

Report No.: 1

Test Time: 2017-01-10 15:51

## Luminaire Property

Luminaire Category: 0403.W.H341.6  
Luminaire Description: 60050  
Length (mm): 120  
Height (mm): 3  
Current: 0.064 A  
Power Factor: 0.982

Luminaire Manufacturer: Brasled  
Width (mm): 120  
Voltage: 230.1 V  
Power: 14.37 W

## Photometric Results

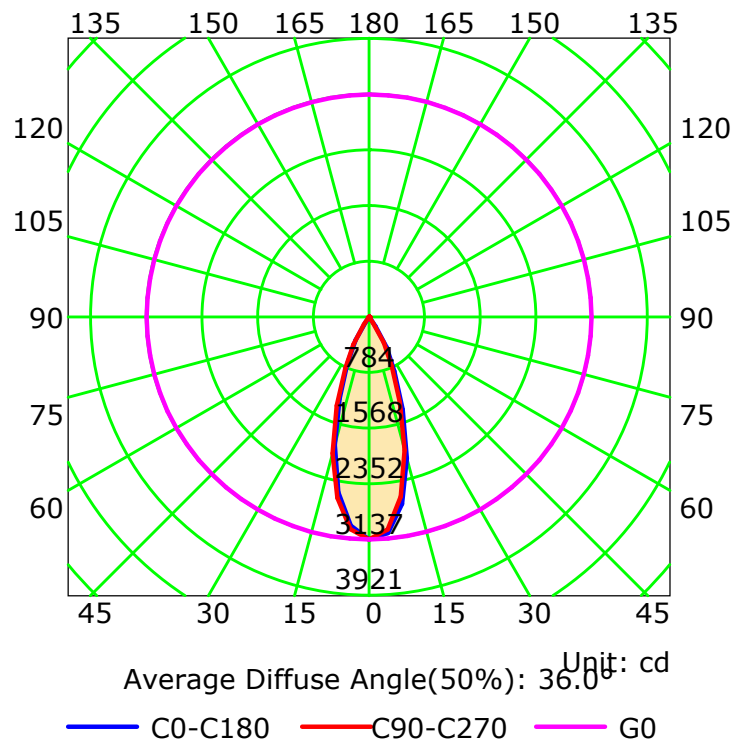
CIE Class: Direct  
Measurement Flux: 1308.9 lm  
Downward Ratio: 100%  
Field Angle: H63.8 V63.8  
Luminaire Efficacy Rating (LER): 91  
Max. Intensity: 3137.34 cd

Total Rated Lamp Lumens: 1308.9 lm  
Efficiency: 100%  
Upward Ratio: 0%  
Beam Angle: H36.0 V36.0  
Central Intensity: 3134.22 cd  
Pos of Max. Intensity: H157.5 V0

