

Report No.: 1

Test Time: 2017-01-09 08:48

## Luminaire Property

Luminaire Category: 0123.W.U941.6  
Luminaire Description: 60077  
Length (mm): 202  
Height (mm): 10  
Current: 0.146 A  
Power Factor: 0.971

Luminaire Manufacturer: Brasled  
Width (mm): 202  
Voltage: 230.1 V  
Power: 32.69 W

## Photometric Results

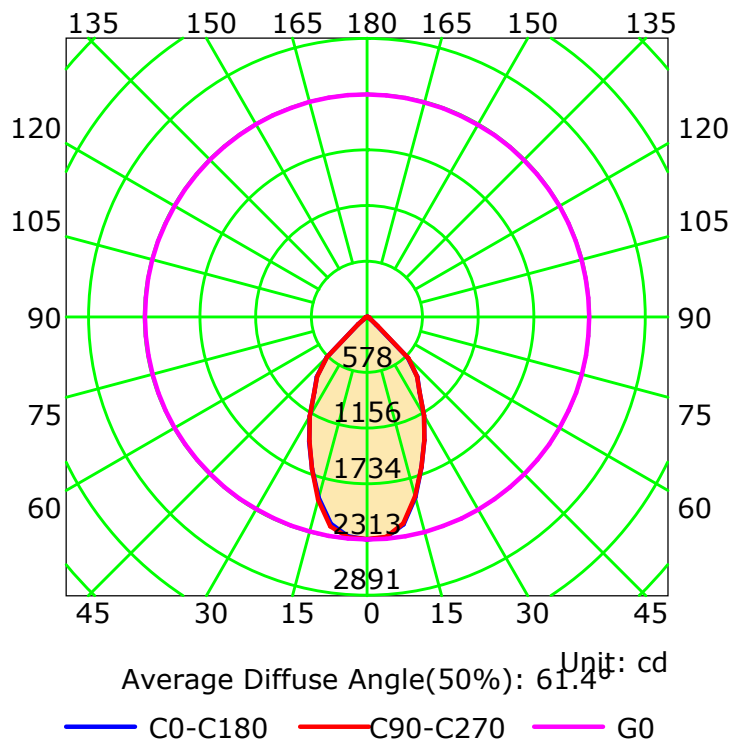
CIE Class: Direct  
Measurement Flux: 2534.8 lm  
Downward Ratio: 100%  
Field Angle: H97.7 V97.9  
Luminaire Efficacy Rating (LER): 78  
Max. Intensity: 2313.16 cd

Total Rated Lamp Lumens: 2534.8 lm  
Efficiency: 100%  
Upward Ratio: 0%  
Beam Angle: H61.3 V61.5  
Central Intensity: 2313.16 cd  
Pos of Max. Intensity: H0 V0

