

Report No.: 1

Test Time: 2017-01-05 10:02

## Luminaire Property

Luminaire Category: 0119.G.A311.6  
Luminaire Description: 60072  
Length (mm): 133  
Height (mm): 2  
Current: 0.064 A  
Power Factor: 0.982

Luminaire Manufacturer: Brasled  
Width (mm): 133  
Voltage: 230.0 V  
Power: 14.53 W

## Photometric Results

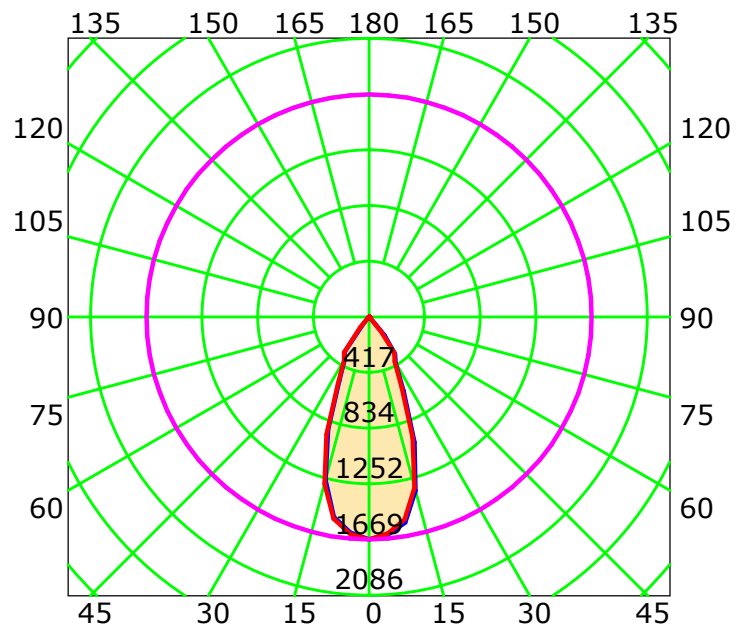
CIE Class: Direct  
Measurement Flux: 1010.9 lm  
Downward Ratio: 100%  
Field Angle: H78.7 V77.9  
Luminaire Efficacy Rating (LER): 70  
Max. Intensity: 1669.34 cd

Total Rated Lamp Lumens: 1010.9 lm  
Efficiency: 100%  
Upward Ratio: 0%  
Beam Angle: H43.1 V43.0  
Central Intensity: 1668.05 cd  
Pos of Max. Intensity: H67.5 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