Picture Of Luminaire



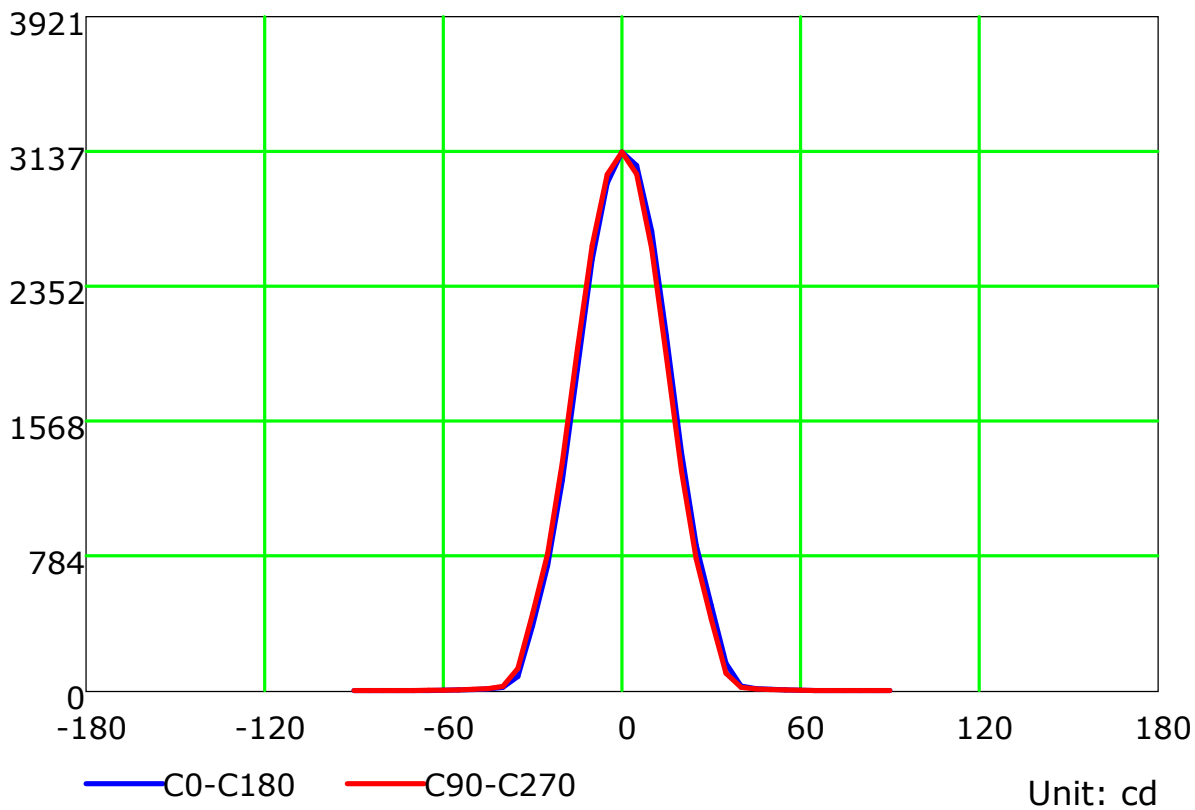
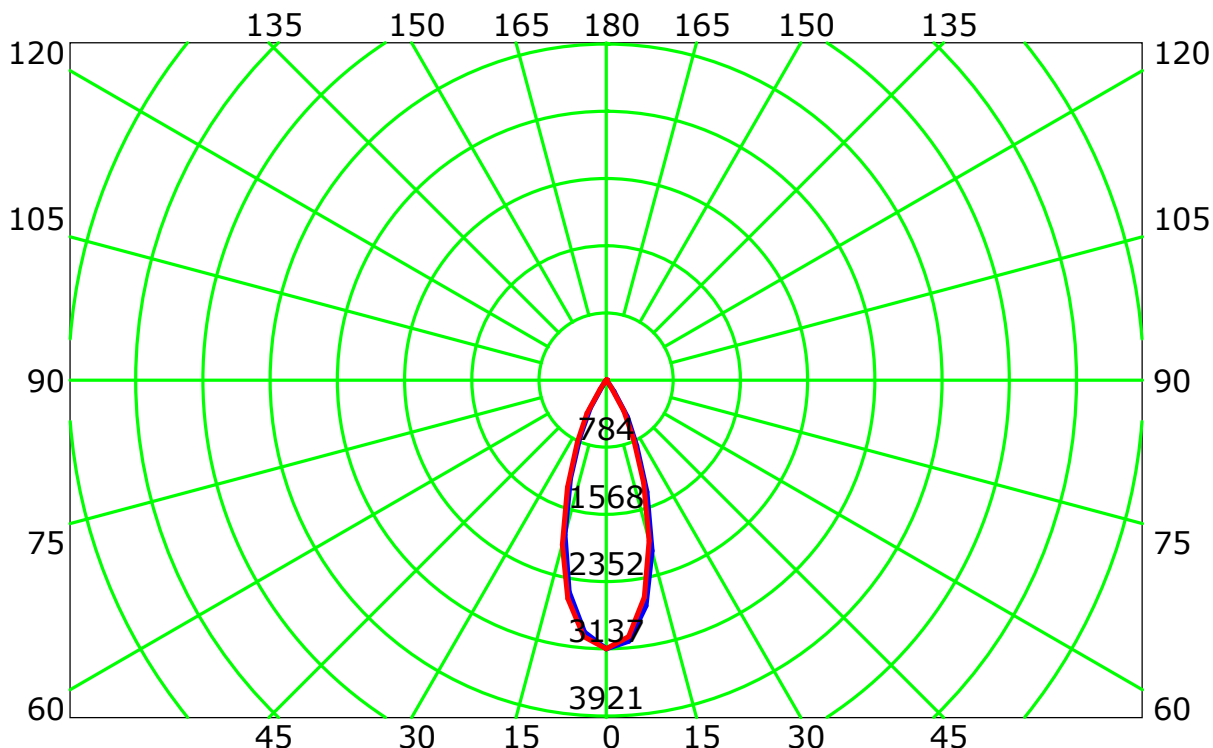
Luminous Intensity Distribution Curve



