

Report No.: 1

Test Time: 2016-12-29 13:04

Luminaire Property

Luminaire Category: 0117.G.A231.6
Luminaire Description: 60049
Length (mm): 108
Height (mm): 2
Current: 0.057 A
Power Factor: 0.979

Luminaire Manufacturer: Brasled
Width (mm): 108
Voltage: 230.2 V
Power: 12.79 W

Photometric Results

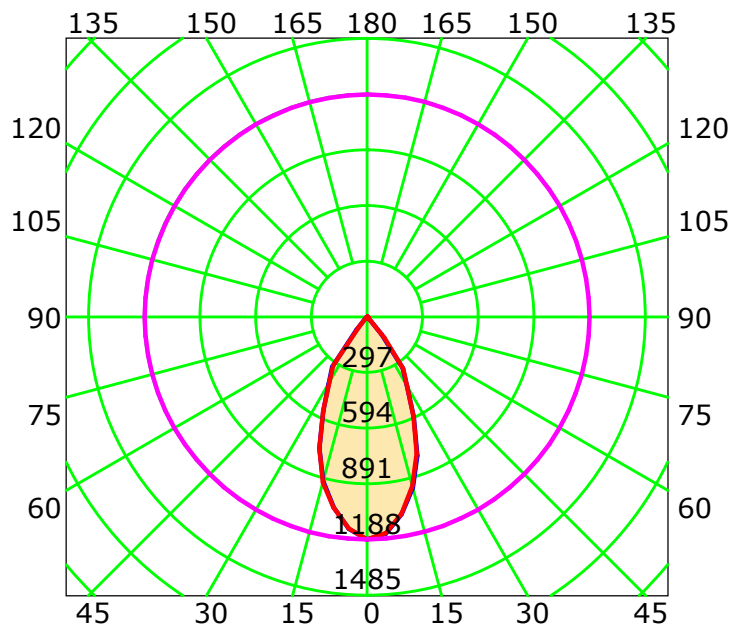
CIE Class: Direct
Measurement Flux: 845.2 lm
Downward Ratio: 100%
Field Angle: H79.5 V80.1
Luminaire Efficacy Rating (LER): 66
Max. Intensity: 1188.57 cd

Total Rated Lamp Lumens: 845.2 lm
Efficiency: 100%
Upward Ratio: 0%
Beam Angle: H49.0 V48.8
Central Intensity: 1187.6 cd
Pos of Max. Intensity: H157.5 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



