

Report No.: 1

Test Time: 2016-12-29 14:23

## Luminaire Property

Luminaire Category: 0117.W.A231.6  
Luminaire Description: 60005  
Length (mm): 108  
Height (mm): 2  
Current: 0.057 A  
Power Factor: 0.975

Luminaire Manufacturer: Brasled  
Width (mm): 108  
Voltage: 230.1 V  
Power: 12.73 W

## Photometric Results

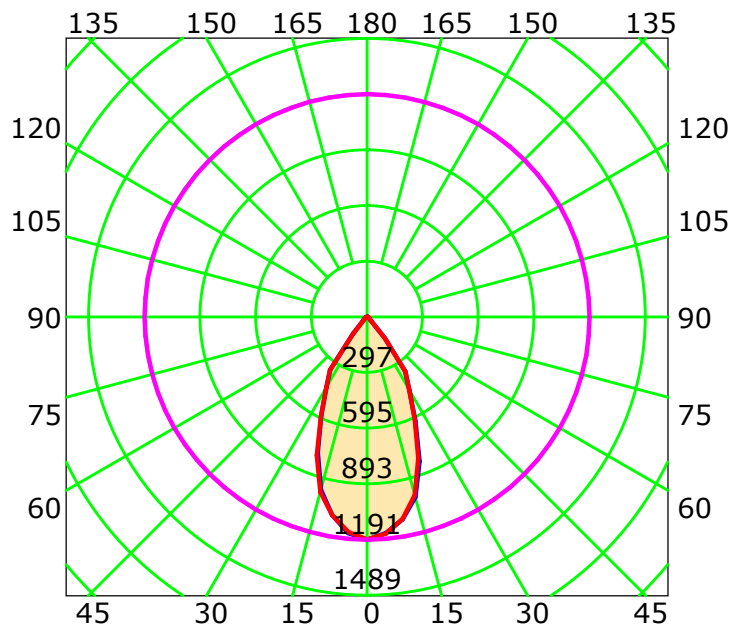
CIE Class: Direct  
Measurement Flux: 930 lm  
Downward Ratio: 100%  
Field Angle: H81.3 V81.4  
Luminaire Efficacy Rating (LER): 73  
Max. Intensity: 1191.46 cd

Total Rated Lamp Lumens: 930.0 lm  
Efficiency: 100%  
Upward Ratio: 0%  
Beam Angle: H50.2 V50.1  
Central Intensity: 1191.46 cd  
Pos of Max. Intensity: H0 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



