

Report No.: 1

Test Time: 2016-12-28 16:06

Luminaire Property

Luminaire Category: 0114.W.U341.6
Luminaire Description: 60067
Length (mm): 136
Height (mm): 3
Current: 0.067 A
Power Factor: 0.983

Luminaire Manufacturer: Brasled
Width (mm): 136
Voltage: 230.1 V
Power: 15.13 W

Photometric Results

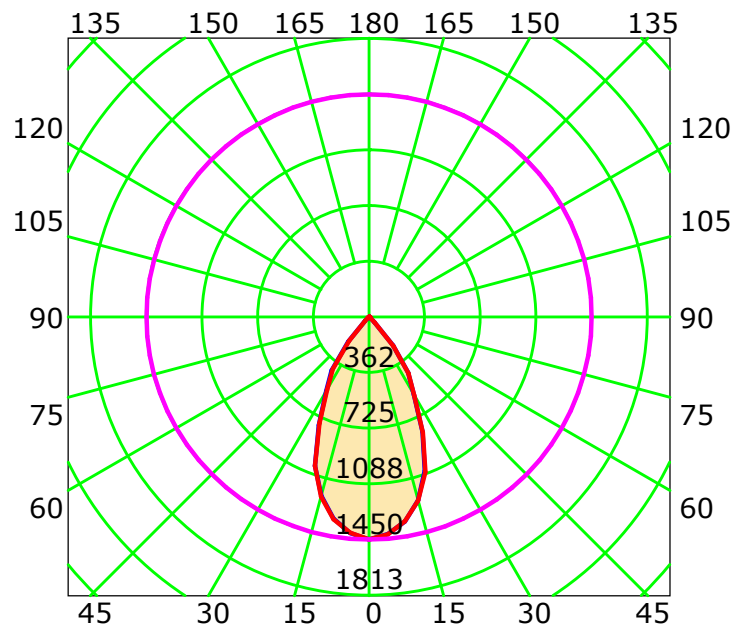
CIE Class: Direct
Measurement Flux: 1174.3 lm
Downward Ratio: 100%
Field Angle: H84.5 V84.4
Luminaire Efficacy Rating (LER): 78
Max. Intensity: 1450.71 cd

Total Rated Lamp Lumens: 1174.3 lm
Efficiency: 100%
Upward Ratio: 0%
Beam Angle: H53.3 V53.1
Central Intensity: 1450.71 cd
Pos of Max. Intensity: H0 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