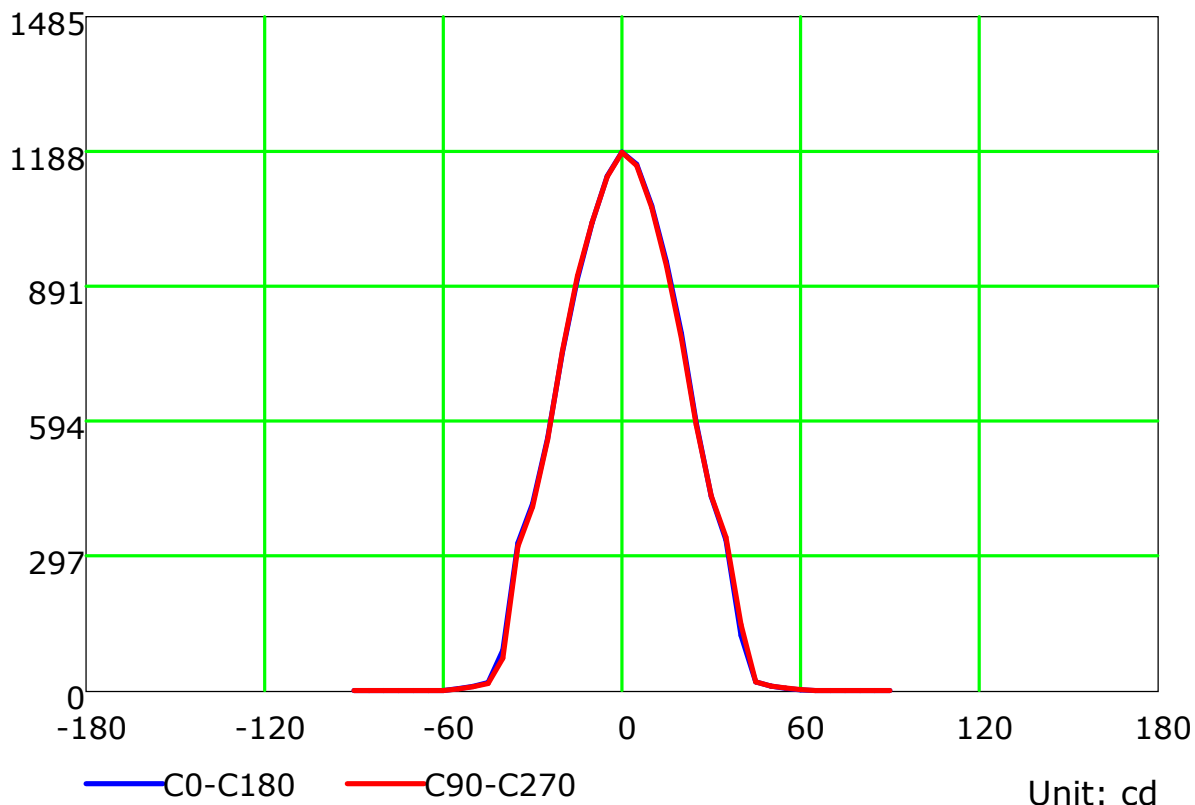
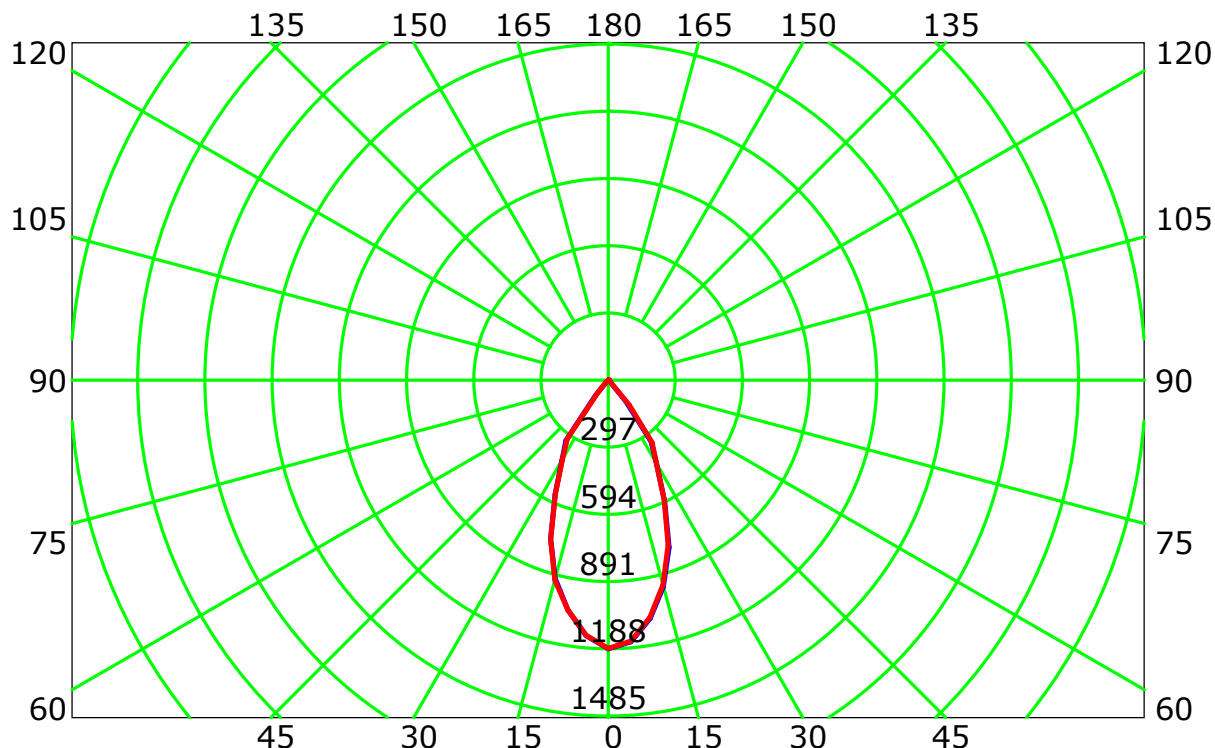
Average Diffuse Angle(50%): 48.9

