

Report No.: 1

Test Time: 2016-12-27 16:42

Luminaire Property

Luminaire Category: 0112.W.A311.6
Luminaire Description: 60061
Length (mm): 138
Height (mm): 3
Current: 0.074 A
Power Factor: 0.970

Luminaire Manufacturer: Brasled
Width (mm): 138
Voltage: 230.1 V
Power: 16.51 W

Photometric Results

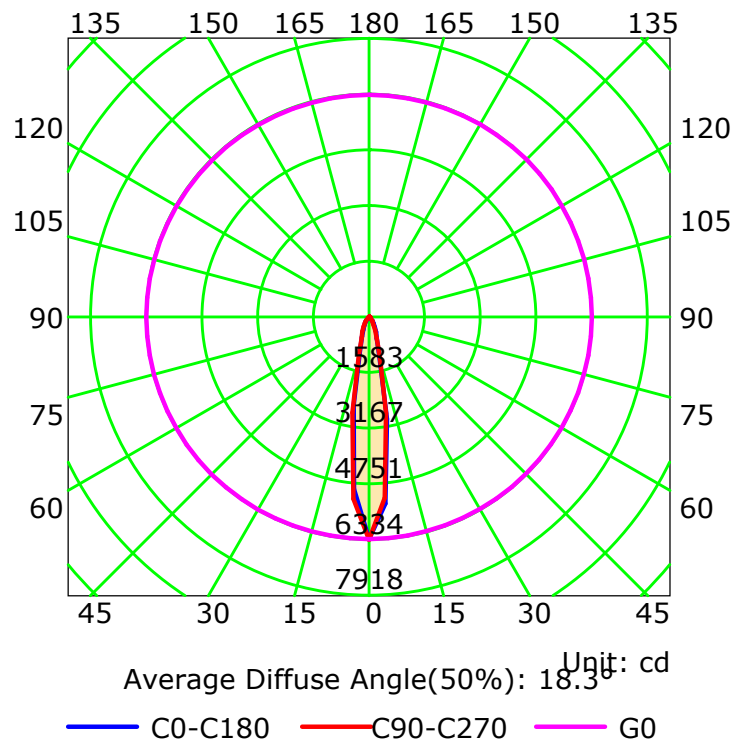
CIE Class: Direct
Measurement Flux: 1203.2 lm
Downward Ratio: 100%
Field Angle: H40.2 V40.5
Luminaire Efficacy Rating (LER): 73
Max. Intensity: 6334.78 cd

Total Rated Lamp Lumens: 1203.2 lm
Efficiency: 100%
Upward Ratio: 0%
Beam Angle: H18.3 V18.4
Central Intensity: 6317.35 cd
Pos of Max. Intensity: H90 V0

