

Report No.: 1

Test Time: 2016-12-29 13:38

## Luminaire Property

Luminaire Category: 0117.G.U241.6  
Luminaire Description: 60069  
Length (mm): 108  
Height (mm): 2  
Current: 0.057 A  
Power Factor: 0.977

Luminaire Manufacturer: Brasled  
Width (mm): 108  
Voltage: 230.1 V  
Power: 12.88 W

## Photometric Results

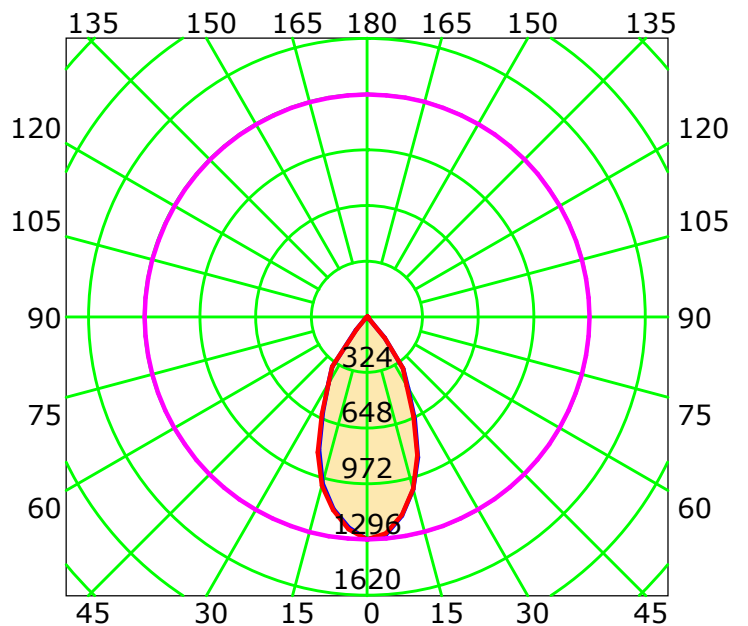
CIE Class: Direct  
Measurement Flux: 936.8 lm  
Downward Ratio: 100%  
Field Angle: H80.5 V80.5  
Luminaire Efficacy Rating (LER): 73  
Max. Intensity: 1296.4 cd

Total Rated Lamp Lumens: 936.8 lm  
Efficiency: 100%  
Upward Ratio: 0%  
Beam Angle: H49.5 V49.3  
Central Intensity: 1295.42 cd  
Pos of Max. Intensity: H135 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



