

Report No.: 1

Test Time: 2016-12-28 13:55

Luminaire Property

Luminaire Category: 0113.W.U241.6
Luminaire Description: 60064
Length (mm): 114
Height (mm): 3
Current: 0.057 A
Power Factor: 0.978

Luminaire Manufacturer: Brasled
Width (mm): 114
Voltage: 230.1 V
Power: 12.83 W

Photometric Results

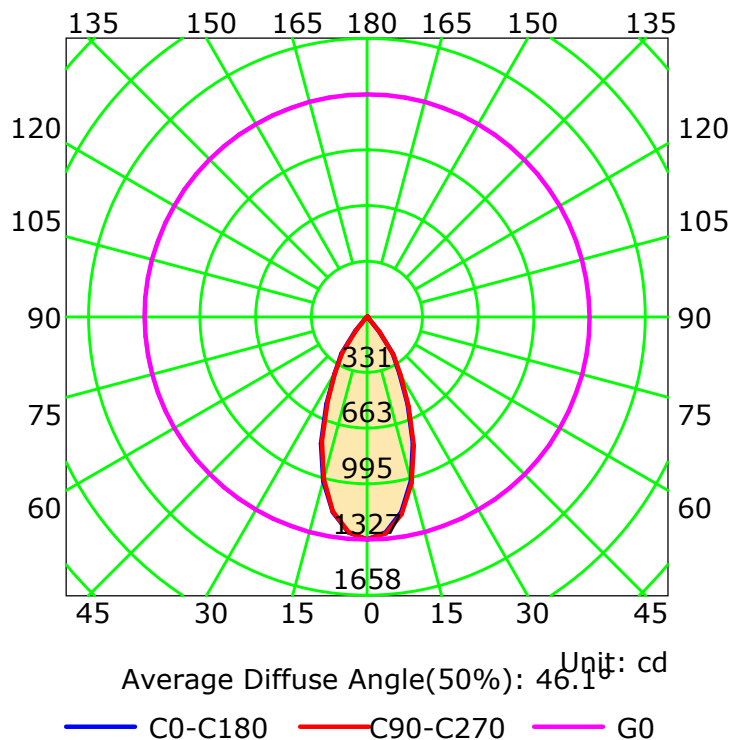
CIE Class: Direct
Measurement Flux: 862.8 lm
Downward Ratio: 100%
Field Angle: H78.7 V78.6
Luminaire Efficacy Rating (LER): 67
Max. Intensity: 1327.08 cd

Total Rated Lamp Lumens: 862.8 lm
Efficiency: 100%
Upward Ratio: 0%
Beam Angle: H46.1 V46.1
Central Intensity: 1327.08 cd
Pos of Max. Intensity: H0 V0

