

Report No.: 1

Test Time: 2017-01-12 11:41

Luminaire Property

Luminaire Category: 0408.G.A311.6
Luminaire Description: 60081
Length (mm): 120
Height (mm): 3
Current: 0.064 A
Power Factor: 0.978

Luminaire Manufacturer: Brasled
Width (mm): 120
Voltage: 230.1 V
Power: 14.36 W

Photometric Results

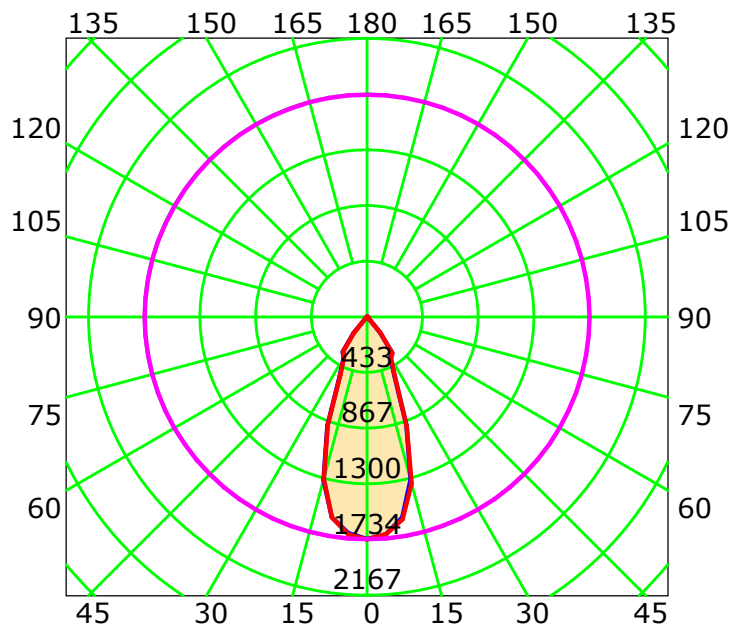
CIE Class: Direct
Measurement Flux: 1016.5 lm
Downward Ratio: 100%
Field Angle: H79.3 V79.3
Luminaire Efficacy Rating (LER): 71
Max. Intensity: 1734.35 cd

Total Rated Lamp Lumens: 1016.5 lm
Efficiency: 100%
Upward Ratio: 0%
Beam Angle: H40.9 V40.9
Central Intensity: 1731.76 cd
Pos of Max. Intensity: H157.5 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