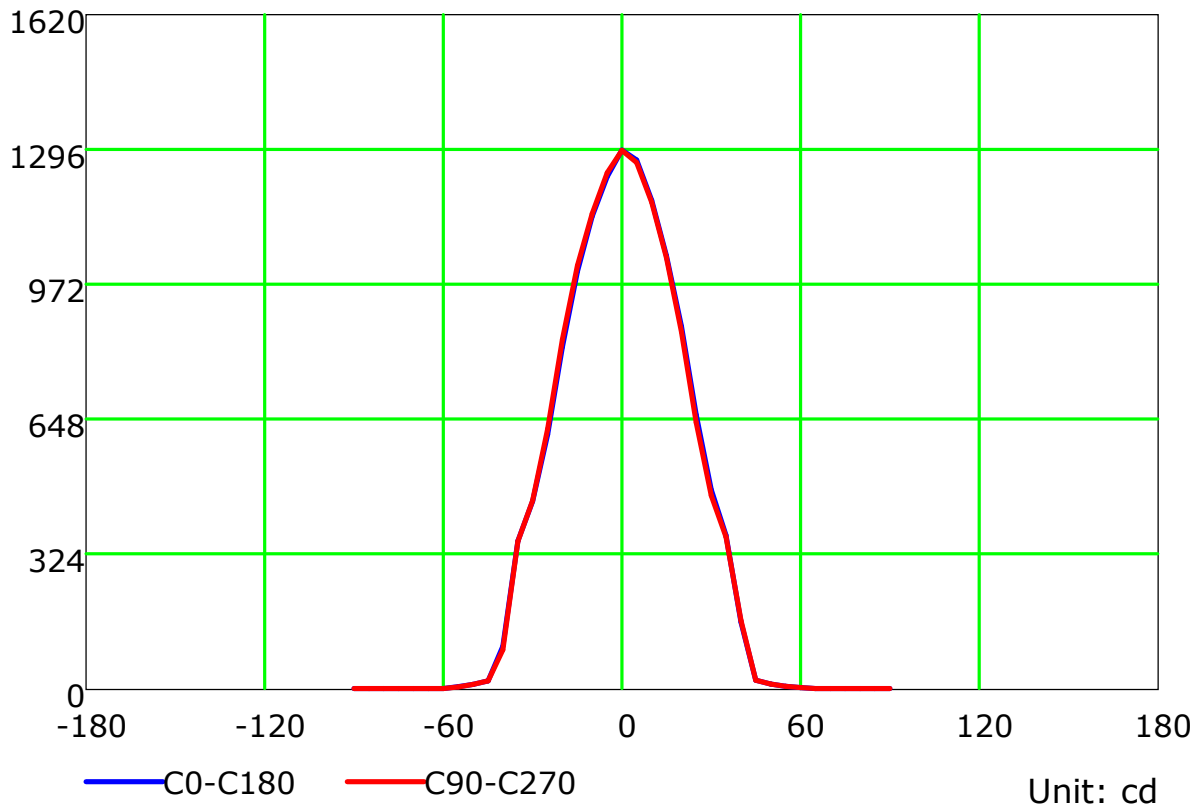
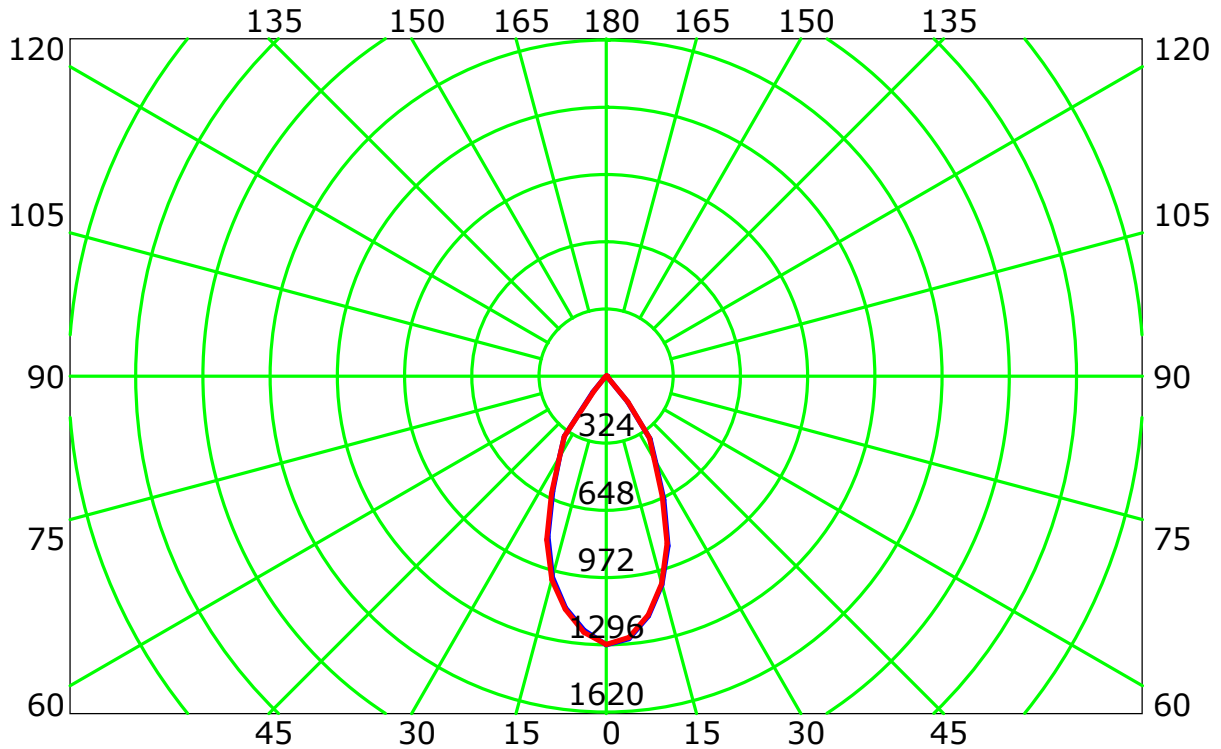
Average Diffuse Angle(50%): 49.4° Unit: cd

