

Report No.: 1

Test Time: 2017-01-10 08:32

Luminaire Property

Luminaire Category: 0126.W.A531.6
Luminaire Description: 60057
Length (mm): 114
Height (mm): 3
Current: 0.056 A
Power Factor: 0.977

Luminaire Manufacturer: Brasled
Width (mm): 114
Voltage: 230.1 V
Power: 12.60 W

Photometric Results

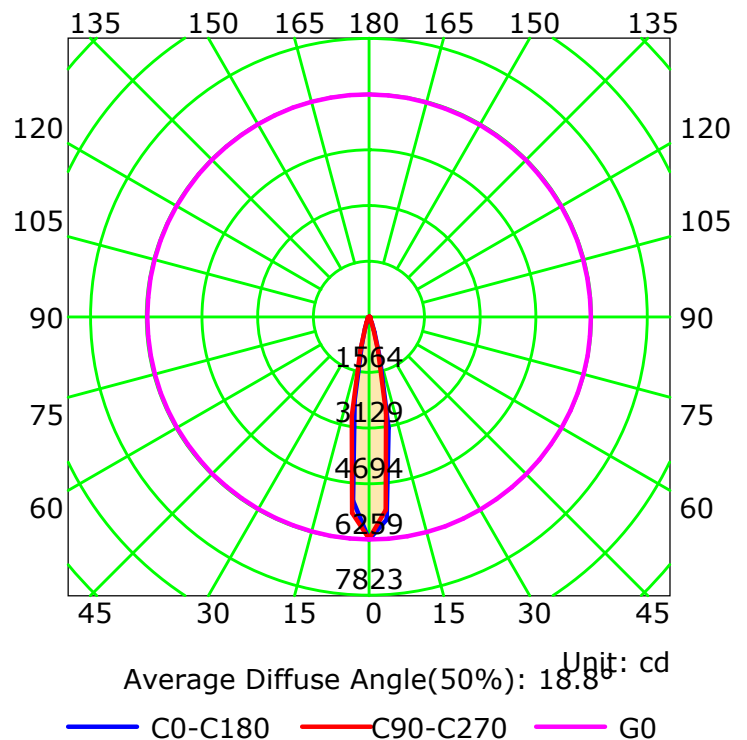
CIE Class: Direct
Measurement Flux: 1029.7 lm
Downward Ratio: 100%
Field Angle: H35.6 V35.9
Luminaire Efficacy Rating (LER): 82
Max. Intensity: 6259.01 cd

Total Rated Lamp Lumens: 1029.7 lm
Efficiency: 100%
Upward Ratio: 0%
Beam Angle: H18.8 V18.8
Central Intensity: 6257.91 cd
Pos of Max. Intensity: H22.5 V0

