

Report No.: 1

Test Time: 2017-01-05 11:13

Luminaire Property

Luminaire Category: 0119.W.A311.6
Luminaire Description: 60070
Length (mm): 133
Height (mm): 2
Current: 0.064 A
Power Factor: 0.978

Luminaire Manufacturer: Brasled
Width (mm): 133
Voltage: 230.1 V
Power: 14.38 W

Photometric Results

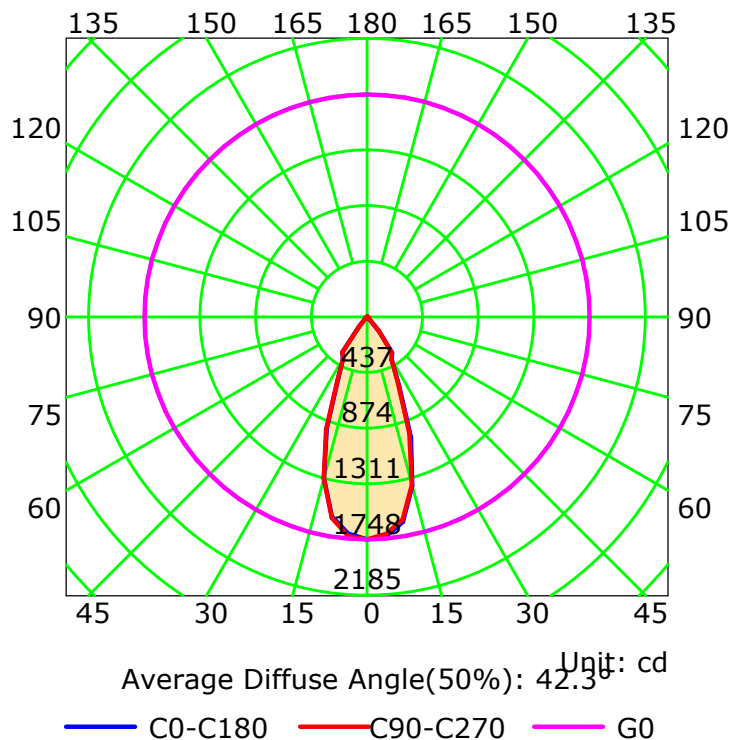
CIE Class: Direct
Measurement Flux: 1053.9 lm
Downward Ratio: 100%
Field Angle: H77.9 V77.8
Luminaire Efficacy Rating (LER): 73
Max. Intensity: 1748.59 cd

Total Rated Lamp Lumens: 1053.9 lm
Efficiency: 100%
Upward Ratio: 0%
Beam Angle: H42.4 V42.2
Central Intensity: 1747.23 cd
Pos of Max. Intensity: H157.5 V0