Picture Of Luminaire



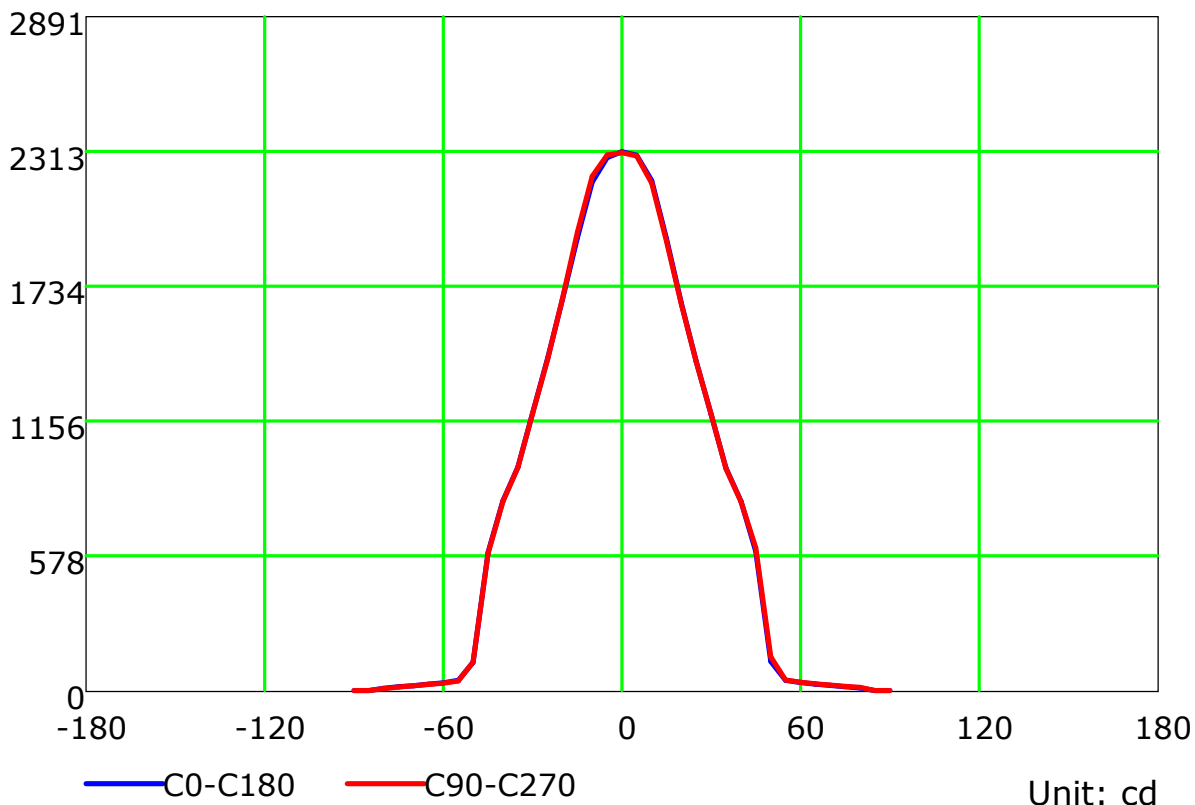
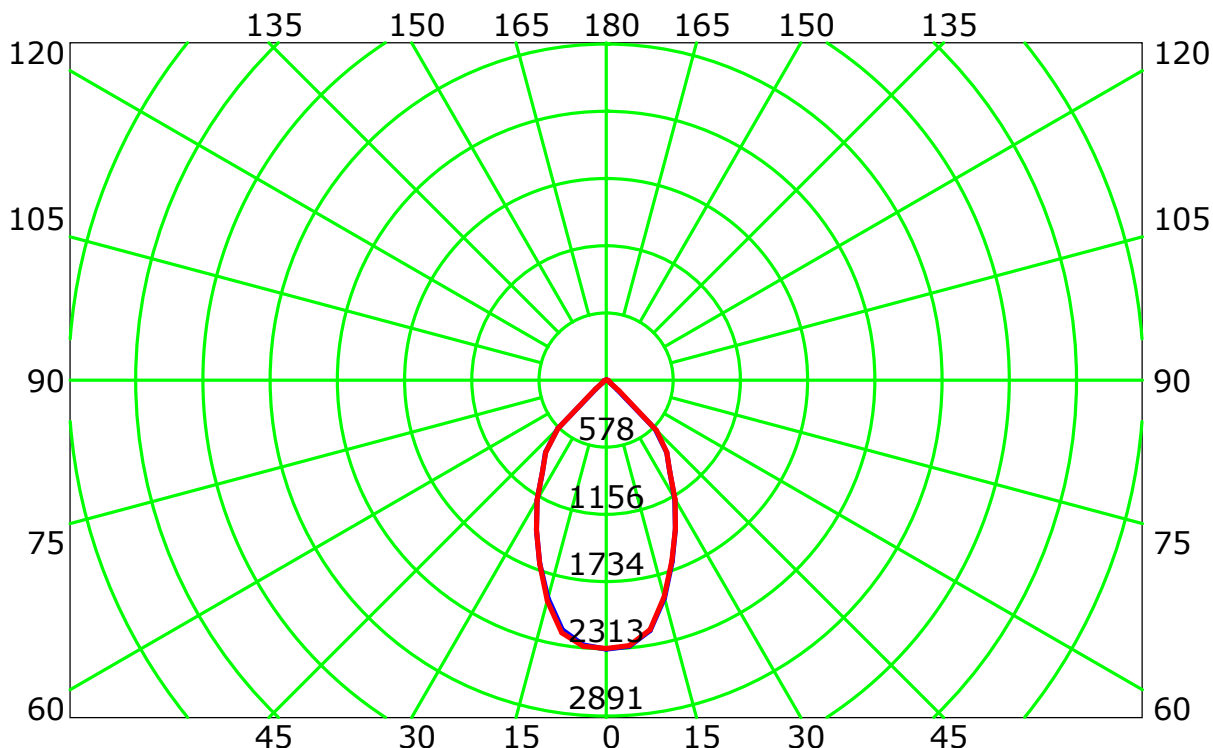
Luminous Intensity Distribution Curve



