

Report No.: 1

Test Time: 2016-12-27 14:53

## Luminaire Property

Luminaire Category: 0110.W.U241.6  
Luminaire Description: 60058  
Length (mm): 106  
Height (mm): 3  
Current: 0.047 A  
Power Factor: 0.973

Luminaire Manufacturer: Brasled  
Width (mm): 106  
Voltage: 230.2 V  
Power: 10.53 W

## Photometric Results

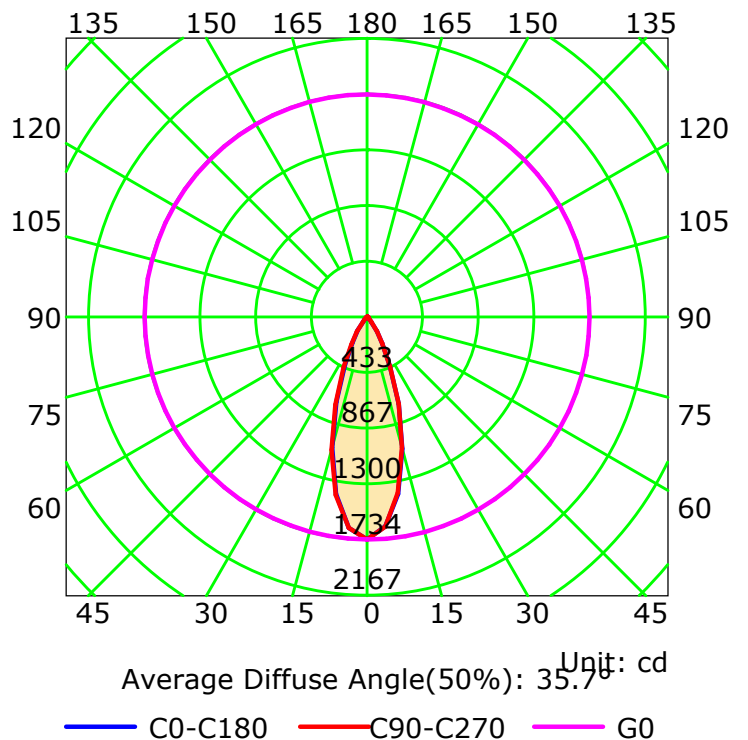
CIE Class: Direct  
Measurement Flux: 767.9 lm  
Downward Ratio: 100%  
Field Angle: H65.9 V66.7  
Luminaire Efficacy Rating (LER): 73  
Max. Intensity: 1734.11 cd

Total Rated Lamp Lumens: 767.9 lm  
Efficiency: 100%  
Upward Ratio: 0%  
Beam Angle: H35.6 V35.8  
Central Intensity: 1733.1 cd  
Pos of Max. Intensity: H22.5 V0