Picture Of Luminaire



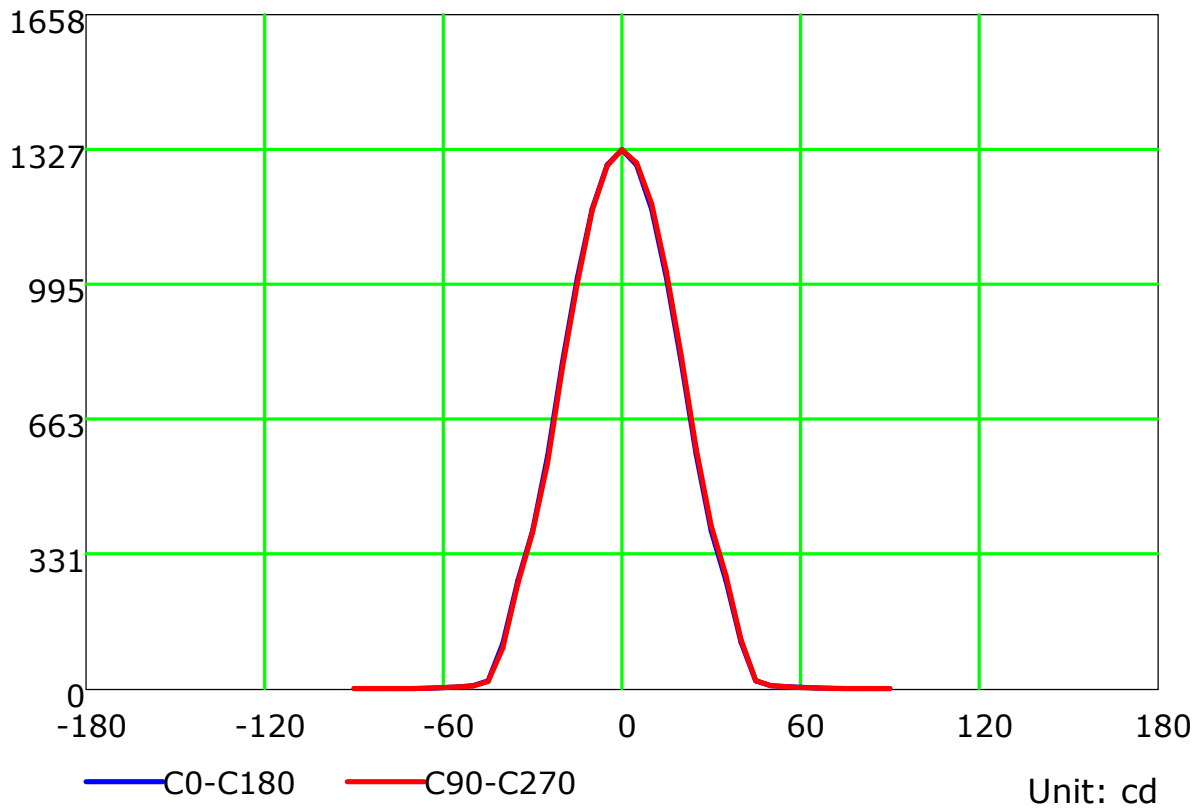
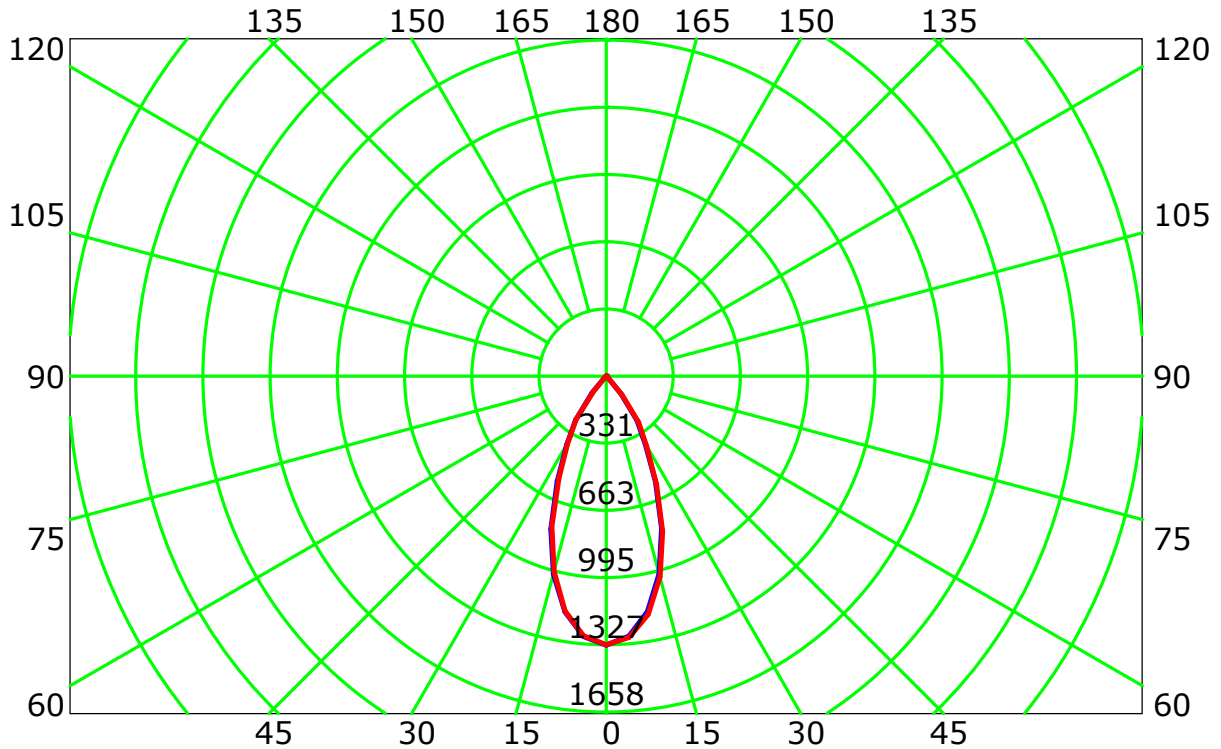
Luminous Intensity Distribution Curve



