

Report No.: 1

Test Time: 2017-01-05 12:50

Luminaire Property

Luminaire Category: 0119.W.A331.6
Luminaire Description: 60002
Length (mm): 133
Height (mm): 2
Current: 0.066 A
Power Factor: 0.985

Luminaire Manufacturer: Brasled
Width (mm): 133
Voltage: 230.1 V
Power: 14.87 W

Photometric Results

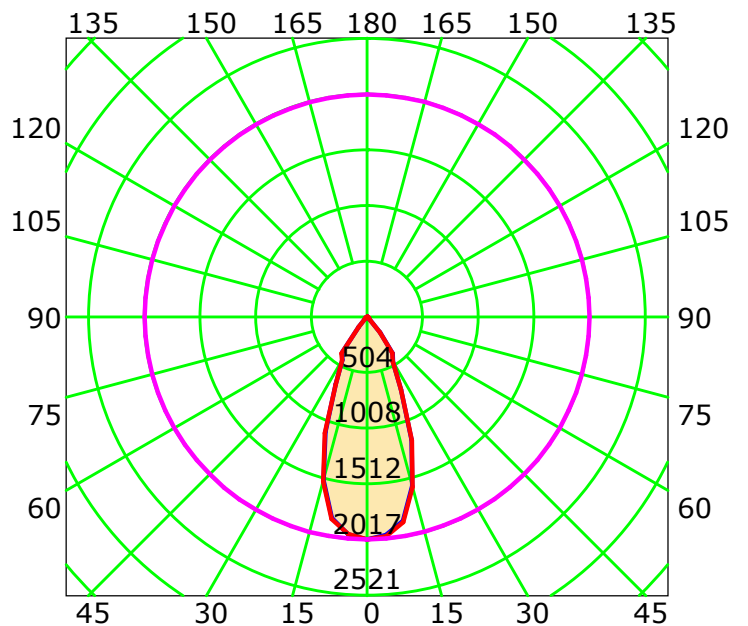
CIE Class: Direct
Measurement Flux: 1249.7 lm
Downward Ratio: 100%
Field Angle: H78.2 V78.1
Luminaire Efficacy Rating (LER): 84
Max. Intensity: 2017.25 cd

Total Rated Lamp Lumens: 1249.7 lm
Efficiency: 100%
Upward Ratio: 0%
Beam Angle: H43.1 V43.2
Central Intensity: 2014.87 cd
Pos of Max. Intensity: H157.5 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



