

Report No.: 1

Test Time: 2017-01-12 08:43

Luminaire Property

Luminaire Category: 0407.G.A231.6
Luminaire Description: 60011
Length (mm): 90
Height (mm): 3
Current: 0.057 A
Power Factor: 0.977

Luminaire Manufacturer: Brasled
Width (mm): 90
Voltage: 230.1 V
Power: 12.90 W

Photometric Results

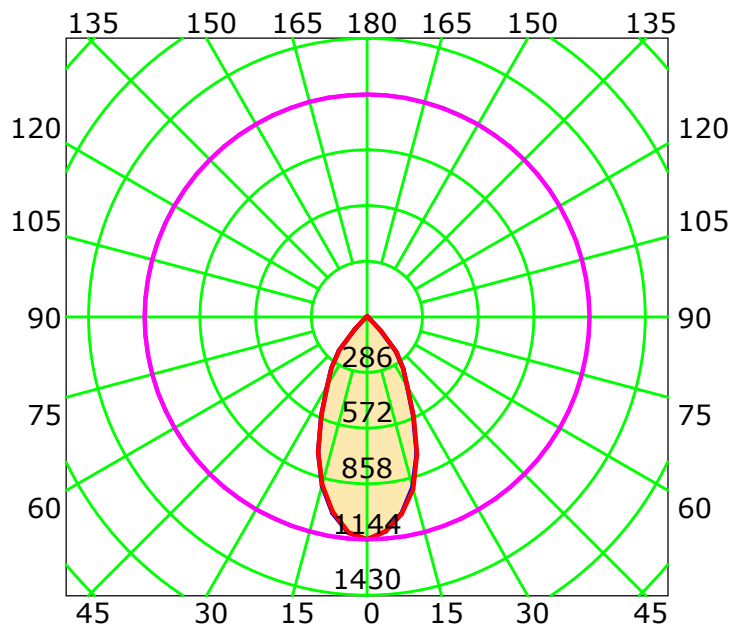
CIE Class: Direct
Measurement Flux: 915.7 lm
Downward Ratio: 100%
Field Angle: H88.4 V88.7
Luminaire Efficacy Rating (LER): 71
Max. Intensity: 1144.06 cd

Total Rated Lamp Lumens: 915.7 lm
Efficiency: 100%
Upward Ratio: 0%
Beam Angle: H49.4 V49.6
Central Intensity: 1143.12 cd
Pos of Max. Intensity: H22.5 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



