

Report No.: 1

Test Time: 2016-12-27 11:19

Luminaire Property

Luminaire Category: 0108.W.A311.6
Luminaire Description: 60022
Length (mm): 115
Height (mm): 3
Current: 0.097 A
Power Factor: 0.956

Luminaire Manufacturer: Brasled
Width (mm): 115
Voltage: 230.2 V
Power: 21.34 W

Photometric Results

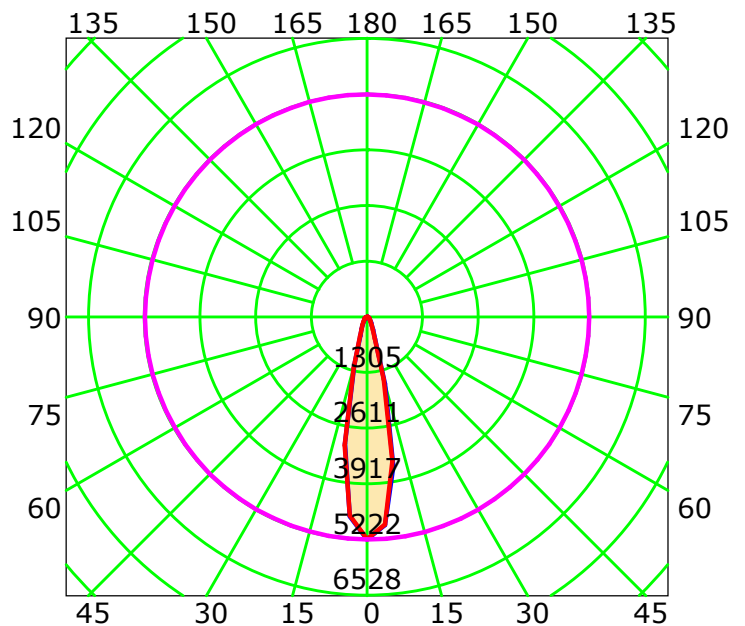
CIE Class: Direct
Measurement Flux: 1313.9 lm
Downward Ratio: 100%
Field Angle: H40.5 V40.1
Luminaire Efficacy Rating (LER): 62
Max. Intensity: 5222.98 cd

Total Rated Lamp Lumens: 1313.9 lm
Efficiency: 100%
Upward Ratio: 0%
Beam Angle: H23.5 V23.4
Central Intensity: 5222.97 cd
Pos of Max. Intensity: H0 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



