

Report No.: 1

Test Time: 2017-01-05 10:27

Luminaire Property

Luminaire Category: 0119.G.A331.6
Luminaire Description: 60004
Length (mm): 133
Height (mm): 2
Current: 0.065 A
Power Factor: 0.985

Luminaire Manufacturer: Brasled
Width (mm): 133
Voltage: 230.1 V
Power: 14.84 W

Photometric Results

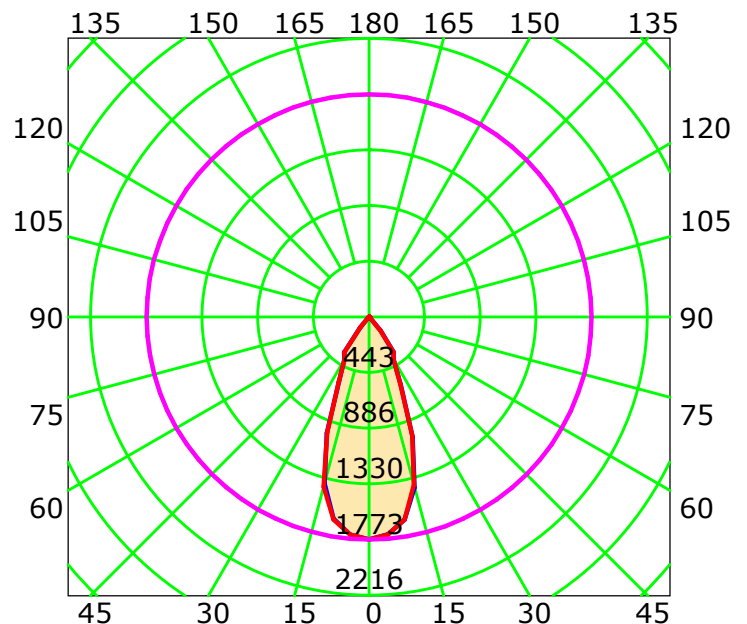
CIE Class: Direct
Measurement Flux: 1058.8 lm
Downward Ratio: 100%
Field Angle: H77.9 V77.6
Luminaire Efficacy Rating (LER): 71
Max. Intensity: 1773.39 cd

Total Rated Lamp Lumens: 1058.8 lm
Efficiency: 100%
Upward Ratio: 0%
Beam Angle: H42.7 V42.6
Central Intensity: 1773.38 cd
Pos of Max. Intensity: H0 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