Picture Of Luminaire



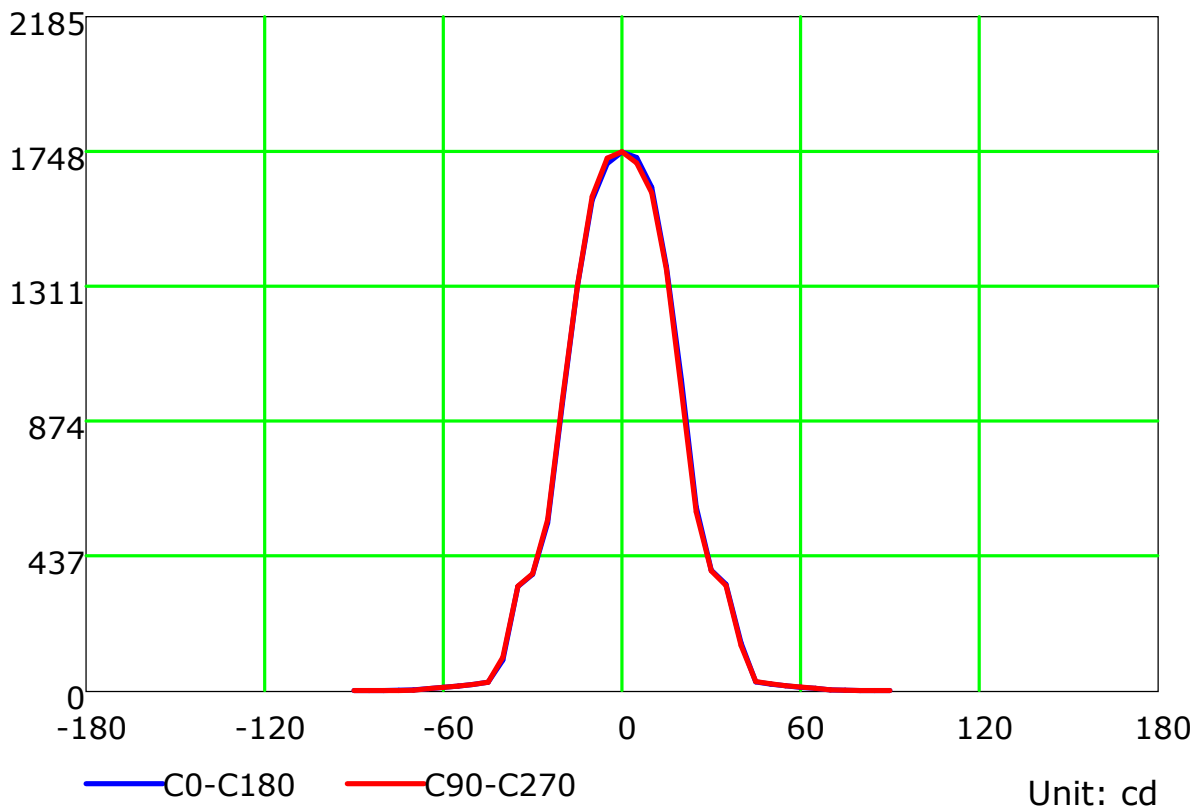
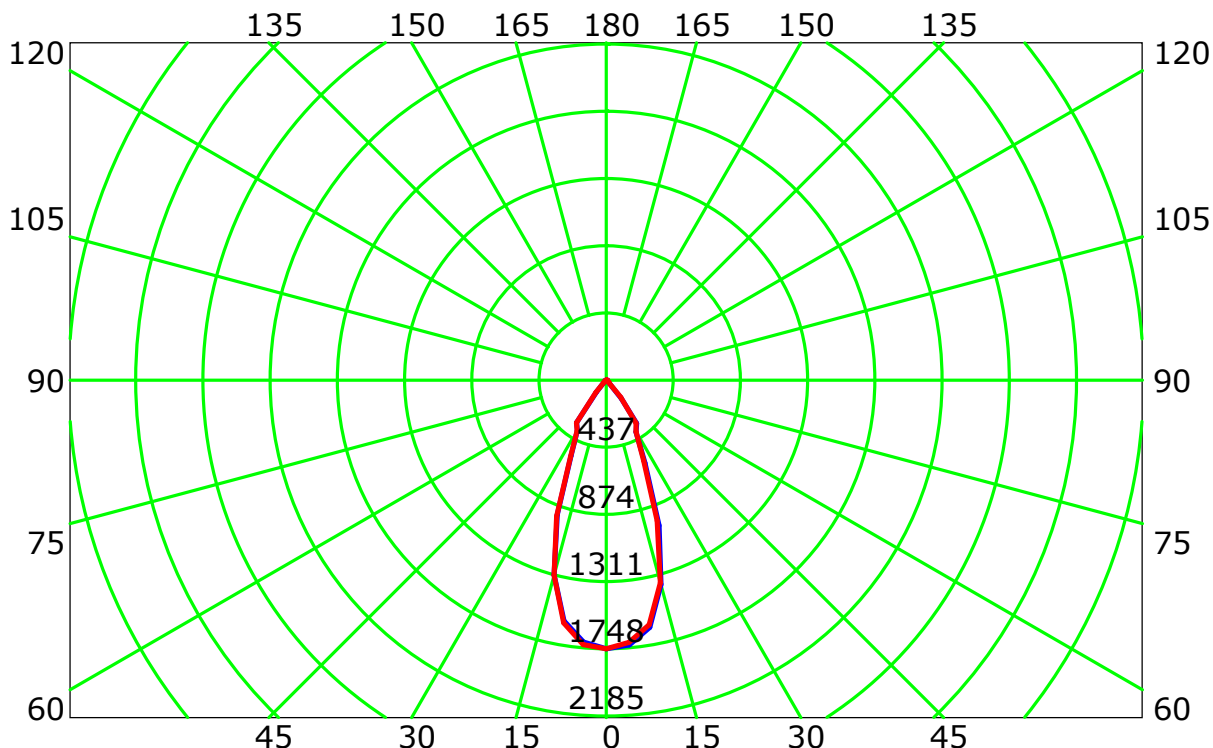
Luminous Intensity Distribution Curve



