

Report No.: 1

Test Time: 2017-01-06 10:40

Luminaire Property

Luminaire Category: 0122.W.A531.6
Luminaire Description: 60055
Length (mm): 166
Height (mm): 9
Current: 0.111 A
Power Factor: 0.977

Luminaire Manufacturer: Brasled
Width (mm): 166
Voltage: 230.2 V
Power: 24.97 W

Photometric Results

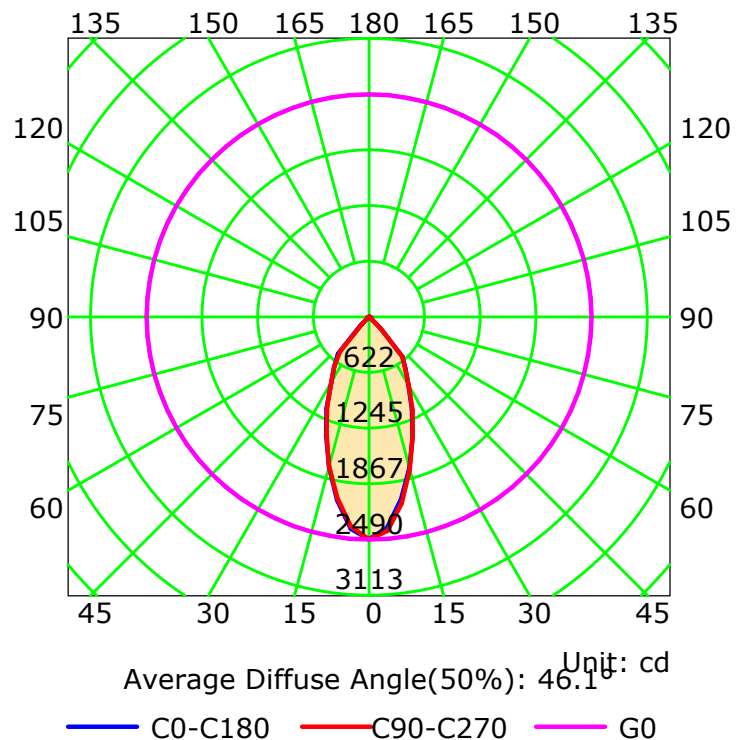
CIE Class: Direct
Measurement Flux: 1886.3 lm
Downward Ratio: 100%
Field Angle: H87.9 V87.5
Luminaire Efficacy Rating (LER): 76
Max. Intensity: 2490.57 cd

Total Rated Lamp Lumens: 1886.3 lm
Efficiency: 100%
Upward Ratio: 0%
Beam Angle: H46.1 V46.1
Central Intensity: 2490.56 cd
Pos of Max. Intensity: H0 V0