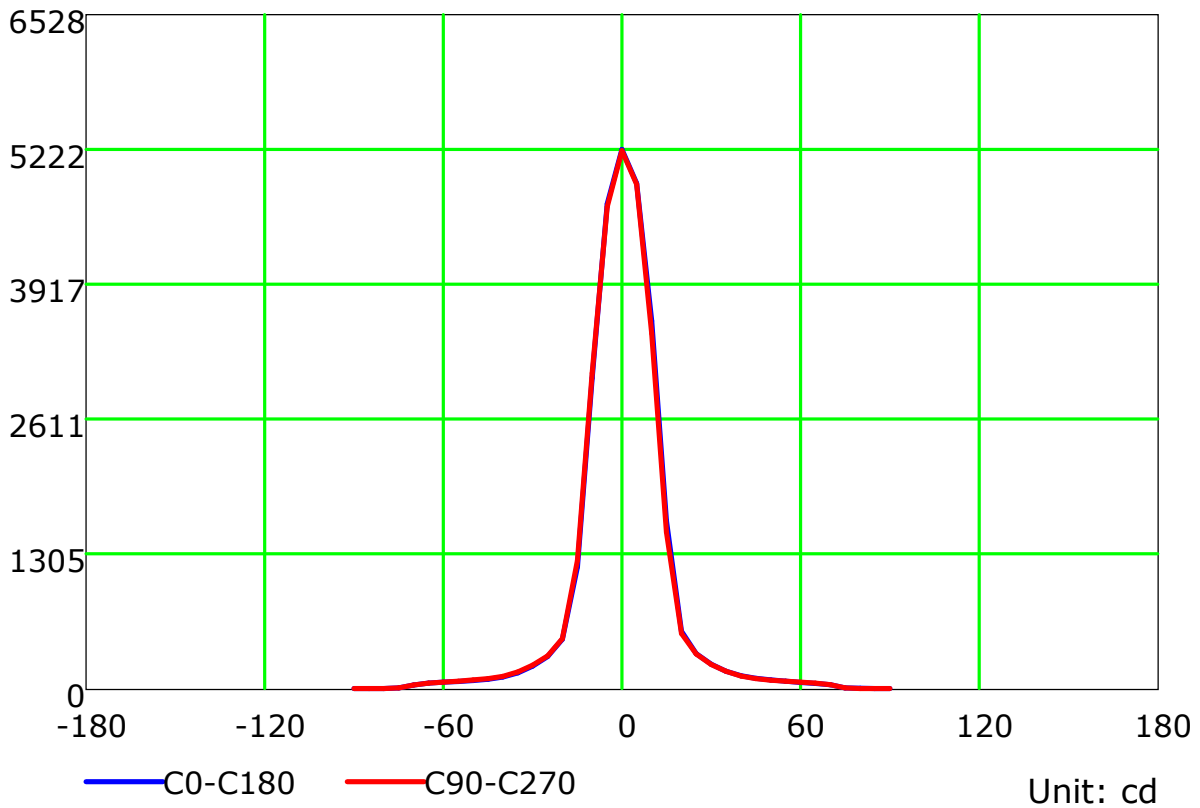
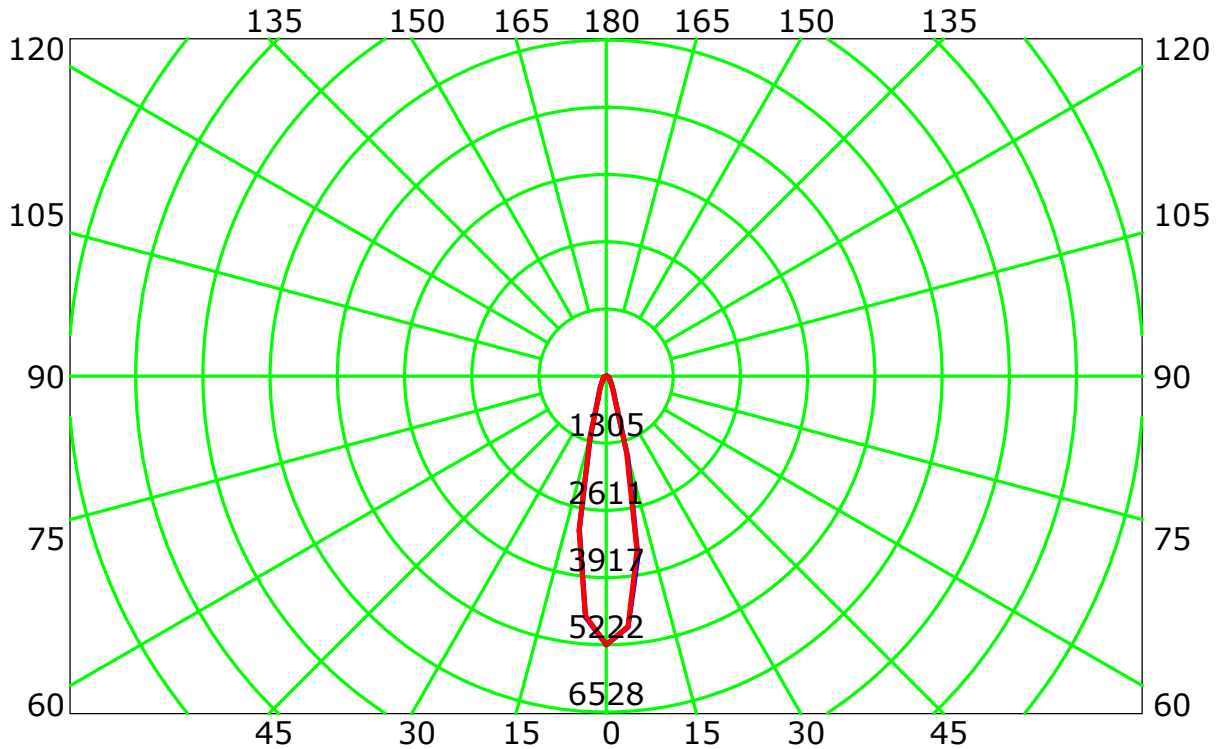
Average Diffuse Angle(50%): 23.5° Unit: cd