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



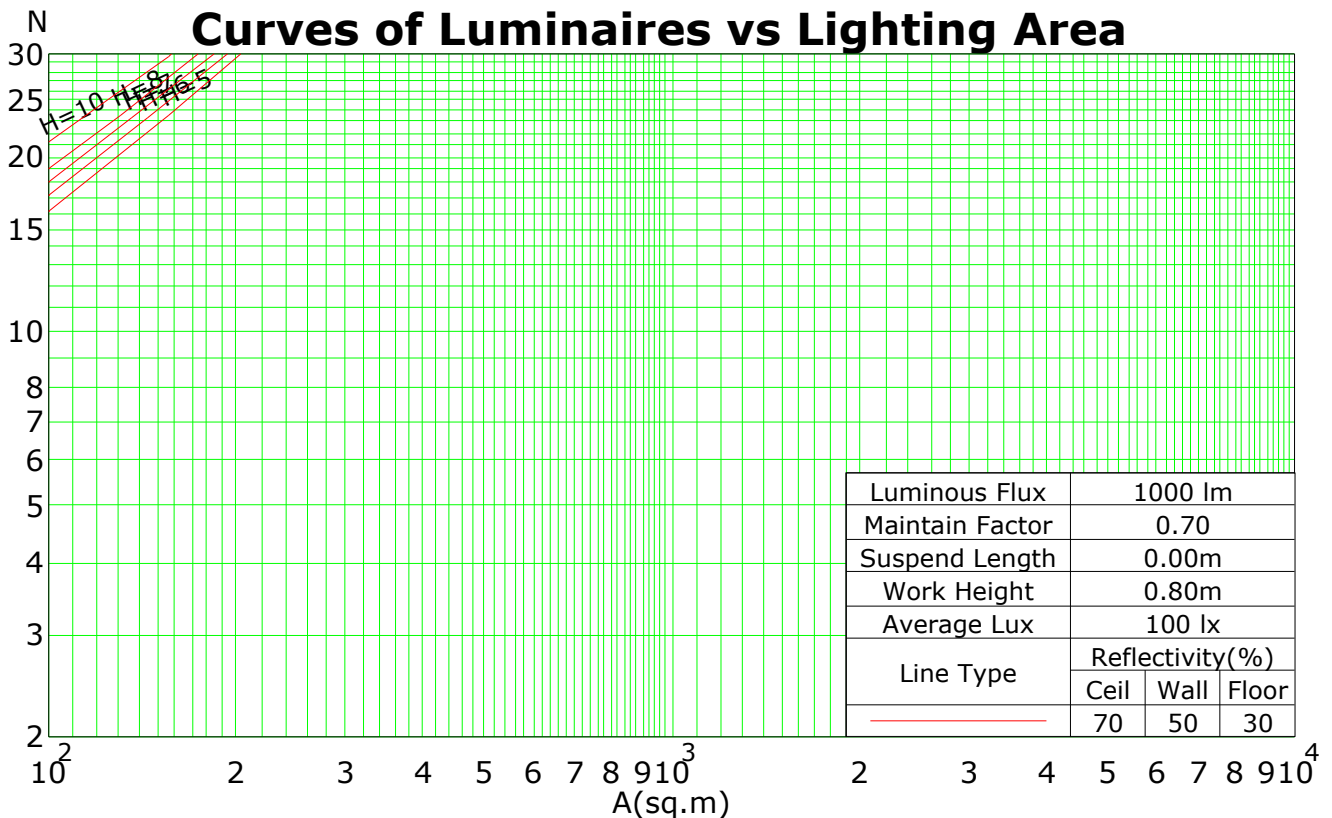
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Coefficients Of Utilization - Zonal Cavity Method