Picture Of Luminaire



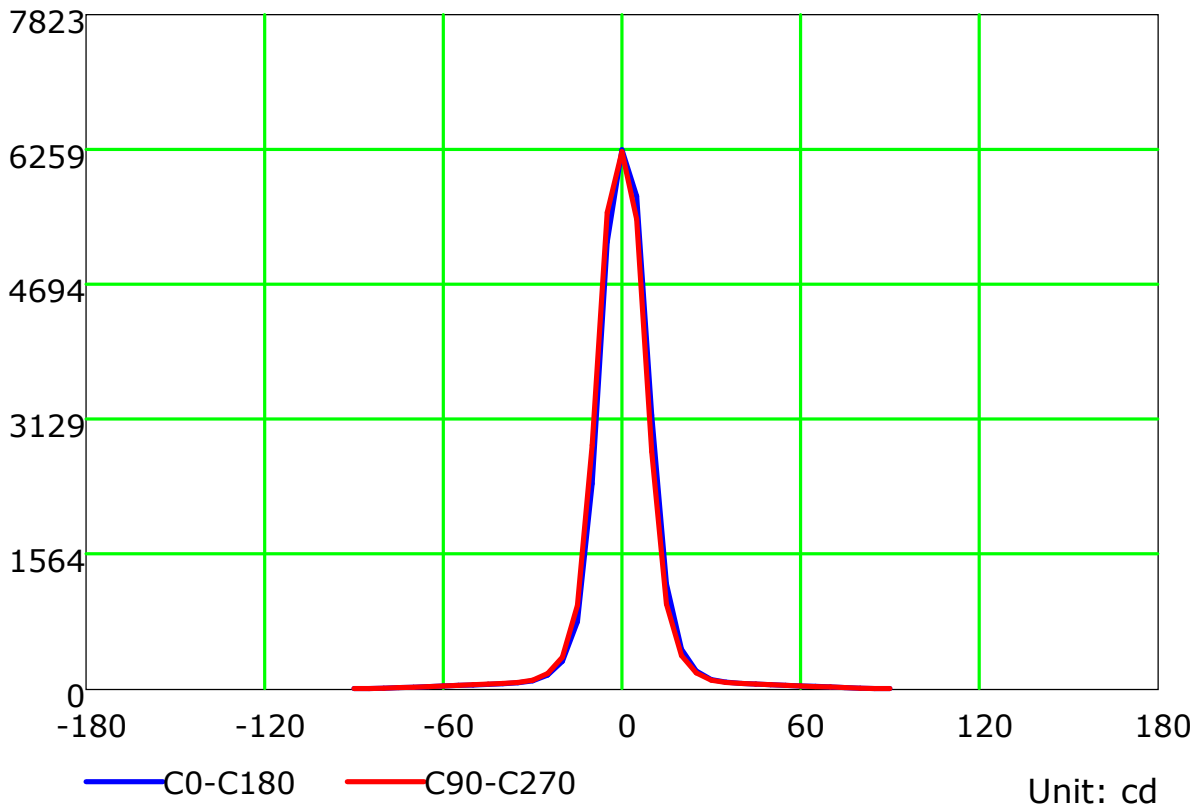
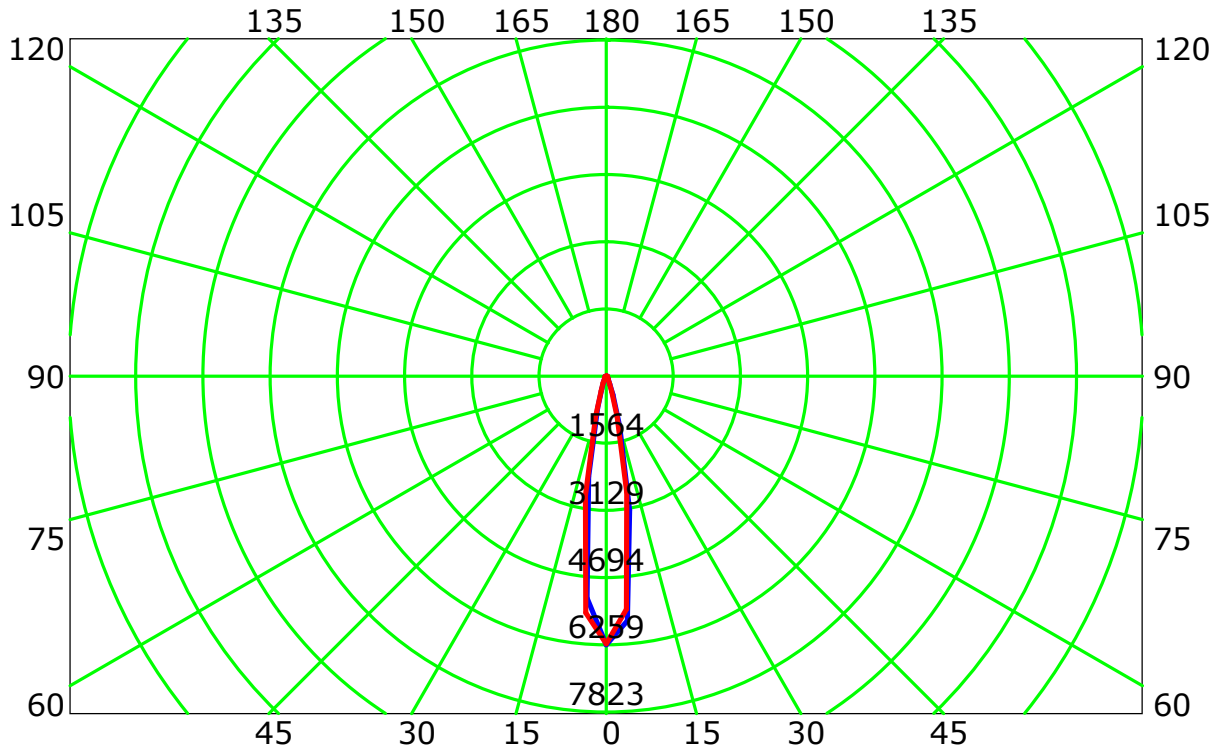
Luminous Intensity Distribution Curve