— 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



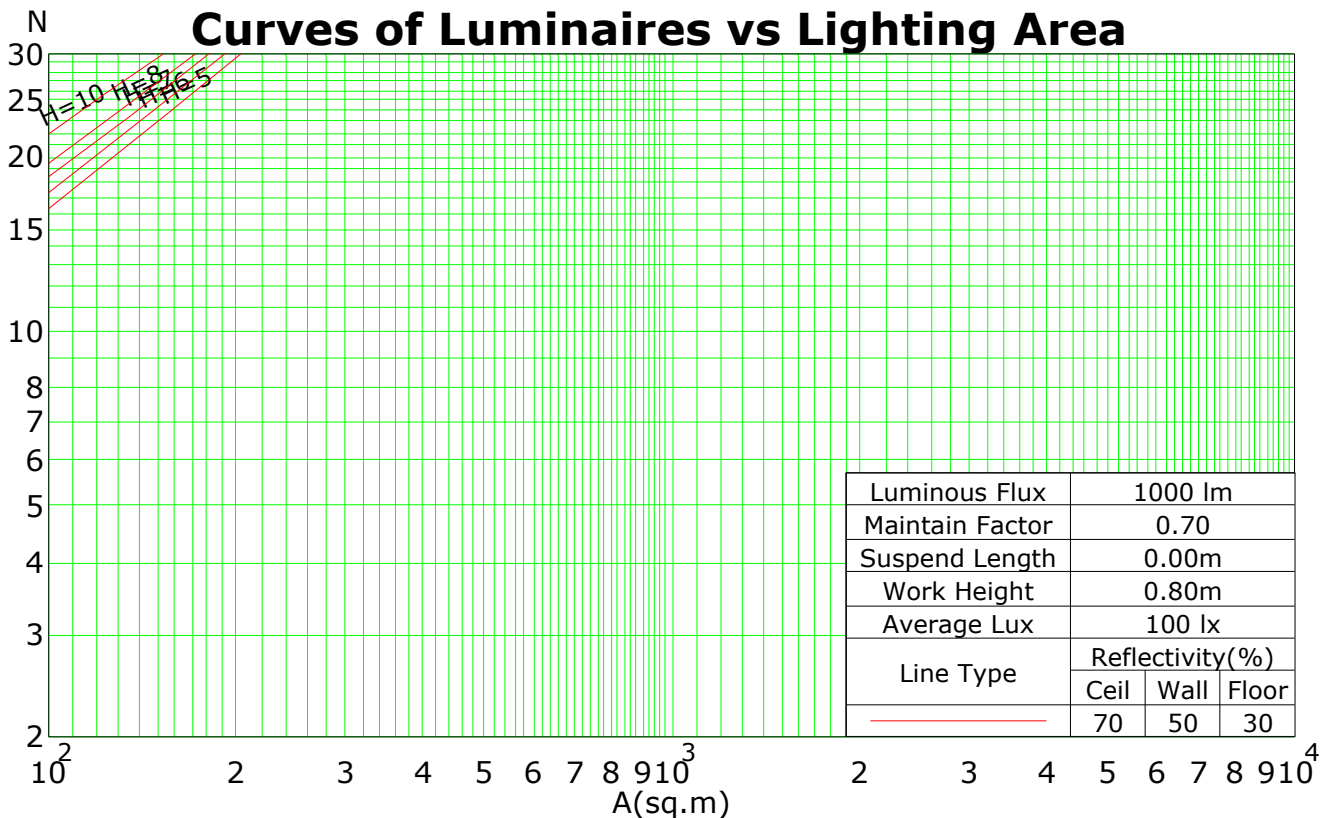
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## Coefficients Of Utilization - Zonal Cavity Method

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	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94
2	108	104	100	97	106	102	99	96	99	96	94	96	94	92	93	91	90	88
3	103	97	92	89	101	96	91	88	93	90	87	91	88	85	89	86	84	82
4	98	91	86	82	97	90	85	81	88	84	80	86	82	79	84	81	79	77
5	94	86	80	76	92	85	79	76	83	78	75	81	77	74	80	76	74	72
6	89	81	75	71	88	80	74	71	78	74	70	77	73	70	76	72	69	68
7	85	76	70	66	84	75	70	66	74	69	66	73	69	65	72	68	65	64
8	81	72	66	62	80	71	66	62	70	65	62	69	65	62	68	64	61	60
9	77	68	62	59	76	68	62	59	67	62	58	66	61	58	65	61	58	57
10	74	65	59	55	73	64	59	55	63	58	55	63	58	55	62	58	55	54