— 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



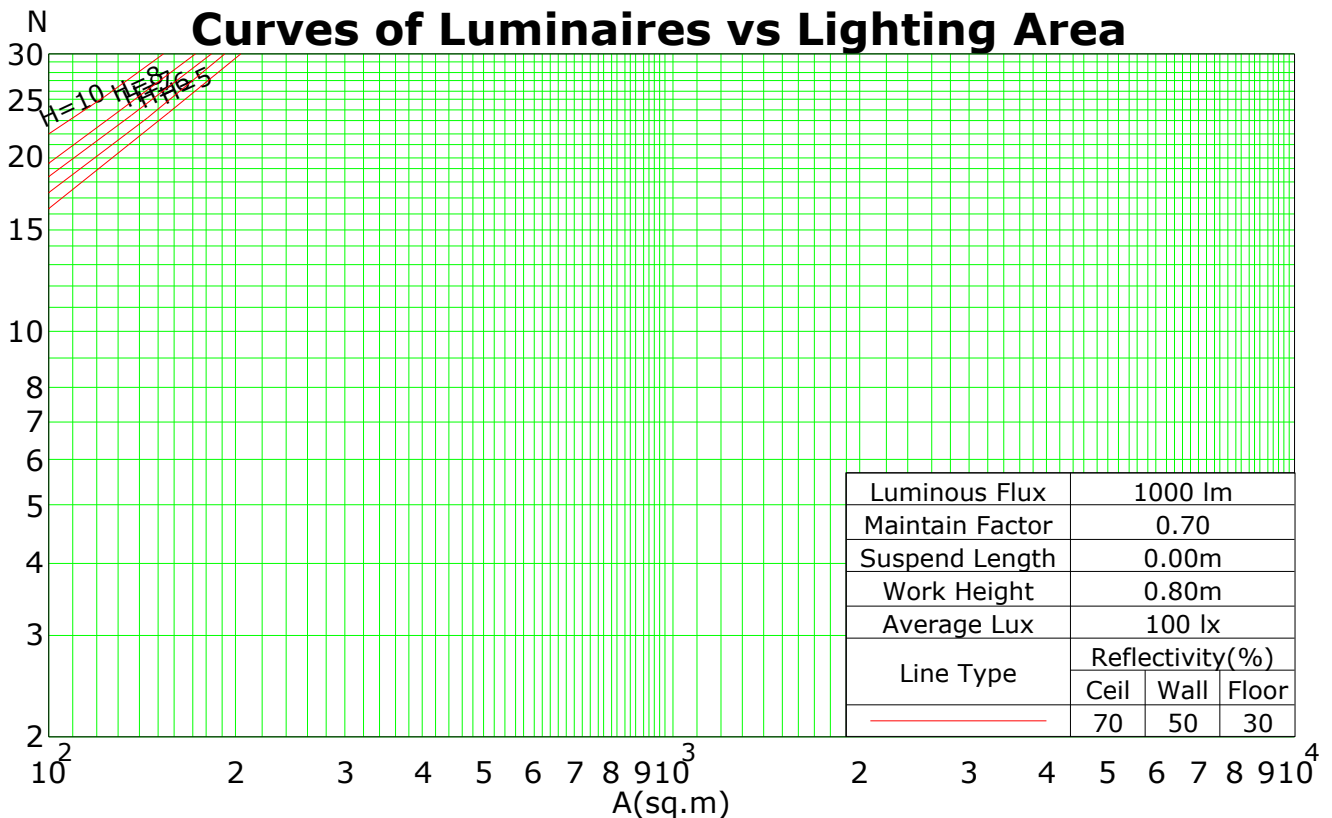
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Coefficients Of Utilization - Zonal Cavity Method

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	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94
2	108	104	100	97	106	102	99	96	99	96	94	96	94	92	93	91	90	88
3	103	97	92	89	101	96	91	88	93	90	87	91	88	85	89	86	84	82
4	98	91	86	82	97	90	85	81	88	84	80	86	82	80	84	81	79	77
5	94	86	80	76	92	85	80	76	83	79	75	81	77	74	80	76	74	72
6	89	81	75	71	88	80	75	71	79	74	70	77	73	70	76	72	69	68
7	85	76	70	66	84	76	70	66	74	69	66	73	69	66	72	68	65	64
8	81	72	66	62	80	72	66	62	70	66	62	69	65	62	68	64	61	60
9	78	68	63	59	76	68	62	59	67	62	58	66	62	58	65	61	58	57
10	74	65	59	56	73	64	59	55	64	59	55	63	58	55	62	58	55	54