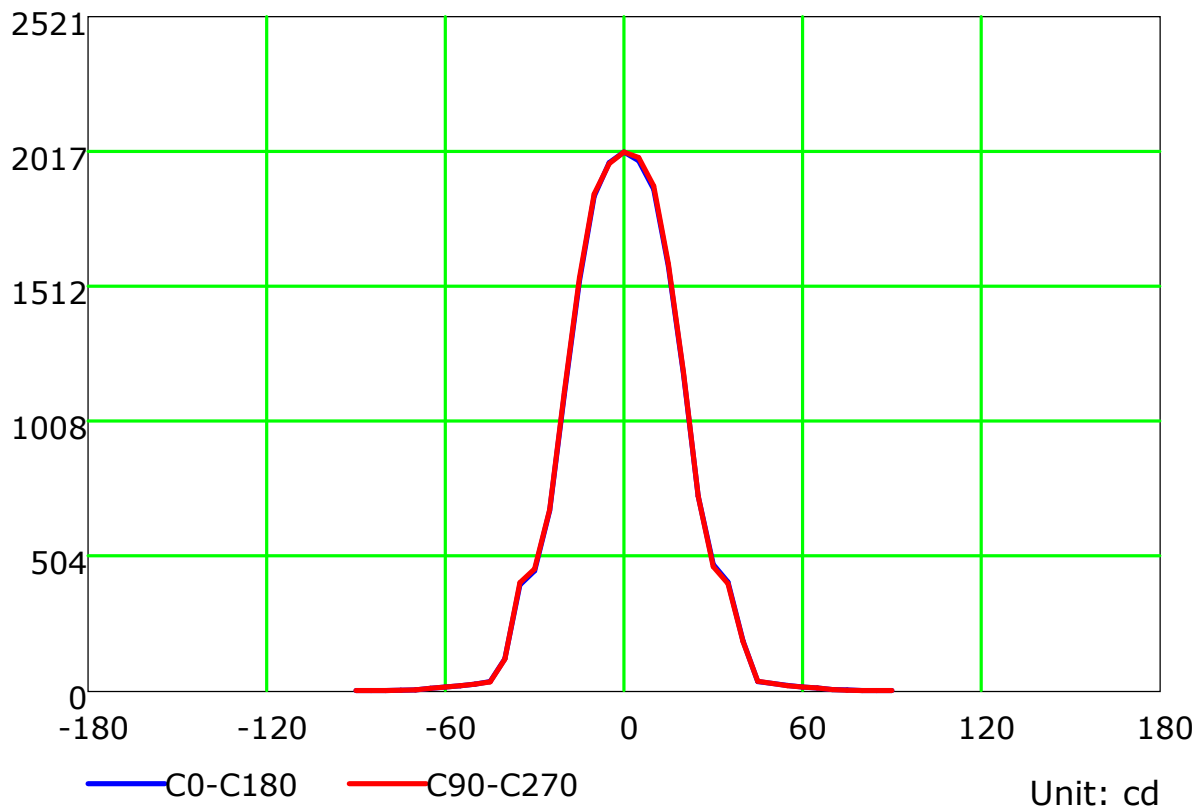
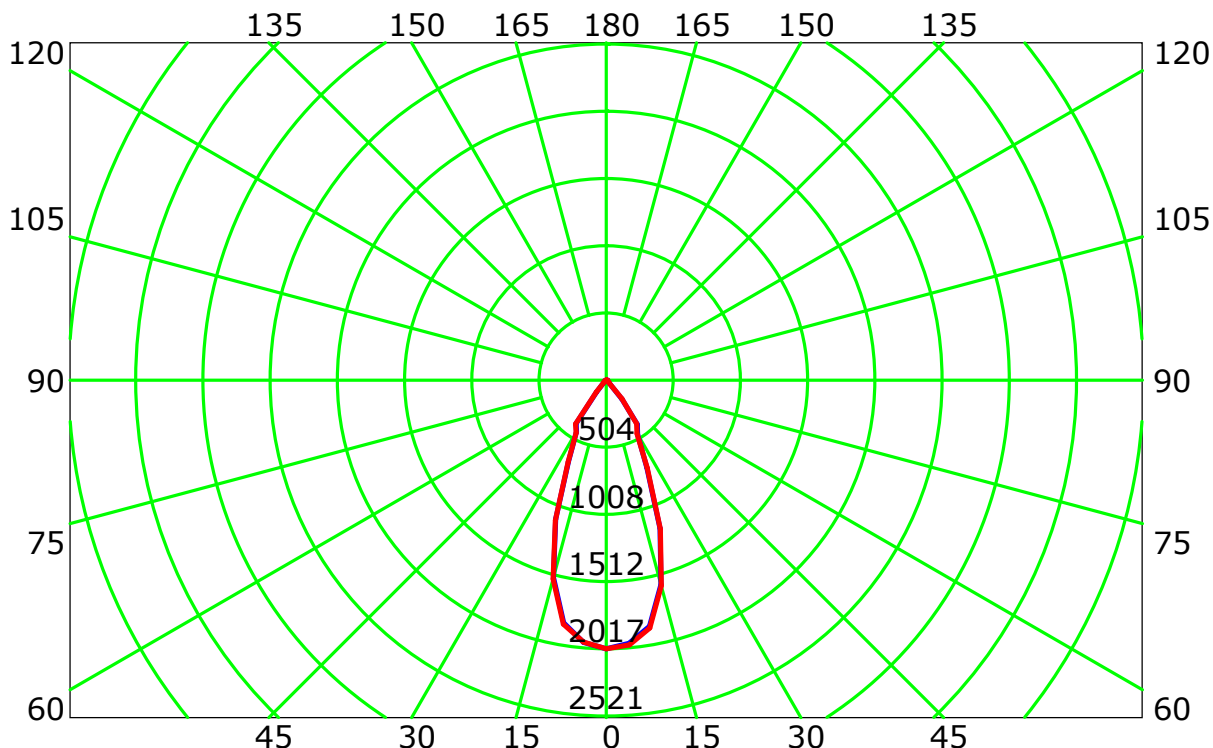
Average Diffuse Angle(50%): 43.2° Unit: cd