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



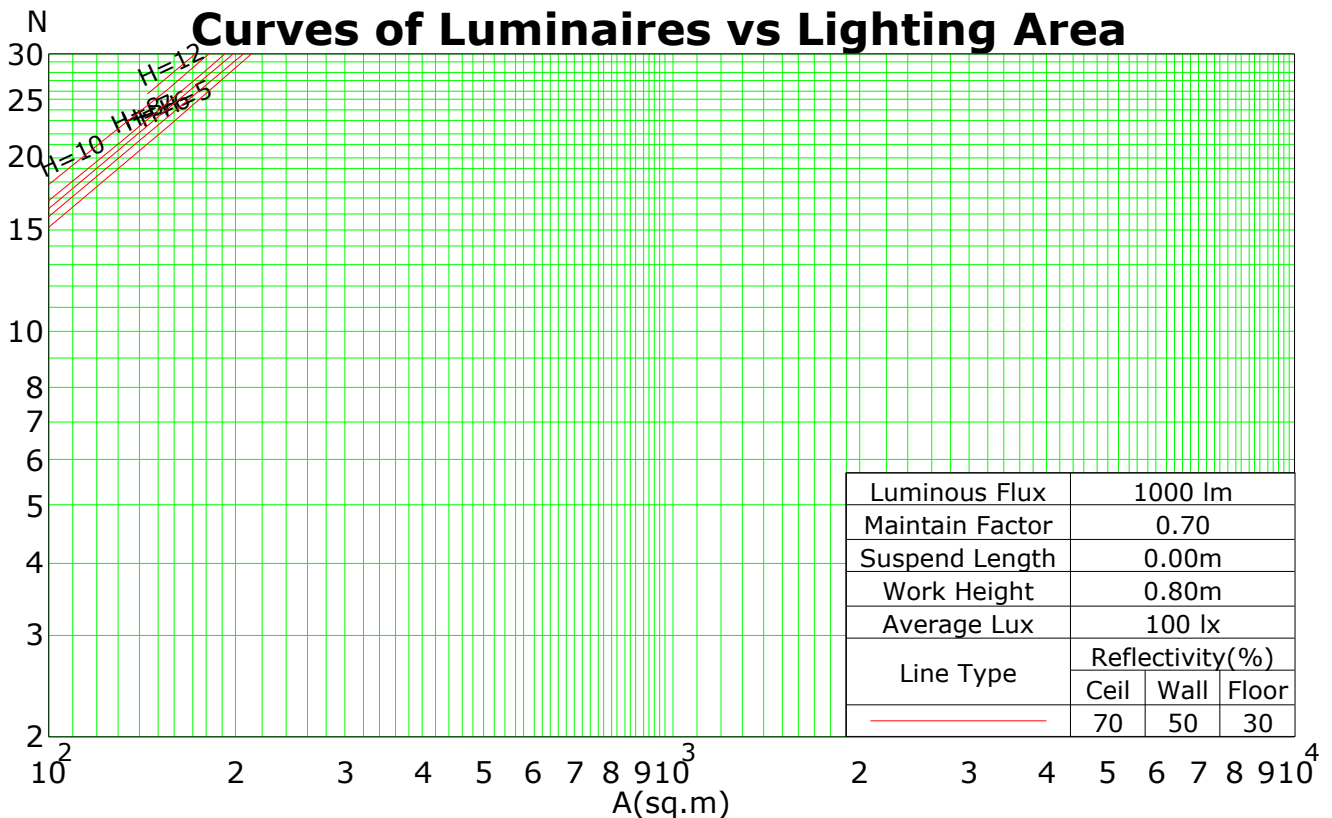
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Coefficients Of Utilization - Zonal Cavity Method