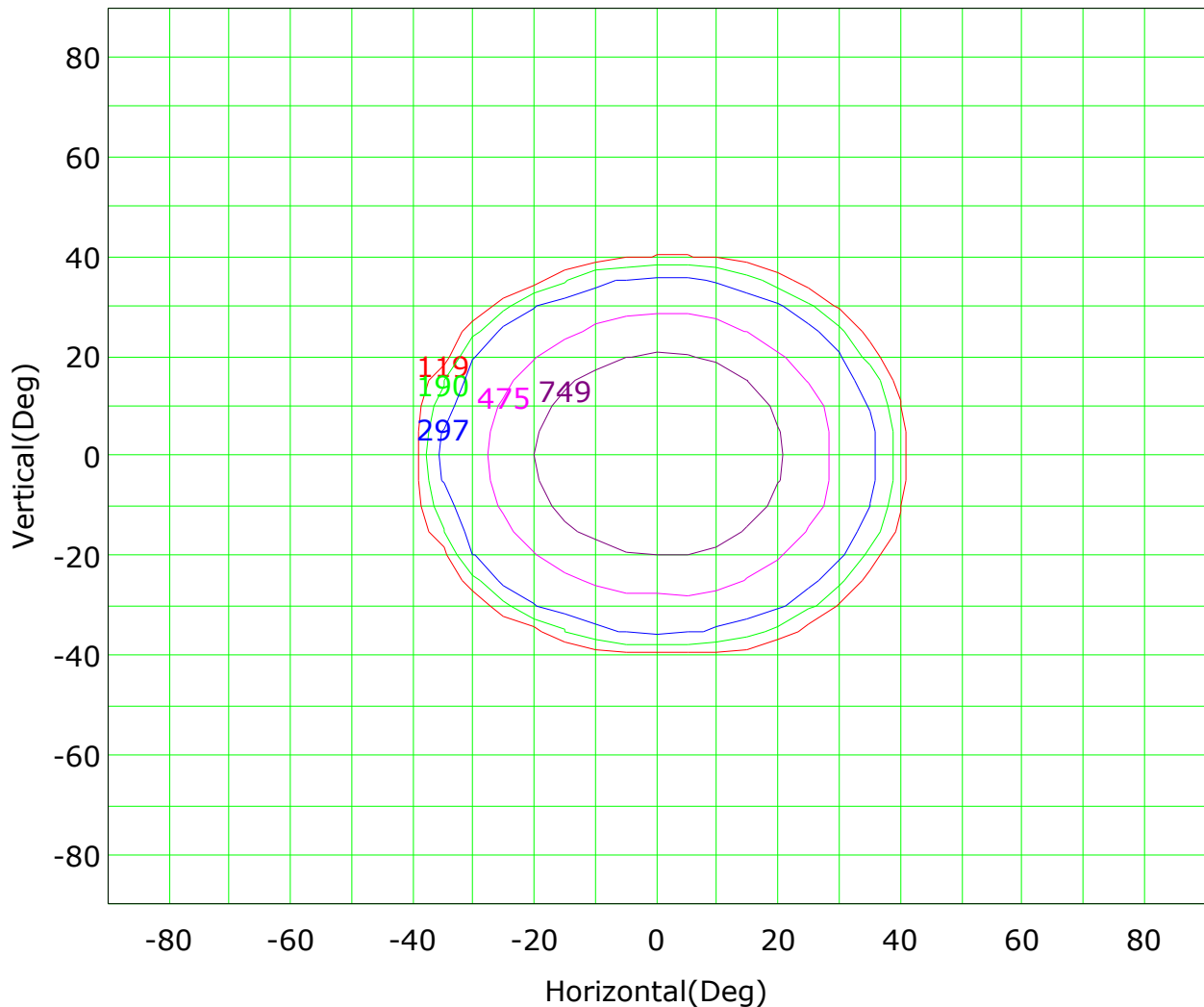
Spacing Criteria (0-180): 0.77
 Spacing Criteria (90-270): 0.76
 Spacing Criteria (Diagonal): 0.79