Picture Of Luminaire



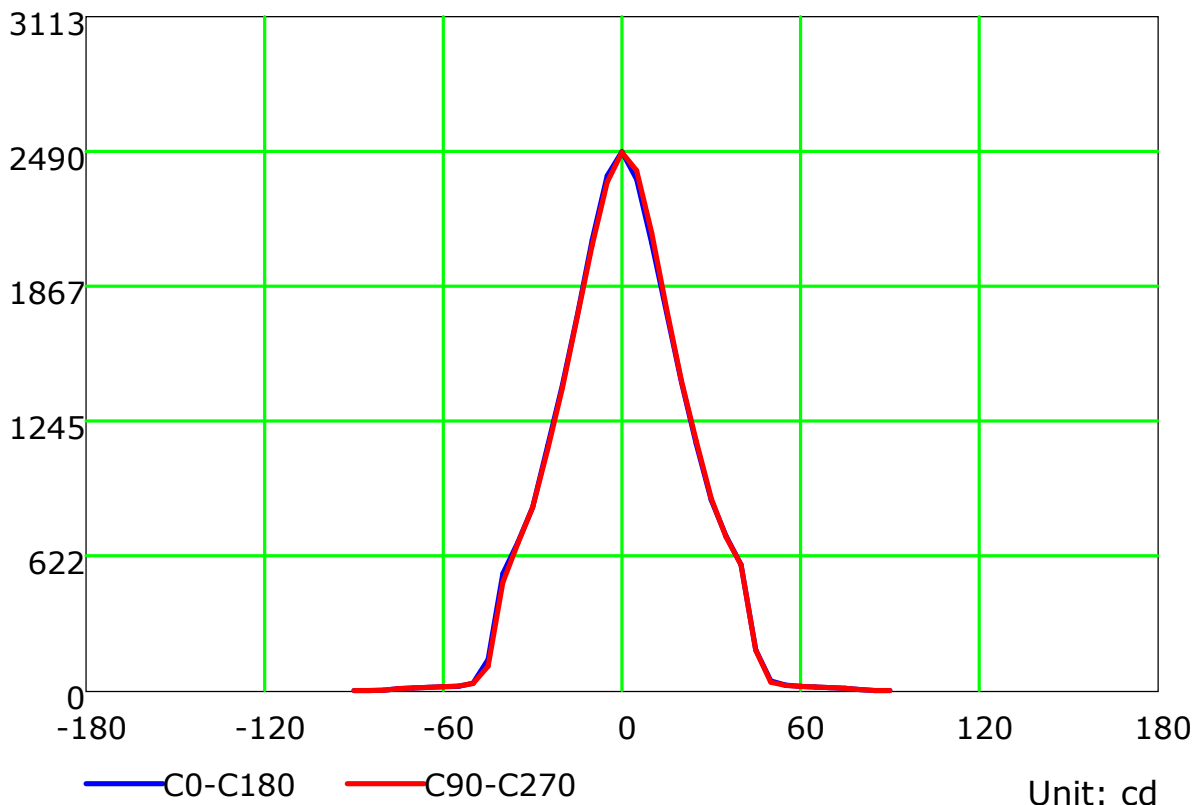
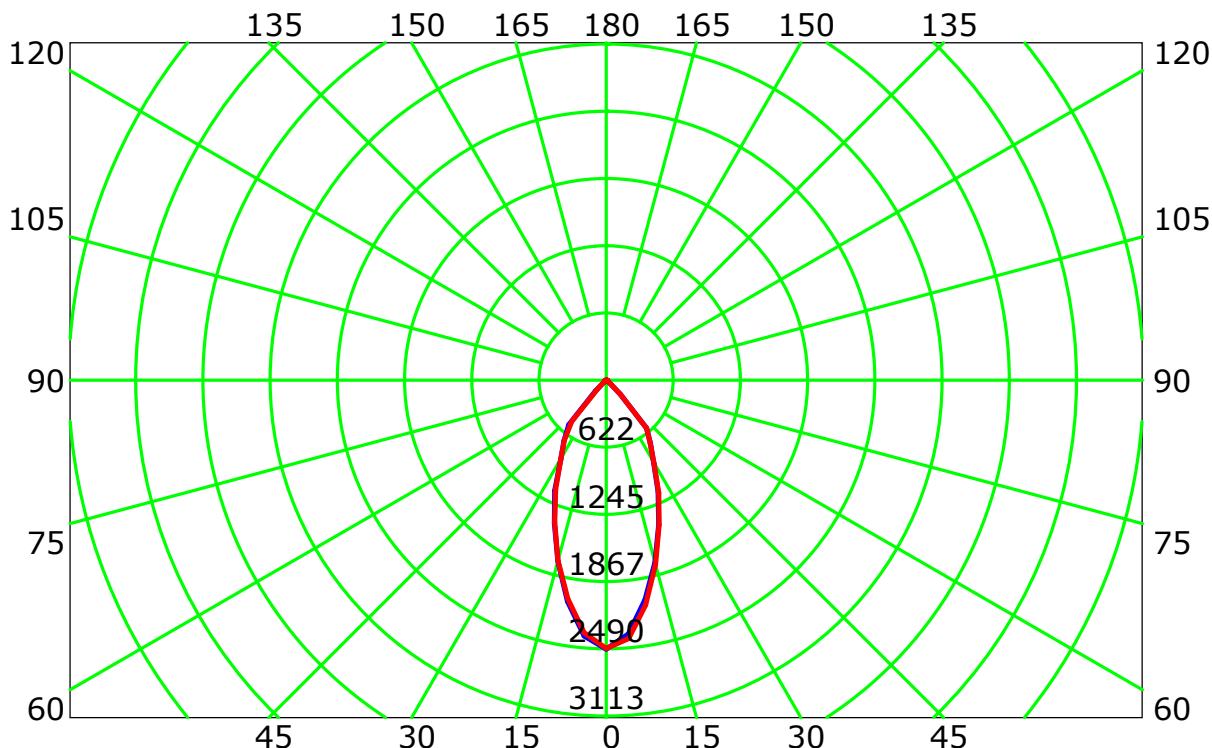
Luminous Intensity Distribution Curve



