

Report No.: 1

Test Time: 2016-12-27 13:33

## Luminaire Property

Luminaire Category: 0109.W.A131.6  
Luminaire Description: 60008  
Length (mm): 98  
Height (mm): 3  
Current: 0.042 A  
Power Factor: 0.962

Luminaire Manufacturer: Brasled  
Width (mm): 98  
Voltage: 230.2 V  
Power: 9.41 W

## Photometric Results

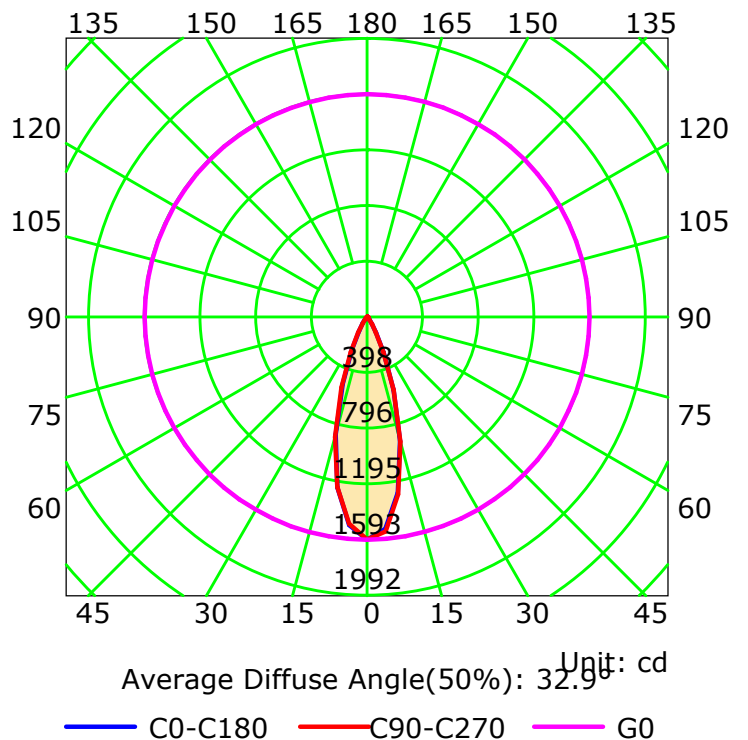
CIE Class: Direct  
Measurement Flux: 581.3 lm  
Downward Ratio: 100%  
Field Angle: H57.6 V58.0  
Luminaire Efficacy Rating (LER): 62  
Max. Intensity: 1593.81 cd

Total Rated Lamp Lumens: 581.3 lm  
Efficiency: 100%  
Upward Ratio: 0%  
Beam Angle: H32.7 V33.1  
Central Intensity: 1593.8 cd  
Pos of Max. Intensity: H0 V0

