

Report No.: 1

Test Time: 2017-01-10 14:24

Luminaire Property

Luminaire Category: 0401.W.H341.6
Luminaire Description: 60026
Length (mm): 96
Height (mm): 3
Current: 0.055 A
Power Factor: 0.977

Luminaire Manufacturer: Brasled
Width (mm): 96
Voltage: 230.0 V
Power: 12.41 W

Photometric Results

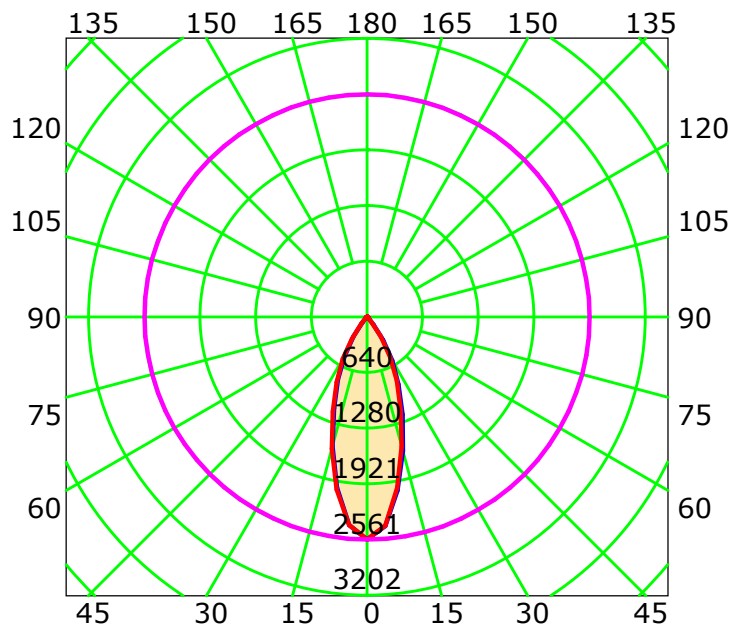
CIE Class: Direct
Measurement Flux: 1294.1 lm
Downward Ratio: 100%
Field Angle: H72.2 V71.8
Luminaire Efficacy Rating (LER): 104
Max. Intensity: 2561.64 cd

Total Rated Lamp Lumens: 1294.1 lm
Efficiency: 100%
Upward Ratio: 0%
Beam Angle: H37.0 V36.8
Central Intensity: 2561.31 cd
Pos of Max. Intensity: H22.5 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