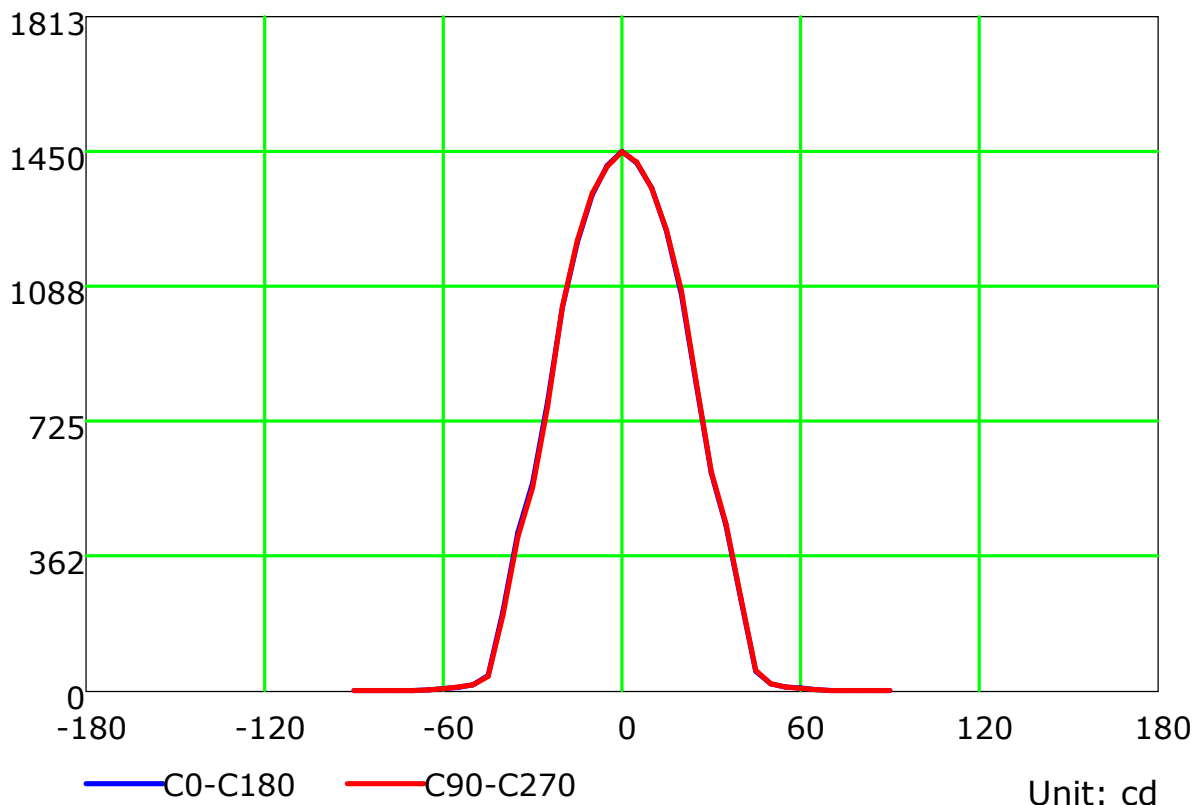
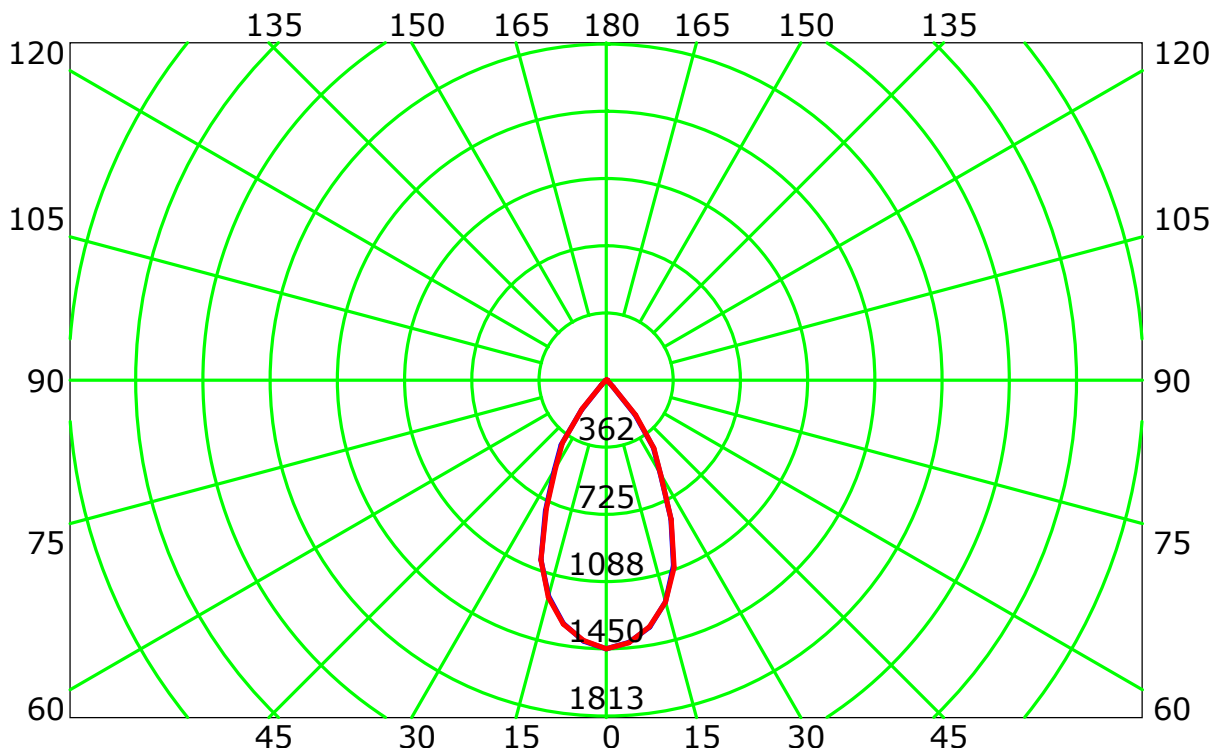
Average Diffuse Angle(50%): 53.2° Unit: cd

