

Report No.: 1

Test Time: 2016-12-27 15:27

Luminaire Property

Luminaire Category: 0111.W.A331.6
Luminaire Description: 60060
Length (mm): 118
Height (mm): 3
Current: 0.065 A
Power Factor: 0.981

Luminaire Manufacturer: Brasled
Width (mm): 118
Voltage: 230.1 V
Power: 14.58 W

Photometric Results

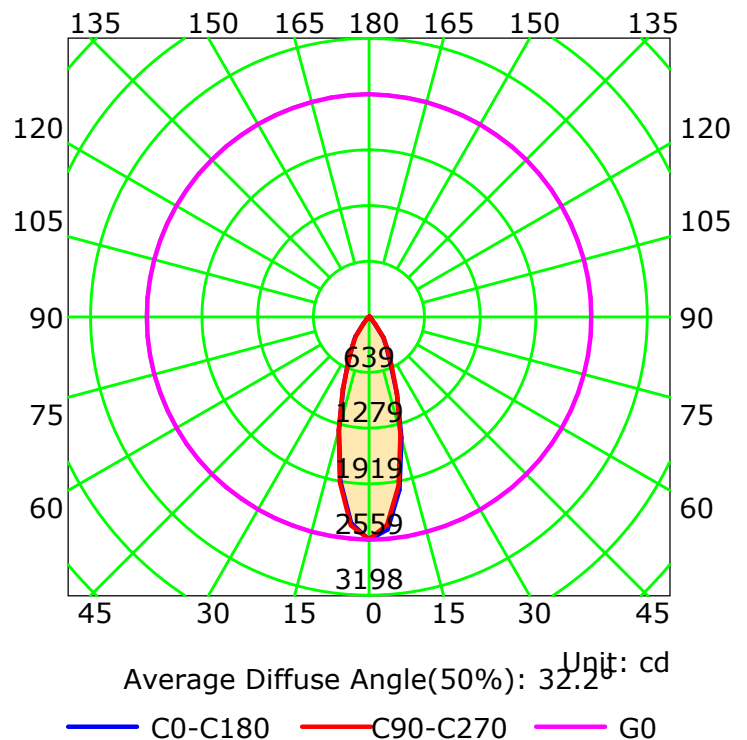
CIE Class: Direct
Measurement Flux: 1107.5 lm
Downward Ratio: 100%
Field Angle: H71.7 V71.5
Luminaire Efficacy Rating (LER): 76
Max. Intensity: 2559.1 cd

Total Rated Lamp Lumens: 1107.5 lm
Efficiency: 100%
Upward Ratio: 0%
Beam Angle: H32.2 V32.1
Central Intensity: 2559.09 cd
Pos of Max. Intensity: H0 V0