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	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94
2	109	104	100	97	106	102	99	96	99	96	94	96	94	92	93	92	90	88
3	104	98	93	89	102	96	92	89	94	90	87	91	88	86	89	87	84	83
4	99	92	87	83	97	91	86	82	89	84	81	87	83	80	85	82	79	78
5	94	87	81	77	93	86	81	77	84	79	76	82	78	75	81	77	75	73
6	90	82	76	72	89	81	76	72	80	75	72	78	74	71	77	73	71	69
7	86	78	72	68	85	77	72	68	76	71	68	75	70	67	73	70	67	66
8	82	74	68	64	81	73	68	64	72	67	64	71	67	64	70	66	63	62
9	79	70	65	61	78	70	64	61	69	64	61	68	63	60	67	63	60	59
10	76	67	61	58	75	66	61	58	66	61	58	65	61	57	64	60	57	56

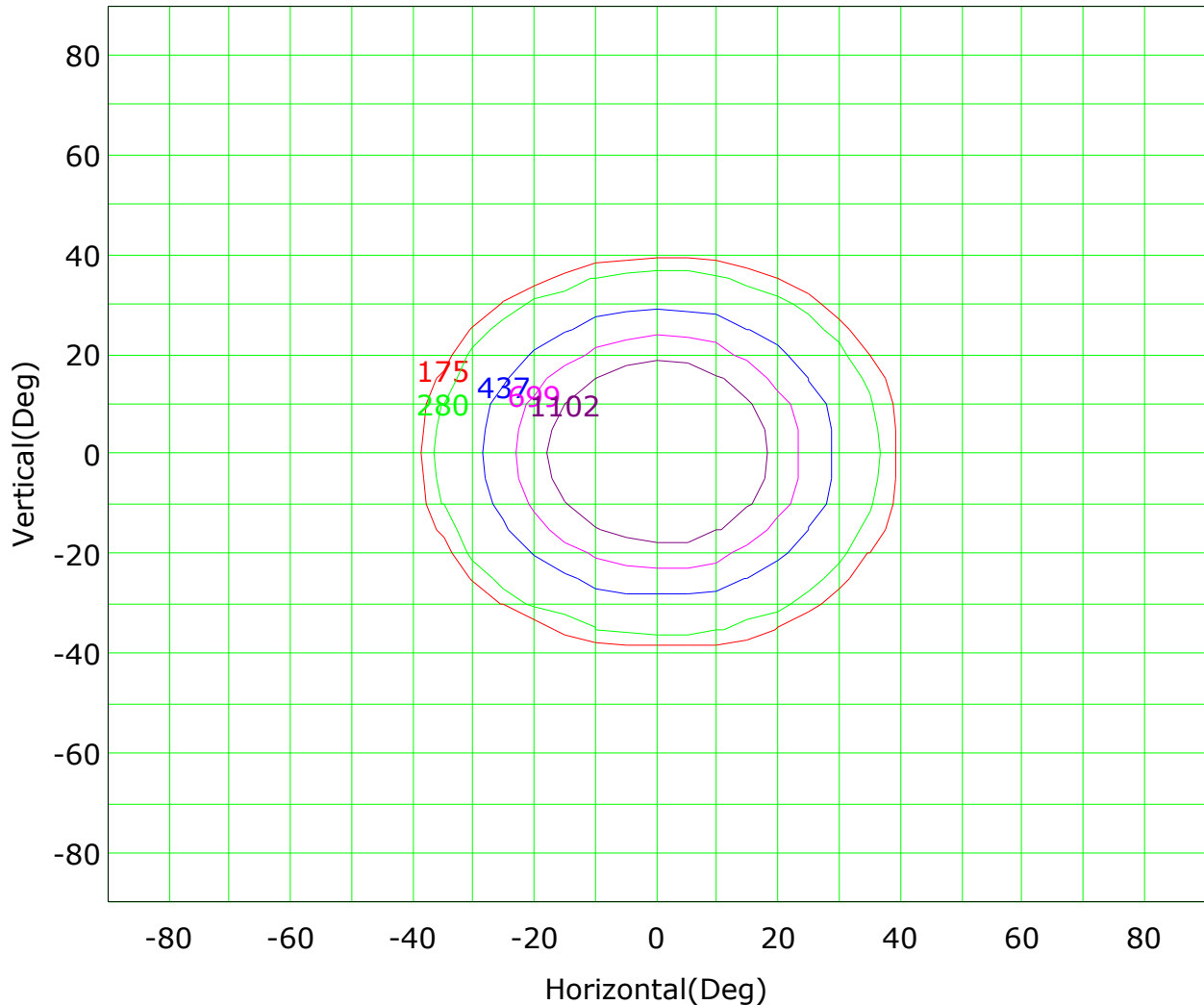
Spacing Criteria (0-180): 0.69
 Spacing Criteria (90-270): 0.69
 Spacing Criteria (Diagonal): 0.65