— 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



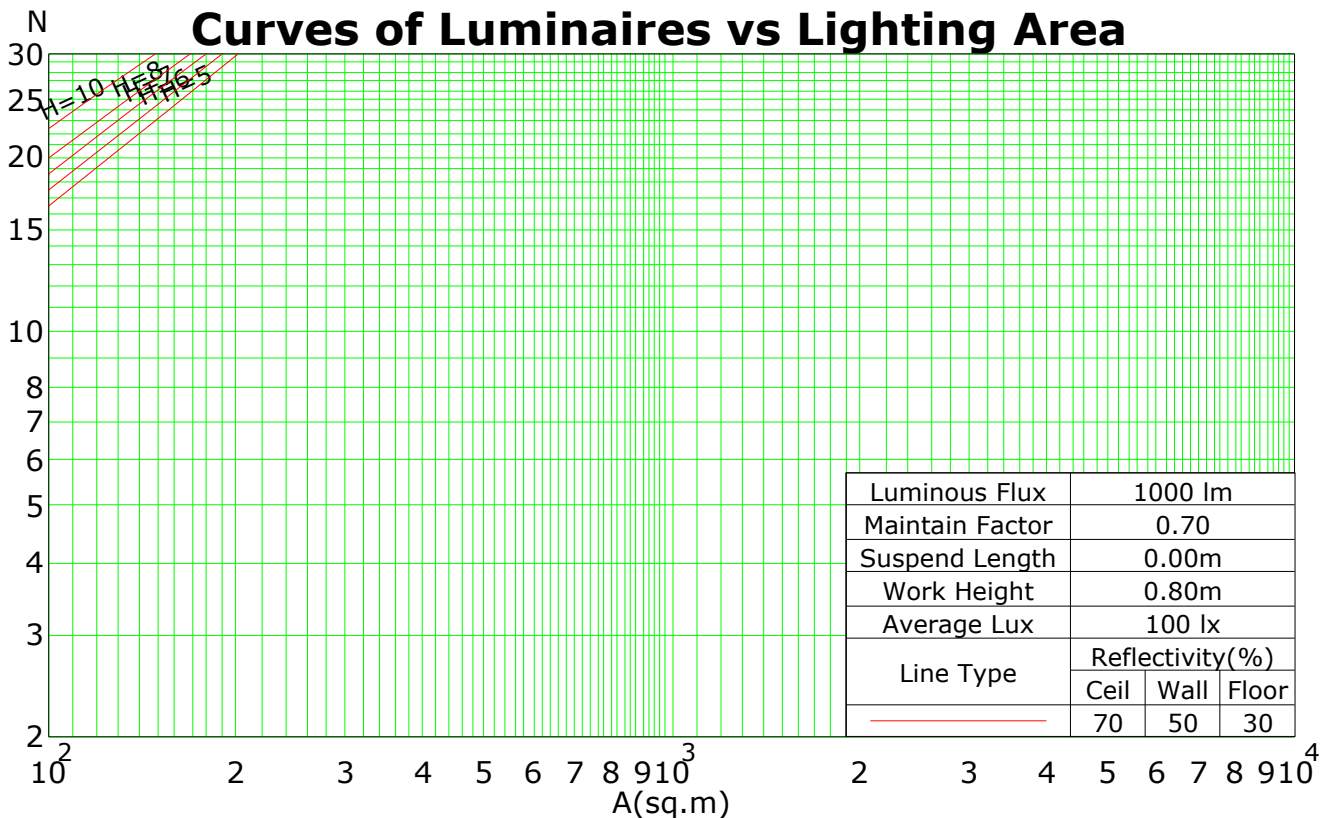
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Coefficients Of Utilization - Zonal Cavity Method

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	108	106	111	109	107	105	105	103	101	101	100	98	98	97	96	94
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	93	91	89	87
3	103	96	92	88	101	95	91	87	92	89	86	90	87	84	88	85	83	81
4	98	90	85	81	96	89	84	80	87	83	79	85	81	78	83	80	77	76
5	93	85	79	75	91	84	78	74	82	77	74	80	76	73	79	75	72	71
6	88	80	74	69	87	79	73	69	77	72	69	76	72	68	75	71	68	66
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	62
8	80	71	65	61	79	70	64	61	69	64	60	68	63	60	67	63	60	58
9	76	67	61	57	75	66	61	57	65	60	57	64	60	56	64	59	56	55
10	73	63	57	54	72	63	57	54	62	57	53	61	57	53	60	56	53	52