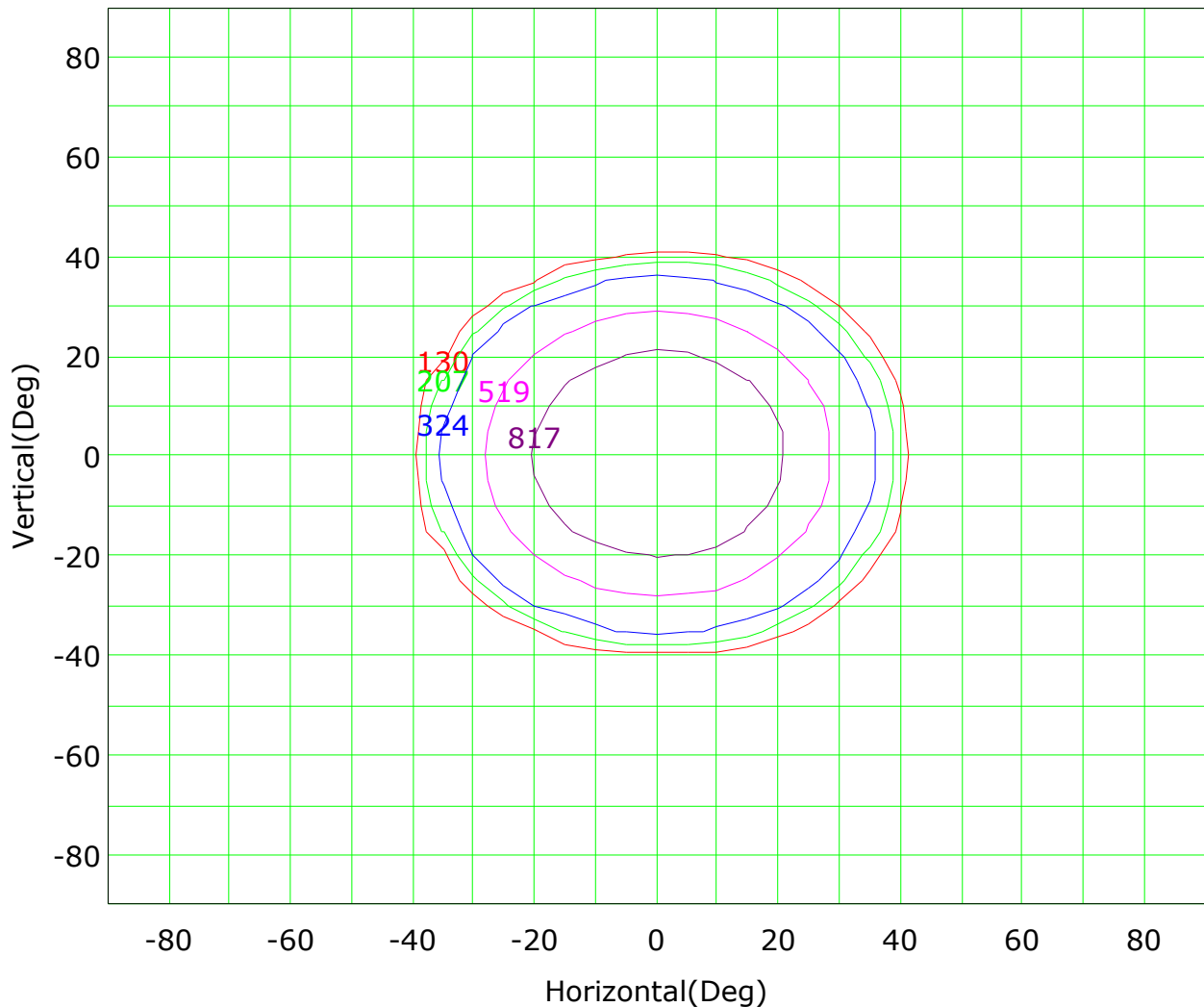
Spacing Criteria (0-180): 0.77  
 Spacing Criteria (90-270): 0.77  
 Spacing Criteria (Diagonal): 0.79



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## Isocandela (rectangle)



