

Report No.: 1

Test Time: 2016-12-27 15:04

## Luminaire Property

Luminaire Category: 0111.W.A311.6  
Luminaire Description: 60059  
Length (mm): 118  
Height (mm): 3  
Current: 0.064 A  
Power Factor: 0.980

Luminaire Manufacturer: Brasled  
Width (mm): 118  
Voltage: 230.1 V  
Power: 14.37 W

## Photometric Results

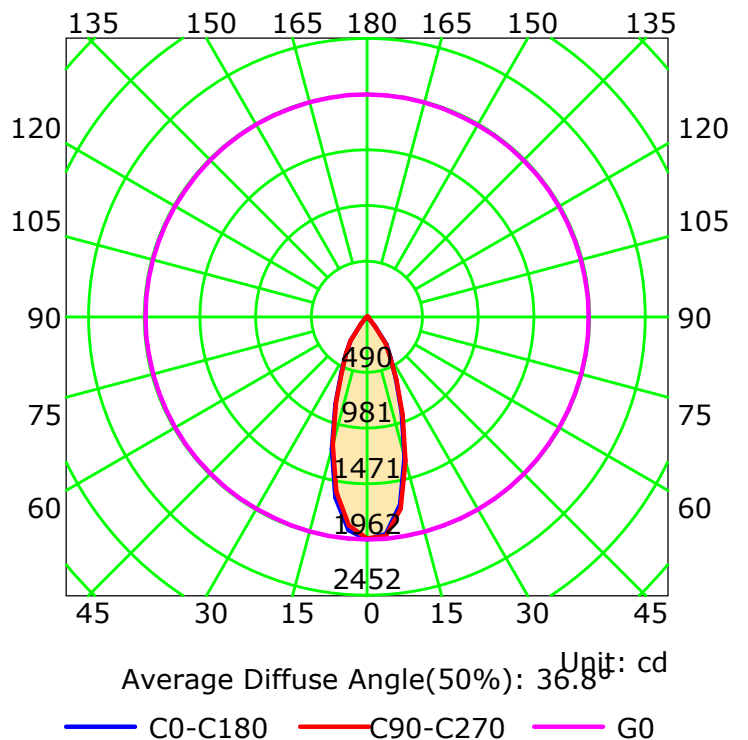
CIE Class: Direct  
Measurement Flux: 1003.6 lm  
Downward Ratio: 100%  
Field Angle: H74.5 V74.5  
Luminaire Efficacy Rating (LER): 70  
Max. Intensity: 1962.19 cd

Total Rated Lamp Lumens: 1003.6 lm  
Efficiency: 100%  
Upward Ratio: 0%  
Beam Angle: H36.8 V36.9  
Central Intensity: 1962.19 cd  
Pos of Max. Intensity: H0 V0

