

Report No.: 1

Test Time: 2017-01-12 09:09

Luminaire Property

Luminaire Category: 0407.G.U241.6
Luminaire Description: 60080
Length (mm): 90
Height (mm): 3
Current: 0.057 A
Power Factor: 0.973

Luminaire Manufacturer: Brasled
Width (mm): 90
Voltage: 230.1 V
Power: 12.88 W

Photometric Results

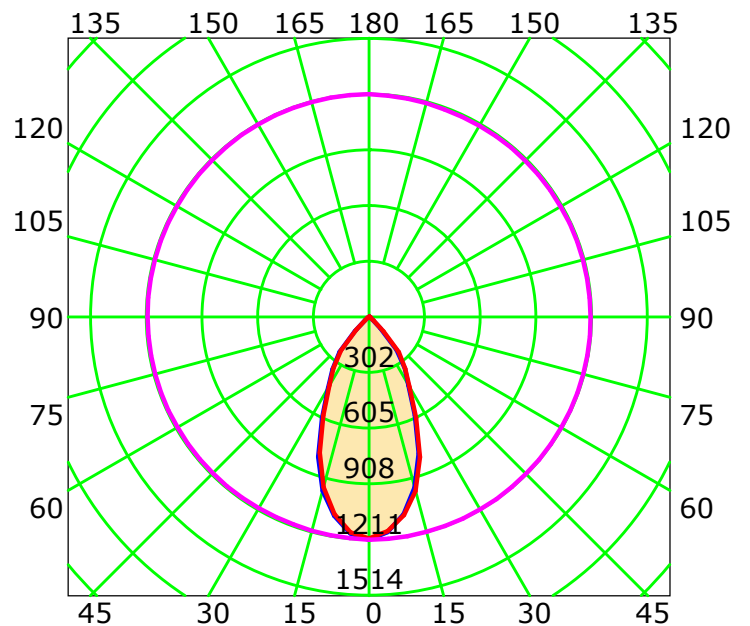
CIE Class: Direct
Measurement Flux: 979 lm
Downward Ratio: 100%
Field Angle: H88.4 V89.0
Luminaire Efficacy Rating (LER): 76
Max. Intensity: 1211.64 cd

Total Rated Lamp Lumens: 979.0 lm
Efficiency: 100%
Upward Ratio: 0%
Beam Angle: H49.7 V49.9
Central Intensity: 1211.63 cd
Pos of Max. Intensity: H0 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