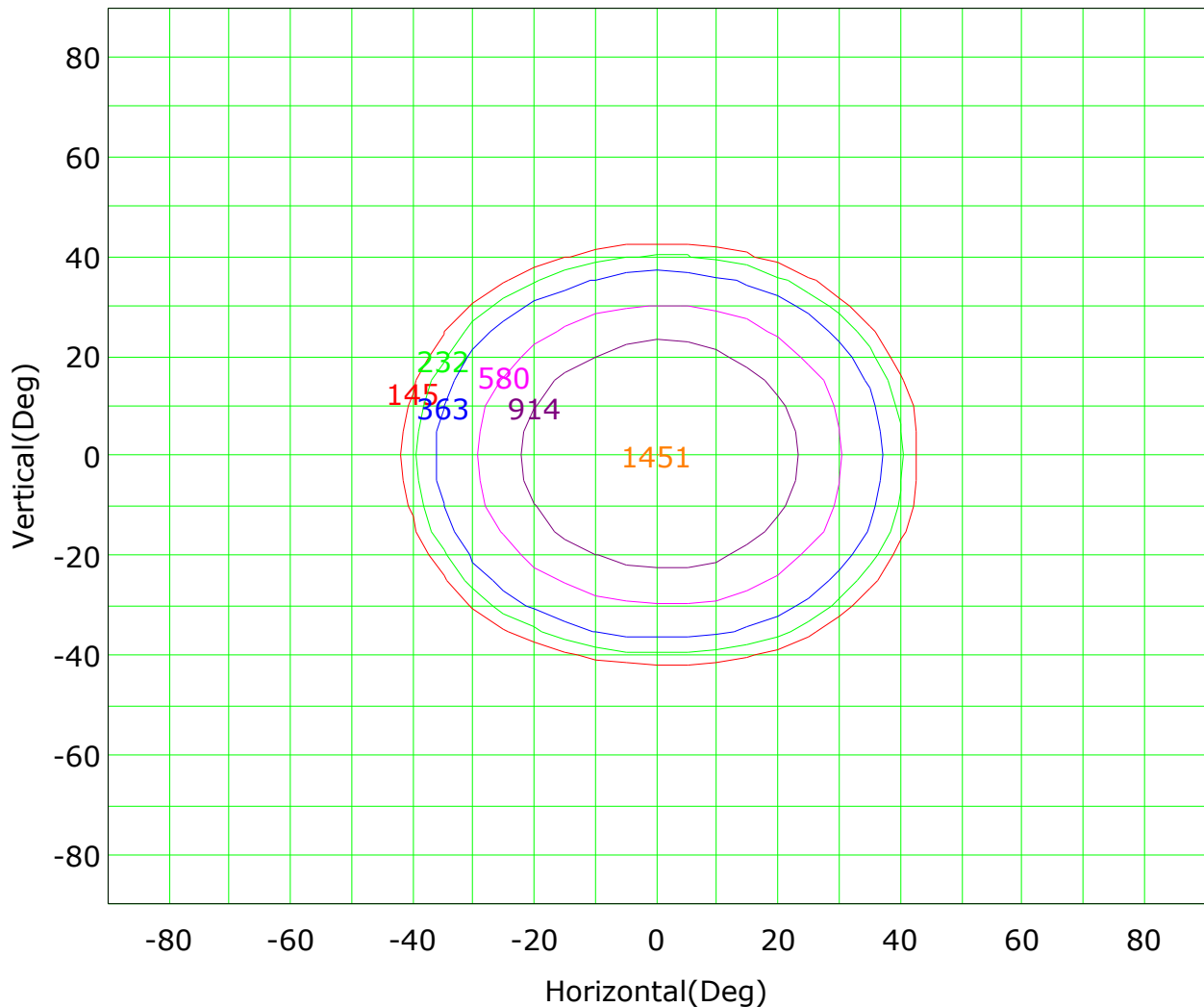
Spacing Criteria (0-180): 0.83
 Spacing Criteria (90-270): 0.83
 Spacing Criteria (Diagonal): 0.83