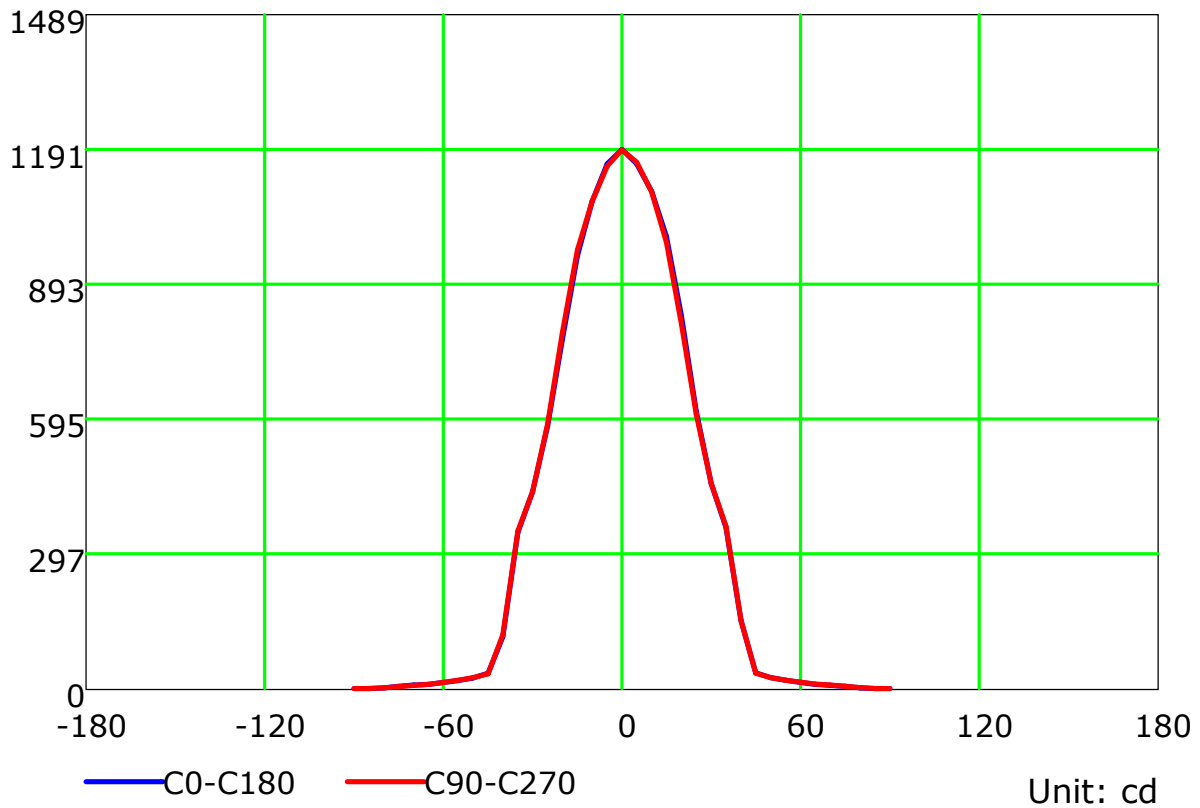
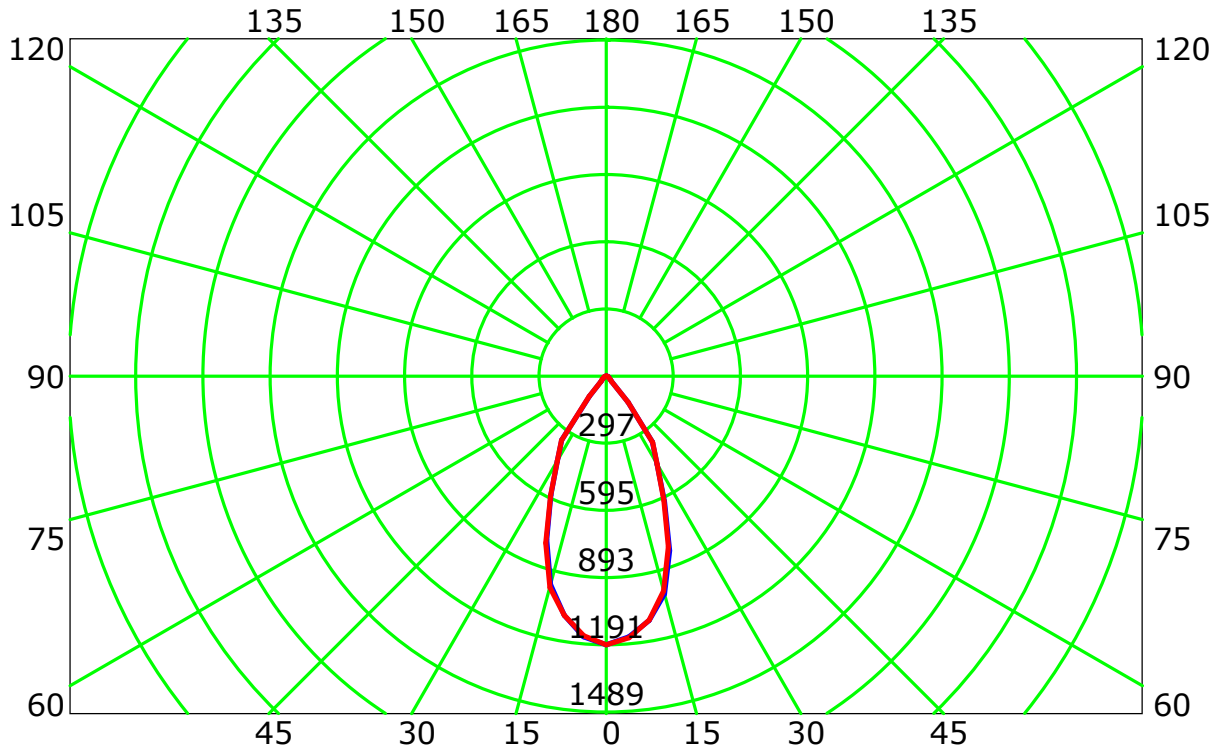
Unit: cd  
Average Diffuse Angle(50%): 50.2