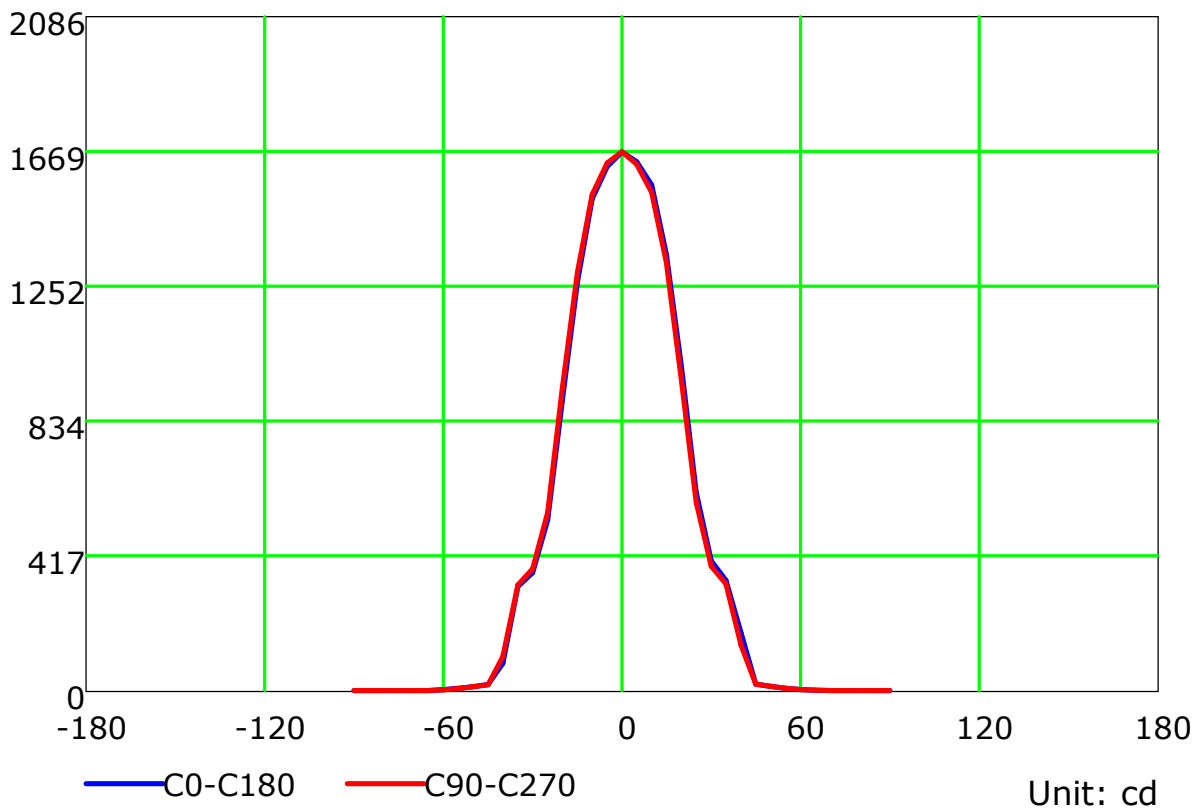
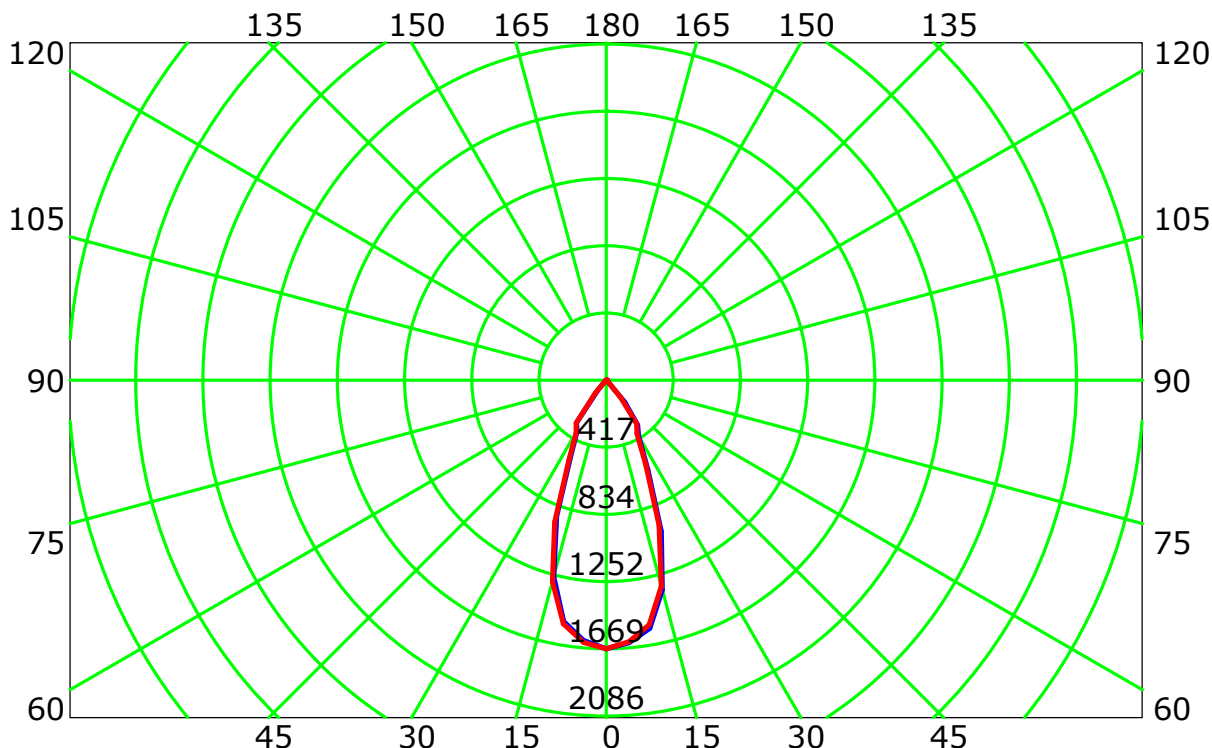
Average Diffuse Angle(50%): 43.0° Unit: cd