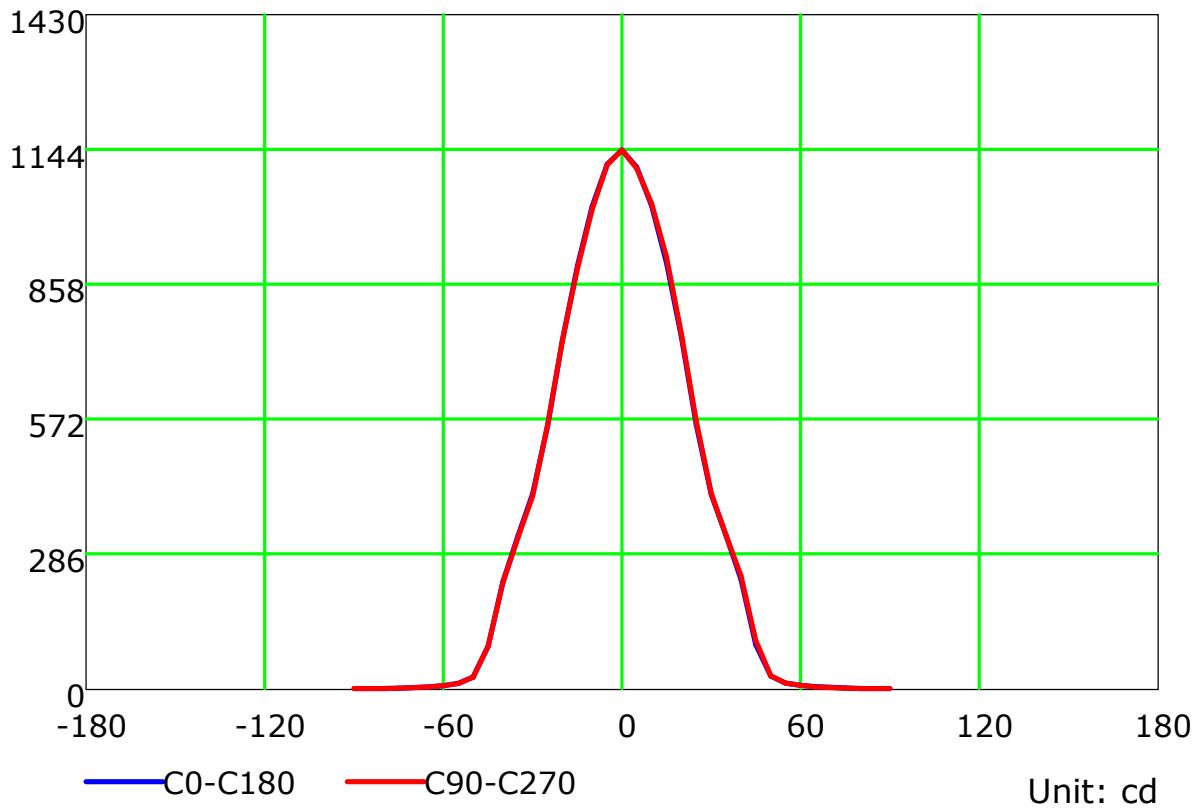
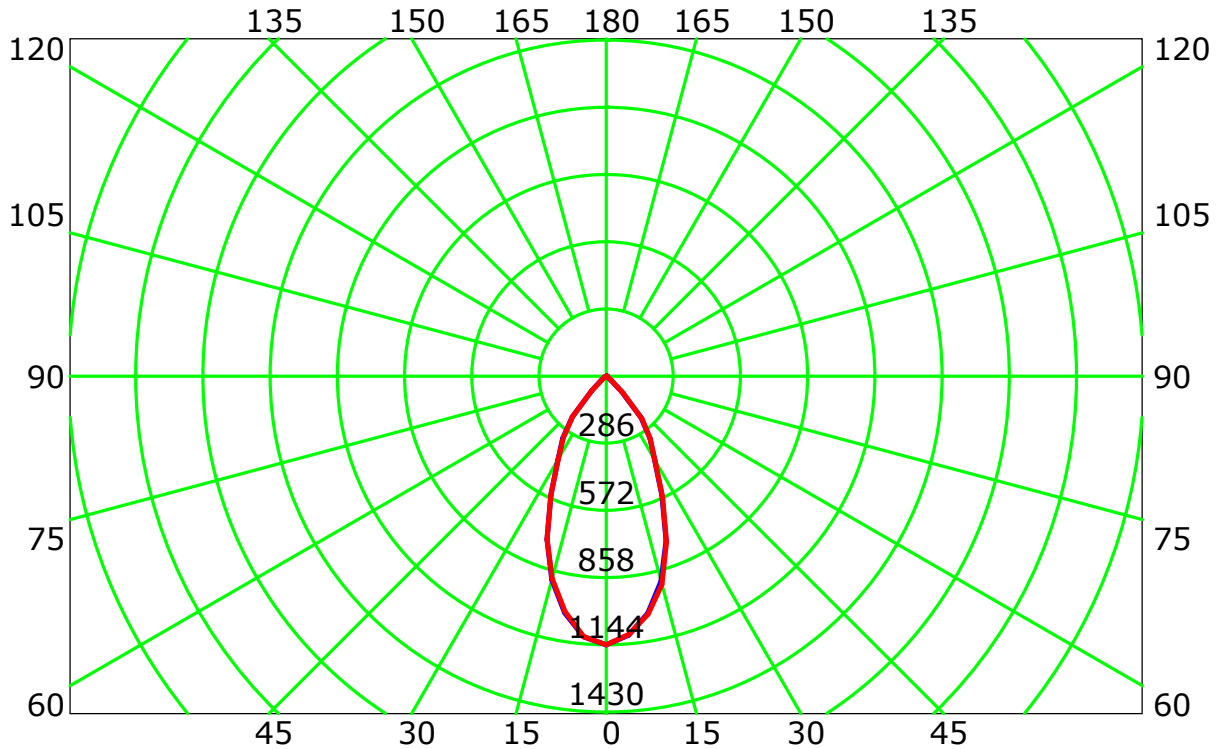
Unit: cd
Average Diffuse Angle(50%): 49.5

