

Report No.: 1

Test Time: 2016-12-27 17:16

Luminaire Property

Luminaire Category: 0112.W.A331.6
Luminaire Description: 60062
Length (mm): 138
Height (mm): 3
Current: 0.074 A
Power Factor: 0.968

Luminaire Manufacturer: Brasled
Width (mm): 138
Voltage: 230.1 V
Power: 16.58 W

Photometric Results

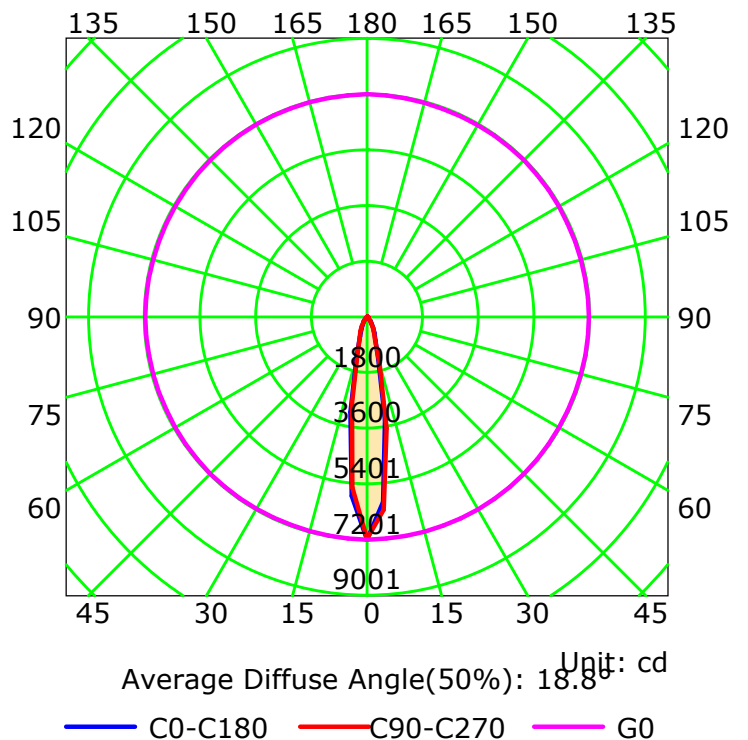
CIE Class: Direct
Measurement Flux: 1400.1 lm
Downward Ratio: 100%
Field Angle: H41.7 V41.3
Luminaire Efficacy Rating (LER): 84
Max. Intensity: 7201.5 cd

Total Rated Lamp Lumens: 1400.1 lm
Efficiency: 100%
Upward Ratio: 0%
Beam Angle: H18.7 V18.8
Central Intensity: 7201.5 cd
Pos of Max. Intensity: H0 V0