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



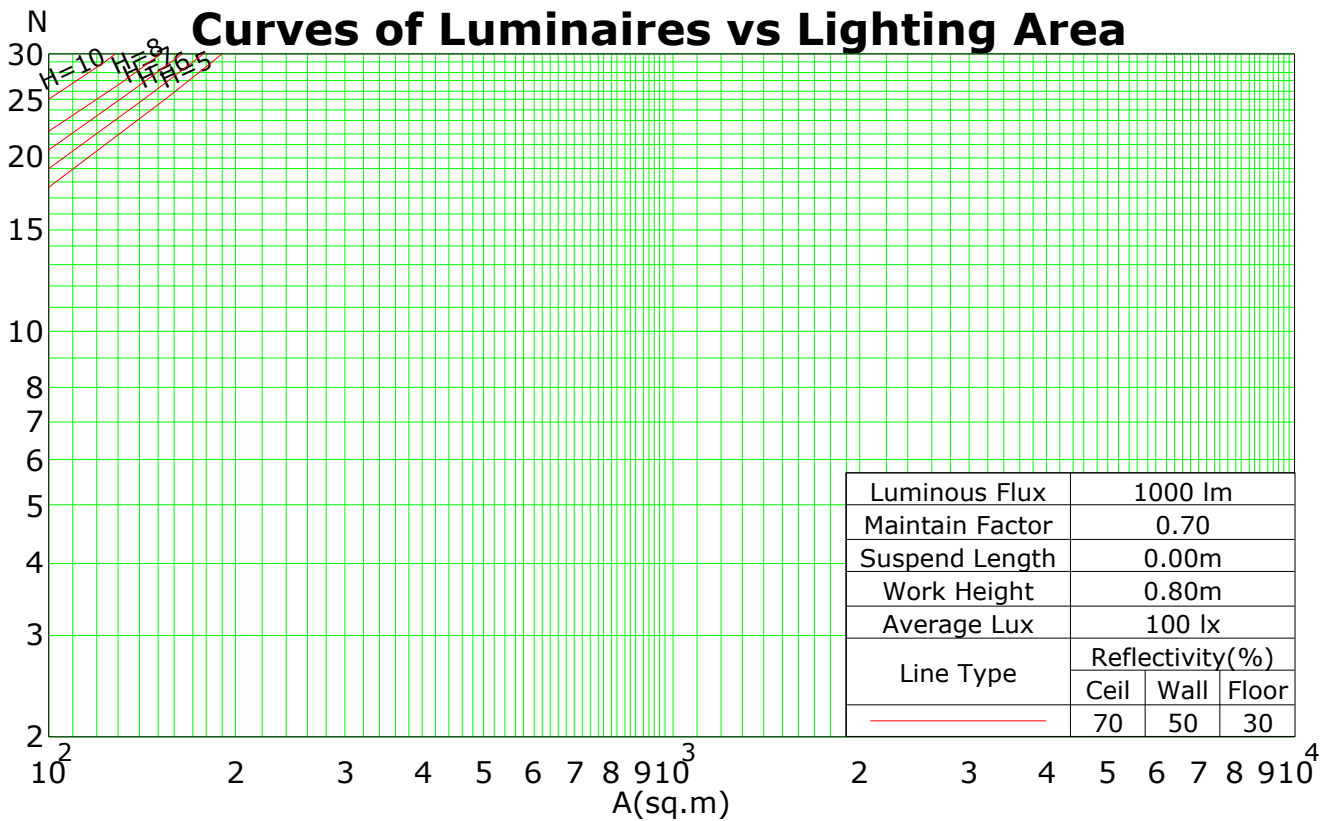
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## Coefficients Of Utilization - Zonal Cavity Method

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	113	110	107	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92
2	106	101	96	92	104	99	95	91	96	92	89	93	90	87	90	88	86	84
3	100	93	87	83	98	91	86	82	89	84	81	86	83	79	84	81	78	77
4	94	86	79	75	92	85	79	74	82	77	73	80	76	72	78	75	72	70
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64
6	84	74	67	62	82	73	66	62	71	66	61	70	65	61	68	64	61	59
7	79	68	62	57	77	68	61	57	66	61	57	65	60	56	64	59	56	54
8	74	64	57	53	73	63	57	53	62	56	52	61	56	52	60	55	52	50
9	70	60	53	49	69	59	53	49	58	53	49	57	52	48	56	52	48	47
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	44