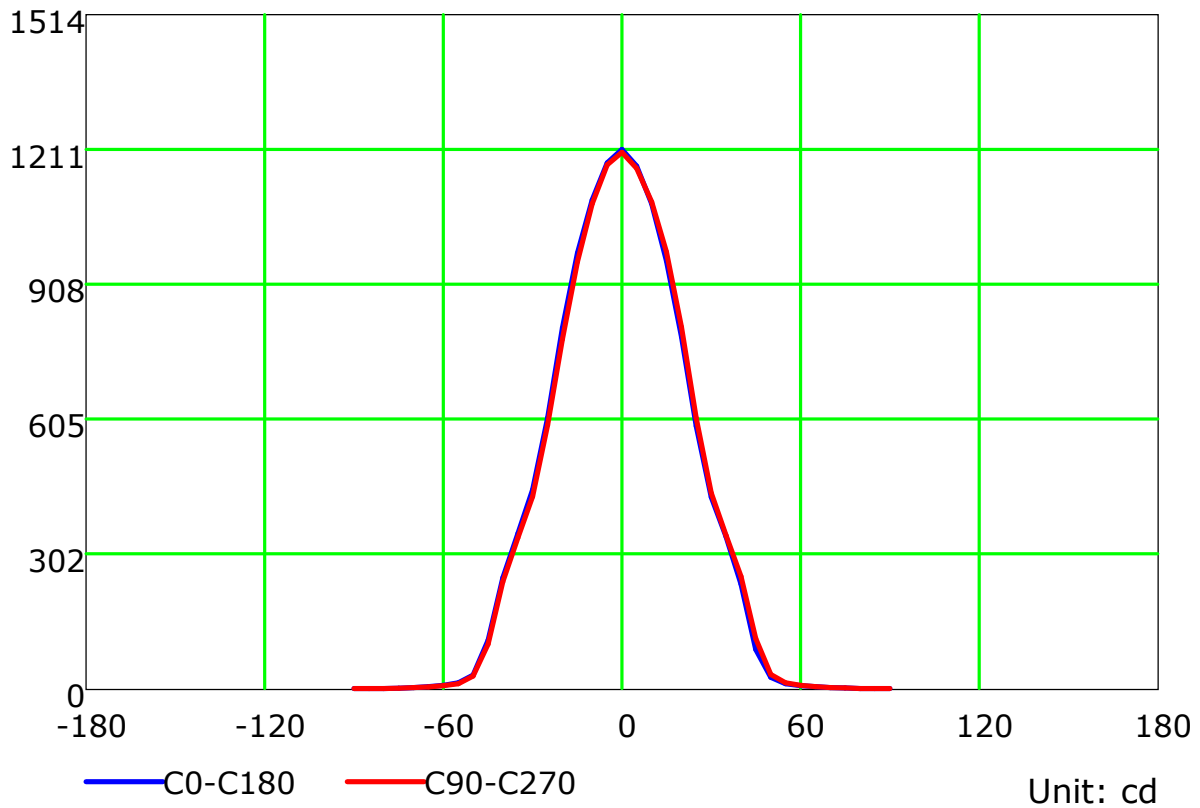
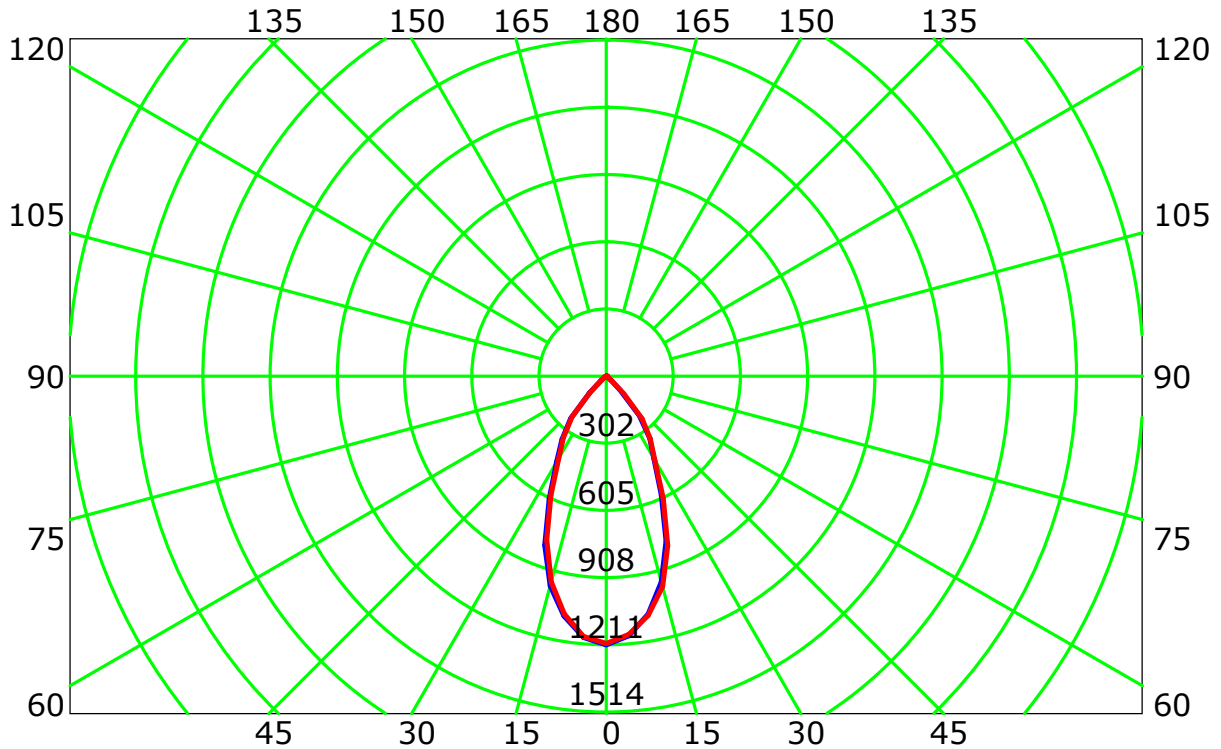
Average Diffuse Angle(50%): 49.8° Unit: cd