— 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



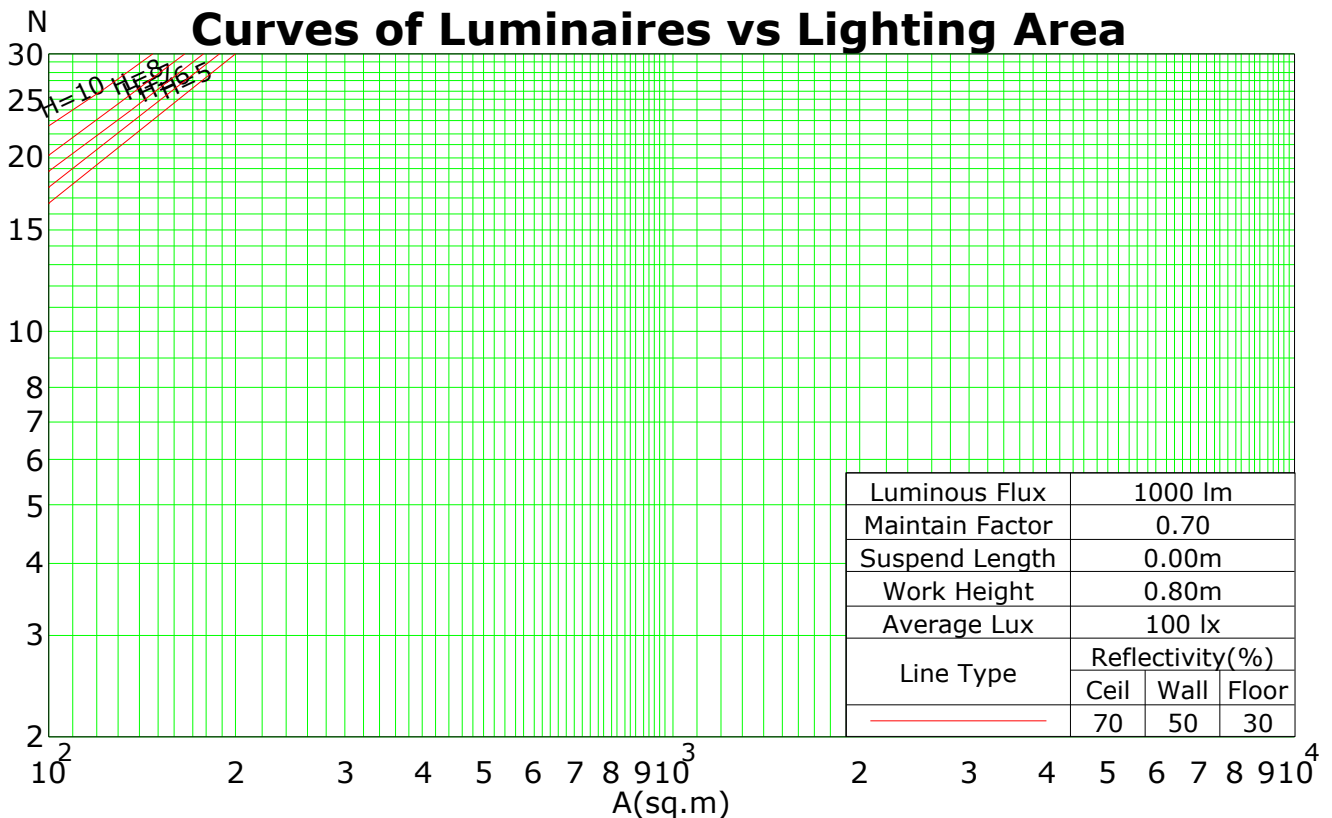
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## Coefficients Of Utilization - Zonal Cavity Method

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	113	111	108	106	111	108	106	104	104	103	101	101	99	98	97	96	95	93
2	108	103	99	95	105	101	97	94	98	95	92	95	92	90	92	90	88	87
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	80
4	97	90	84	80	95	88	83	79	86	82	78	84	80	77	82	79	76	75
5	92	84	78	74	91	83	77	73	81	76	73	79	75	72	78	74	71	70
6	88	79	73	69	86	78	72	68	76	72	68	75	71	67	74	70	67	65
7	83	74	68	64	82	73	68	64	72	67	63	71	66	63	70	66	63	61
8	79	70	64	60	78	69	64	60	68	63	60	67	63	59	66	62	59	58
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	54
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	56	53	51