Picture Of Luminaire



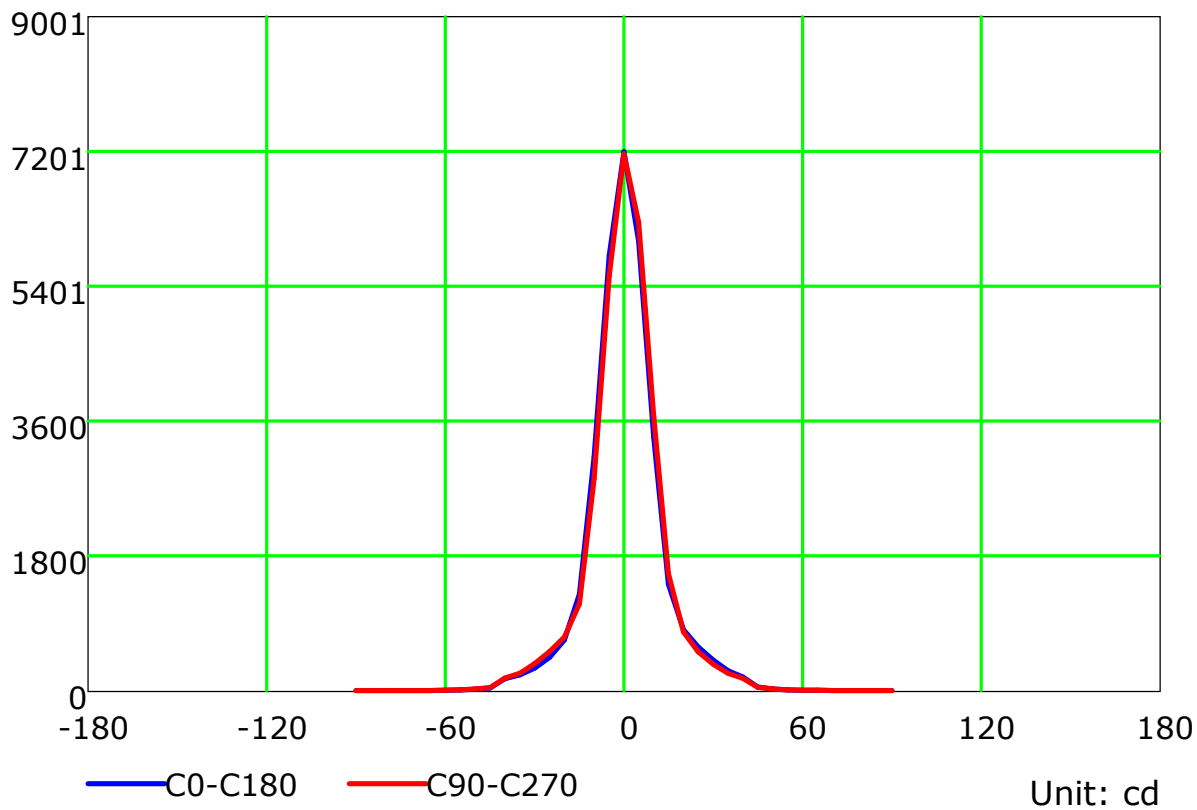
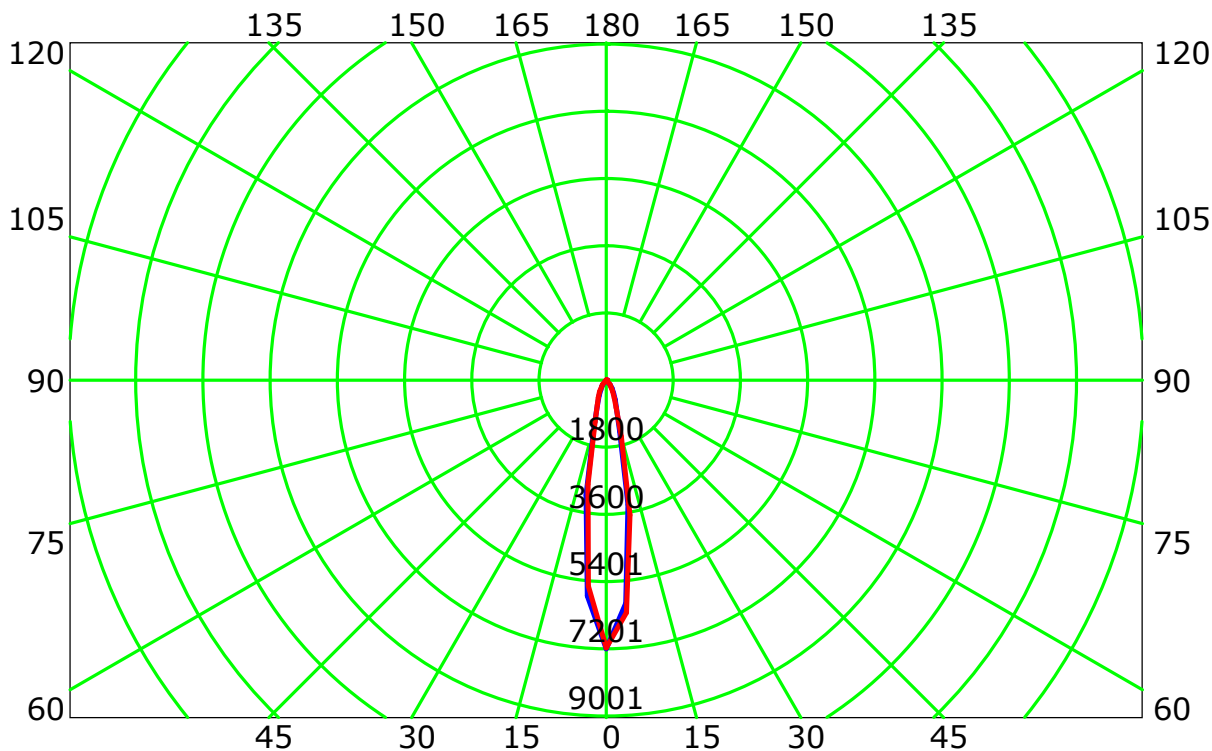
Luminous Intensity Distribution Curve



