

Report No.: 1

Test Time: 2017-01-17 08:35

## Luminaire Property

Luminaire Category: 0409.WB.A231.6  
Luminaire Description: 60010  
Length (mm): 156  
Height (mm): 2  
Current: 0.057 A  
Power Factor: 0.979

Luminaire Manufacturer: Brasled  
Width (mm): 156  
Voltage: 230.2 V  
Power: 12.85 W

## Photometric Results

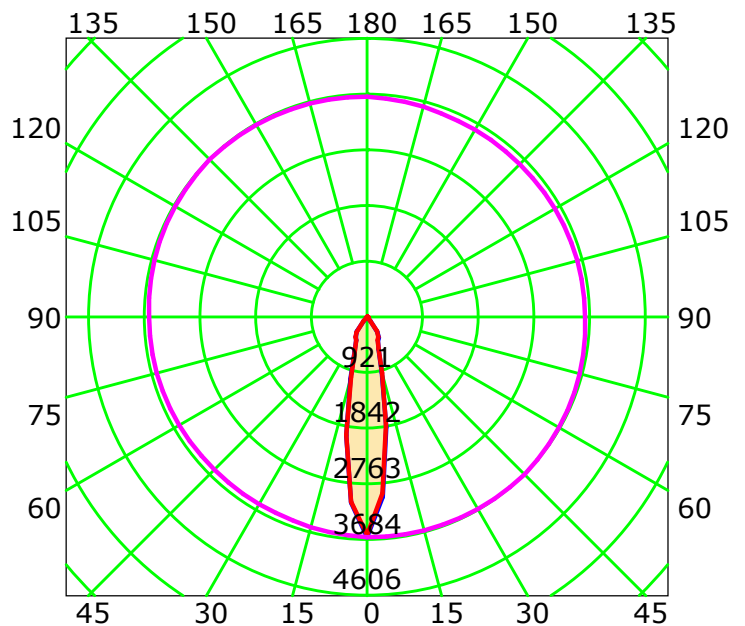
CIE Class: Direct  
Measurement Flux: 954.2 lm  
Downward Ratio: 100%  
Field Angle: H62.7 V62.8  
Luminaire Efficacy Rating (LER): 74  
Max. Intensity: 3684.97 cd

Total Rated Lamp Lumens: 954.2 lm  
Efficiency: 100%  
Upward Ratio: 0%  
Beam Angle: H21.1 V21.0  
Central Intensity: 3643.77 cd  
Pos of Max. Intensity: H45 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