Picture Of Luminaire



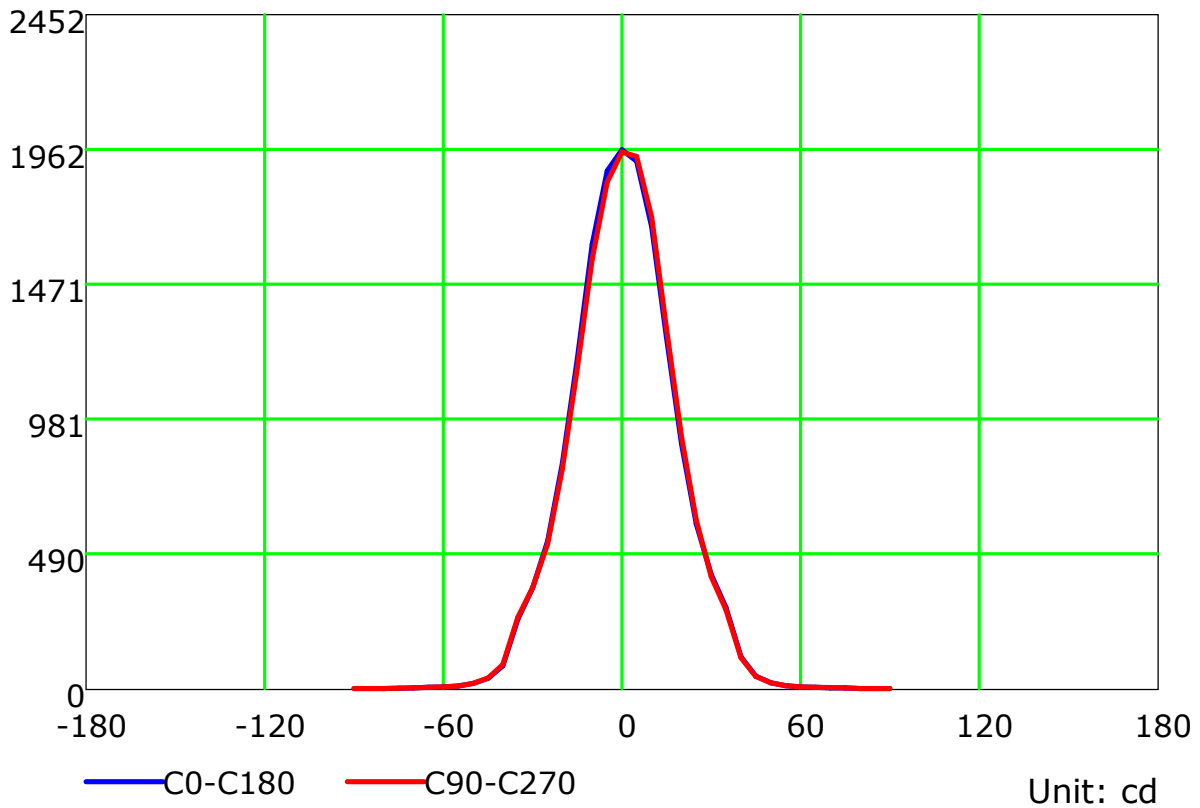
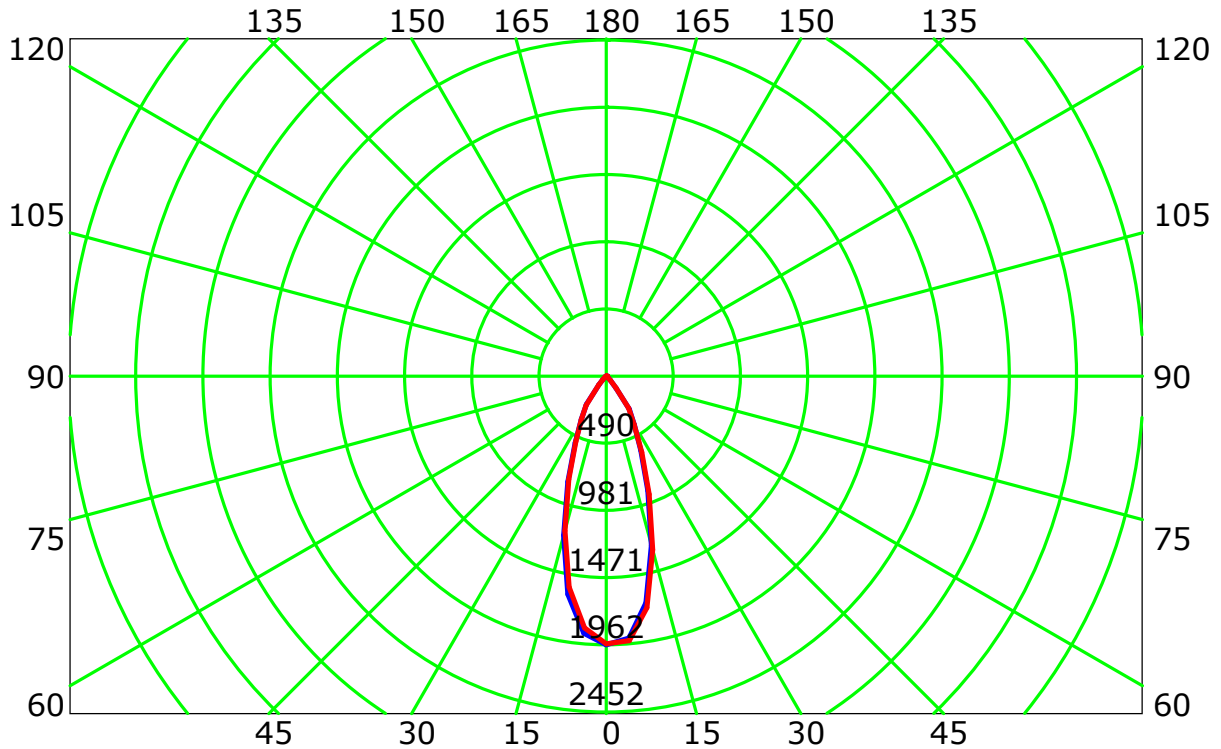
Luminous Intensity Distribution Curve