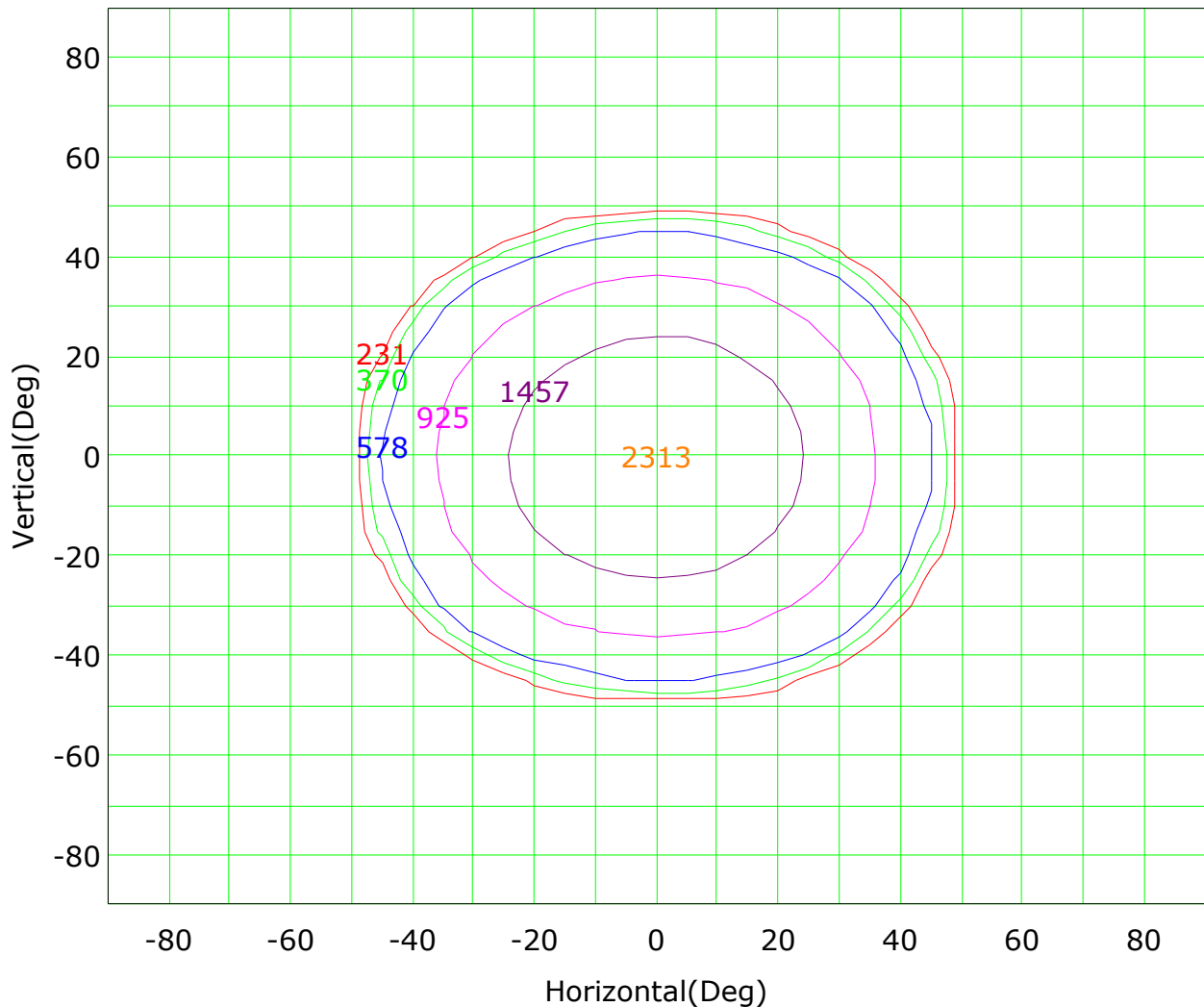
Spacing Criteria (0-180): 0.87  
 Spacing Criteria (90-270): 0.87  
 Spacing Criteria (Diagonal): 0.95



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## Isocandela (rectangle)