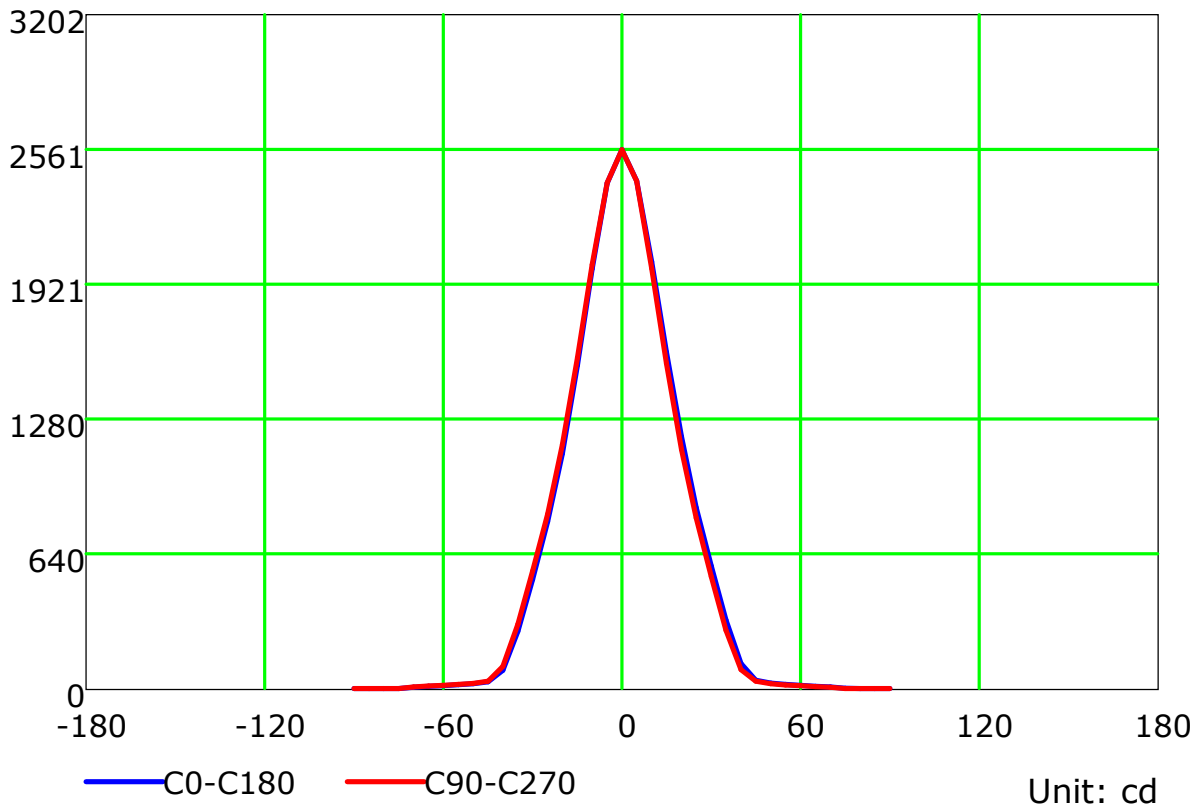
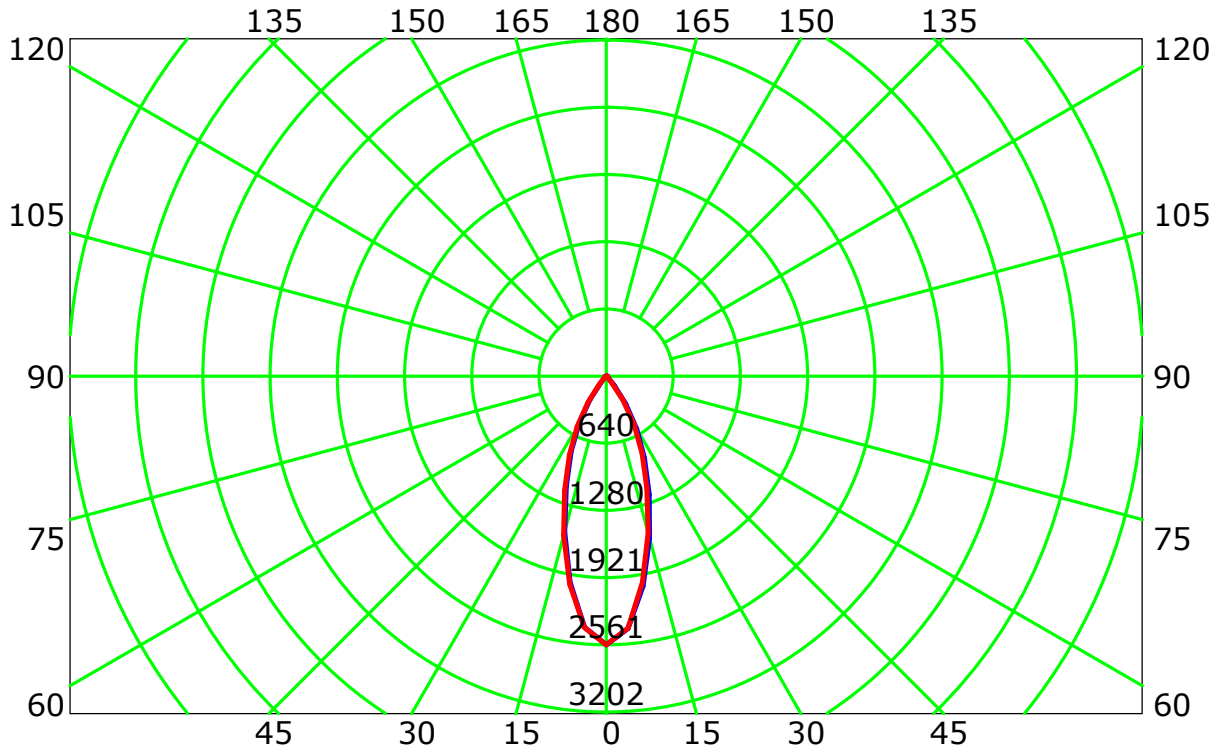
Average Diffuse Angle(50%): 36.9° Unit: cd