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:

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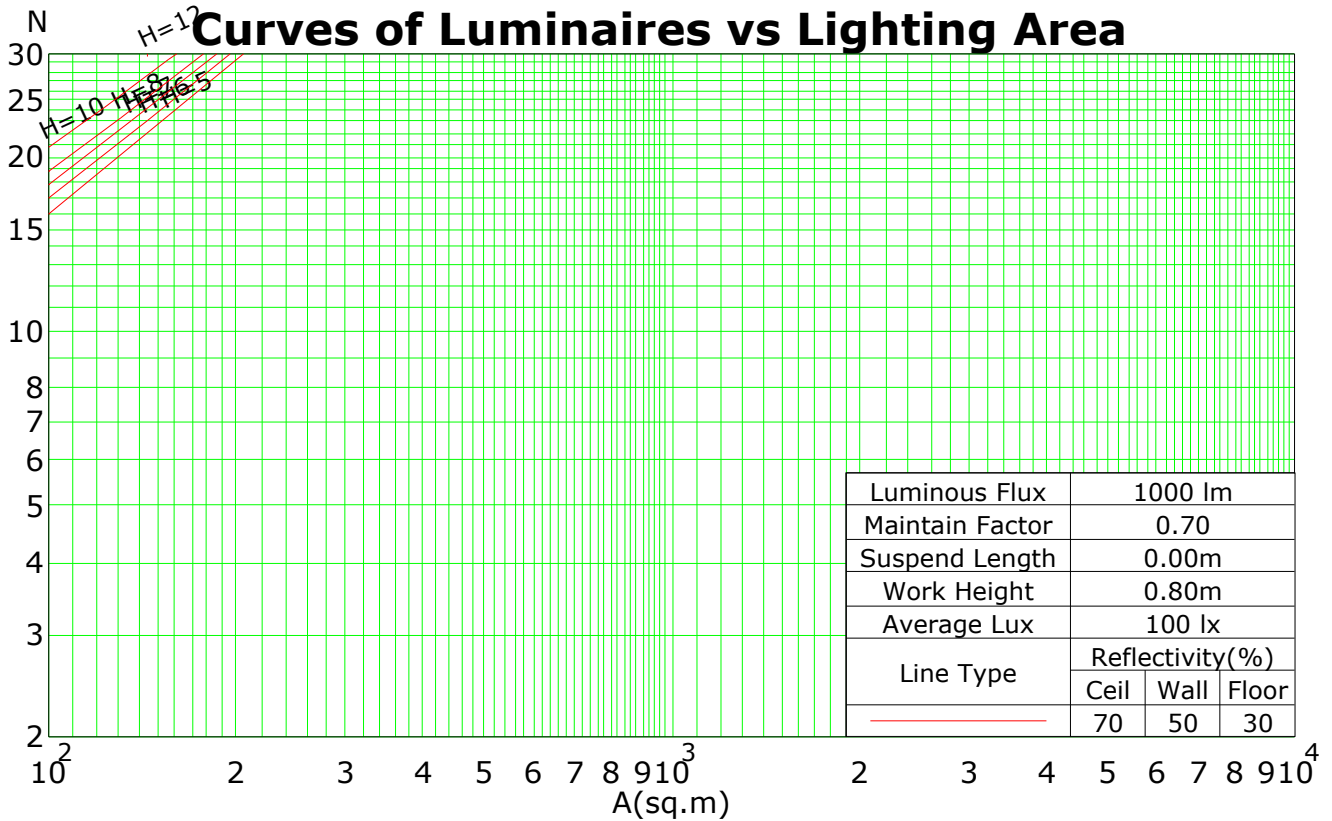
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Unit: cd