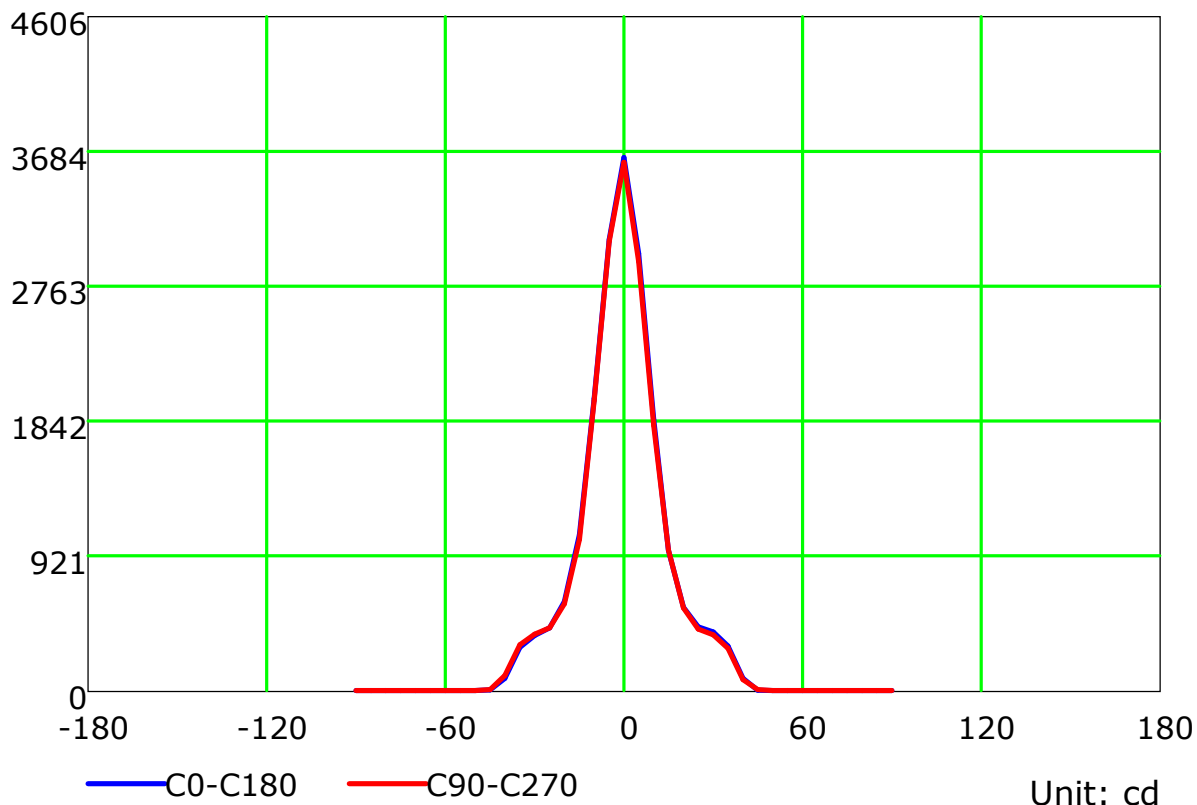
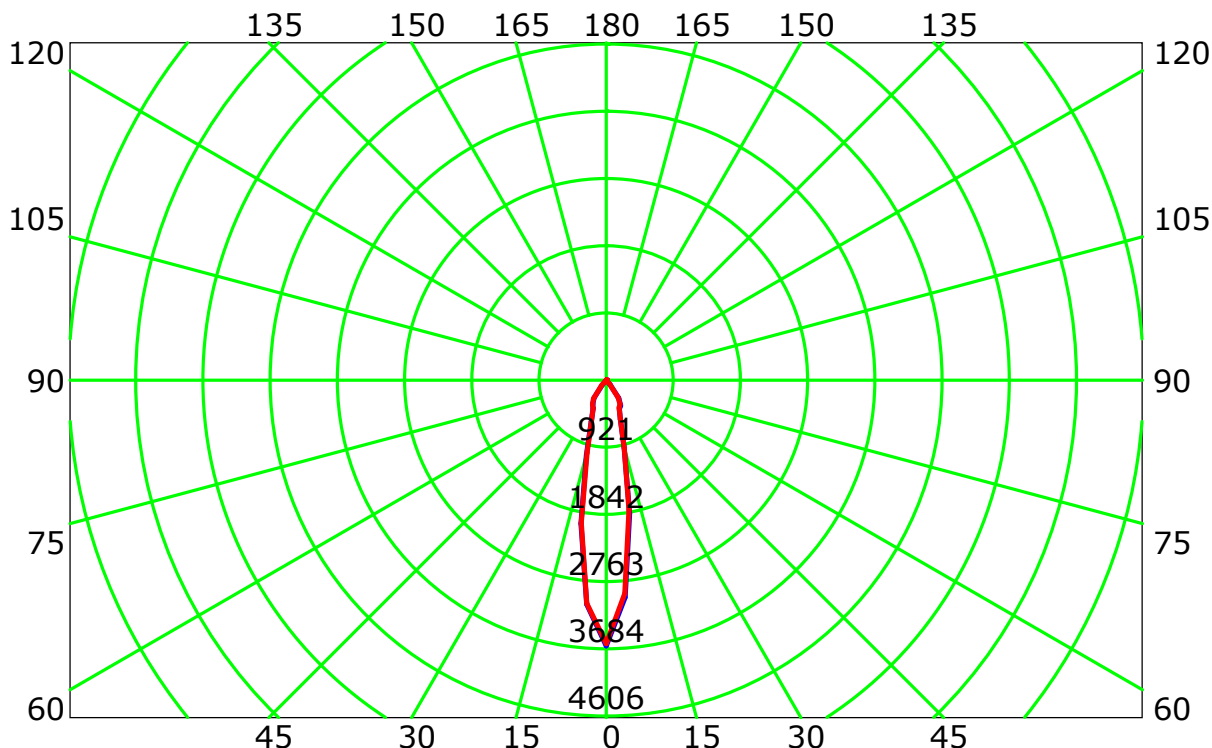
Average Diffuse Angle(50%): 21.1° Unit: cd