— 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



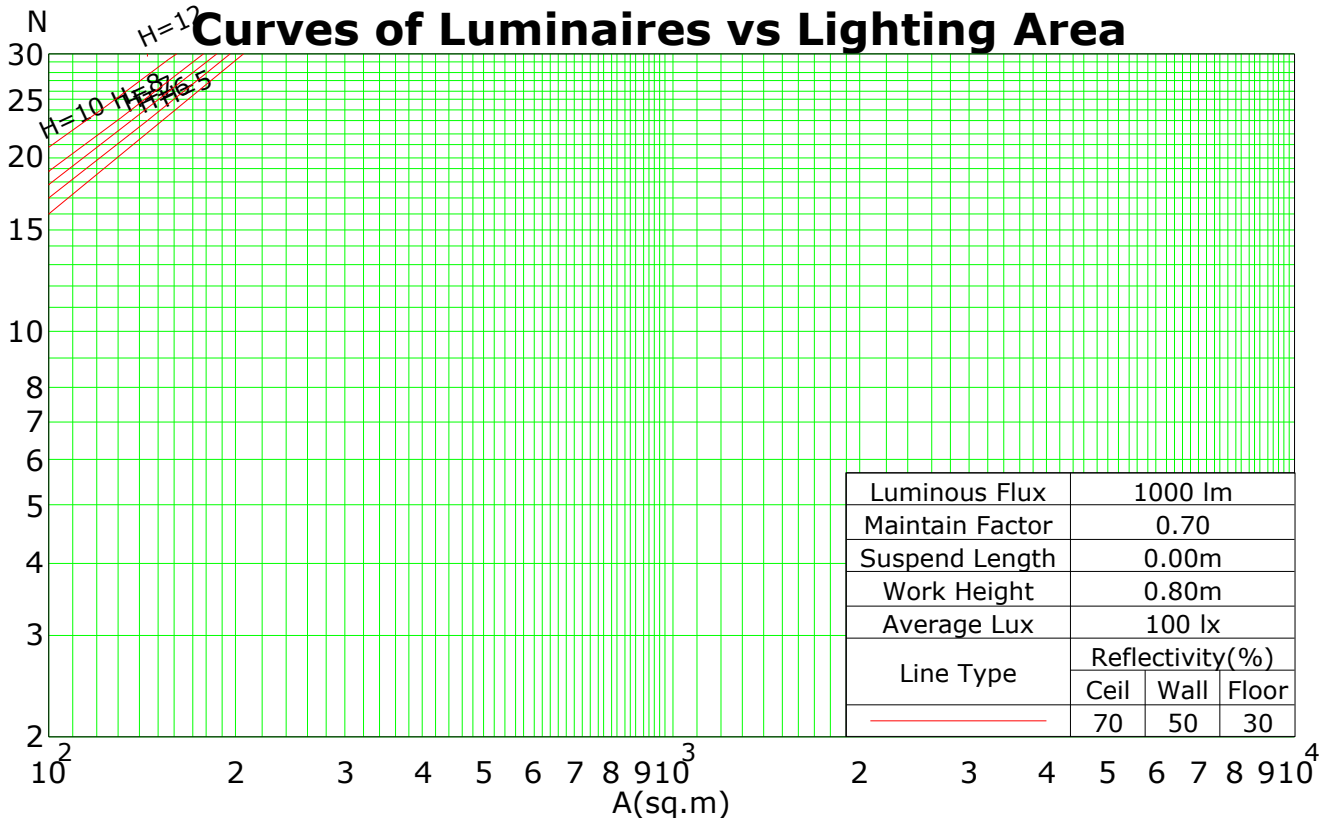
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Coefficients Of Utilization - Zonal Cavity Method

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	101	97	107	103	99	96	99	97	94	96	94	92	94	92	90	89
3	104	98	93	90	102	97	92	89	94	90	88	92	89	86	89	87	85	83
4	99	92	87	83	98	91	87	83	89	85	82	87	84	81	85	82	80	79
5	95	87	82	78	93	86	81	78	85	80	77	83	79	76	81	78	76	74
6	91	83	77	73	89	82	77	73	80	76	73	79	75	72	78	74	72	70
7	87	78	73	69	86	78	73	69	77	72	69	75	71	68	74	71	68	67
8	83	75	69	65	82	74	69	65	73	68	65	72	68	65	71	67	65	63
9	80	71	66	62	79	71	66	62	70	65	62	69	65	62	68	64	61	60
10	77	68	63	59	76	68	62	59	67	62	59	66	62	59	65	61	59	57