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

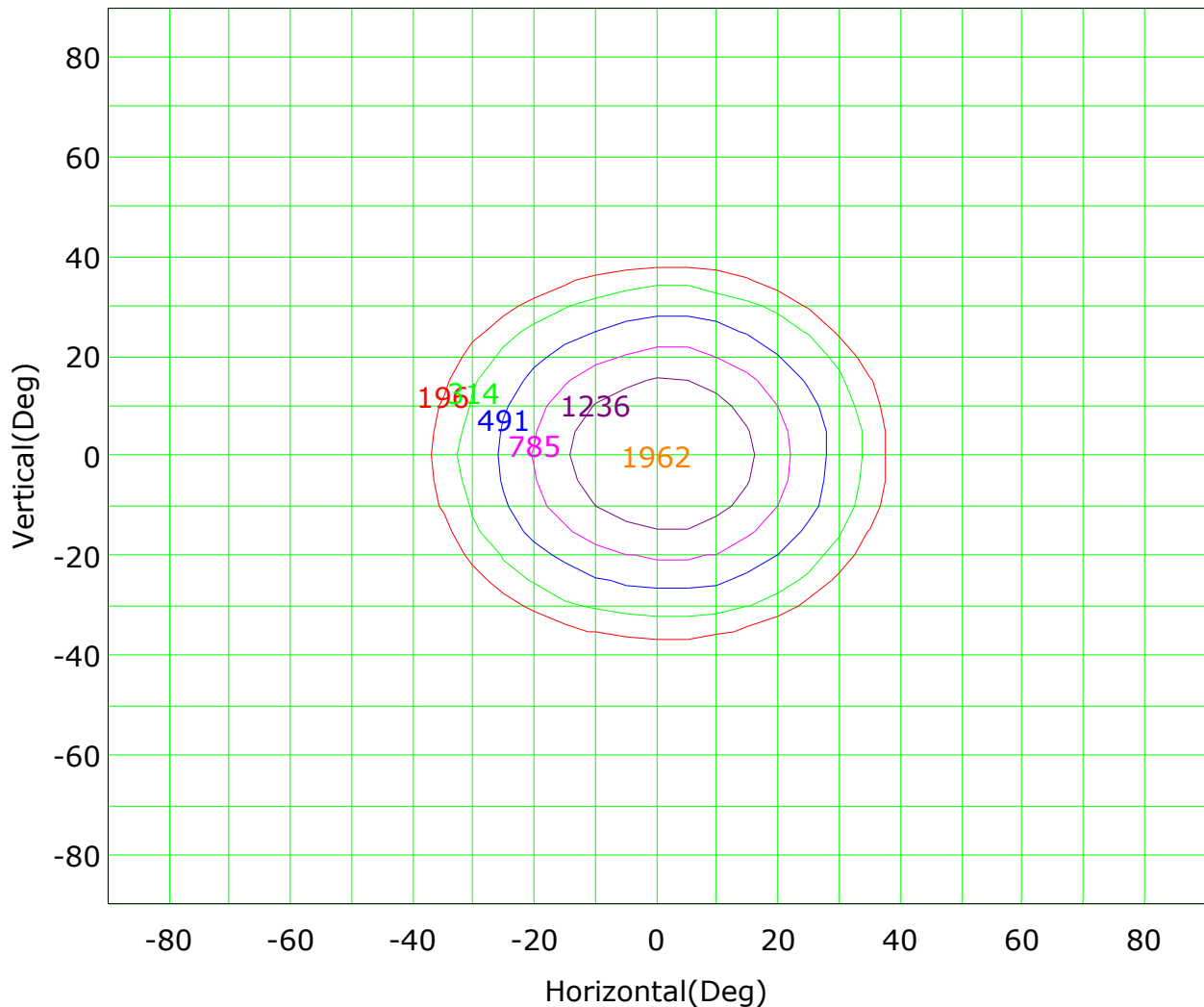
Spacing Criteria (0-180): 0.60  
 Spacing Criteria (90-270): 0.60  
 Spacing Criteria (Diagonal): 0.62



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## Isocandela (rectangle)