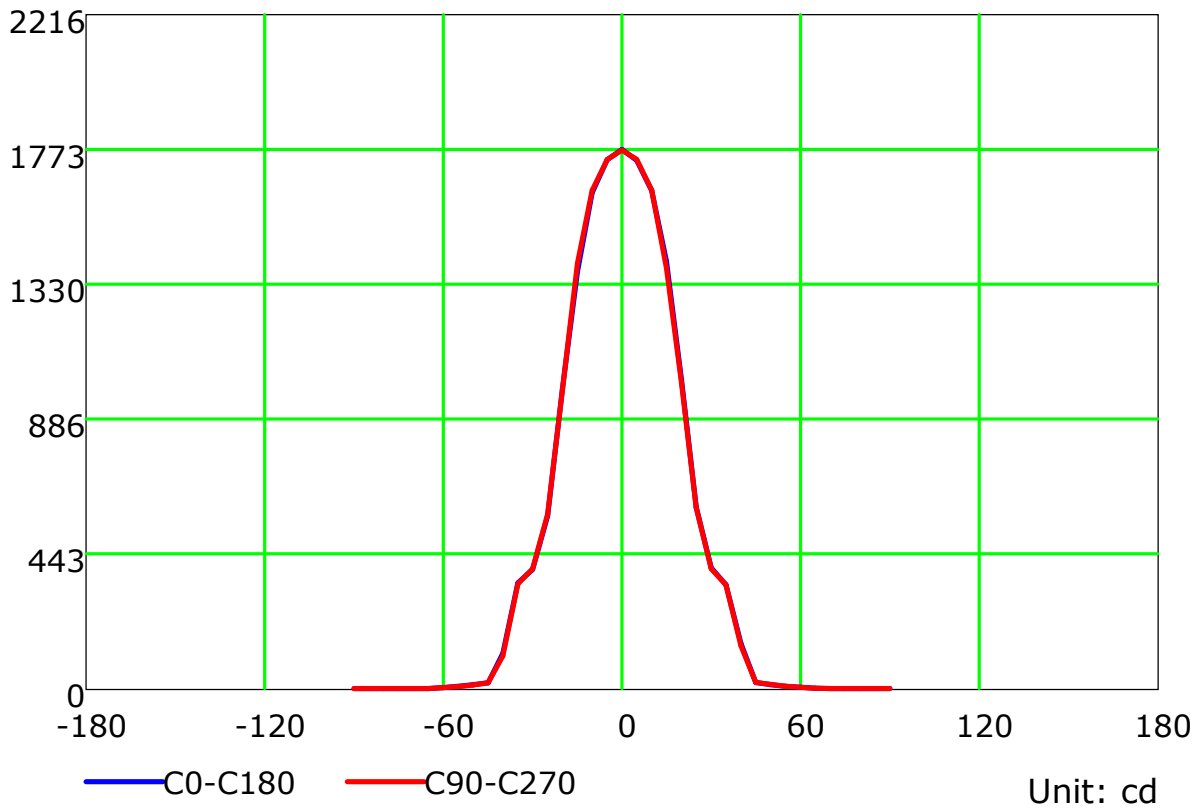
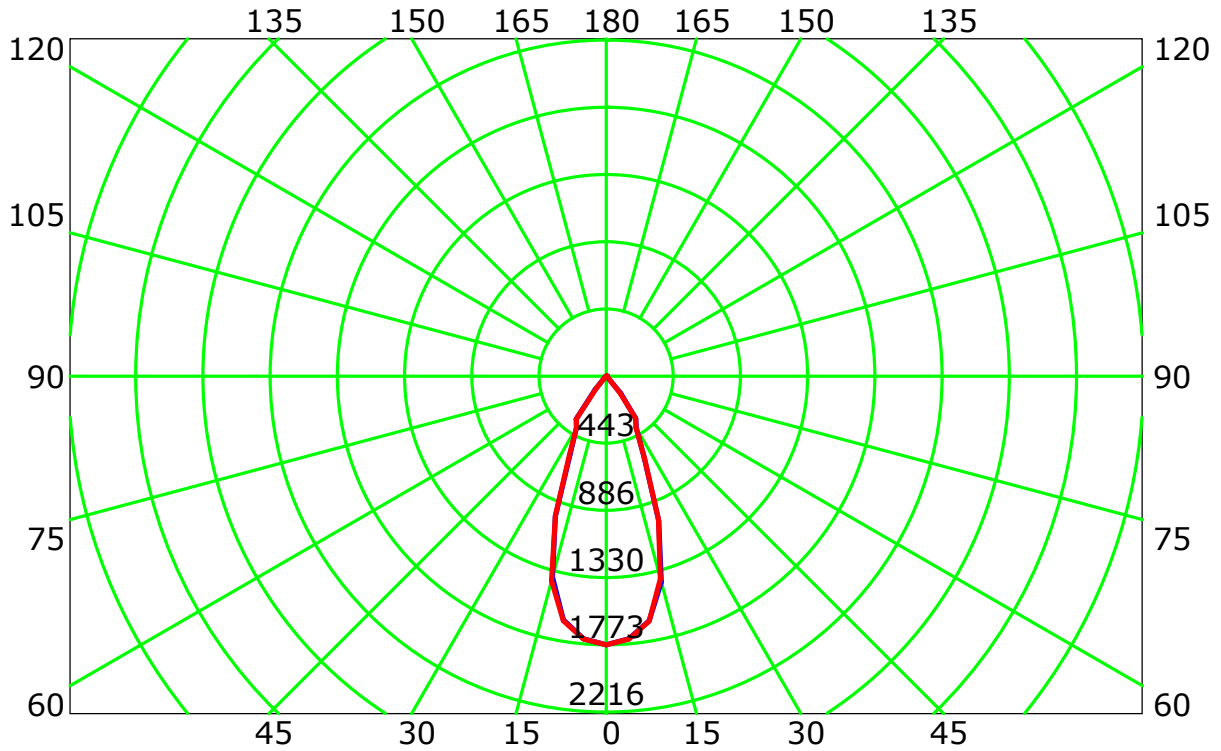
Unit: cd
Average Diffuse Angle(50%): 42.7