Picture Of Luminaire



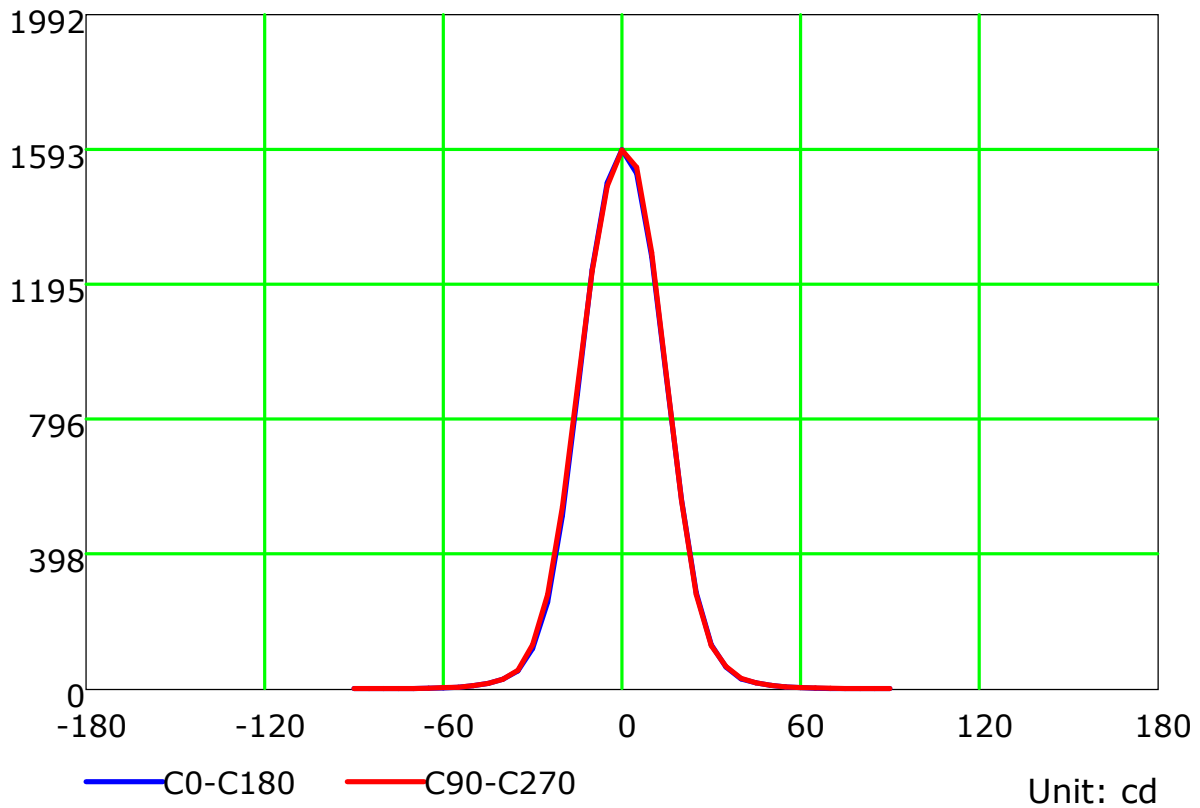
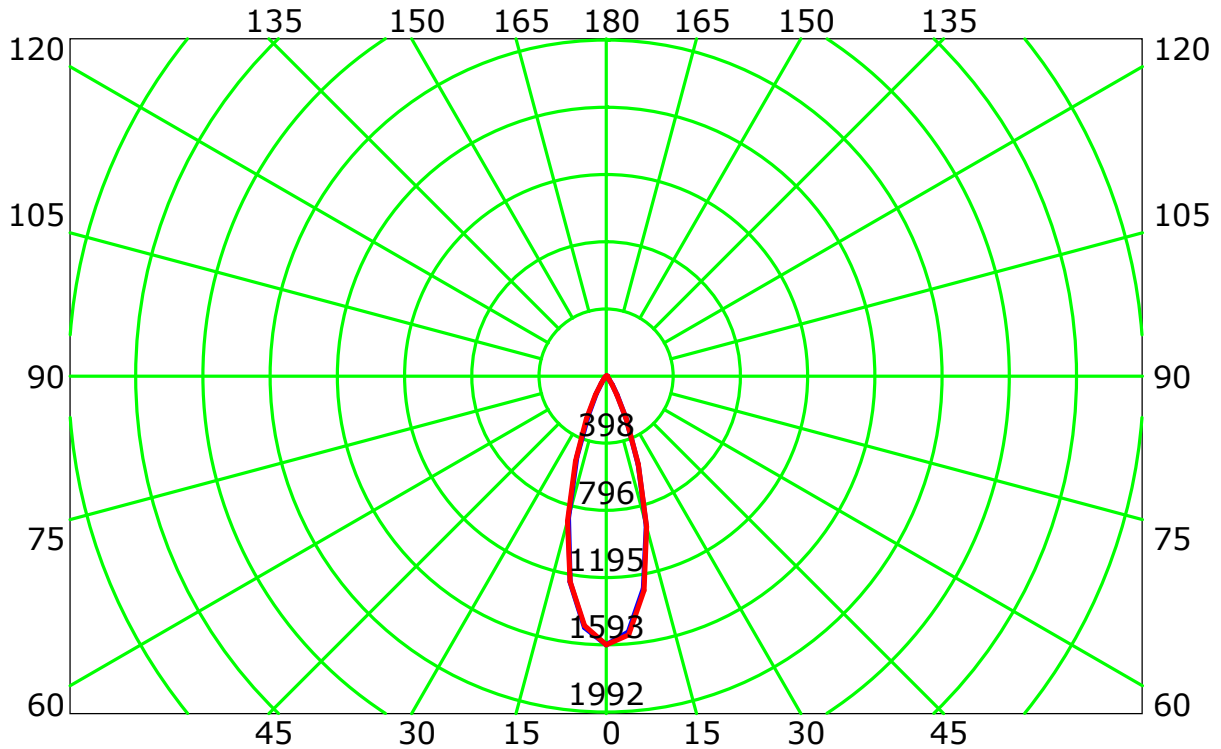
Luminous Intensity Distribution Curve