— 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



Unit: cd

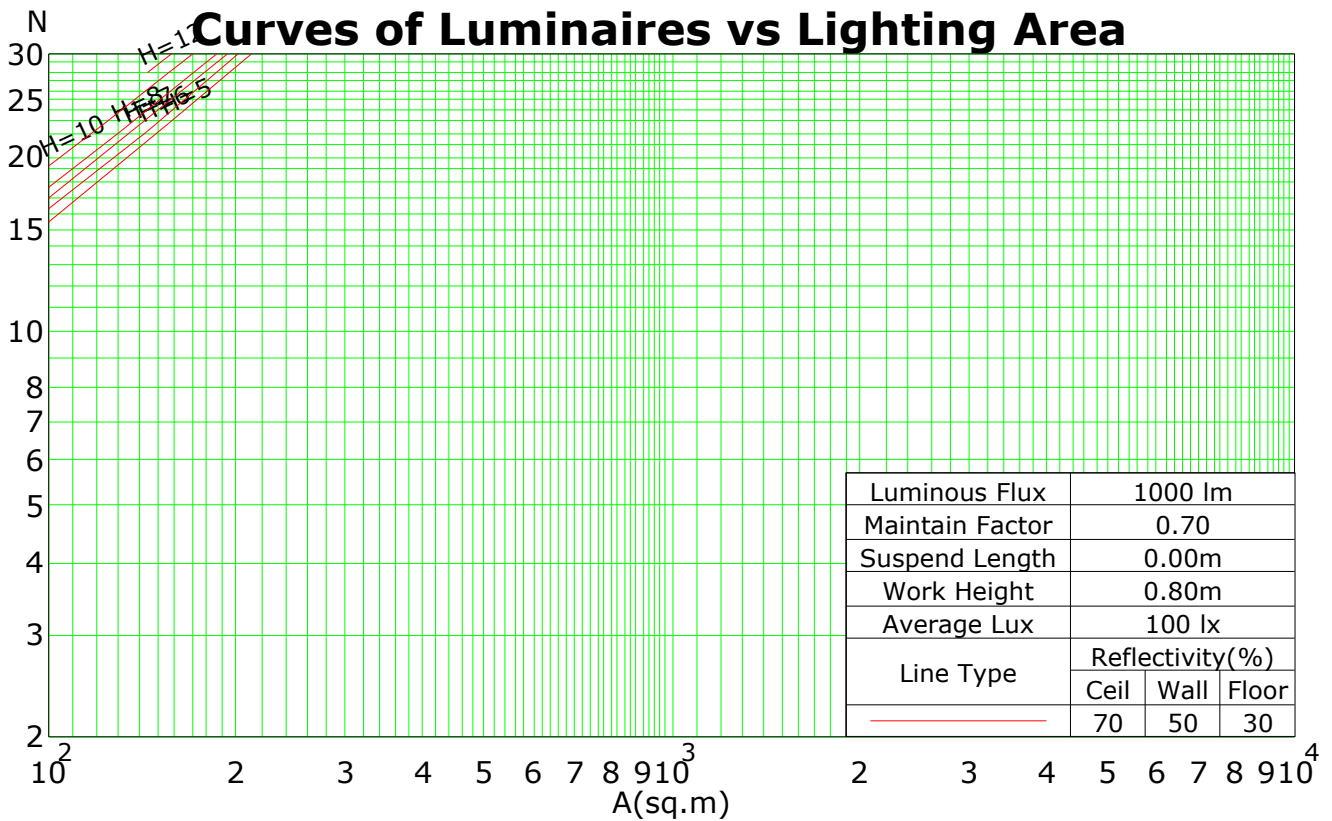
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## Coefficients Of Utilization - Zonal Cavity Method

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	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95
2	110	106	102	99	108	104	101	98	101	98	96	98	96	94	95	94	92	91
3	105	100	96	93	104	99	95	92	96	93	90	94	91	89	92	89	88	86
4	101	95	90	87	100	94	90	86	92	88	85	90	87	84	88	86	83	82
5	97	90	86	82	96	90	85	82	88	84	81	86	83	80	85	82	80	78
6	94	86	81	78	92	86	81	77	84	80	77	83	79	76	82	78	76	75
7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	79	75	73	72
8	87	79	74	71	86	78	74	71	77	73	70	77	73	70	76	72	70	69
9	84	76	71	68	83	75	71	68	75	70	67	74	70	67	73	70	67	66
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	70	67	64	63