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



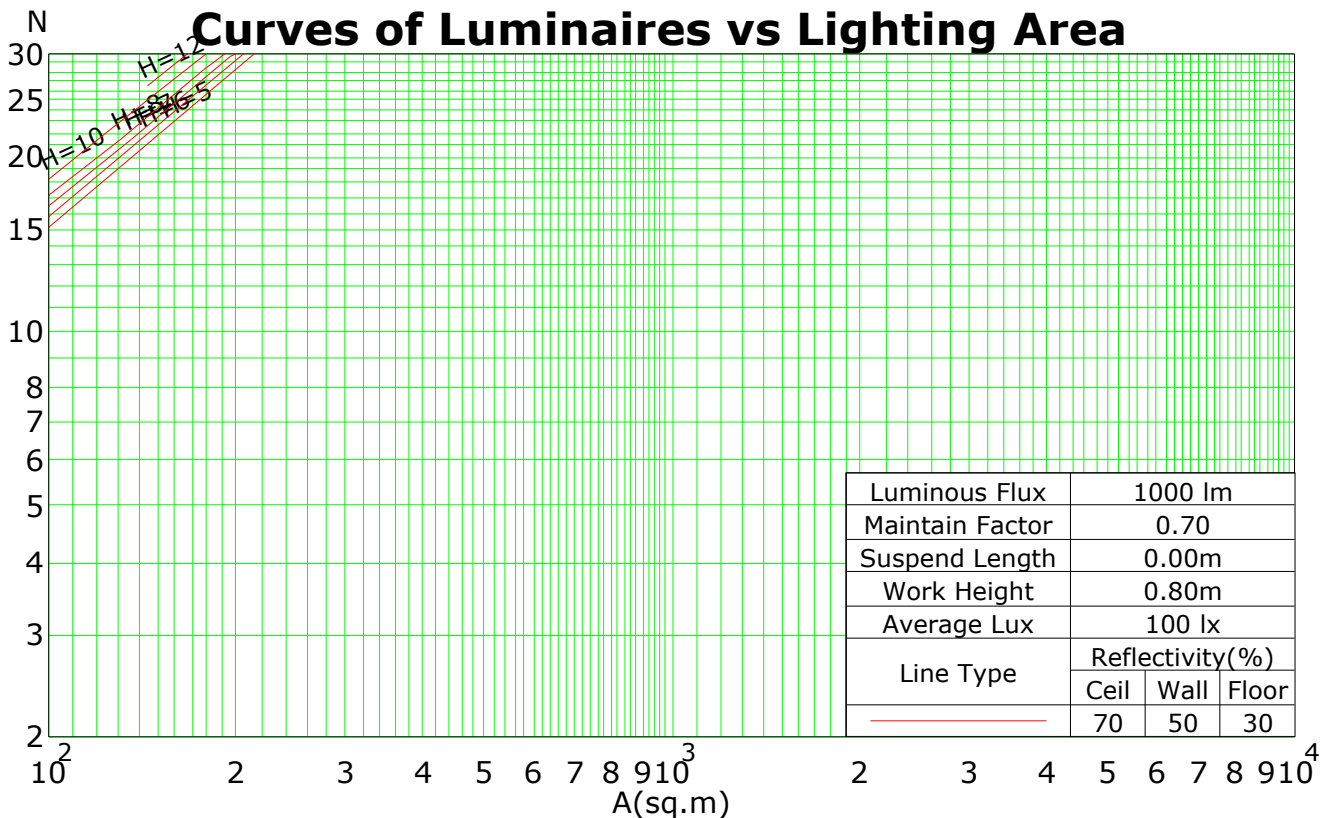
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Coefficients Of Utilization - Zonal Cavity Method

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	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	99	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	89	101	95	91	88	93	90	87	91	88	86	90	87	85	84
5	99	92	88	84	97	91	87	84	90	86	83	88	85	82	87	84	82	81
6	95	88	84	80	94	88	83	80	86	82	80	85	82	79	84	81	79	77
7	92	85	80	77	91	84	80	77	83	79	77	82	79	76	81	78	76	75
8	89	82	77	74	88	81	77	74	81	77	74	80	76	73	79	76	73	72
9	87	79	75	72	86	79	74	71	78	74	71	77	74	71	76	73	71	70
10	84	77	72	69	83	76	72	69	76	72	69	75	71	69	74	71	69	68