— 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



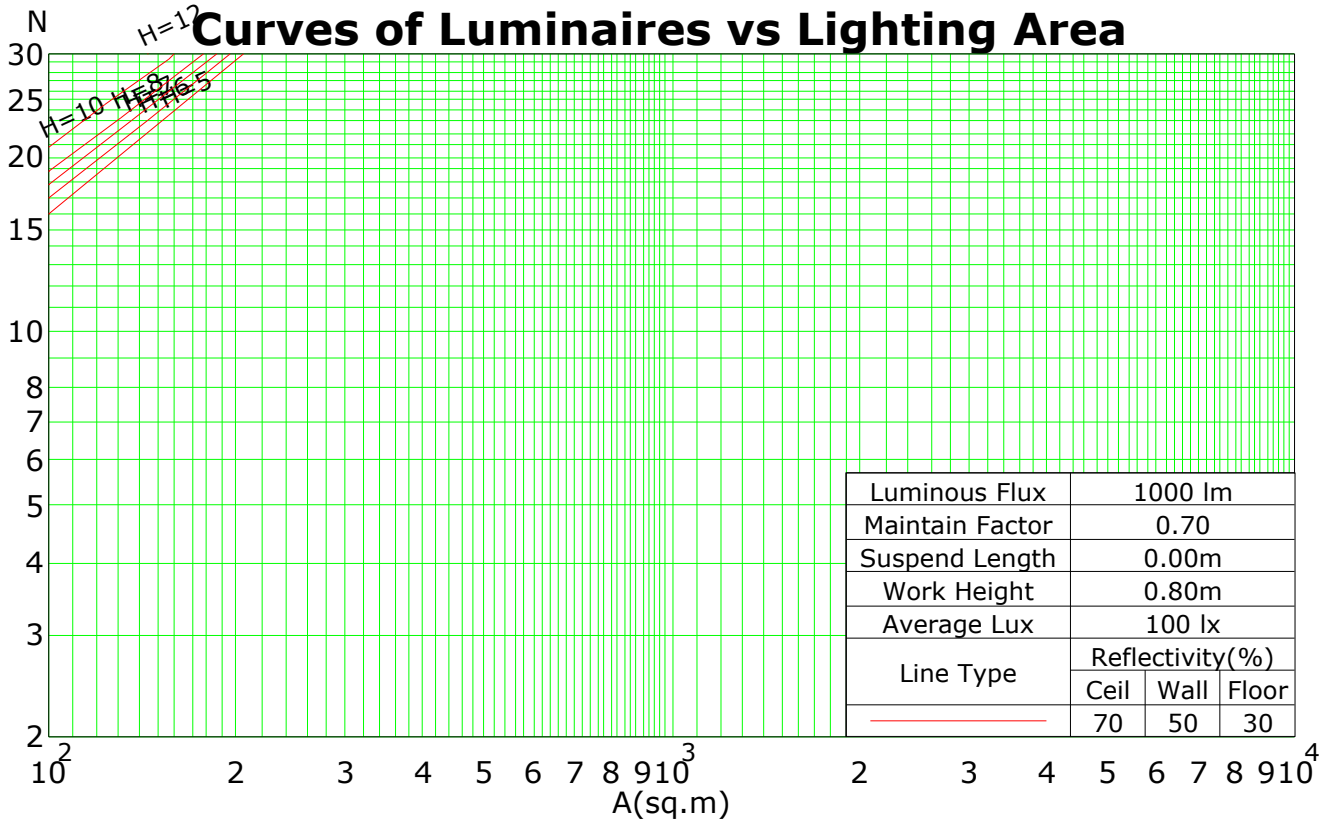
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Coefficients Of Utilization - Zonal Cavity Method

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	112	109	107	105	105	104	102	102	100	99	98	97	96	94
2	109	104	101	98	107	103	99	97	100	97	94	97	94	92	94	92	91	89
3	104	98	94	90	102	97	93	89	94	91	88	92	89	87	90	87	85	84
4	99	93	87	84	98	91	87	83	89	85	82	87	84	81	86	83	80	79
5	95	87	82	78	93	86	81	78	85	80	77	83	79	76	82	78	76	74
6	91	83	77	73	89	82	77	73	80	76	73	79	75	72	78	74	72	70
7	87	78	73	69	86	78	73	69	77	72	69	75	71	68	74	71	68	67
8	83	75	69	65	82	74	69	65	73	68	65	72	68	65	71	67	64	63
9	80	71	66	62	79	70	65	62	70	65	62	69	64	61	68	64	61	60
10	76	68	62	59	76	67	62	59	66	62	59	66	61	58	65	61	58	57