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



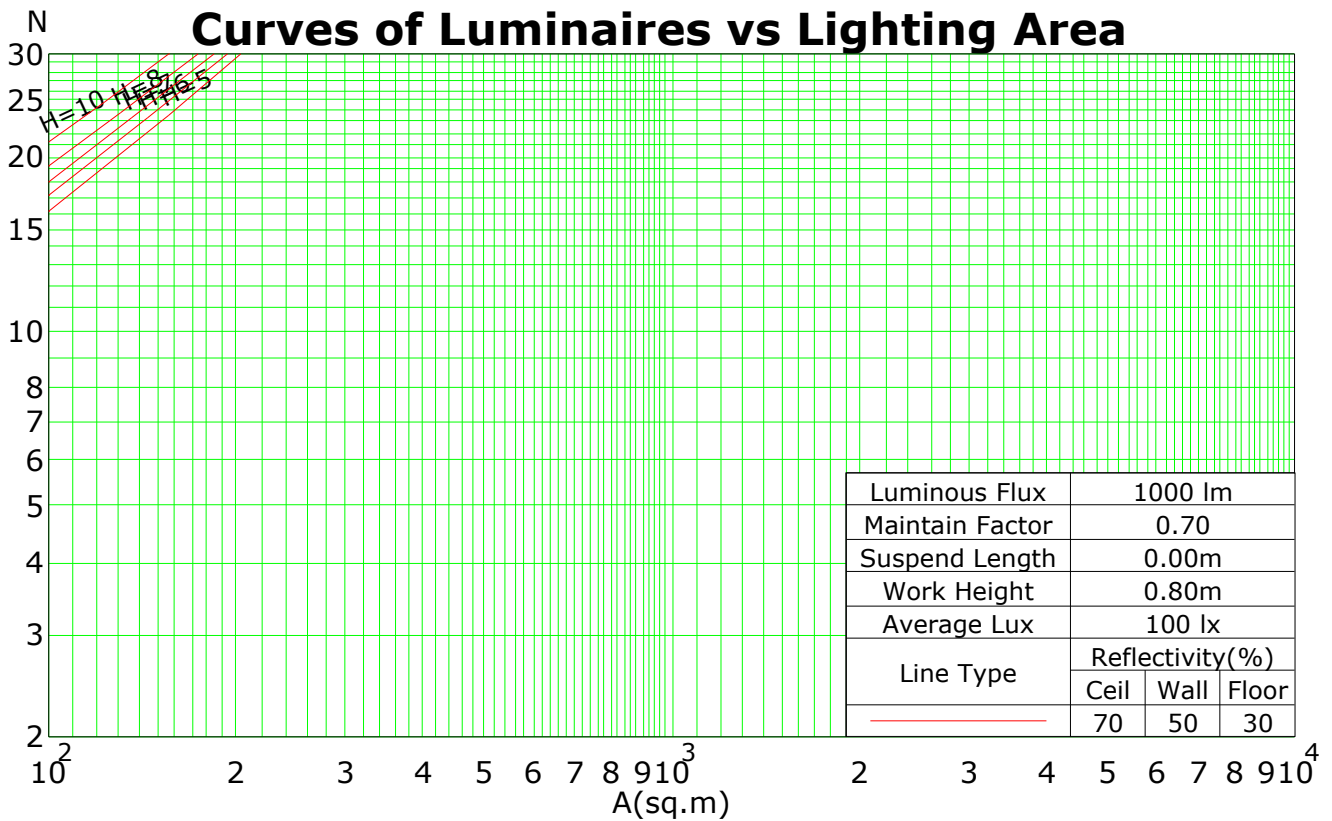
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Coefficients Of Utilization - Zonal Cavity Method

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	107	102	99	96	99	96	94	96	94	92	94	92	90	88
3	104	98	93	89	102	96	92	89	94	90	87	91	88	86	89	87	85	83
4	99	92	87	83	97	91	86	82	89	85	81	87	83	80	85	82	79	78
5	94	87	81	77	93	86	81	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	67	64	72	67	63	71	66	63	70	66	63	62
9	79	70	64	60	78	69	64	60	68	63	60	67	63	60	67	63	60	58
10	75	66	61	57	74	66	61	57	65	60	57	64	60	57	64	60	57	55