— 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



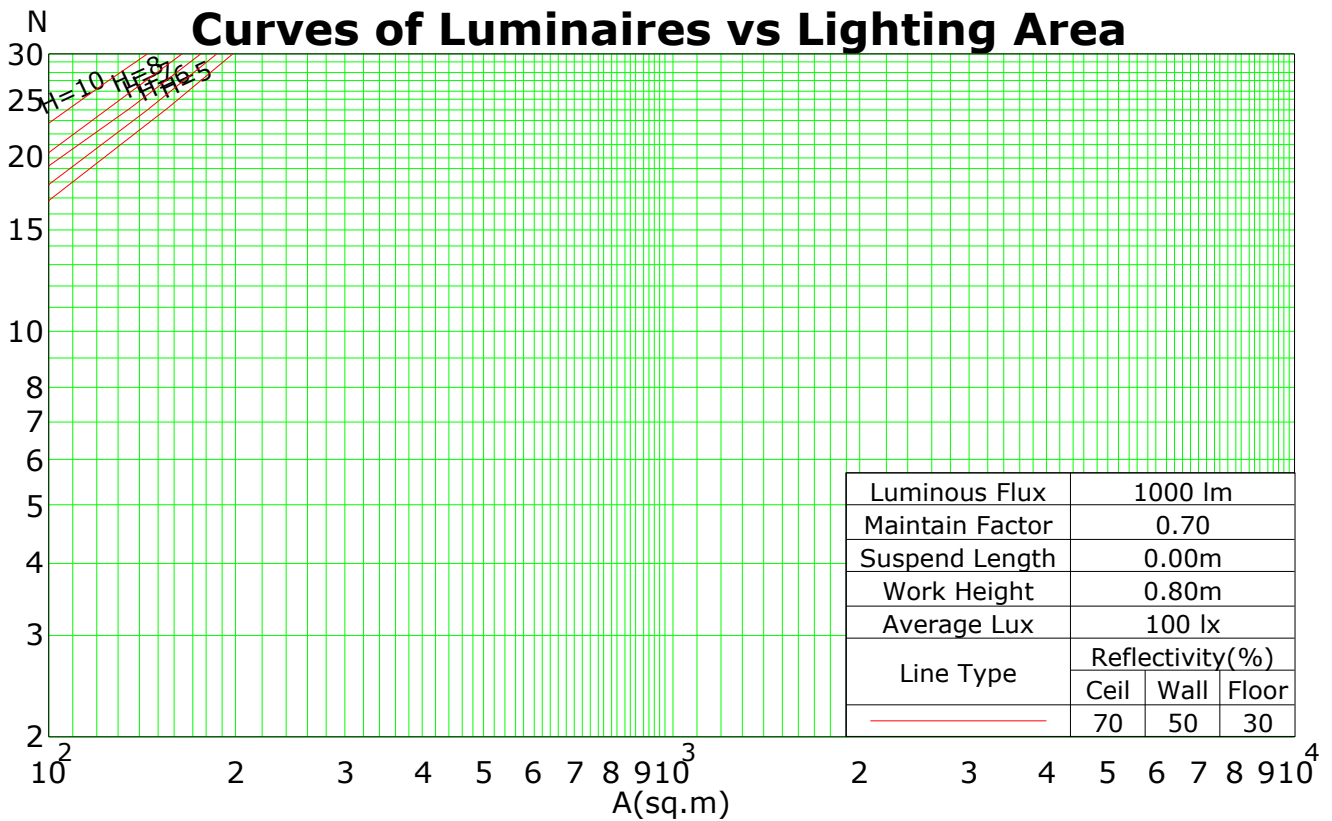
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Coefficients Of Utilization - Zonal Cavity Method

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	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	87
3	102	96	91	86	100	94	90	86	92	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	81	76	72	79	75	71	77	74	71	69
6	87	78	72	68	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	59	67	62	58	66	62	58	65	61	58	56
9	75	65	59	55	74	65	59	55	64	58	55	63	58	55	62	58	54	53
10	71	61	56	52	70	61	55	52	60	55	51	59	55	51	59	54	51	50