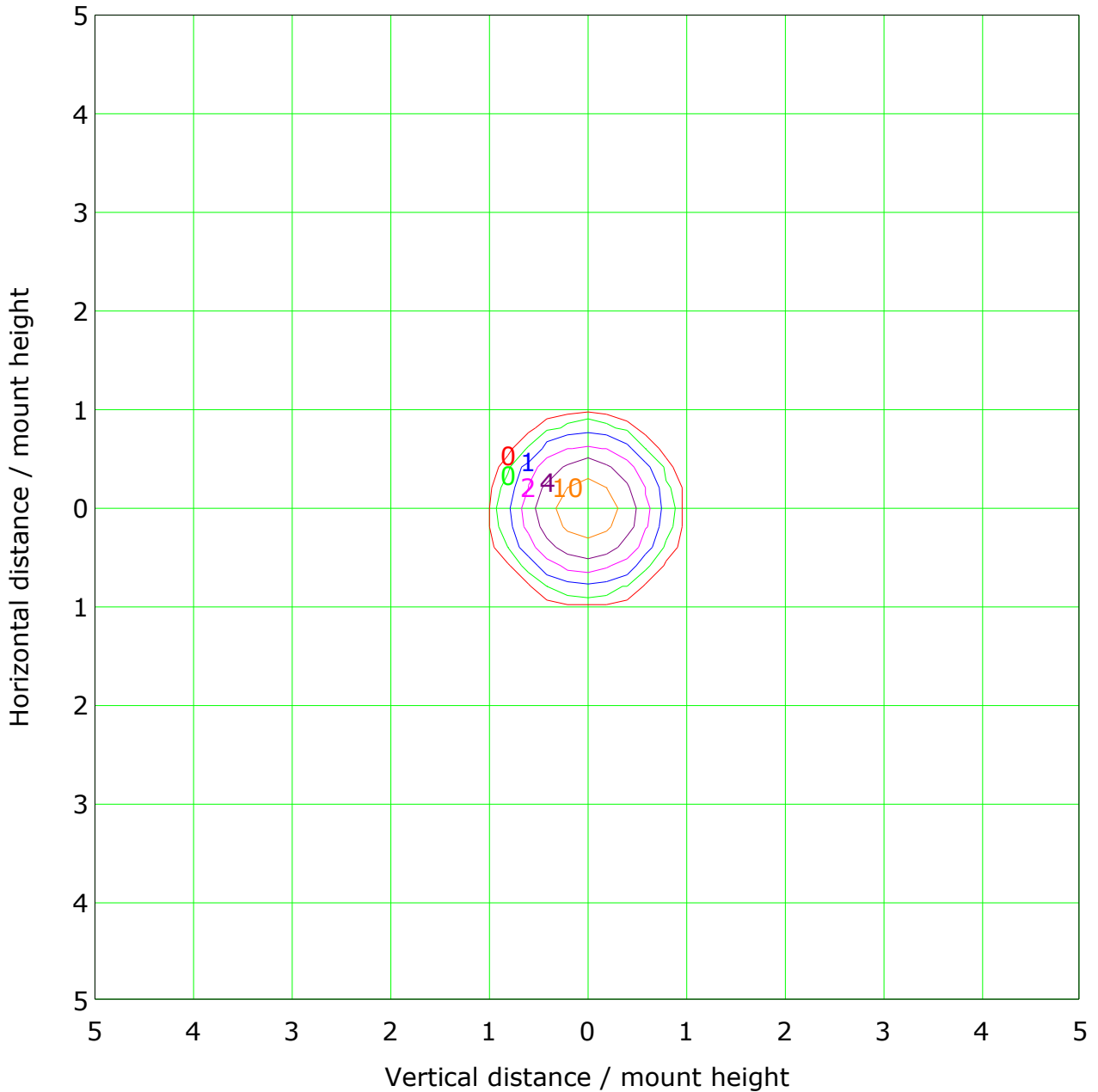
Imax (100%): 1962 cd

— ( 10%): 196 cd	— ( 16%): 314 cd
— ( 25%): 491 cd	— ( 40%): 785 cd
— ( 63%): 1236 cd	— (100%): 1962 cd

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## IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 19.6 lx	
— ( 1%):	0.2 lx	— ( 2%):	0.4 lx
— ( 5%):	1.0 lx	— ( 10%):	2.0 lx
— ( 20%):	3.9 lx	— ( 50%):	9.8 lx
— (100%):	19.6 lx		

