

Report No.: 1

Test Time: 2017-01-17 10:17

Luminaire Property

Luminaire Category: 0411.W.H241.6
Luminaire Description: 60085
Length (mm): 88
Height (mm): 2
Current: 0.057 A
Power Factor: 0.979

Luminaire Manufacturer: Brasled
Width (mm): 88
Voltage: 230.1 V
Power: 12.90 W

Photometric Results

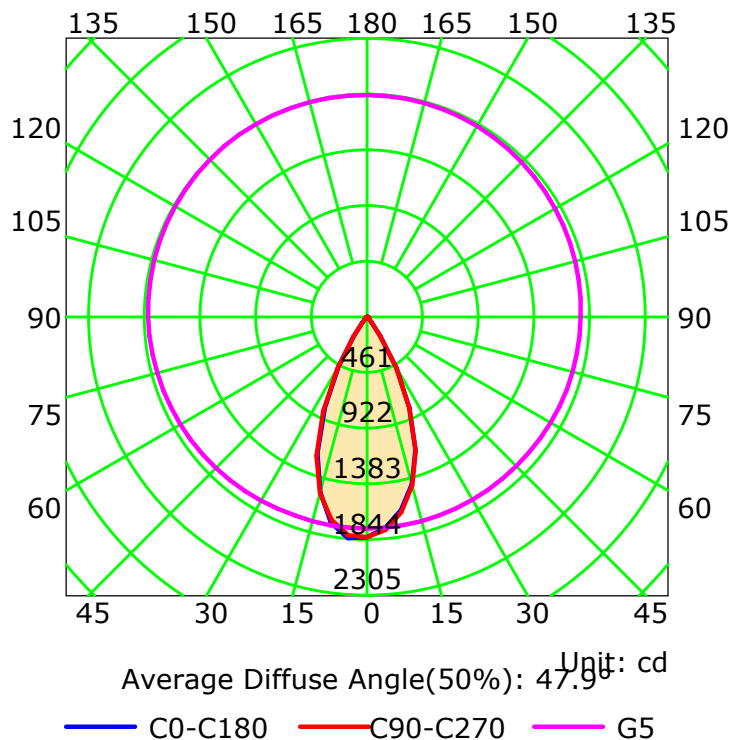
CIE Class: Direct
Measurement Flux: 1153.2 lm
Downward Ratio: 100%
Field Angle: H70.9 V70.7
Luminaire Efficacy Rating (LER): 89
Max. Intensity: 1844.47 cd

Total Rated Lamp Lumens: 1153.2 lm
Efficiency: 100%
Upward Ratio: 0%
Beam Angle: H47.6 V48.2
Central Intensity: 1825.32 cd
Pos of Max. Intensity: H202.5 V5