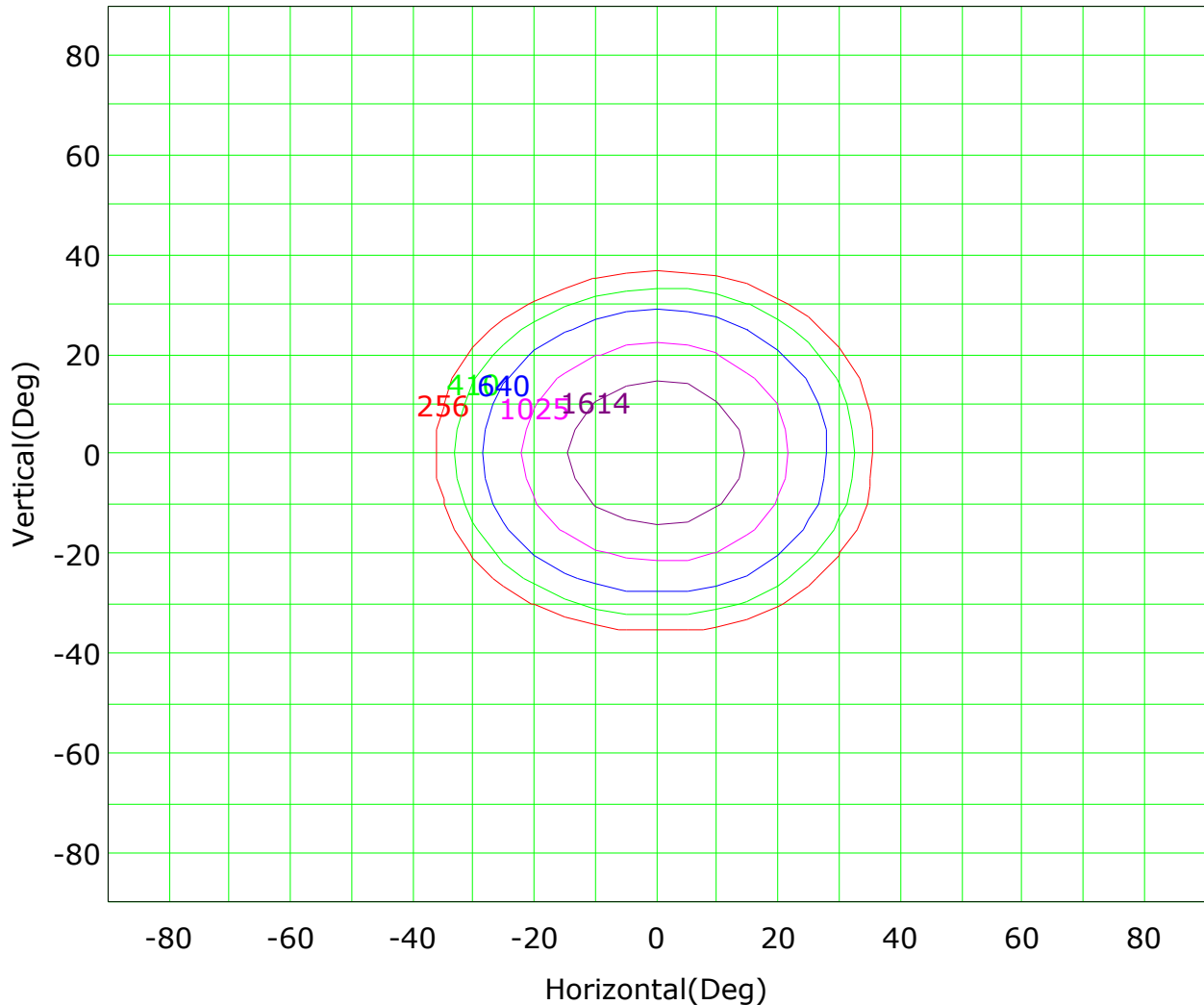
Spacing Criteria (0-180): 0.59
 Spacing Criteria (90-270): 0.59
 Spacing Criteria (Diagonal): 0.65