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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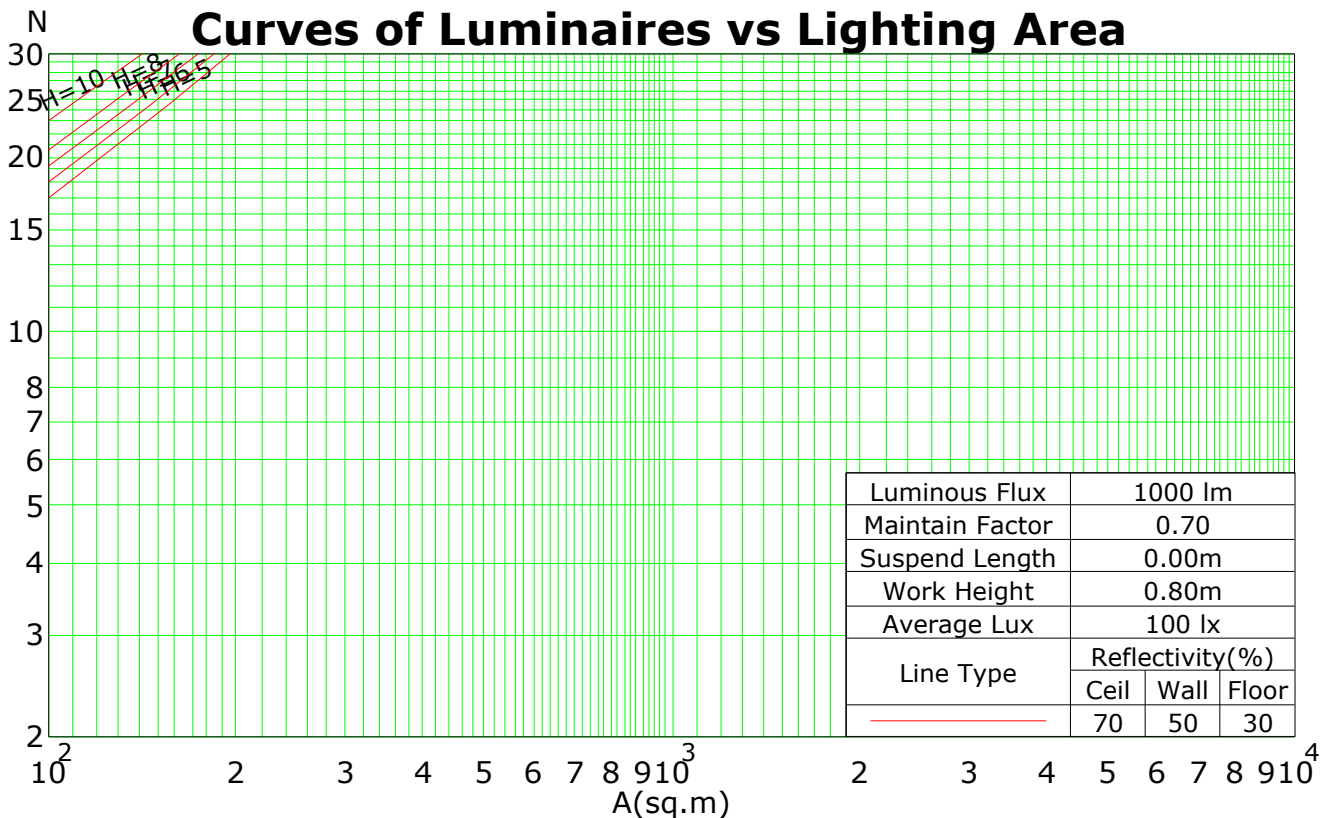
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Unit: cd

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	113	110	108	105	111	108	106	104	104	102	101	100	99	98	97	96	95	93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86
3	102	95	90	86	100	94	89	85	91	87	84	89	85	82	86	84	81	80
4	96	89	83	78	95	87	82	78	85	81	77	83	79	76	81	78	75	74
5	91	83	77	72	90	82	76	72	80	75	71	78	74	71	77	73	70	68
6	87	77	71	67	85	77	71	67	75	70	66	74	69	66	72	68	65	64
7	82	73	66	62	81	72	66	62	71	65	62	69	65	61	68	64	61	59
8	78	68	62	58	77	68	62	58	67	61	58	66	61	57	65	60	57	56
9	74	64	58	54	73	64	58	54	63	58	54	62	57	54	61	57	54	52
10	71	61	55	51	70	60	55	51	60	54	51	59	54	51	58	54	50	49