— 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



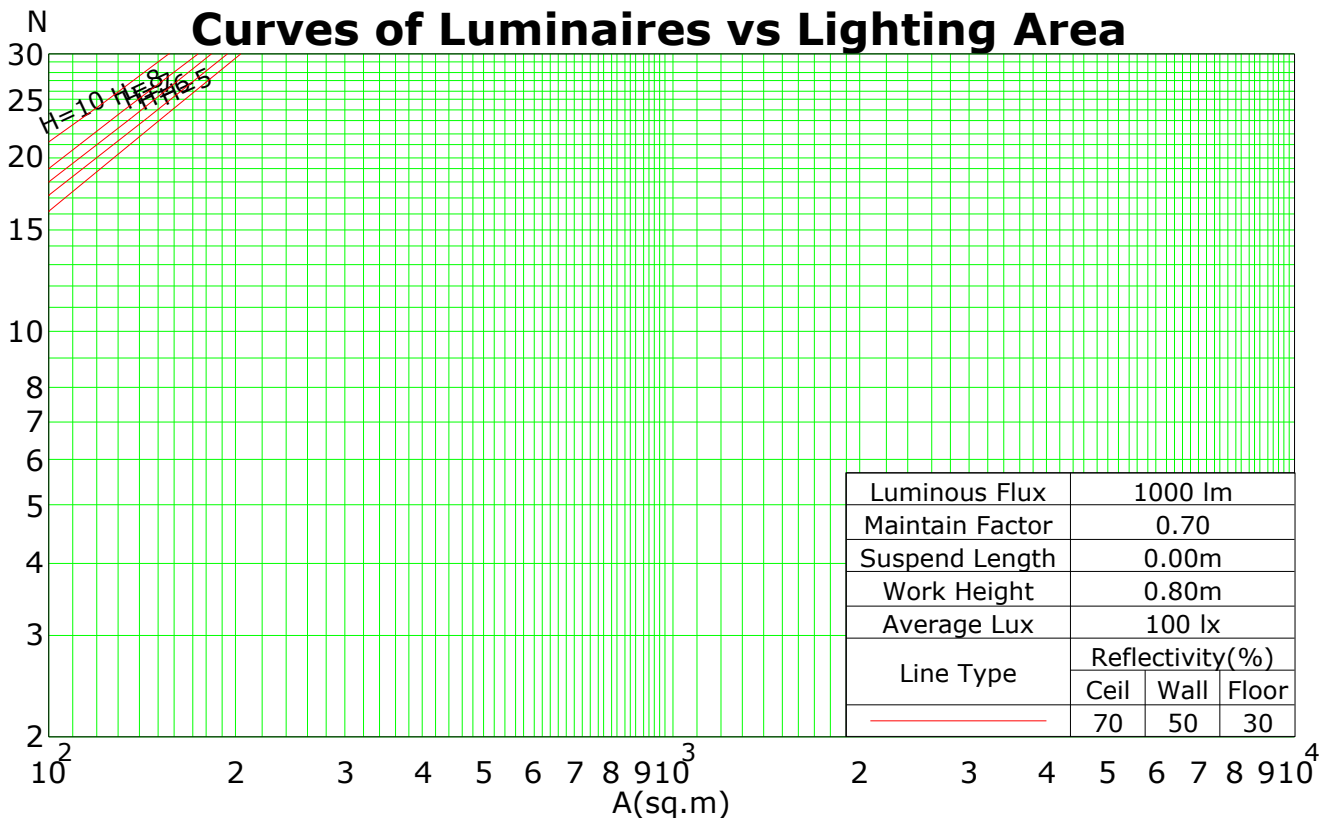
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Coefficients Of Utilization - Zonal Cavity Method

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	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94
2	109	104	100	97	106	102	99	96	99	96	94	96	94	92	93	91	90	88
3	104	97	93	89	102	96	92	88	93	90	87	91	88	86	89	86	84	83
4	99	92	86	82	97	91	86	82	88	84	81	86	83	80	85	82	79	78
5	94	86	81	77	93	85	80	77	84	79	76	82	78	75	81	77	75	73
6	90	82	76	72	89	81	76	72	79	75	71	78	74	71	77	73	70	69
7	86	77	72	68	85	77	71	68	75	71	67	74	70	67	73	69	67	65
8	82	73	68	64	81	73	68	64	72	67	64	71	66	63	70	66	63	62
9	79	70	64	61	78	69	64	60	68	64	60	68	63	60	67	63	60	59
10	76	66	61	57	75	66	61	57	65	61	57	65	60	57	64	60	57	56