Picture Of Luminaire



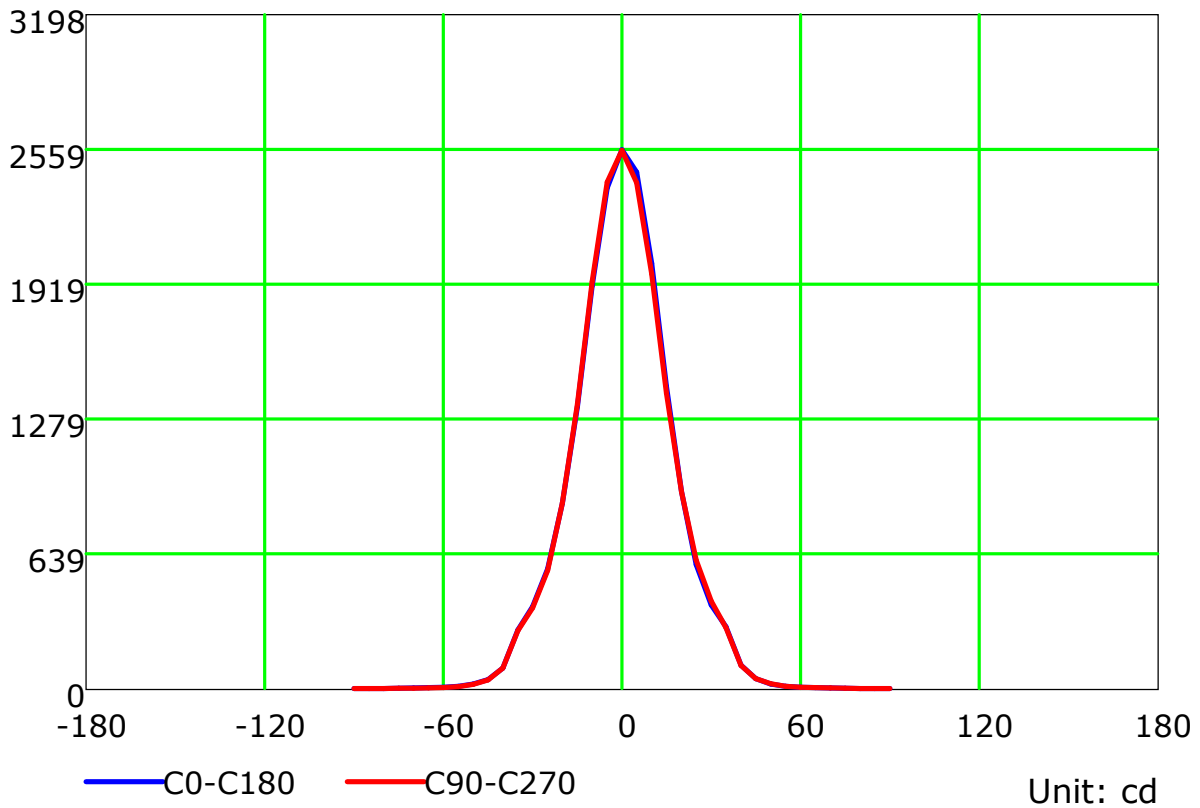
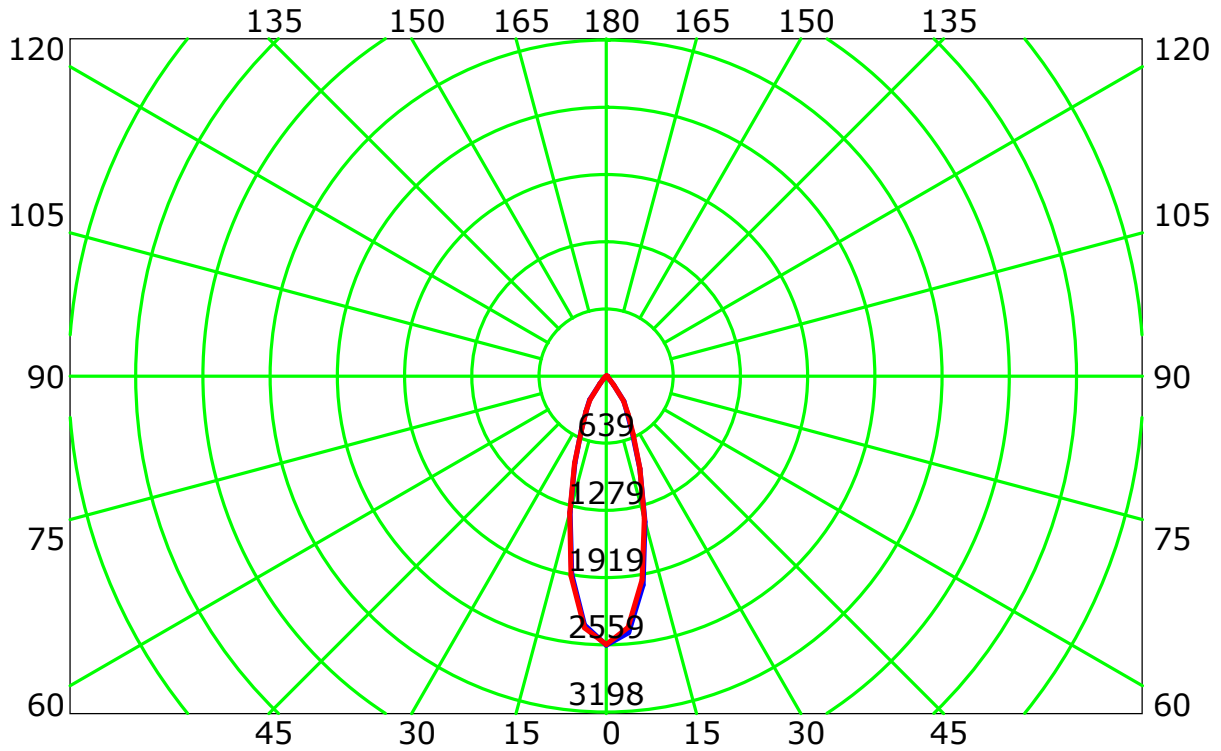
Luminous Intensity Distribution Curve