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Isocandela (rectangle)



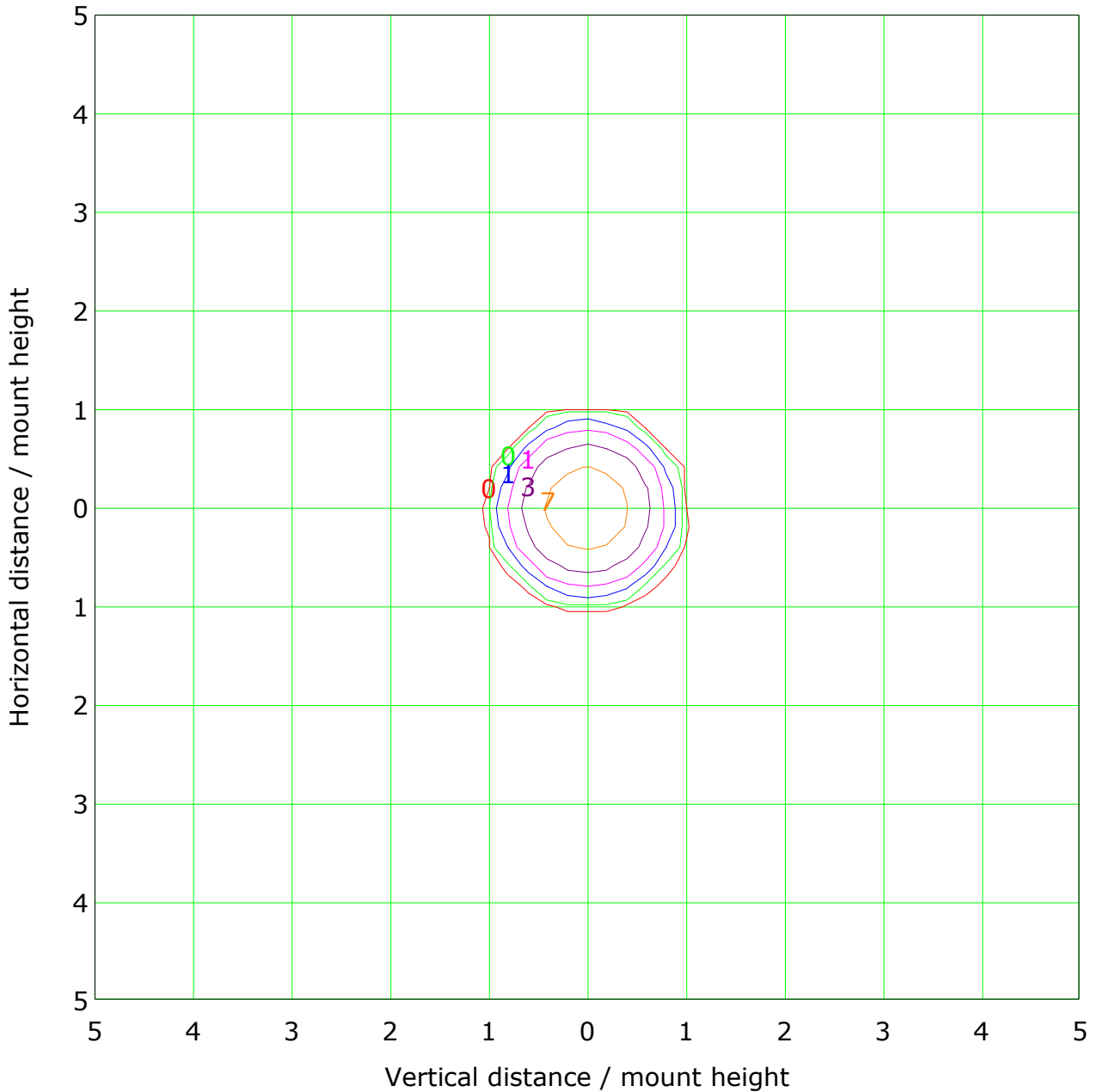
Imax (100%): 1451 cd

— (10%): 145 cd	— (16%): 232 cd
— (25%): 363 cd	— (40%): 580 cd
— (63%): 914 cd	— (100%): 1451 cd