Picture Of Luminaire



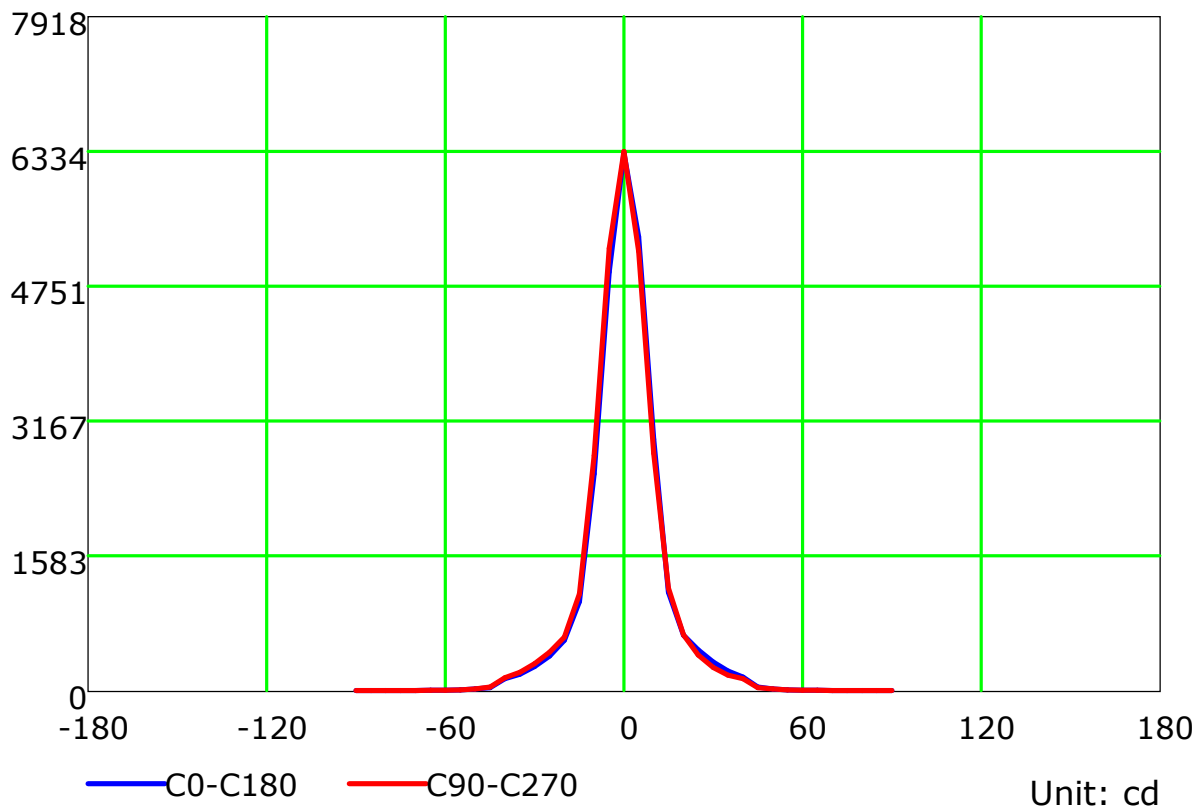
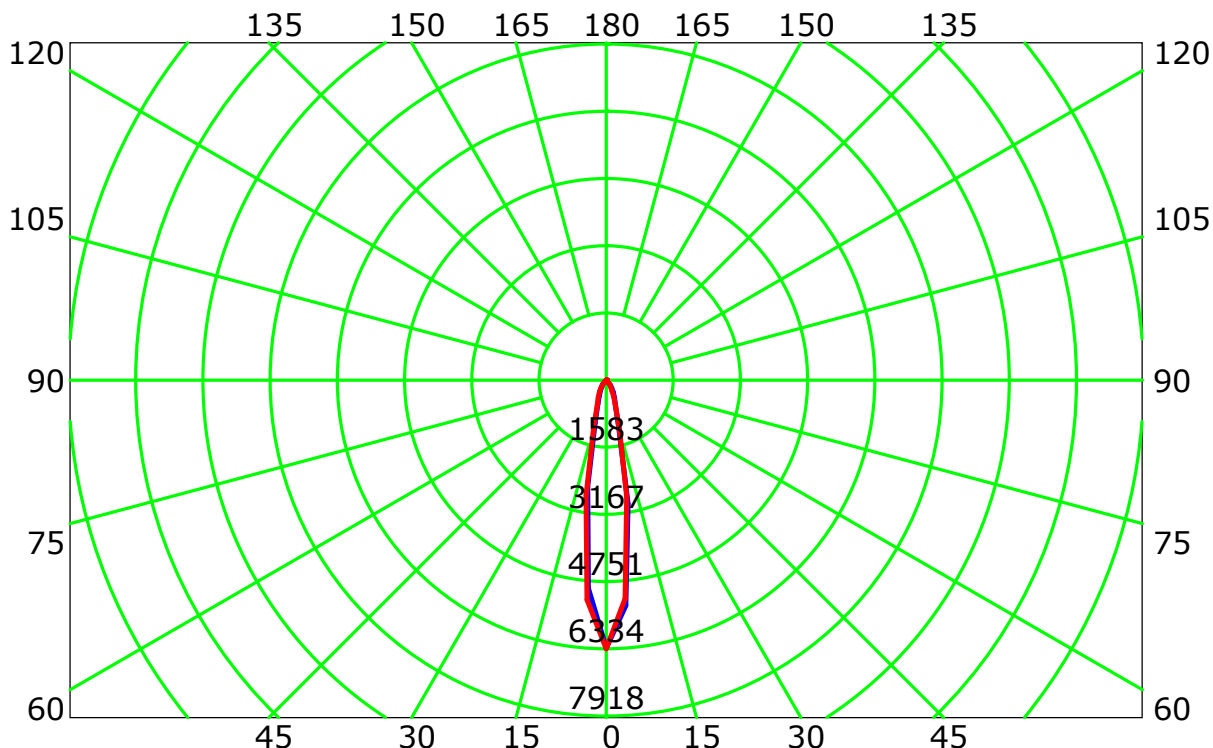
Luminous Intensity Distribution Curve