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



Unit: cd

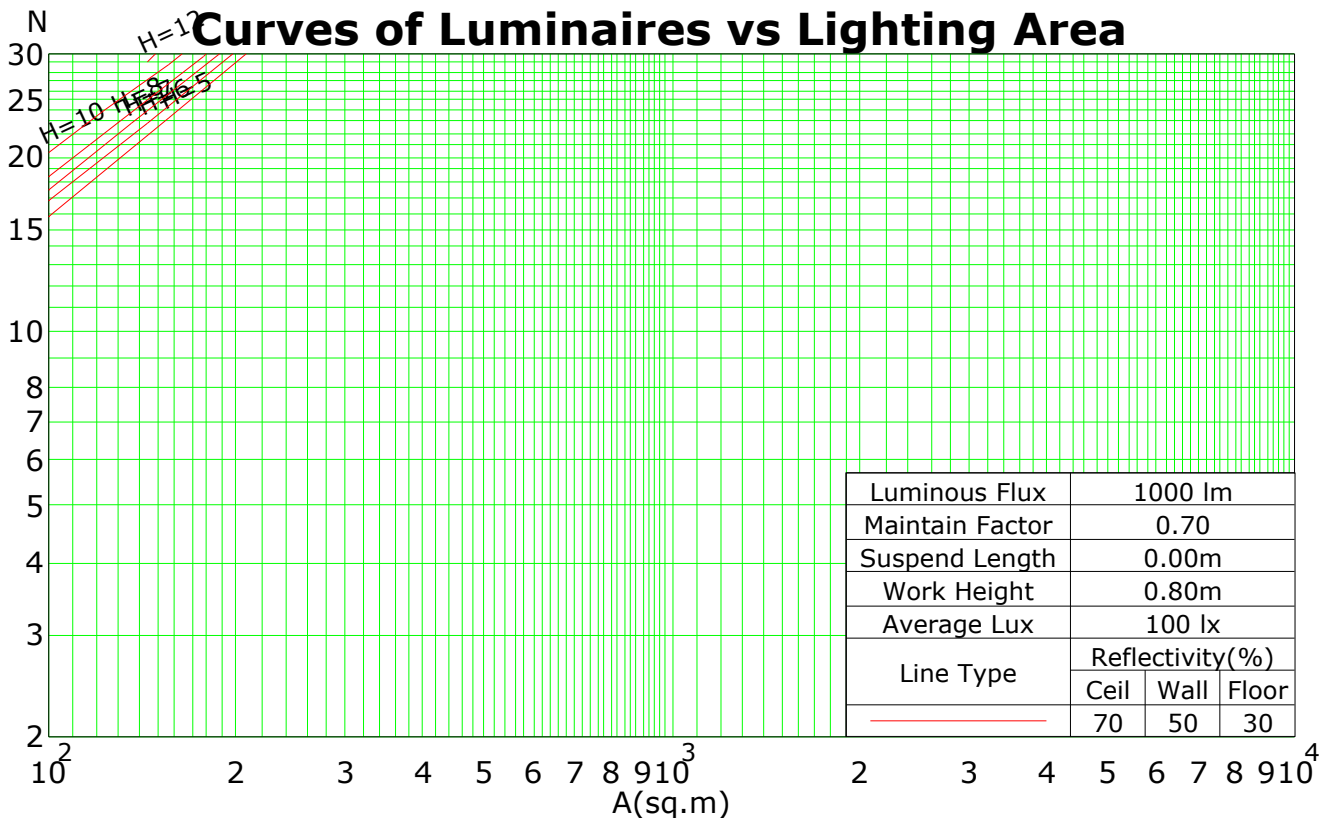
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Coefficients Of Utilization - Zonal Cavity Method