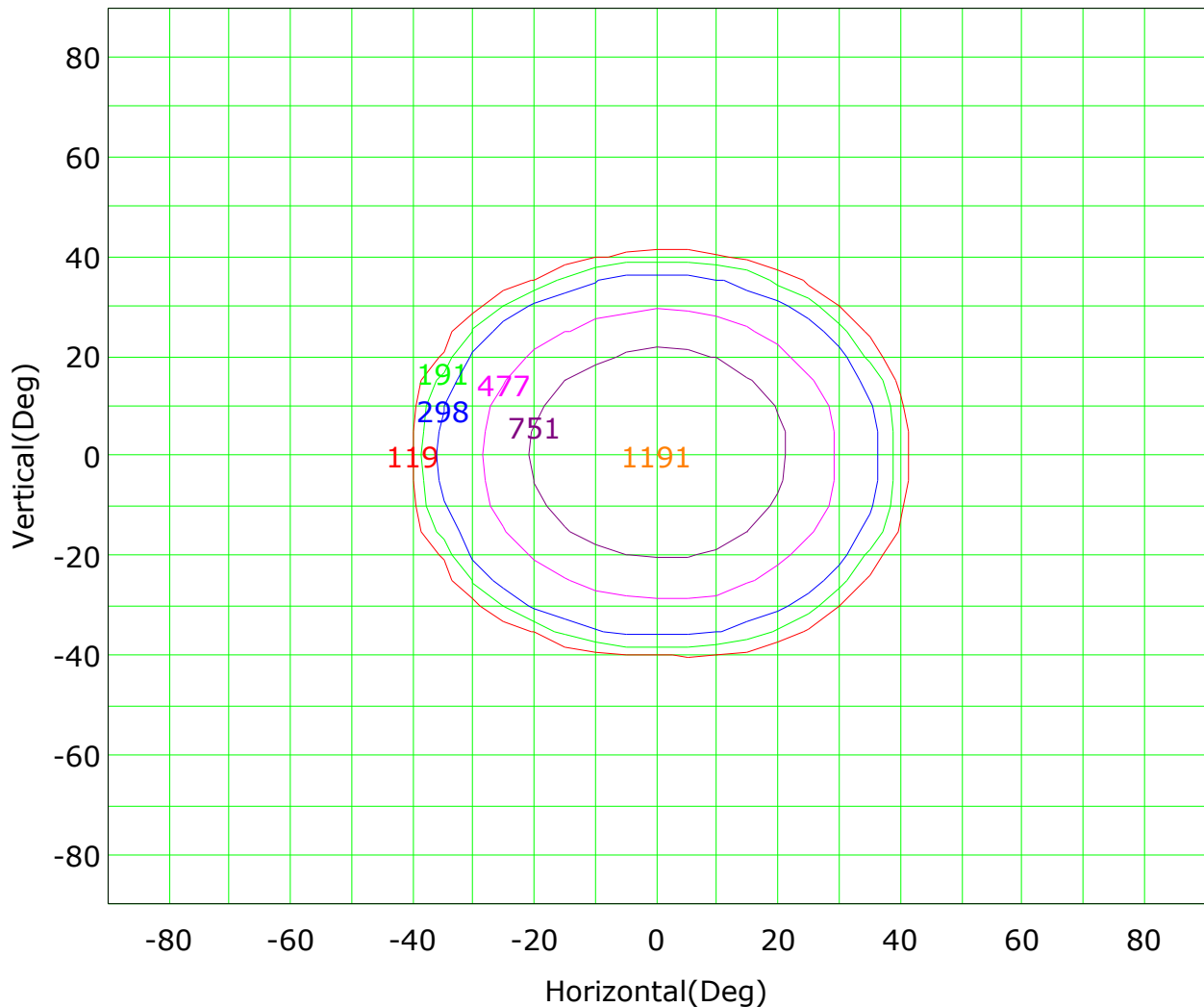
Spacing Criteria (0-180): 0.79  
 Spacing Criteria (90-270): 0.79  
 Spacing Criteria (Diagonal): 0.81



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## Isocandela (rectangle)