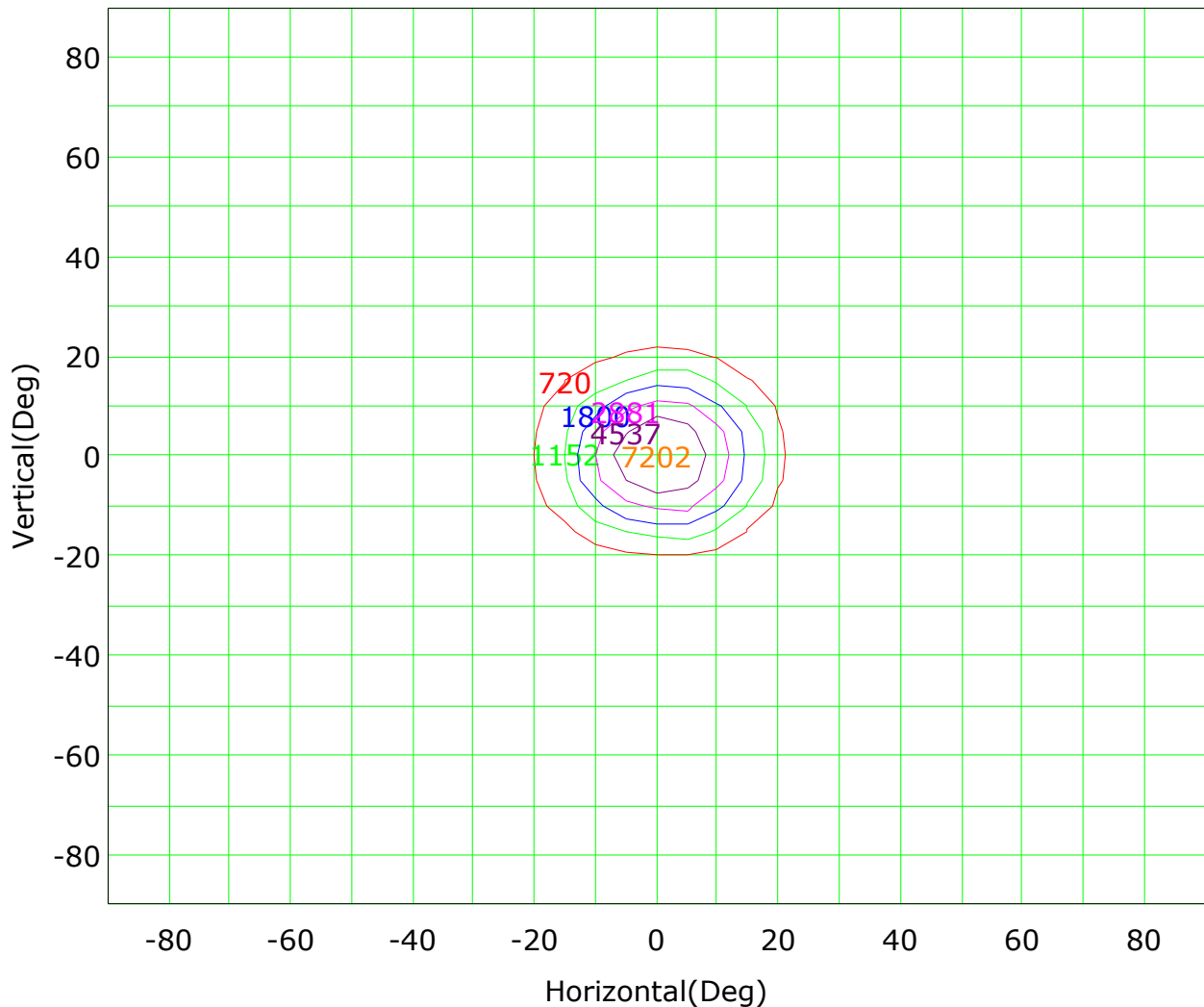
Spacing Criteria (0-180): 0.32
 Spacing Criteria (90-270): 0.32
 Spacing Criteria (Diagonal): 0.34