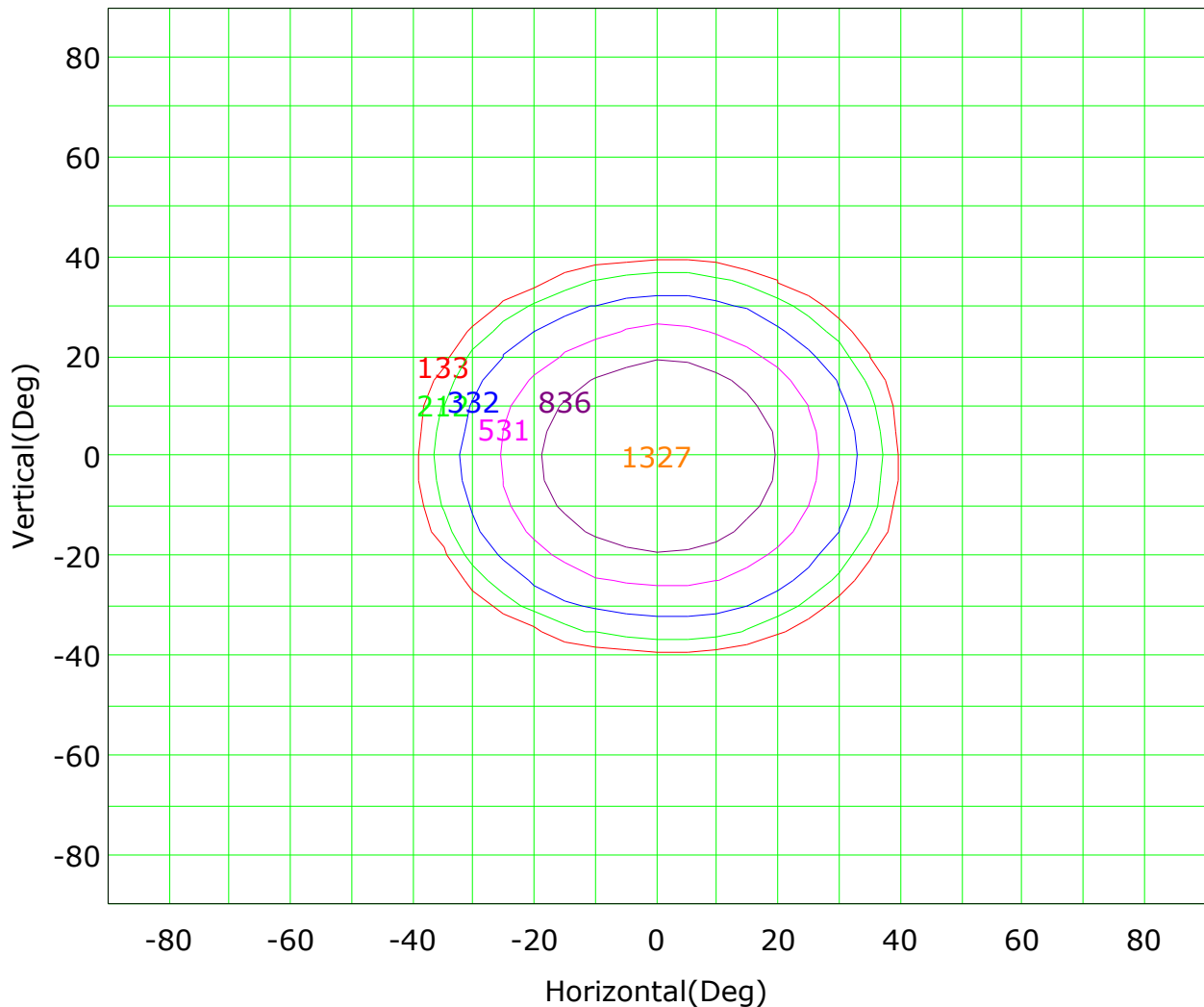
Spacing Criteria (0-180): 0.73
 Spacing Criteria (90-270): 0.73
 Spacing Criteria (Diagonal): 0.74



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Isocandela (rectangle)