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

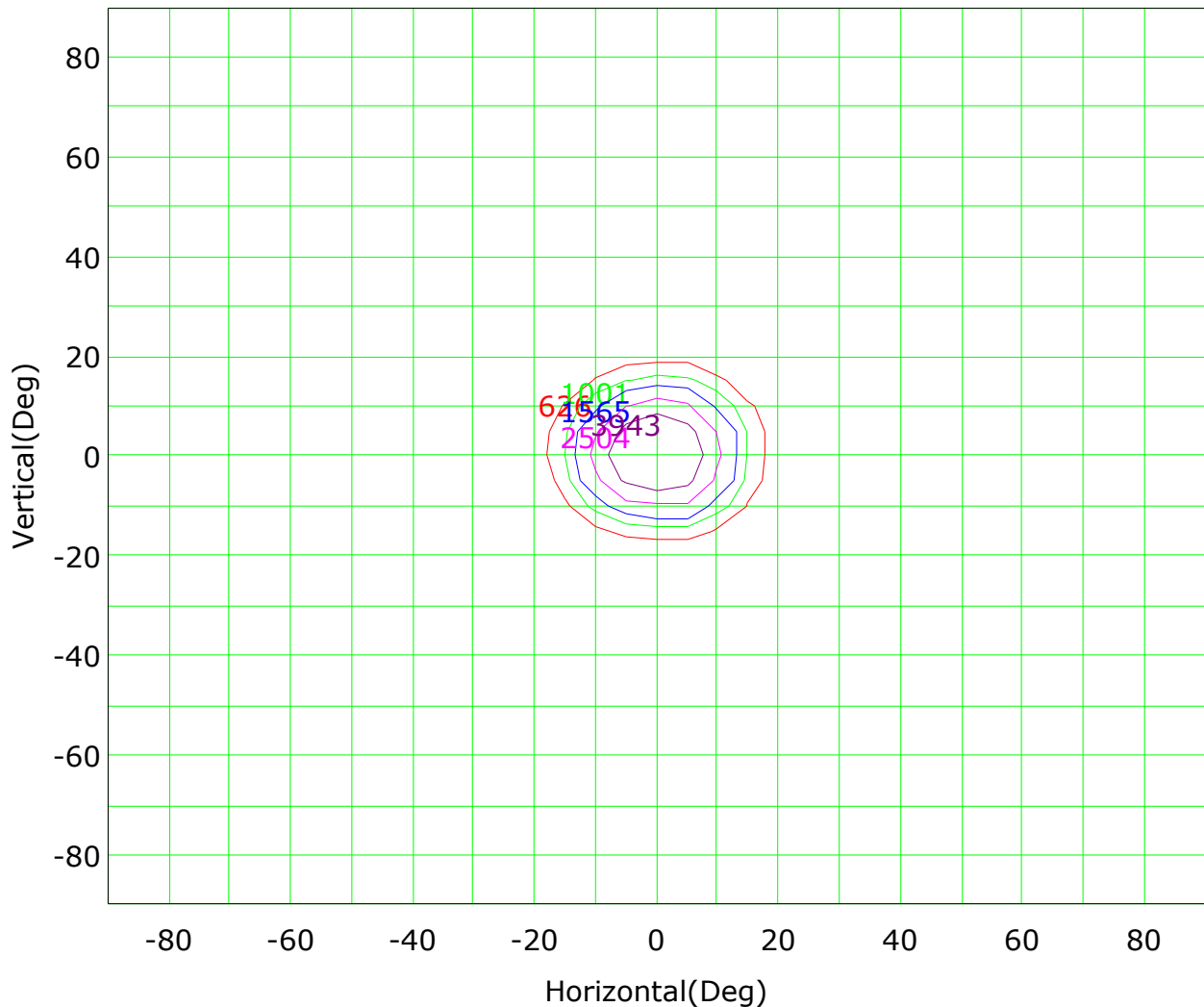
Spacing Criteria (0-180): 0.32
 Spacing Criteria (90-270): 0.32
 Spacing Criteria (Diagonal): 0.33



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Isocandela (rectangle)