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	112	109	107	112	109	107	105	105	104	102	102	100	99	98	97	96	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	89
3	104	99	94	91	102	97	93	90	95	91	88	92	89	87	90	88	86	84
4	100	93	88	84	98	92	87	84	90	86	83	88	85	82	86	83	81	80
5	96	88	83	79	94	87	82	79	85	81	78	84	80	77	82	79	77	75
6	92	84	78	75	90	83	78	74	81	77	74	80	76	73	79	75	73	72
7	88	80	74	71	87	79	74	70	78	73	70	77	73	70	76	72	69	68
8	84	76	71	67	83	75	70	67	74	70	67	73	69	66	72	69	66	65
9	81	72	67	64	80	72	67	64	71	67	63	70	66	63	70	66	63	62
10	78	69	64	61	77	69	64	61	68	64	61	68	63	60	67	63	60	59

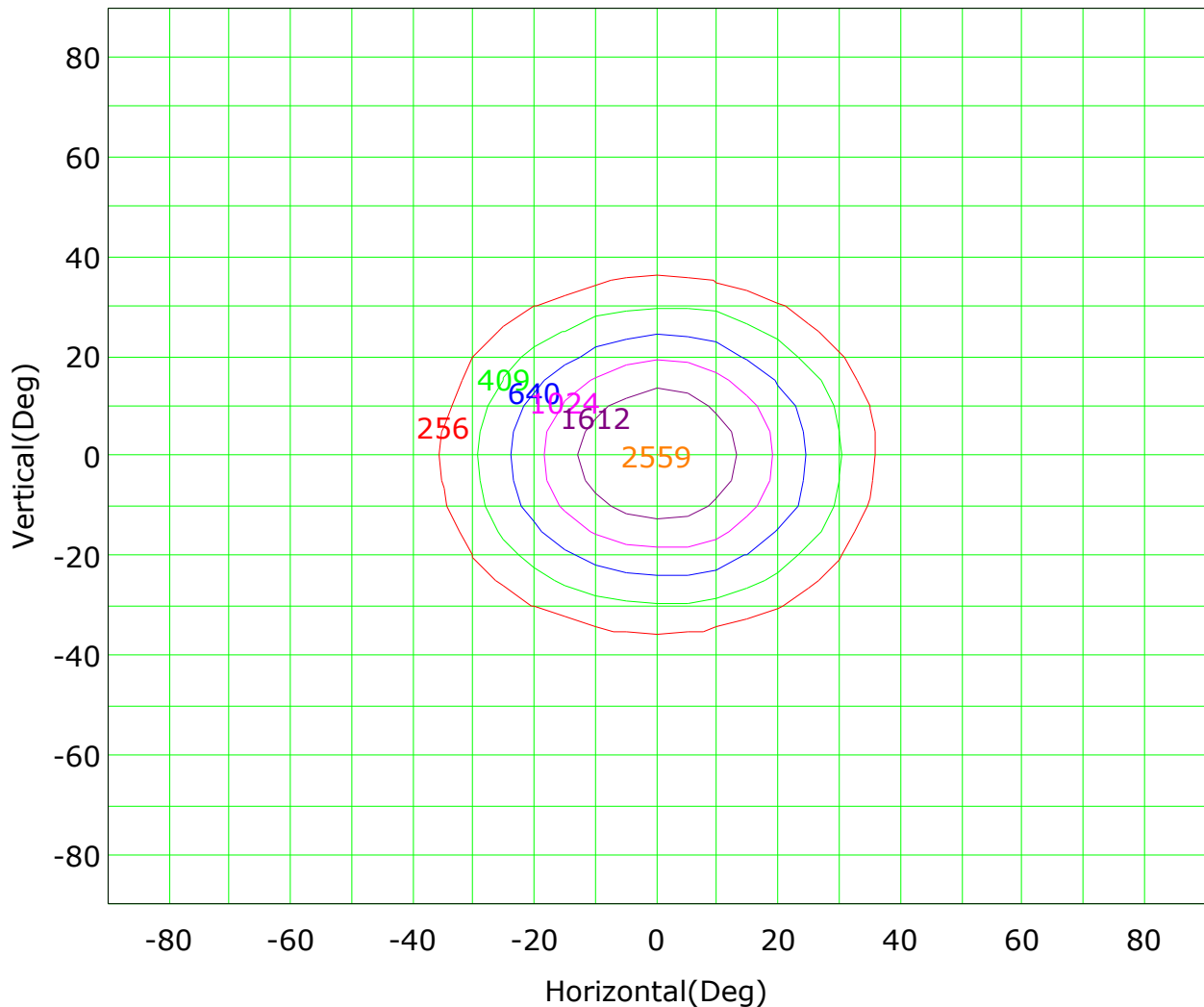
Spacing Criteria (0-180): 0.53
 Spacing Criteria (90-270): 0.52
 Spacing Criteria (Diagonal): 0.56