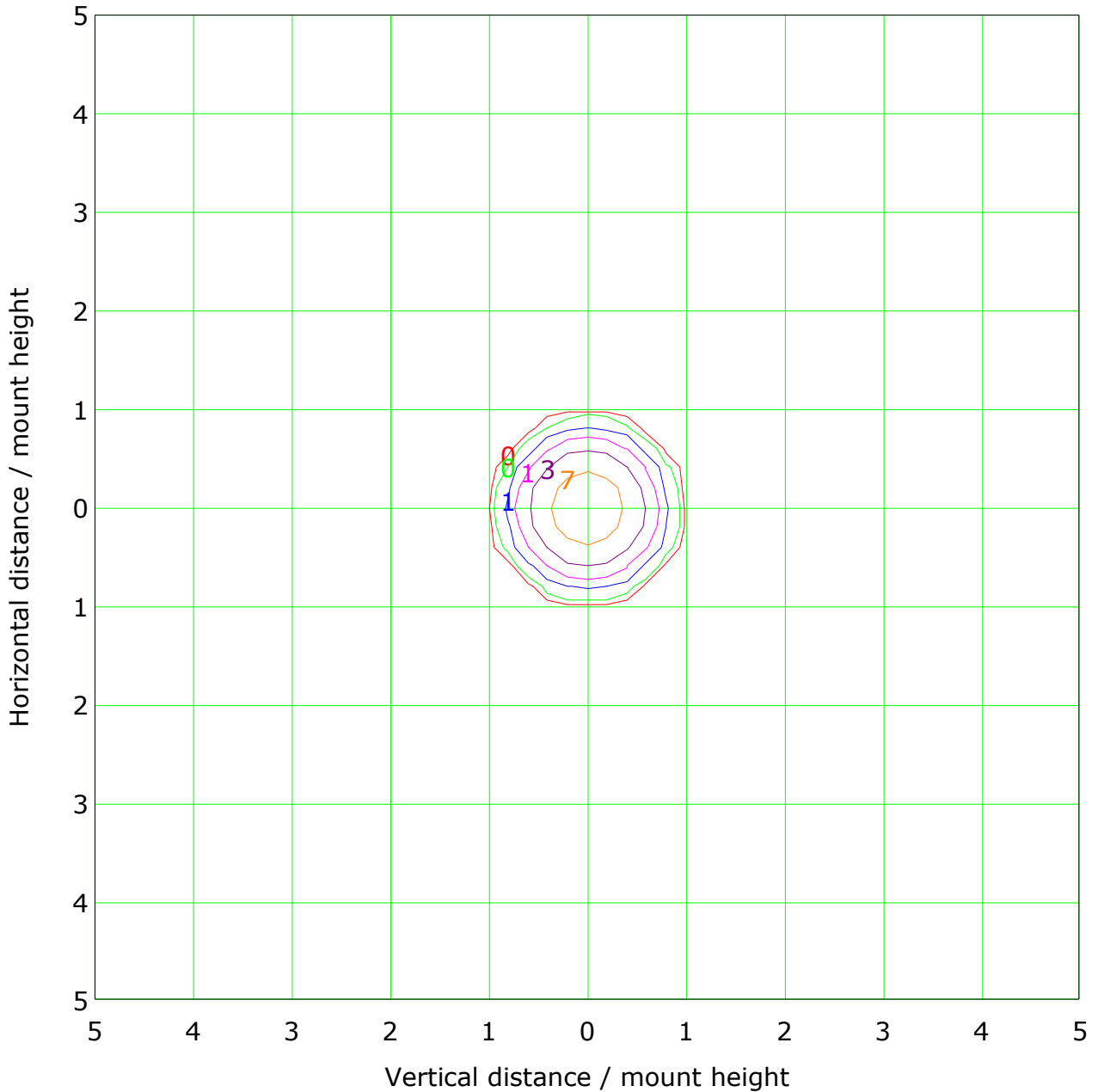
Imax (100%): 1327 cd

— (10%):	133 cd	— (16%):	212 cd
— (25%):	332 cd	— (40%):	531 cd
— (63%):	836 cd	— (100%):	1327 cd

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 Inspector:

IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 13.3 lx	
— (1%):	0.1 lx	— (2%):	0.3 lx
— (5%):	0.7 lx	— (10%):	1.3 lx
— (20%):	2.7 lx	— (50%):	6.6 lx
— (100%):	13.3 lx		

