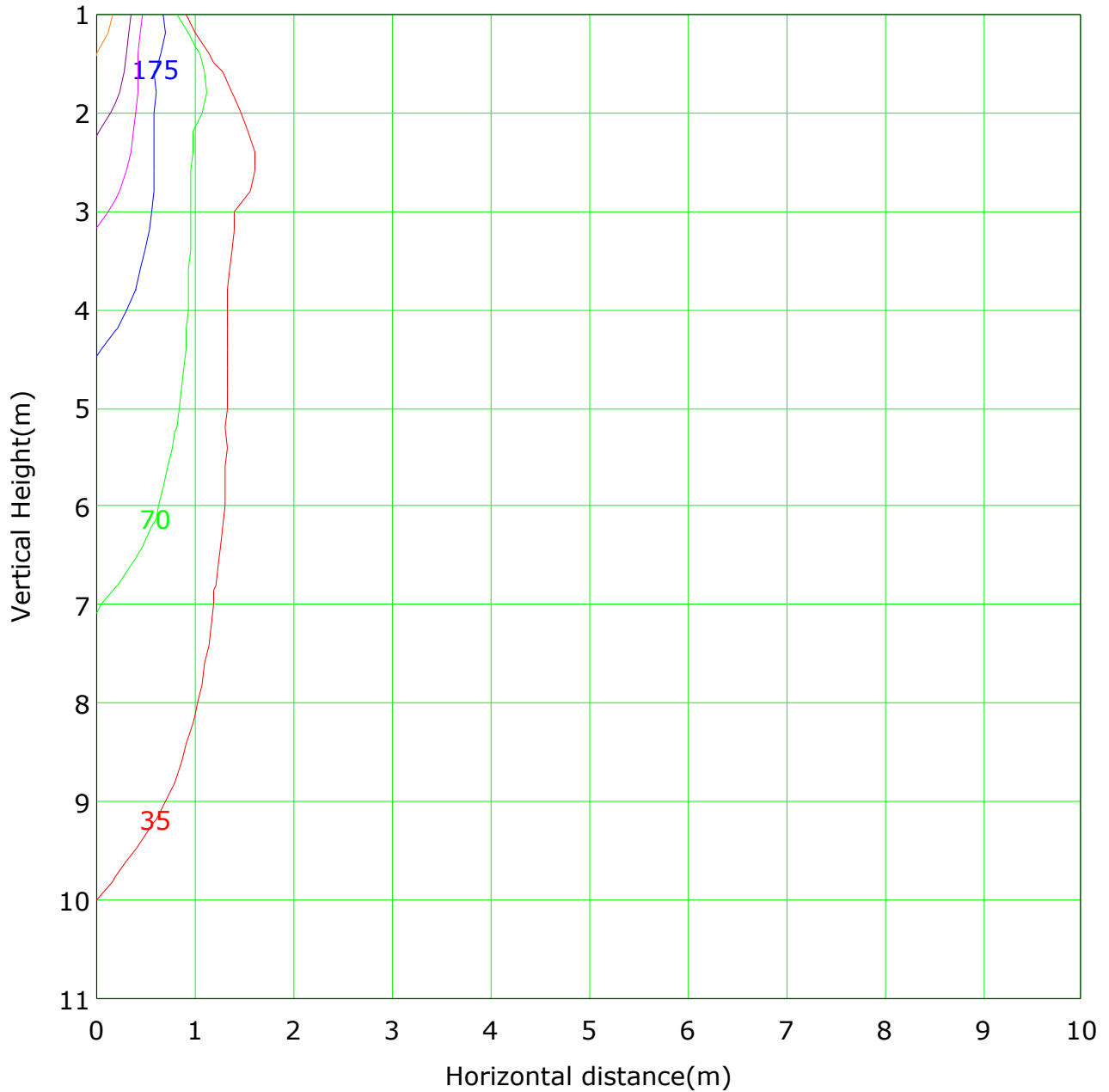
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 Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 3498.7 lx

— (1%): 35.0 lx	— (2%): 70.0 lx
— (5%): 174.9 lx	— (10%): 349.9 lx
— (20%): 699.7 lx	— (50%): 1749.3 lx
— (100%): 3498.7 lx	

The Average Illuminance Effective Figure