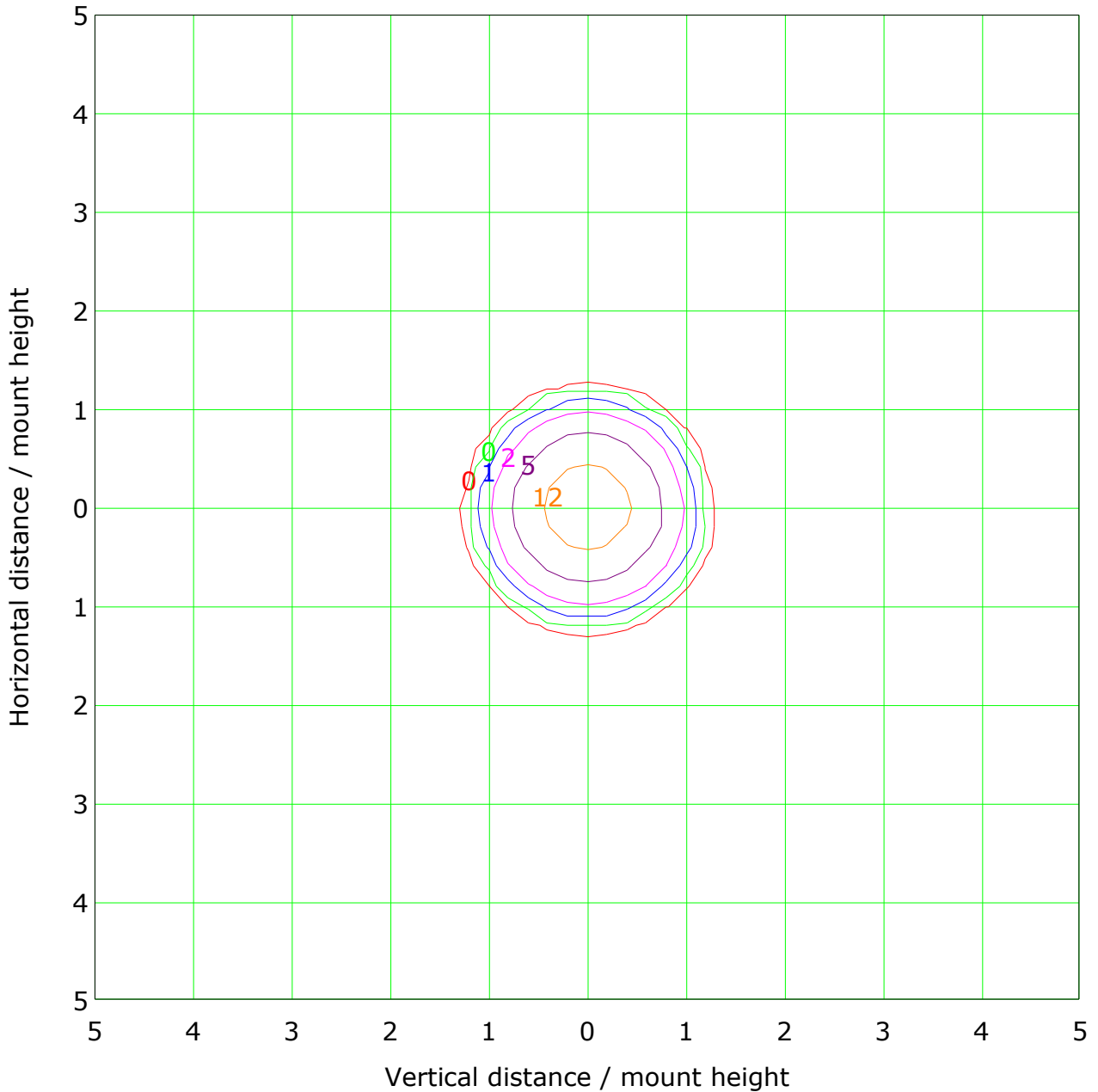
Imax (100%): 2313 cd

( 10%): 231 cd	( 16%): 370 cd
( 25%): 578 cd	( 40%): 925 cd
( 63%): 1457 cd	(100%): 2313 cd

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## IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 23.1 lx	