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Isocandela (rectangle)



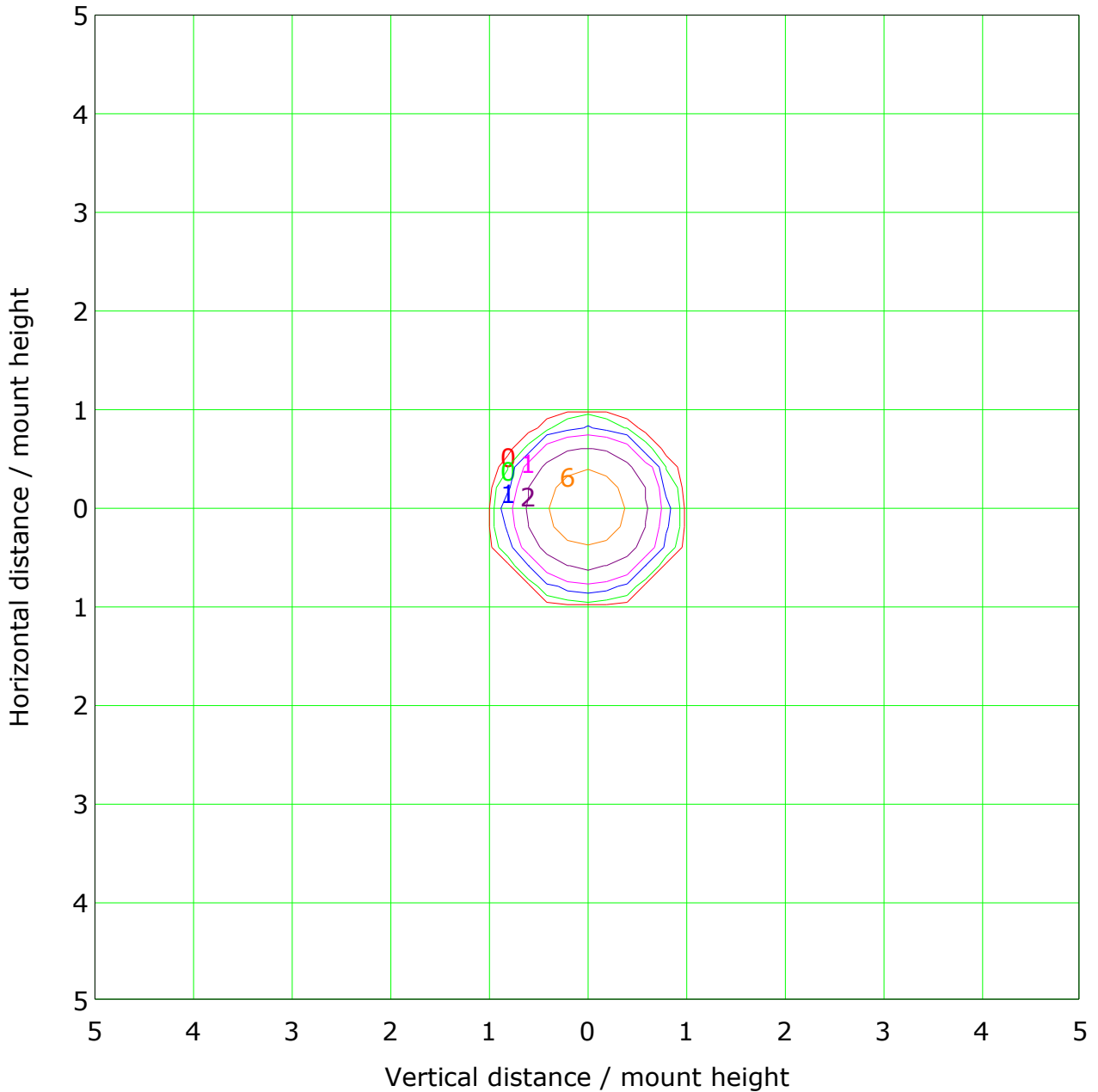
Imax (100%): 1189 cd

— (10%):	119 cd	— (16%):	190 cd
— (25%):	297 cd	— (40%):	475 cd
— (63%):	749 cd	— (100%):	1189 cd