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Isocandela (rectangle)



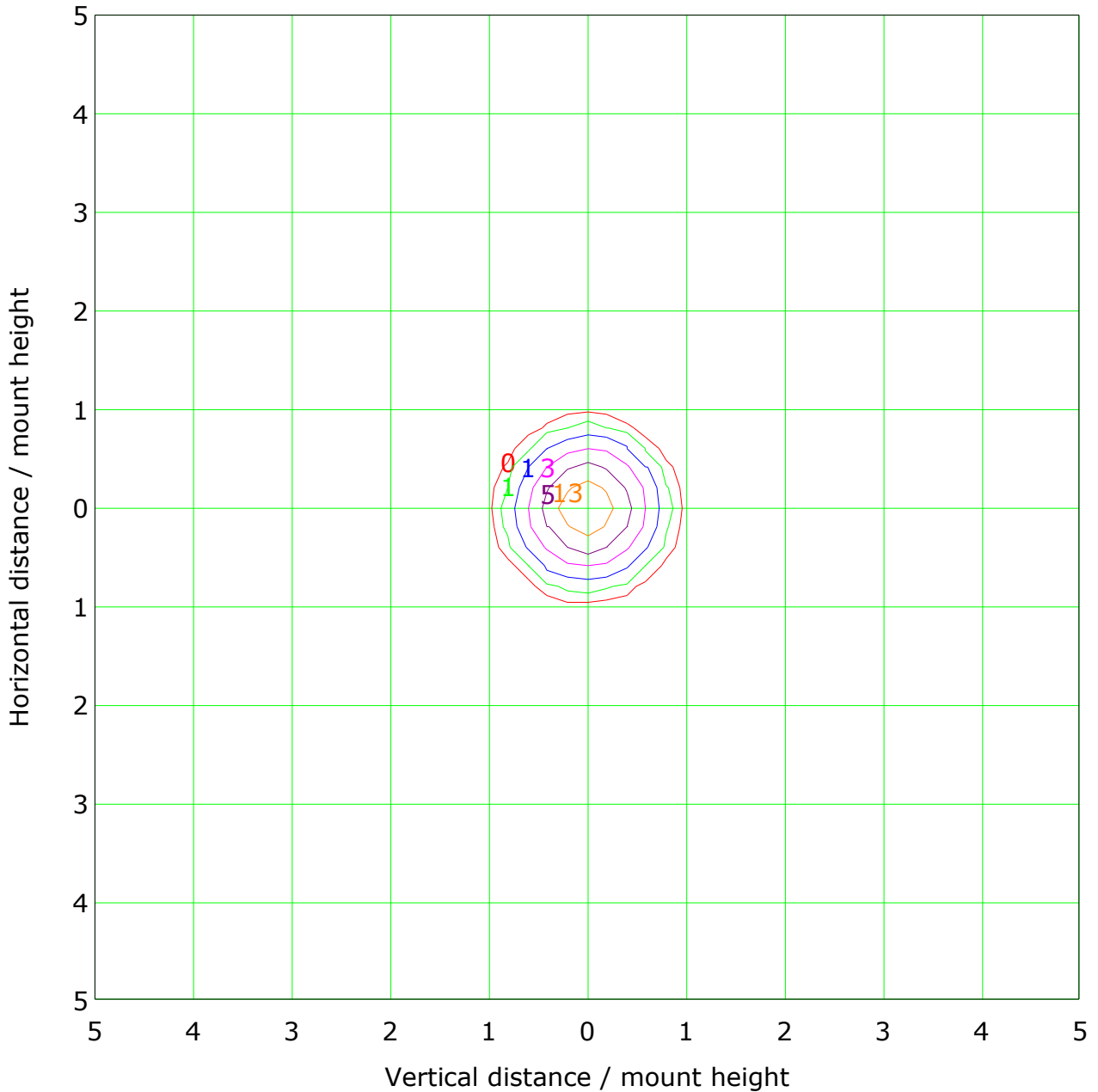
Imax (100%): 2559 cd

— (10%): 256 cd	— (16%): 409 cd
— (25%): 640 cd	— (40%): 1024 cd
— (63%): 1612 cd	— (100%): 2559 cd