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Isocandela (rectangle)



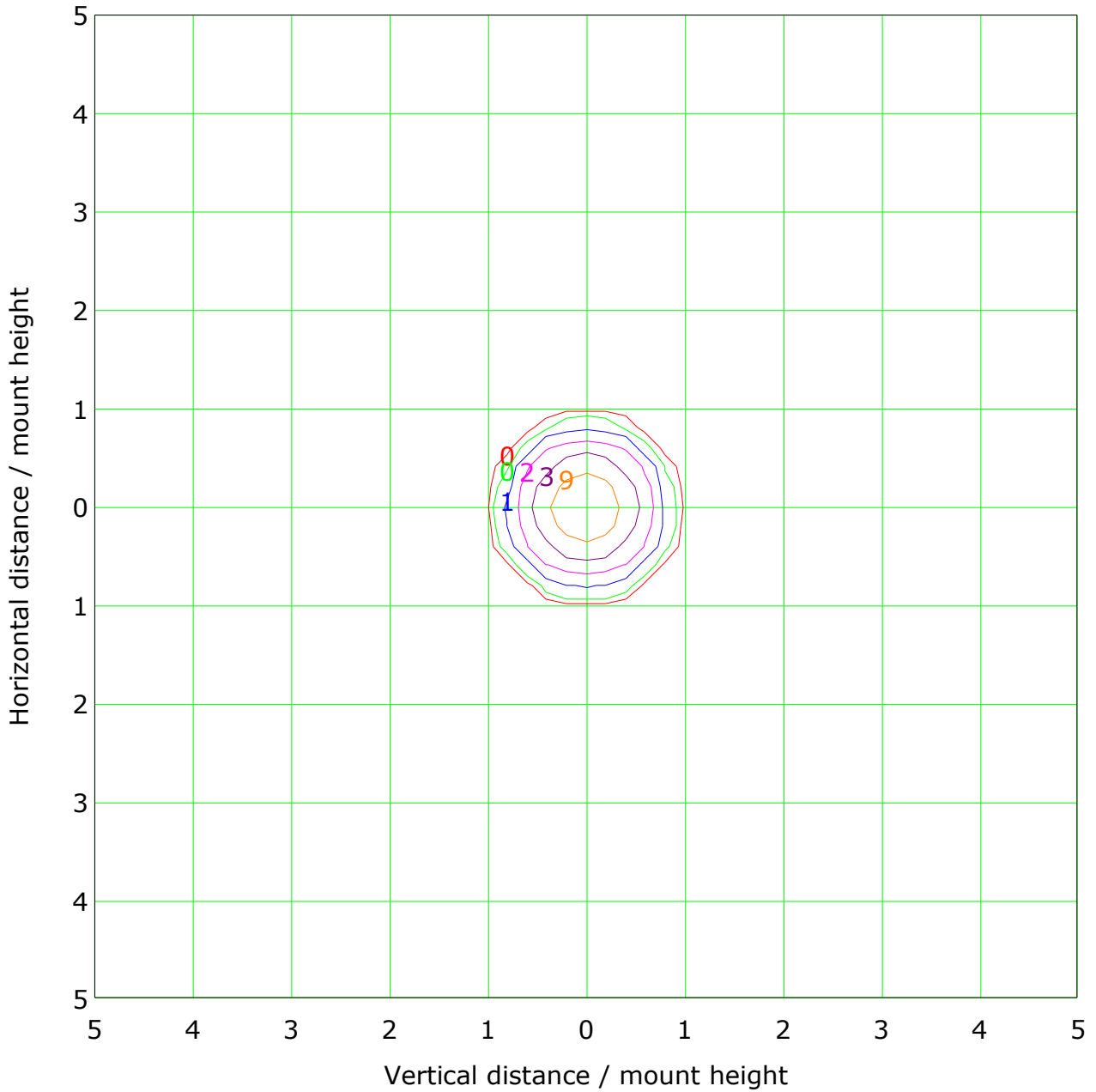
Imax (100%): 1749 cd

— (10%): 175 cd	— (16%): 280 cd
— (25%): 437 cd	— (40%): 699 cd
— (63%): 1102 cd	— (100%): 1749 cd