Picture Of Luminaire



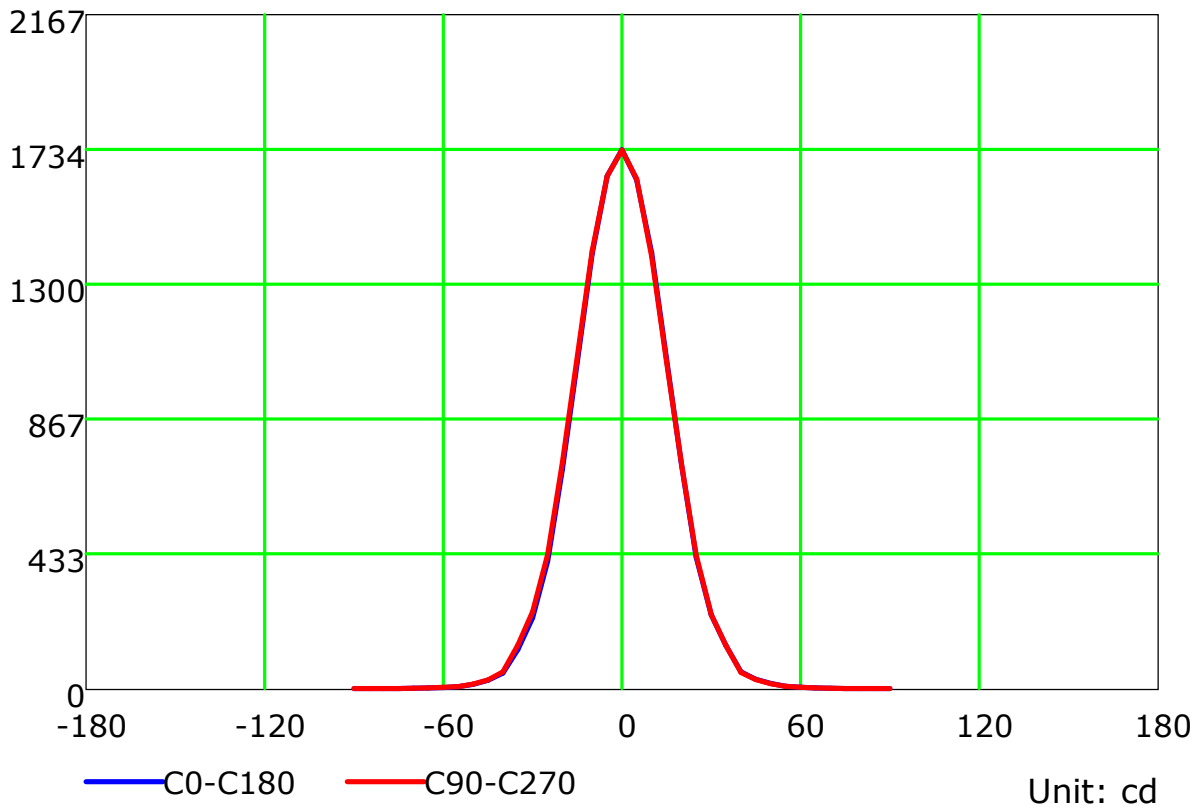
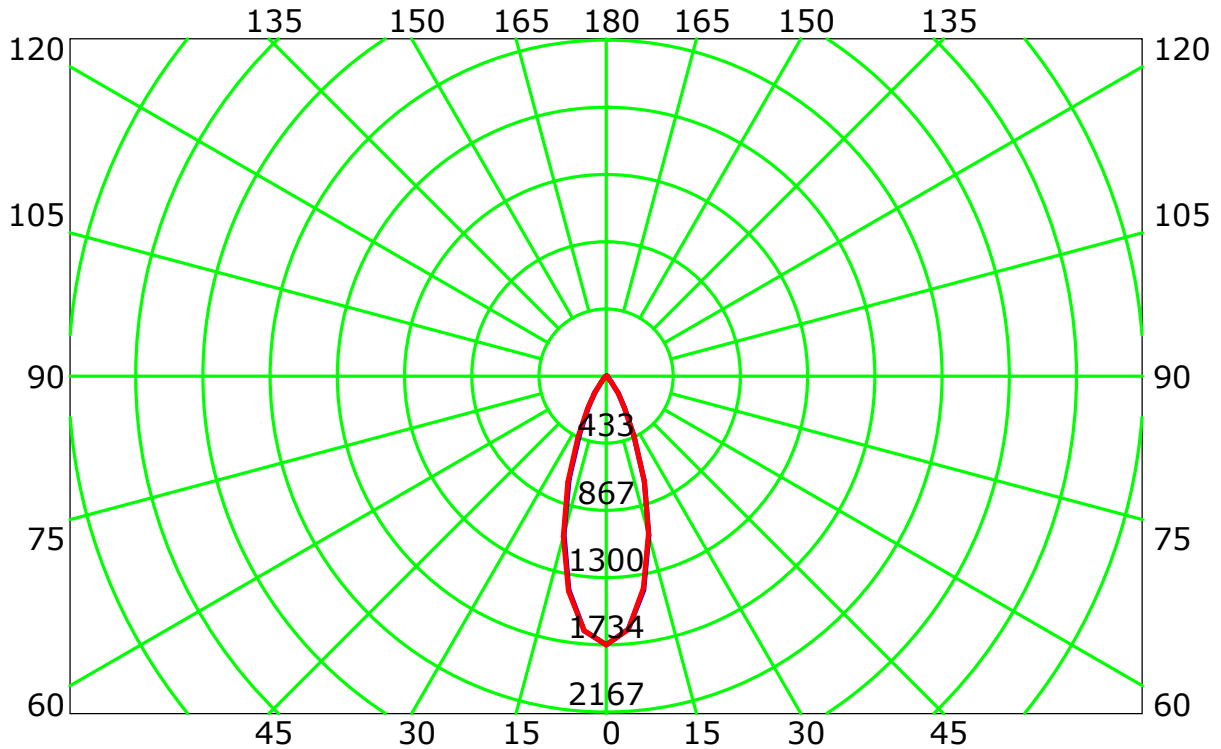
Luminous Intensity Distribution Curve