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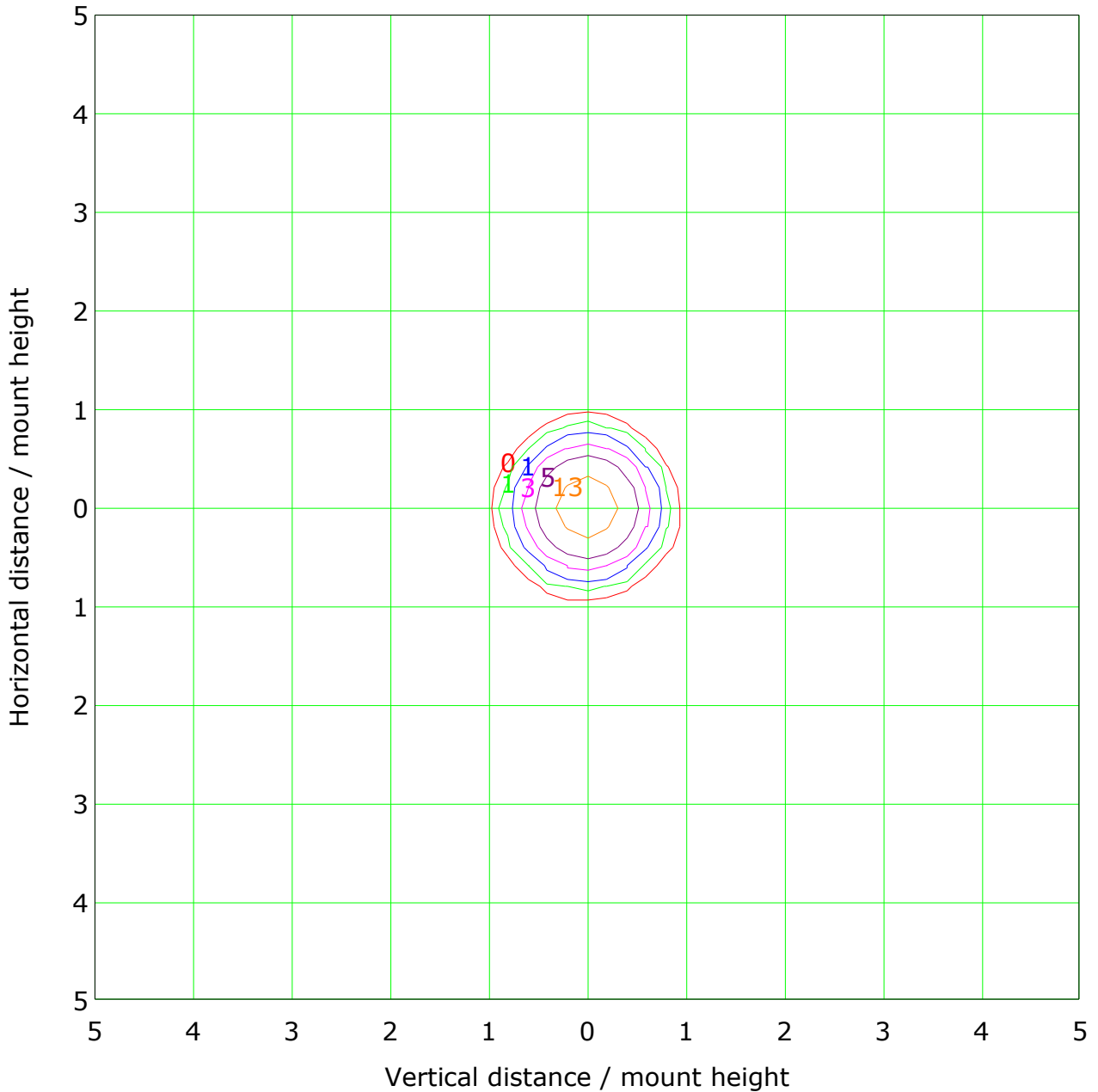
Isocandela (rectangle)



Imax (100%): 2562 cd

- | | |
|-------------------|-------------------|
| — (10%): 256 cd | — (16%): 410 cd |
| — (25%): 640 cd | — (40%): 1025 cd |
| — (63%): 1614 cd | — (100%): 2562 cd |

IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 25.6 lx	
— (1%):	0.3 lx	— (2%):	0.5 lx
— (5%):	1.3 lx	— (10%):	2.6 lx
— (20%):	5.1 lx	— (50%):	12.8 lx
— (100%):	25.6 lx		

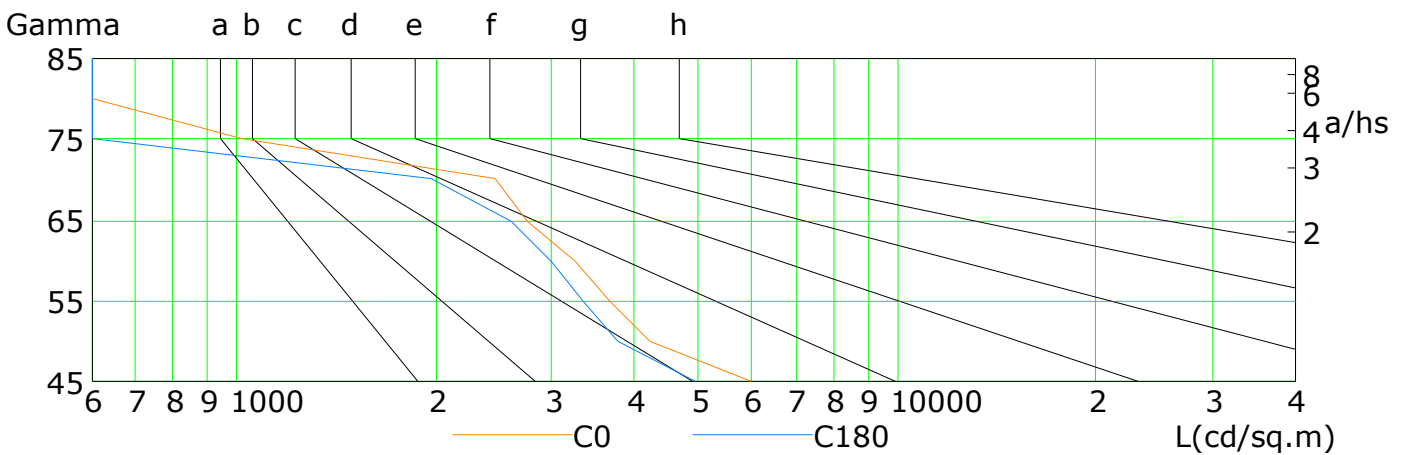
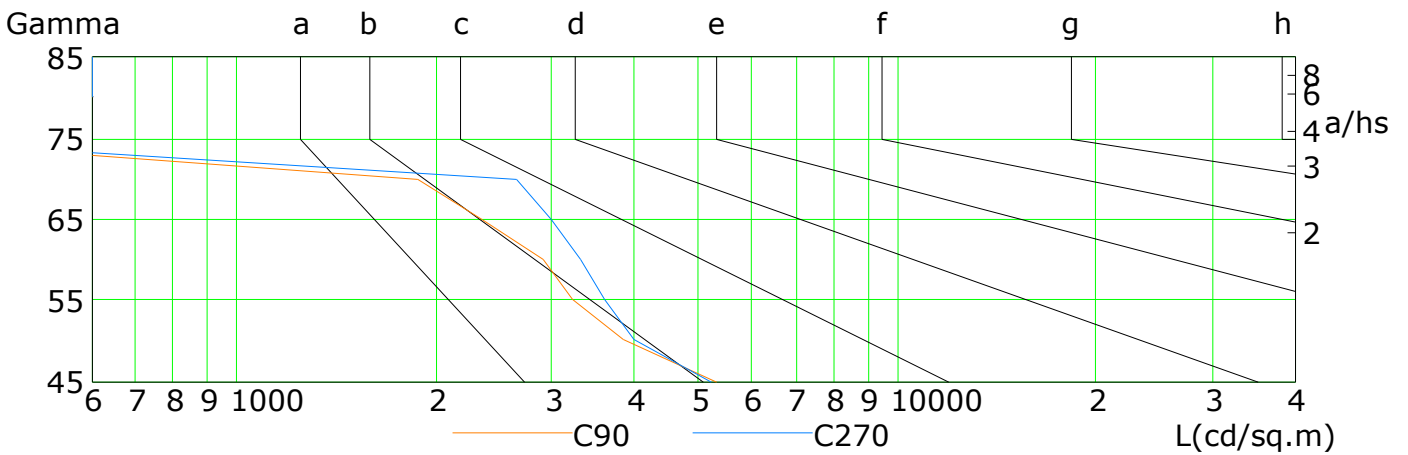
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Lum Limit Curve