— 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



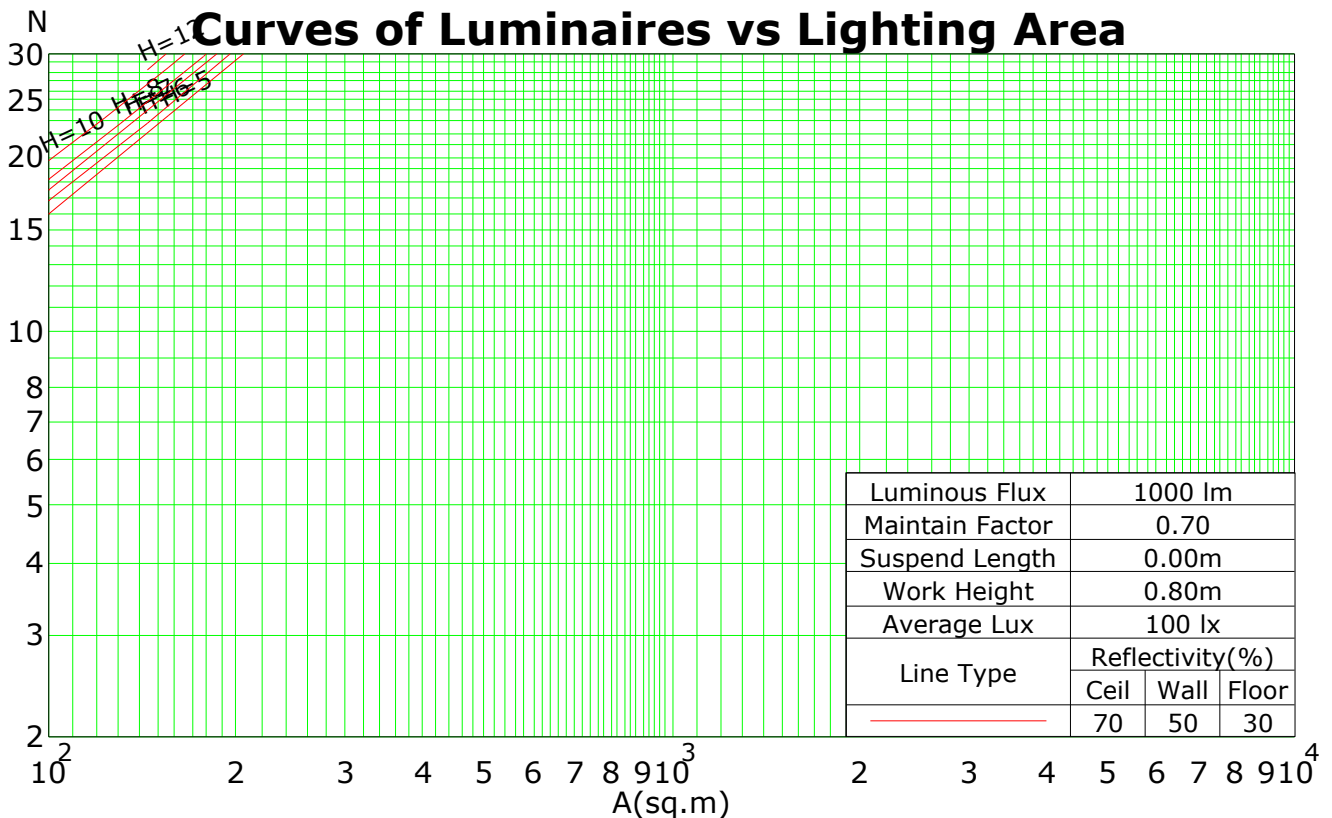
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Coefficients Of Utilization - Zonal Cavity Method

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	106	111	109	107	105	105	103	101	101	100	98	98	97	96	94
2	108	104	100	97	106	102	98	96	99	96	93	96	93	91	93	91	90	88
3	104	97	93	89	102	96	92	88	94	90	87	91	88	86	89	86	84	83
4	99	92	87	83	97	91	86	83	89	85	82	87	84	81	85	82	80	78
5	95	88	82	78	94	87	82	78	85	81	77	83	80	77	82	79	76	75
6	92	84	78	74	90	83	78	74	81	77	74	80	76	73	79	75	73	71
7	88	80	75	71	87	79	74	71	78	74	71	77	73	70	76	73	70	69
8	85	77	72	68	84	76	72	68	75	71	68	75	71	68	74	70	67	66
9	82	74	69	66	82	74	69	66	73	69	65	72	68	65	71	68	65	64
10	80	72	67	64	79	71	67	64	71	66	63	70	66	63	69	66	63	62