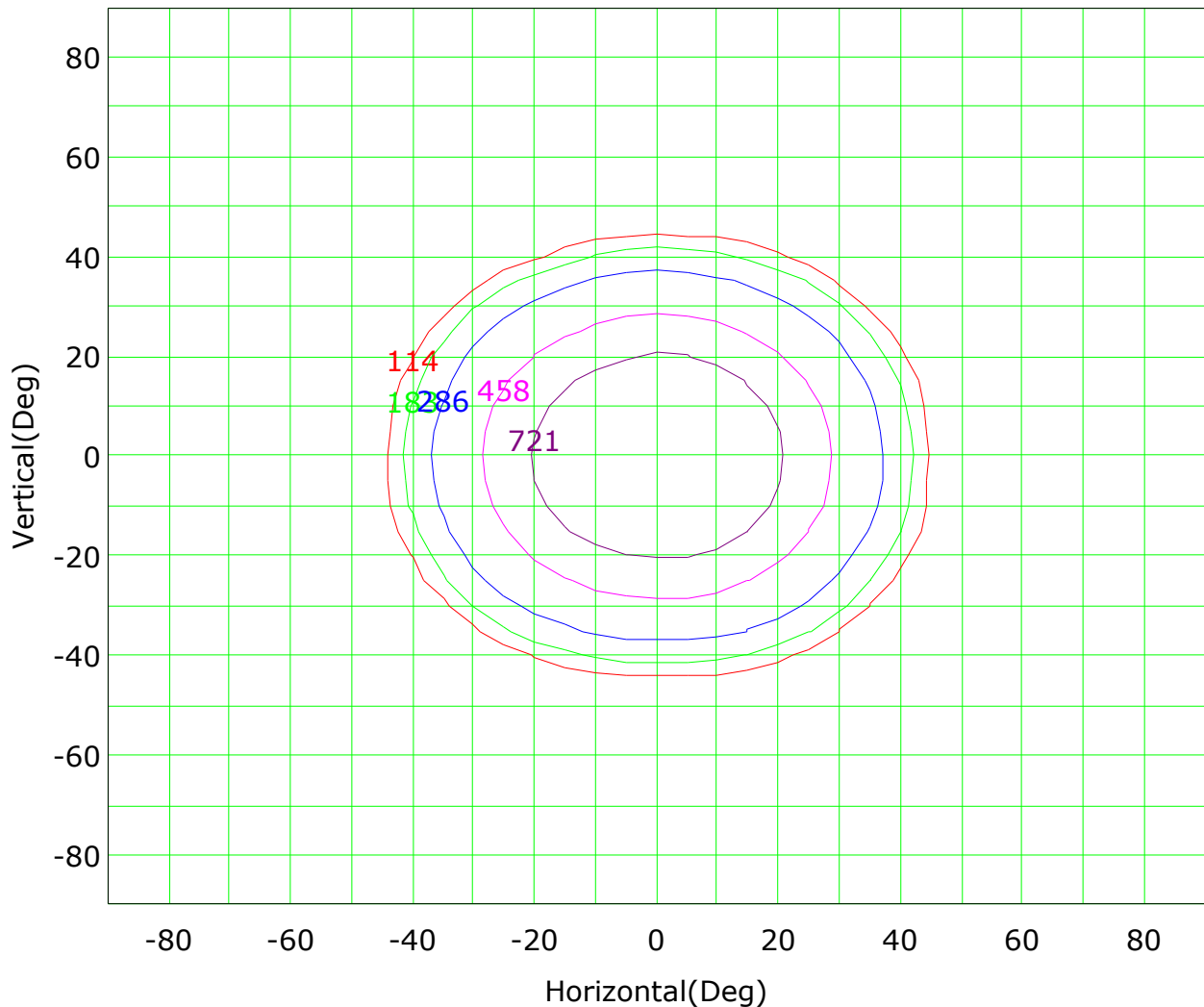
Spacing Criteria (0-180): 0.77
 Spacing Criteria (90-270): 0.77
 Spacing Criteria (Diagonal): 0.80



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Isocandela (rectangle)