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:

## Luminous Intensity Distribution Curve



Unit: cd

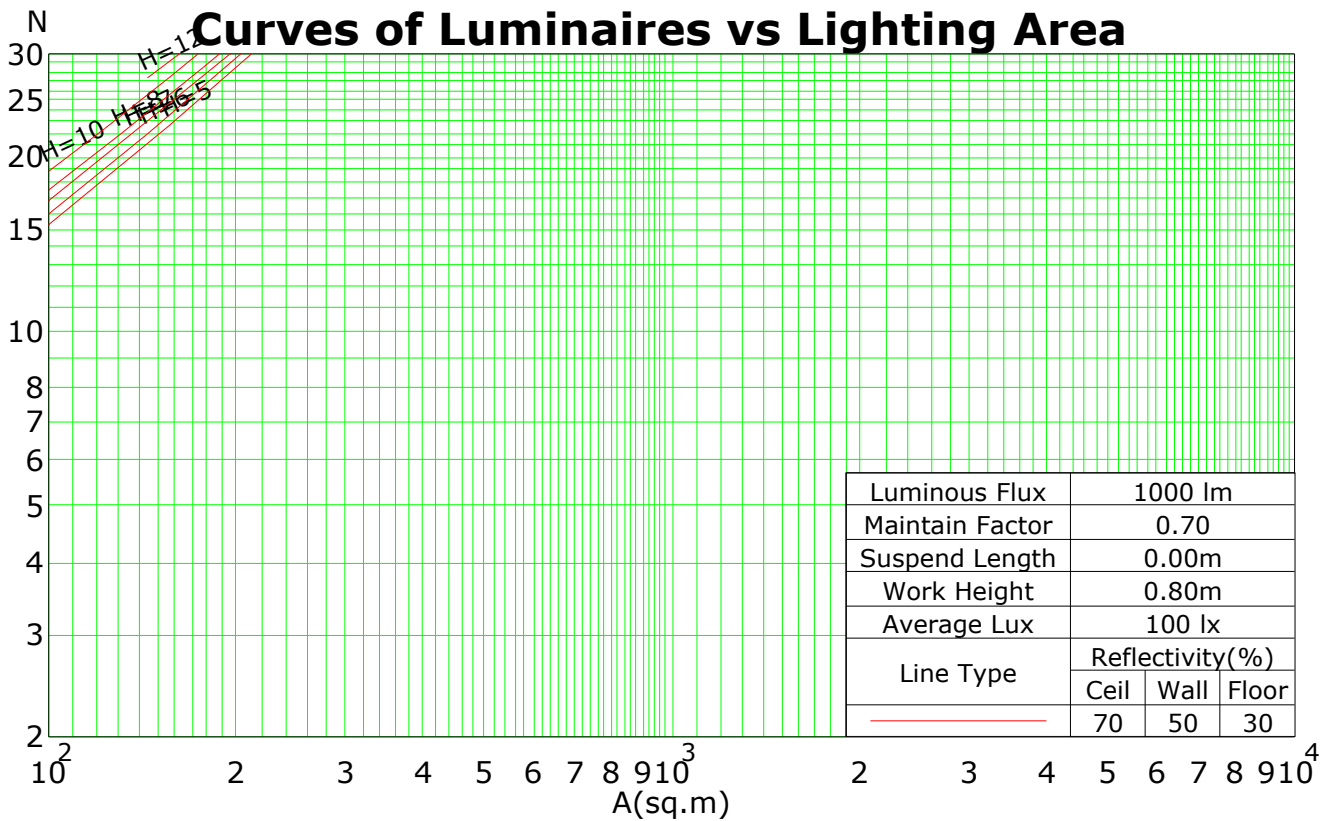
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## Coefficients Of Utilization - Zonal Cavity Method