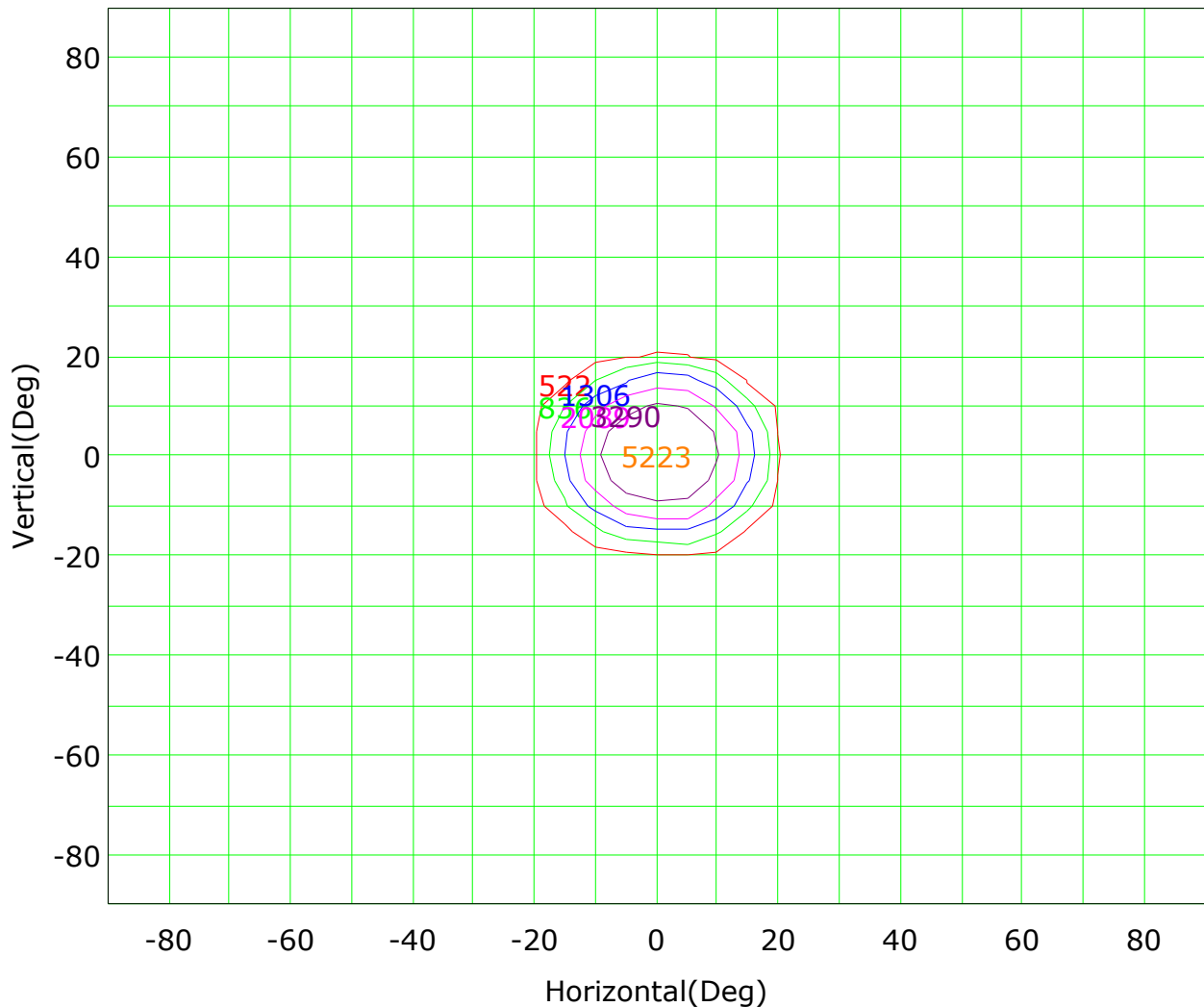
Spacing Criteria (0-180): 0.40
 Spacing Criteria (90-270): 0.40
 Spacing Criteria (Diagonal): 0.37



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Isocandela (rectangle)