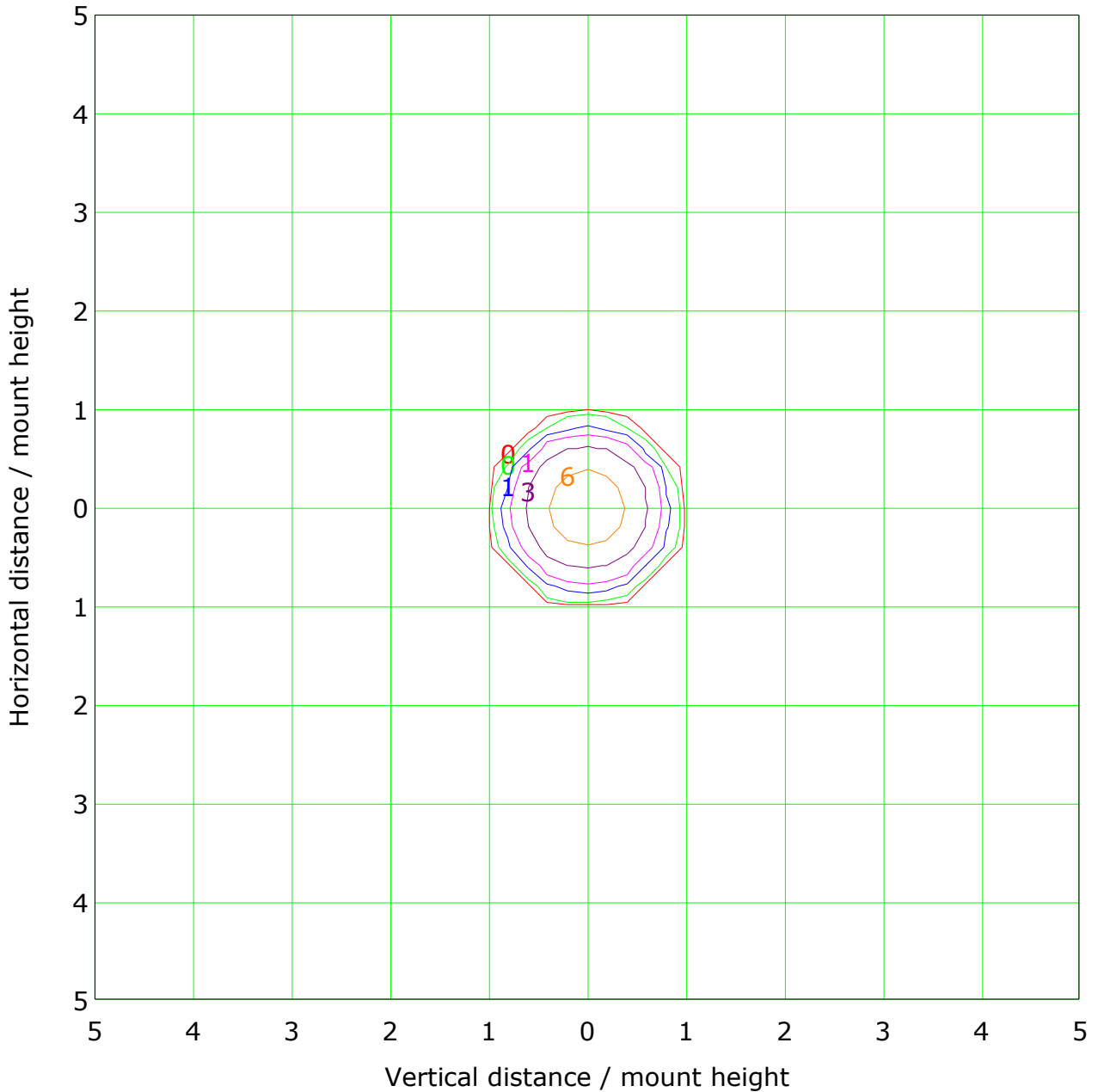
Imax (100%): 1296 cd

— ( 10%): 130 cd	— ( 16%): 207 cd
— ( 25%): 324 cd	— ( 40%): 519 cd
— ( 63%): 817 cd	— (100%): 1296 cd

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 Humidity: 60  
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## IsoLux Plot



Mounting Height: 10.0m    Max Lux(100%): 13.0 lx

— ( 1%): 0.1 lx	— ( 2%): 0.3 lx
— ( 5%): 0.6 lx	— (10%): 1.3 lx
— (20%): 2.6 lx	— (50%): 6.5 lx
— (100%): 13.0 lx	