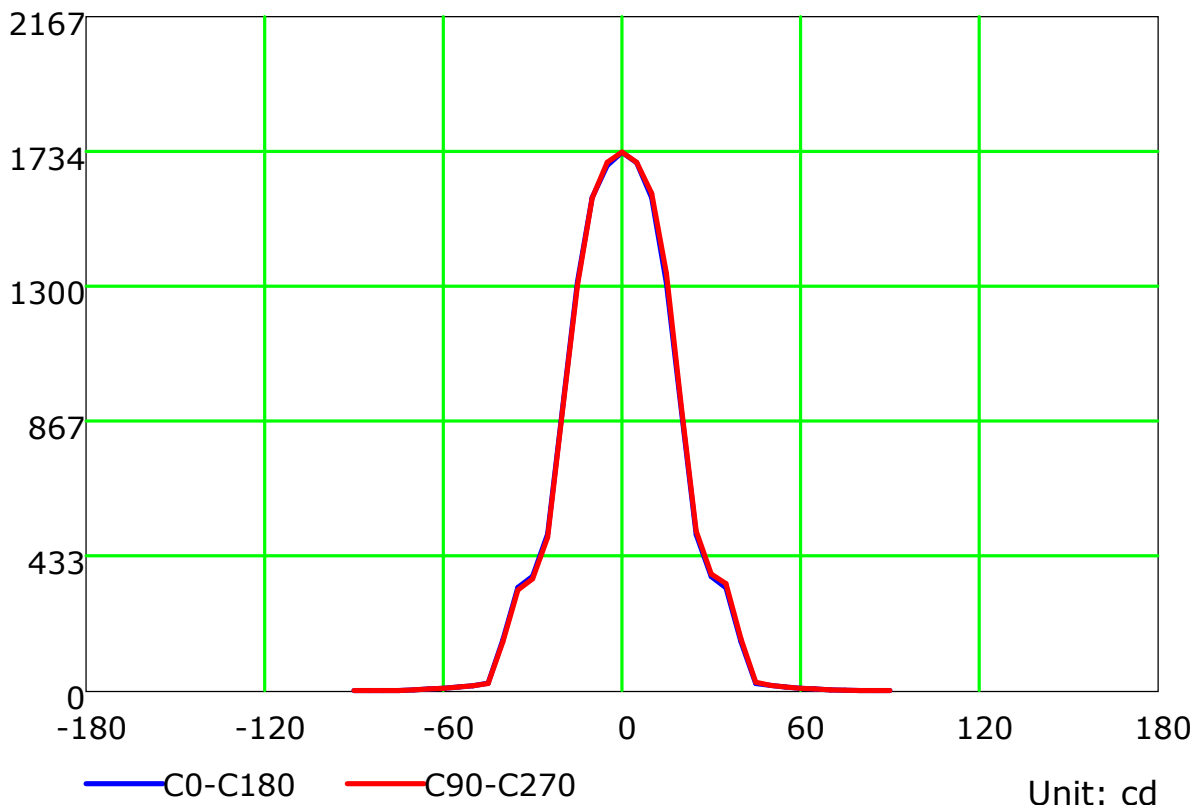
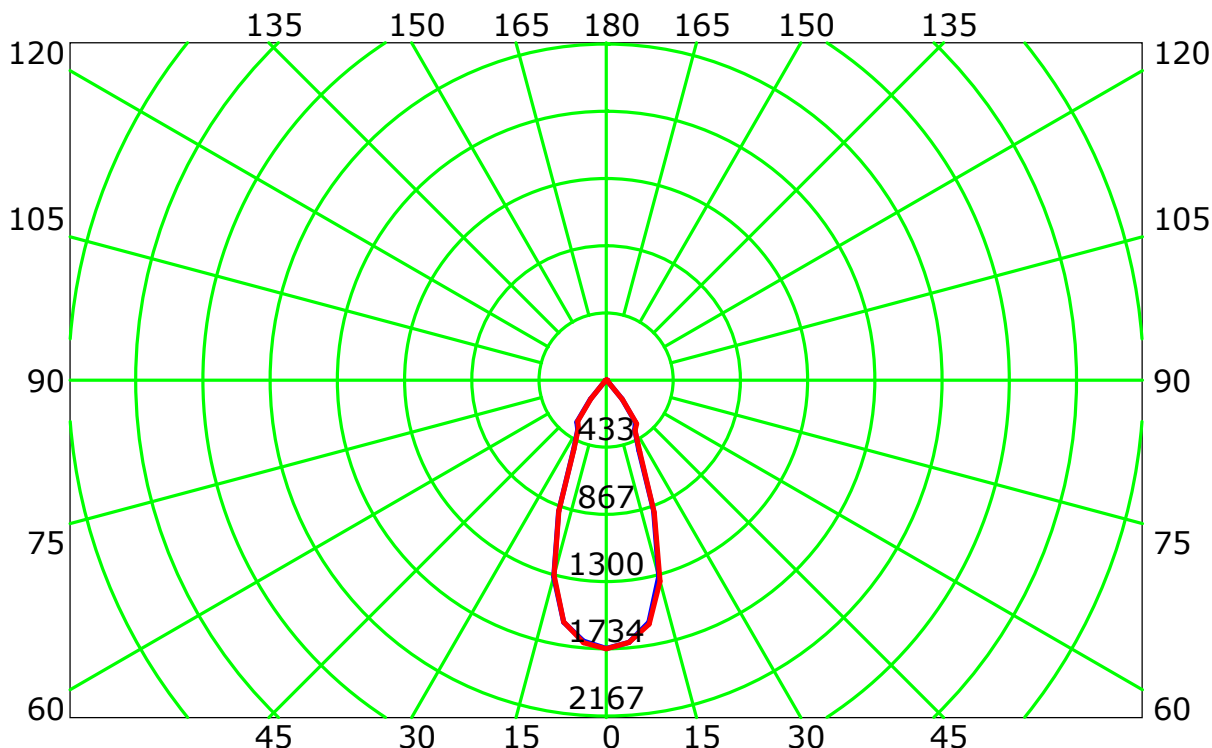
Average Diffuse Angle(50%): 40.9