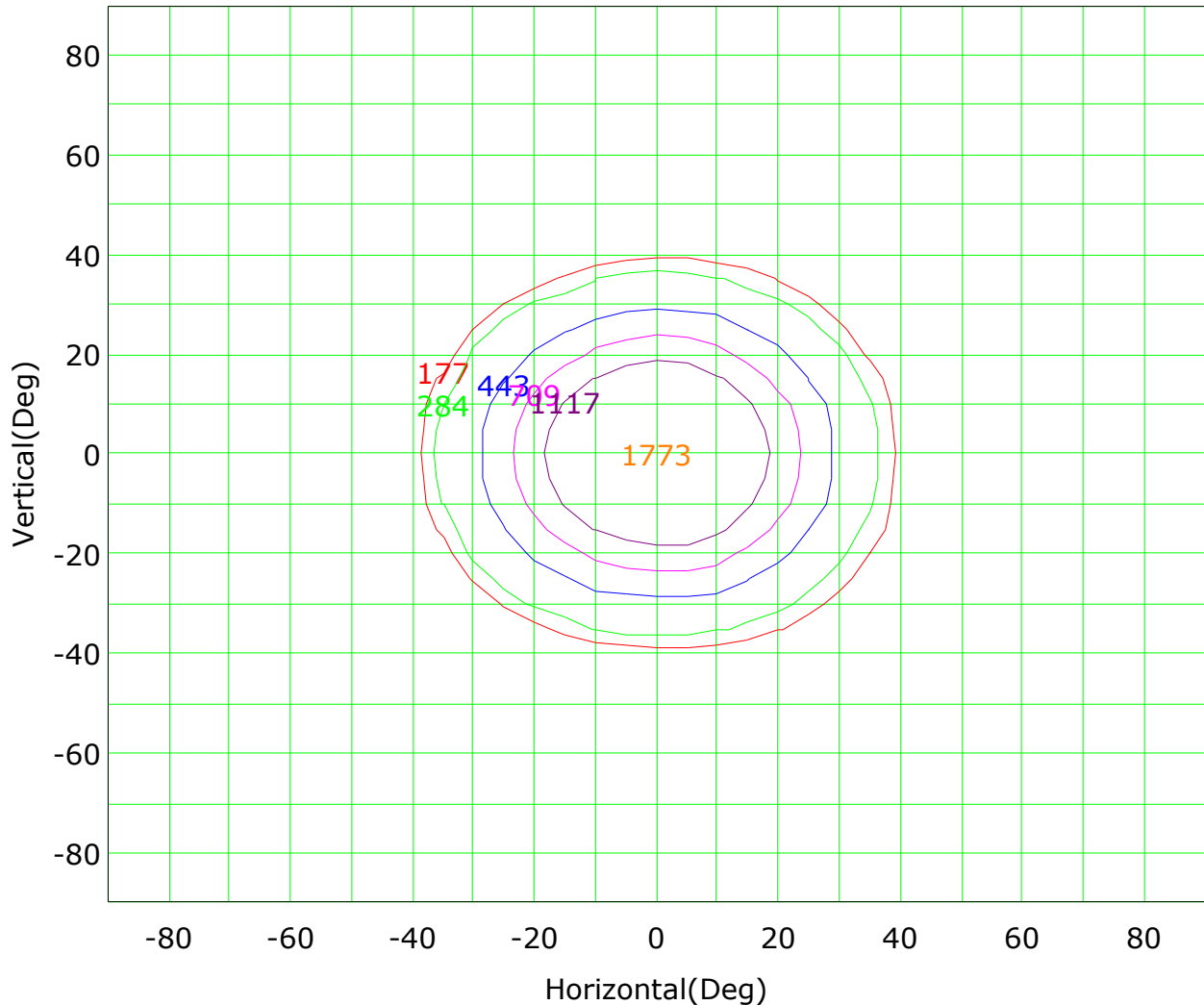
Spacing Criteria (0-180): 0.70
 Spacing Criteria (90-270): 0.70
 Spacing Criteria (Diagonal): 0.66