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IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 25.6 lx

— (1%): 0.3 lx	— (2%): 0.5 lx
— (5%): 1.3 lx	— (10%): 2.6 lx
— (20%): 5.1 lx	— (50%): 12.8 lx
— (100%): 25.6 lx	

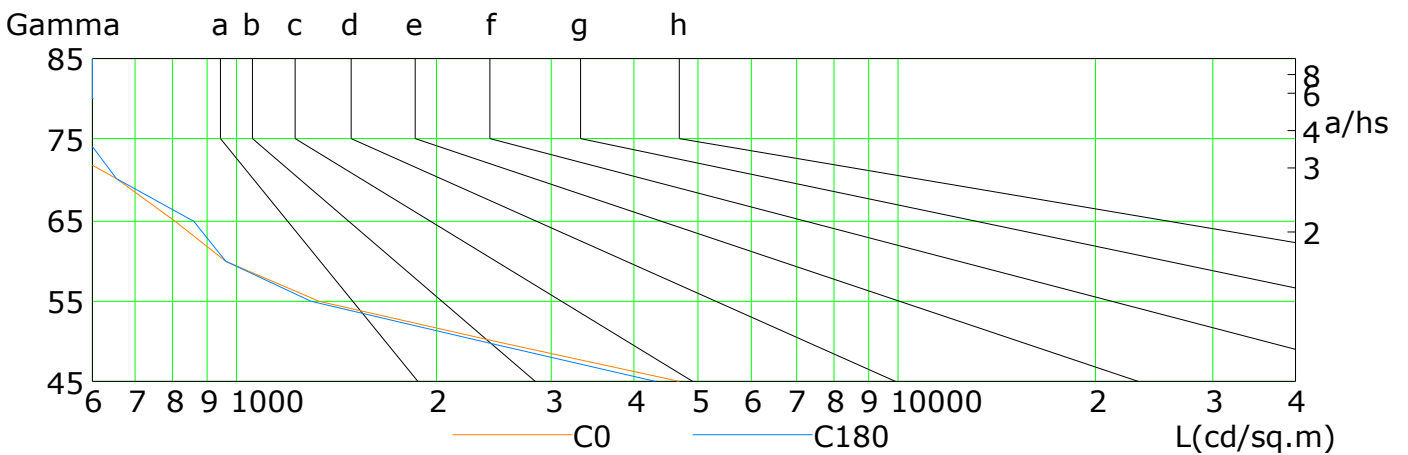
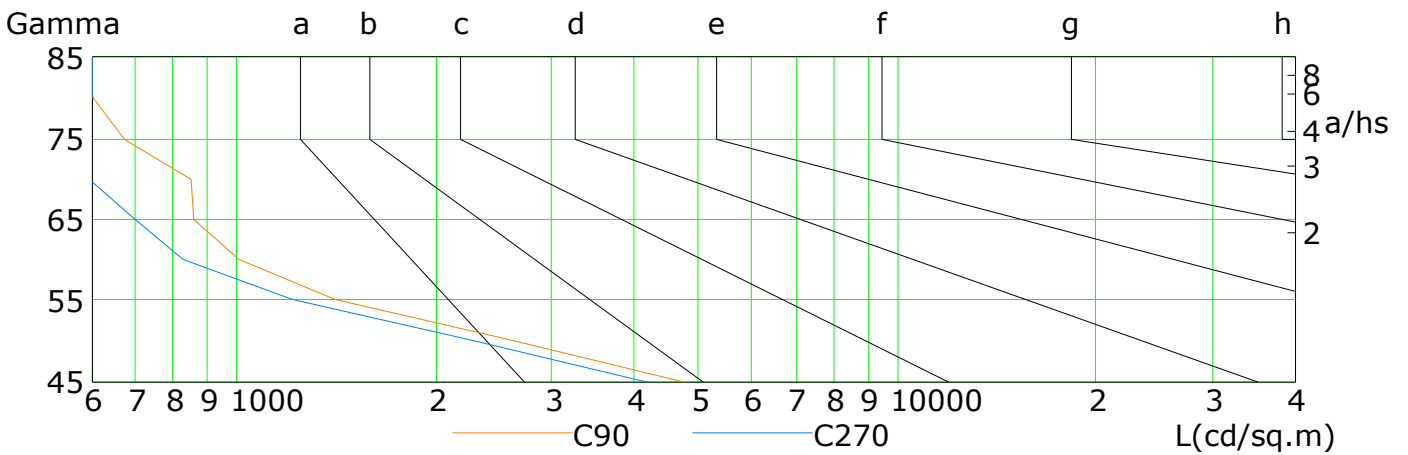
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Lum Limit Curve