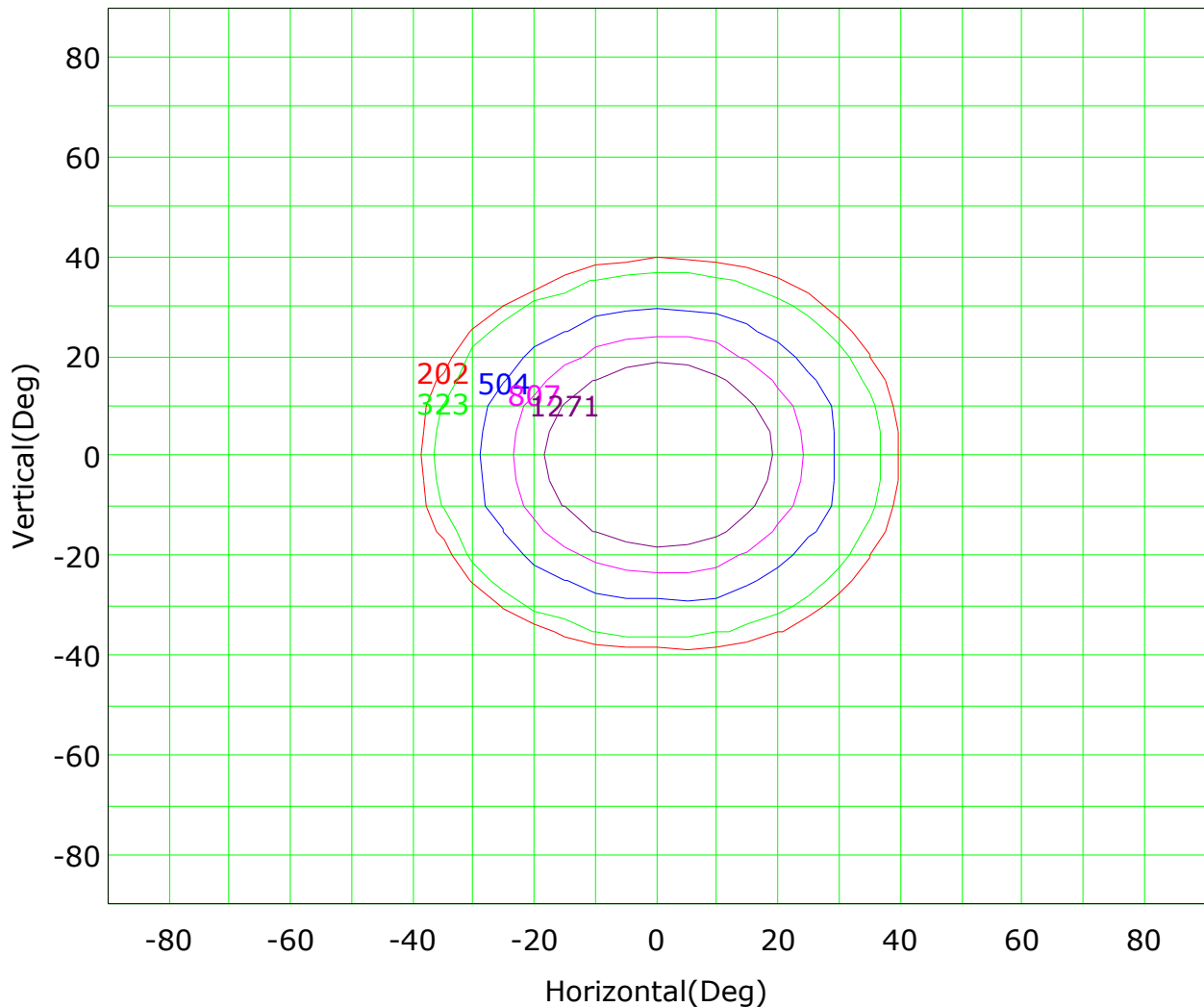
Spacing Criteria (0-180): 0.70
 Spacing Criteria (90-270): 0.71
 Spacing Criteria (Diagonal): 0.67