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:

## Luminous Intensity Distribution Curve



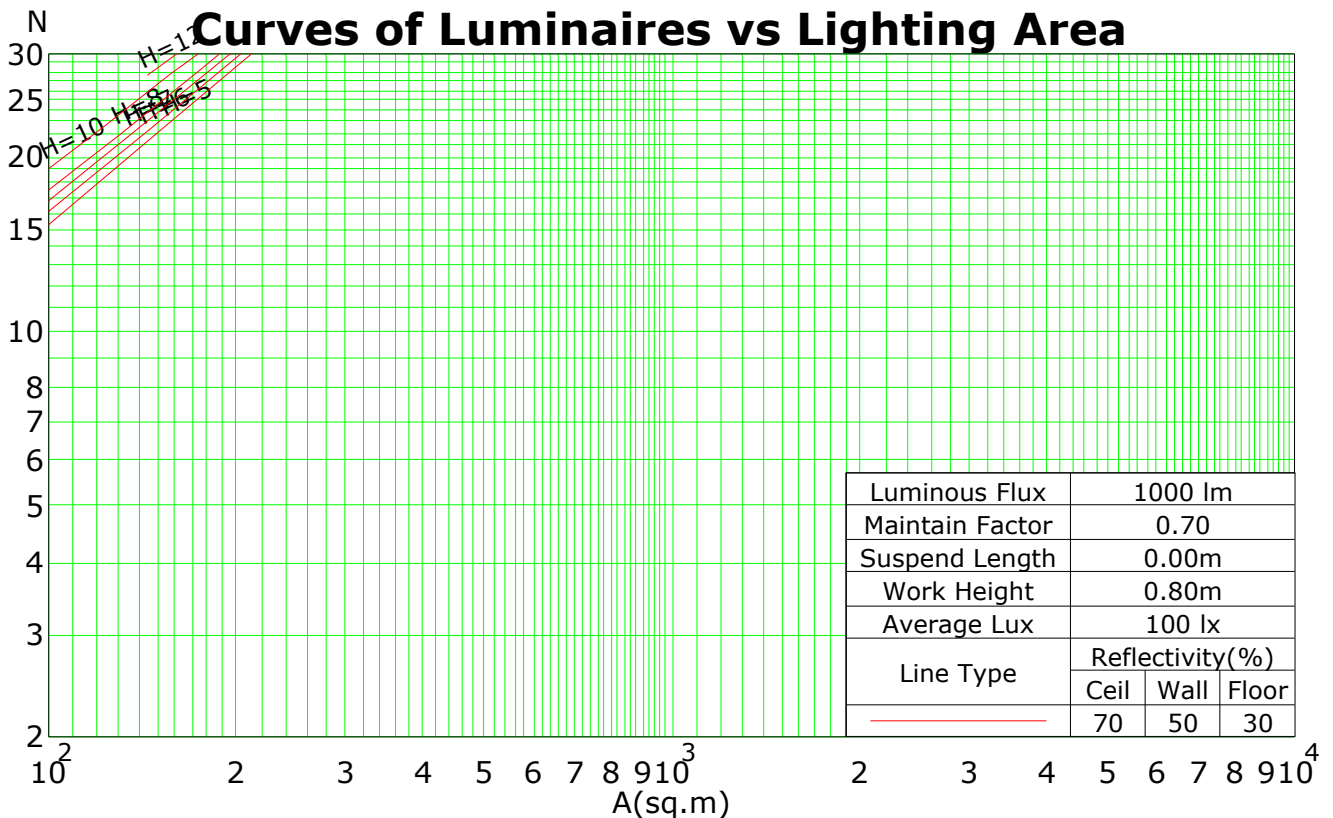
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 Test Type: TYPE C  
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## Coefficients Of Utilization - Zonal Cavity Method