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



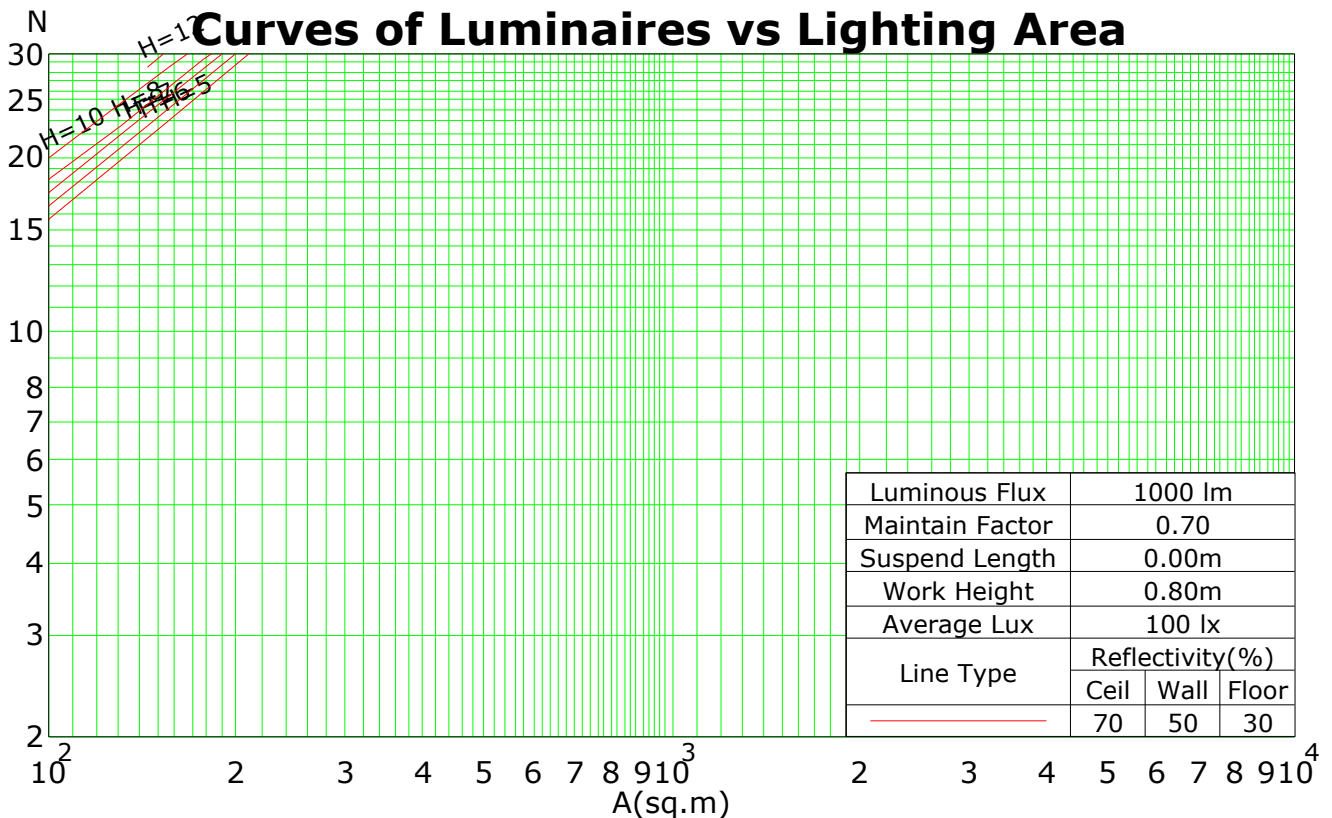
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## Coefficients Of Utilization - Zonal Cavity Method

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	109	107	112	110	108	106	106	104	103	102	101	99	98	98	97	95
2	109	105	102	99	107	103	100	97	100	98	95	97	95	93	95	93	91	90
3	105	99	95	91	103	98	94	91	95	92	89	93	90	88	91	88	86	85
4	100	94	89	85	99	93	88	85	91	87	84	89	86	83	87	84	82	81
5	96	89	84	80	95	88	83	80	86	82	79	85	81	79	83	80	78	77
6	92	85	80	76	91	84	79	76	83	78	75	81	77	75	80	77	74	73
7	89	81	76	72	88	80	75	72	79	75	71	78	74	71	77	73	71	69
8	85	77	72	68	84	77	72	68	76	71	68	75	71	68	74	70	68	66
9	82	74	69	65	81	73	69	65	73	68	65	72	68	65	71	67	65	63
10	79	71	66	62	78	70	66	62	70	65	62	69	65	62	68	65	62	61