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Isocandela (rectangle)



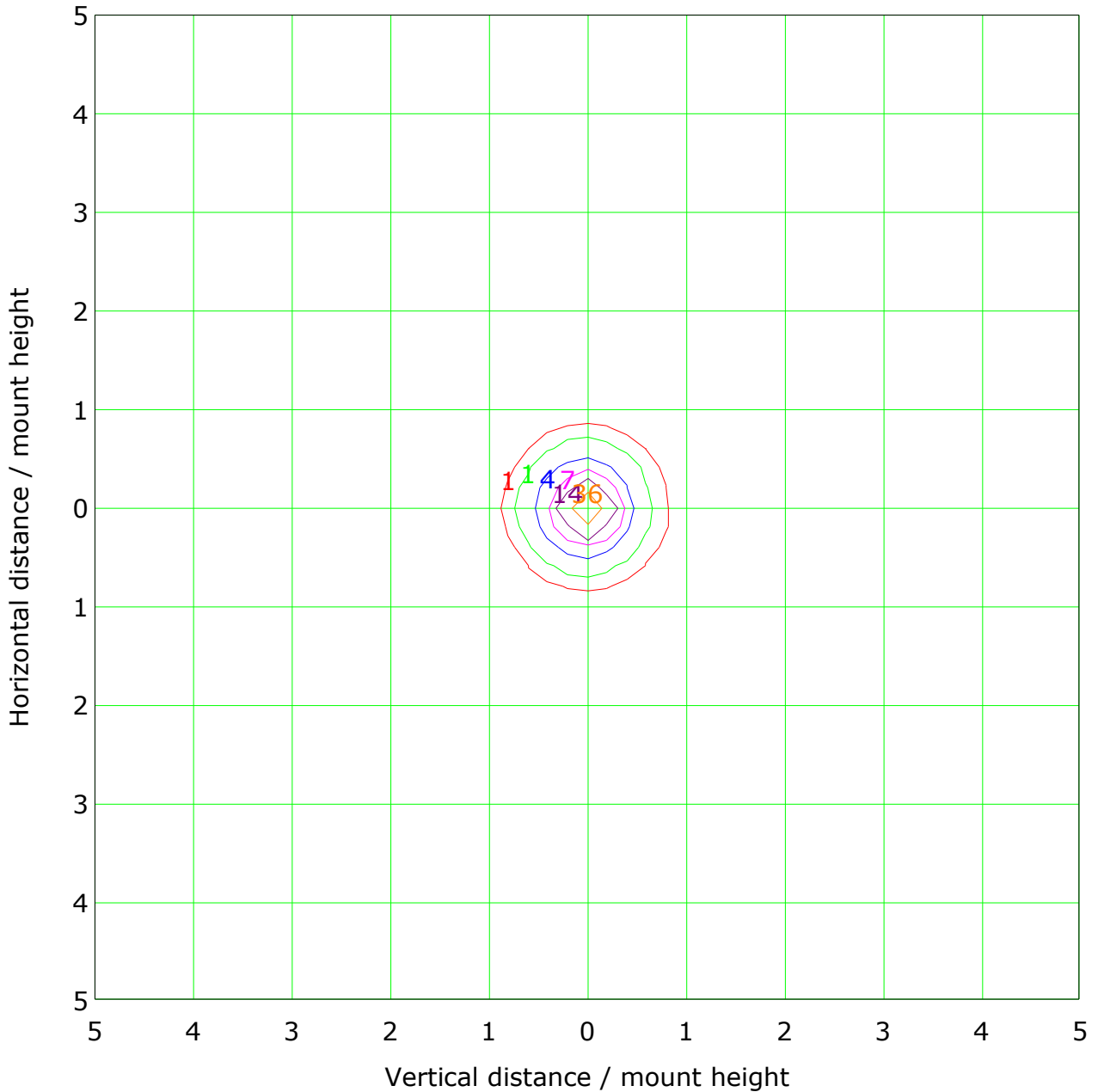
Imax (100%): 7202 cd

- | | |
|-------------------|-------------------|
| — (10%): 720 cd | — (16%): 1152 cd |
| — (25%): 1800 cd | — (40%): 2881 cd |
| — (63%): 4537 cd | — (100%): 7202 cd |