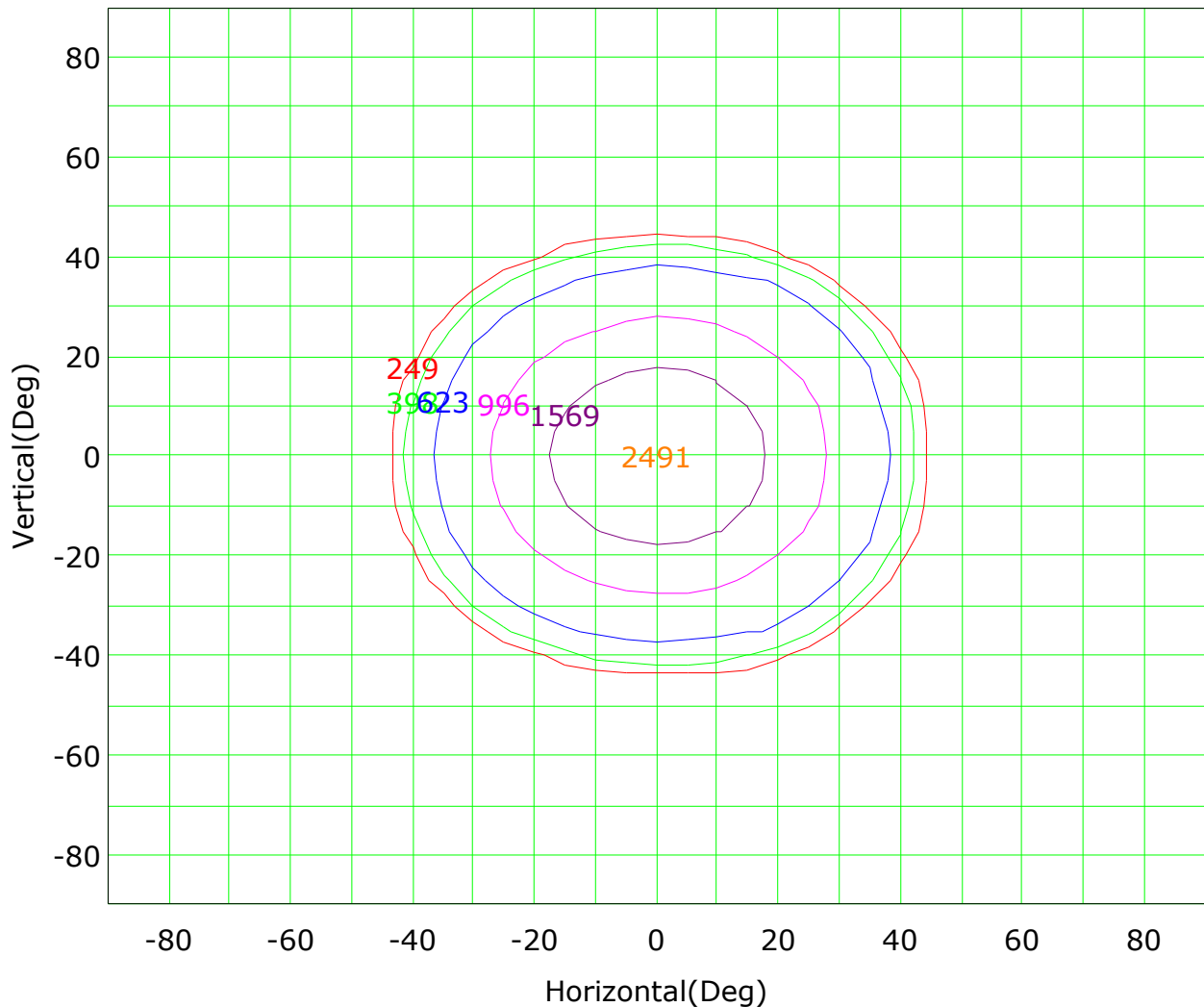
Spacing Criteria (0-180): 0.69
 Spacing Criteria (90-270): 0.69
 Spacing Criteria (Diagonal): 0.78