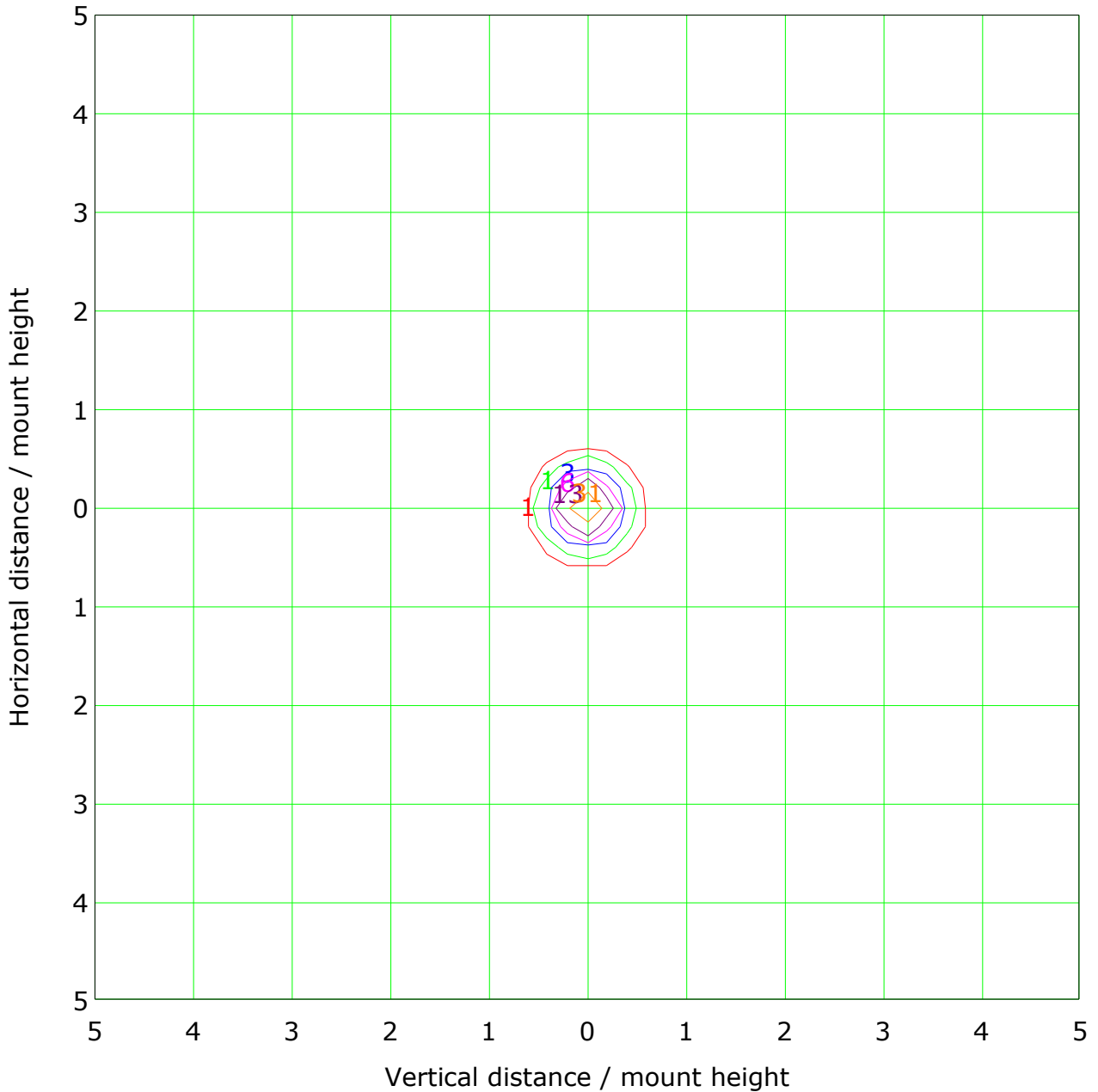
Imax (100%): 6259 cd

— (10%): 626 cd	— (16%): 1001 cd
— (25%): 1565 cd	— (40%): 2504 cd
— (63%): 3943 cd	— (100%): 6259 cd

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Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 62.6 lx

— (1%): 0.6 lx	— (2%): 1.3 lx
— (5%): 3.1 lx	— (10%): 6.3 lx
— (20%): 12.5 lx	— (50%): 31.3 lx
— (100%): 62.6 lx	