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IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 11.9 lx	
— (1%):	0.1 lx	— (2%):	0.2 lx
— (5%):	0.6 lx	— (10%):	1.2 lx
— (20%):	2.4 lx	— (50%):	5.9 lx
— (100%):	11.9 lx		

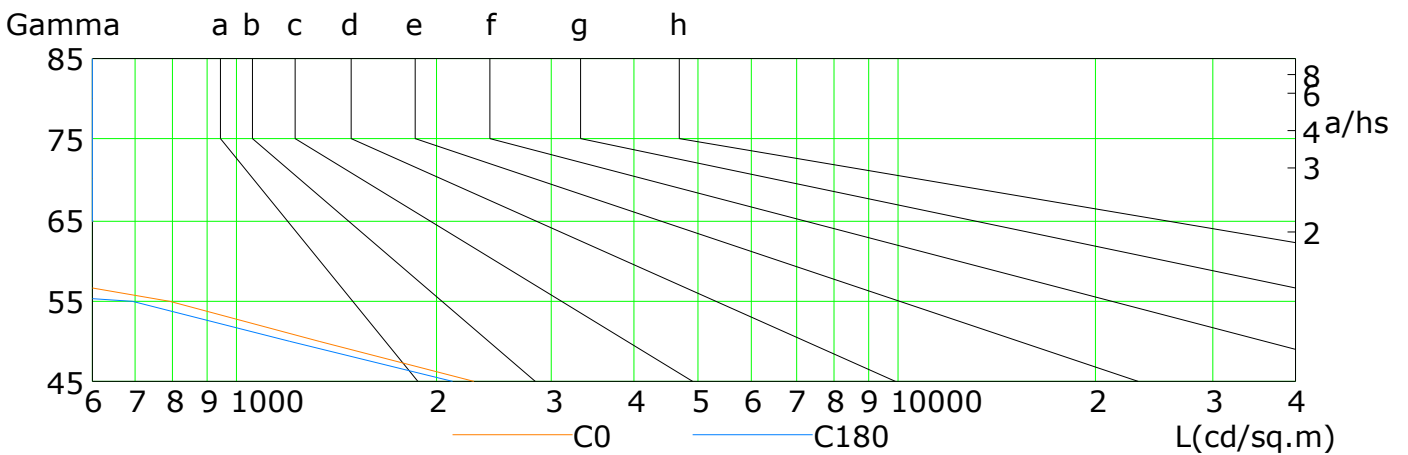
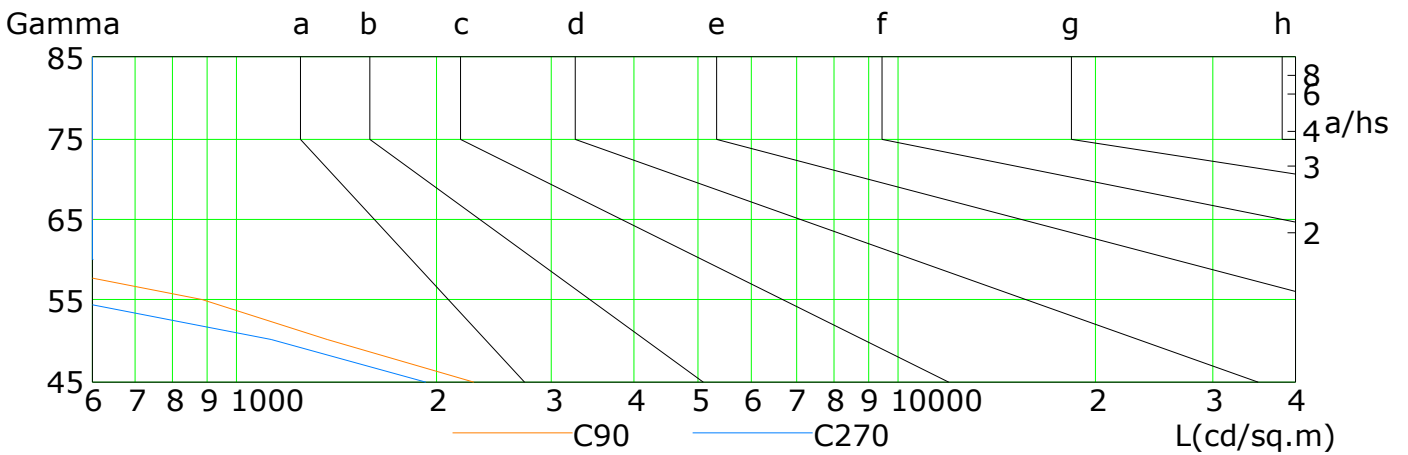
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Lum Limit Curve