Picture Of Luminaire



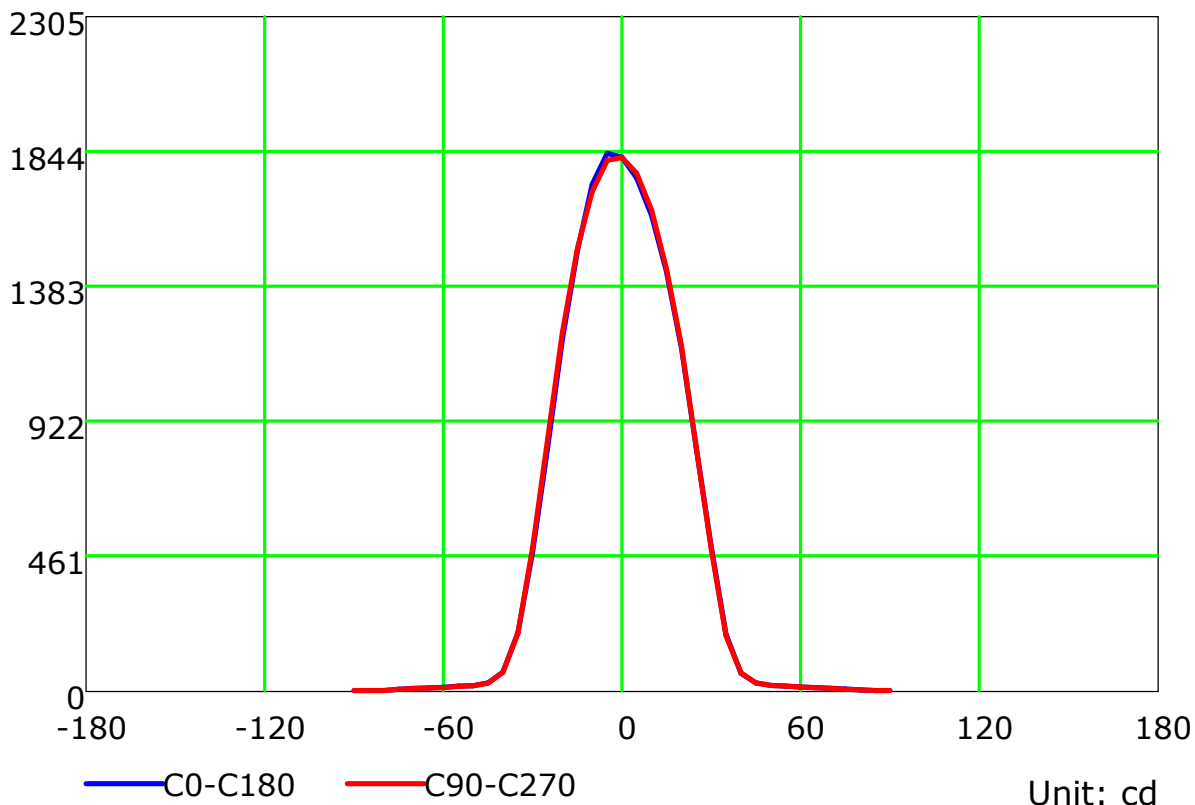
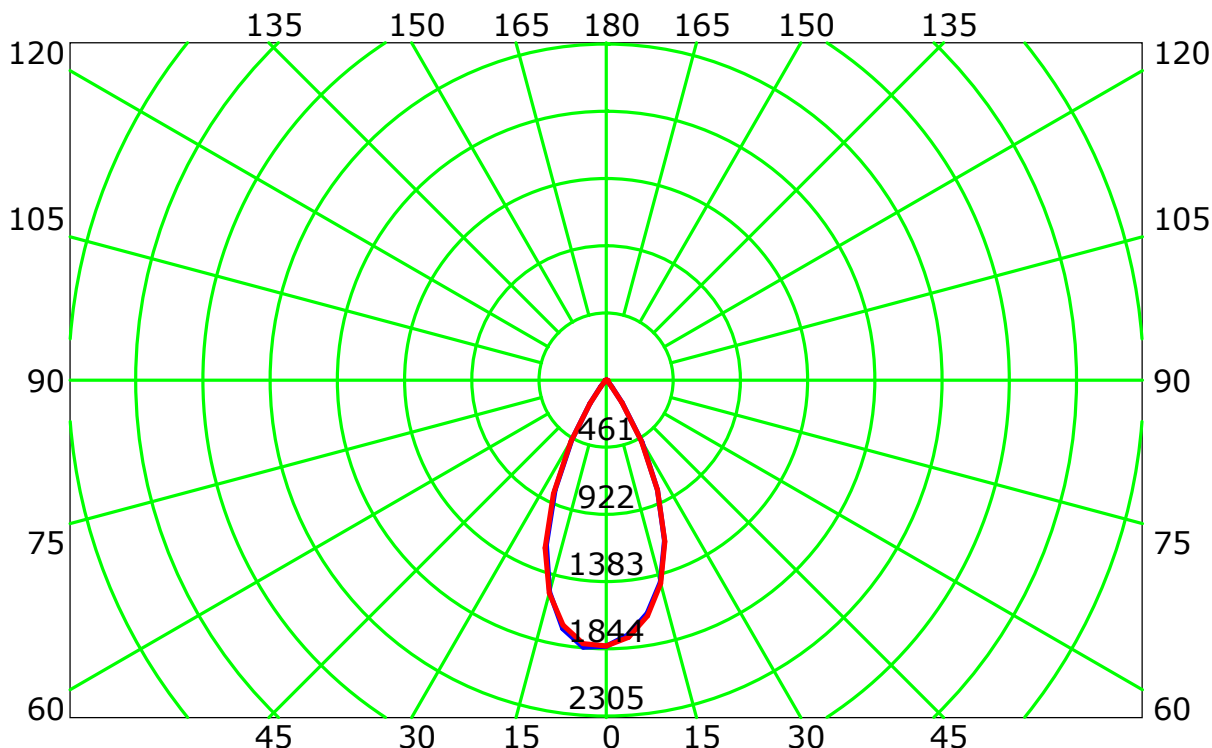
Luminous Intensity Distribution Curve