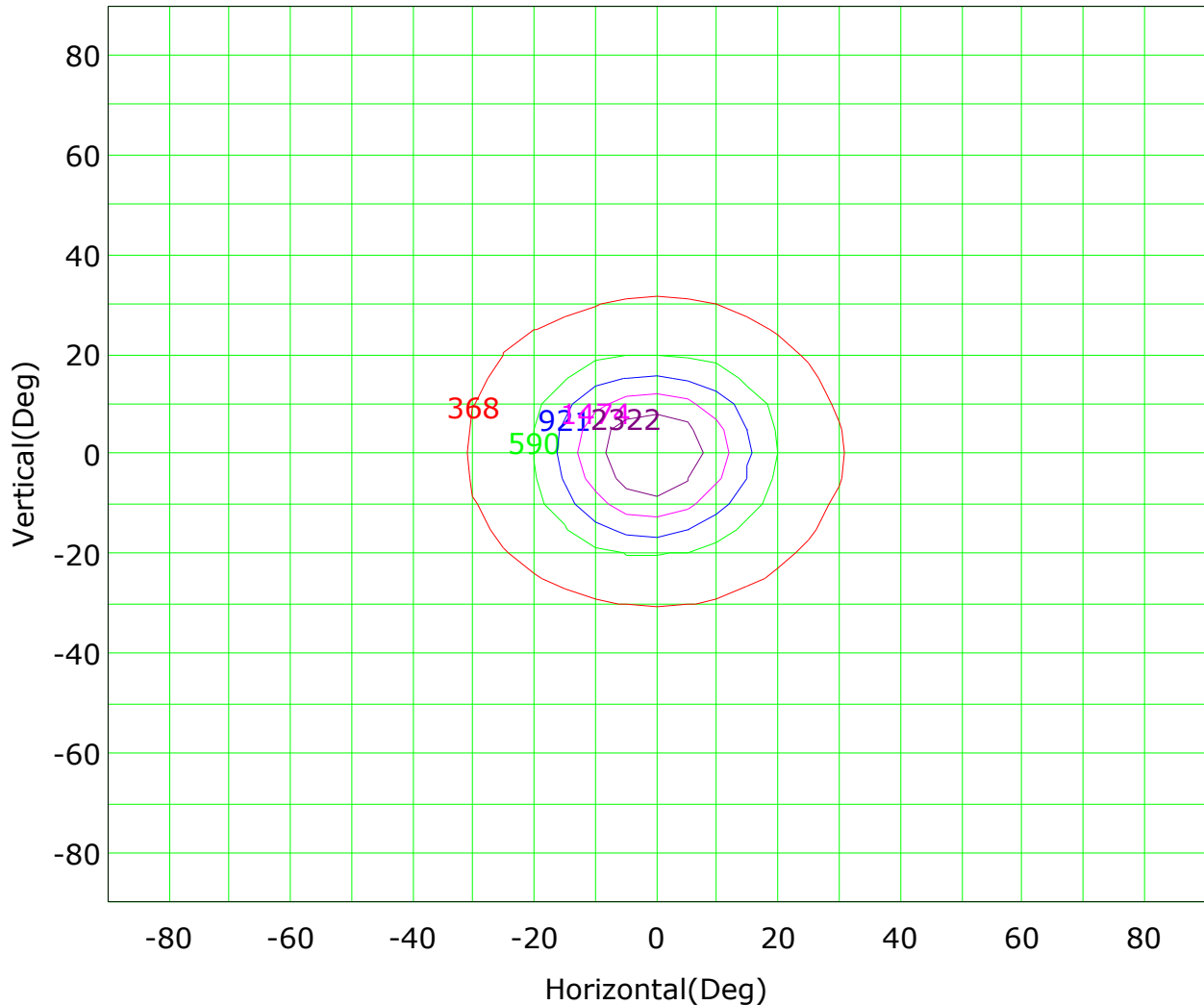
Spacing Criteria (0-180): 0.36  
 Spacing Criteria (90-270): 0.35  
 Spacing Criteria (Diagonal): 0.38



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## Isocandela (rectangle)