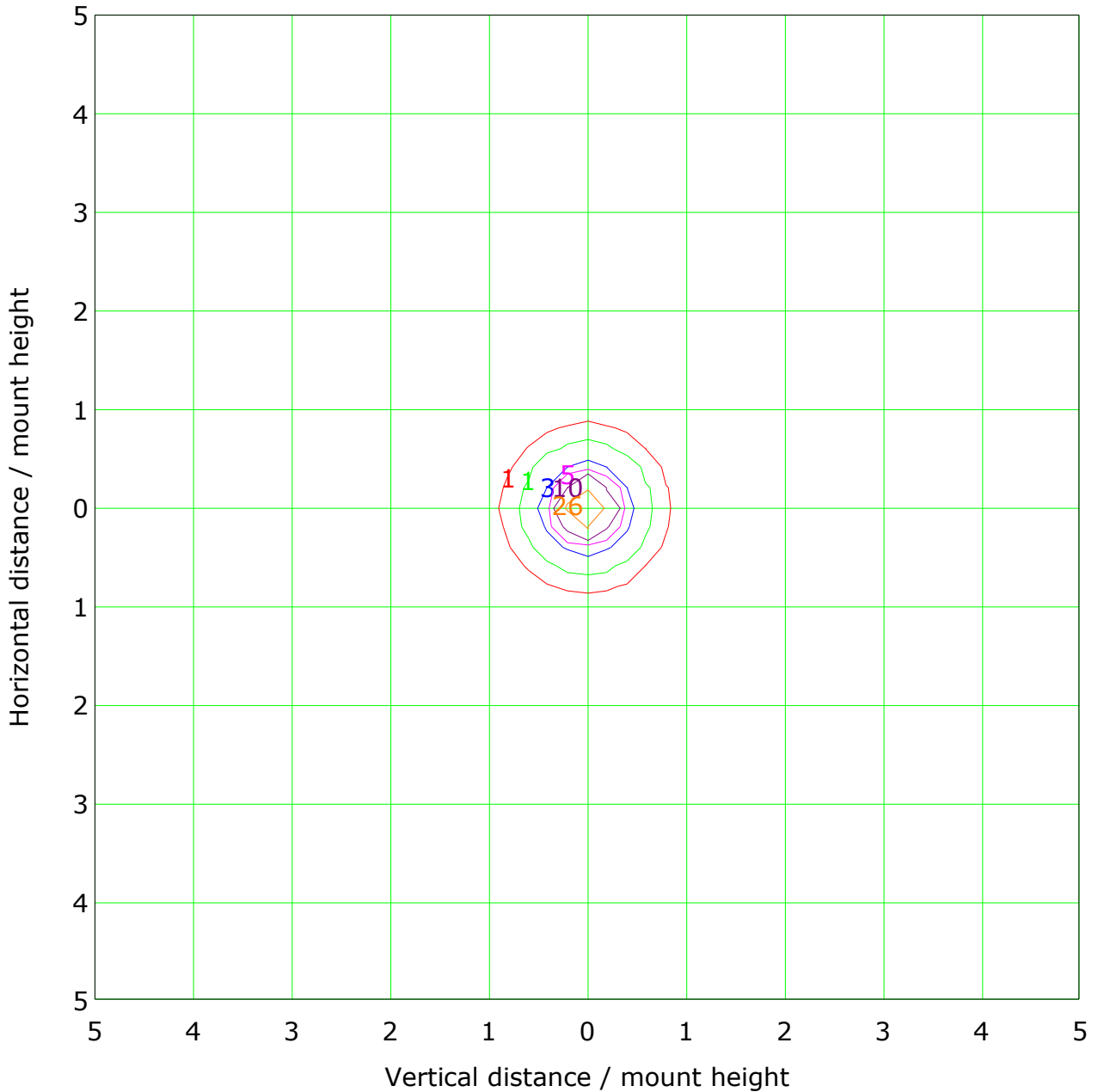
Imax (100%): 5223 cd

— (10%): 522 cd	— (16%): 836 cd
— (25%): 1306 cd	— (40%): 2089 cd
— (63%): 3290 cd	— (100%): 5223 cd

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IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 52.2 lx

(1%): 0.5 lx	(2%): 1.0 lx
(5%): 2.6 lx	(10%): 5.2 lx