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



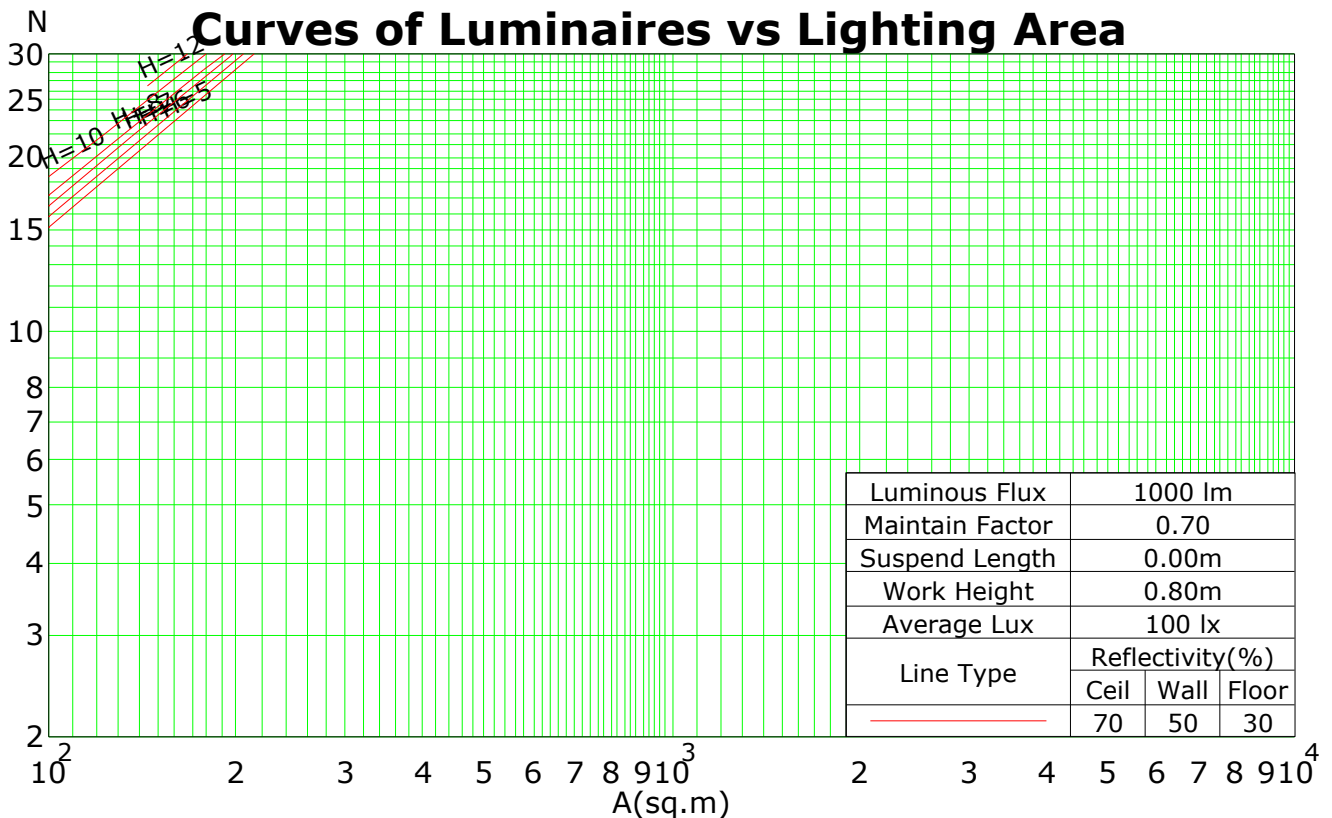
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Coefficients Of Utilization - Zonal Cavity Method