— 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



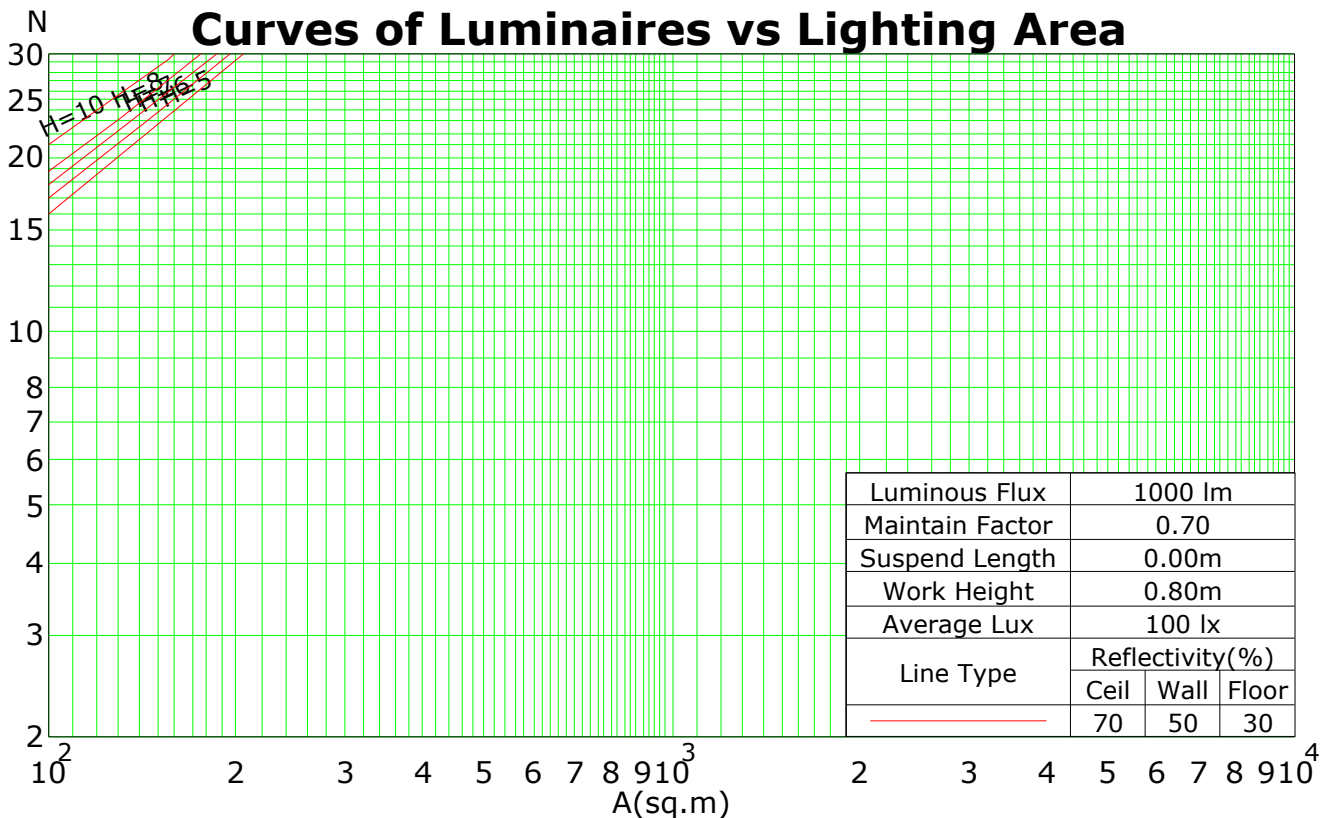
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## Coefficients Of Utilization - Zonal Cavity Method