(20%): 10.4 lx	(50%): 26.1 lx
(100%): 52.2 lx	

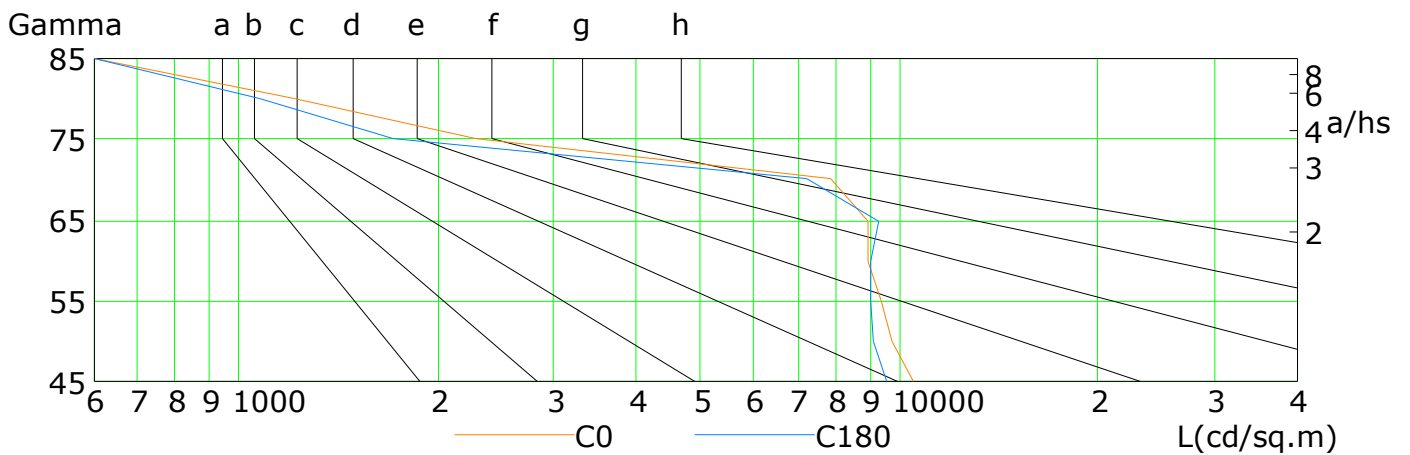
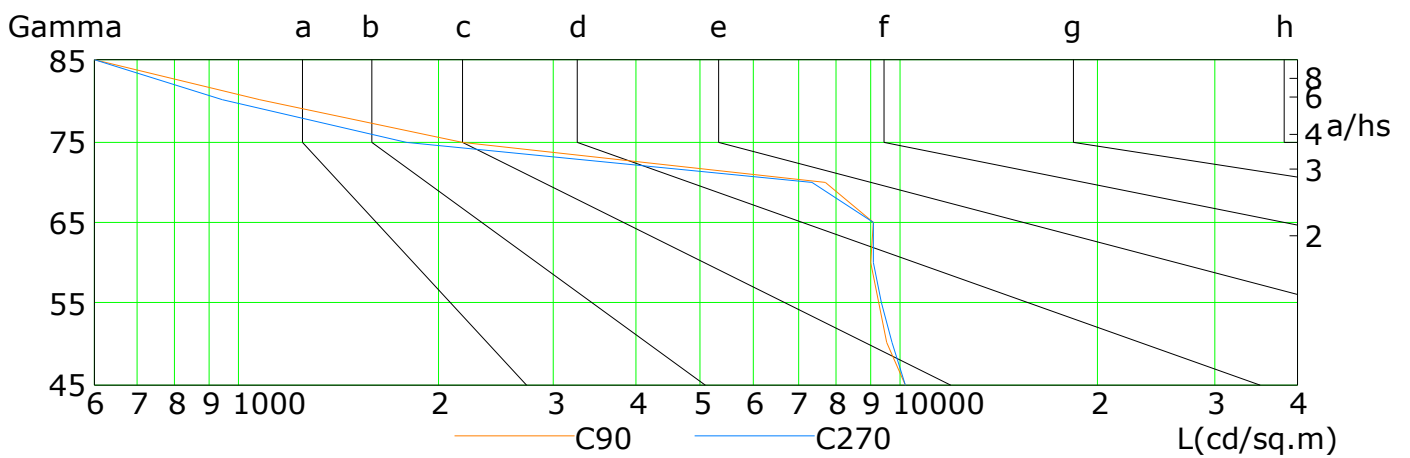
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Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
		2000	1000	500	<=300				
1.15	A	2000	1000	500	<=300				
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