— 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



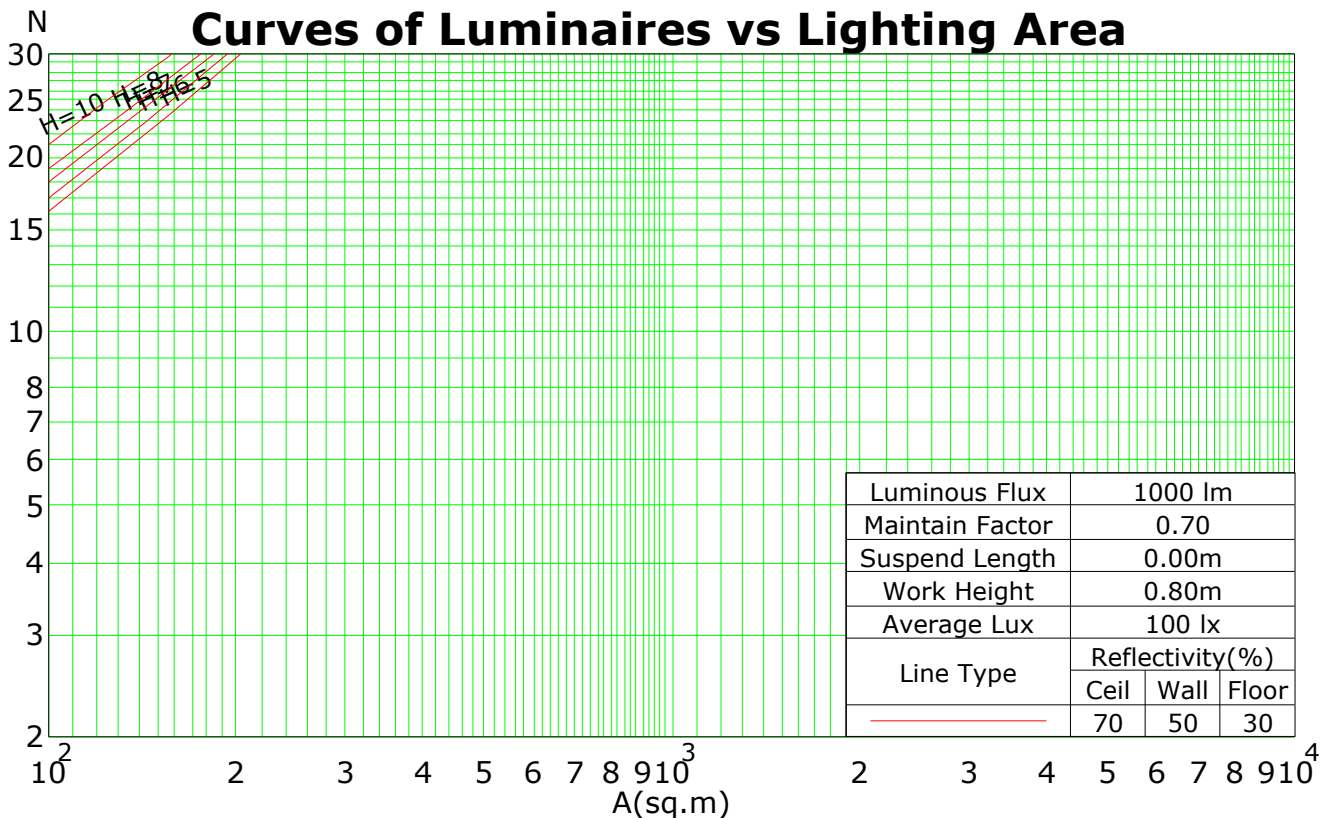
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Coefficients Of Utilization - Zonal Cavity Method

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	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	80	78
5	94	87	81	77	93	86	81	77	84	80	76	82	79	76	81	78	75	74
6	90	82	76	72	89	81	76	72	80	75	72	78	74	71	77	74	71	69
7	86	78	72	68	85	77	72	68	76	71	68	75	70	67	74	70	67	66
8	83	74	68	64	81	73	68	64	72	67	64	71	67	64	70	66	64	62
9	79	70	65	61	78	70	65	61	69	64	61	68	64	61	67	63	60	59
10	76	67	62	58	75	67	61	58	66	61	58	65	61	58	64	60	57	56