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Isocandela (rectangle)



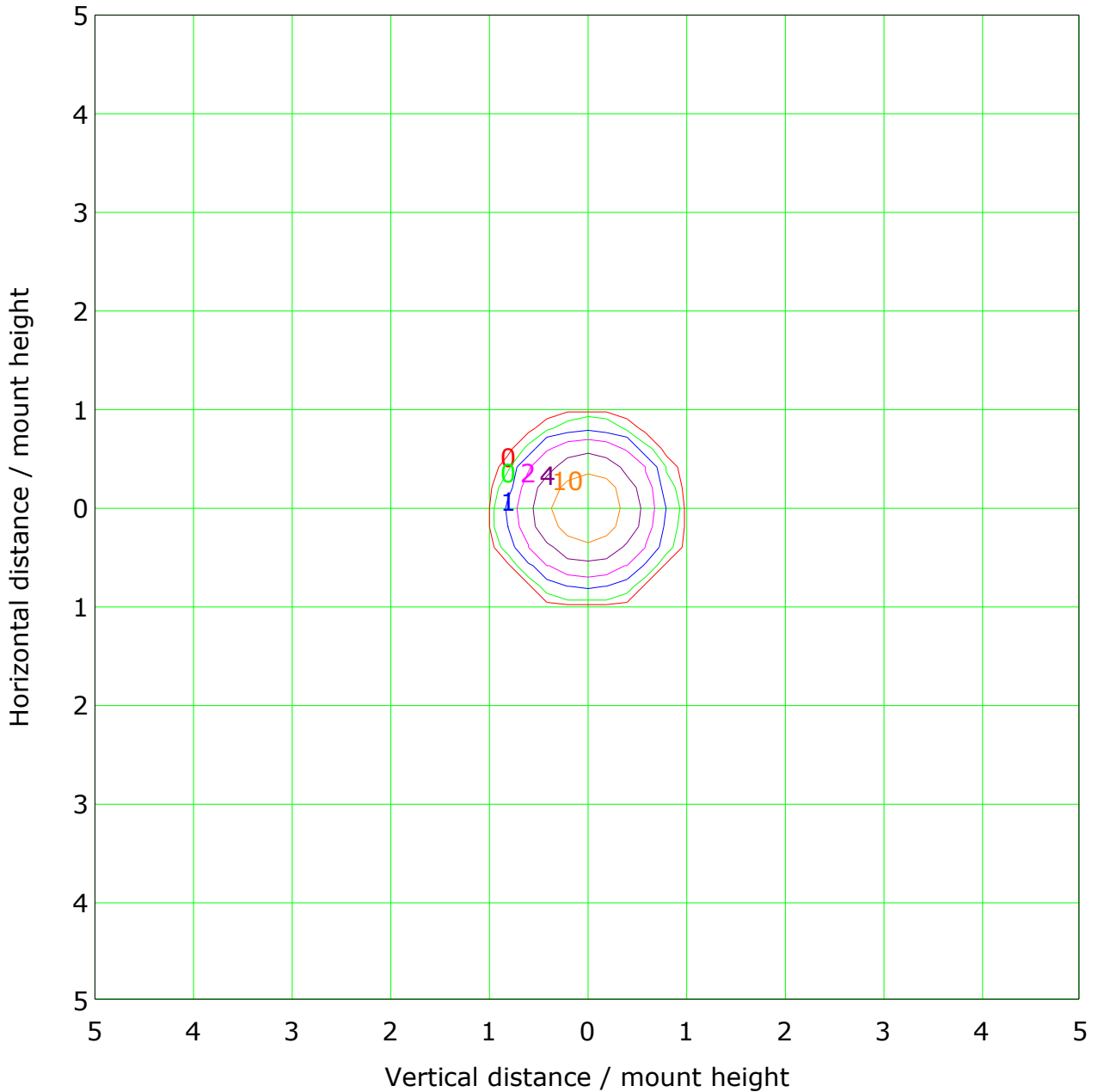
Imax (100%): 2017 cd

— (10%):	202 cd	— (16%):	323 cd
— (25%):	504 cd	— (40%):	807 cd
— (63%):	1271 cd	— (100%):	2017 cd