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

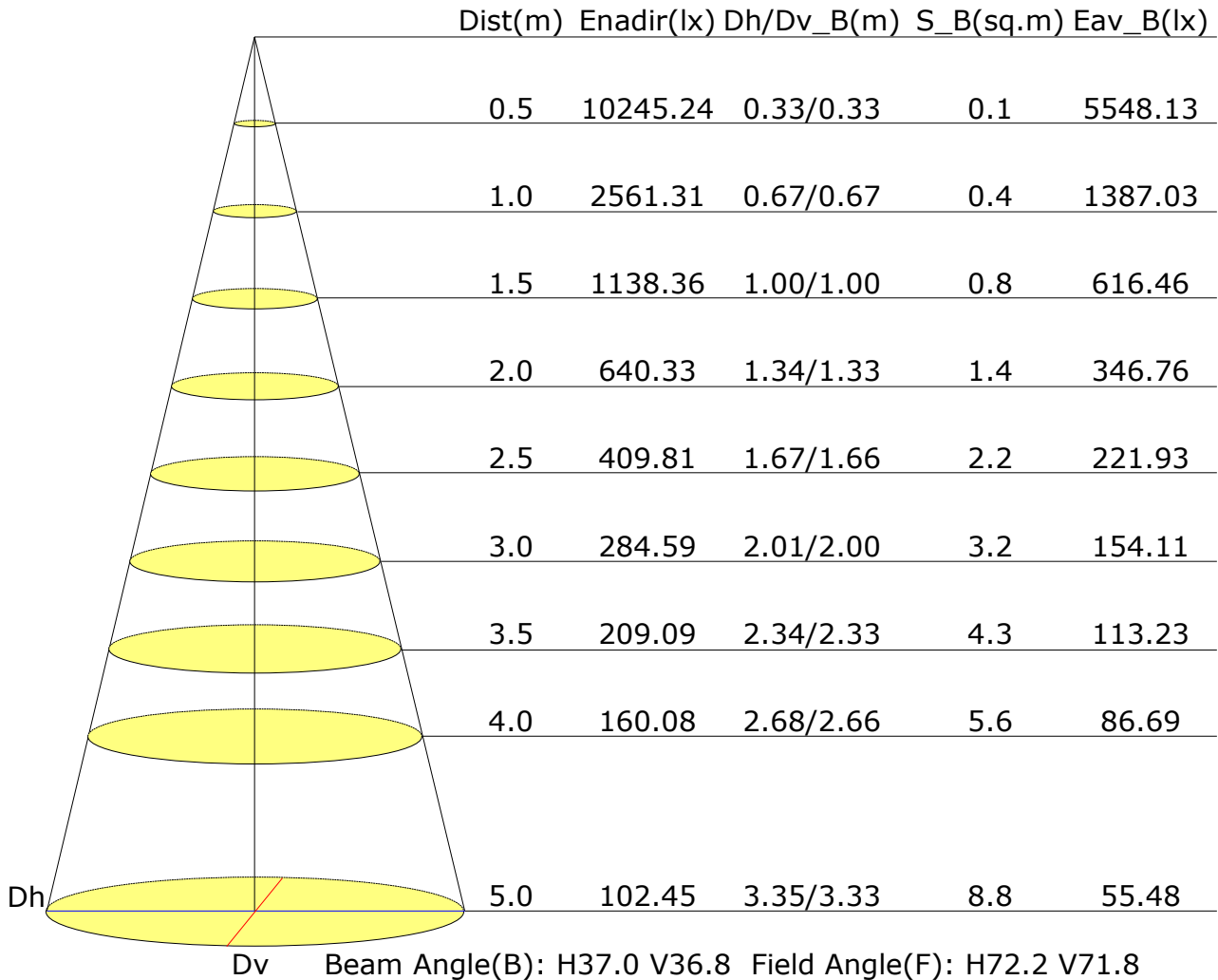


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	6007	4215	3654	3255	2753	2457	1010	0	0
C90	5306	3833	3229	2909	2348	1867	252	0	0
C180	4955	3777	3350	2977	2589	1966	0	0	0
C270	5207	3997	3595	3325	2996	2653	252	0	0