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

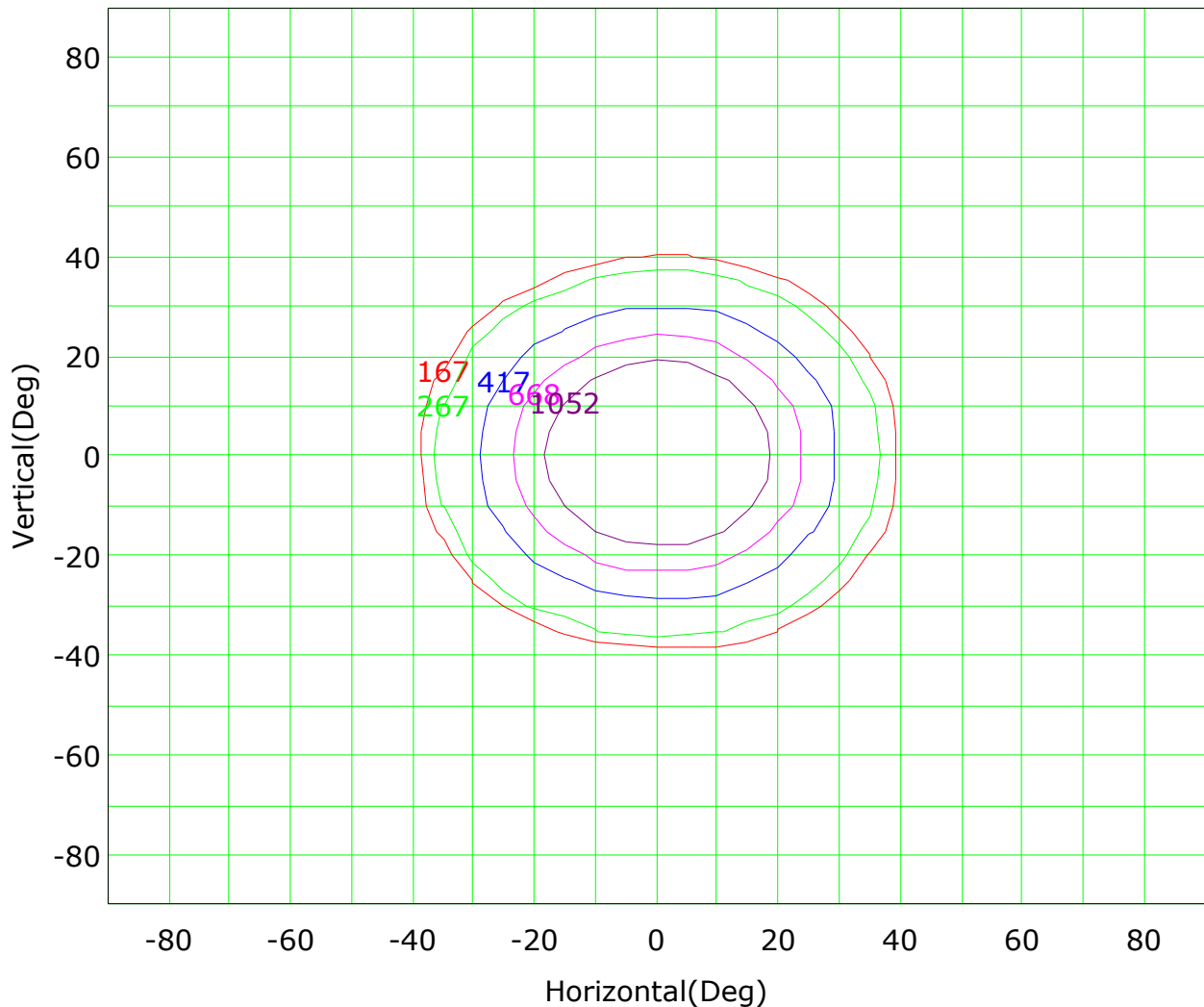
Spacing Criteria (0-180): 0.70  
 Spacing Criteria (90-270): 0.70  
 Spacing Criteria (Diagonal): 0.66



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## Isocandela (rectangle)