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IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 17.5 lx	
— (1%):	0.2 lx	— (2%):	0.3 lx
— (5%):	0.9 lx	— (10%):	1.7 lx
— (20%):	3.5 lx	— (50%):	8.7 lx
— (100%):	17.5 lx		

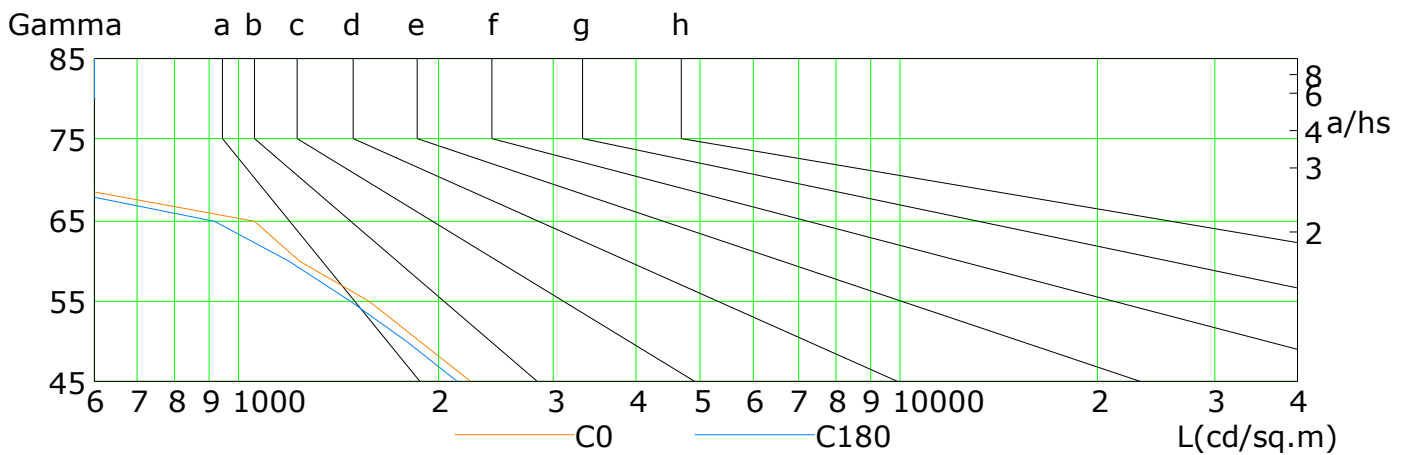
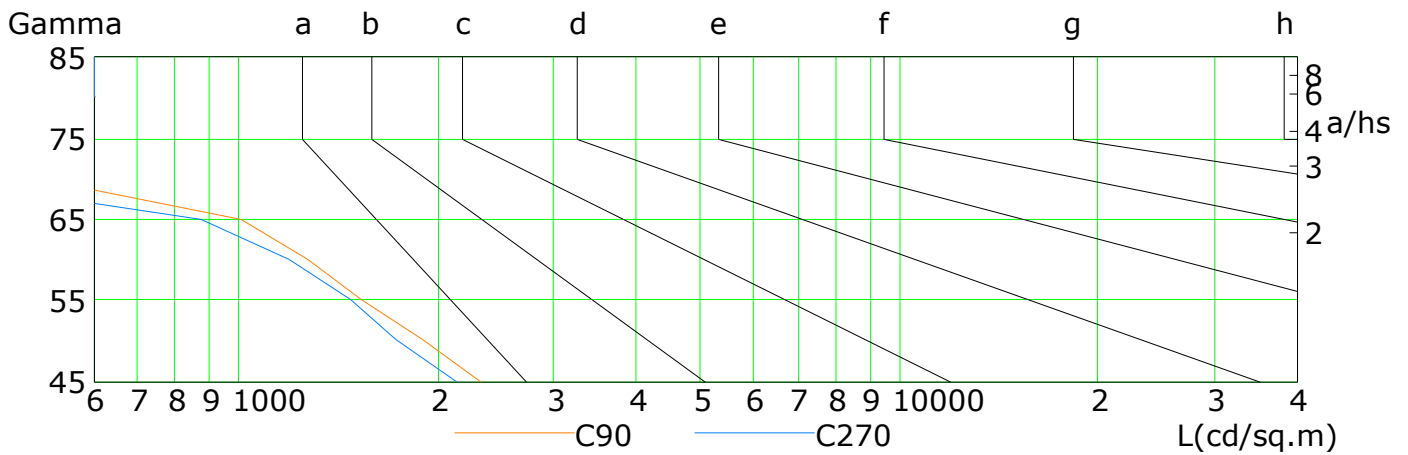
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Lum Limit Curve