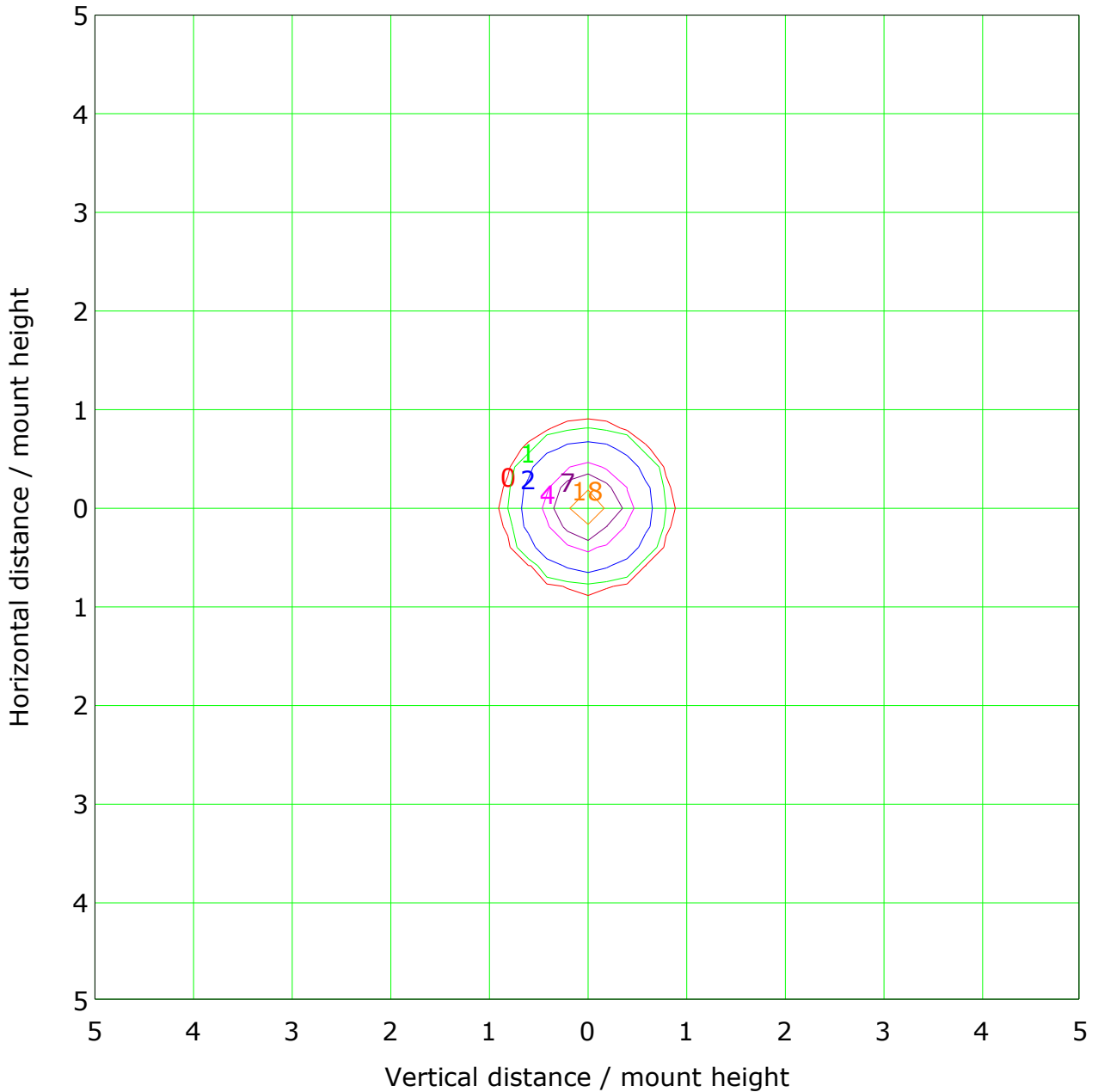
Imax (100%): 3685 cd

— ( 10%): 368 cd	— ( 16%): 590 cd
— ( 25%): 921 cd	— ( 40%): 1474 cd
— ( 63%): 2322 cd	— (100%): 3685 cd

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Inspector:

## IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 36.8 lx	
— ( 1%):	0.4 lx	— ( 2%):	0.7 lx
— ( 5%):	1.8 lx	— ( 10%):	3.7 lx
— ( 20%):	7.4 lx	— ( 50%):	18.4 lx
— (100%):	36.8 lx		