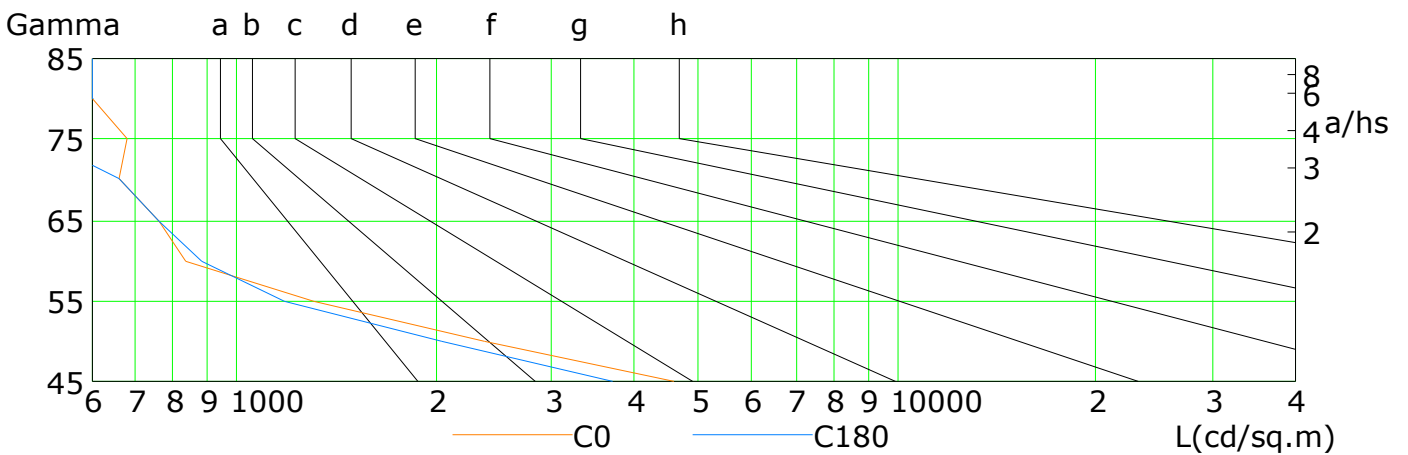
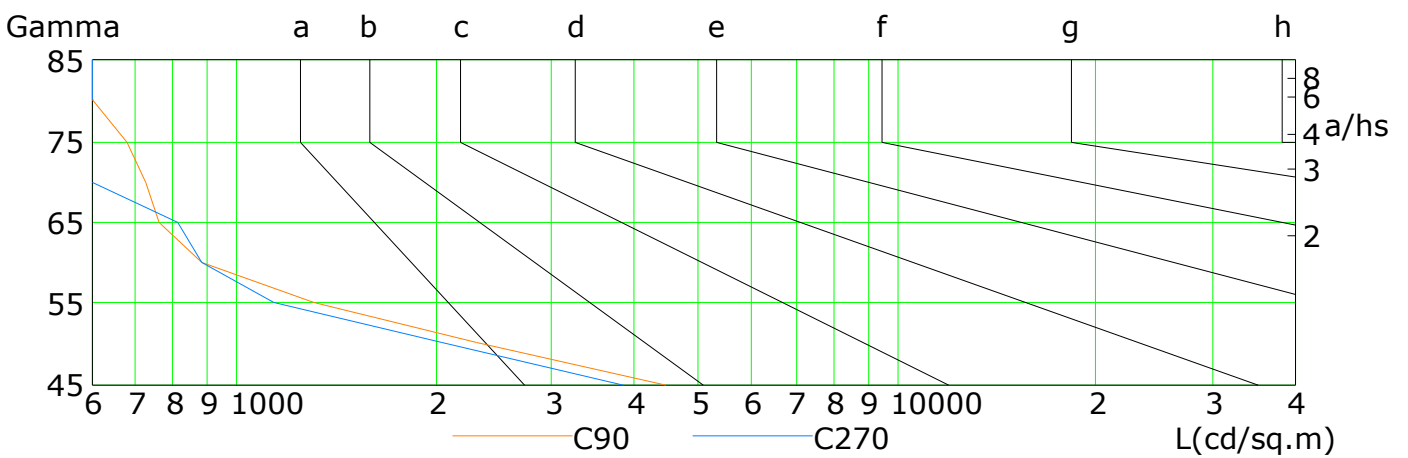
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## Lum Limit Curve