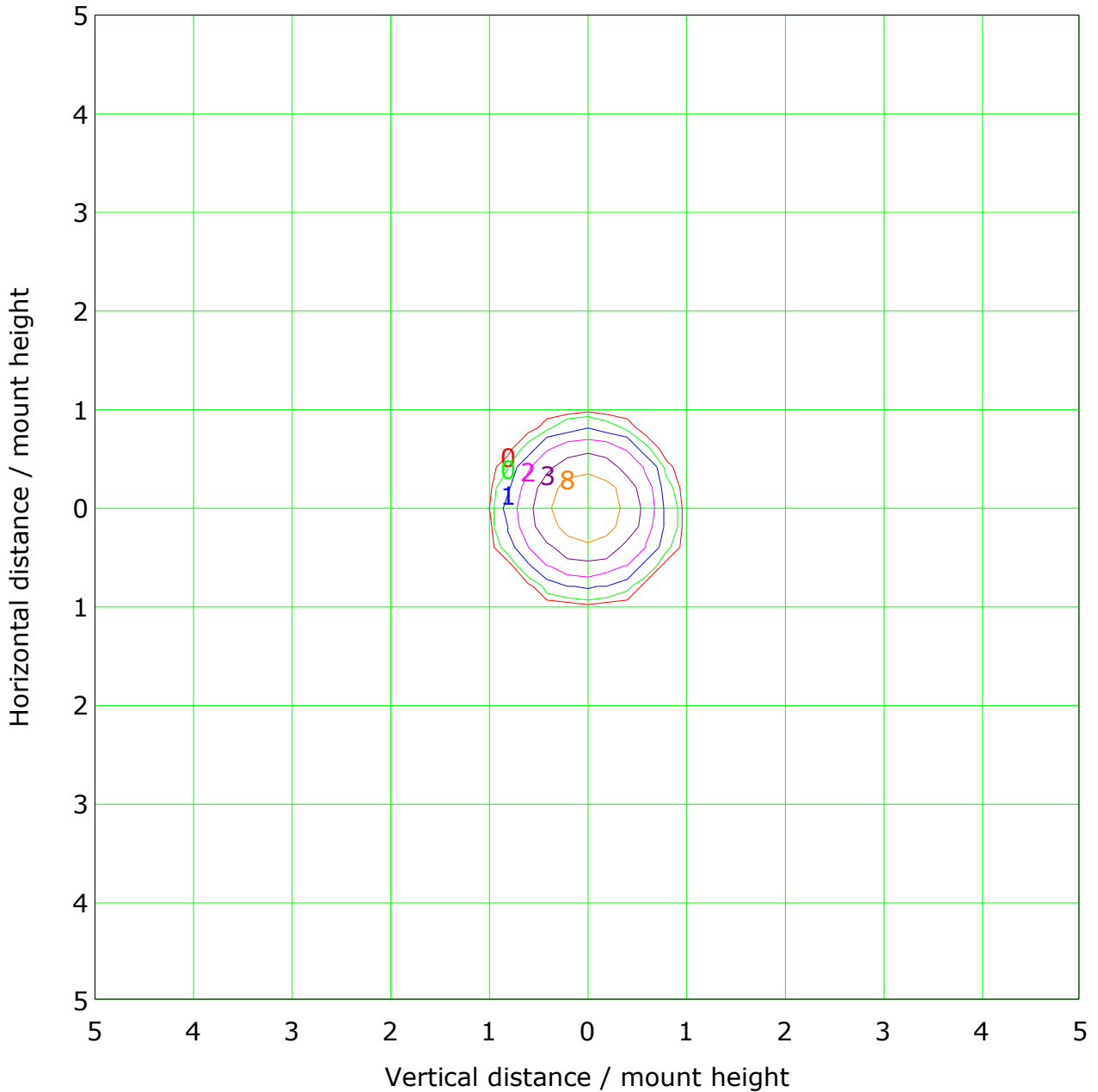
Imax (100%): 1669 cd

— ( 10%): 167 cd	— ( 16%): 267 cd
— ( 25%): 417 cd	— ( 40%): 668 cd
— ( 63%): 1052 cd	— (100%): 1669 cd

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## IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 16.7 lx	
— ( 1%):	0.2 lx	— ( 2%):	0.3 lx
— ( 5%):	0.8 lx	— ( 10%):	1.7 lx
— ( 20%):	3.3 lx	— ( 50%):	8.3 lx
— (100%):	16.7 lx		