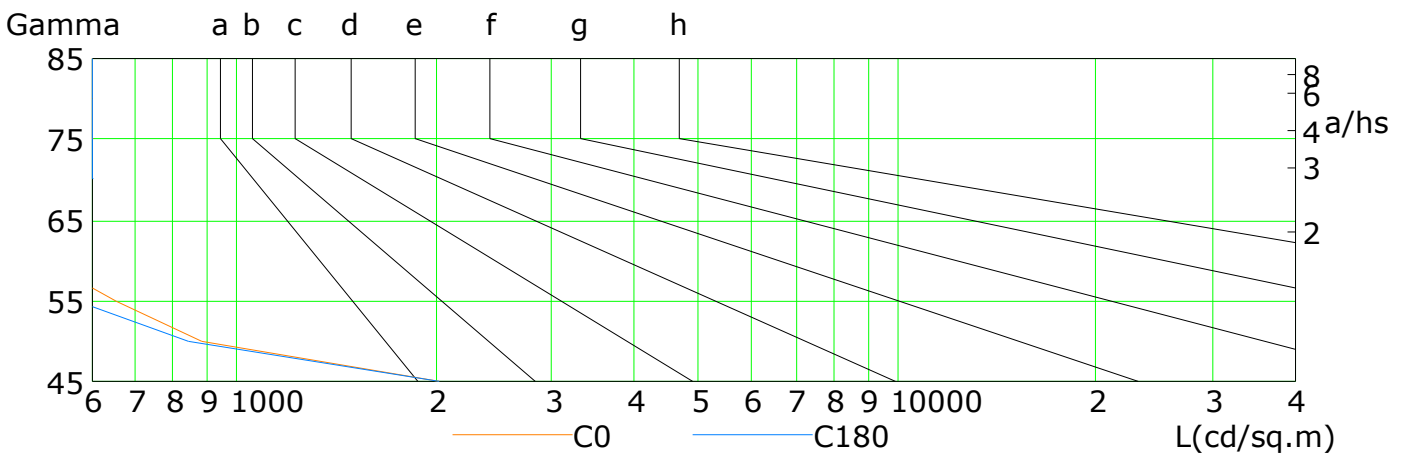
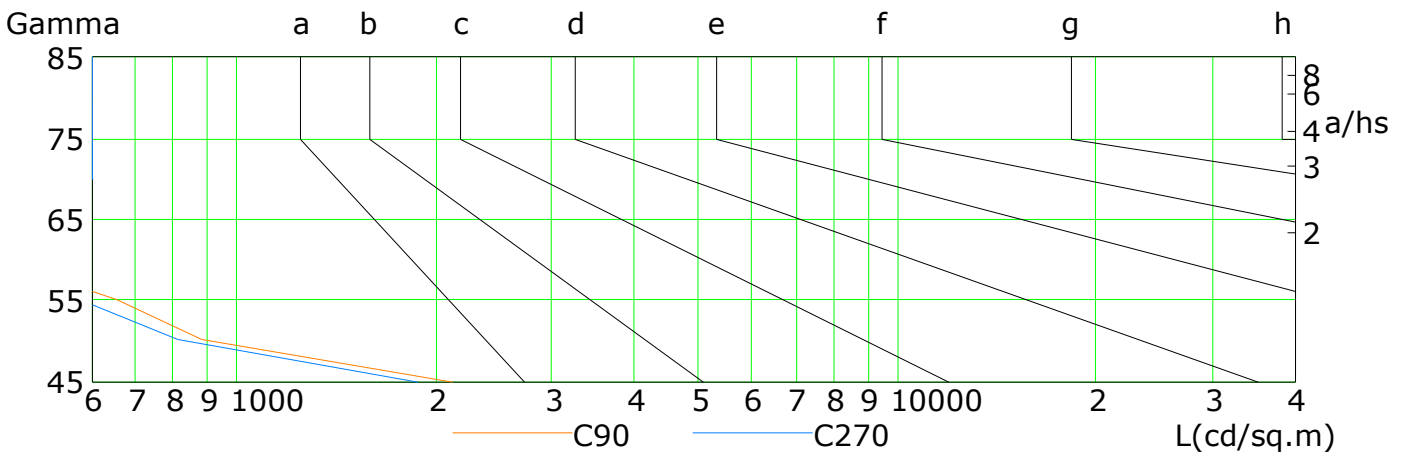
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 Inspector:

Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
		2000	1000	500	<=300				
1.15	A								
1.50	B								
1.85	C								
2.20	D								
2.55	E								

a b c d e f g h

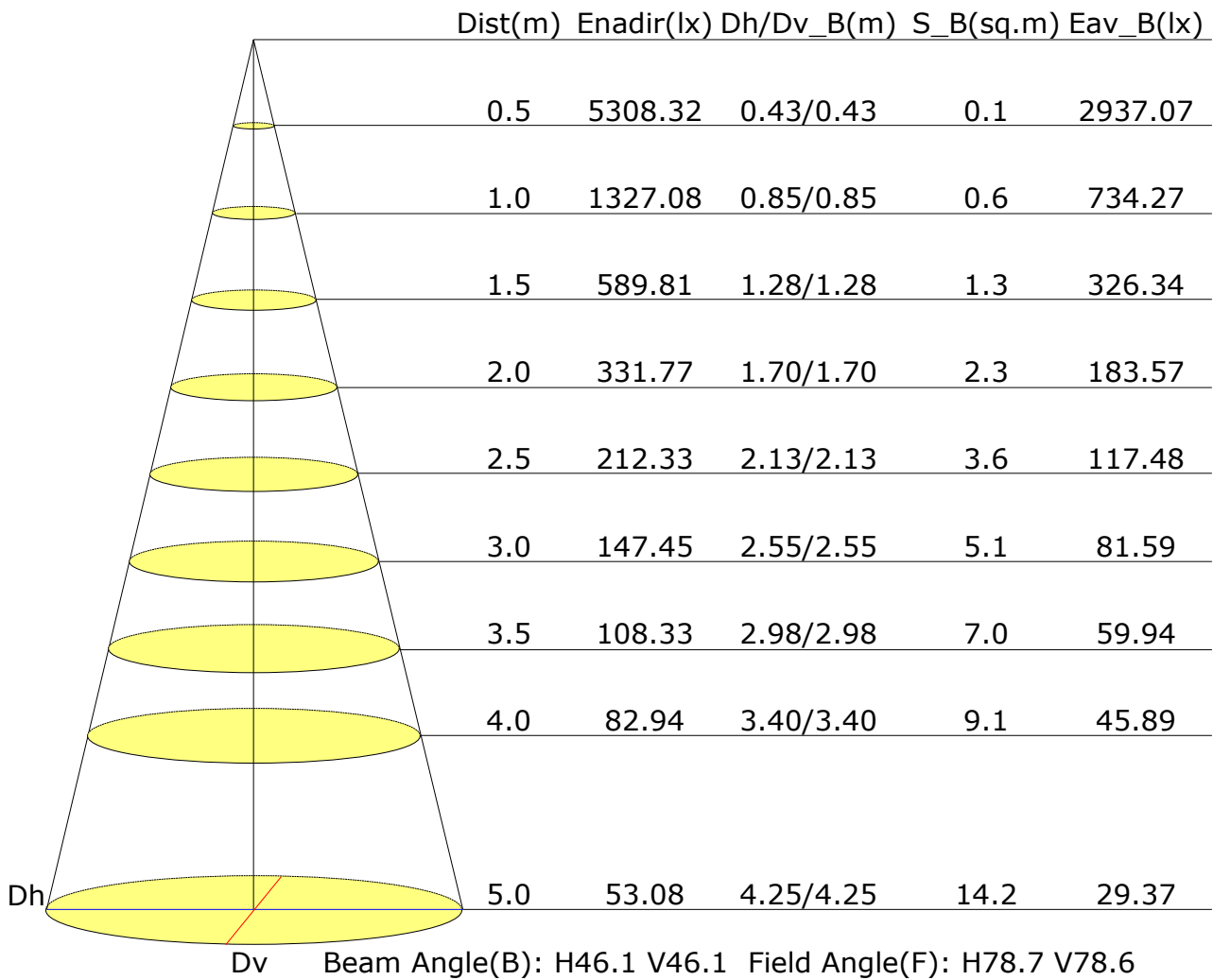


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	2013	882	656	512	327	199	0	0	0
C90	2114	882	656	419	327	132	0	0	0
C180	2013	845	573	419	219	0	0	0	0
C270	1880	808	573	372	219	0	0	0	0