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

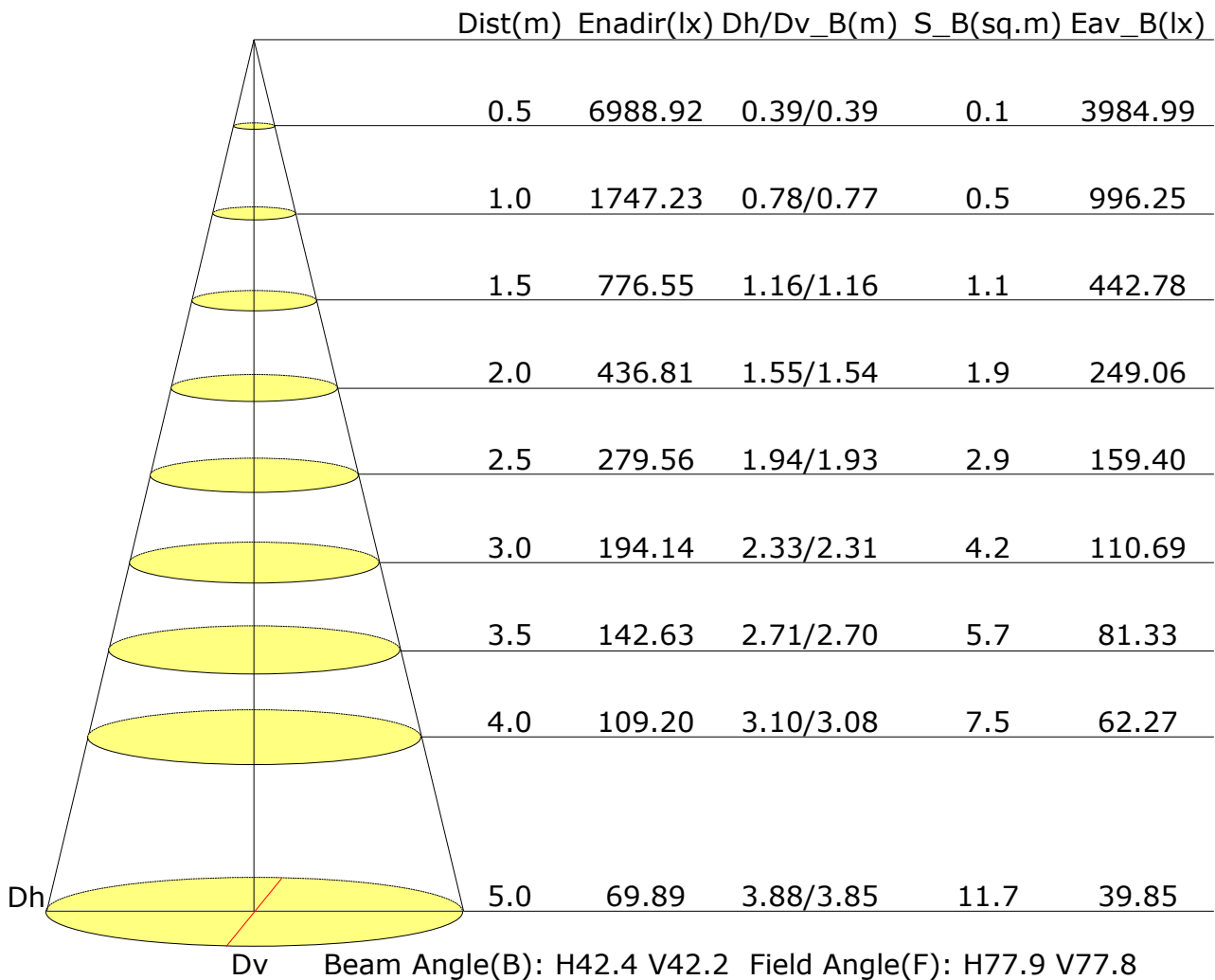


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	2238	1871	1567	1230	1052	483	279	0	0
C90	2318	1900	1534	1267	1008	483	350	0	0
C180	2131	1783	1469	1193	920	430	279	0	0
C270	2131	1725	1469	1193	877	322	141	0	0