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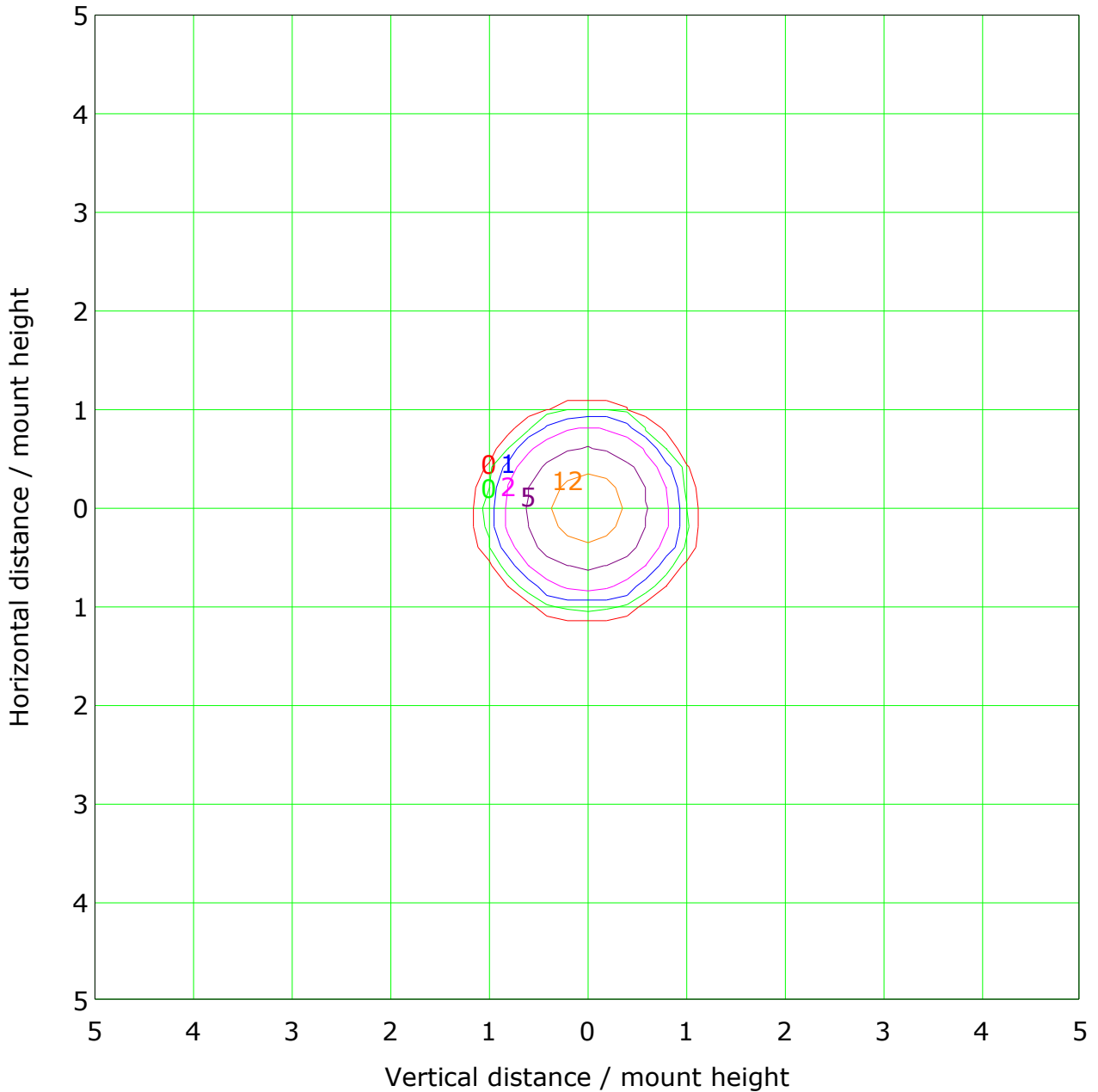
Isocandela (rectangle)



Imax (100%): 2491 cd

- | | |
|-------------------|-------------------|
| — (10%): 249 cd | — (16%): 398 cd |
| — (25%): 623 cd | — (40%): 996 cd |
| — (63%): 1569 cd | — (100%): 2491 cd |

IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 24.9 lx	
— (1%):	0.2 lx	— (2%):	0.5 lx
— (5%):	1.2 lx	— (10%):	2.5 lx
— (20%):	5.0 lx	— (50%):	12.5 lx
— (100%):	24.9 lx		

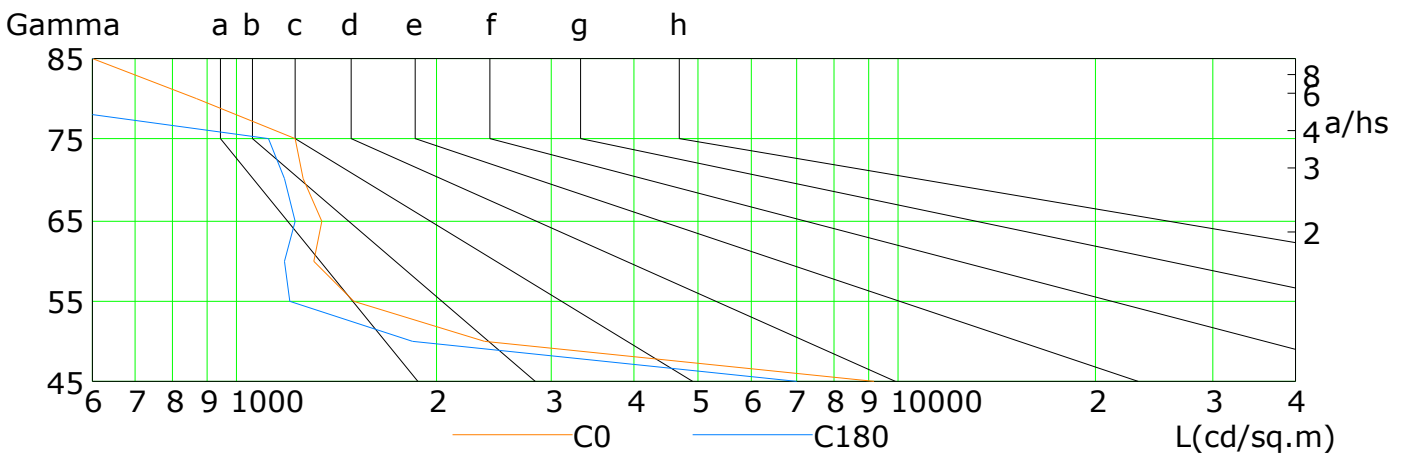
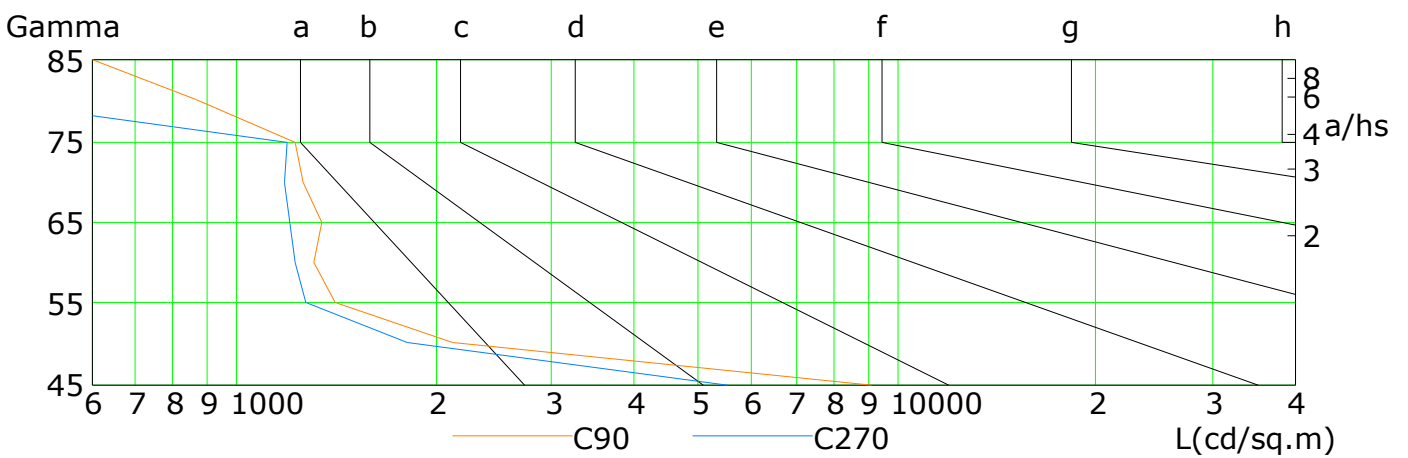
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Lum Limit Curve