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

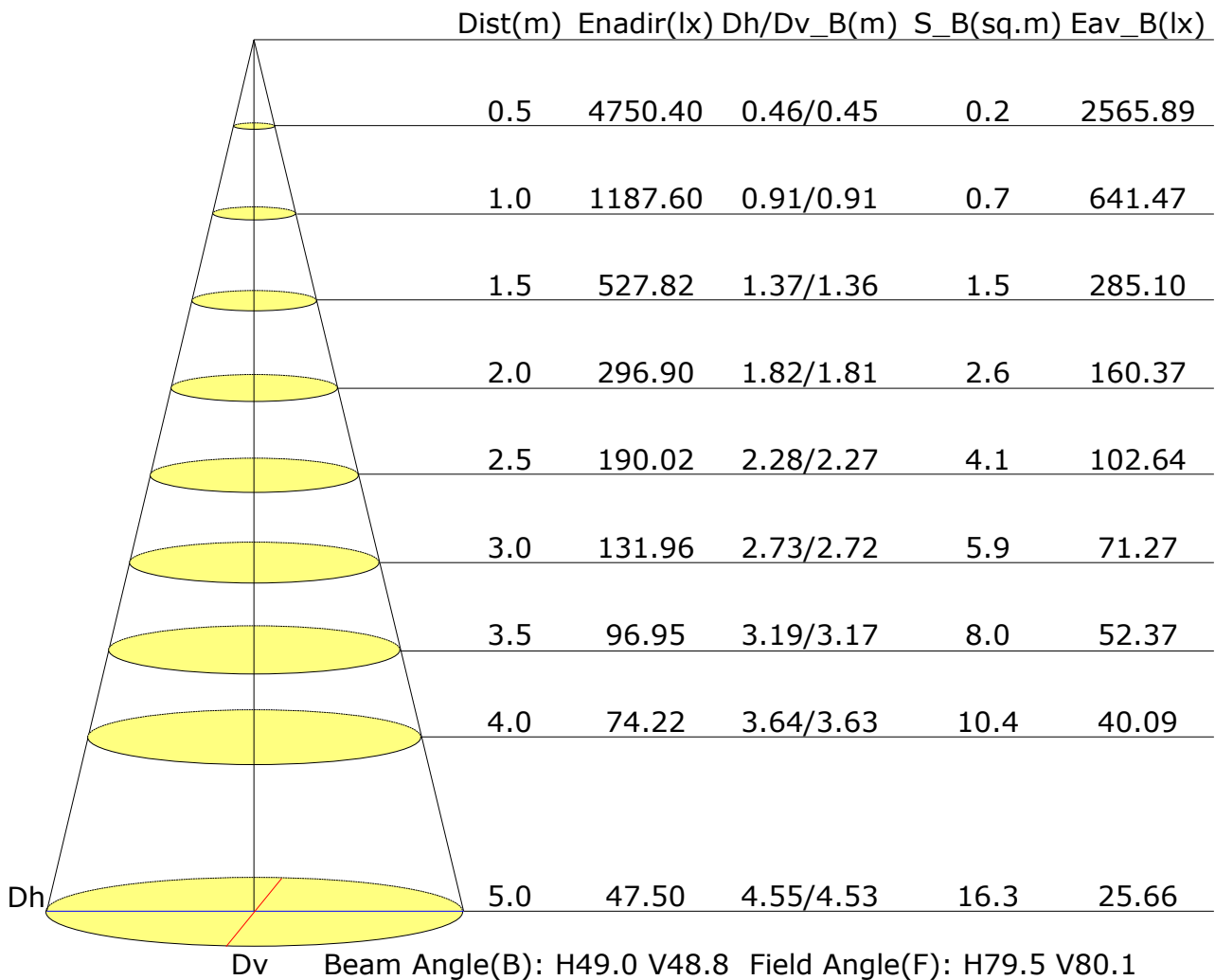


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	2270	1327	786	317	0	0	0	0	0
C90	2270	1369	880	422	0	0	0	0	0
C180	2119	1203	695	53	0	0	0	0	0
C270	1930	1120	555	0	0	0	0	0	0