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



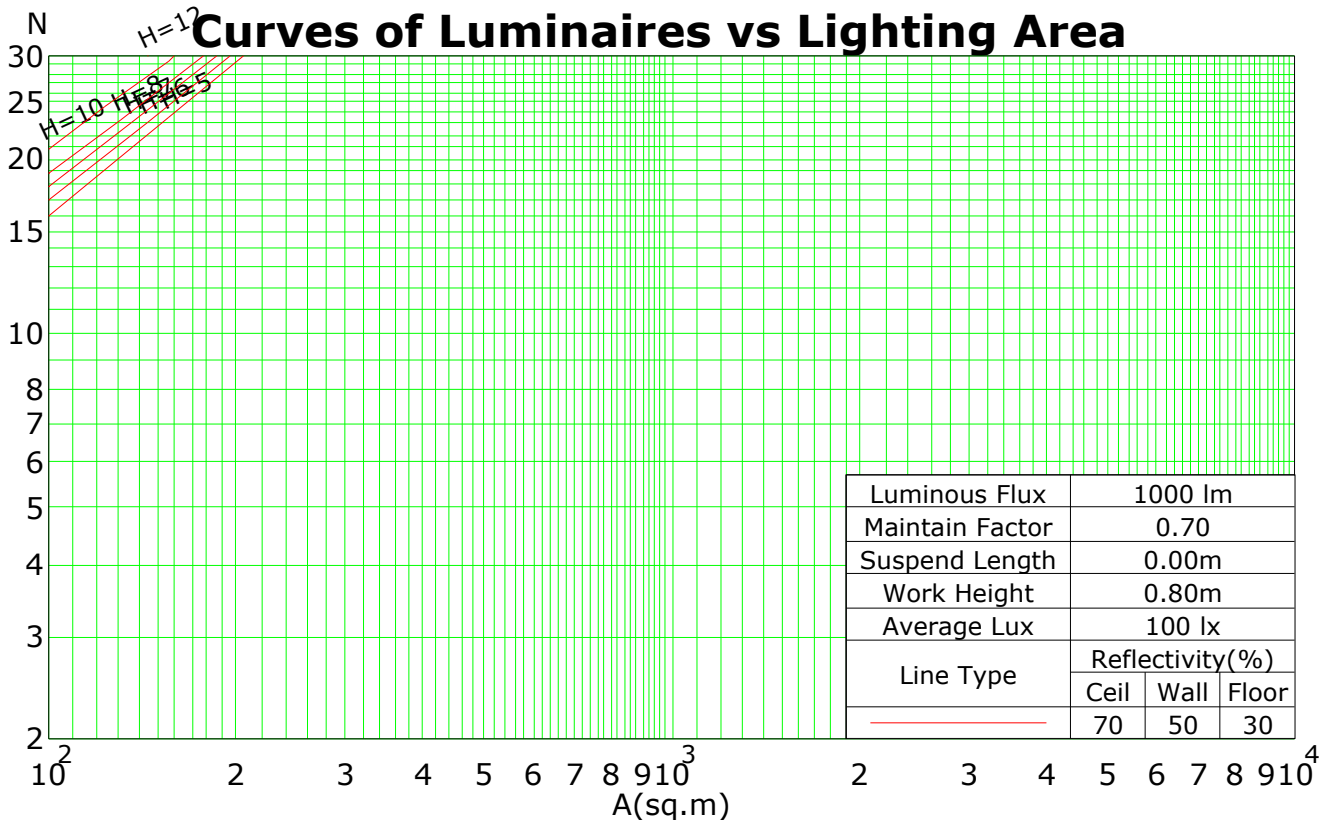
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Coefficients Of Utilization - Zonal Cavity Method