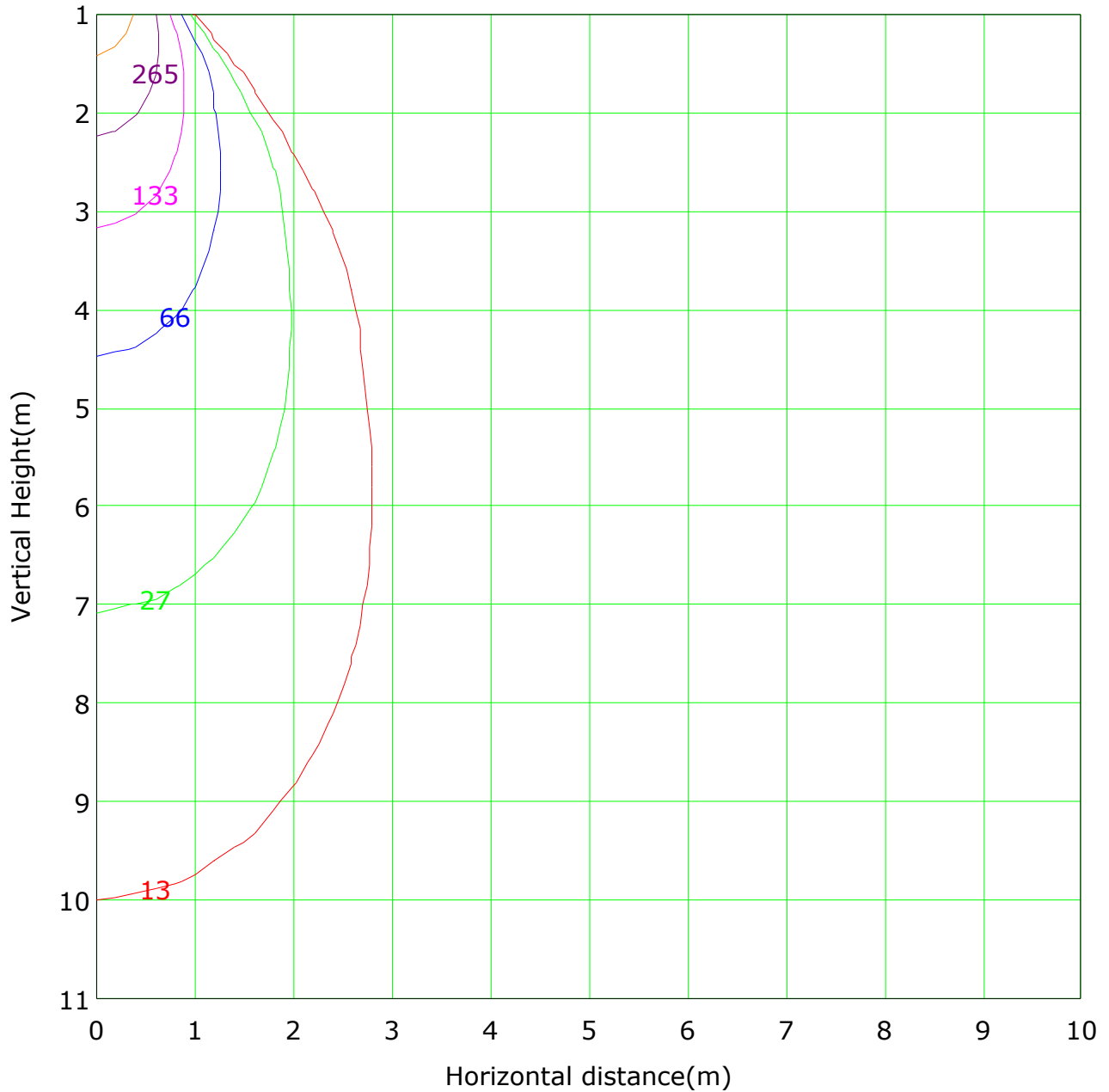
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Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1327.1 lx

— (1%): 13.3 lx	— (2%): 26.5 lx
— (5%): 66.4 lx	— (10%): 132.7 lx
— (20%): 265.4 lx	— (50%): 663.5 lx
— (100%):1327.1 lx	

The Average Illuminance Effective Figure