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Isocandela (rectangle)



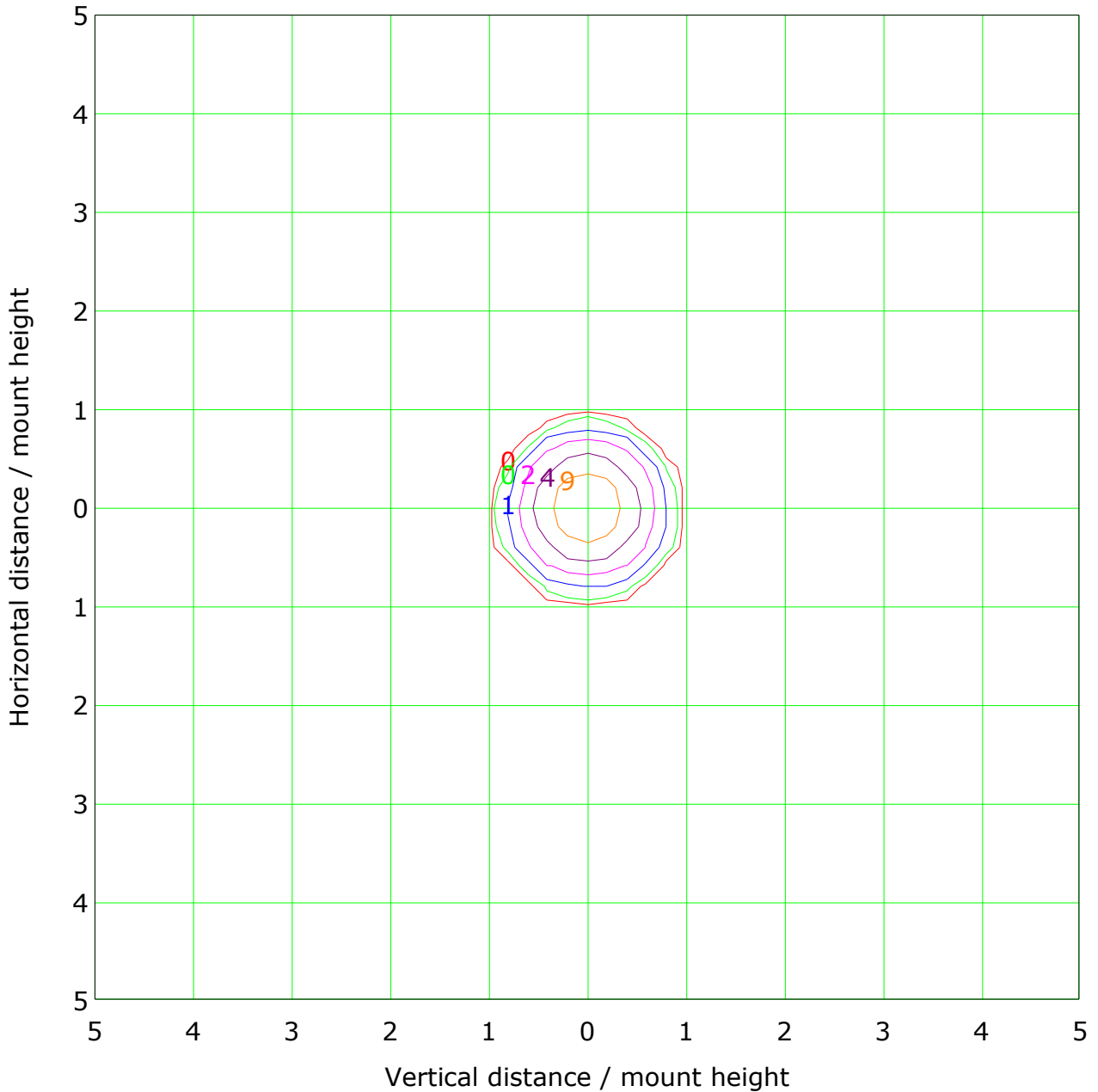
Imax (100%): 1773 cd

— (10%): 177 cd	— (16%): 284 cd
— (25%): 443 cd	— (40%): 709 cd
— (63%): 1117 cd	— (100%): 1773 cd