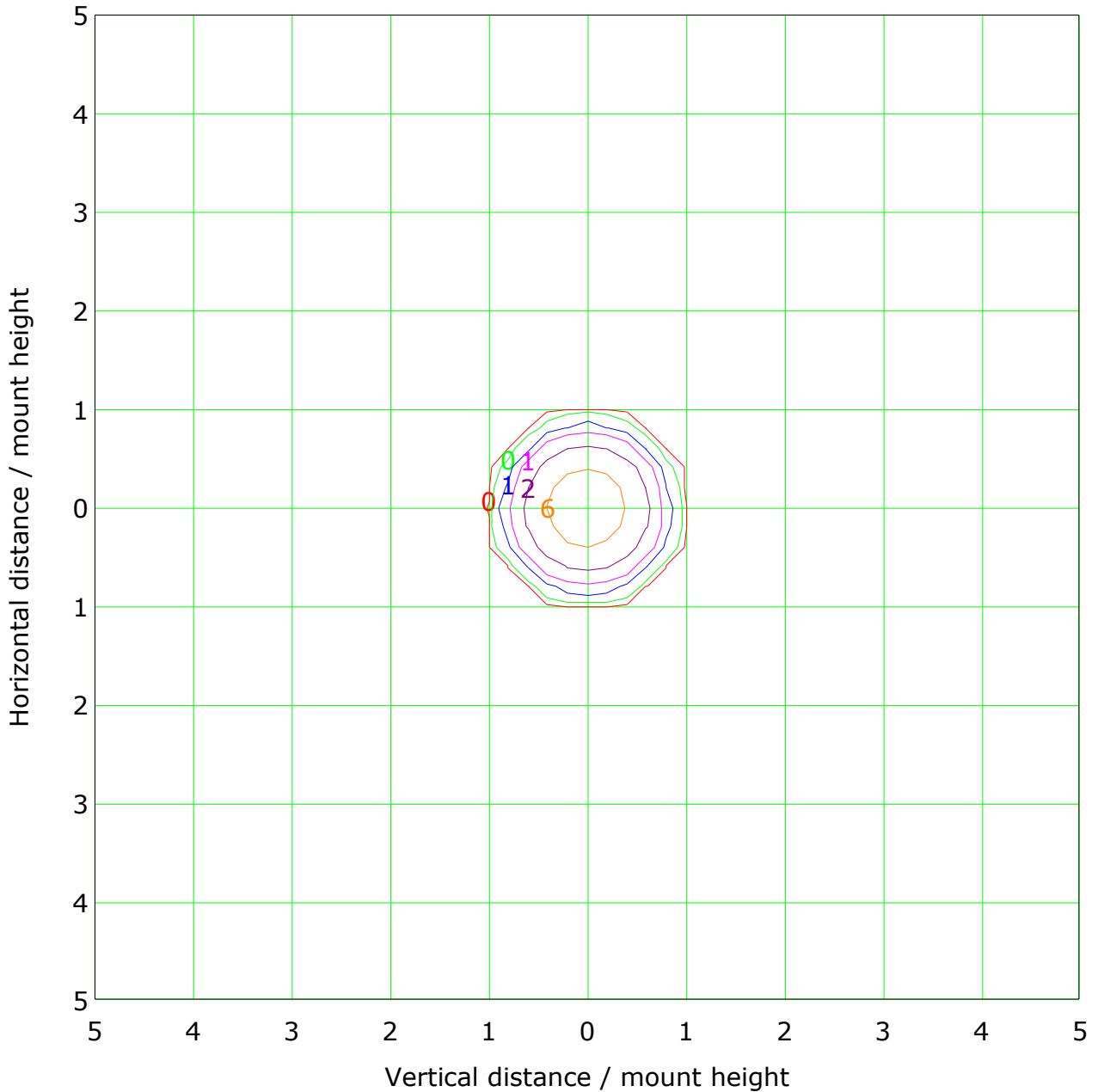
Imax (100%): 1191 cd

— ( 10%):	119 cd	— ( 16%):	191 cd
— ( 25%):	298 cd	— ( 40%):	477 cd
— ( 63%):	751 cd	— (100%):	1191 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%):	6.0 lx
— (100%):	11.9 lx		