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

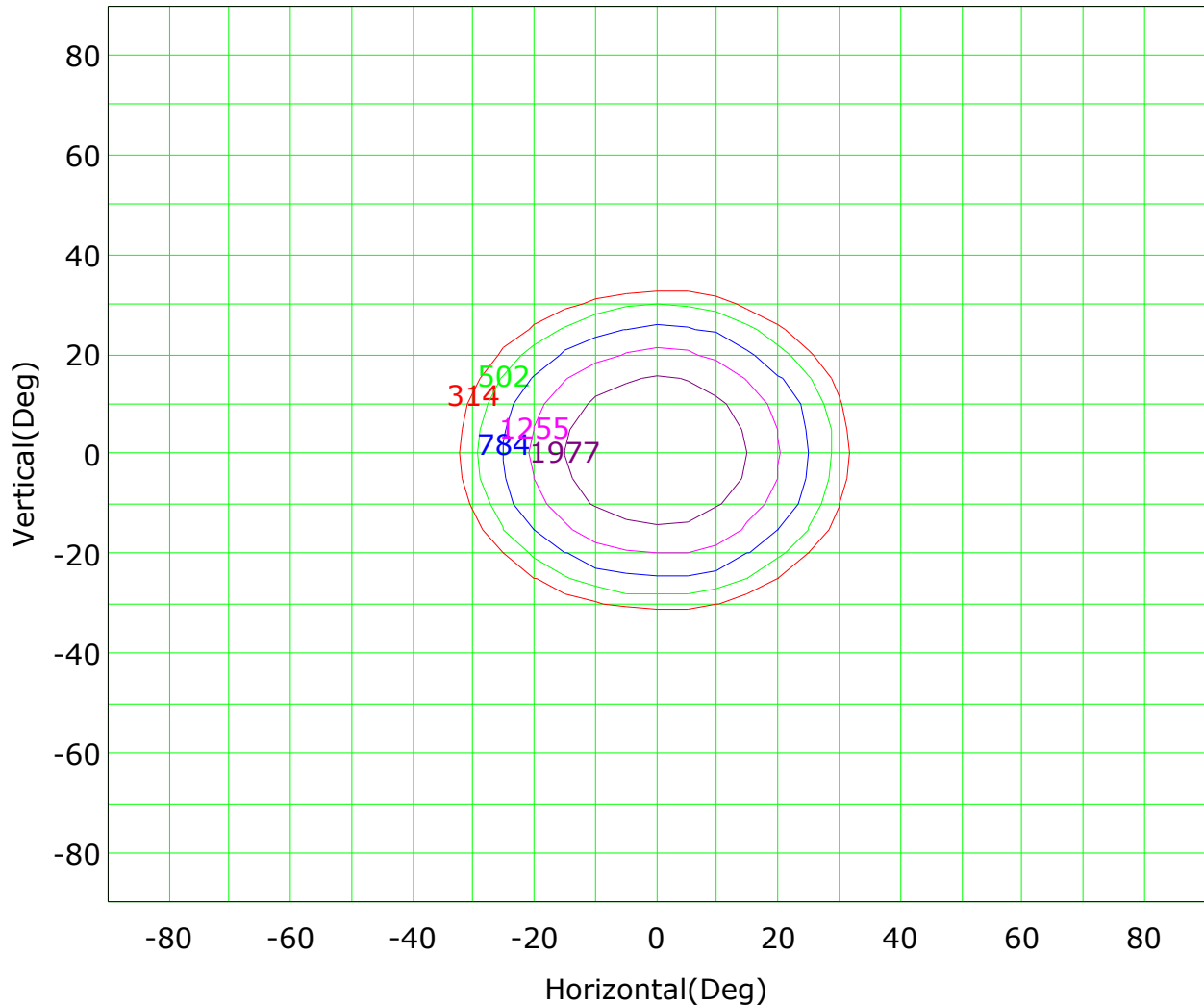
Spacing Criteria (0-180): 0.59  
 Spacing Criteria (90-270): 0.59  
 Spacing Criteria (Diagonal): 0.60



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## Isocandela (rectangle)