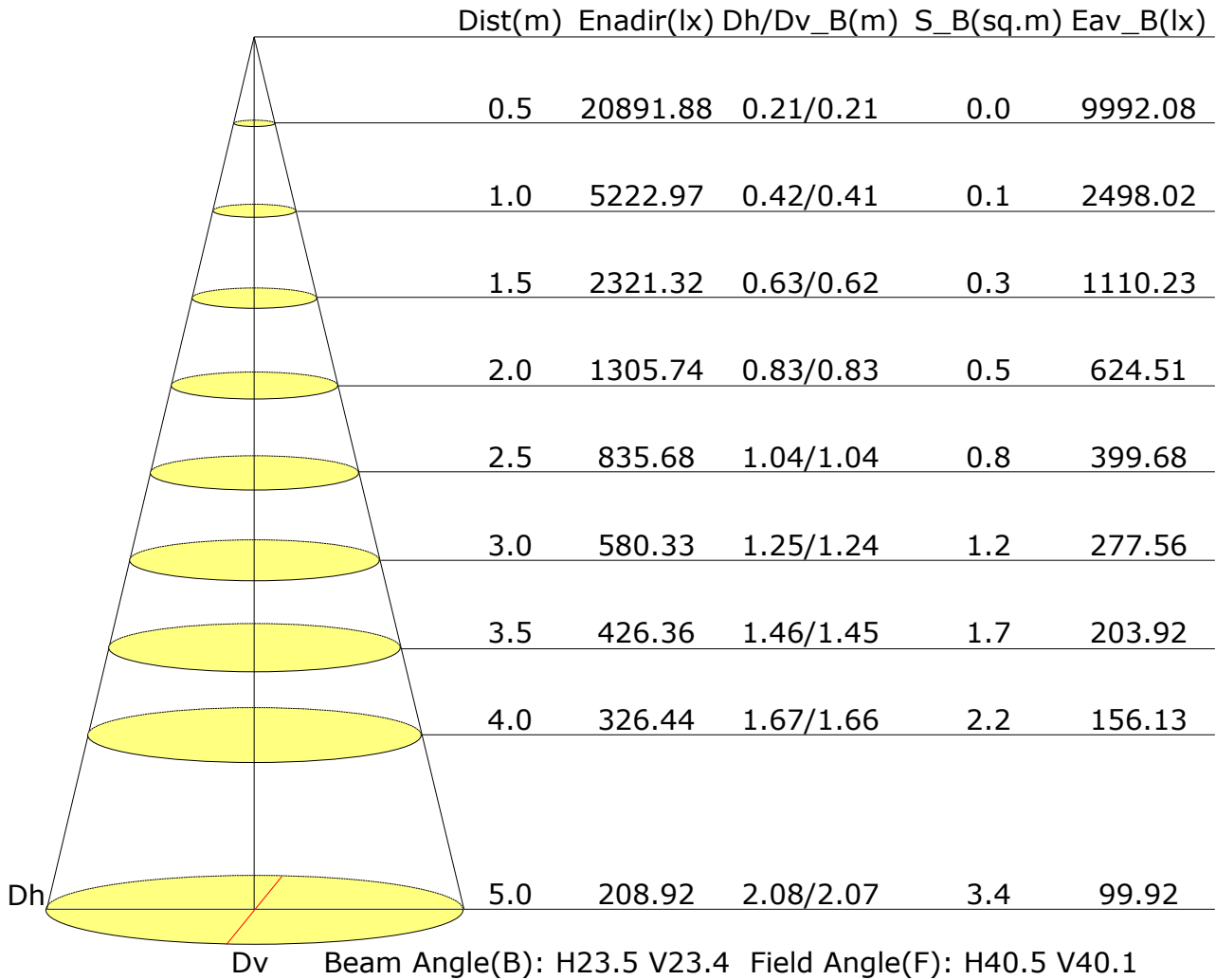


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	10485	9735	9399	8951	8916	7847	2271	1214	0
C90	10226	9532	9308	9003	9096	7701	2178	1077	0
C180	9559	9126	9036	9003	9338	7262	1704	1077	0
C270	10226	9694	9399	9156	9157	7334	1797	945	0

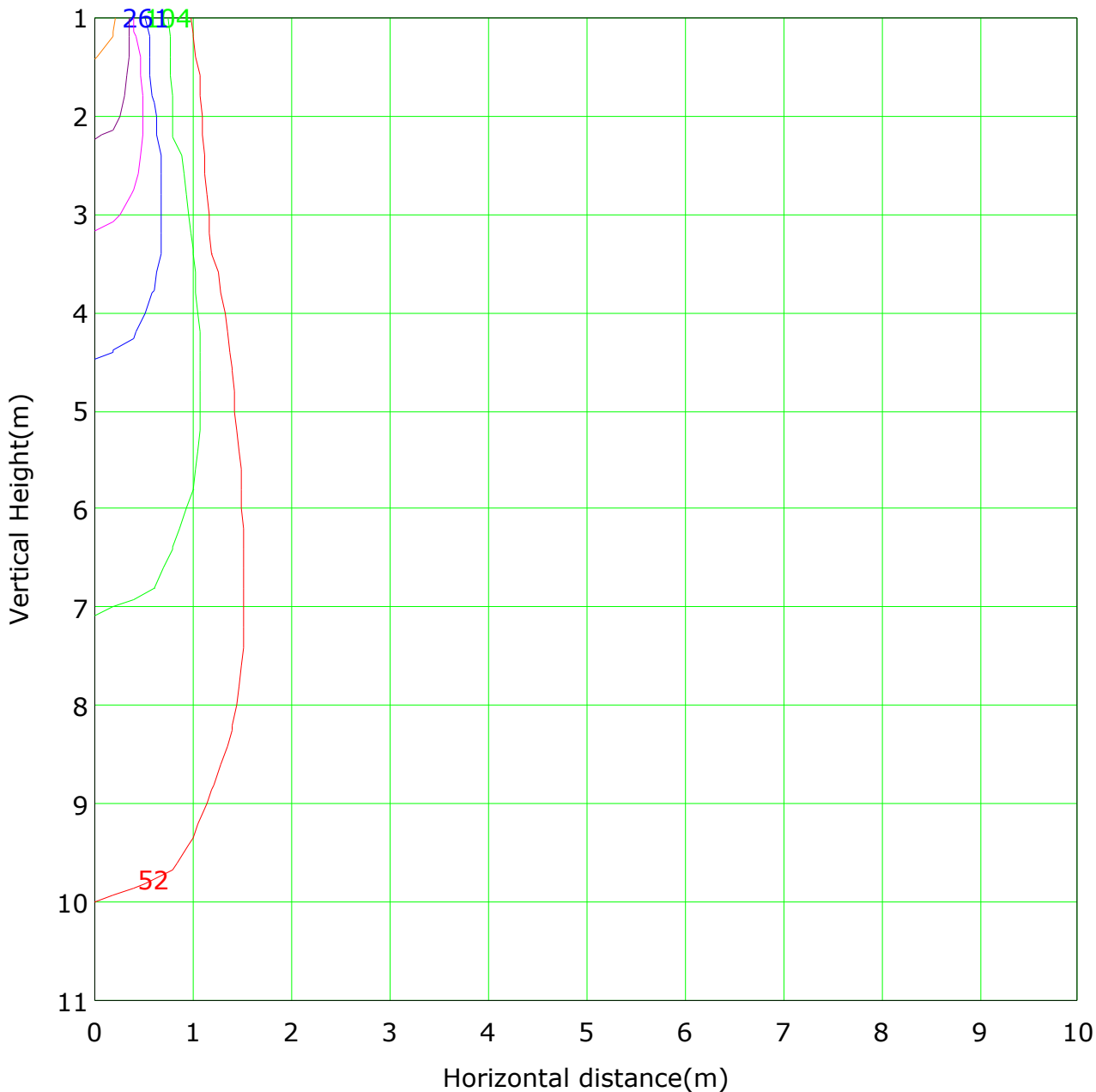
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Illuminance at a Distance