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	115	112	110	108	112	110	108	107	106	105	103	102	101	100	99	98	97	96
2	110	106	103	100	108	105	102	99	101	99	97	98	97	95	96	94	93	91
3	106	101	97	94	104	100	96	93	97	94	92	95	92	90	93	91	89	87
4	102	96	92	88	101	95	91	88	93	90	87	91	88	86	89	87	85	84
5	99	92	87	84	97	91	87	84	90	86	83	88	85	82	87	84	82	80
6	95	88	84	80	94	88	83	80	86	82	79	85	82	79	84	81	78	77
7	92	85	80	77	91	84	80	77	83	79	76	82	79	76	81	78	76	75
8	89	82	77	74	88	81	77	74	80	76	74	79	76	73	79	75	73	72
9	87	79	75	71	86	79	74	71	78	74	71	77	73	71	76	73	71	70
10	84	77	72	69	83	76	72	69	75	72	69	75	71	69	74	71	69	68

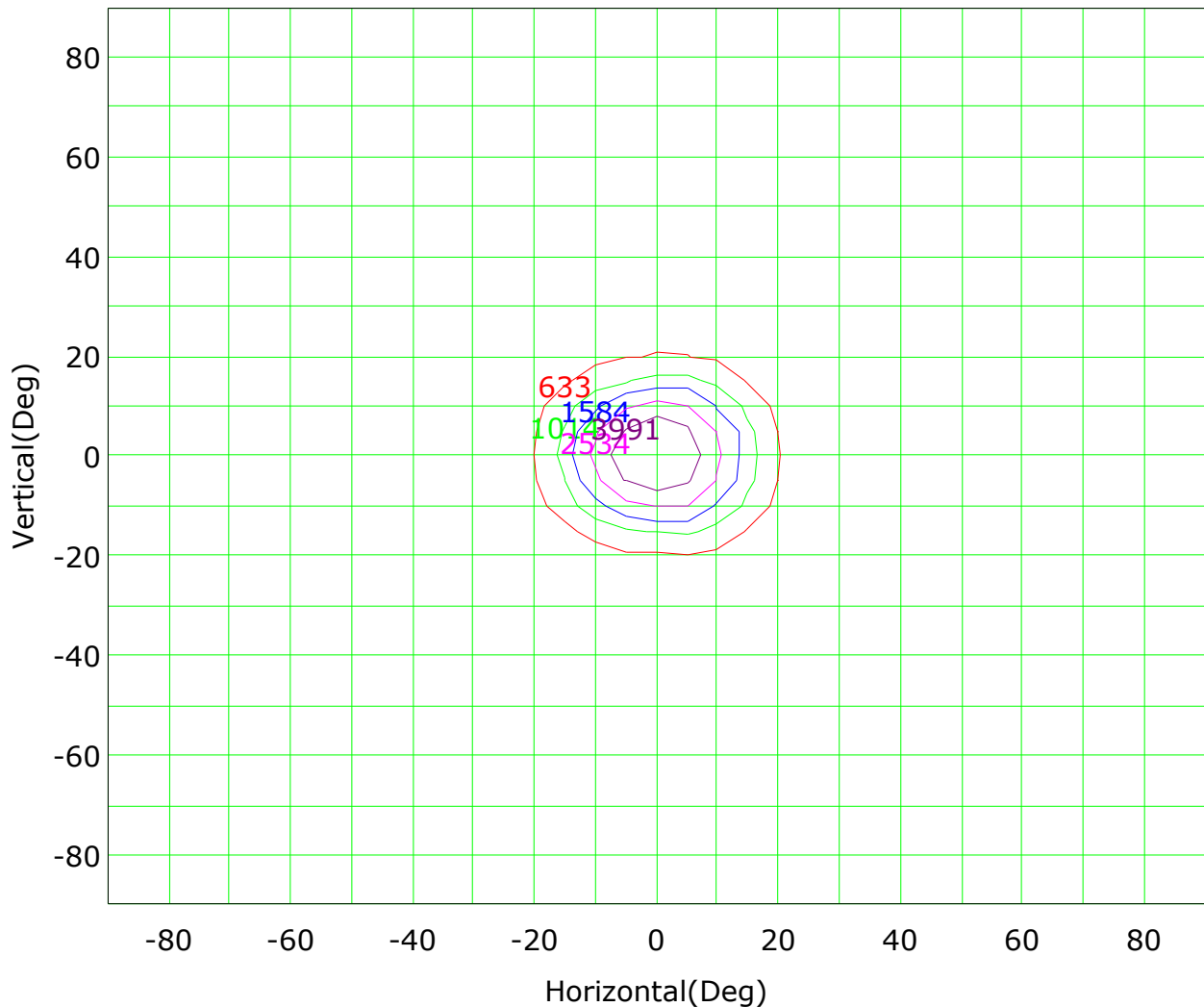
Spacing Criteria (0-180): 0.31
 Spacing Criteria (90-270): 0.31
 Spacing Criteria (Diagonal): 0.33