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IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 14.5 lx	
— (1%):	0.1 lx	— (2%):	0.3 lx
— (5%):	0.7 lx	— (10%):	1.5 lx
— (20%):	2.9 lx	— (50%):	7.3 lx
— (100%):	14.5 lx		

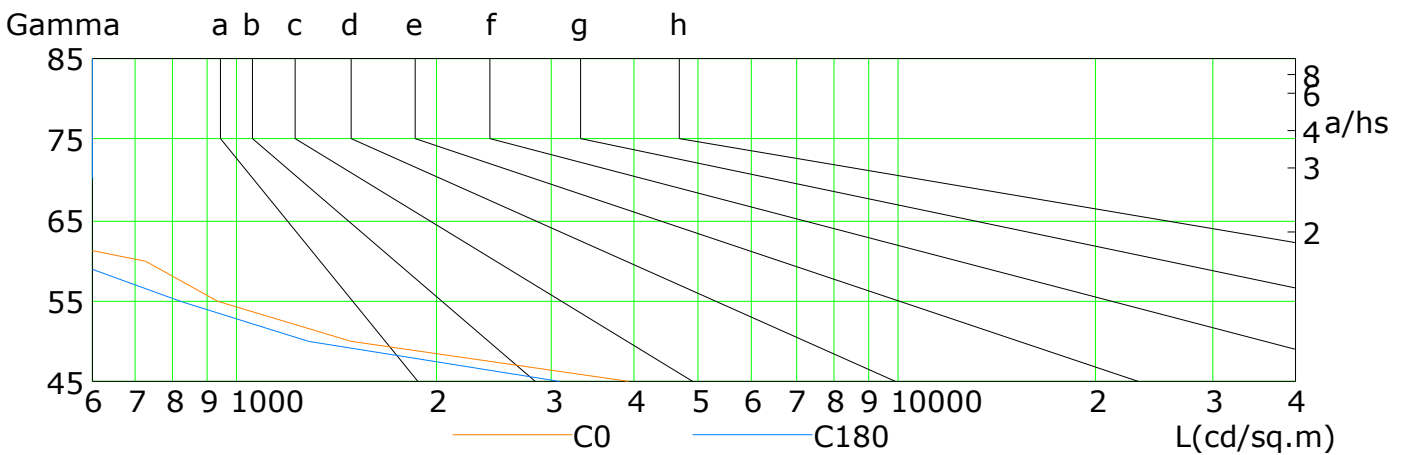
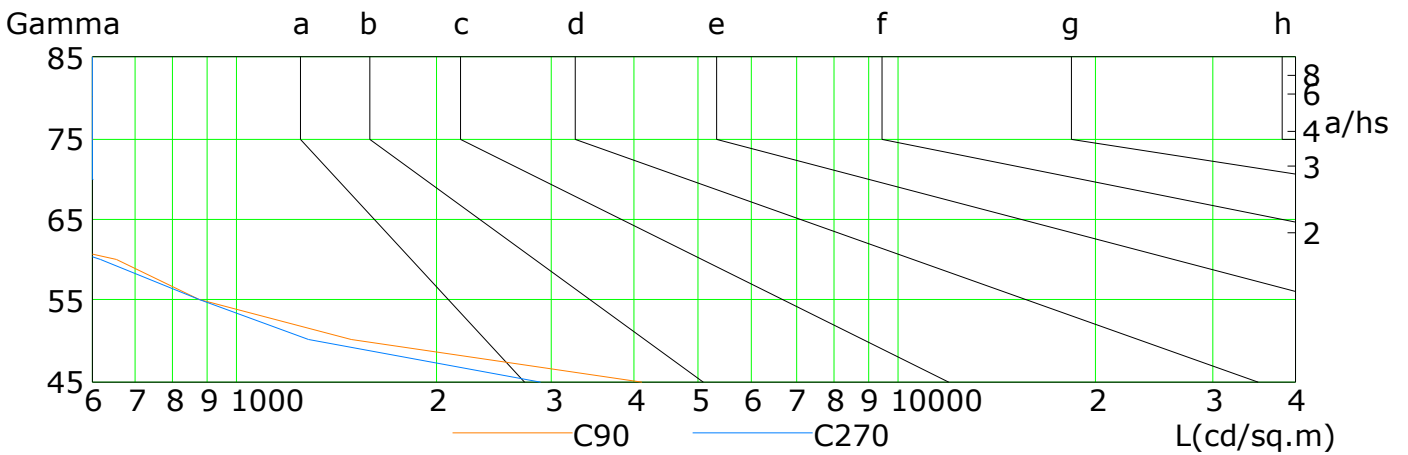
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Lum Limit Curve