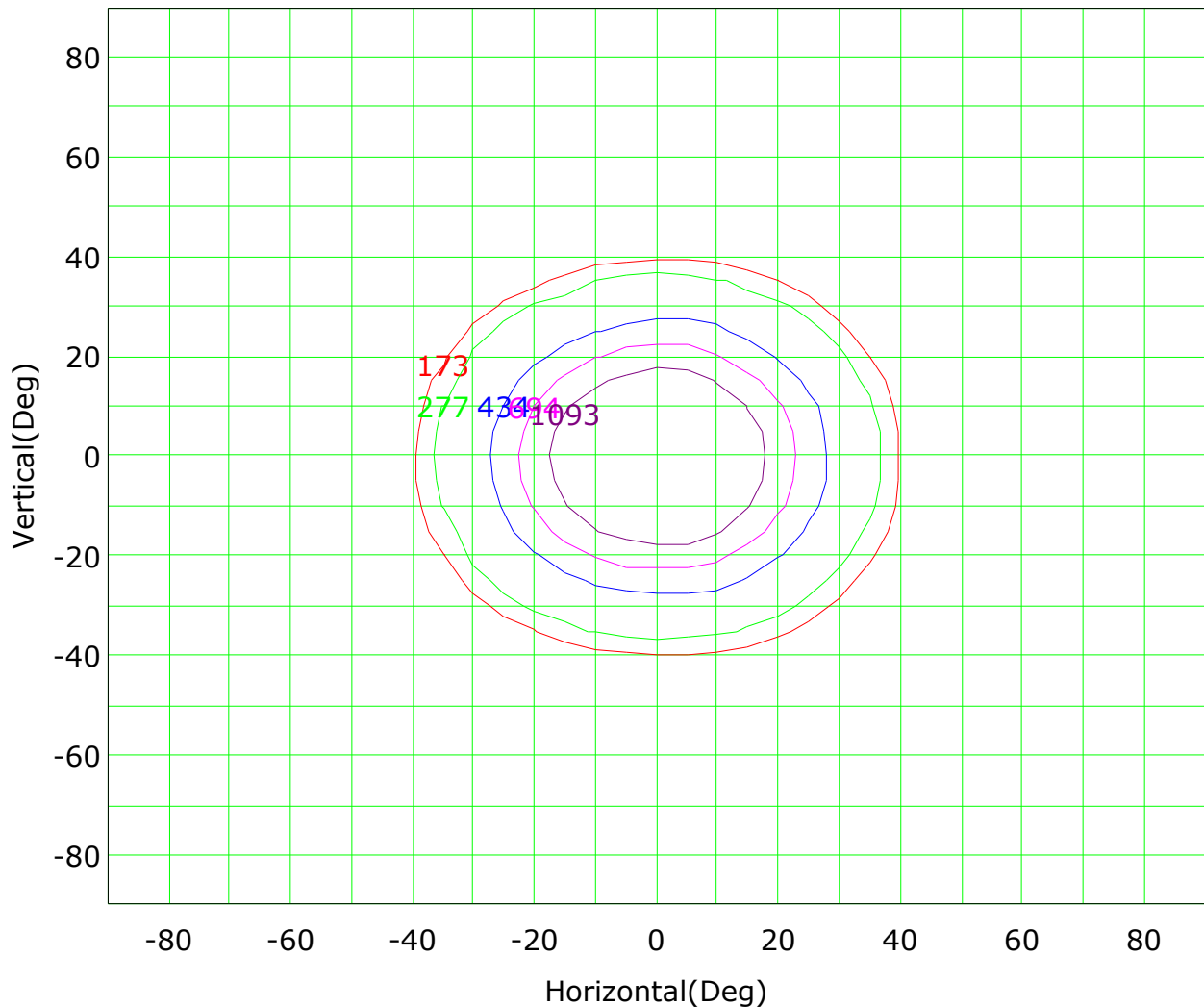
Spacing Criteria (0-180): 0.67
 Spacing Criteria (90-270): 0.67
 Spacing Criteria (Diagonal): 0.63