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Isocandela (rectangle)



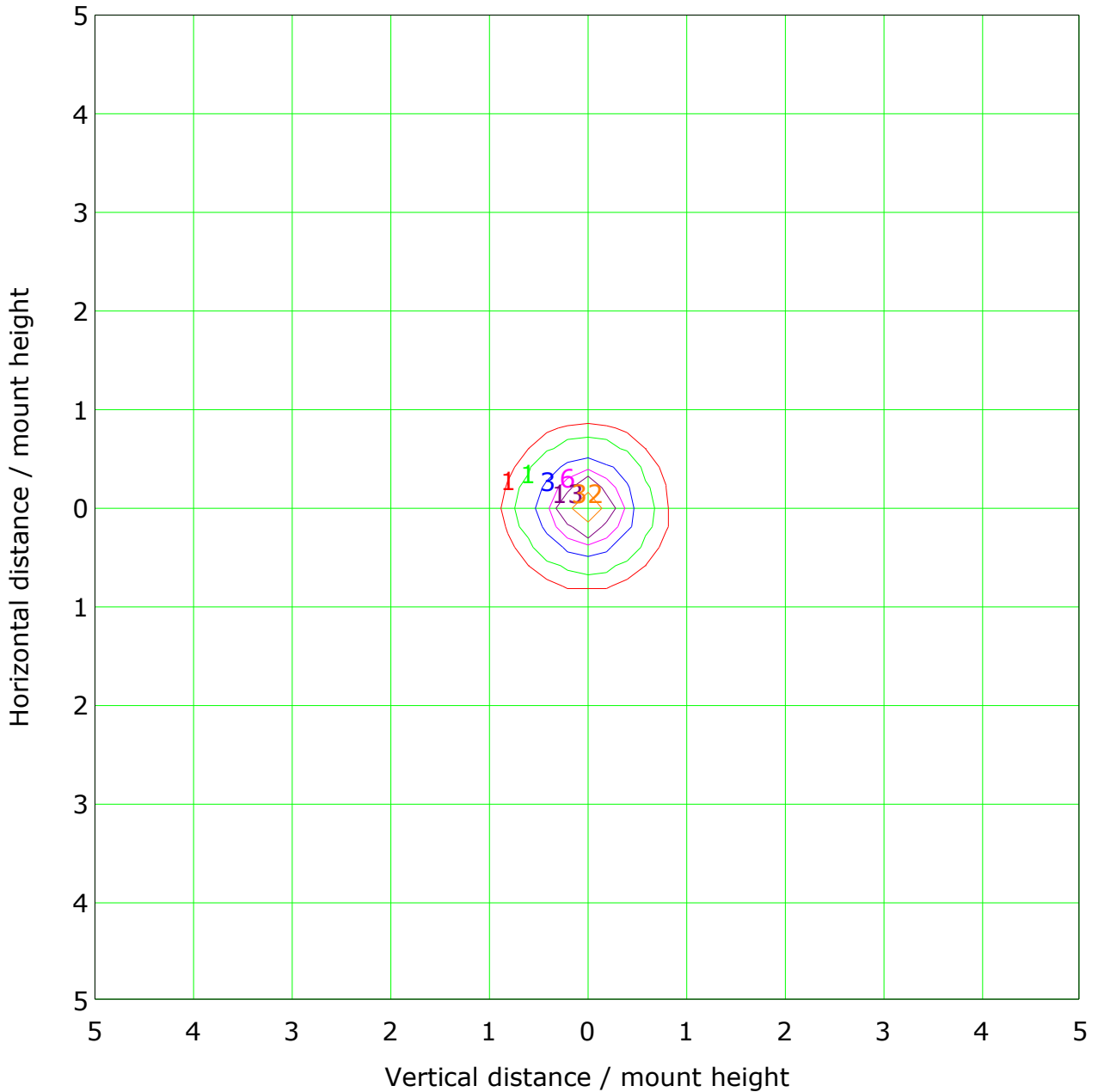
Imax (100%): 6335 cd

- | | |
|-------------------|-------------------|
| — (10%): 633 cd | — (16%): 1014 cd |
| — (25%): 1584 cd | — (40%): 2534 cd |
| — (63%): 3991 cd | — (100%): 6335 cd |