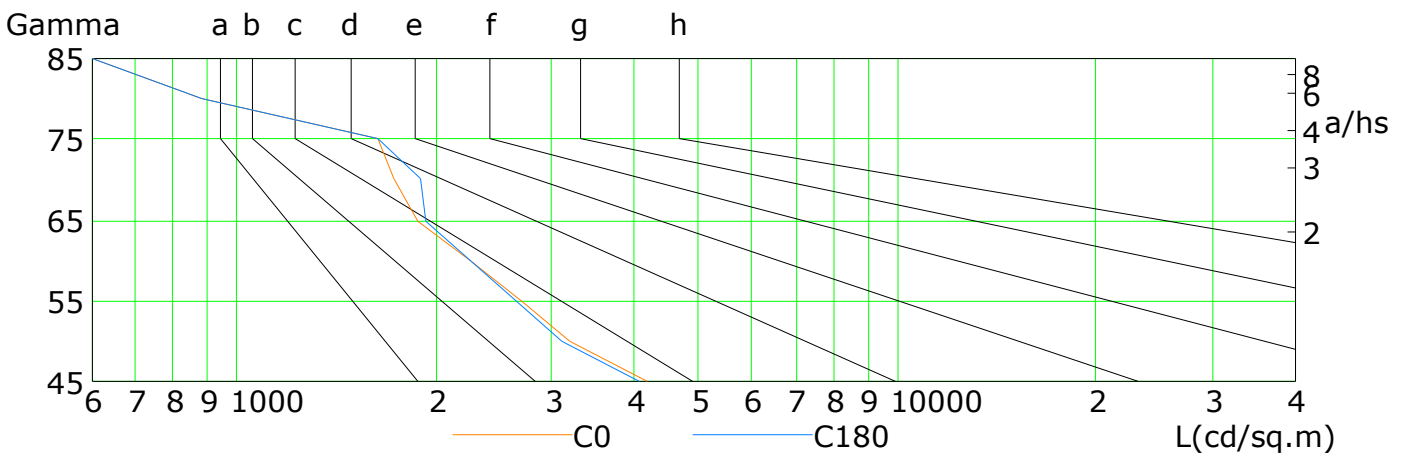
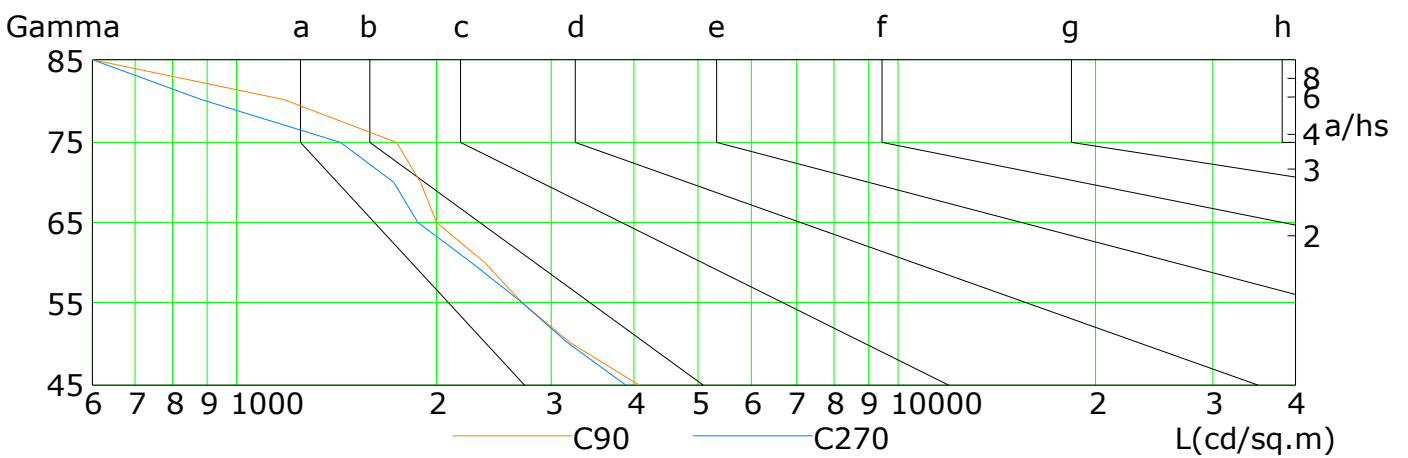
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## Lum Limit Curve

Dazzle	Quality	Illuminance (lx)								
		2000	1000	500	<=300					
1.15	A									
1.50	B		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