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

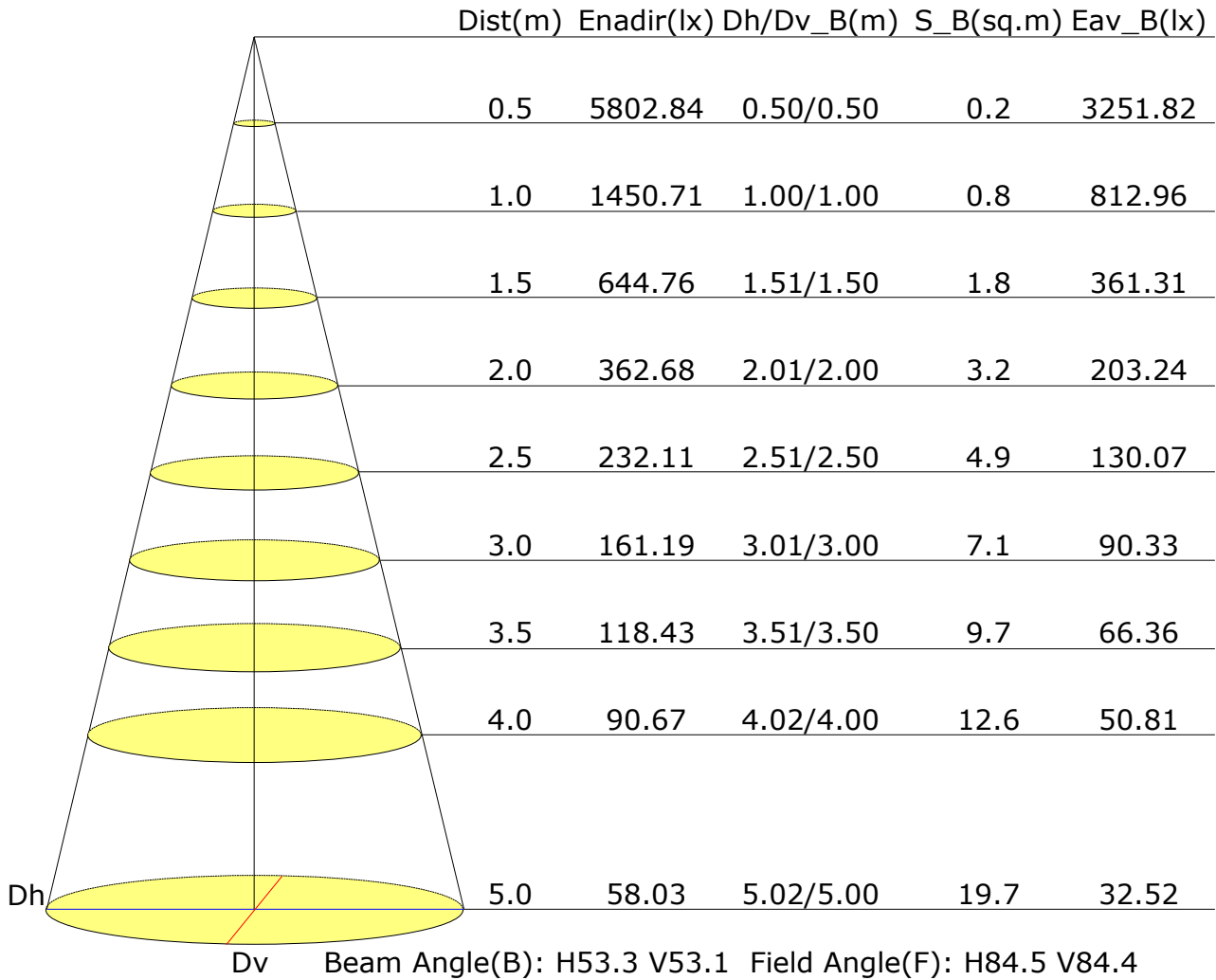


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	3910	1491	937	724	364	49	0	0	0
C90	4083	1491	876	654	364	49	0	0	0
C180	3068	1274	816	551	242	0	0	0	0
C270	2870	1274	876	620	283	0	0	0	0