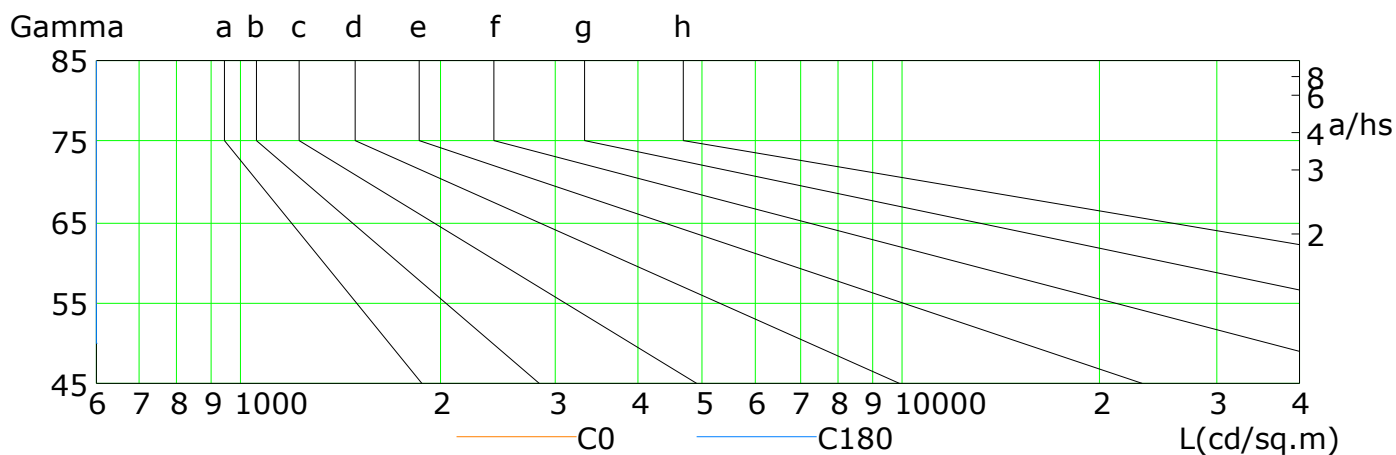
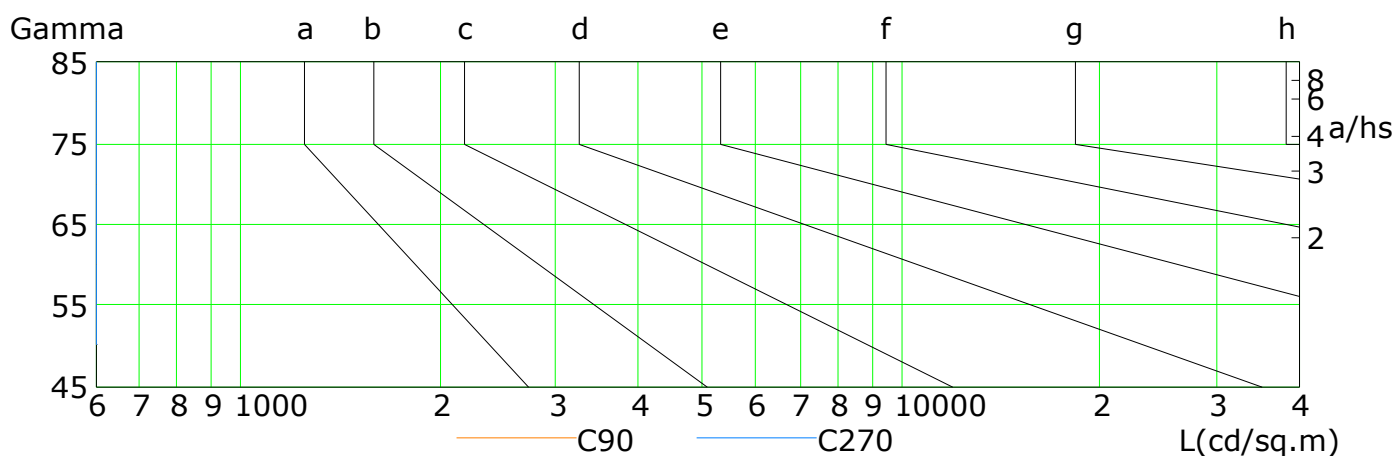
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## Lum Limit Curve