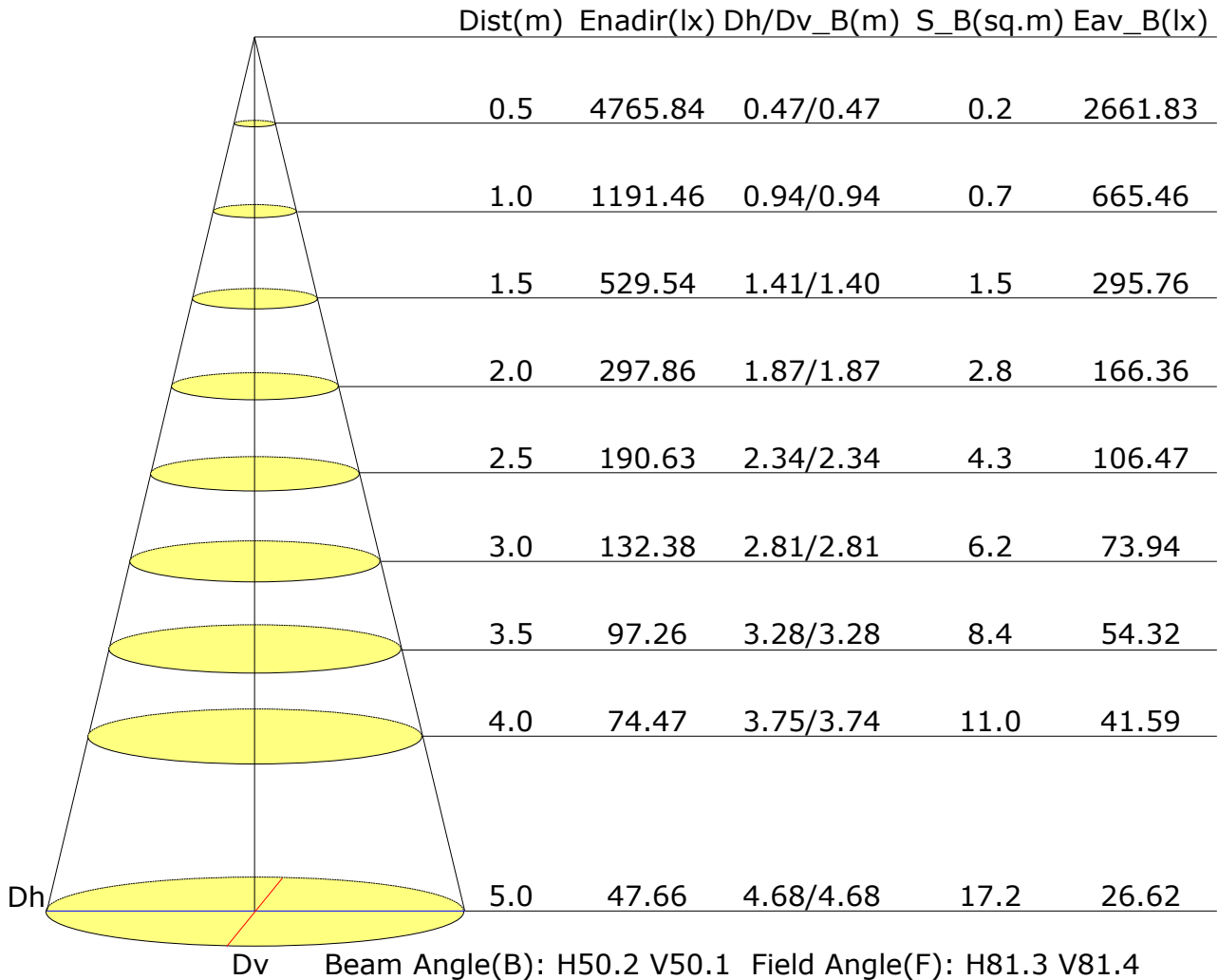


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	4165	3188	2693	2250	1867	1732	1636	885	0
C90	4047	3188	2693	2359	1996	1889	1738	1180	0
C180	4047	3102	2644	2250	1932	1889	1636	885	0
C270	3890	3145	2693	2250	1867	1732	1431	885	0