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IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 63.3 lx	
— (1%):	0.6 lx	— (2%):	1.3 lx
— (5%):	3.2 lx	— (10%):	6.3 lx
— (20%):	12.7 lx	— (50%):	31.7 lx
— (100%):	63.3 lx		

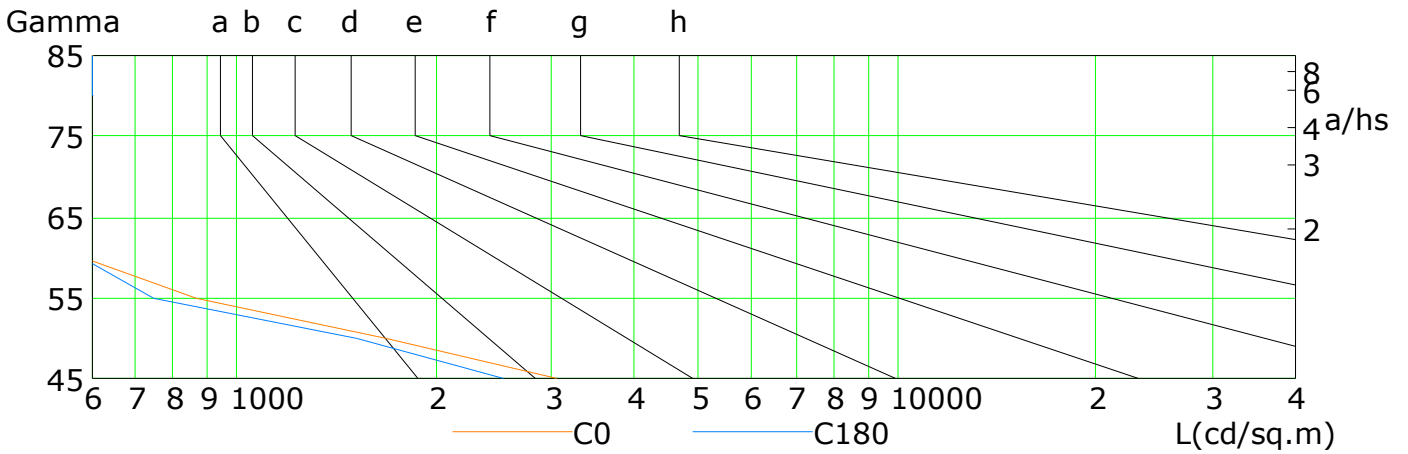
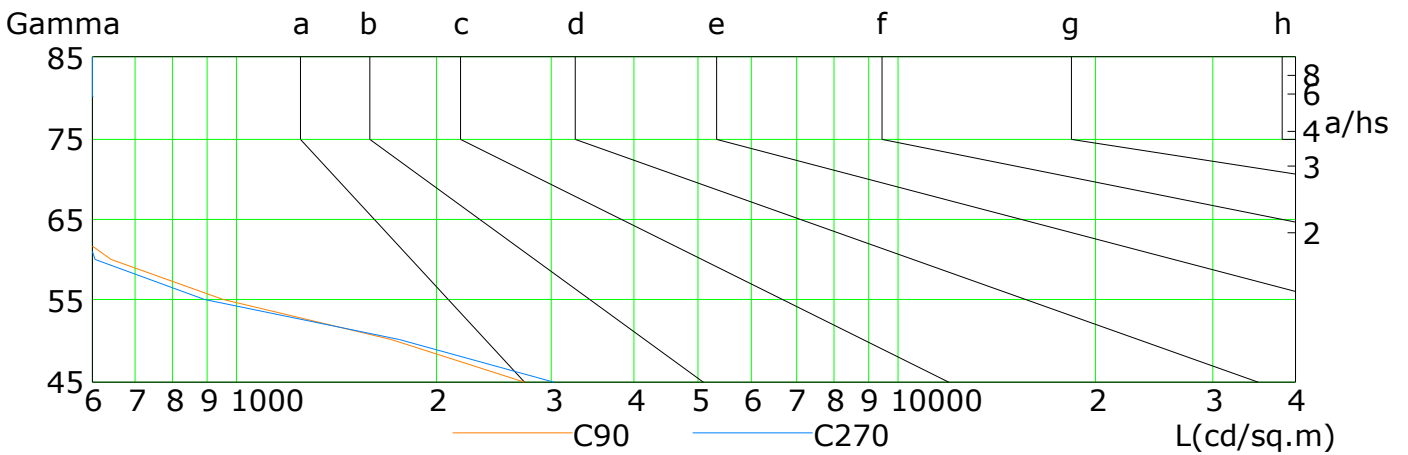
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Lum Limit Curve