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

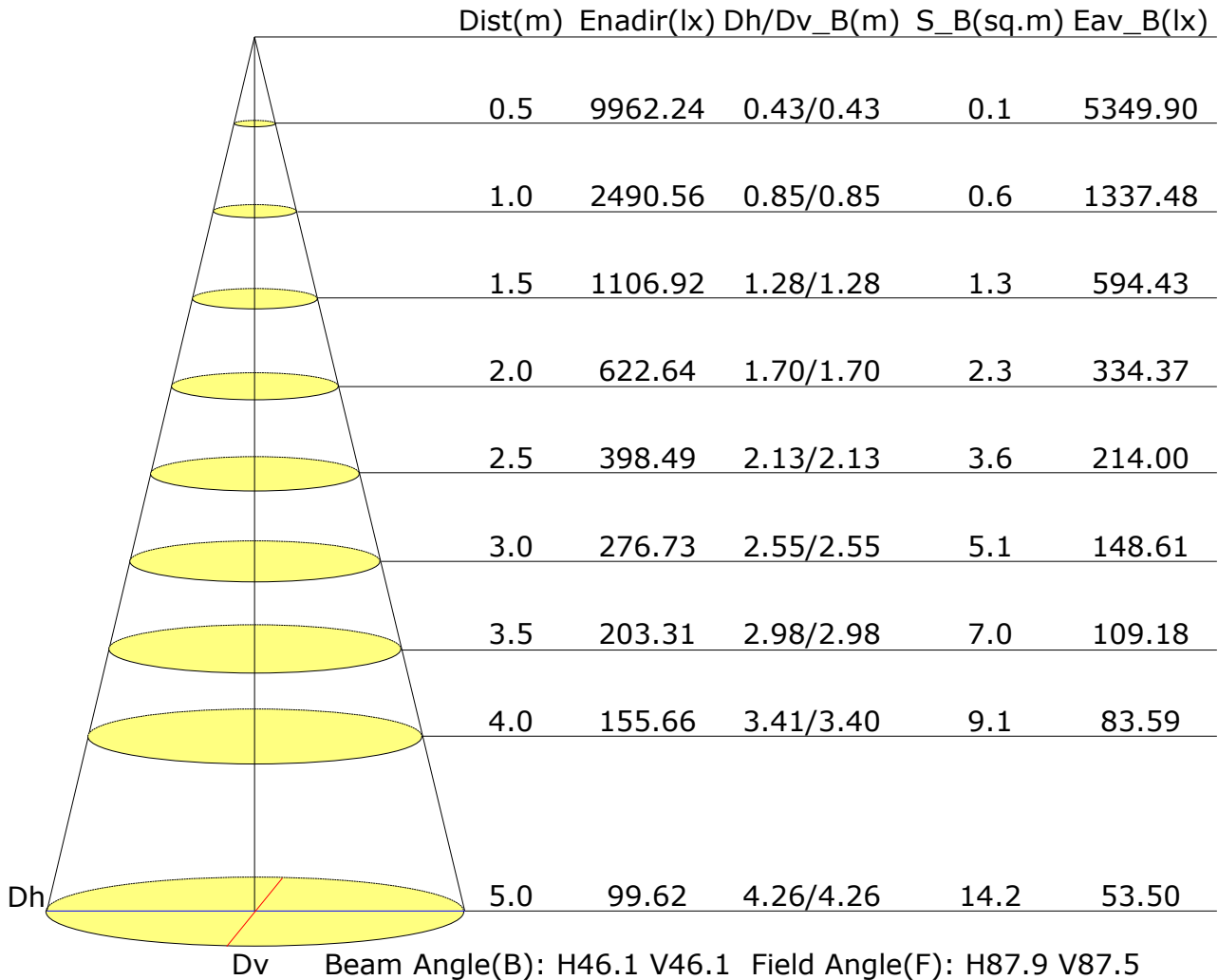


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	9174	2376	1493	1307	1345	1262	1223	863	0
C90	9143	2106	1399	1307	1345	1262	1223	863	0
C180	7039	1837	1194	1181	1222	1174	1111	406	0
C270	5508	1803	1269	1223	1198	1174	1186	406	0