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

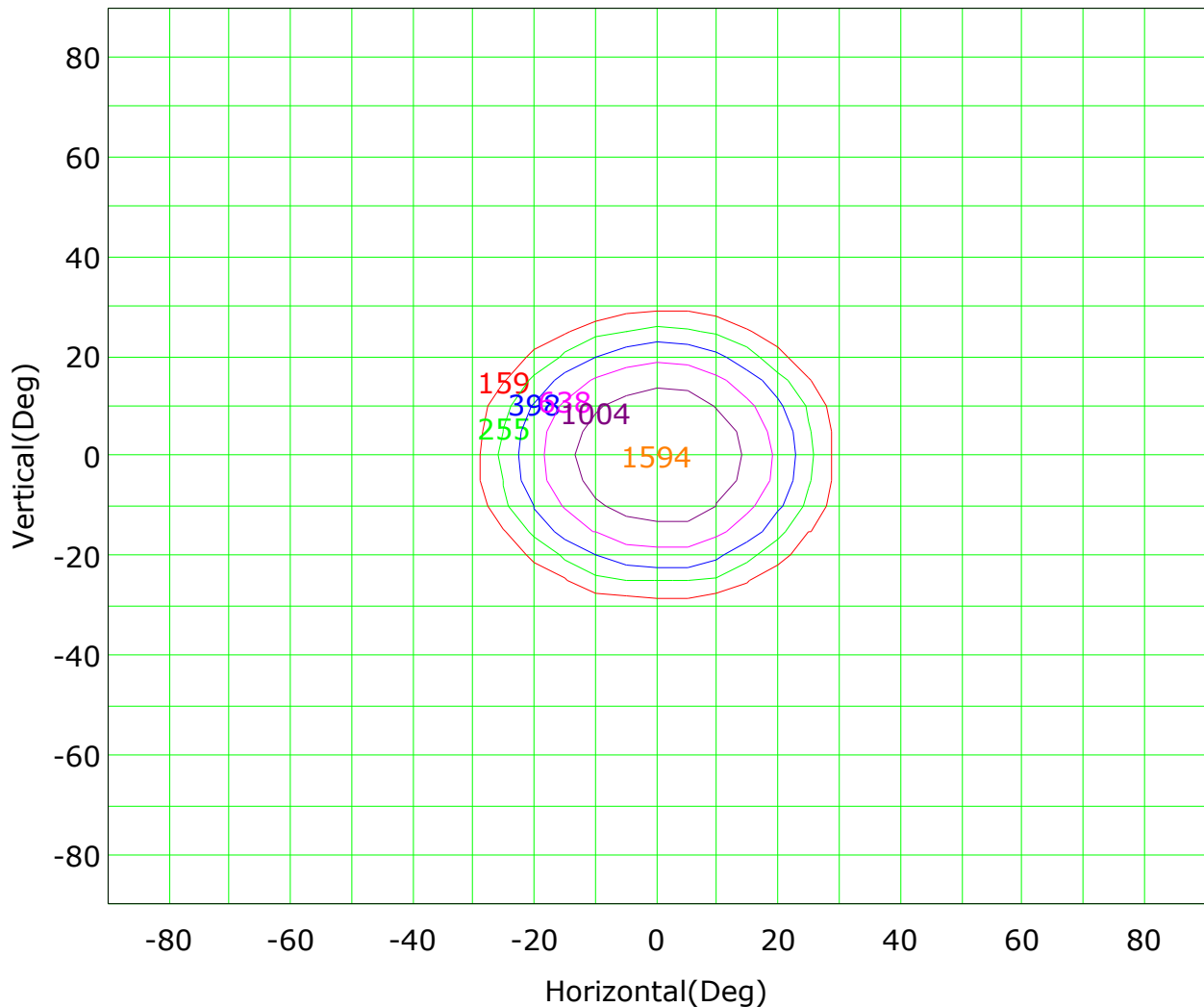
Spacing Criteria (0-180): 0.54  
 Spacing Criteria (90-270): 0.55  
 Spacing Criteria (Diagonal): 0.54



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## Isocandela (rectangle)