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

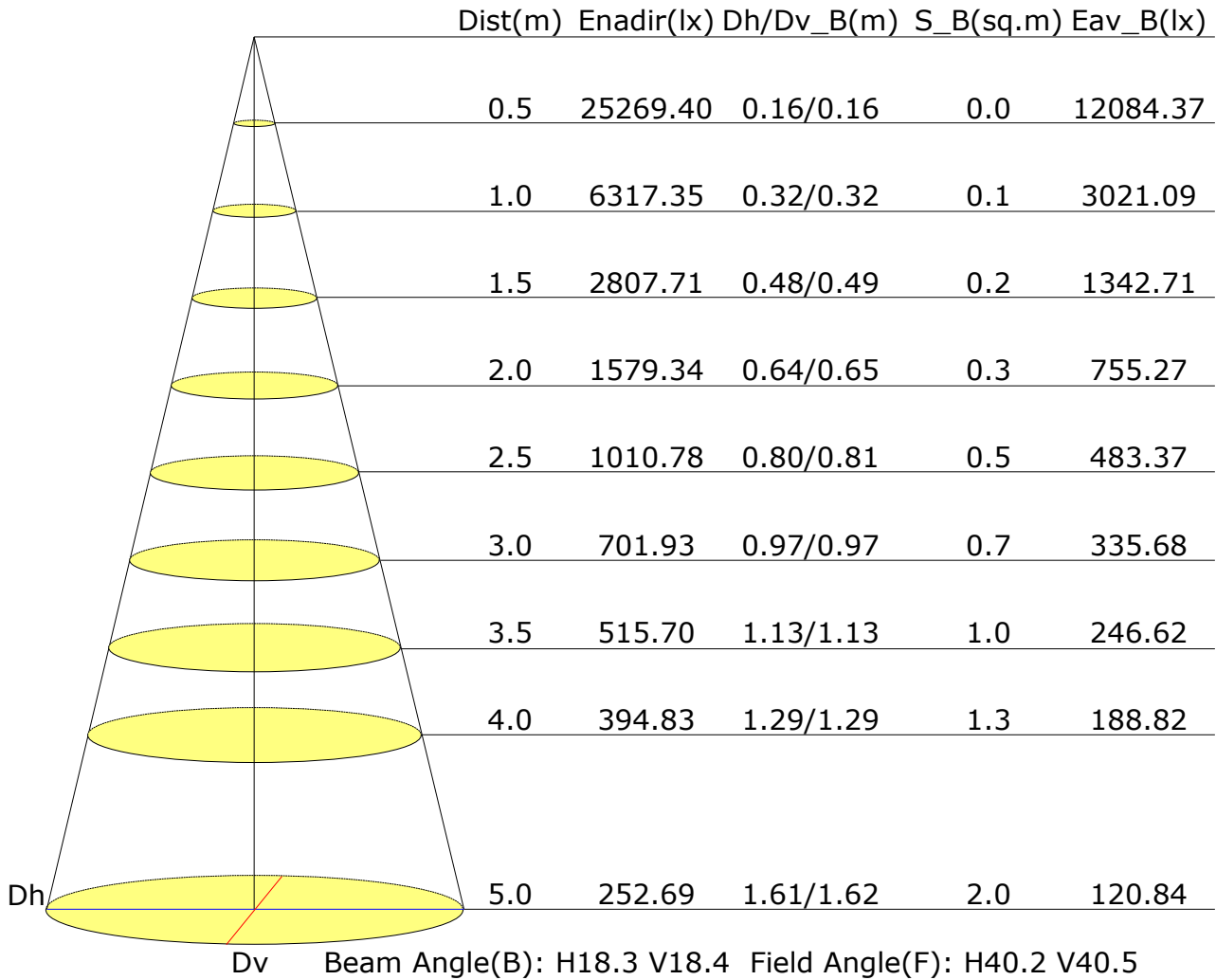


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	3045	1681	863	577	477	535	503	361	0
C90	2728	1708	952	645	518	438	503	180	0
C180	2533	1521	744	577	518	535	503	0	0
C270	3021	1761	892	610	557	535	503	0	0