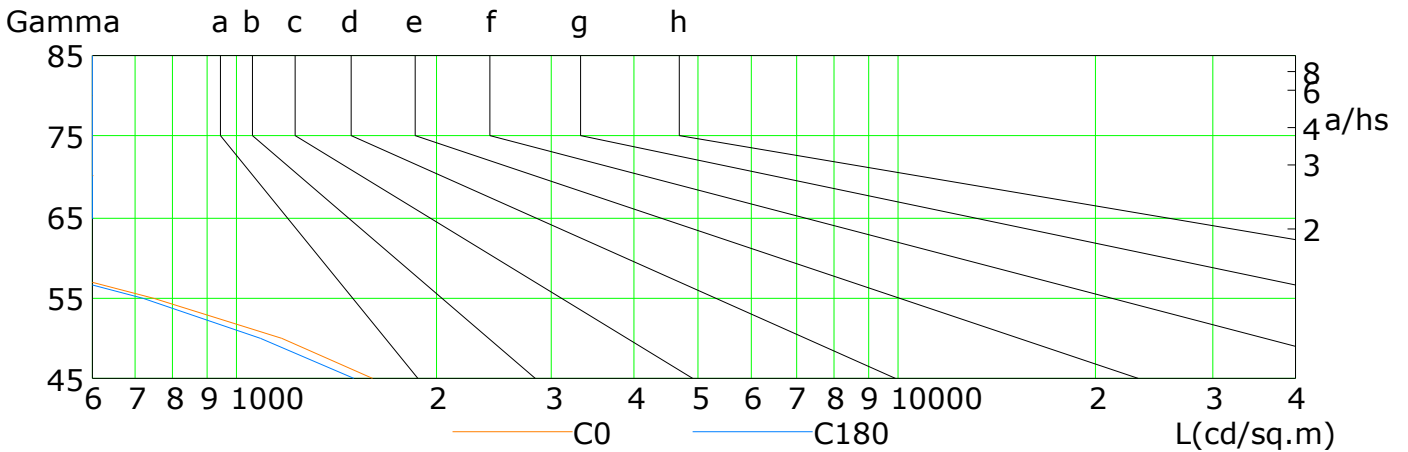
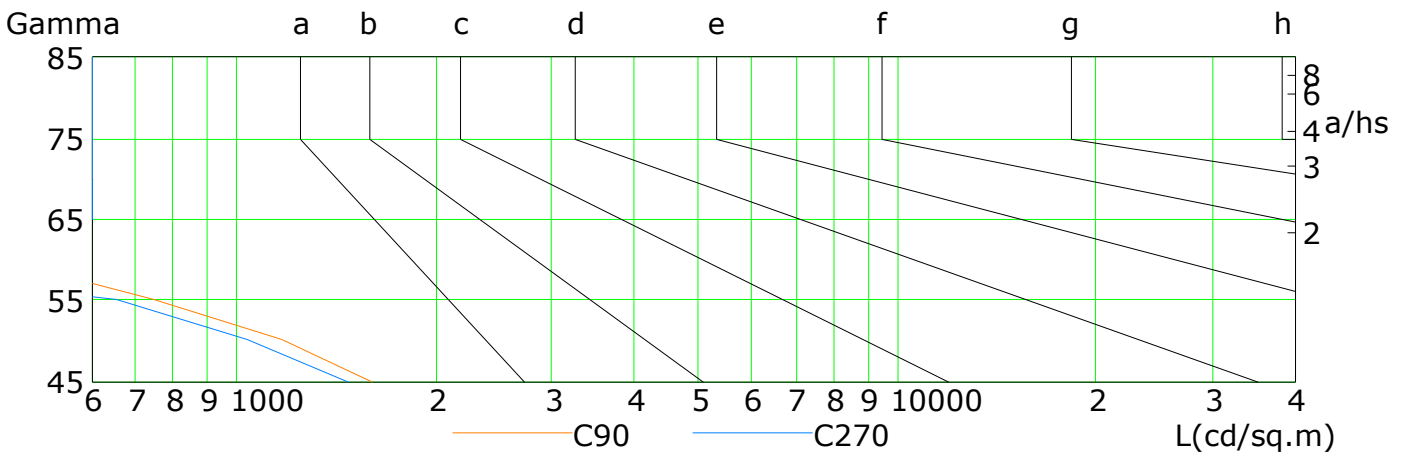
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## Lum Limit Curve