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IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 72.0 lx	
— (1%):	0.7 lx	— (2%):	1.4 lx
— (5%):	3.6 lx	— (10%):	7.2 lx
— (20%):	14.4 lx	— (50%):	36.0 lx
— (100%):	72.0 lx		

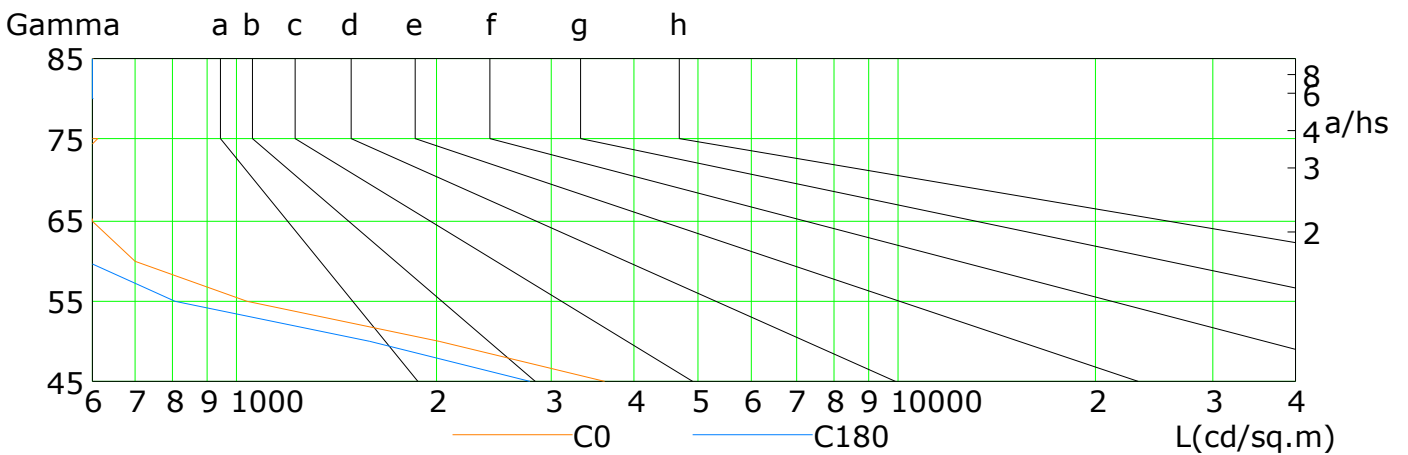
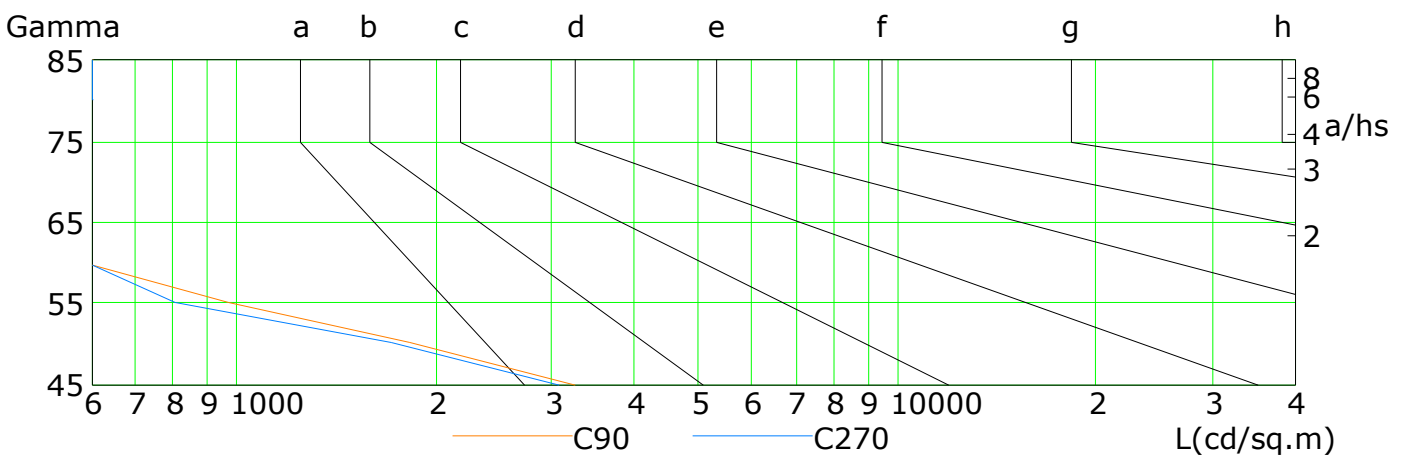
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Lum Limit Curve