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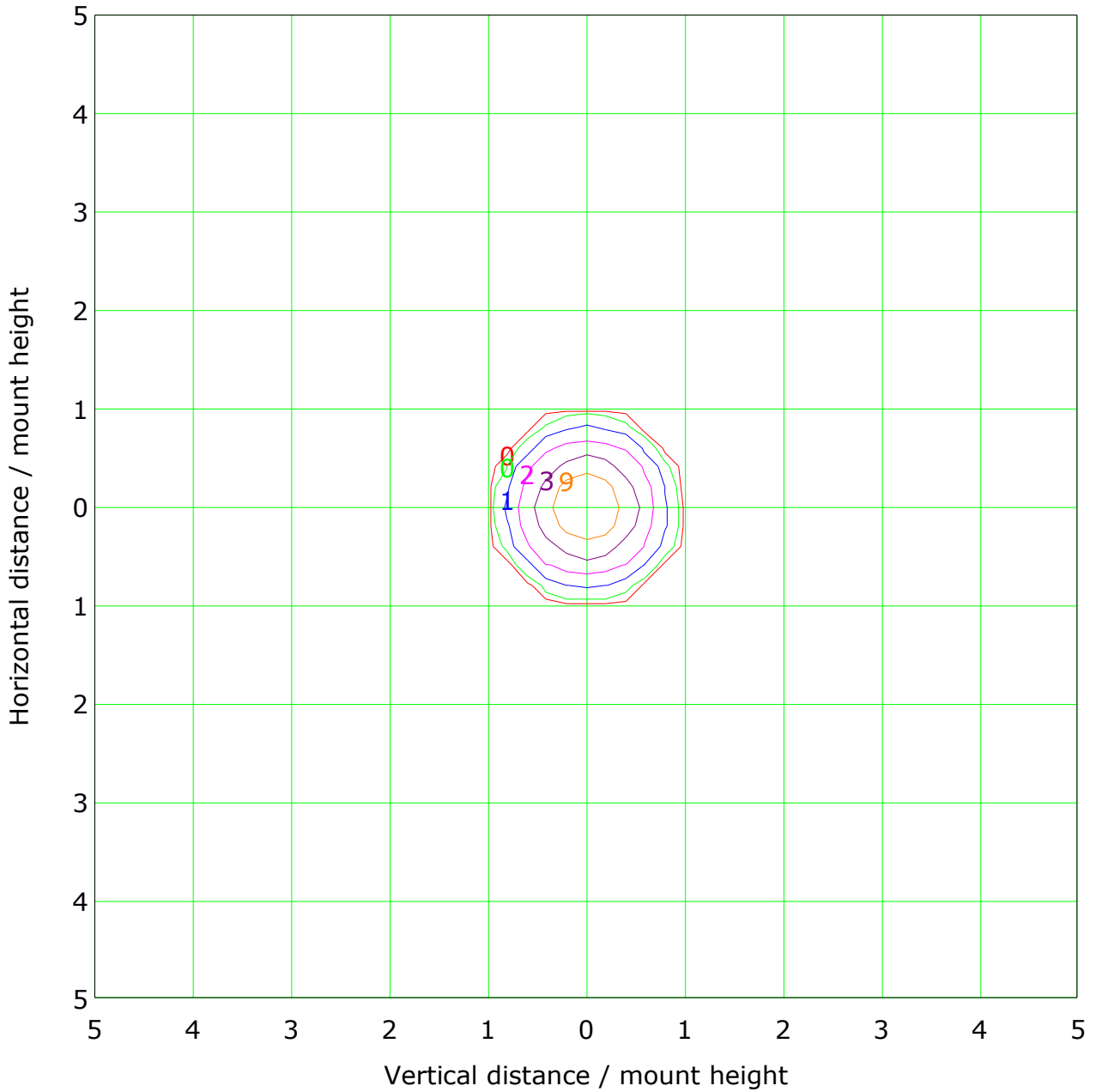
Isocandela (rectangle)



Imax (100%): 1734 cd

- | | |
|-------------------|-------------------|
| — (10%): 173 cd | — (16%): 277 cd |
| — (25%): 434 cd | — (40%): 694 cd |
| — (63%): 1093 cd | — (100%): 1734 cd |

IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 17.3 lx	
— (1%):	0.2 lx	— (2%):	0.3 lx
— (5%):	0.9 lx	— (10%):	1.7 lx
— (20%):	3.5 lx	— (50%):	8.7 lx
— (100%):	17.3 lx		