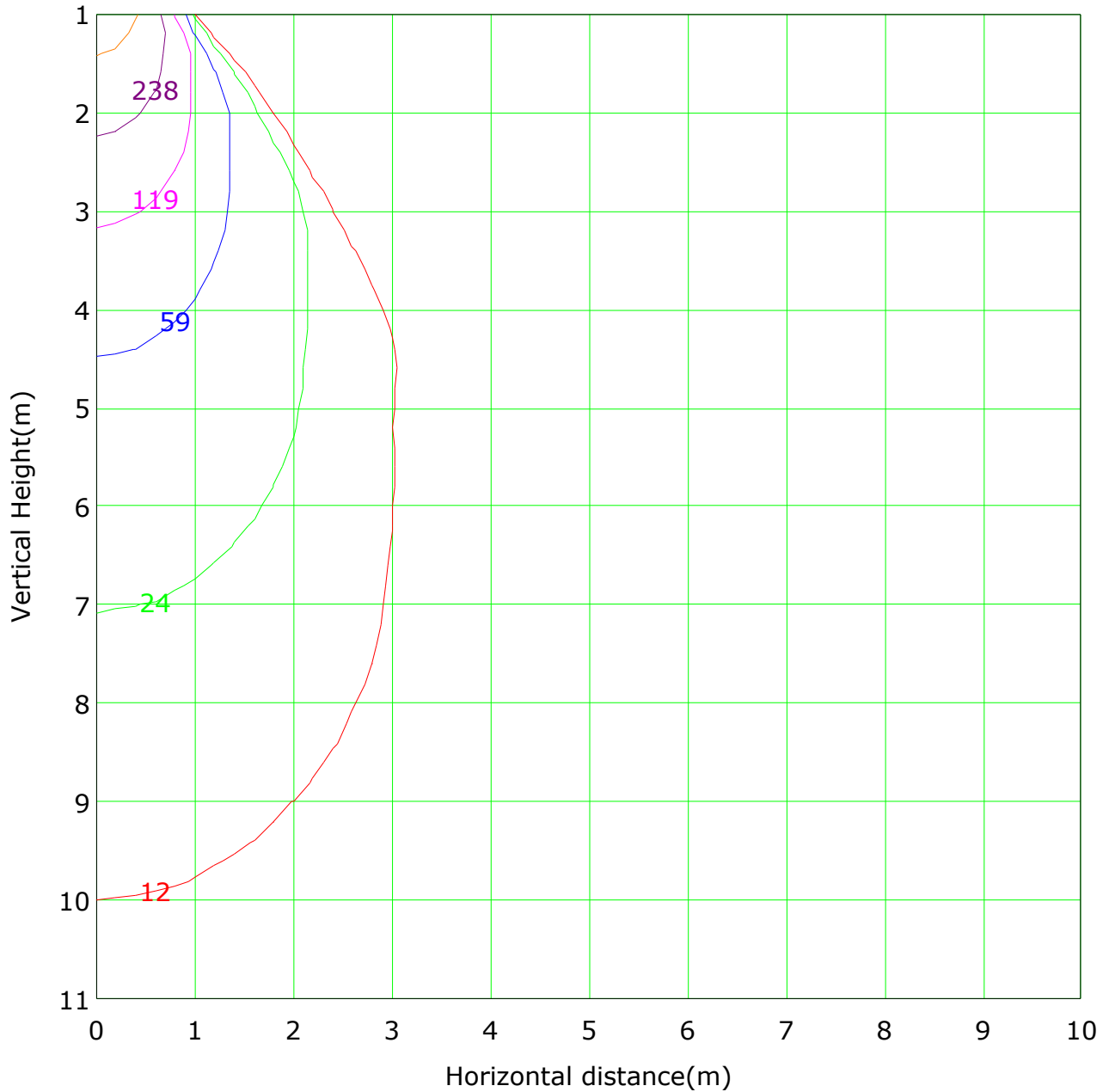
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Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1187.6 lx

— (1%): 11.9 lx	— (2%): 23.8 lx
— (5%): 59.4 lx	— (10%): 118.8 lx
— (20%): 237.5 lx	— (50%): 593.8 lx
— (100%):1187.6 lx	

The Average Illuminance Effective Figure