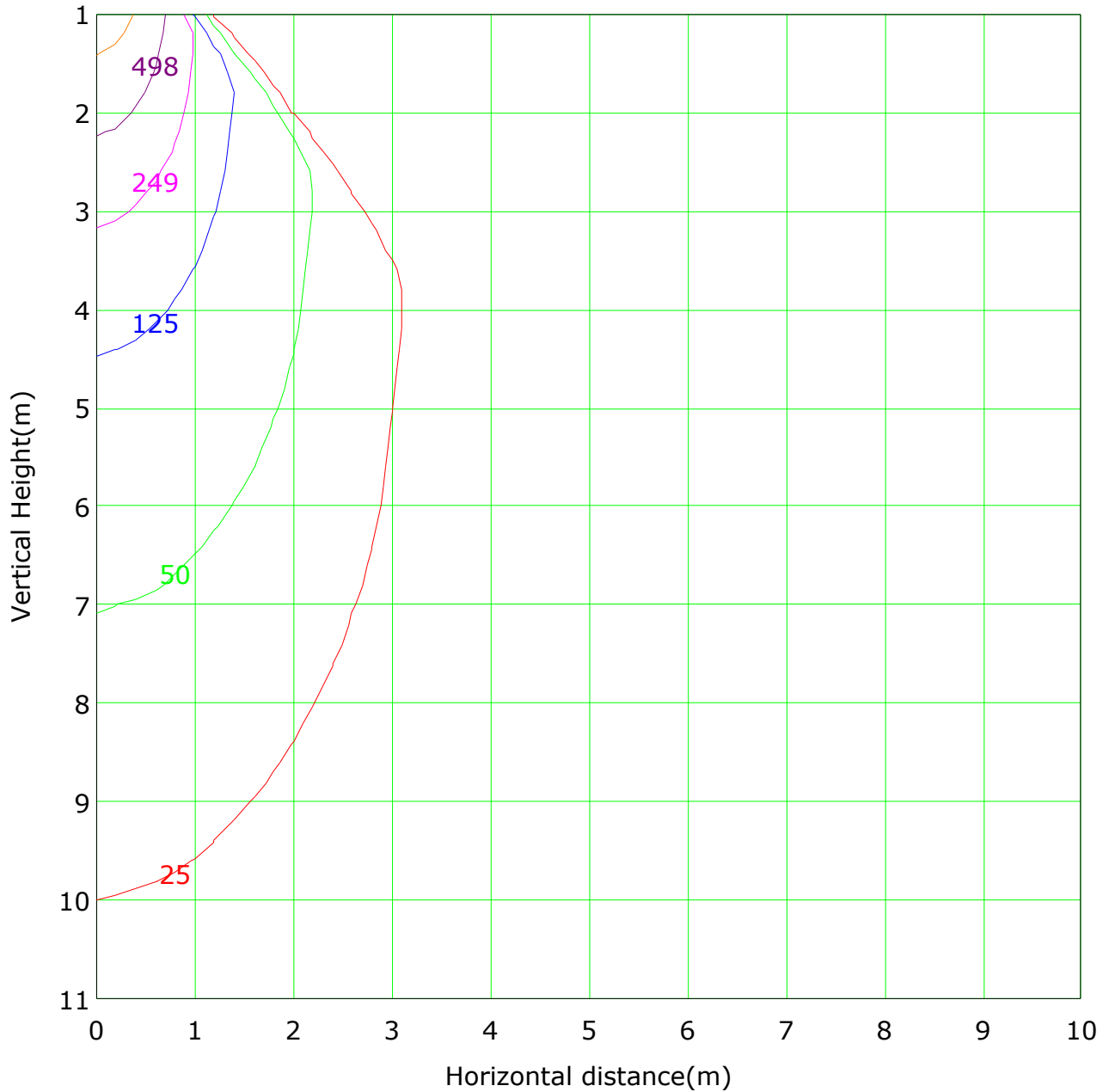
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Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 2490.6 lx

— (1%): 24.9 lx	— (2%): 49.8 lx
— (5%): 124.5 lx	— (10%): 249.1 lx
— (20%): 498.1 lx	— (50%): 1245.3 lx
— (100%): 2490.6 lx	

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The Average Illuminance Effective Figure