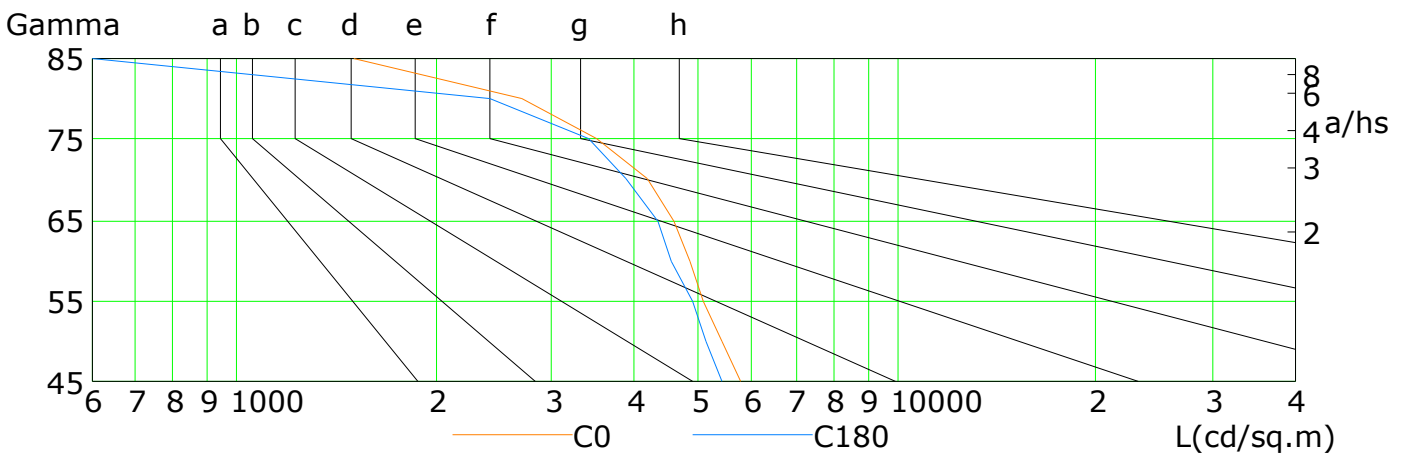
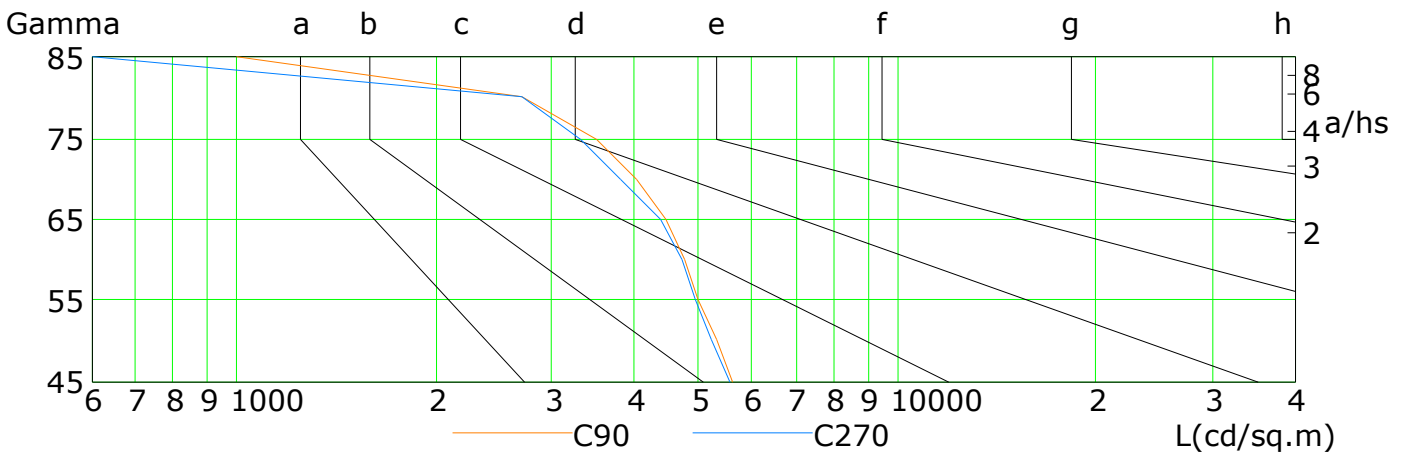
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Lum Limit Curve