— 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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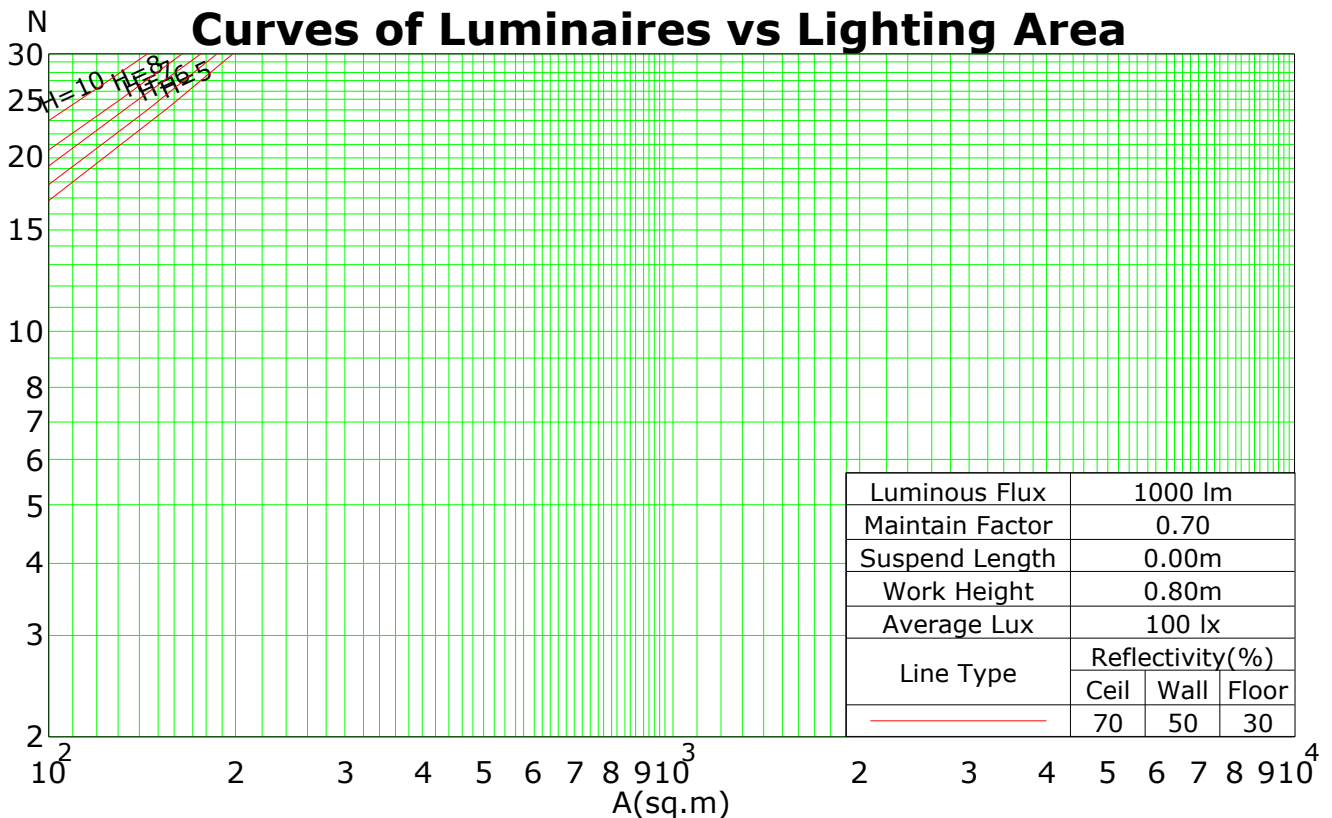
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Unit: cd

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	111	108	106	111	108	106	104	104	103	101	101	99	98	97	96	95	93
2	108	103	99	95	105	101	97	94	98	95	92	95	92	90	92	90	88	86
3	102	96	90	86	100	94	89	86	91	88	84	89	86	83	87	84	82	80
4	97	89	83	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74
5	92	83	77	73	90	82	77	73	80	76	72	79	75	71	77	74	71	69
6	87	78	72	67	86	77	71	67	76	71	67	74	70	66	73	69	66	64
7	83	73	67	63	81	73	67	63	71	66	62	70	65	62	69	65	62	60
8	79	69	63	59	77	68	63	58	67	62	58	66	61	58	65	61	58	56
9	75	65	59	55	74	64	59	55	64	58	55	63	58	54	62	57	54	53
10	71	61	56	52	70	61	55	52	60	55	51	59	55	51	59	54	51	50