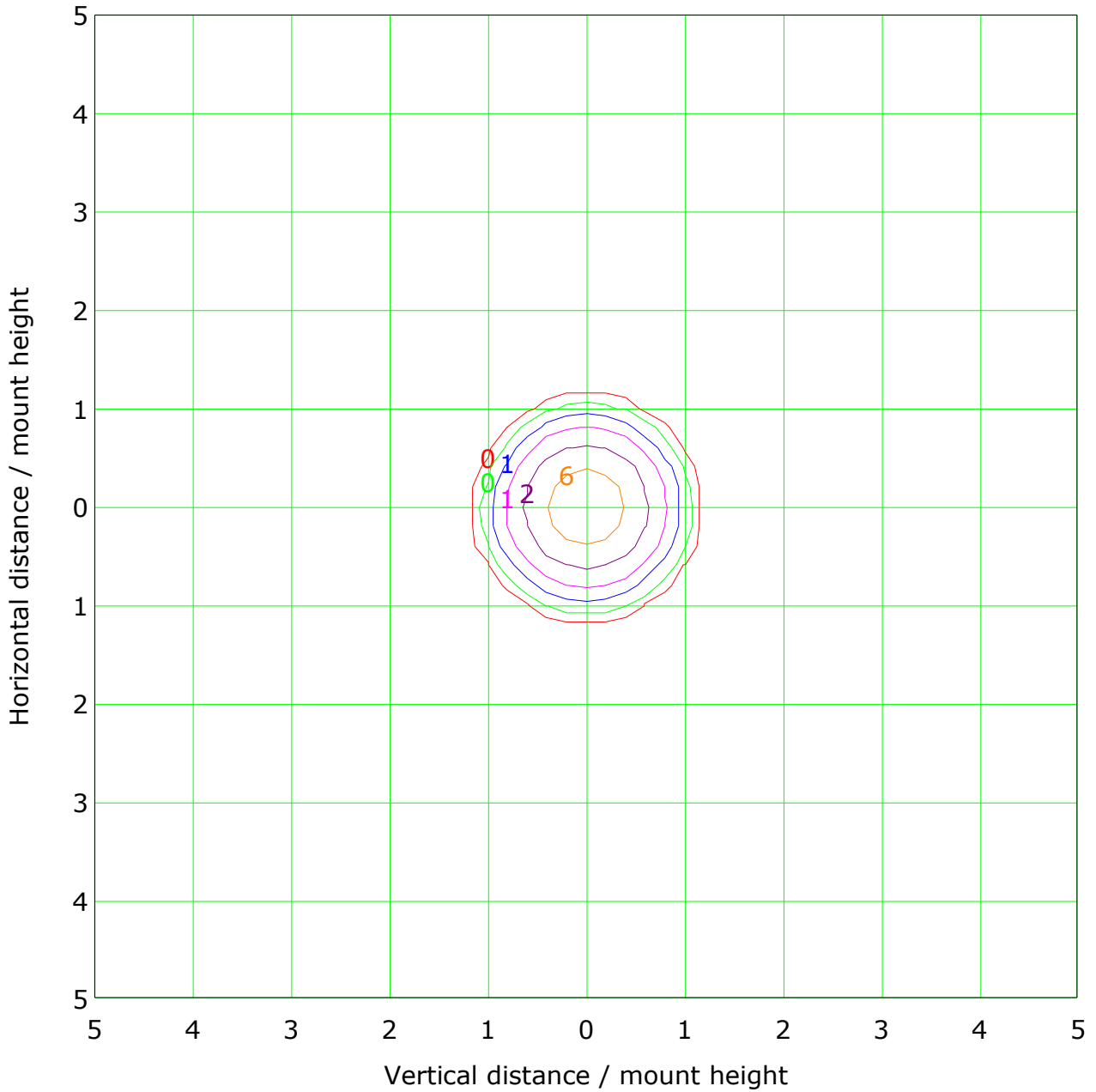
Imax (100%): 1144 cd

— (10%):	114 cd	— (16%):	183 cd
— (25%):	286 cd	— (40%):	458 cd
— (63%):	721 cd	— (100%):	1144 cd

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IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 11.4 lx	
— (1%):	0.1 lx	— (2%):	0.2 lx
— (5%):	0.6 lx	— (10%):	1.1 lx
— (20%):	2.3 lx	— (50%):	5.7 lx
— (100%):	11.4 lx		