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

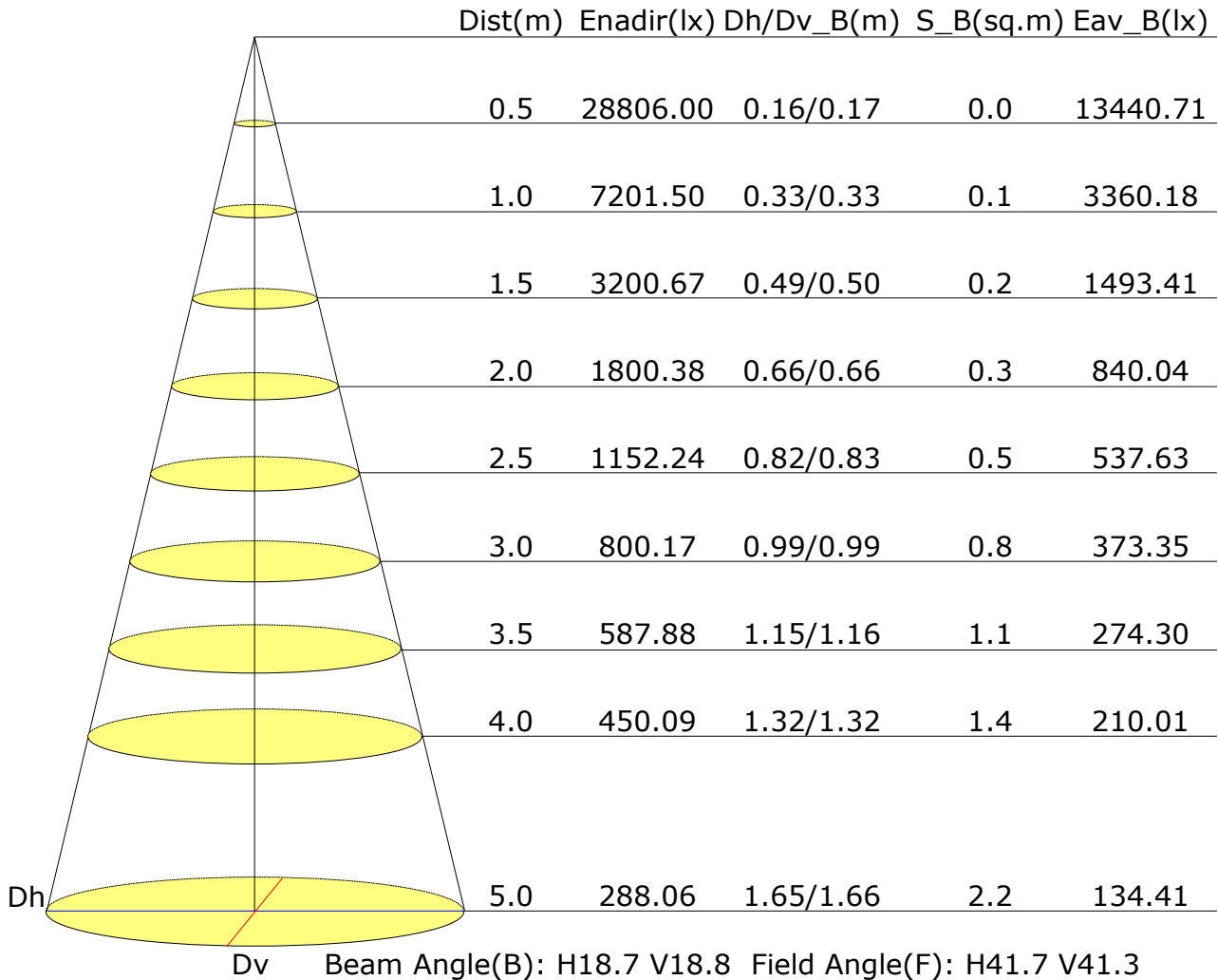


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	3611	2022	1031	697	603	526	612	390	0
C90	3242	1820	966	587	559	472	544	390	0
C180	2768	1589	805	587	387	420	409	0	0
C270	3084	1704	805	587	431	472	544	0	0