— ( 1%):	0.2 lx	— ( 2%):	0.5 lx
— ( 5%):	1.2 lx	— ( 10%):	2.3 lx
— ( 20%):	4.6 lx	— ( 50%):	11.6 lx
— (100%):	23.1 lx		

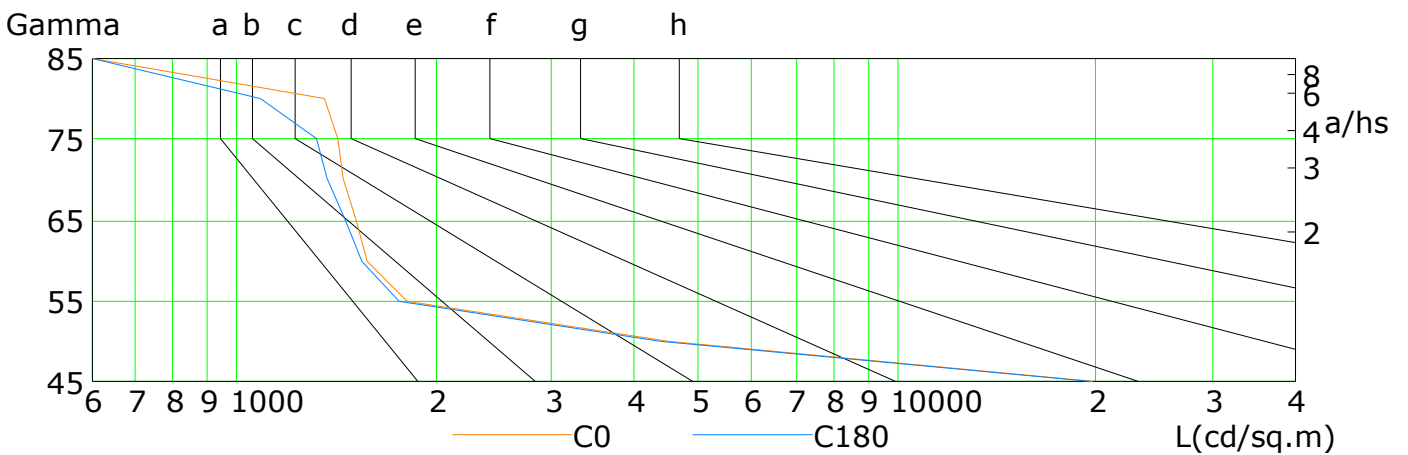
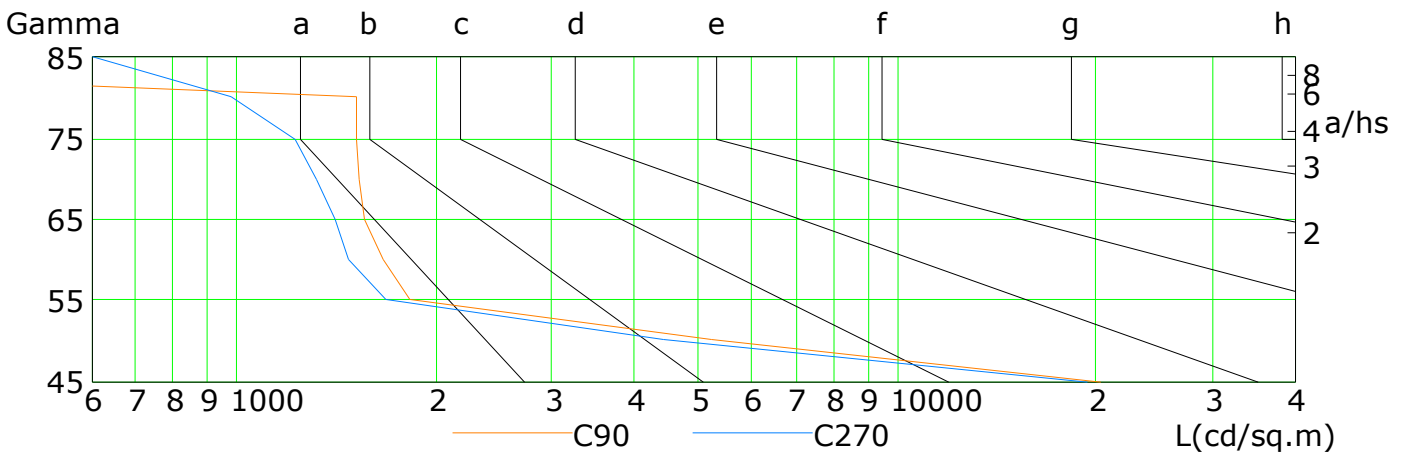
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## Lum Limit Curve