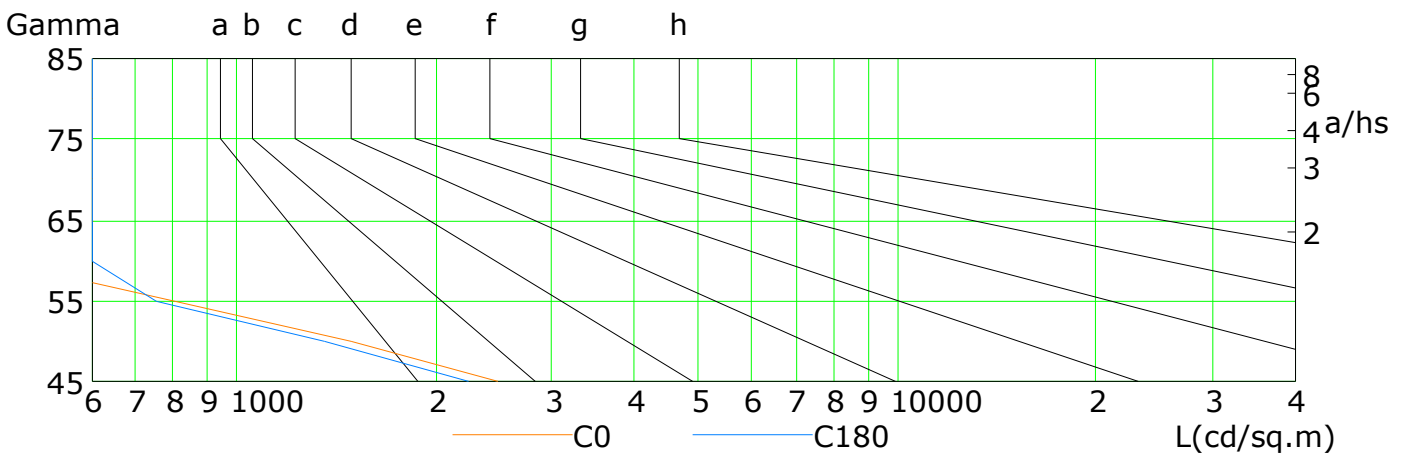
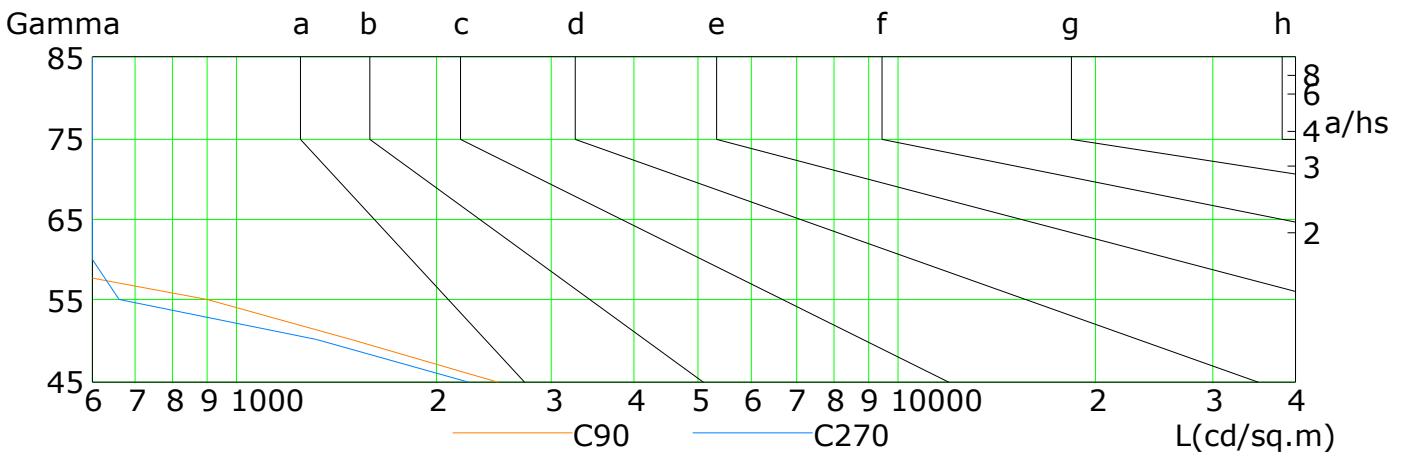
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## Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
		2000	1000	500	<=300				
1.15	A	2000	1000	500	<=300				
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