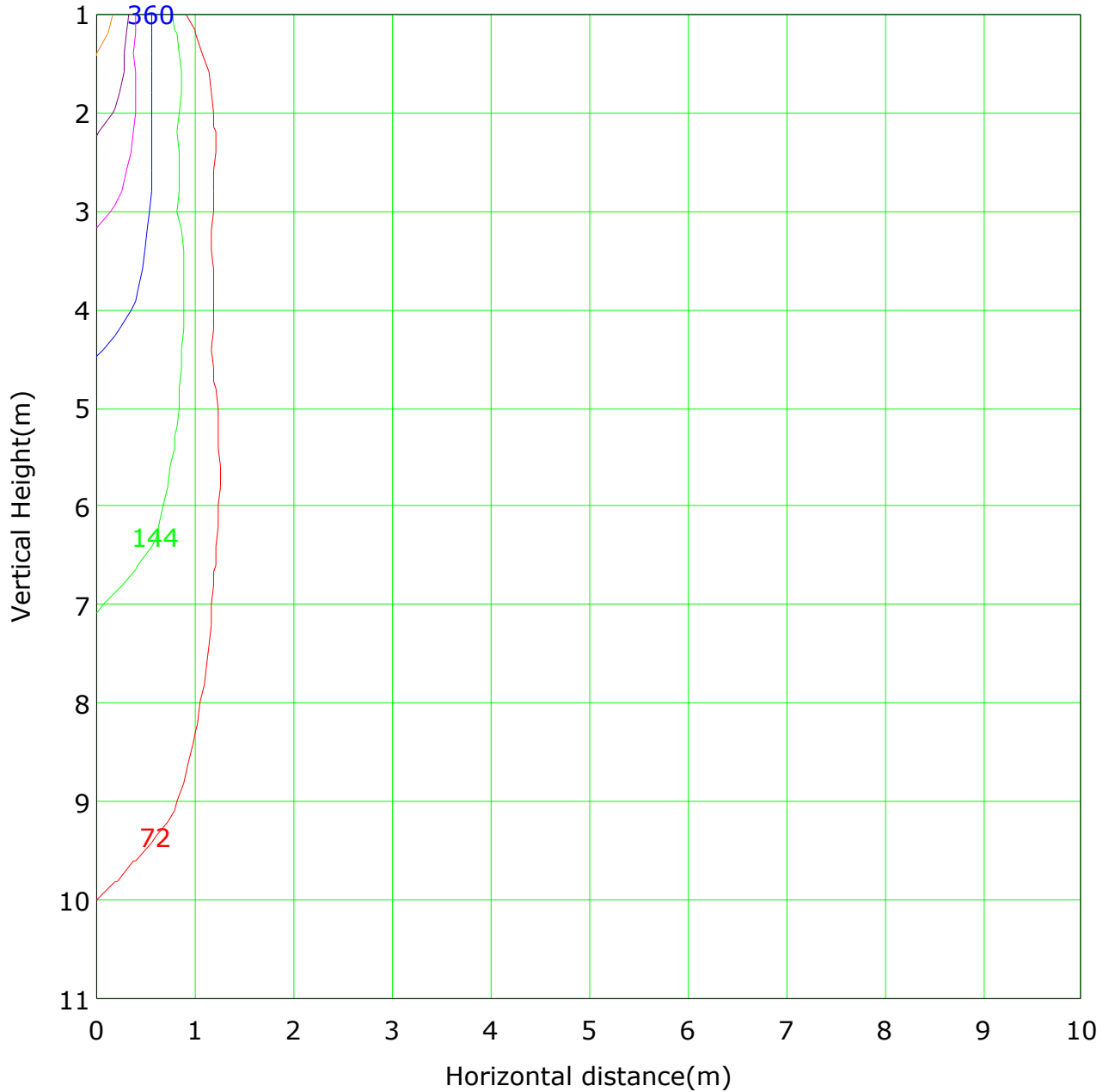
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Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 7201.5 lx
 (1%): 72.0 lx (2%): 144.0 lx
 (5%): 360.1 lx (10%): 720.1 lx
 (20%): 1440.3 lx (50%): 3600.8 lx
 (100%): 7201.5 lx

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The Average Illuminance Effective Figure