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IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 20.2 lx	
— (1%):	0.2 lx	— (2%):	0.4 lx
— (5%):	1.0 lx	— (10%):	2.0 lx
— (20%):	4.0 lx	— (50%):	10.1 lx
— (100%):	20.2 lx		

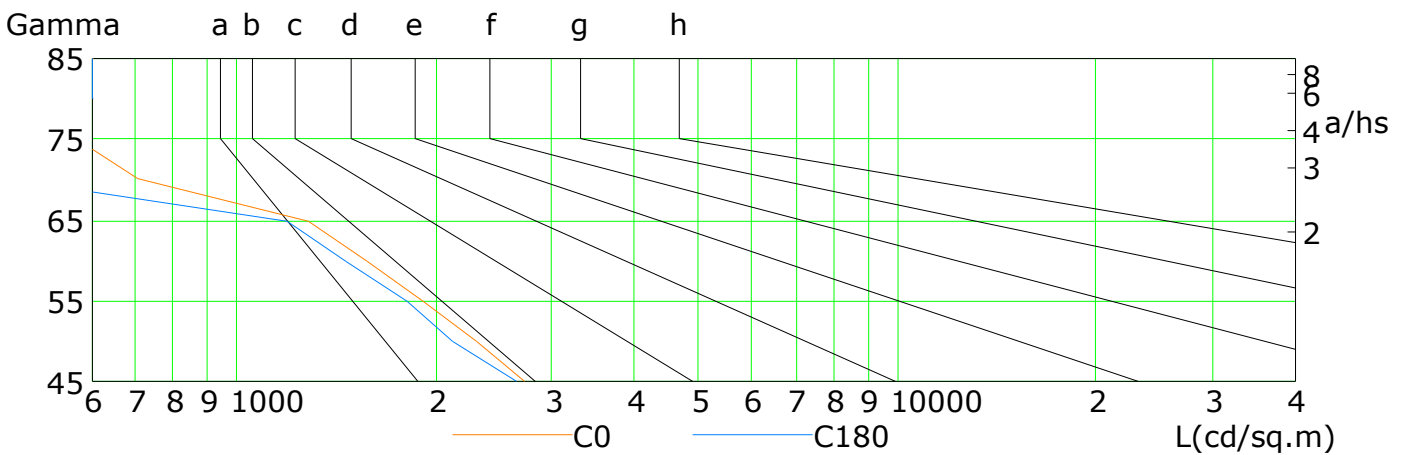
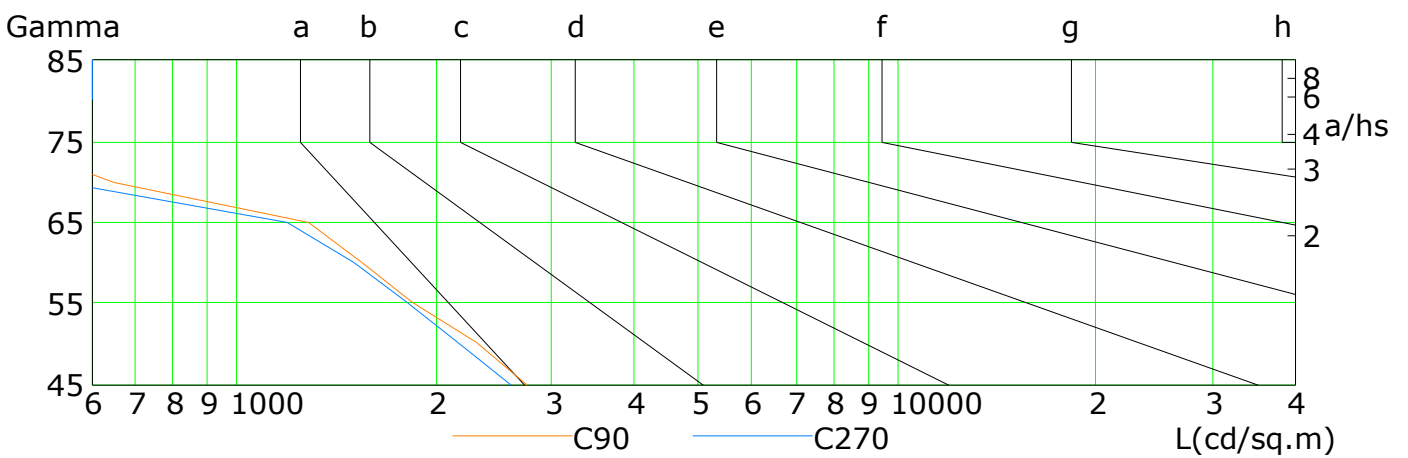
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Lum Limit Curve