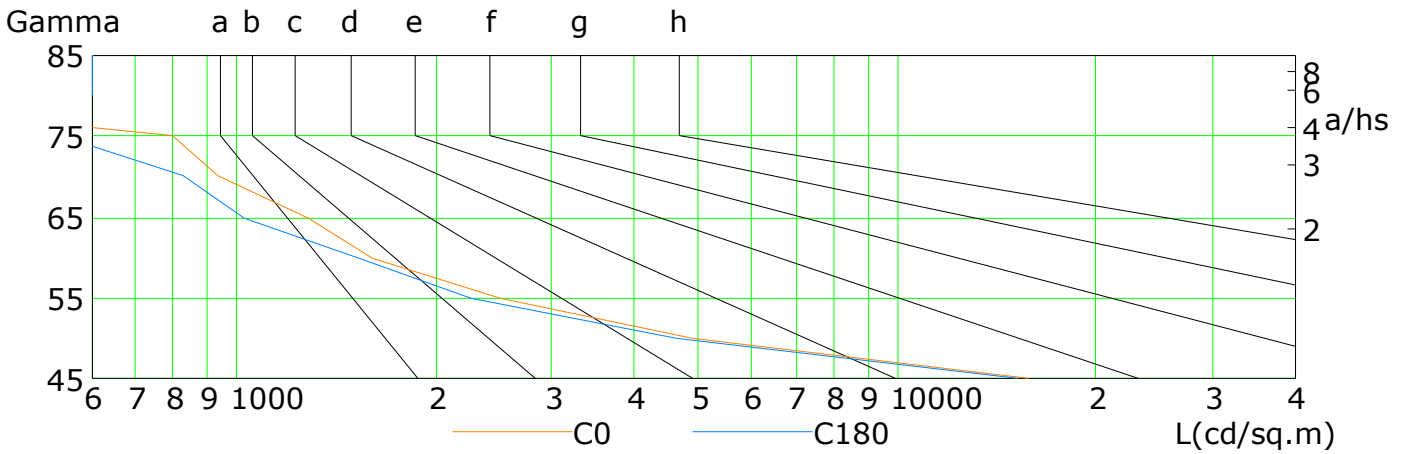
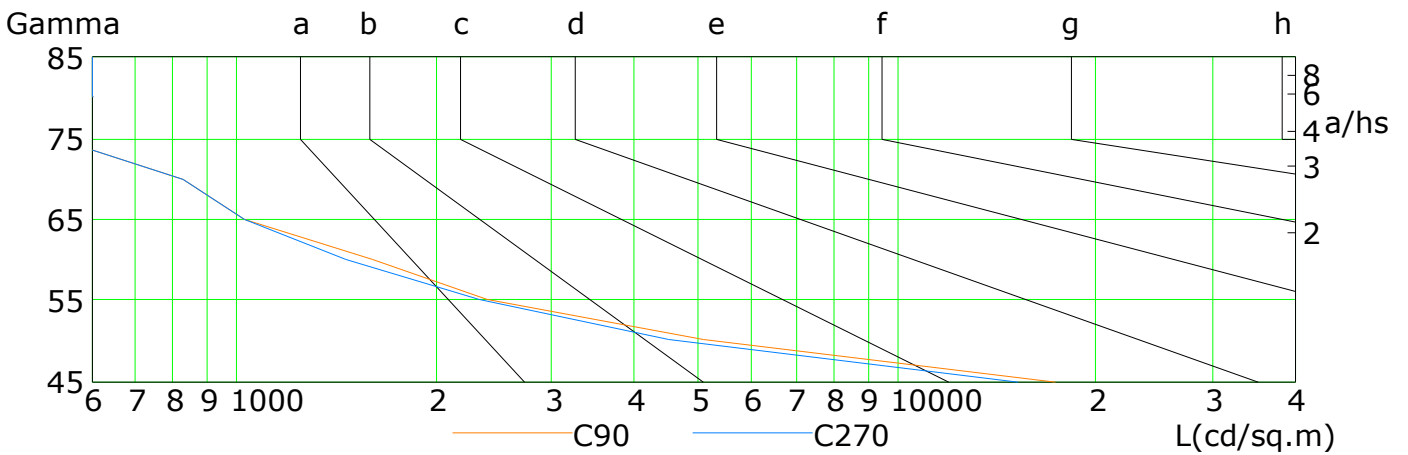
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Lum Limit Curve