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

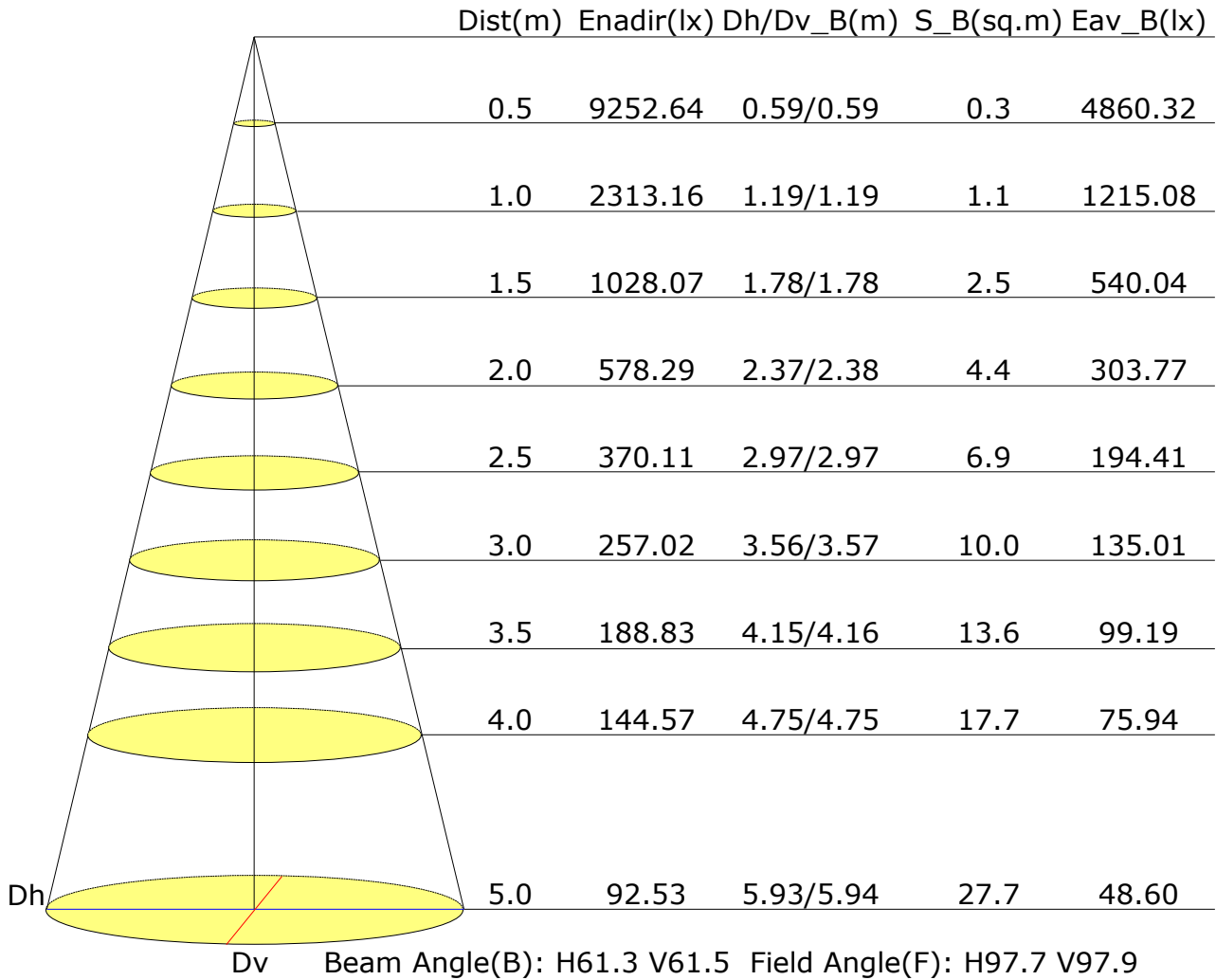


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	19776	4512	1805	1573	1506	1446	1417	1348	0
C90	20271	5239	1830	1656	1554	1523	1515	1516	56
C180	19605	4391	1757	1546	1458	1369	1320	1078	0
C270	19483	4424	1684	1477	1410	1311	1221	977	0

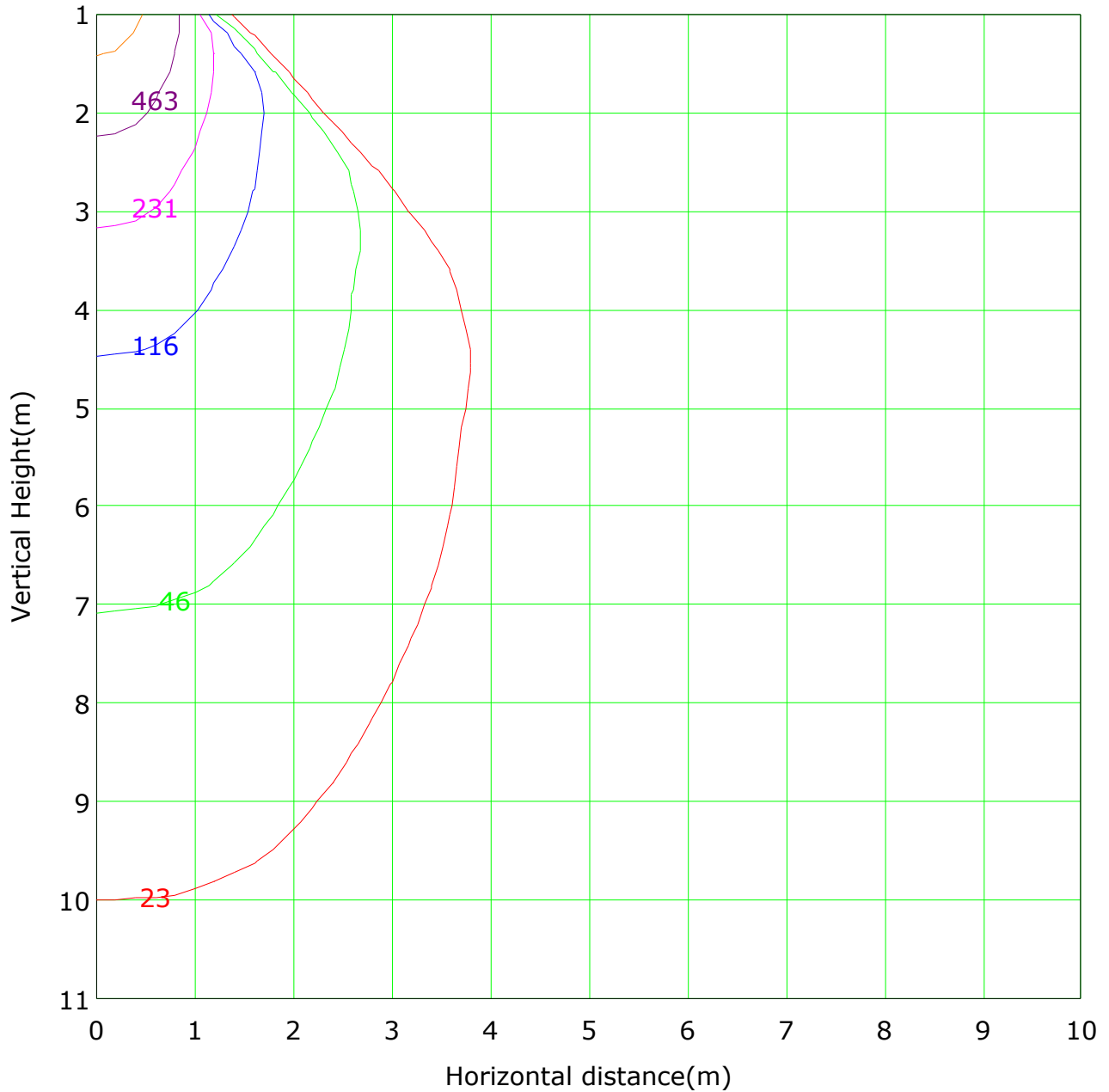
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## Illuminance at a Distance