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

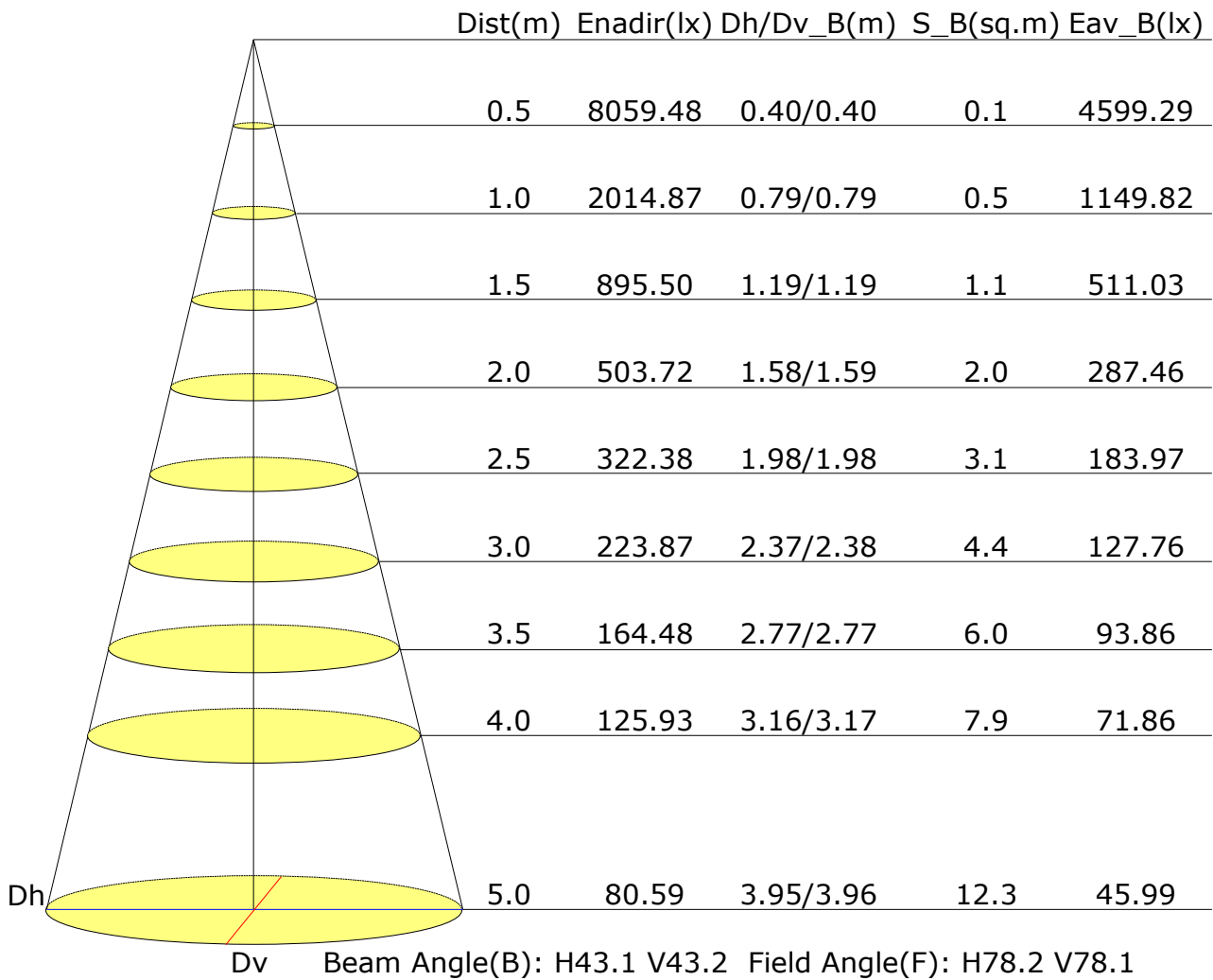


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	2711	2297	1908	1577	1280	703	565	306	0
C90	2738	2297	1842	1539	1280	649	422	204	0
C180	2658	2120	1808	1464	1192	433	422	0	0
C270	2604	2150	1808	1502	1192	541	422	0	0