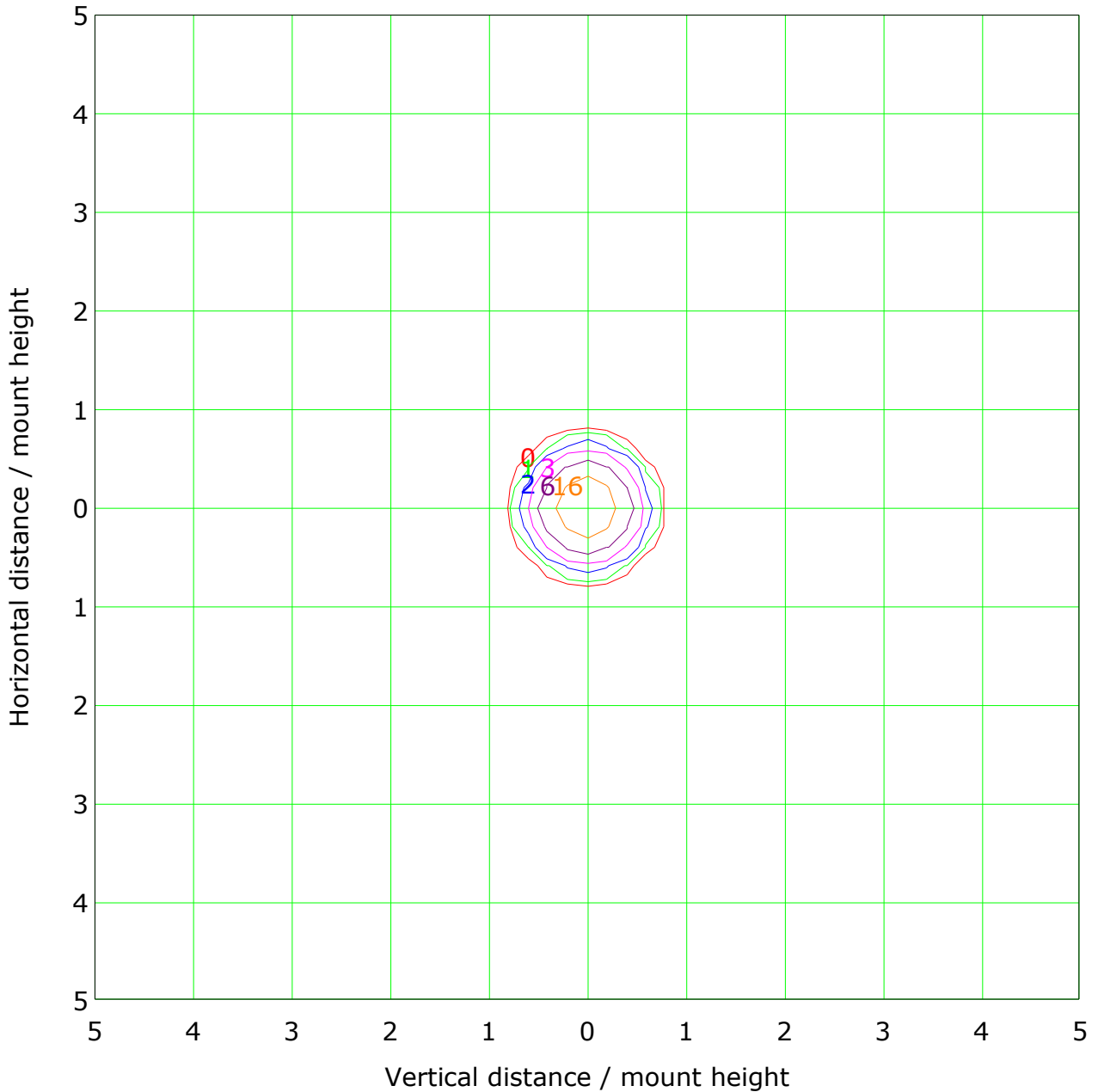
Imax (100%): 3137 cd

— ( 10%): 314 cd	— ( 16%): 502 cd
— ( 25%): 784 cd	— ( 40%): 1255 cd
— ( 63%): 1977 cd	— (100%): 3137 cd

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 Distance: 1.0 m  
 Humidity: 60  
 Inspector:

## IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 31.4 lx	
— ( 1%):	0.3 lx	— ( 2%):	0.6 lx
— ( 5%):	1.6 lx	— ( 10%):	3.1 lx
— ( 20%):	6.3 lx	— ( 50%):	15.7 lx
— (100%):	31.4 lx		