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

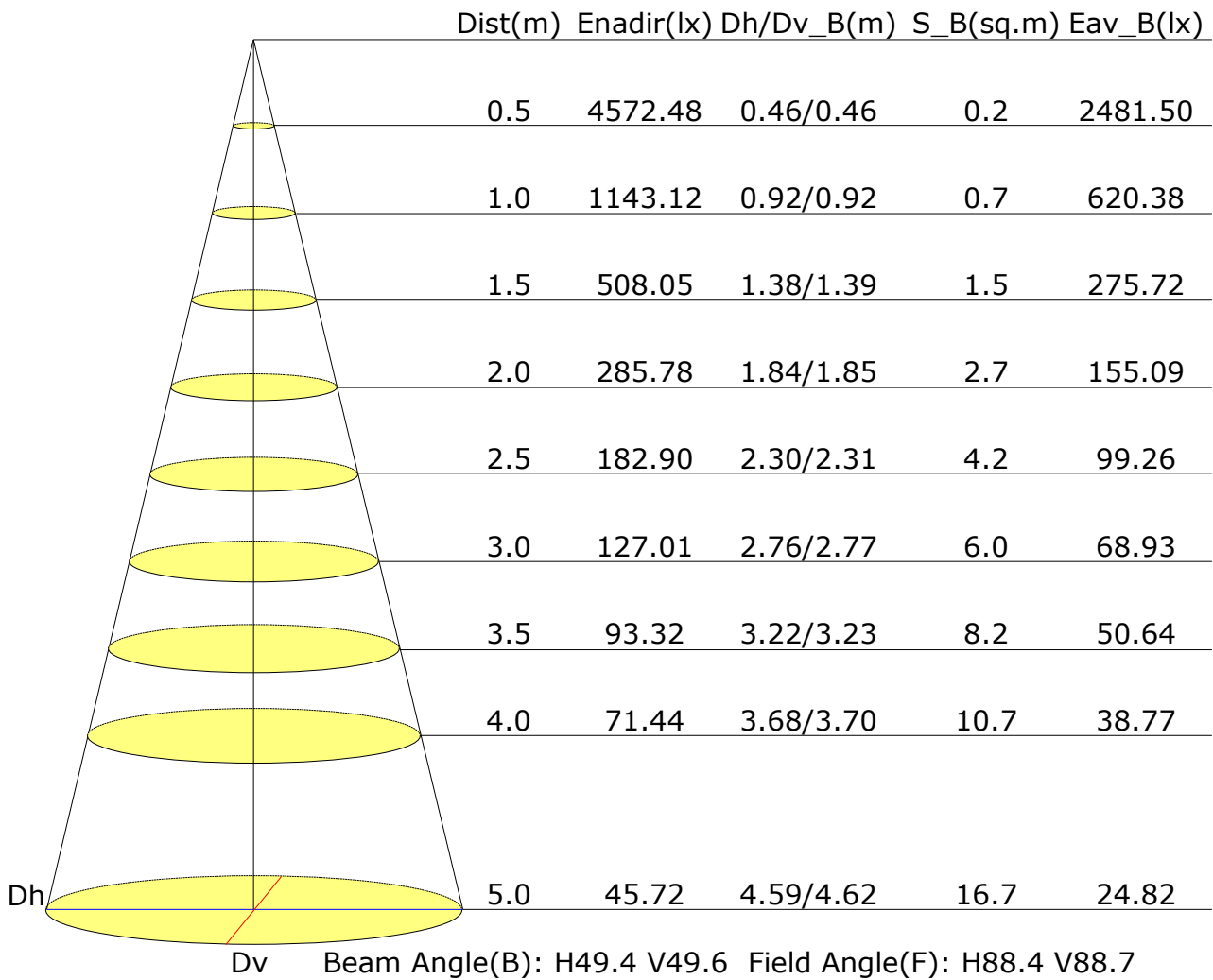


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	15808	4914	2507	1606	1279	933	798	185	0
C90	17290	5087	2379	1606	1025	827	530	0	0
C180	15227	4624	2250	1534	1025	827	530	0	0
C270	15227	4509	2316	1461	1025	827	530	0	0