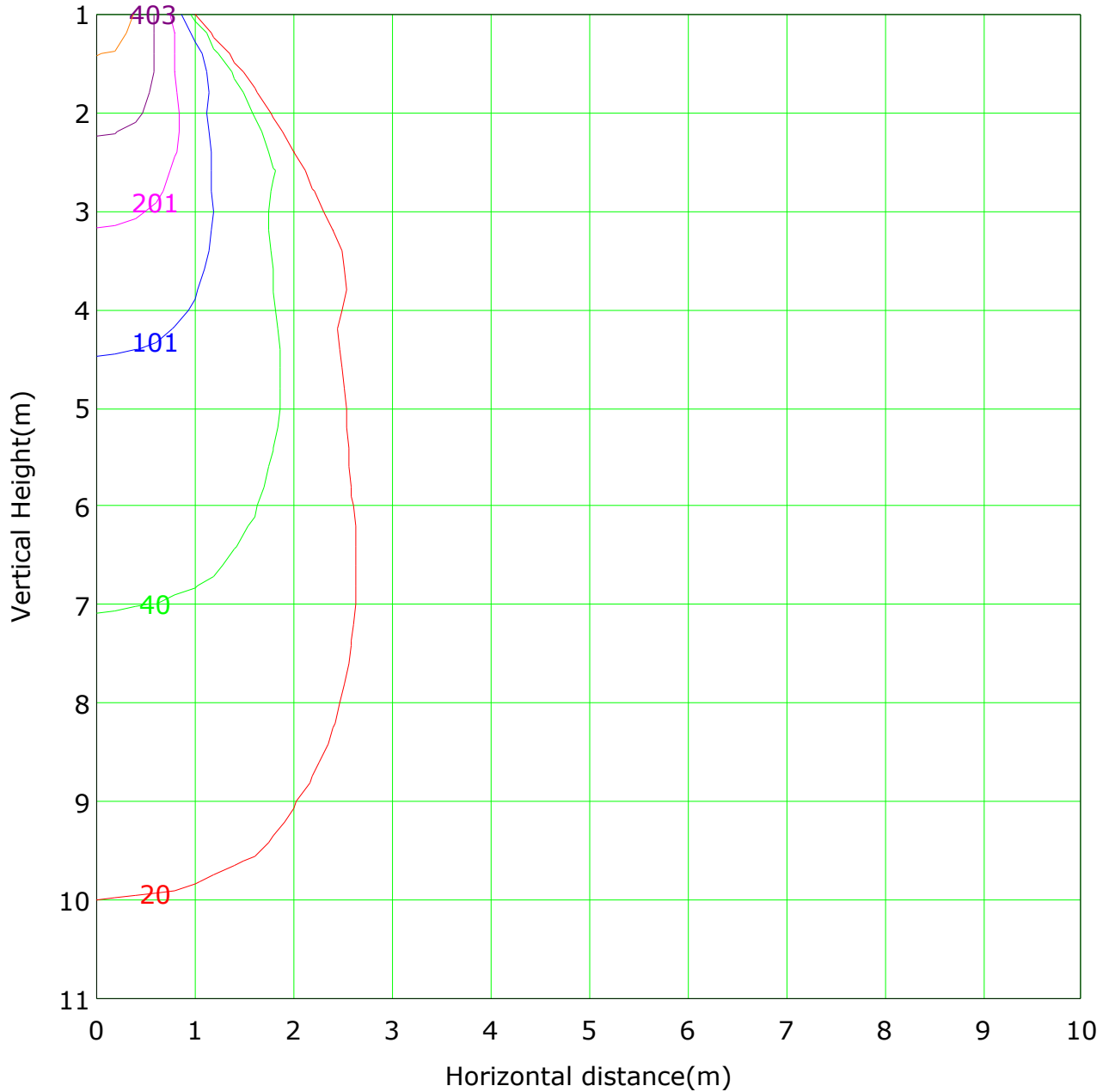
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Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 2014.9 lx

— (1%): 20.1 lx	— (2%): 40.3 lx
— (5%): 100.7 lx	— (10%): 201.5 lx
— (20%): 403.0 lx	— (50%): 1007.4 lx
— (100%): 2014.9 lx	

The Average Illuminance Effective Figure