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

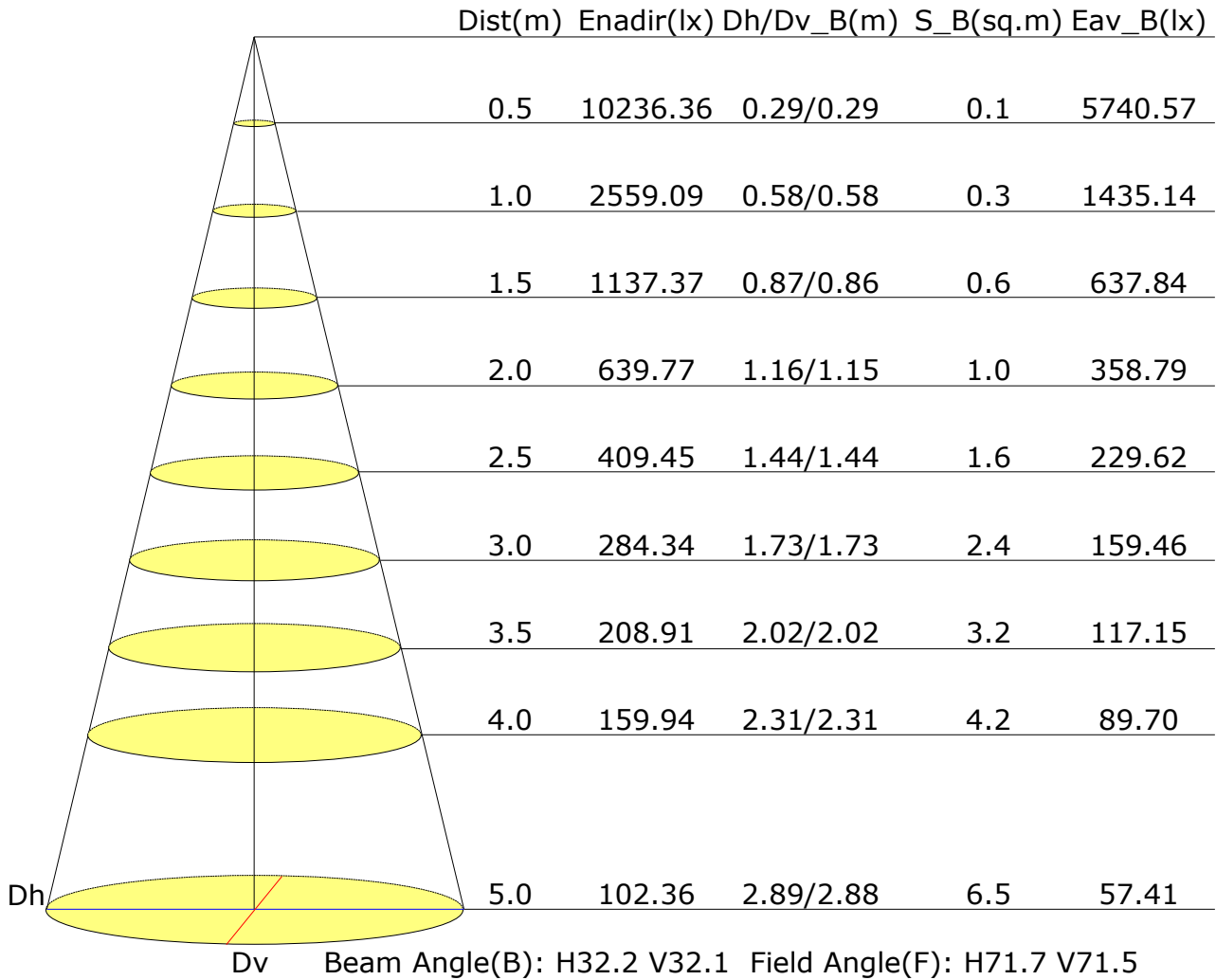


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	4687	2457	1329	963	806	654	507	0	0
C90	4753	2566	1409	1008	859	850	677	0	0
C180	4291	2349	1288	963	859	654	591	0	0
C270	4192	2240	1208	825	698	589	507	0	0