Dazzle	Quality	Illuminance (lx)								
		2000	1000	500	<=300					
1.15	A									
1.50	B									
1.85	C									
2.20	D									
2.55	E									

a b c d e f g h

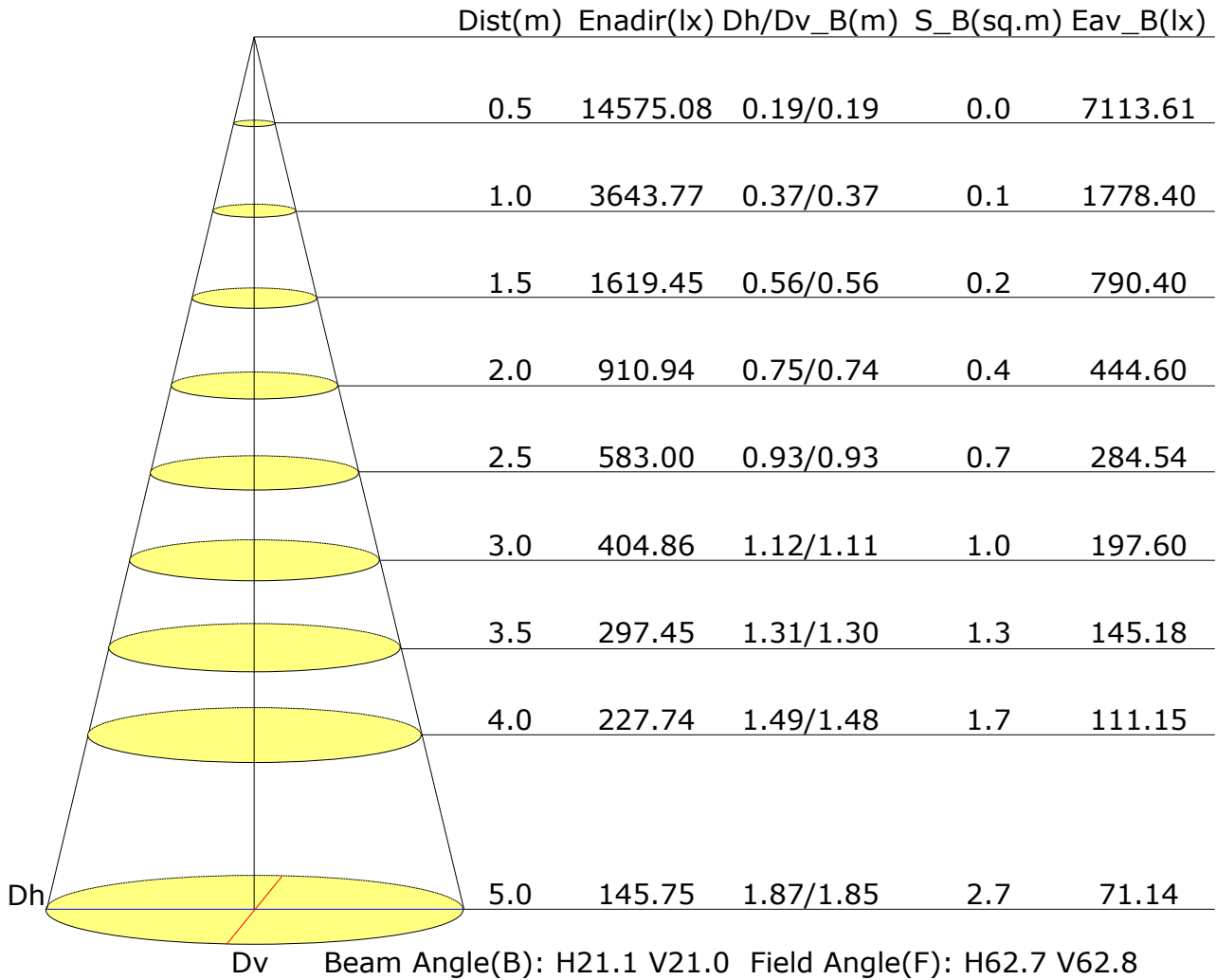


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	200	22	0	0	0	0	0	0	0
C90	380	0	0	0	0	0	0	0	0
C180	340	0	0	0	0	0	0	0	0
C270	501	0	0	0	0	0	0	0	0