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

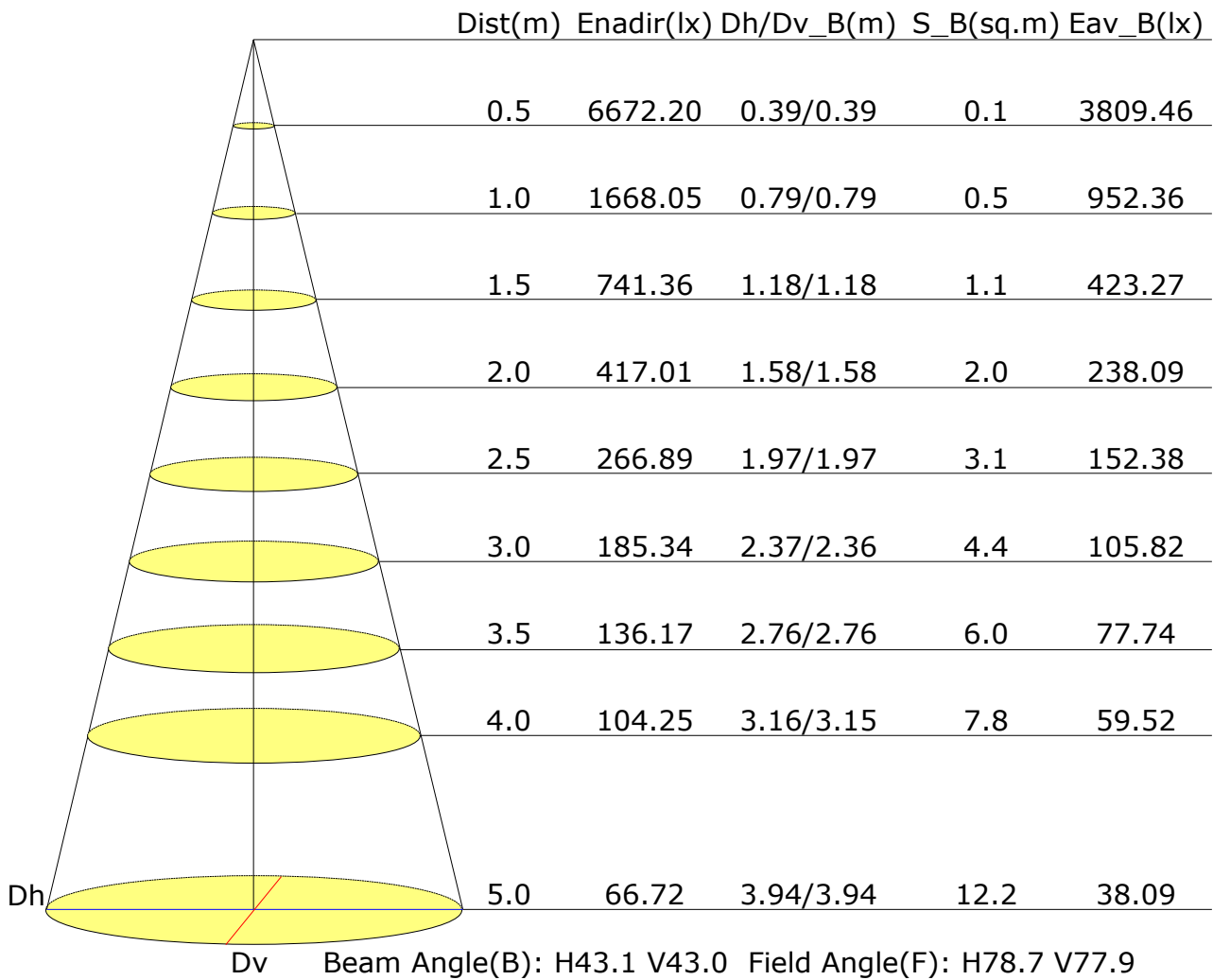


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	1601	1171	747	426	167	0	0	0	0
C90	1601	1171	747	426	167	0	0	0	0
C180	1500	1088	716	391	0	0	0	0	0
C270	1474	1032	654	284	0	0	0	0	0