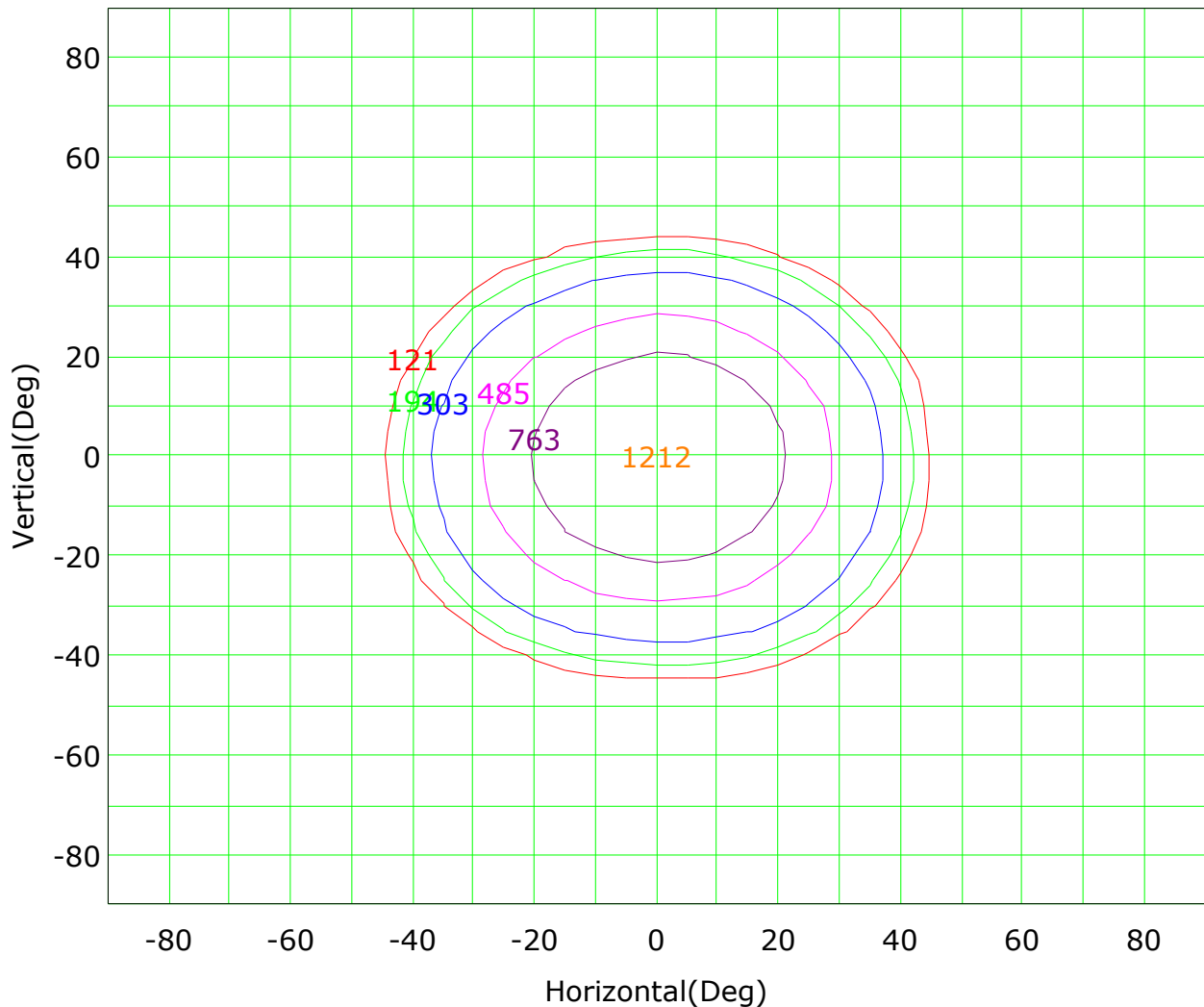
Spacing Criteria (0-180): 0.78
 Spacing Criteria (90-270): 0.78
 Spacing Criteria (Diagonal): 0.80