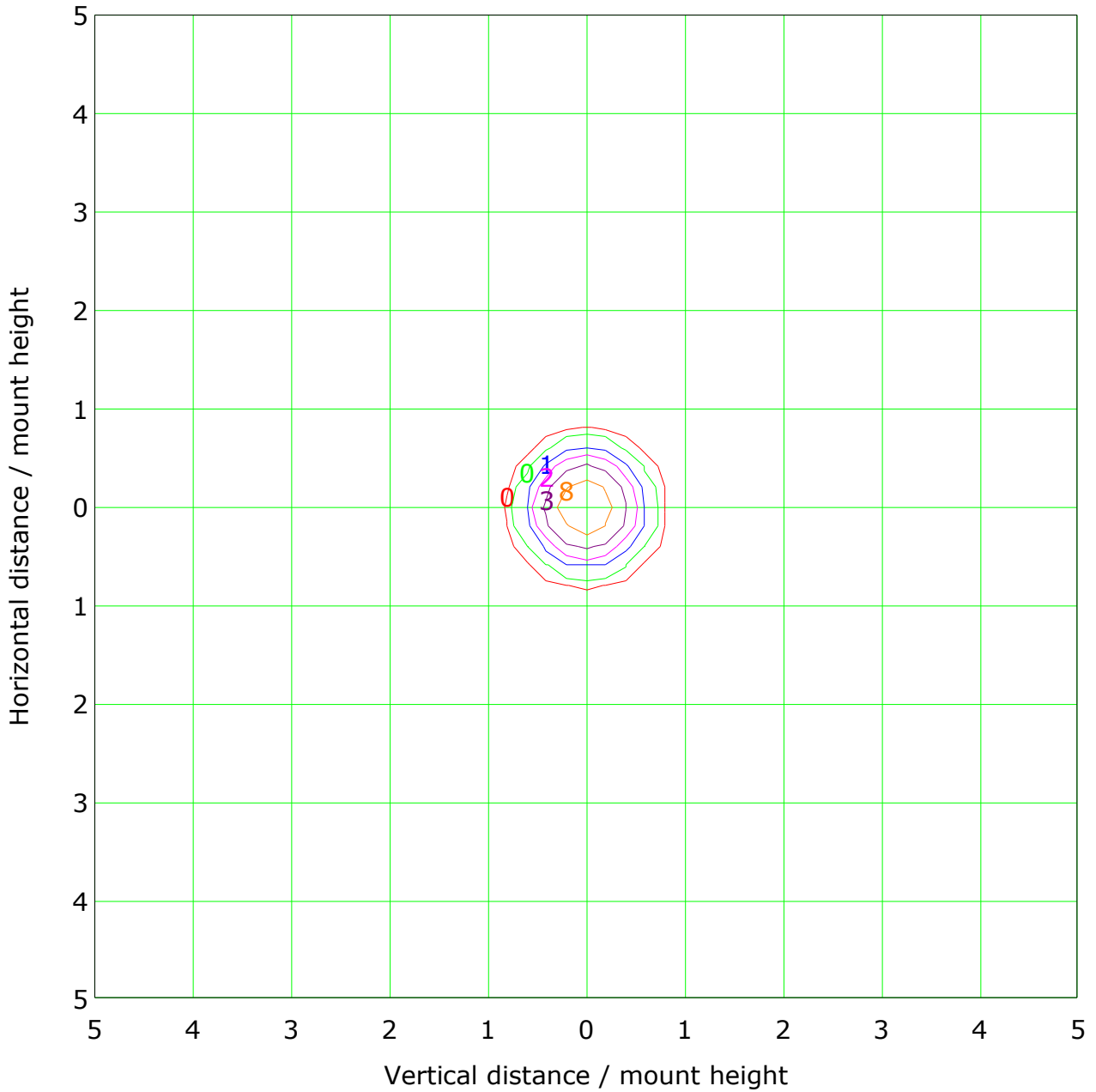
Imax (100%): 1594 cd

— ( 10%): 159 cd	— ( 16%): 255 cd
— ( 25%): 398 cd	— ( 40%): 638 cd
— ( 63%): 1004 cd	— (100%): 1594 cd

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Humidity: 60  
Inspector:

## IsoLux Plot



Mounting Height: 10.0m    Max Lux(100%): 15.9 lx

— ( 1%): 0.2 lx	— ( 2%): 0.3 lx
— ( 5%): 0.8 lx	— (10%): 1.6 lx
— (20%): 3.2 lx	— (50%): 8.0 lx
— (100%): 15.9 lx	