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	89
3	104	98	93	90	102	96	92	89	94	90	87	92	89	86	89	87	85	83
4	99	92	87	83	97	91	86	83	89	85	82	87	84	81	85	82	80	78
5	95	87	82	78	93	86	81	77	84	80	77	83	79	76	81	78	75	74
6	91	83	77	73	89	82	77	73	80	76	72	79	75	72	78	74	71	70
7	87	78	73	69	86	78	72	69	76	72	68	75	71	68	74	71	68	66
8	83	74	69	65	82	74	69	65	73	68	65	72	68	65	71	67	64	63
9	80	71	66	62	79	70	65	62	70	65	62	69	64	61	68	64	61	60
10	77	68	62	59	76	67	62	59	66	62	59	66	61	58	65	61	58	57

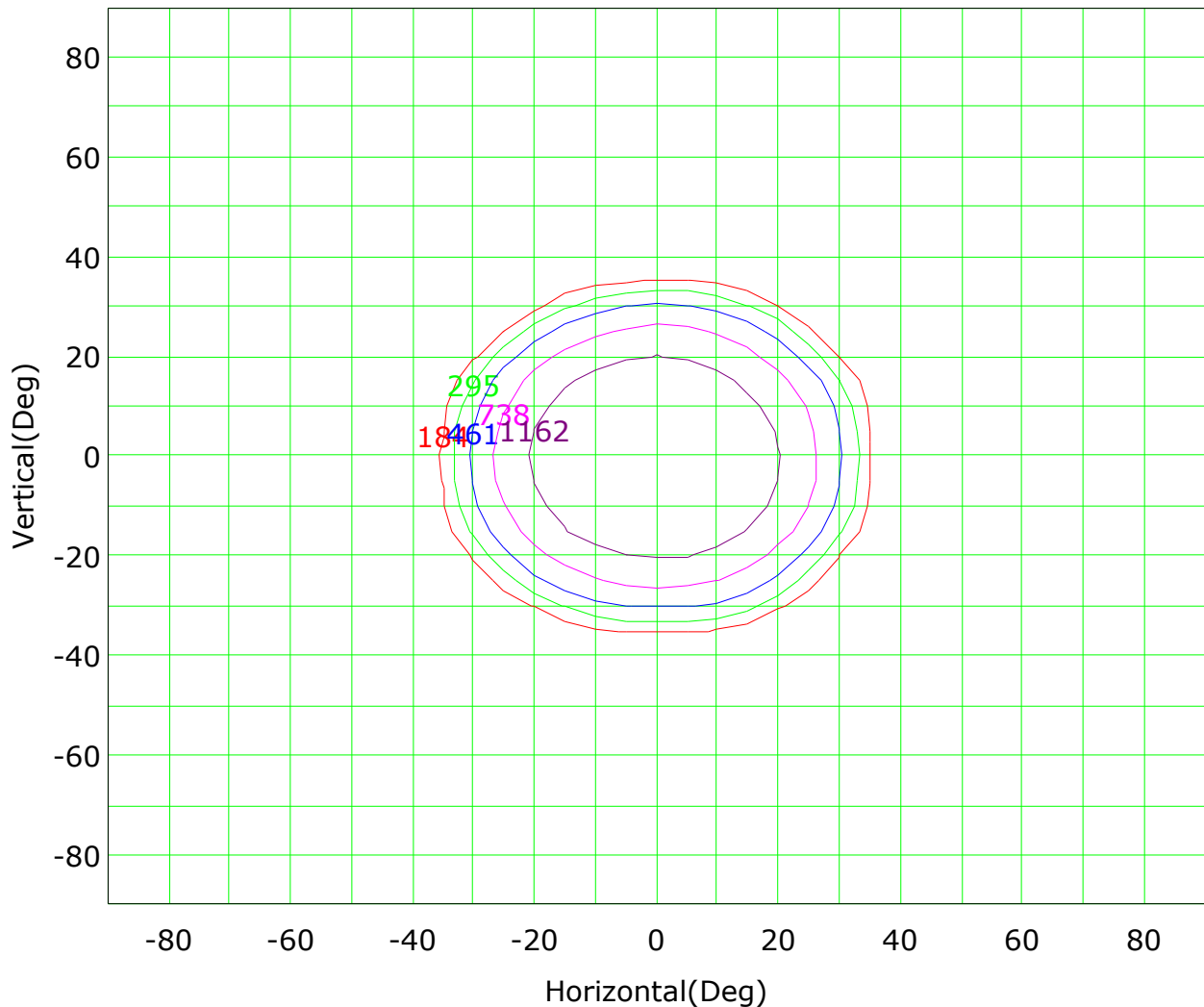
Spacing Criteria (0-180): 0.77
 Spacing Criteria (90-270): 0.77
 Spacing Criteria (Diagonal): 0.74