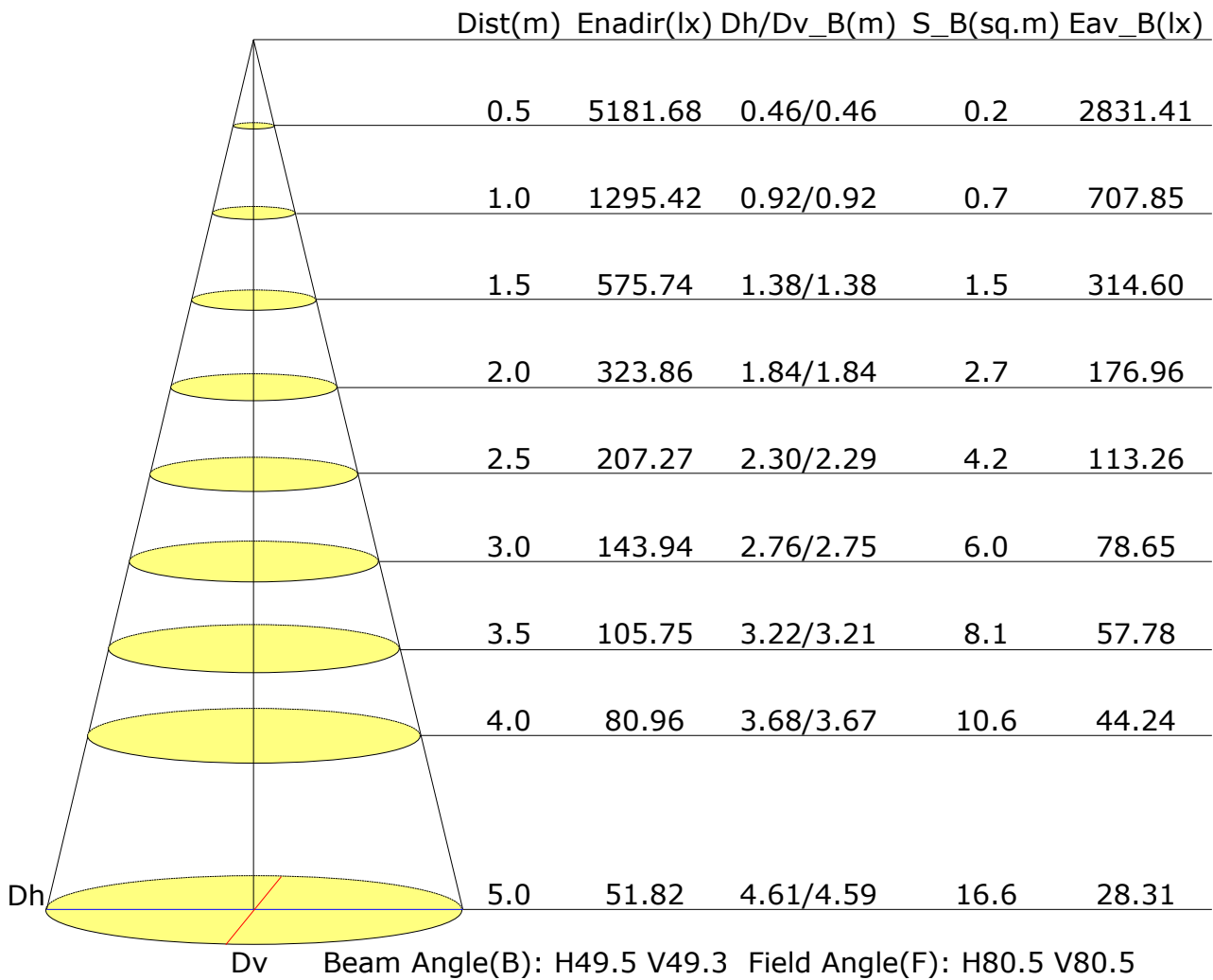


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	2468	1480	802	430	0	0	0	0	0
C90	2468	1480	896	430	0	0	0	0	0
C180	2237	1353	754	0	0	0	0	0	0
C270	2237	1310	661	0	0	0	0	0	0