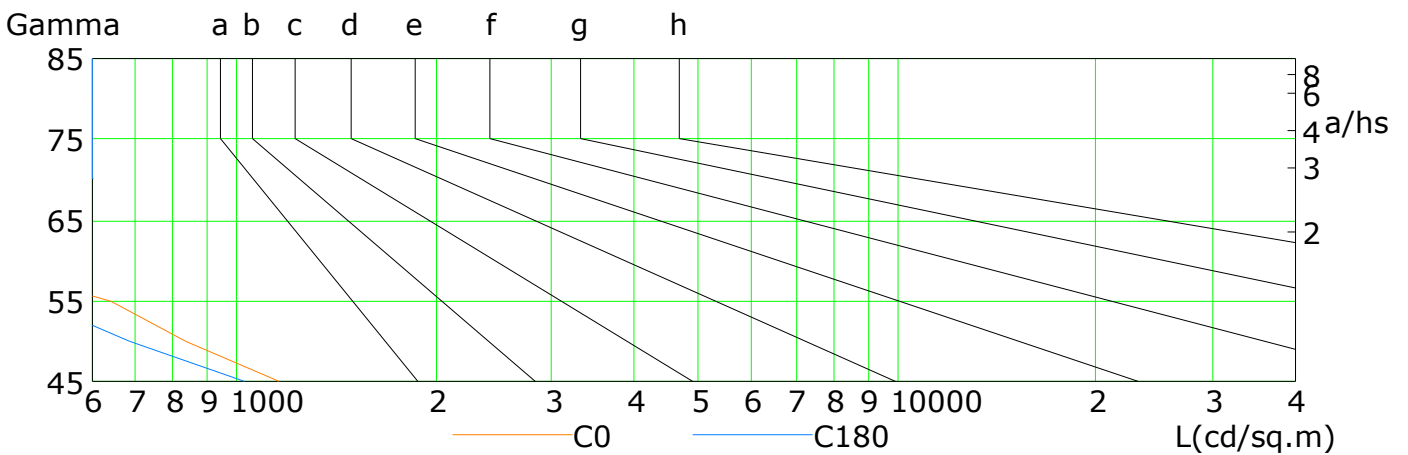
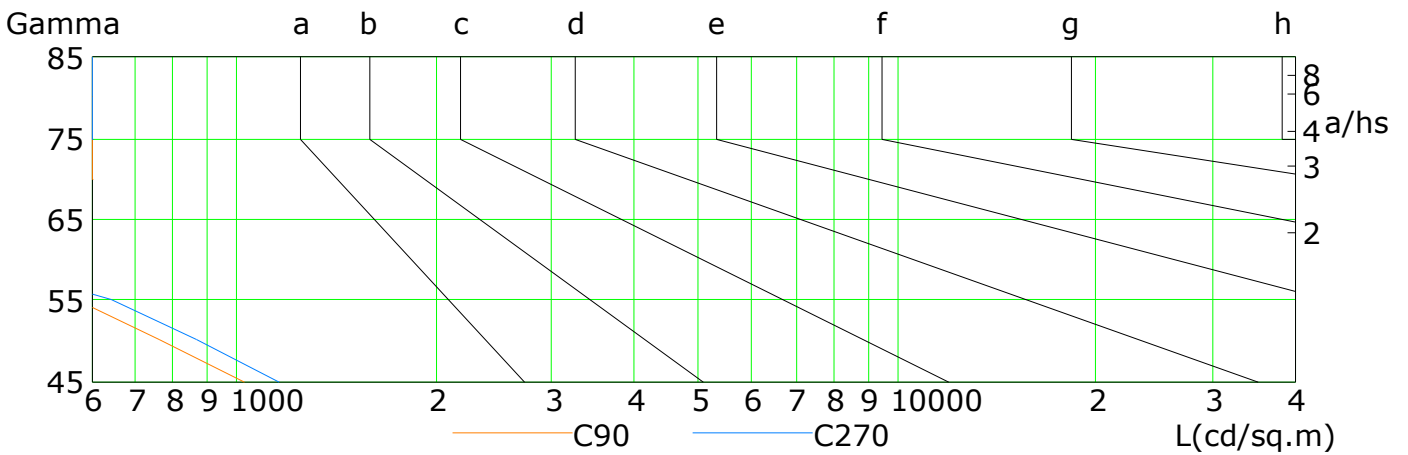
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 Test Type: TYPE C  
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 Test Device: LSG-1200A  
 Distance: 1.0 m  
 Humidity: 60  
 Inspector:

## 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

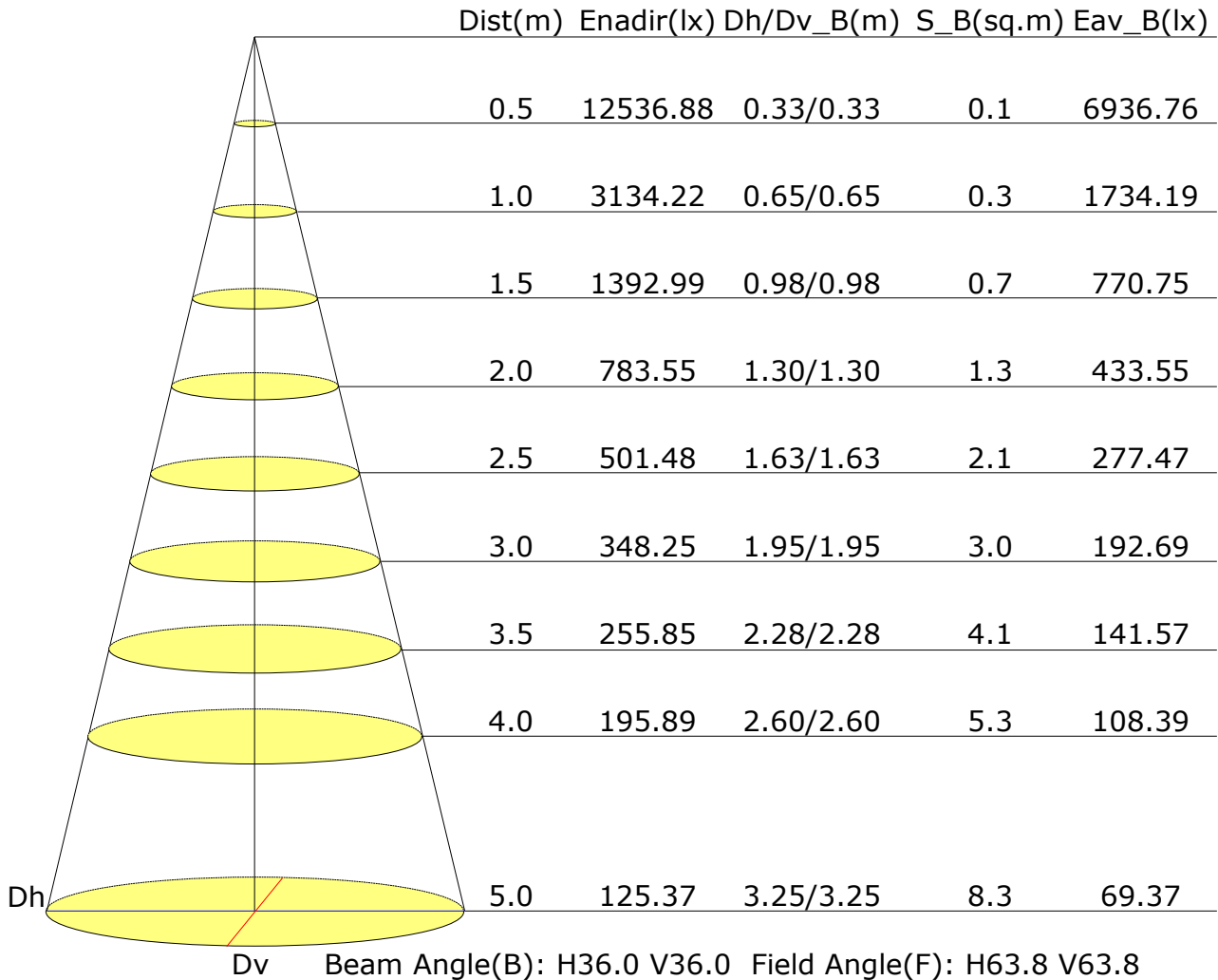


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	1157	833	645	414	215	0	0	0	0
C90	1025	761	565	367	108	0	0	0	0
C180	1025	688	484	322	108	0	0	0	0
C270	1157	870	645	367	323	131	0	0	0