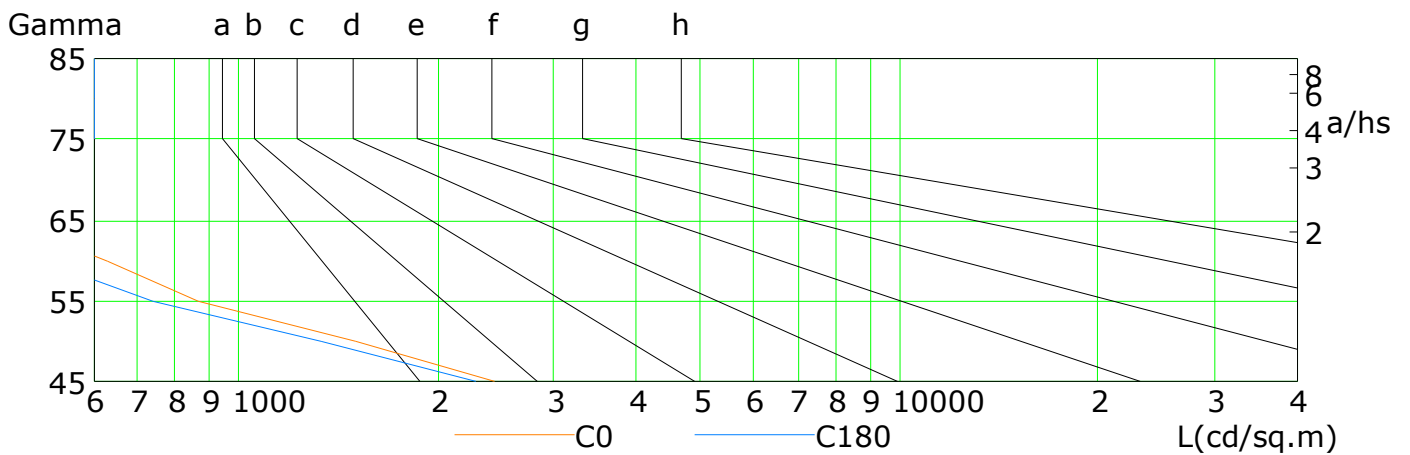
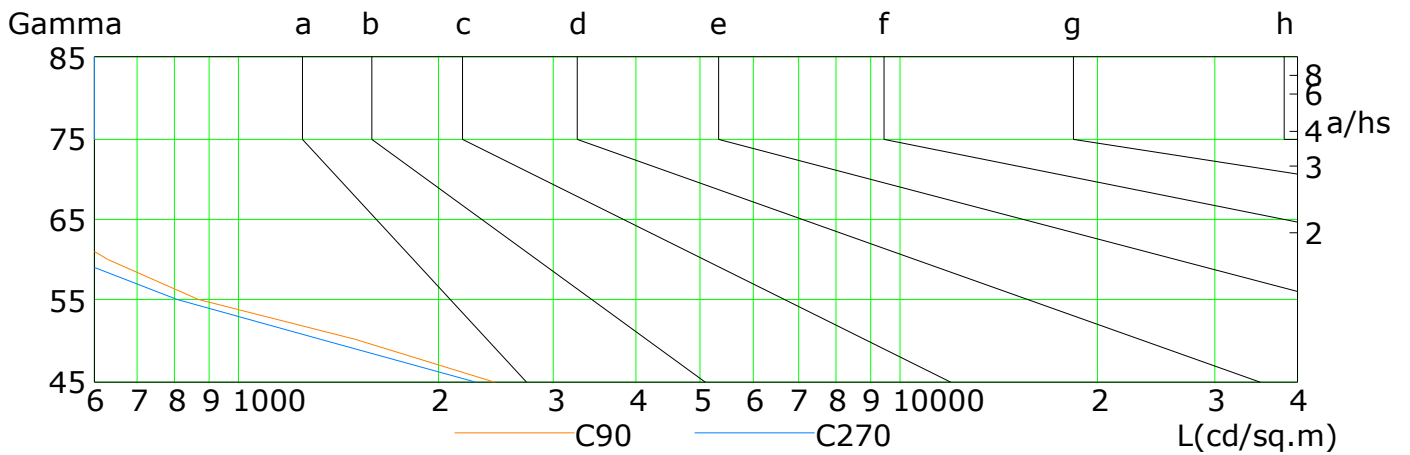
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## Lum Limit Curve