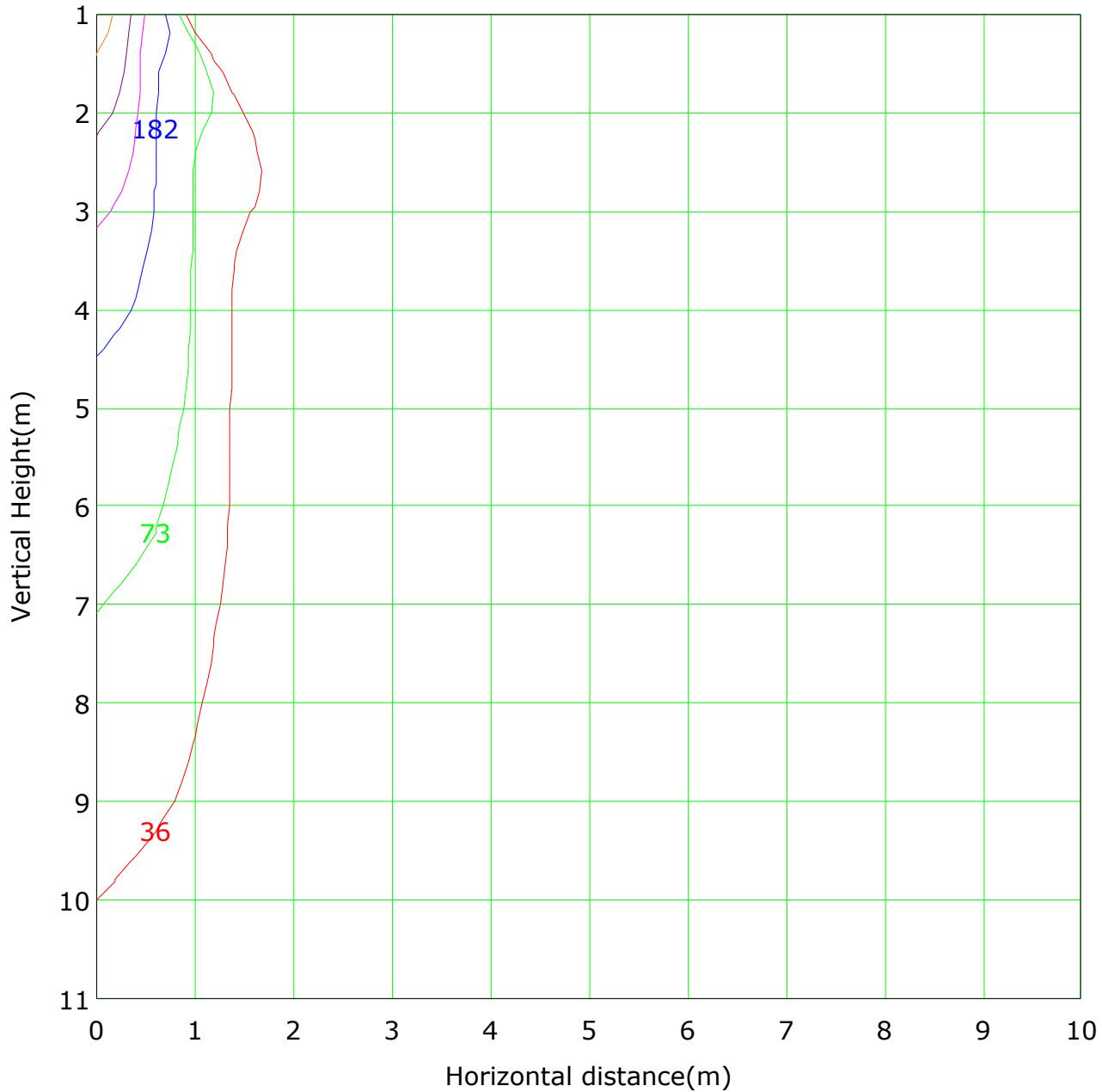
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## Illuminance at a Distance



## Vertical IsoLux Plot



Lowest(m): 1.0m    Highest(m): 11.0m    Max Lux: 3643.8 lx

— ( 1%): 36.4 lx	— ( 2%): 72.9 lx
— ( 5%): 182.2 lx	— ( 10%): 364.4 lx
— ( 20%): 728.8 lx	— ( 50%): 1821.9 lx
— (100%): 3643.8 lx	



## The Average Illuminance Effective Figure