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

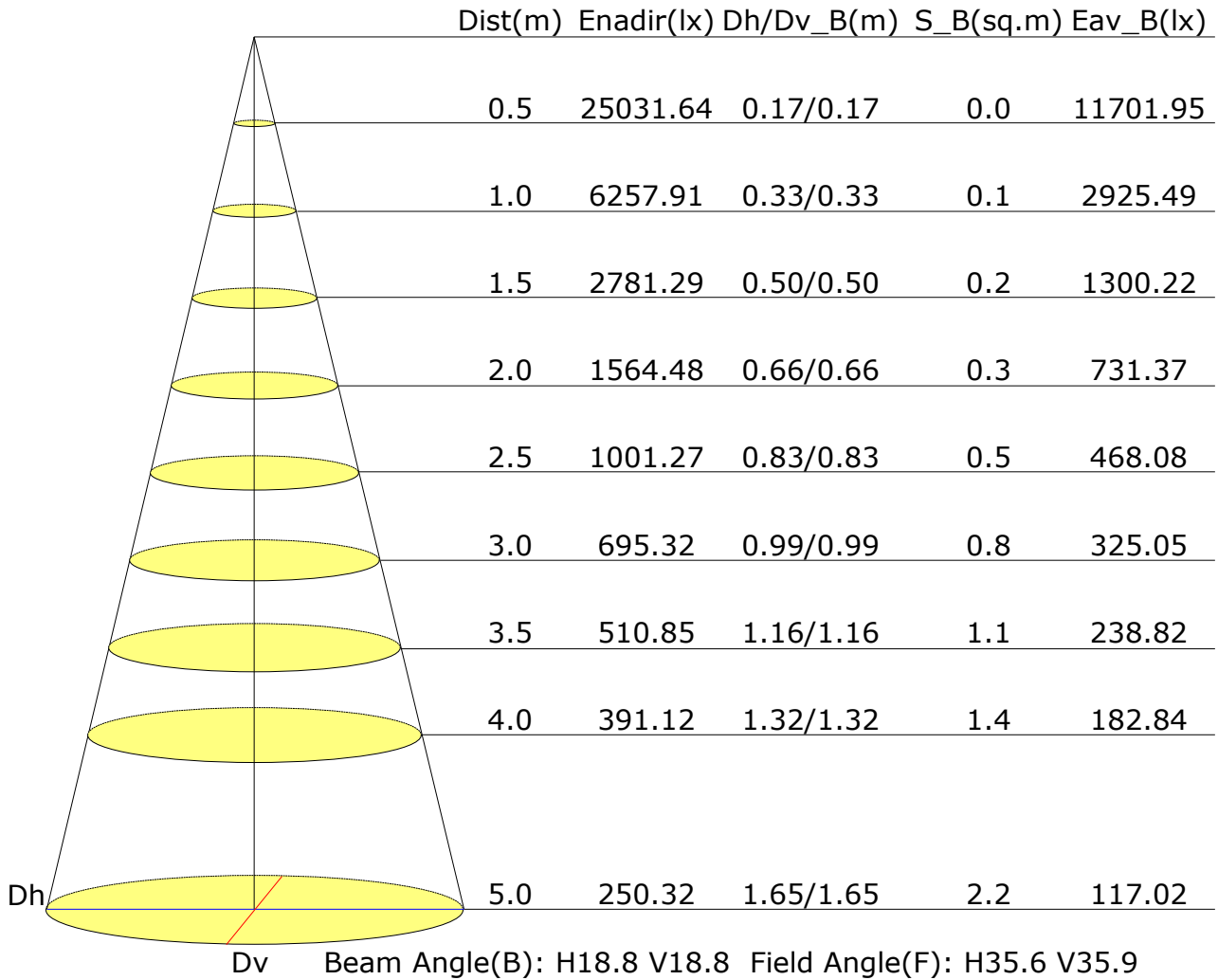


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	5784	5433	5099	4828	4574	4175	3492	2699	1500
C90	5627	5304	5004	4773	4447	4022	3492	2699	998
C180	5432	5134	4908	4557	4319	3867	3392	2418	0
C270	5550	5220	4956	4720	4383	3789	3292	2699	0