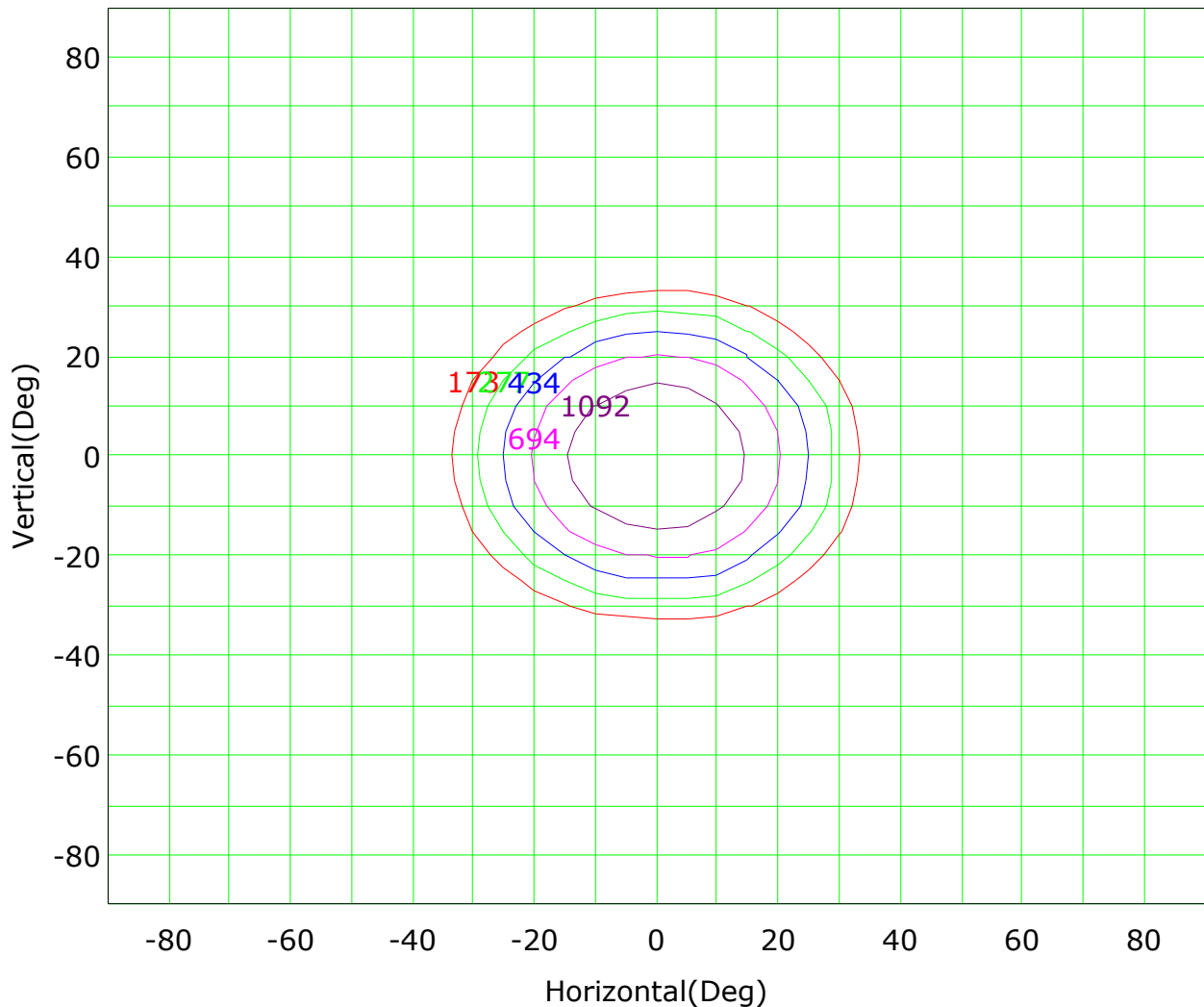
Spacing Criteria (0-180): 0.58  
 Spacing Criteria (90-270): 0.58  
 Spacing Criteria (Diagonal): 0.59