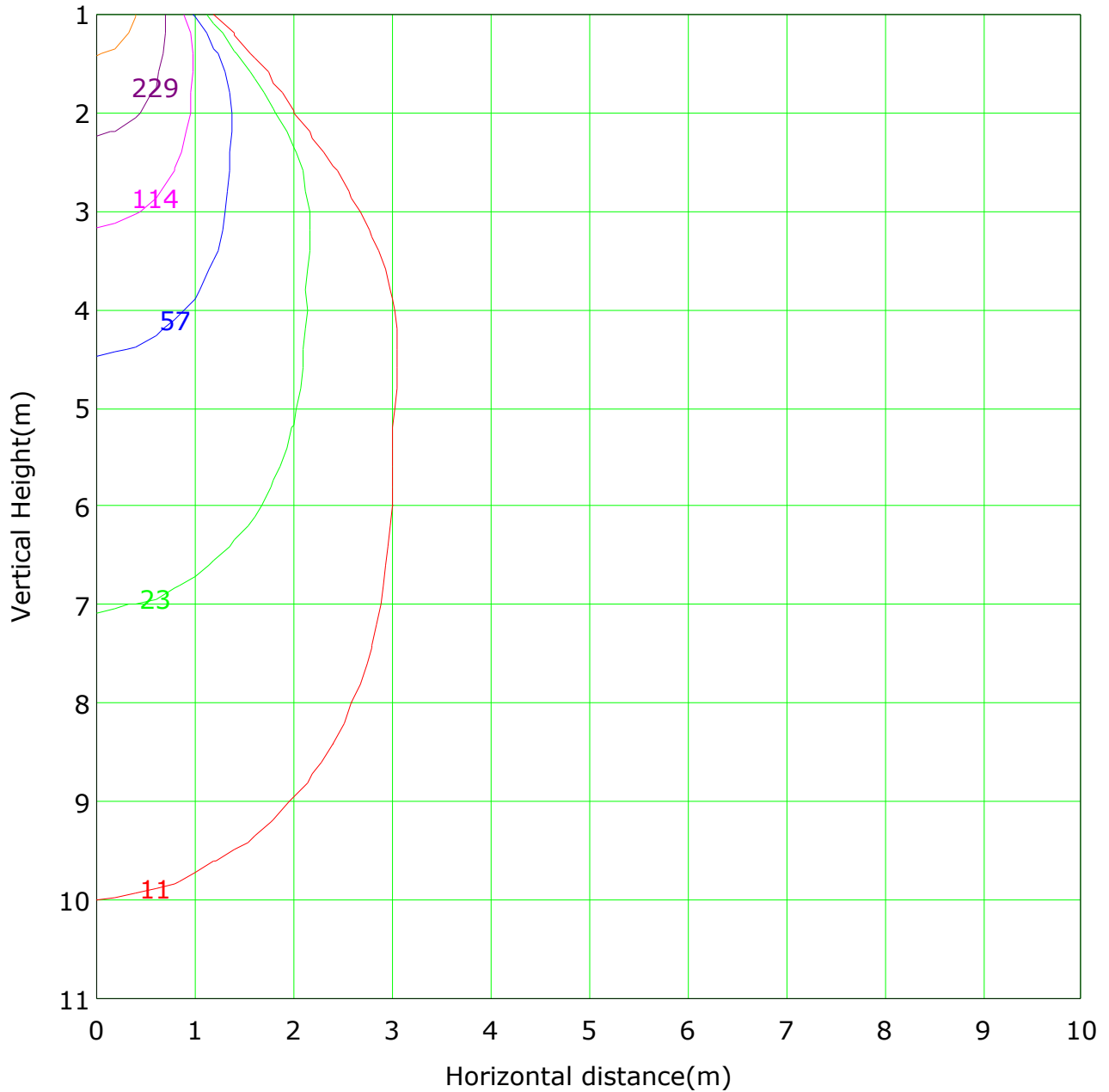
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Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1143.1 lx

— (1%): 11.4 lx	— (2%): 22.9 lx
— (5%): 57.2 lx	— (10%): 114.3 lx
— (20%): 228.6 lx	— (50%): 571.6 lx
— (100%):1143.1 lx	

The Average Illuminance Effective Figure