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IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 17.7 lx	
— (1%):	0.2 lx	— (2%):	0.4 lx
— (5%):	0.9 lx	— (10%):	1.8 lx
— (20%):	3.5 lx	— (50%):	8.9 lx
— (100%):	17.7 lx		

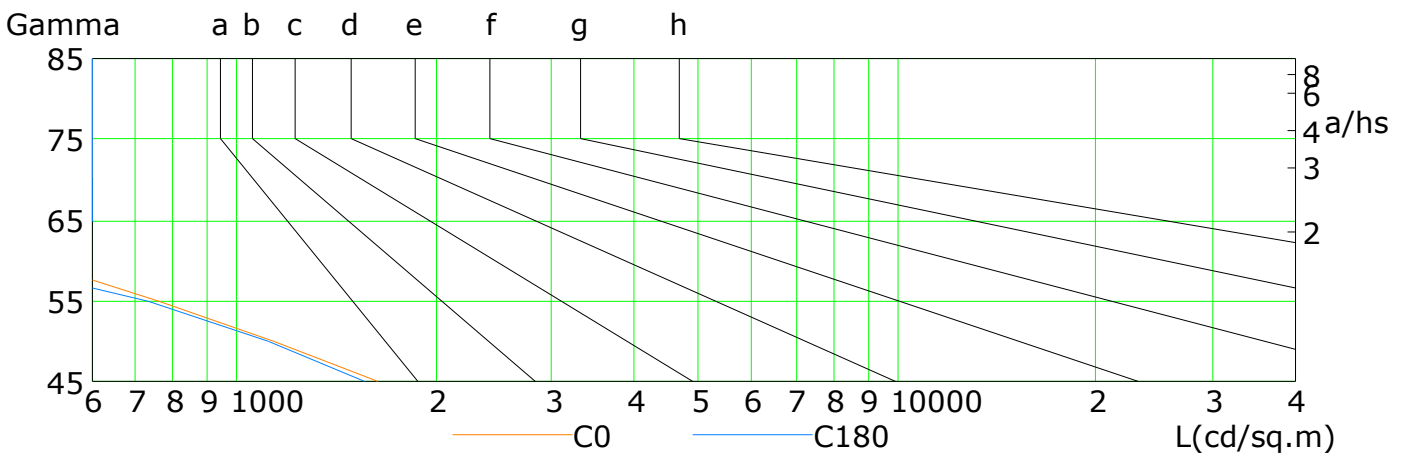
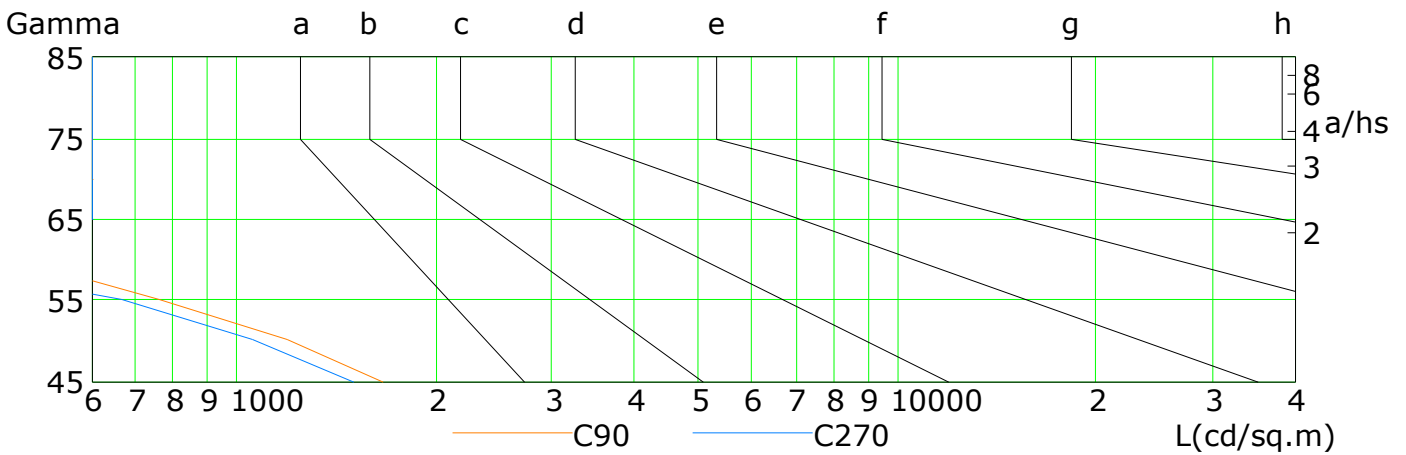
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 Inspector:

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

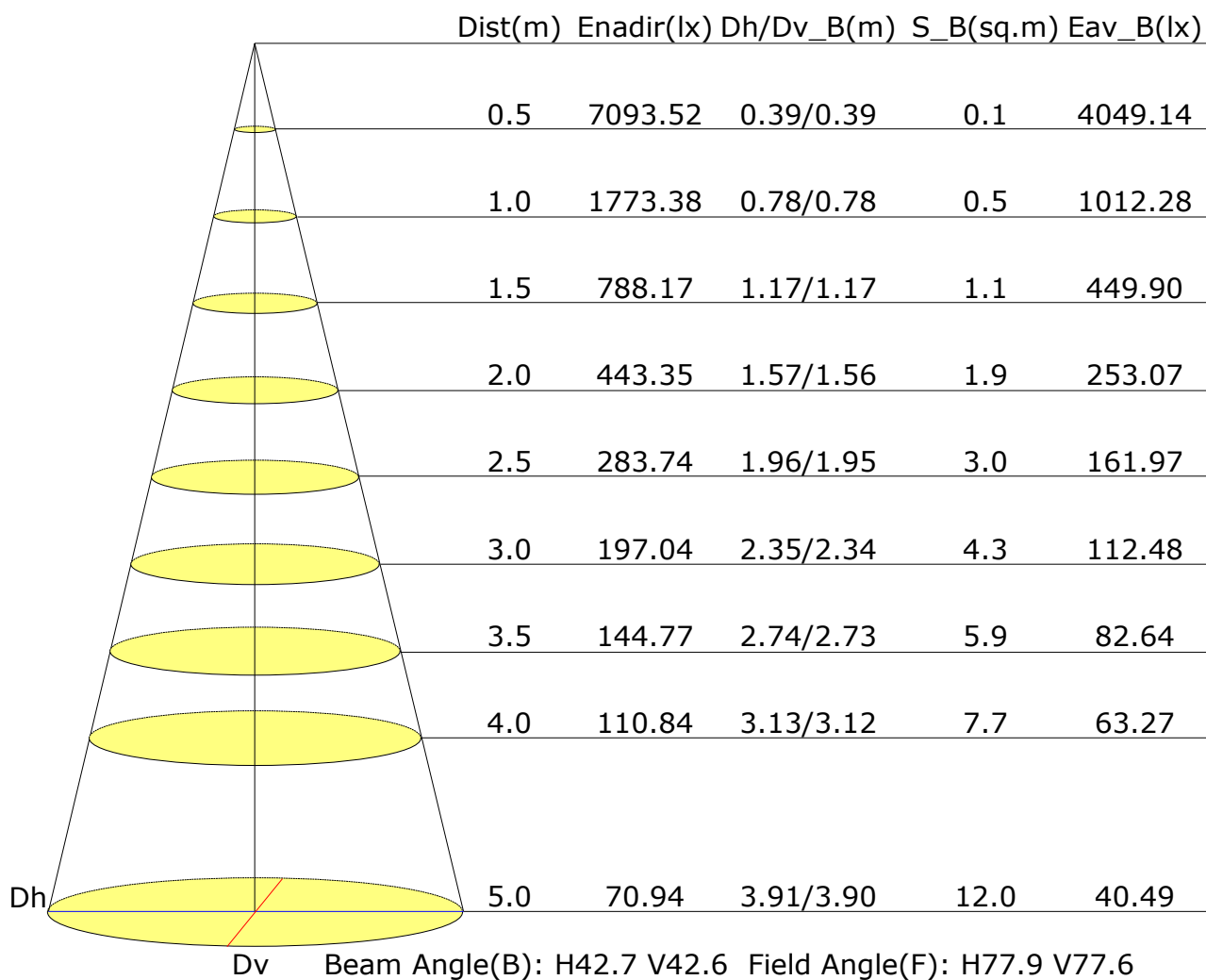


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	1632	1137	761	472	171	0	0	0	0
C90	1658	1193	761	472	171	0	0	0	0
C180	1554	1109	729	399	0	0	0	0	0
C270	1503	1051	667	363	0	0	0	0	0