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Isocandela (rectangle)



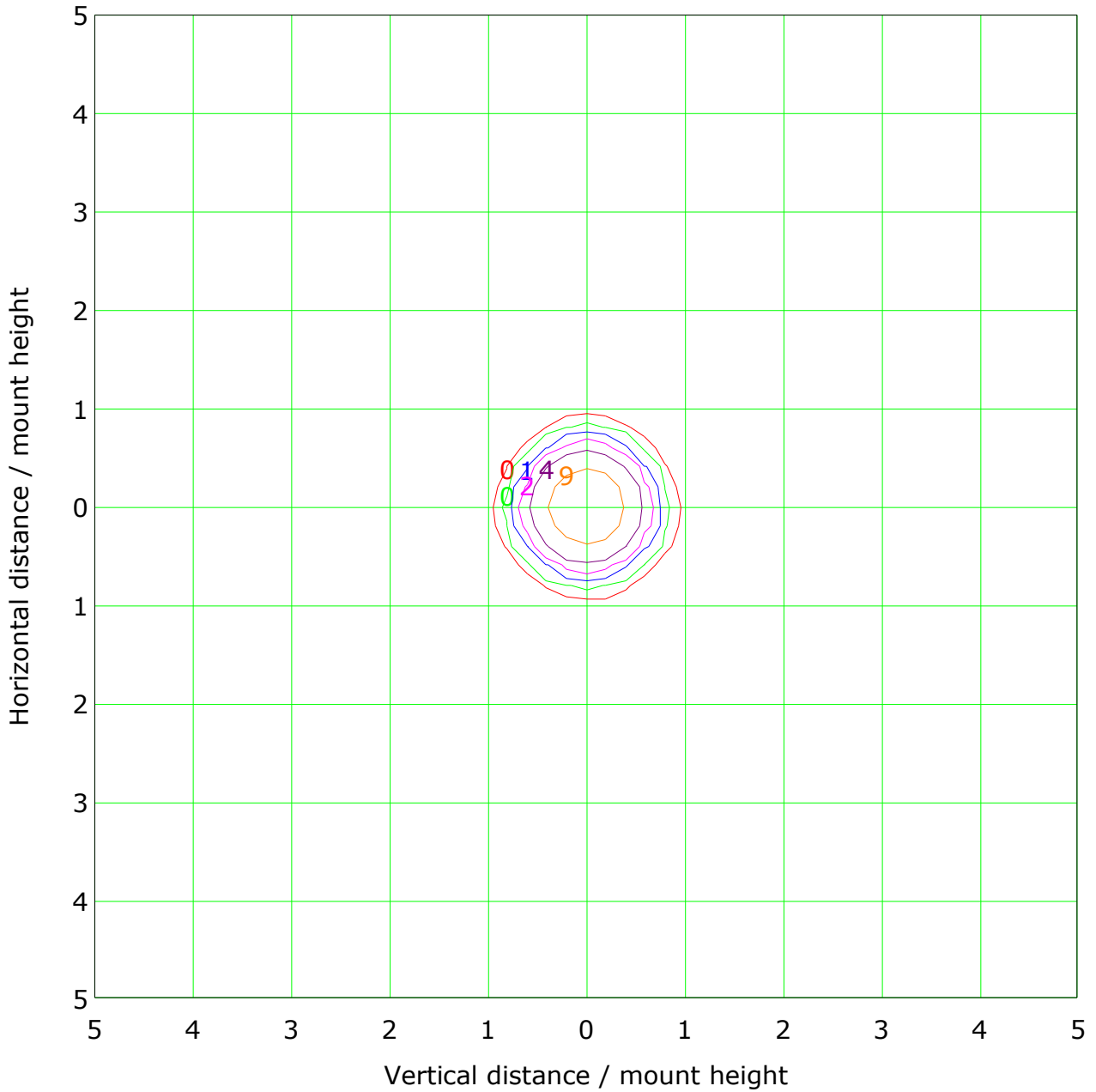
Imax (100%): 1844 cd

— (10%): 184 cd	— (16%): 295 cd
— (25%): 461 cd	— (40%): 738 cd
— (63%): 1162 cd	— (100%): 1844 cd