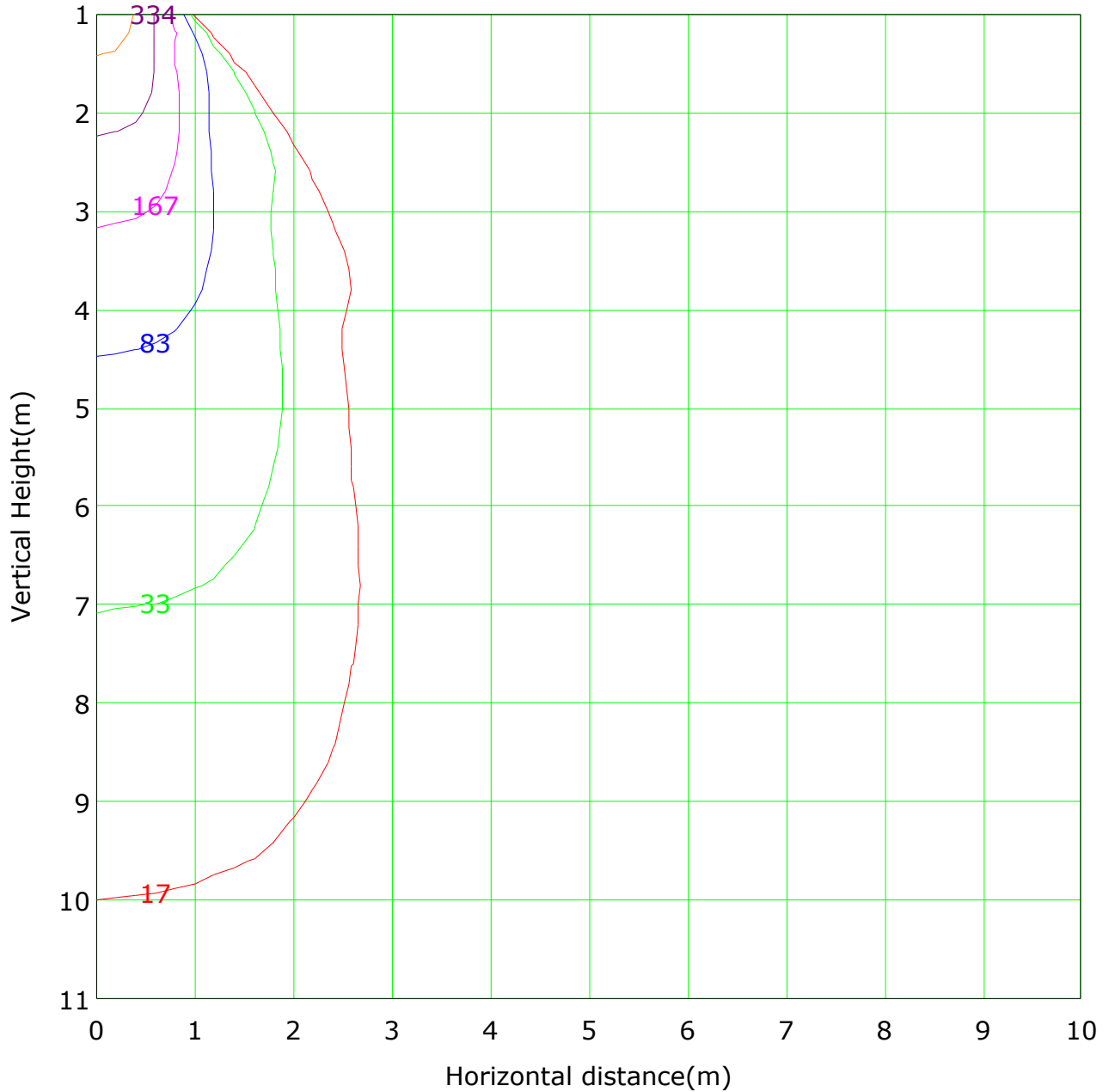
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## Illuminance at a Distance



## Vertical IsoLux Plot



Lowest(m): 1.0m    Highest(m): 11.0m    Max Lux: 1668.1 lx  
 ( 1%): 16.7 lx                      ( 2%): 33.4 lx  
 ( 5%): 83.4 lx                        ( 10%): 166.8 lx  
 ( 20%): 333.6 lx                      ( 50%): 834.0 lx  
 (100%):1668.1 lx



## The Average Illuminance Effective Figure