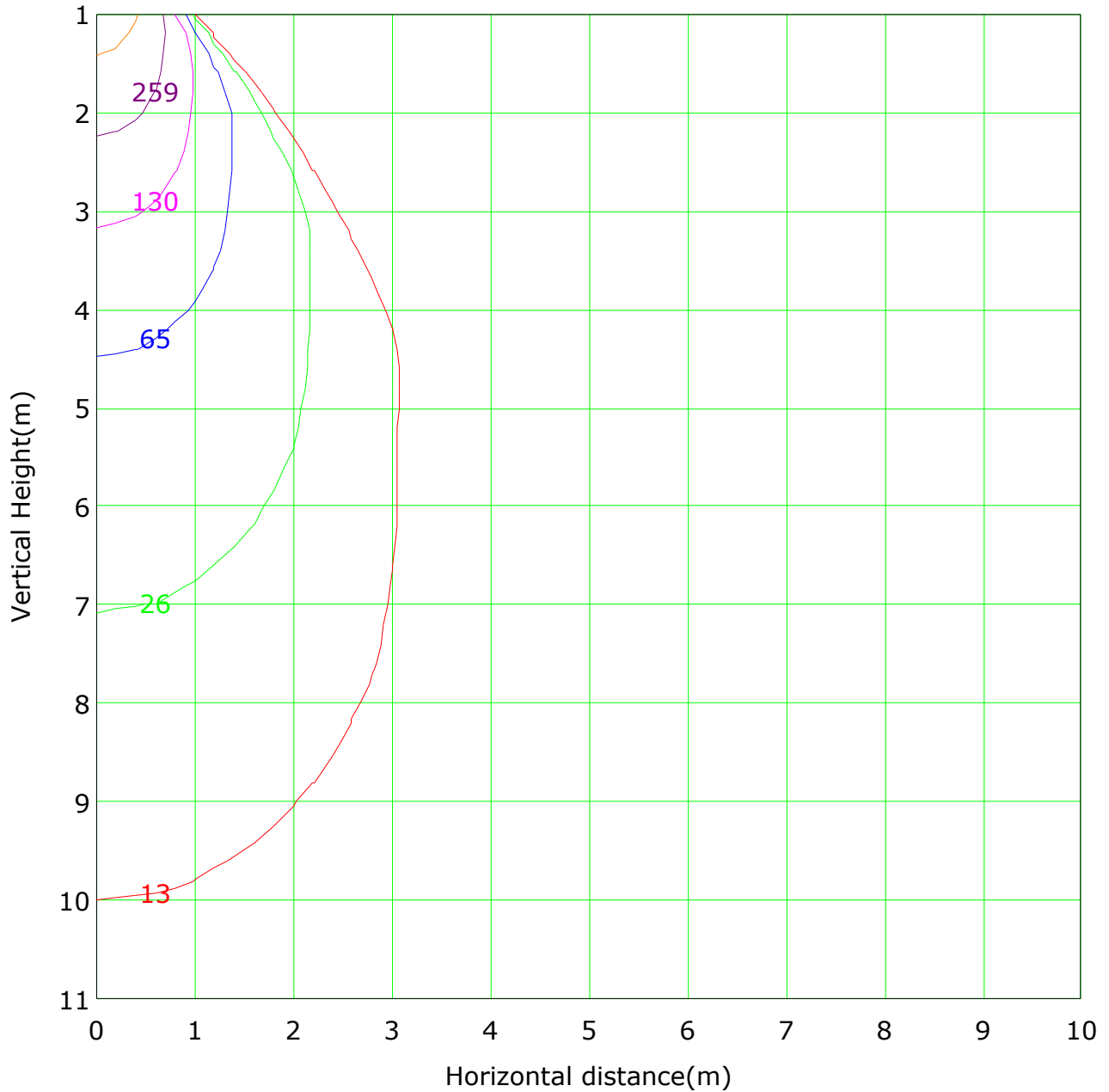
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## Illuminance at a Distance



## Vertical IsoLux Plot



Lowest(m): 1.0m    Highest(m): 11.0m    Max Lux: 1295.4 lx  
 — ( 1%): 13.0 lx                      — ( 2%): 25.9 lx  
 — ( 5%): 64.8 lx                        — ( 10%): 129.5 lx  
 — ( 20%): 259.1 lx                      — ( 50%): 647.7 lx  
 — (100%):1295.4 lx

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## The Average Illuminance Effective Figure