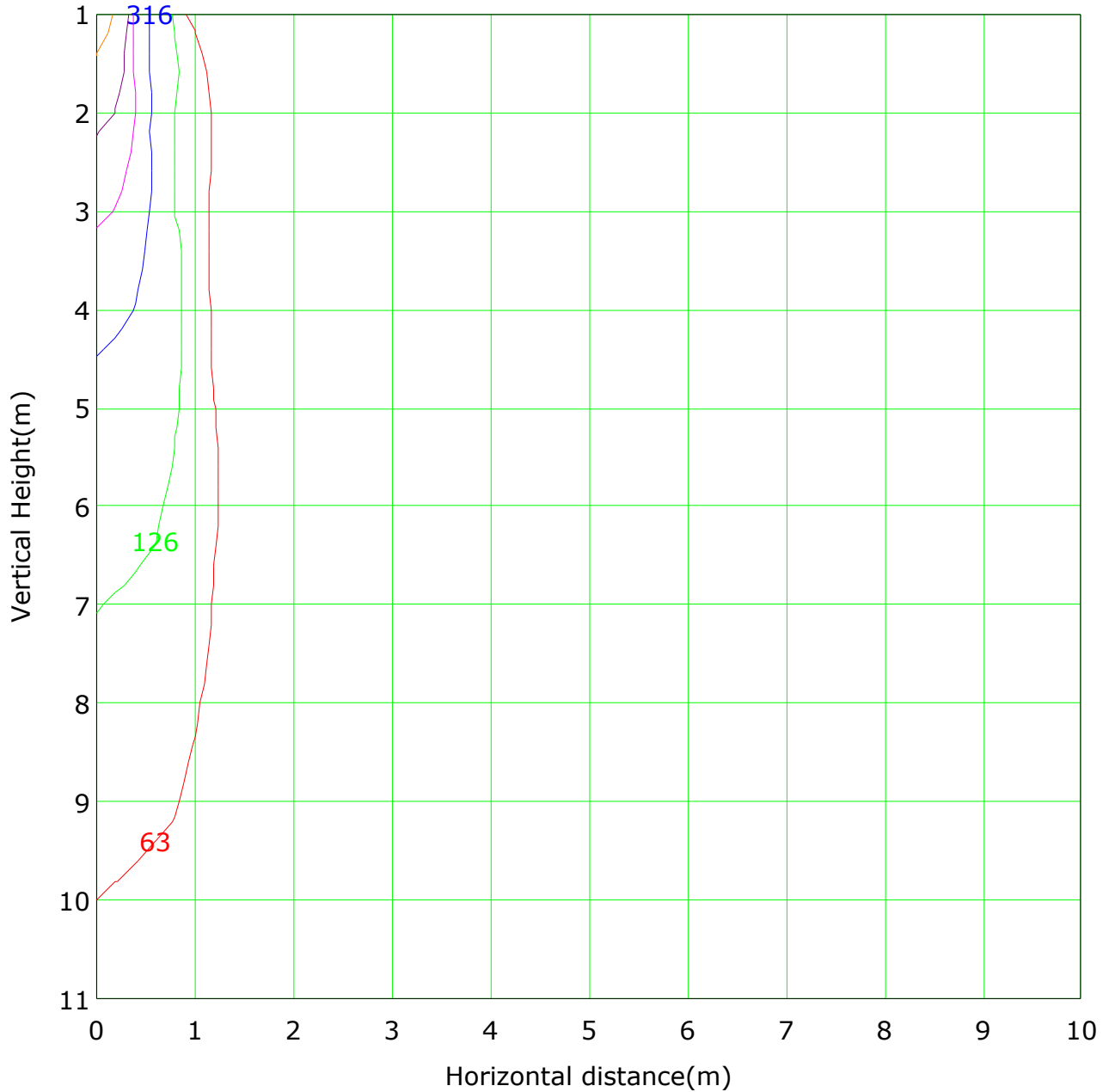
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Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 6317.4 lx

— (1%): 63.2 lx	— (2%): 126.3 lx
— (5%): 315.9 lx	— (10%): 631.7 lx
— (20%): 1263.5 lx	— (50%): 3158.7 lx
— (100%): 6317.4 lx	

The Average Illuminance Effective Figure