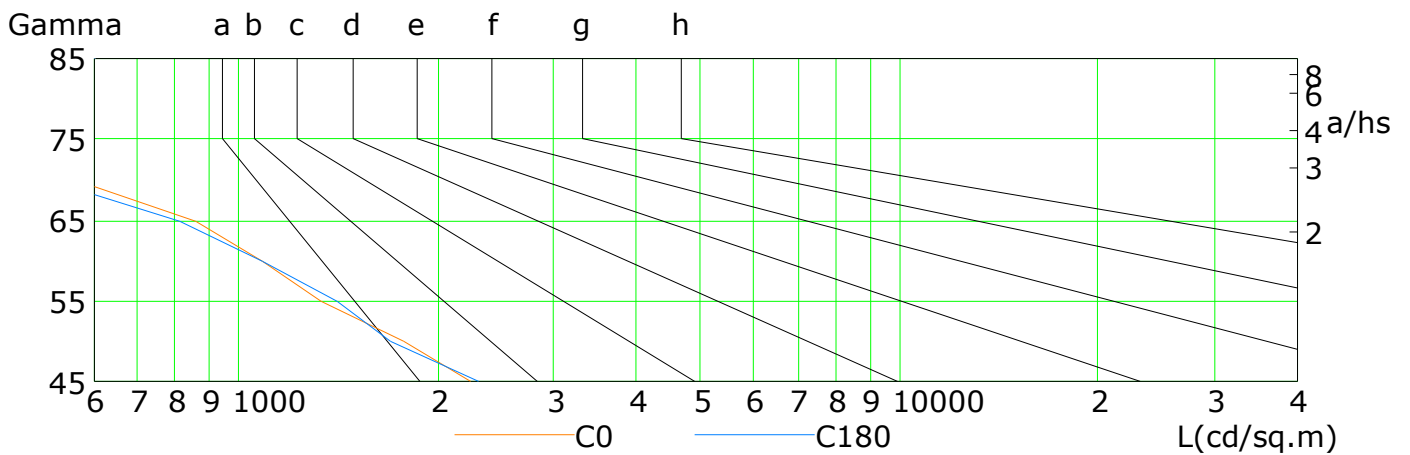
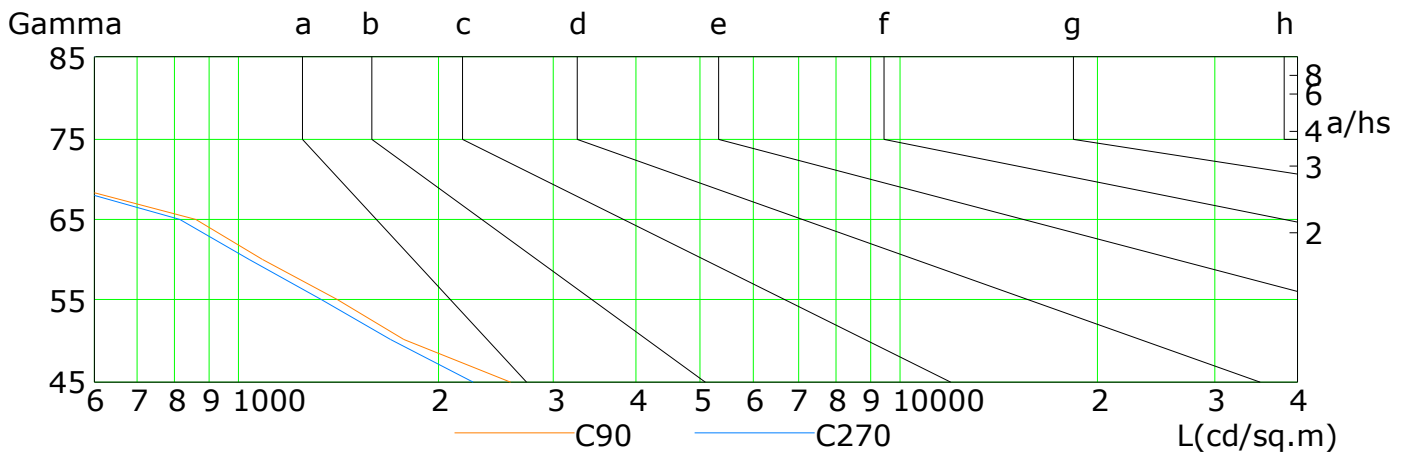
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Lum Limit Curve