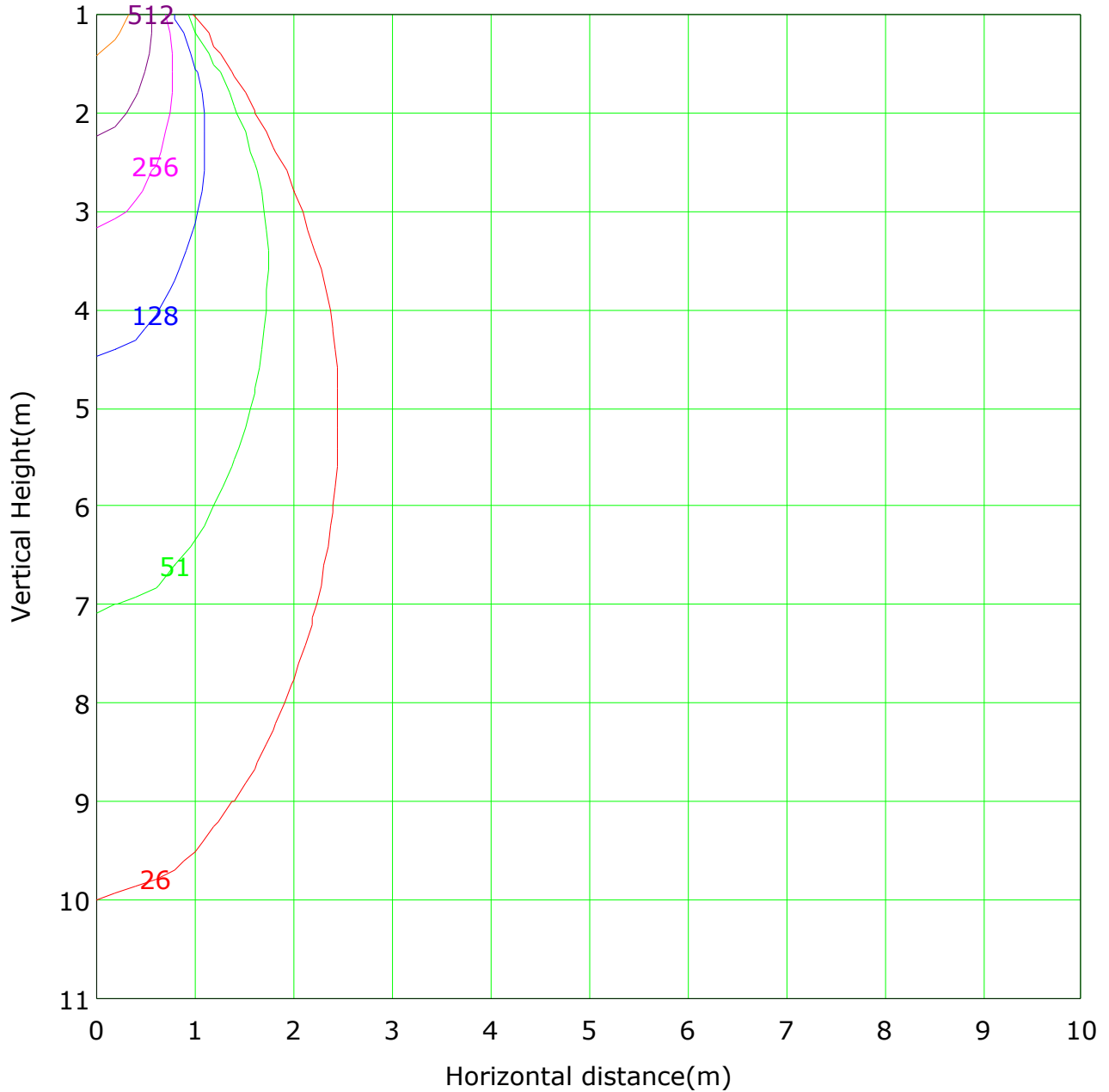
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Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 2561.3 lx
 (1%): 25.6 lx (2%): 51.2 lx
 (5%): 128.1 lx (10%): 256.1 lx
 (20%): 512.3 lx (50%): 1280.7 lx
 (100%): 2561.3 lx

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The Average Illuminance Effective Figure