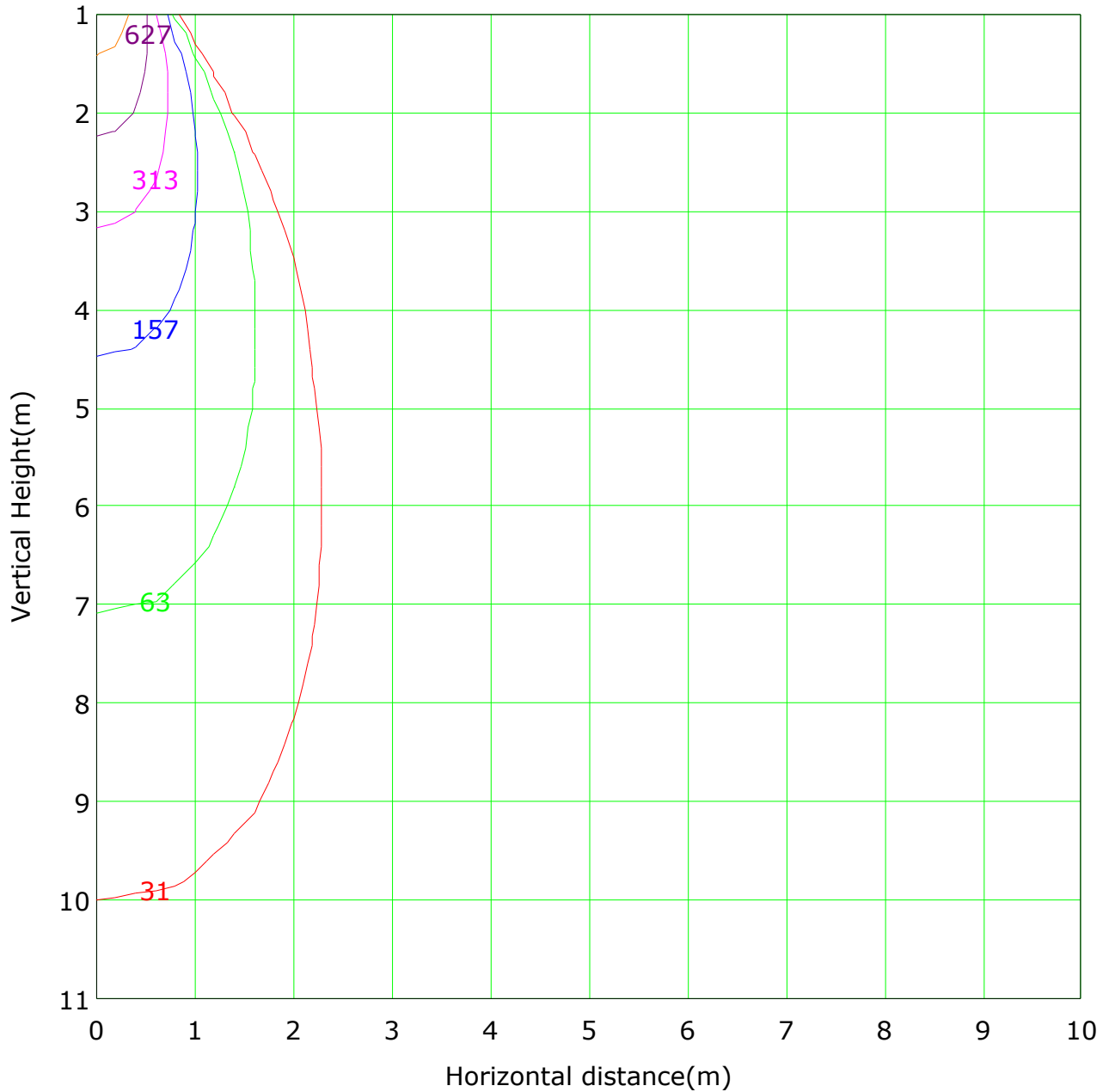
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## Illuminance at a Distance



## Vertical IsoLux Plot



Lowest(m): 1.0m    Highest(m): 11.0m    Max Lux: 3134.2 lx

— ( 1%): 31.3 lx	— ( 2%): 62.7 lx
— ( 5%): 156.7 lx	— ( 10%): 313.4 lx
— ( 20%): 626.8 lx	— ( 50%): 1567.1 lx
— (100%): 3134.2 lx	



## The Average Illuminance Effective Figure