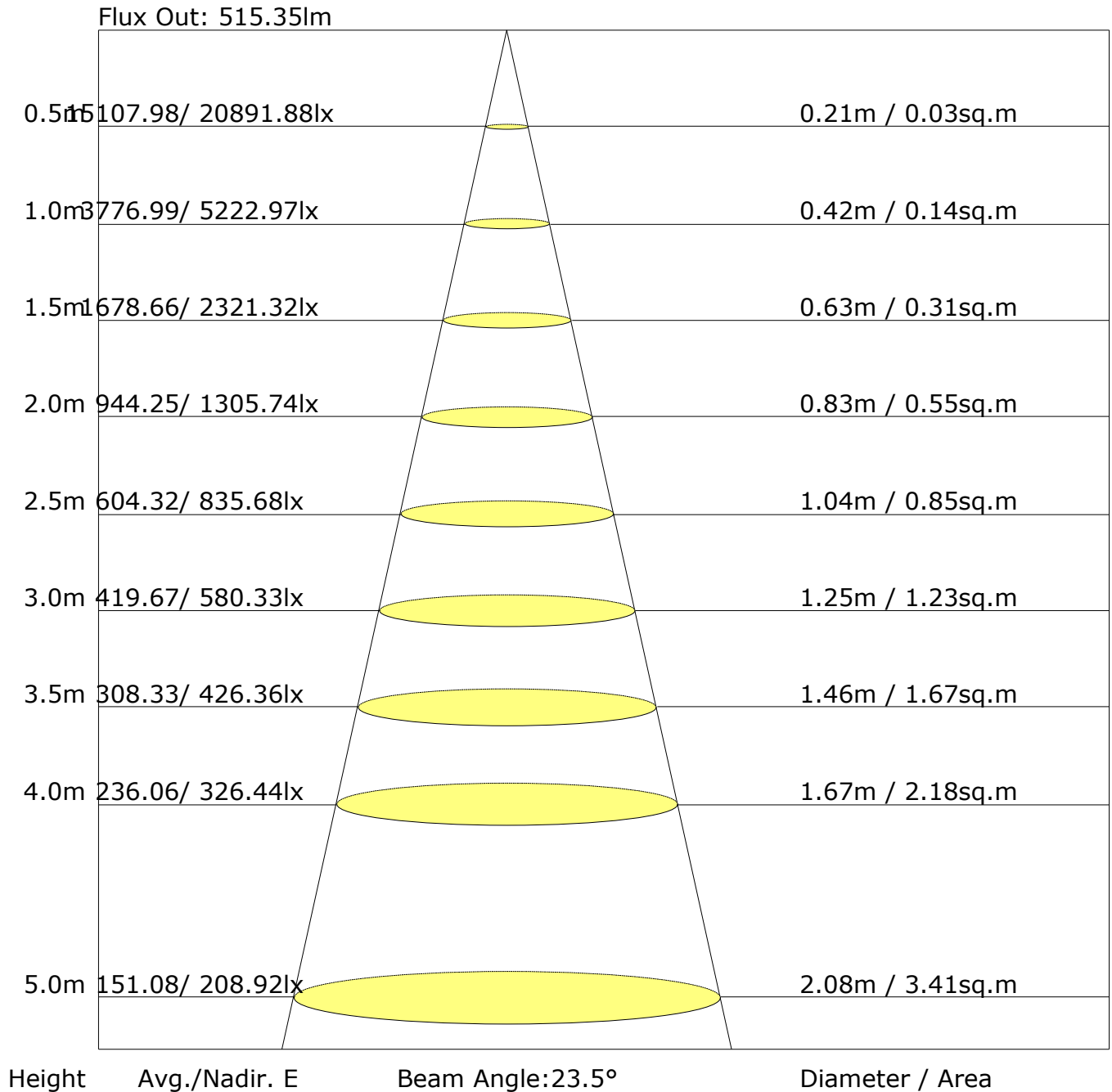


Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 5223.0 lx
 (1%): 52.2 lx (2%): 104.5 lx
 (5%): 261.1 lx (10%): 522.3 lx
 (20%): 1044.6 lx (50%): 2611.5 lx
 (100%): 5223.0 lx

The Average Illuminance Effective Figure



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