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## Isocandela (rectangle)



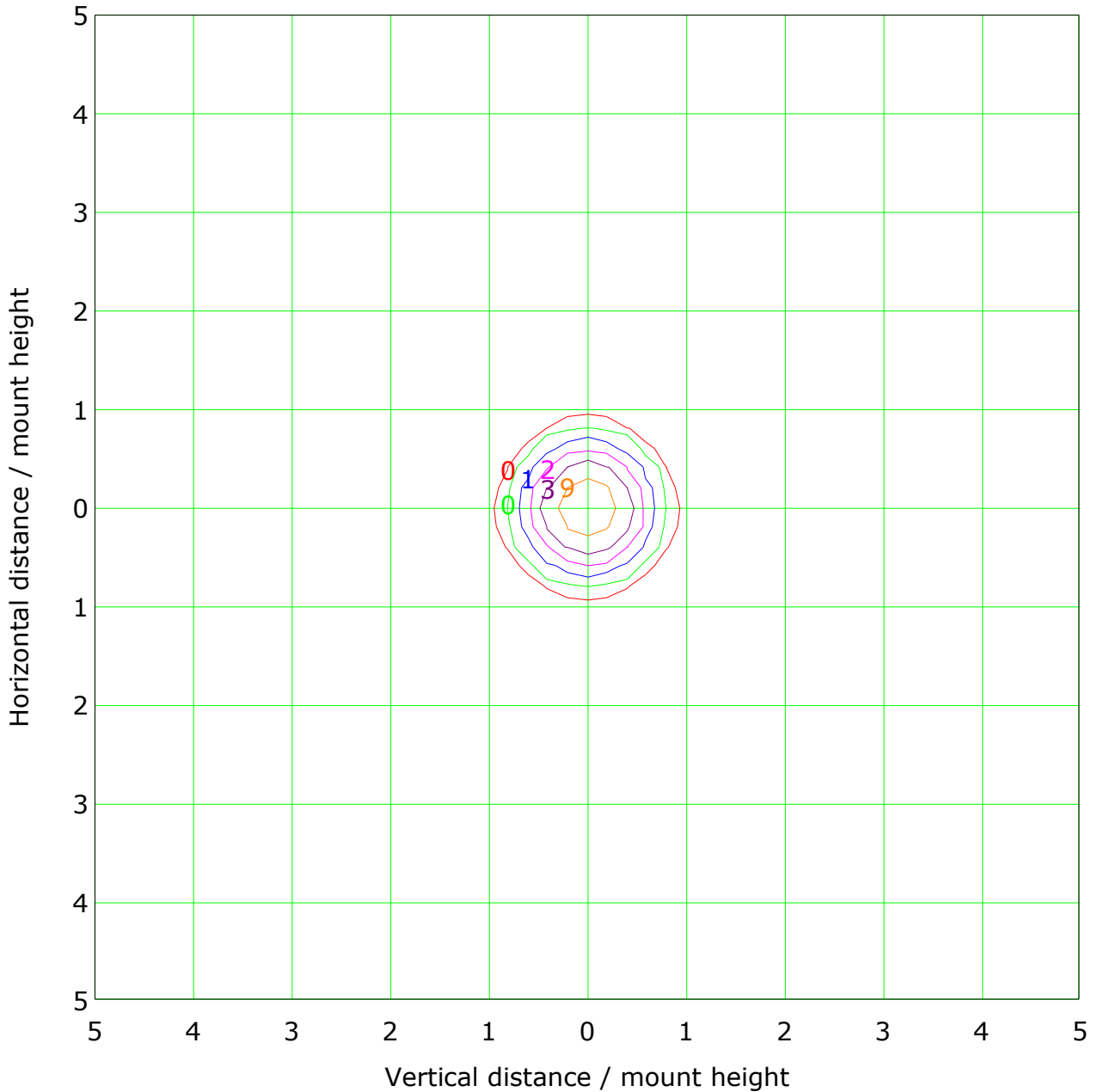
Imax (100%): 1734 cd

— ( 10%): 173 cd	— ( 16%): 277 cd
— ( 25%): 434 cd	— ( 40%): 694 cd
— ( 63%): 1092 cd	— (100%): 1734 cd

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 Humidity: 60  
 Inspector:

## IsoLux Plot



Mounting Height: 10.0m    Max Lux(100%): 17.3 lx

— ( 1%): 0.2 lx	— ( 2%): 0.3 lx
— ( 5%): 0.9 lx	— (10%): 1.7 lx
— (20%): 3.5 lx	— (50%): 8.7 lx
— (100%): 17.3 lx	

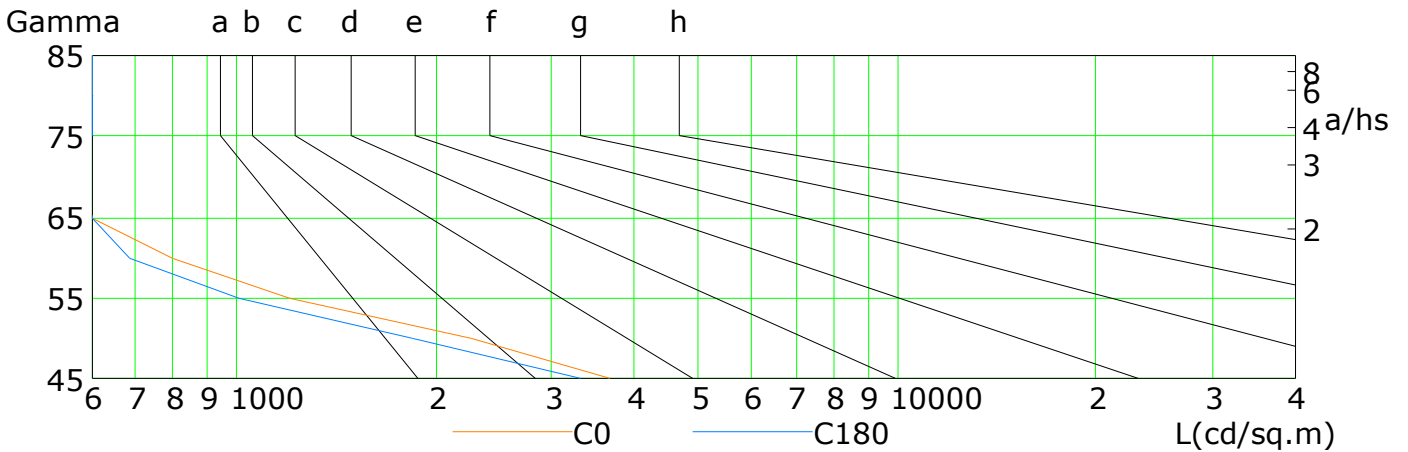
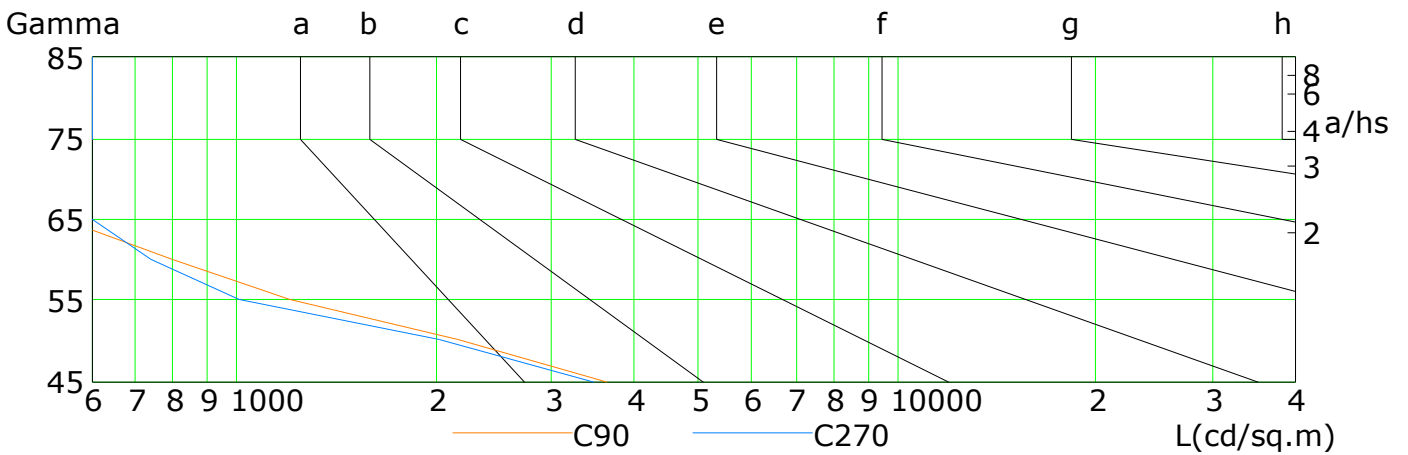
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## Lum Limit Curve