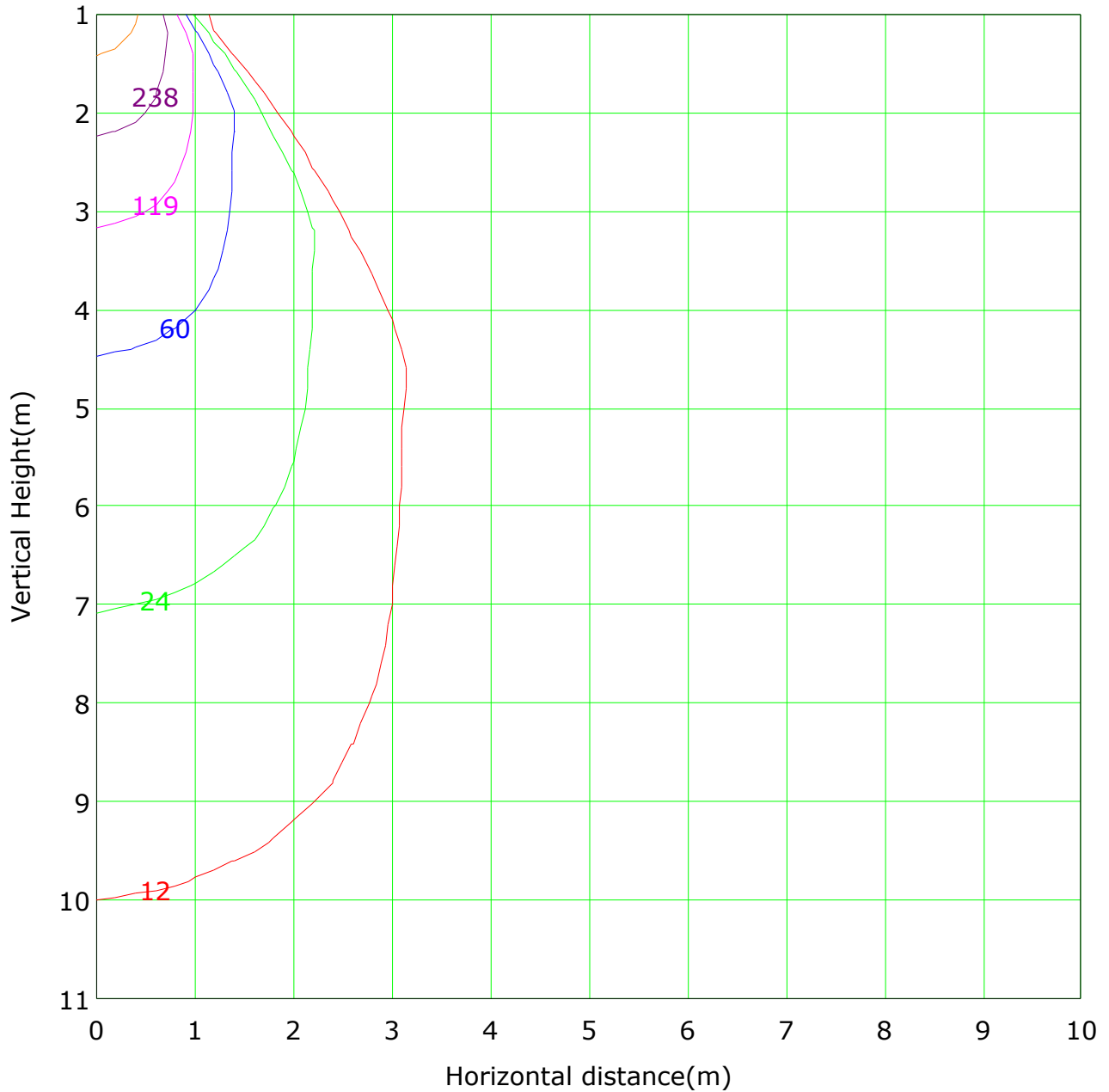
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## Illuminance at a Distance



## Vertical IsoLux Plot



Lowest(m): 1.0m    Highest(m): 11.0m    Max Lux: 1191.5 lx

— ( 1%): 11.9 lx	— ( 2%): 23.8 lx
— ( 5%): 59.6 lx	— ( 10%): 119.1 lx
— ( 20%): 238.3 lx	— ( 50%): 595.7 lx
— (100%):1191.5 lx	



## The Average Illuminance Effective Figure