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Isocandela (rectangle)



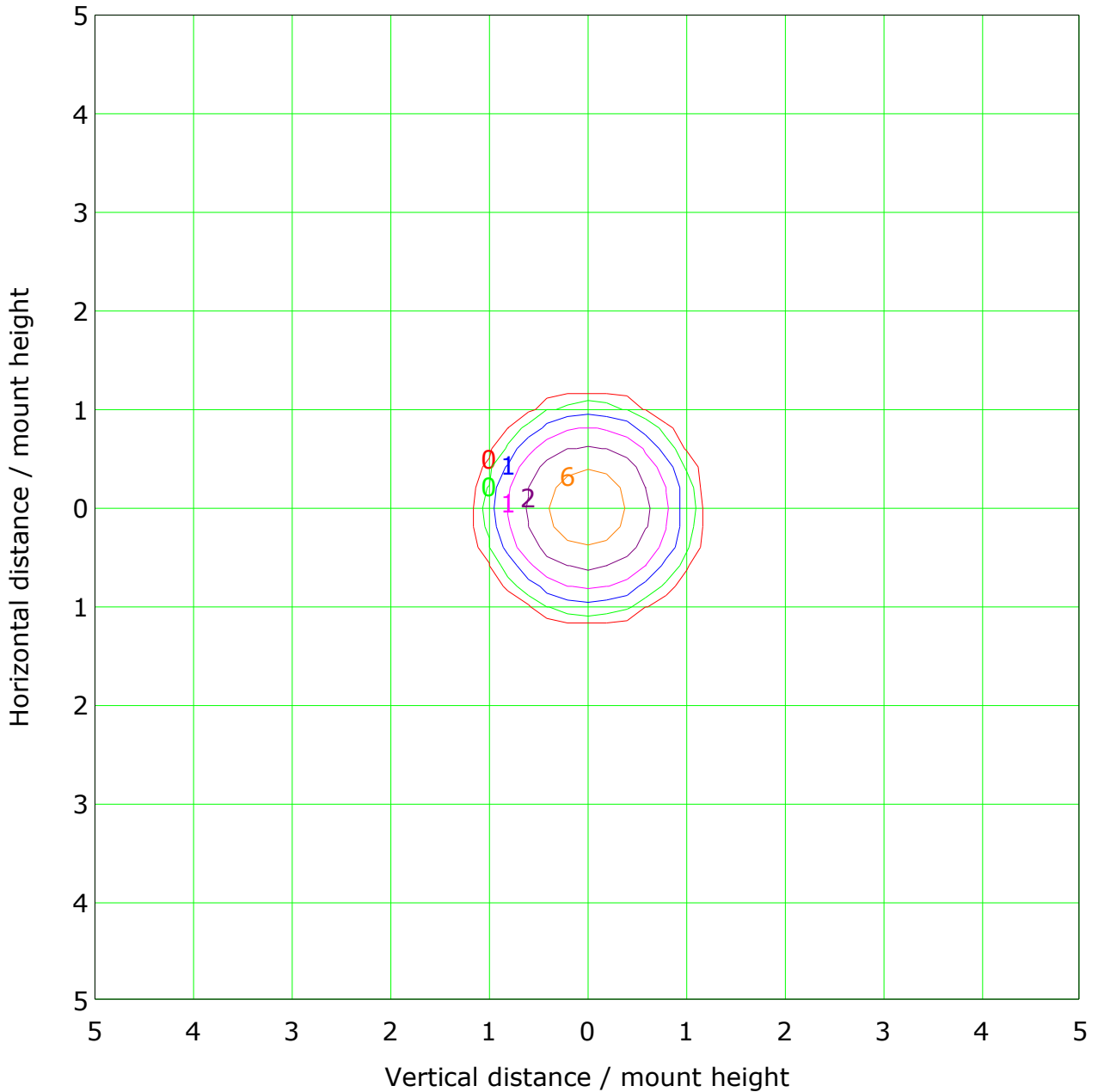
Imax (100%): 1212 cd

— (10%):	121 cd	— (16%):	194 cd
— (25%):	303 cd	— (40%):	485 cd
— (63%):	763 cd	— (100%):	1212 cd

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IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 12.1 lx	
— (1%):	0.1 lx	— (2%):	0.2 lx
— (5%):	0.6 lx	— (10%):	1.2 lx
— (20%):	2.4 lx	— (50%):	6.1 lx
— (100%):	12.1 lx		