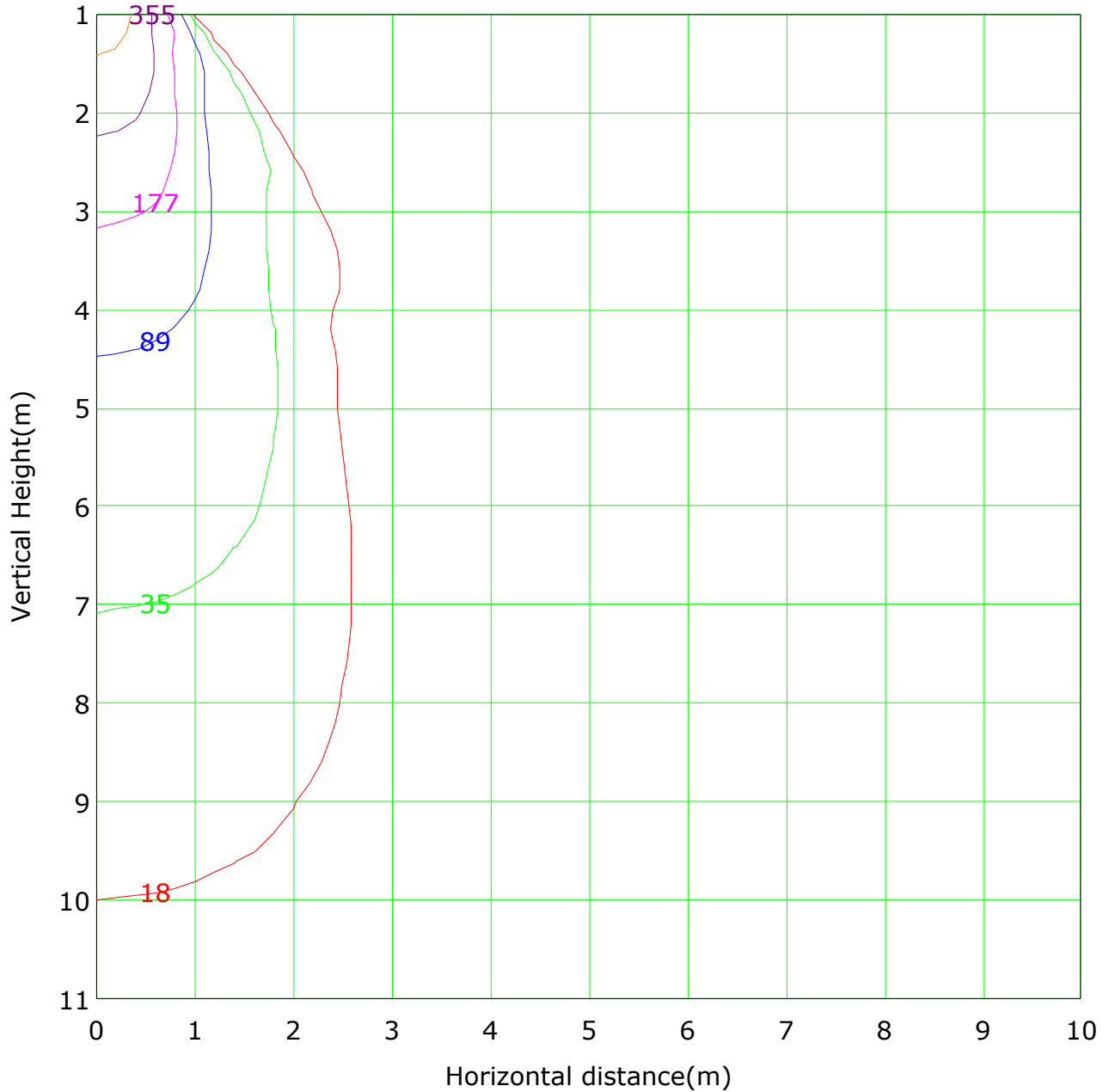
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Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1773.4 lx

— (1%): 17.7 lx	— (2%): 35.5 lx
— (5%): 88.7 lx	— (10%): 177.3 lx
— (20%): 354.7 lx	— (50%): 886.7 lx
— (100%):1773.4 lx	

The Average Illuminance Effective Figure