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

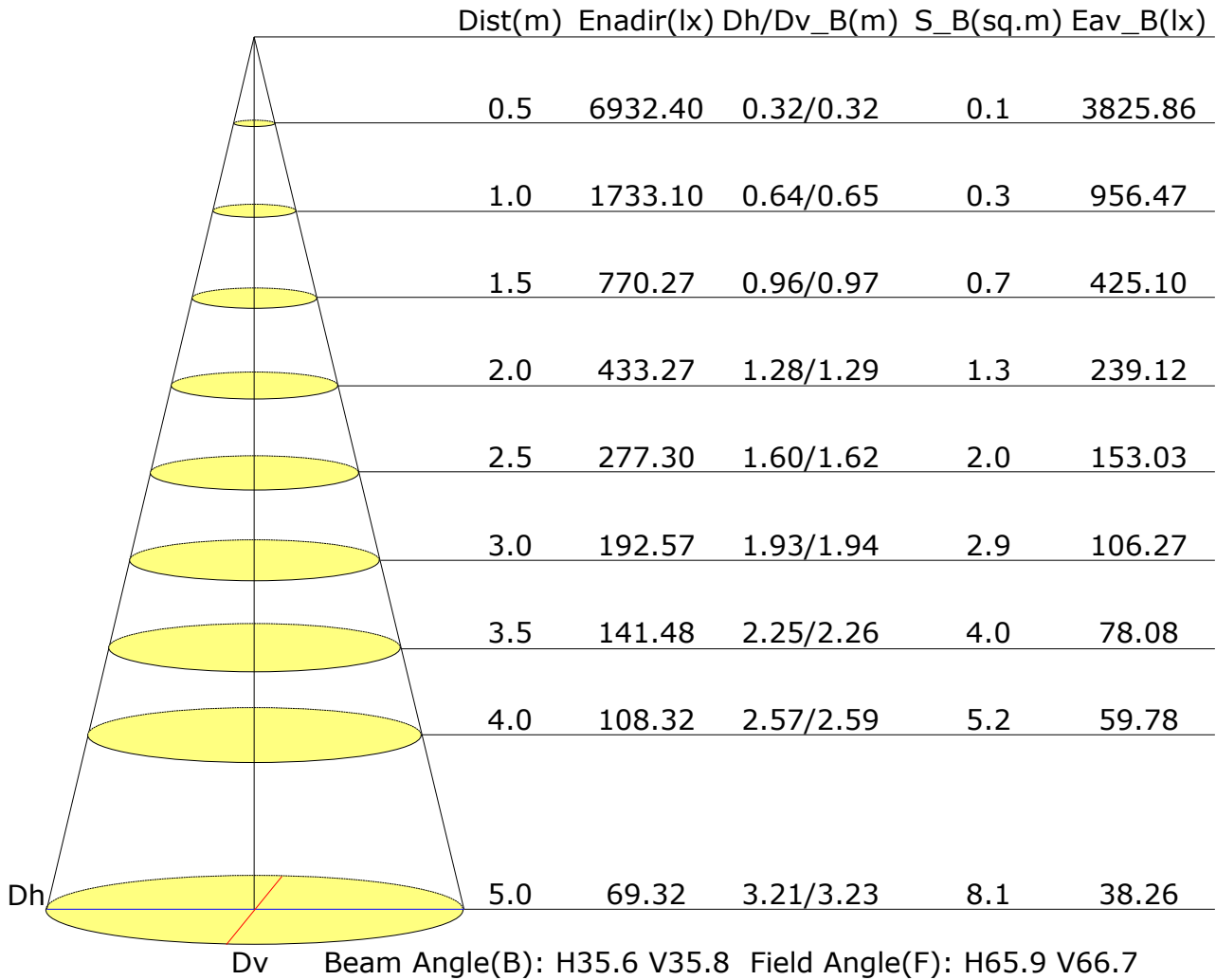


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	3665	2253	1204	799	602	488	314	0	0
C90	3623	2163	1204	799	534	488	0	0	0
C180	3294	1847	1004	686	602	488	0	0	0
C270	3459	2028	1004	742	602	488	0	0	0