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

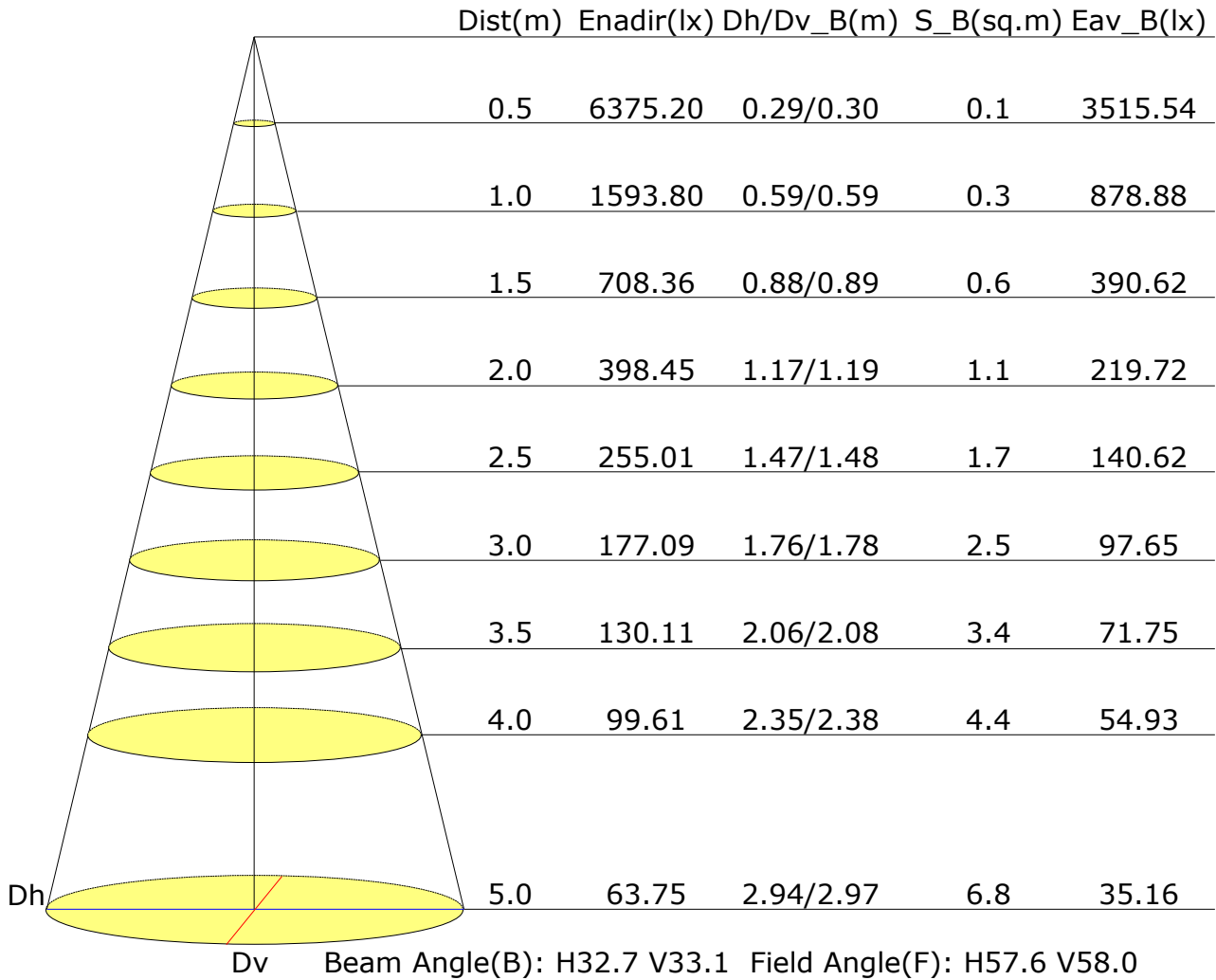


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	2439	1500	866	633	412	199	0	0	0
C90	2439	1500	866	633	492	300	0	0	0
C180	2286	1333	743	492	412	101	0	0	0
C270	2286	1333	804	562	328	101	0	0	0