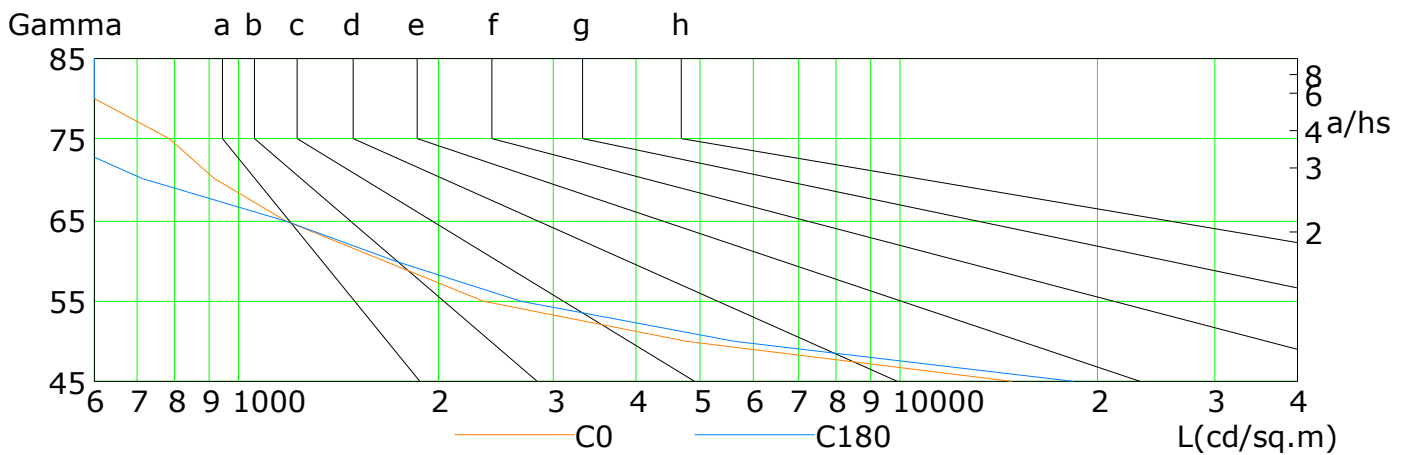
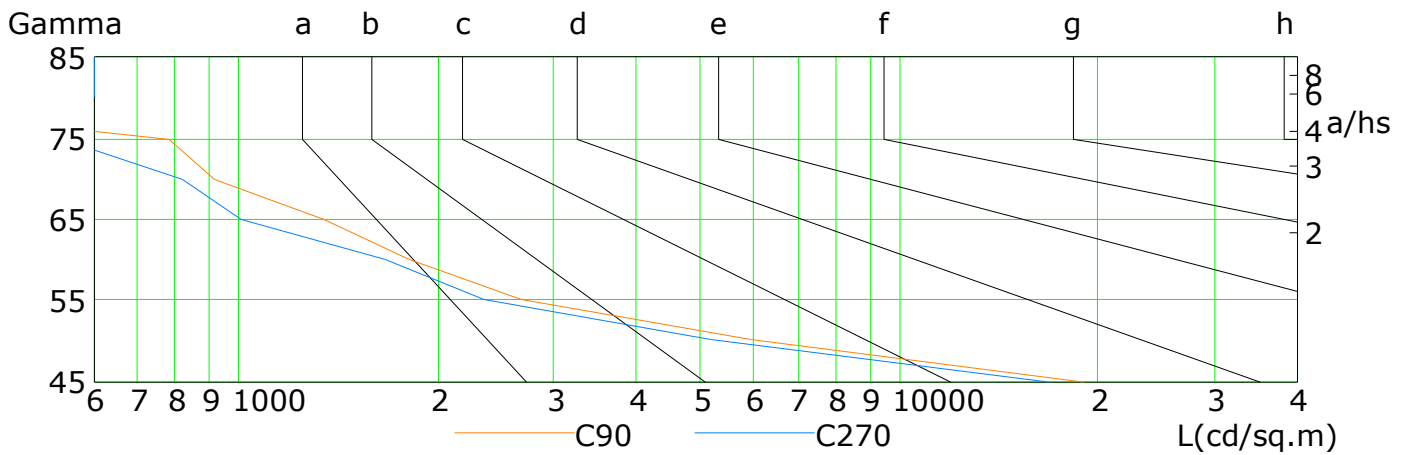
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 Humidity: 60
 Inspector:

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

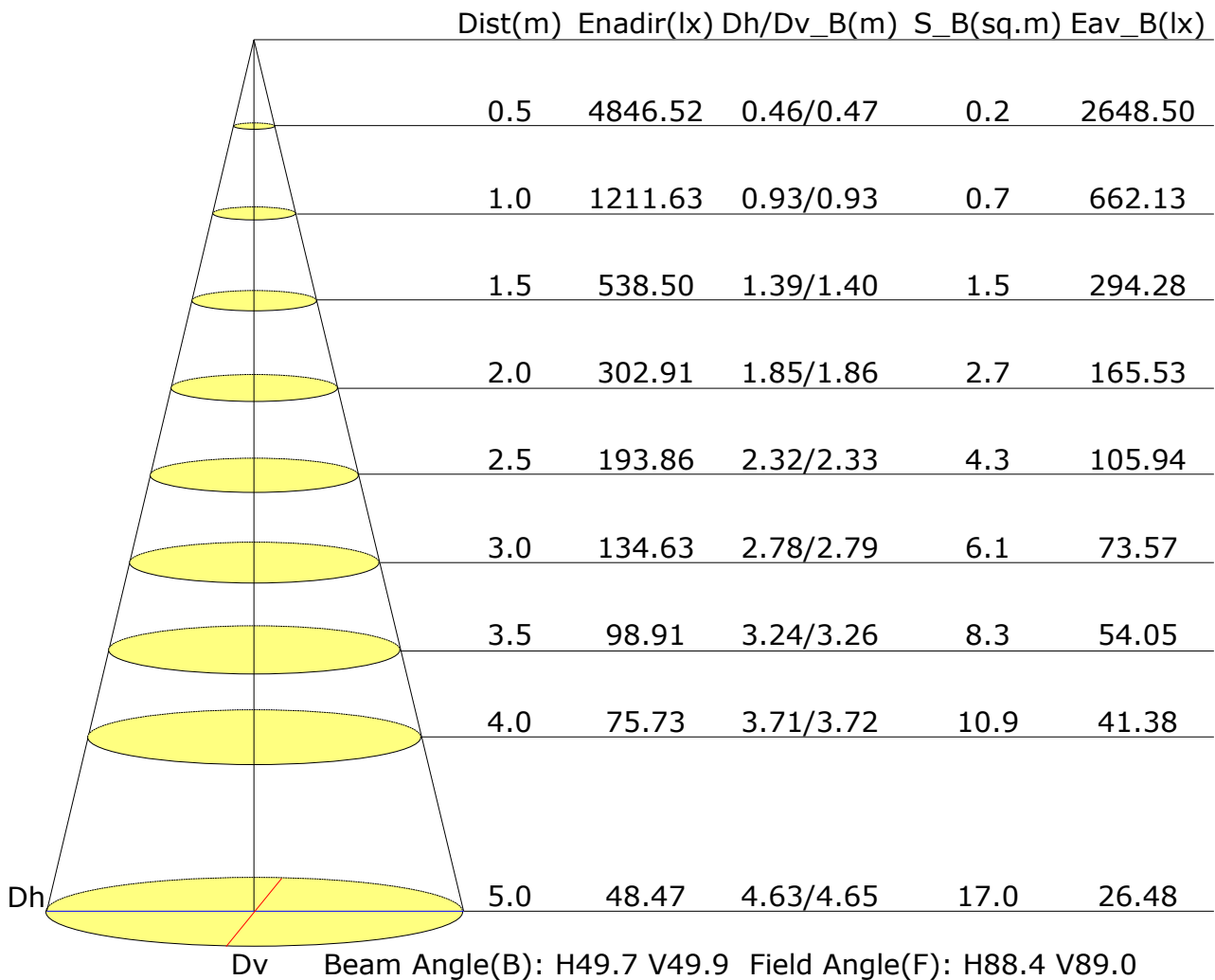


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	14865	4733	2346	1657	1178	919	785	0	0
C90	19037	5930	2665	1802	1347	919	785	185	0
C180	18359	5645	2665	1730	1178	714	522	0	0
C270	16900	5189	2346	1657	1009	817	522	0	0