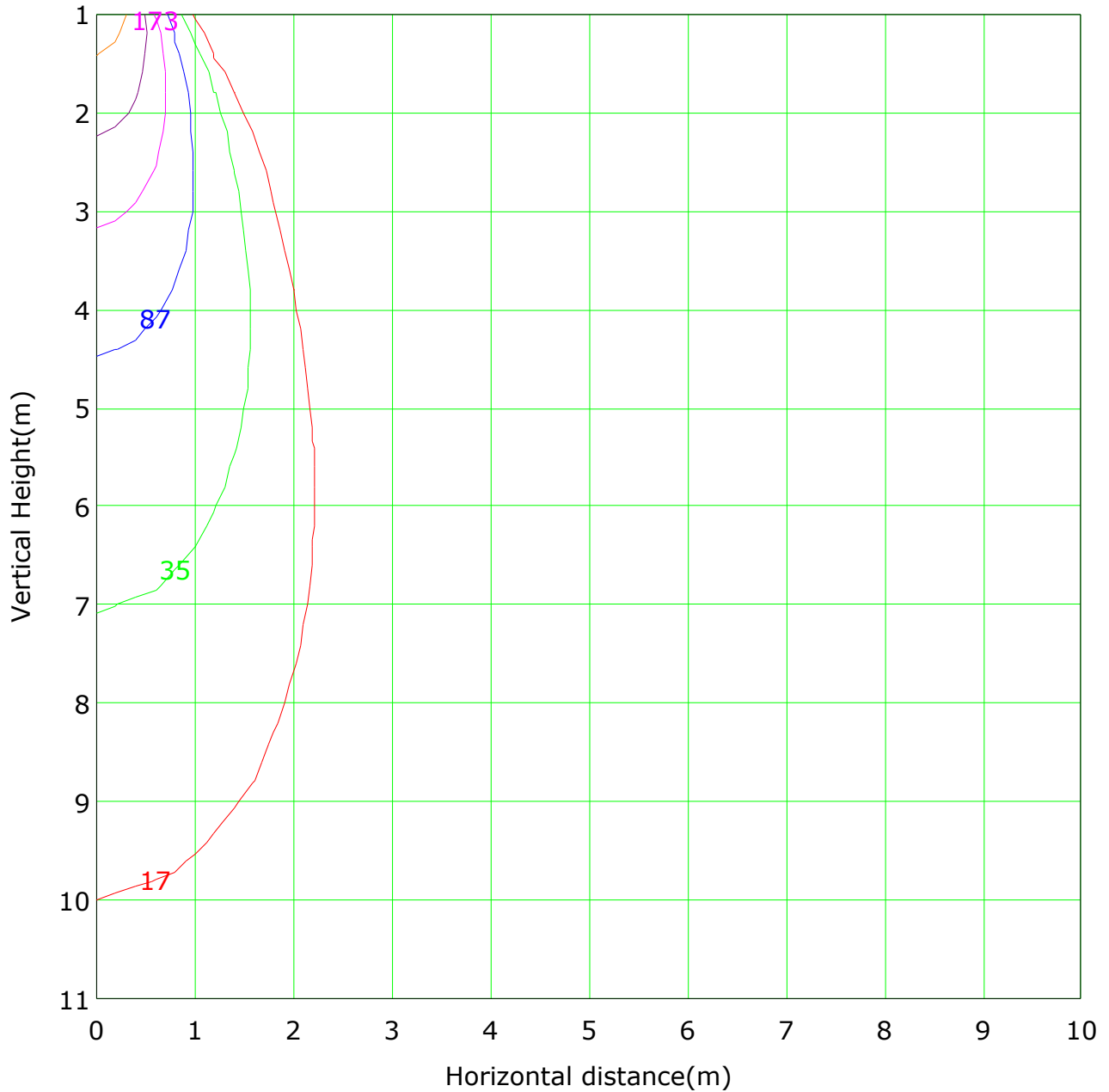
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## Illuminance at a Distance



## Vertical IsoLux Plot



Lowest(m): 1.0m    Highest(m): 11.0m    Max Lux: 1733.1 lx

— ( 1%): 17.3 lx	— ( 2%): 34.7 lx
— ( 5%): 86.7 lx	— ( 10%): 173.3 lx
— ( 20%): 346.6 lx	— ( 50%): 866.5 lx
— (100%):1733.1 lx	



## The Average Illuminance Effective Figure