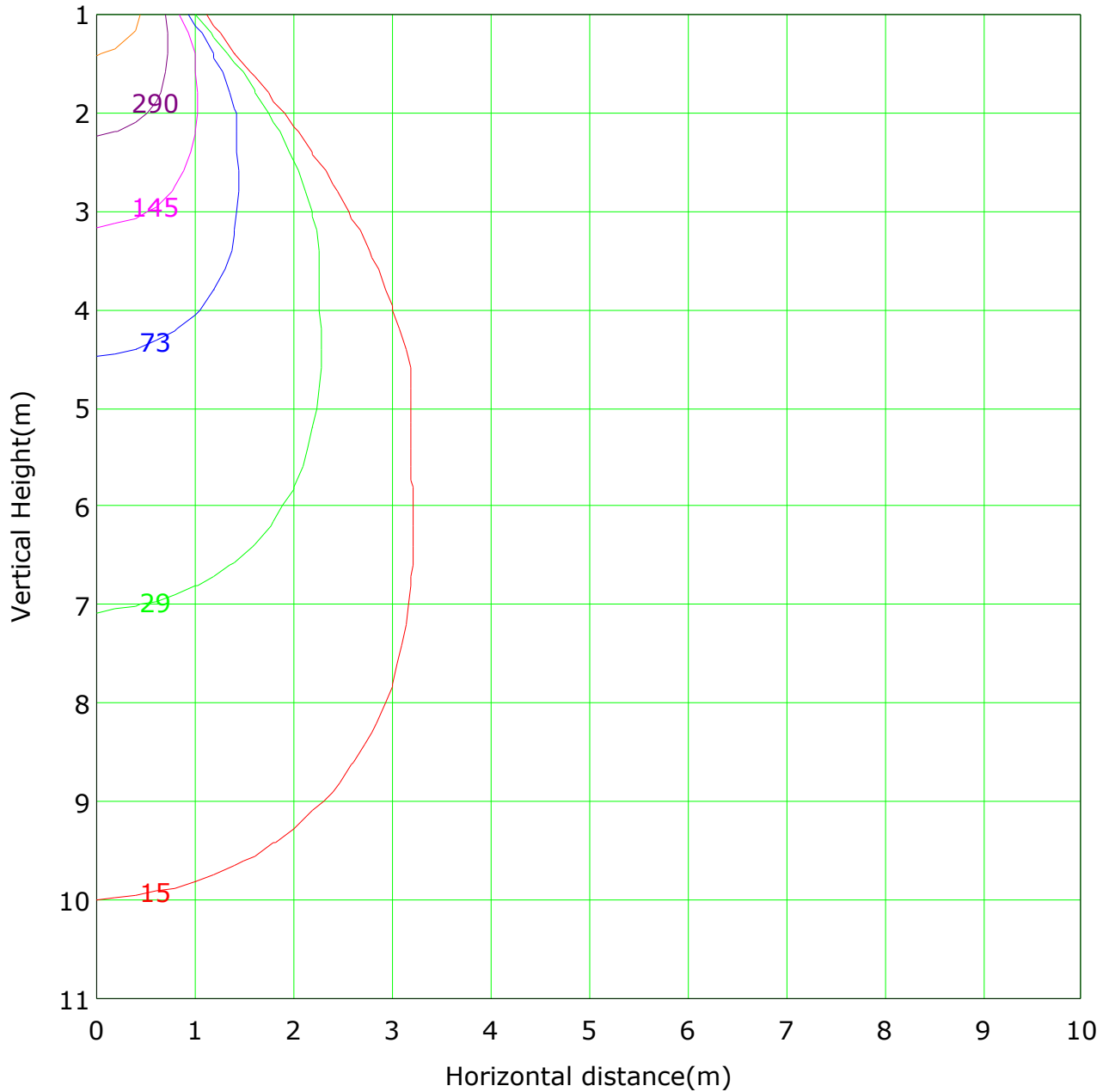
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Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1450.7 lx

— (1%): 14.5 lx	— (2%): 29.0 lx
— (5%): 72.5 lx	— (10%): 145.1 lx
— (20%): 290.1 lx	— (50%): 725.4 lx
— (100%):1450.7 lx	

The Average Illuminance Effective Figure