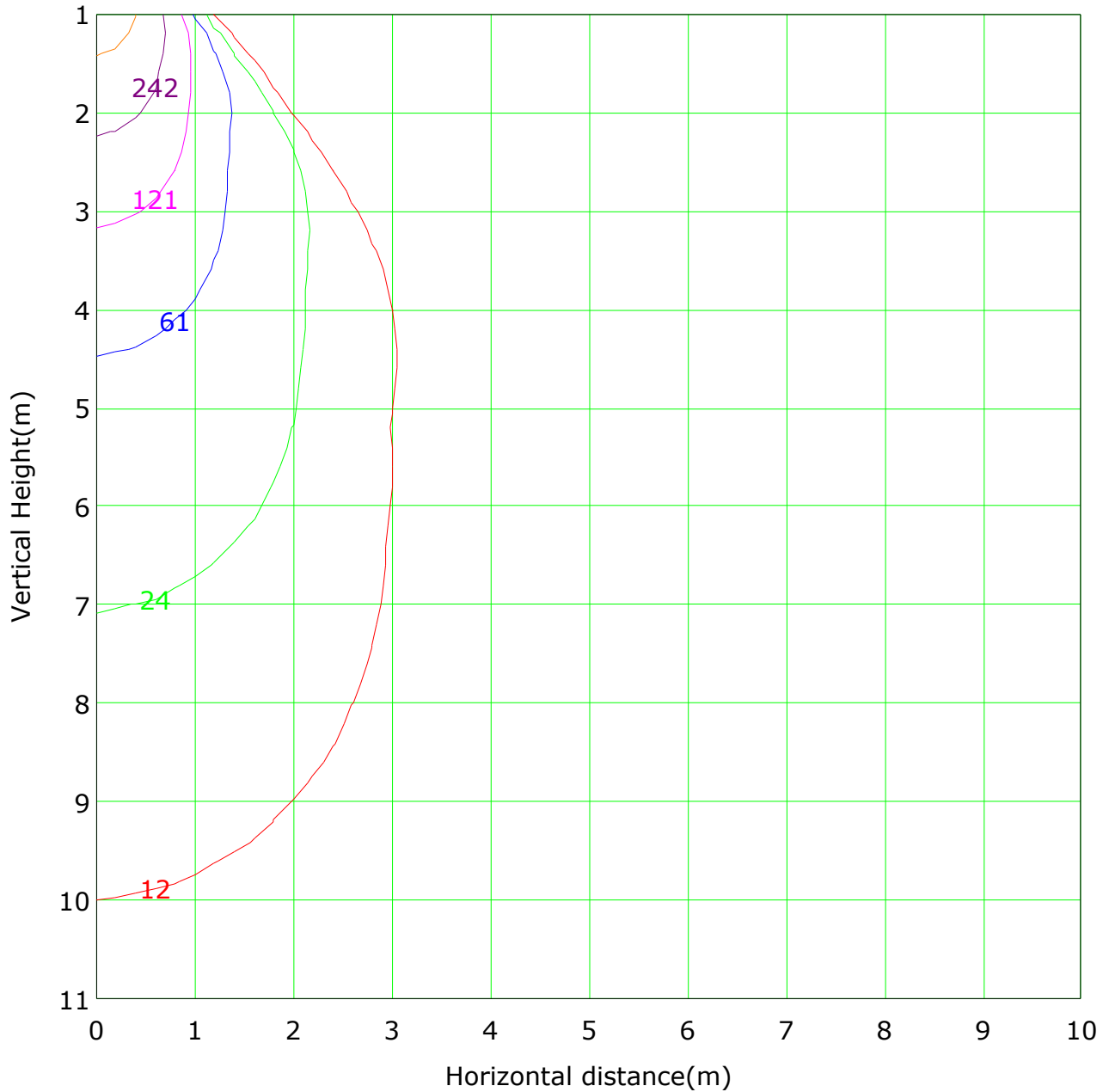
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Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1211.6 lx

— (1%): 12.1 lx	— (2%): 24.2 lx
— (5%): 60.6 lx	— (10%): 121.2 lx
— (20%): 242.3 lx	— (50%): 605.8 lx
— (100%):1211.6 lx	

The Average Illuminance Effective Figure