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

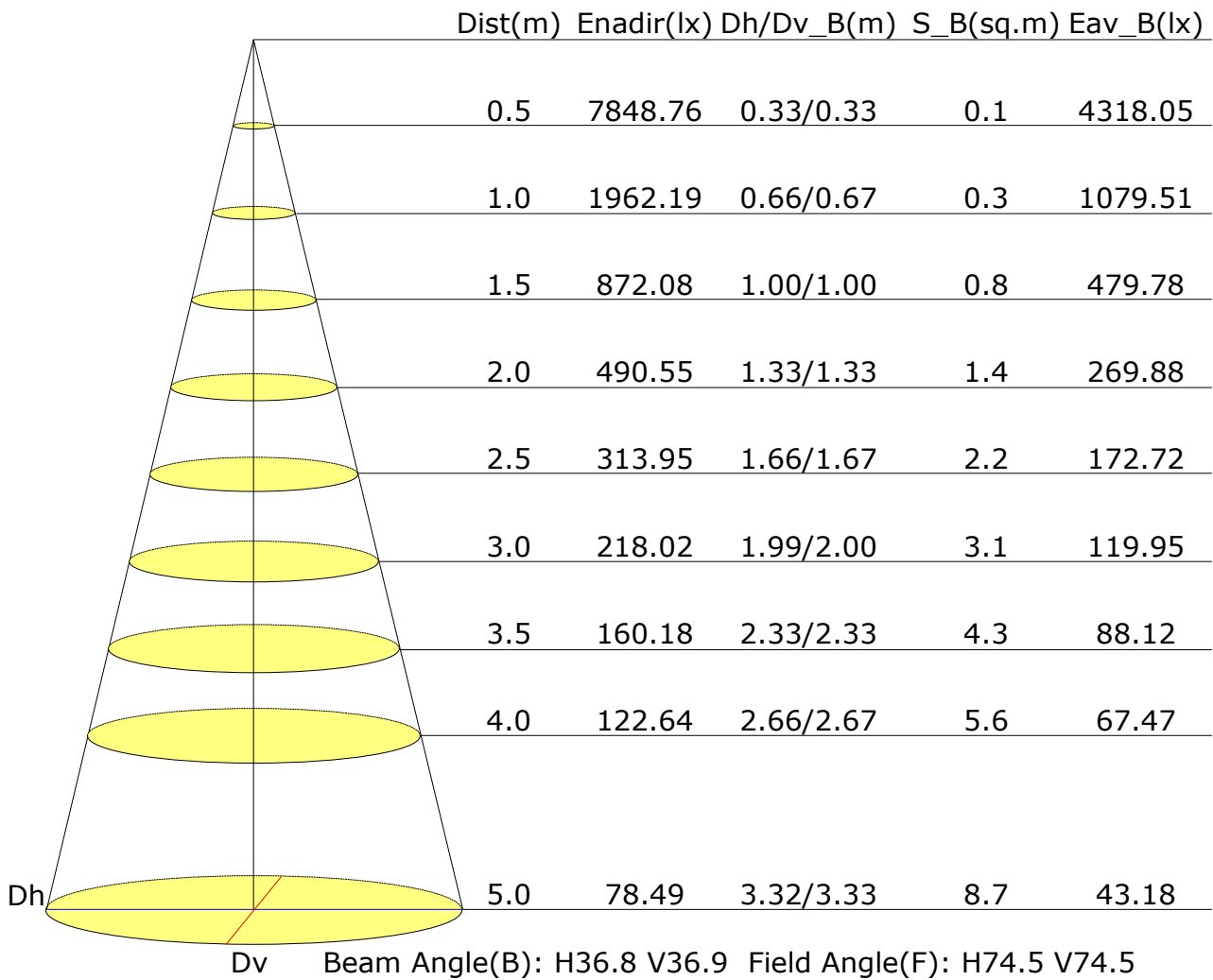


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	4565	2372	1300	834	759	659	682	0	0
C90	4465	2298	1300	879	759	726	682	0	0
C180	3698	2043	1179	879	759	659	512	0	0
C270	3832	2043	1138	879	814	595	512	0	0