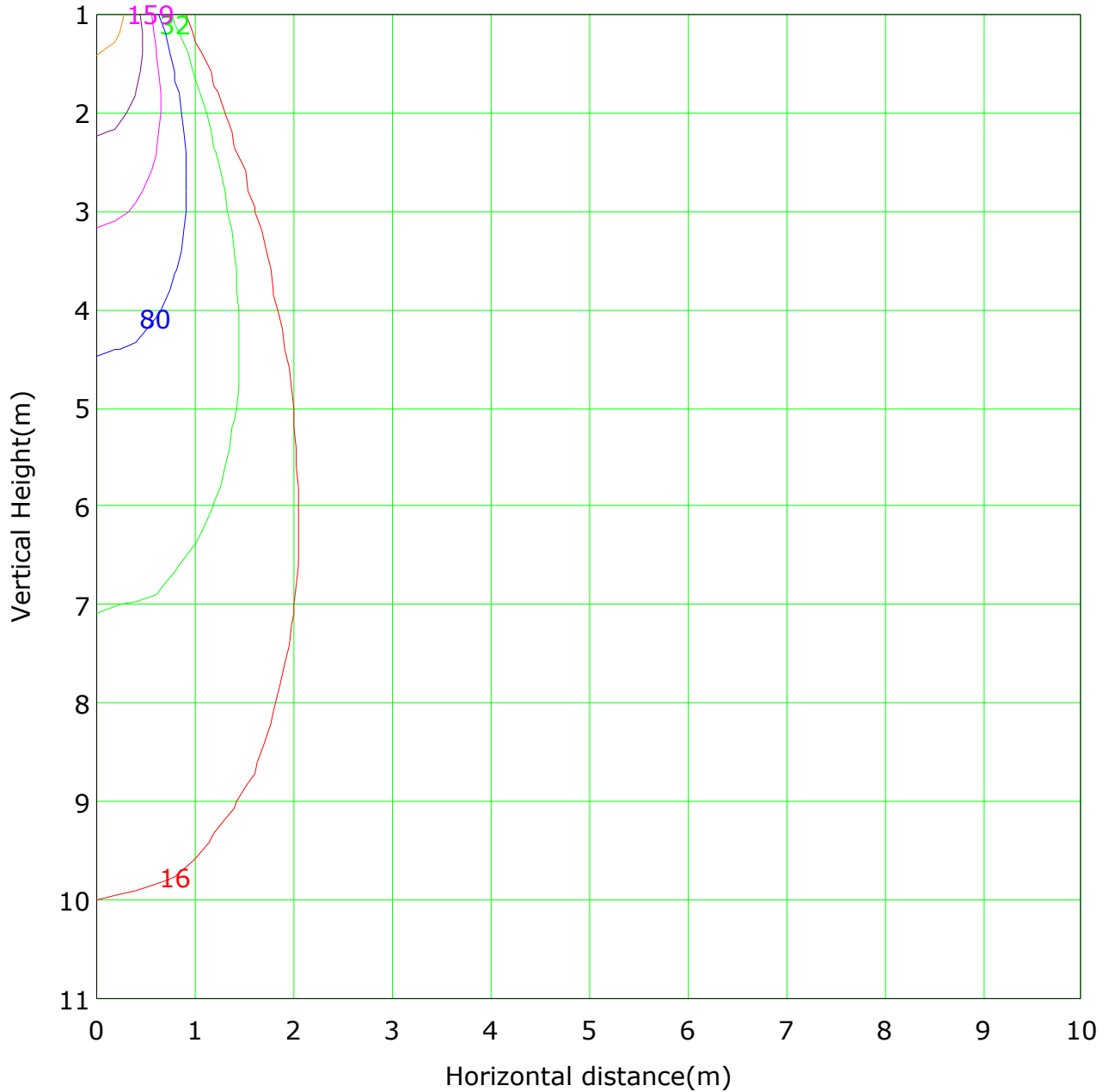
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## Illuminance at a Distance



## Vertical IsoLux Plot



Lowest(m): 1.0m    Highest(m): 11.0m    Max Lux: 1593.8 lx  
 ( 1%): 15.9 lx                      ( 2%): 31.9 lx  
 ( 5%): 79.7 lx                        ( 10%): 159.4 lx  
 ( 20%): 318.8 lx                      ( 50%): 796.9 lx  
 (100%):1593.8 lx



## The Average Illuminance Effective Figure