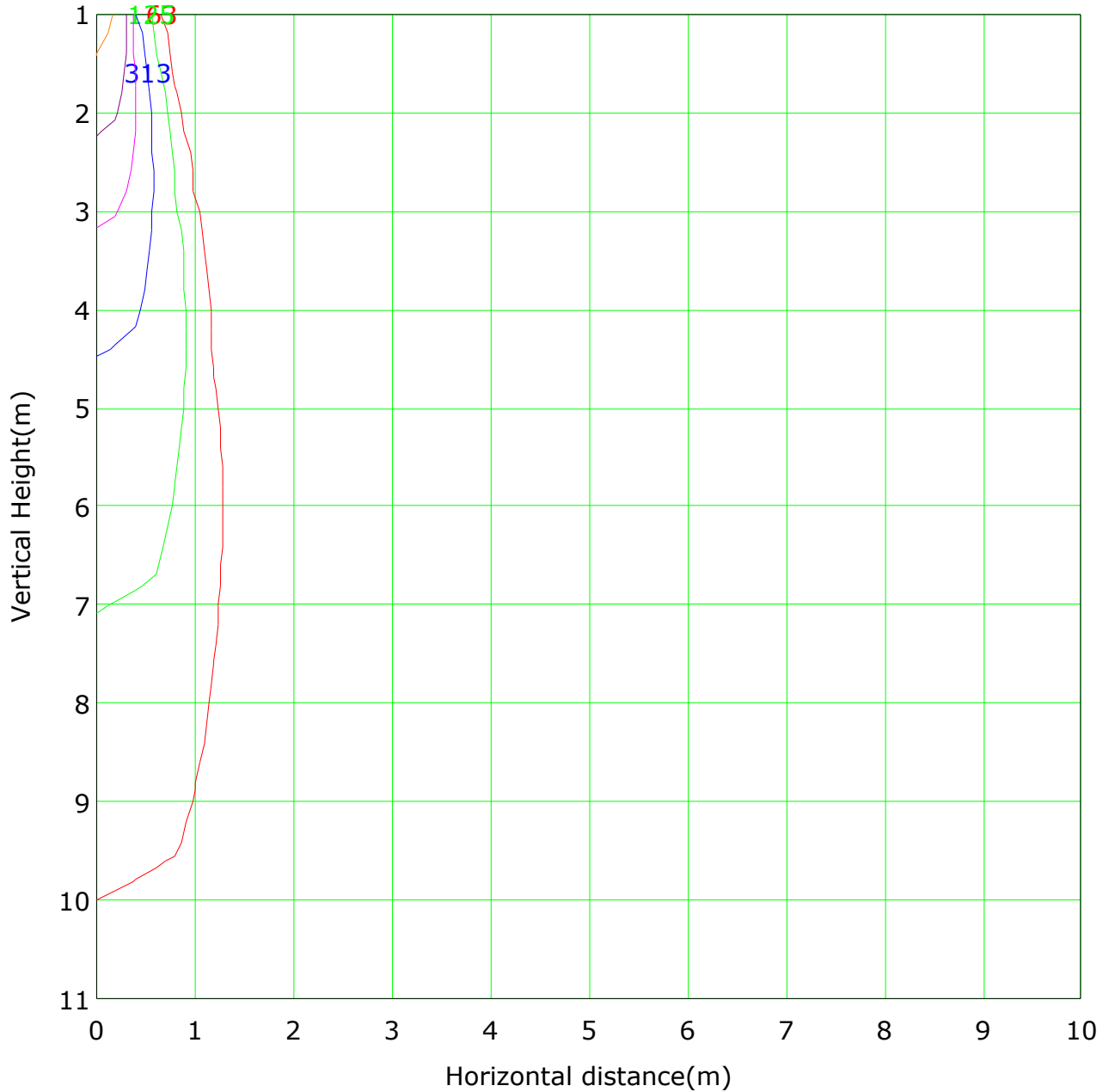
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Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 6257.9 lx
 (1%): 62.6 lx (2%): 125.2 lx
 (5%): 312.9 lx (10%): 625.8 lx
 (20%): 1251.6 lx (50%): 3129.0 lx
 (100%): 6257.9 lx

The Average Illuminance Effective Figure