## Vertical IsoLux Plot

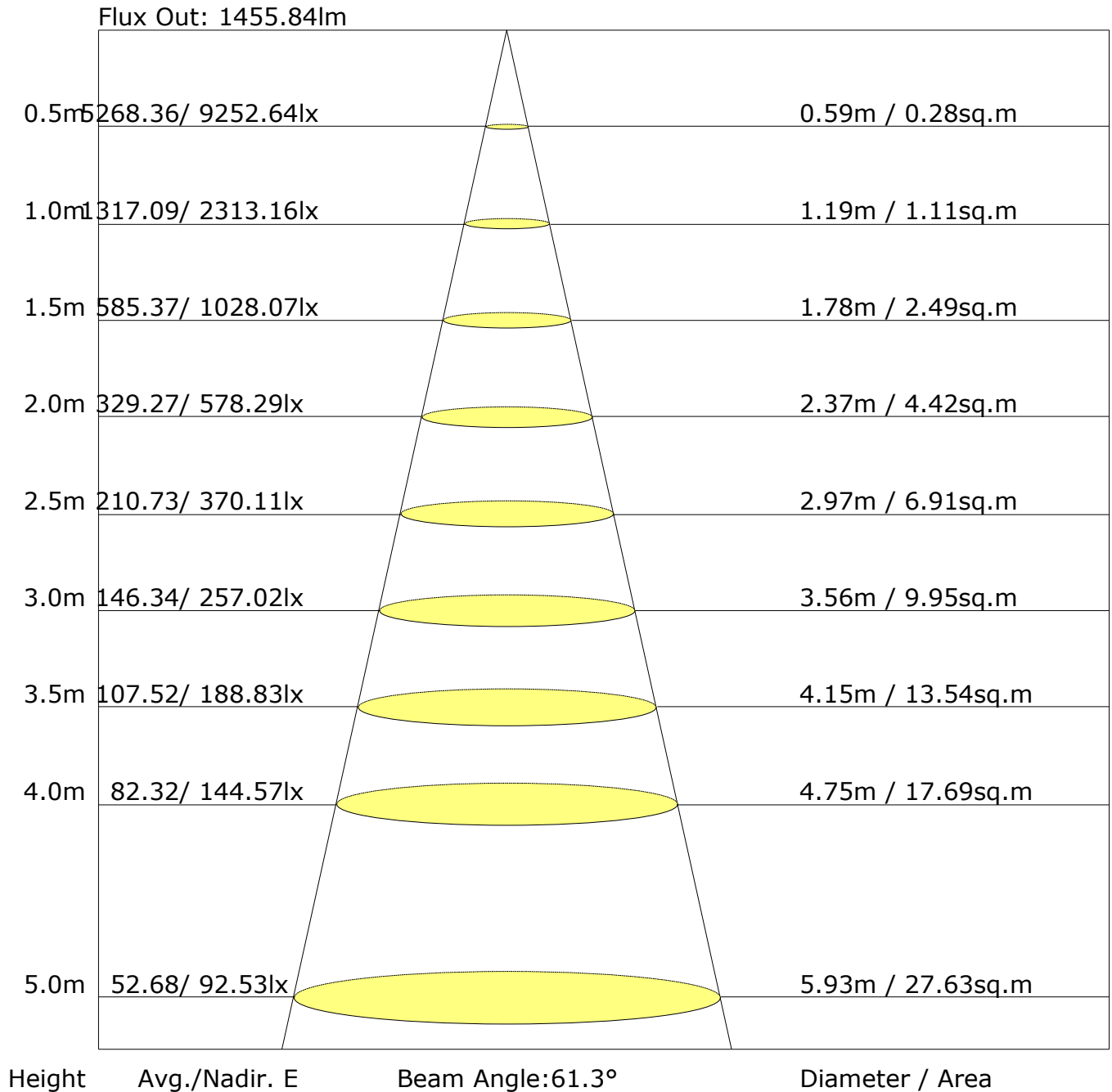


Lowest(m): 1.0m    Highest(m): 11.0m    Max Lux: 2313.2 lx

— ( 1%): 23.1 lx	— ( 2%): 46.3 lx
— ( 5%): 115.7 lx	— ( 10%): 231.3 lx
— ( 20%): 462.6 lx	— ( 50%): 1156.6 lx
— (100%): 2313.2 lx	



## The Average Illuminance Effective Figure



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