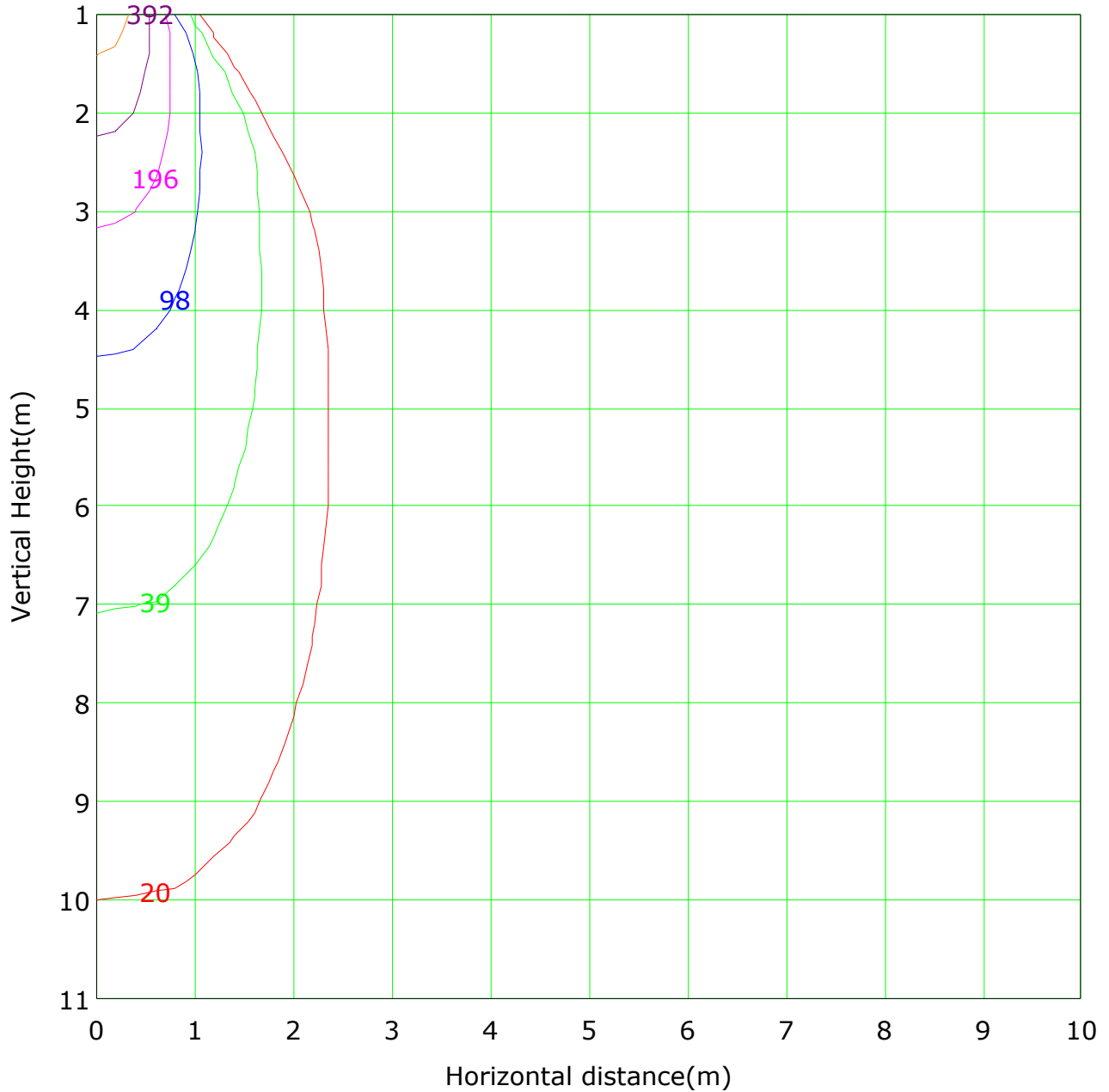
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## Illuminance at a Distance



## Vertical IsoLux Plot



Lowest(m): 1.0m    Highest(m): 11.0m    Max Lux: 1962.2 lx

— ( 1%): 19.6 lx	— ( 2%): 39.2 lx
— ( 5%): 98.1 lx	— ( 10%): 196.2 lx
— ( 20%): 392.4 lx	— ( 50%): 981.1 lx
— (100%):1962.2 lx	



## The Average Illuminance Effective Figure