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

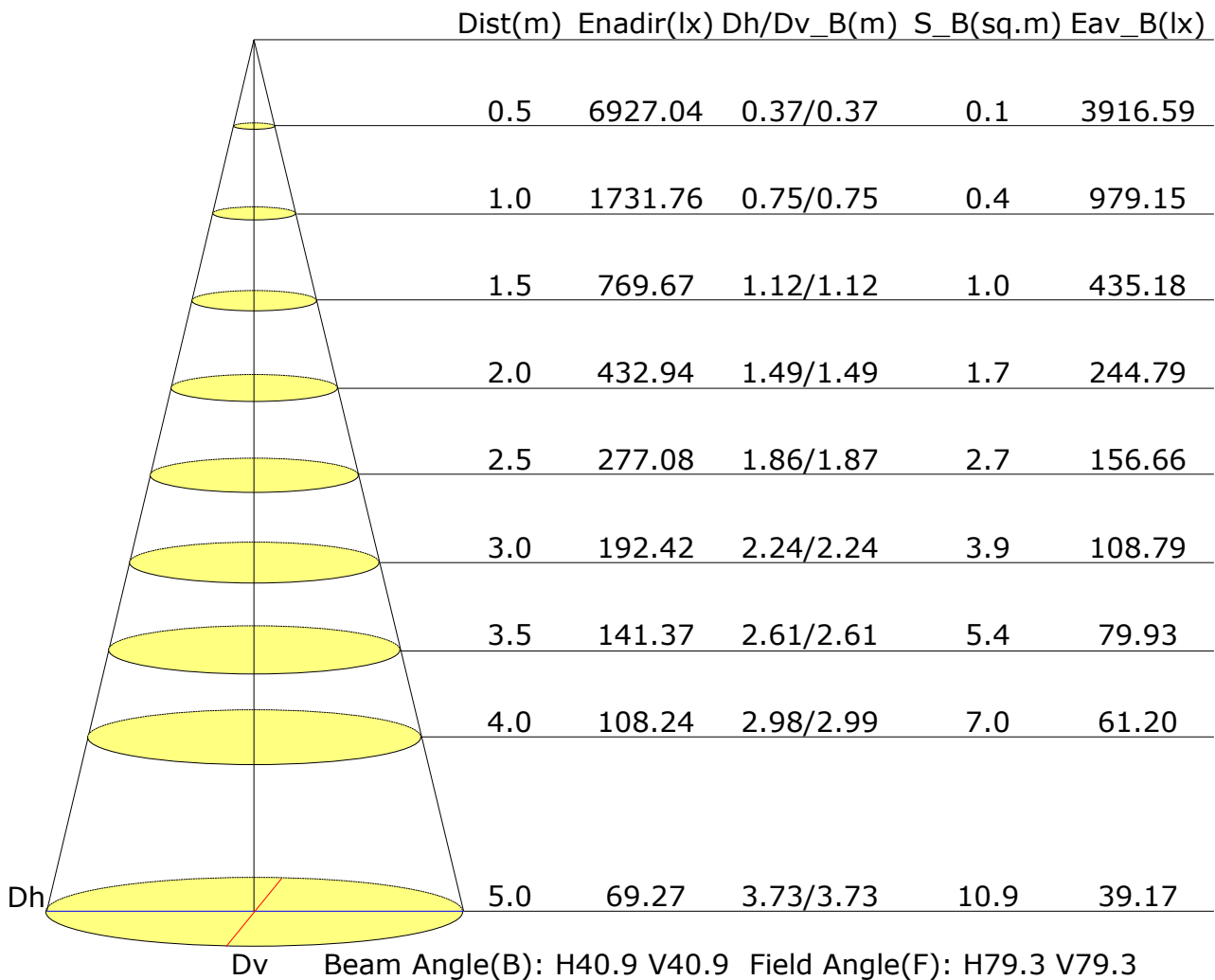


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	2234	1767	1326	1078	859	555	319	112	0
C90	2576	1767	1402	1078	859	492	398	112	0
C180	2297	1700	1402	1078	808	492	160	112	0
C270	2266	1700	1326	1034	808	492	160	112	0