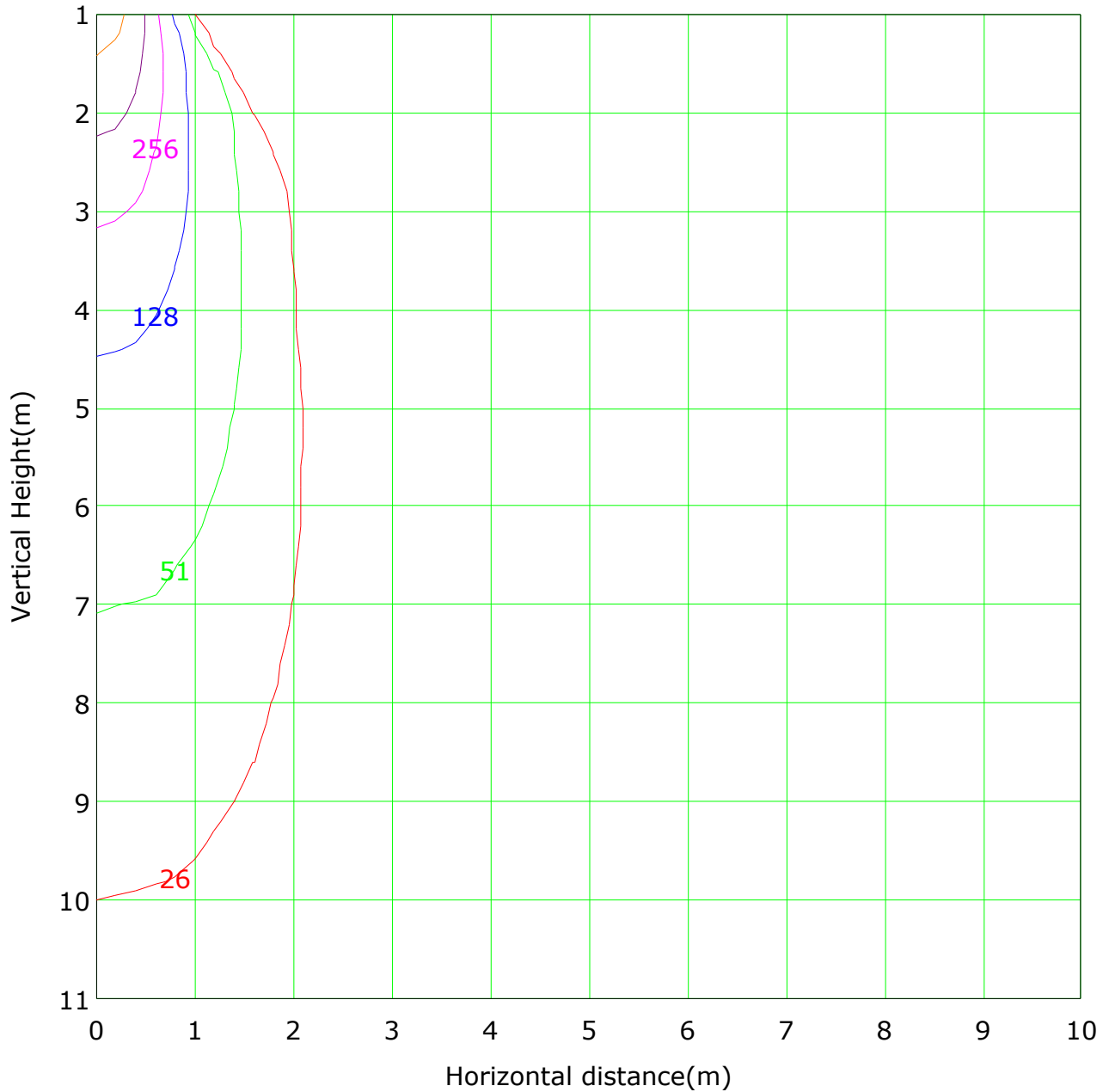
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Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 2559.1 lx
 (1%): 25.6 lx (2%): 51.2 lx
 (5%): 128.0 lx (10%): 255.9 lx
 (20%): 511.8 lx (50%): 1279.5 lx
 (100%): 2559.1 lx

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The Average Illuminance Effective Figure