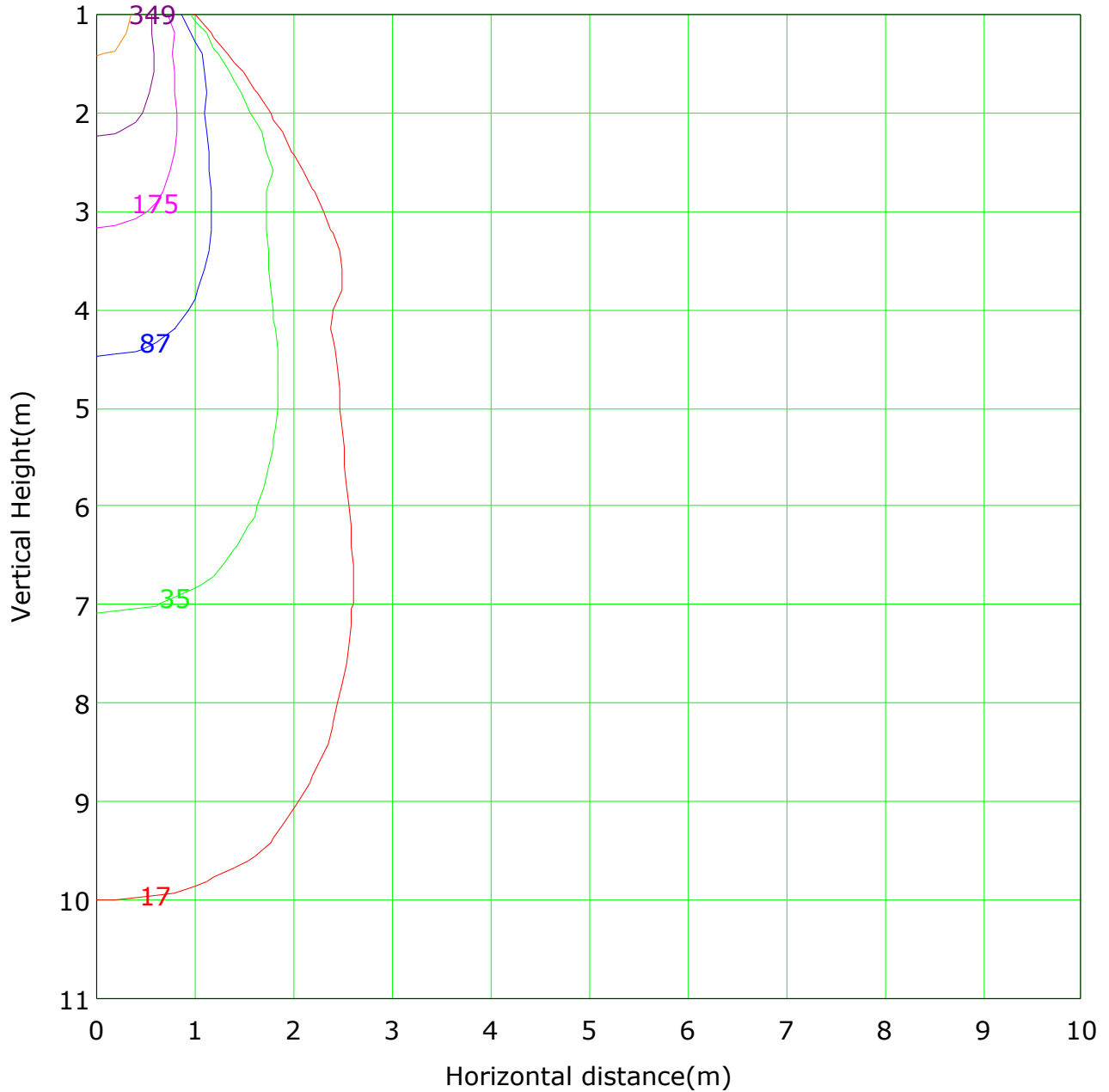
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Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1747.2 lx
 (1%): 17.5 lx (2%): 34.9 lx
 (5%): 87.4 lx (10%): 174.7 lx
 (20%): 349.4 lx (50%): 873.6 lx
 (100%):1747.2 lx

The Average Illuminance Effective Figure