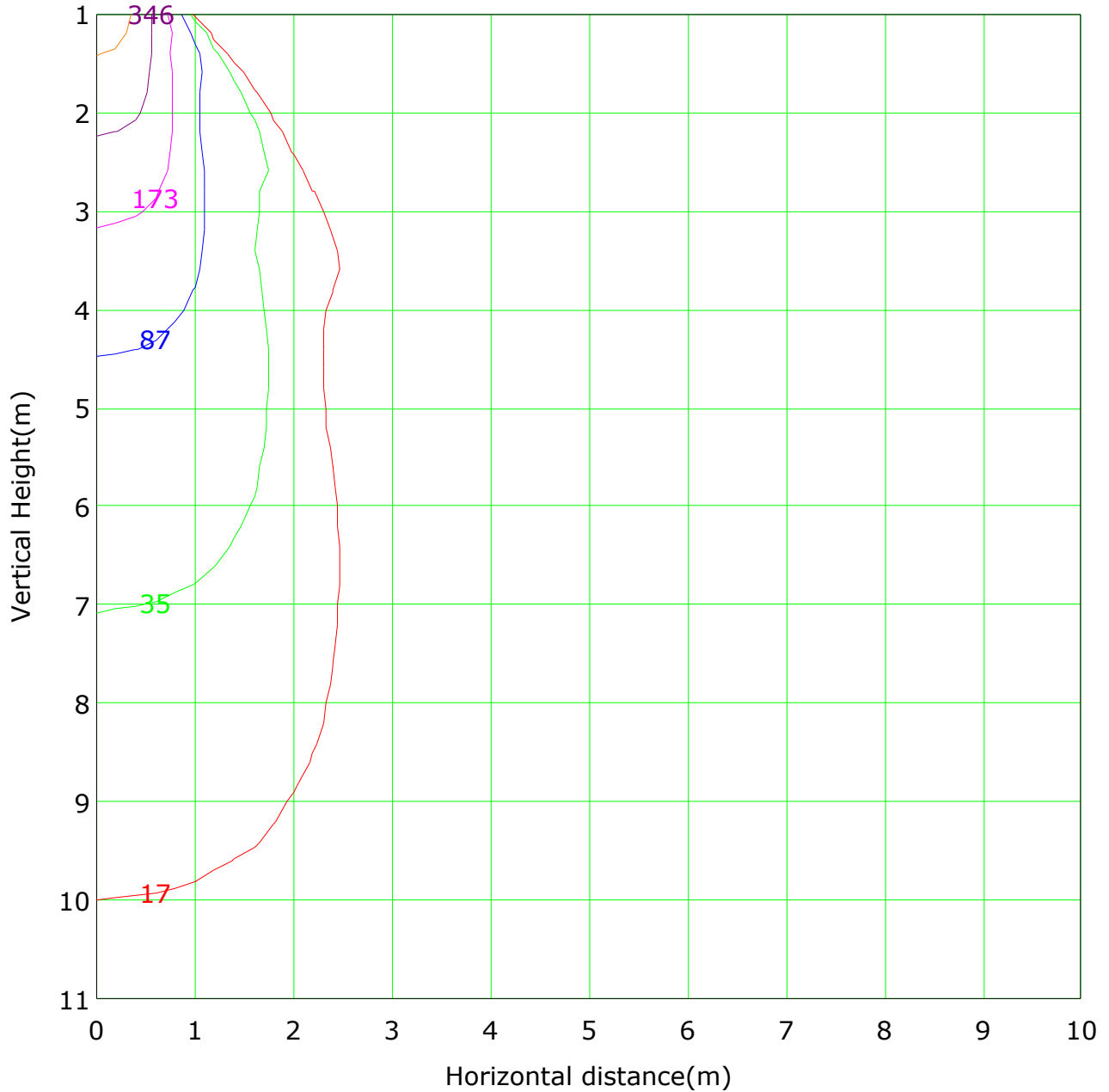
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Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1731.8 lx

— (1%): 17.3 lx	— (2%): 34.6 lx
— (5%): 86.6 lx	— (10%): 173.2 lx
— (20%): 346.4 lx	— (50%): 865.9 lx
— (100%):1731.8 lx	

The Average Illuminance Effective Figure