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IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 18.3 lx	
— (1%):	0.2 lx	— (2%):	0.4 lx
— (5%):	0.9 lx	— (10%):	1.8 lx
— (20%):	3.7 lx	— (50%):	9.1 lx
— (100%):	18.3 lx		

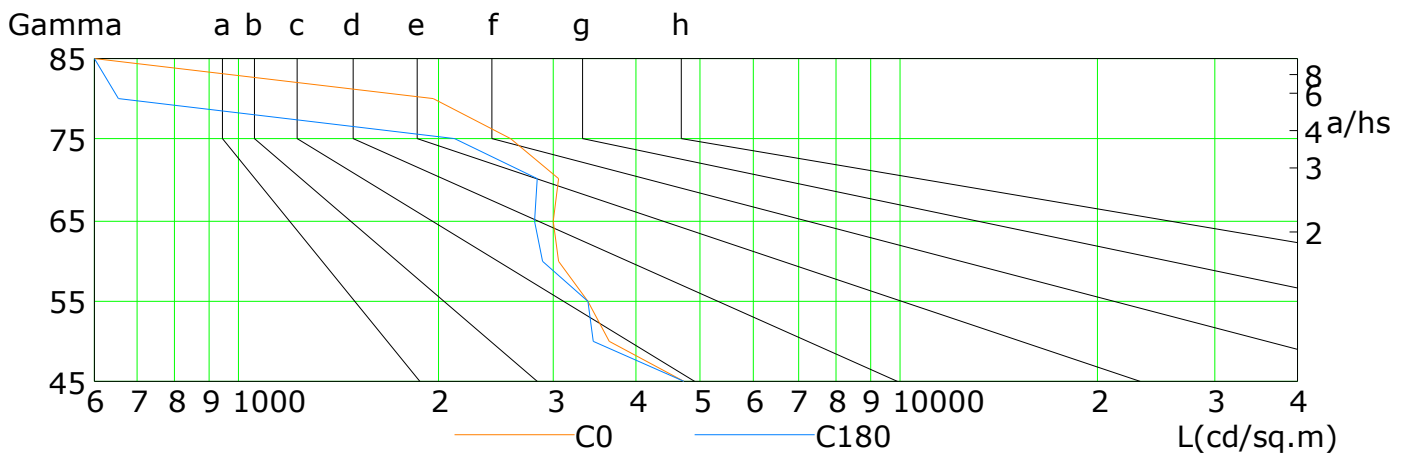
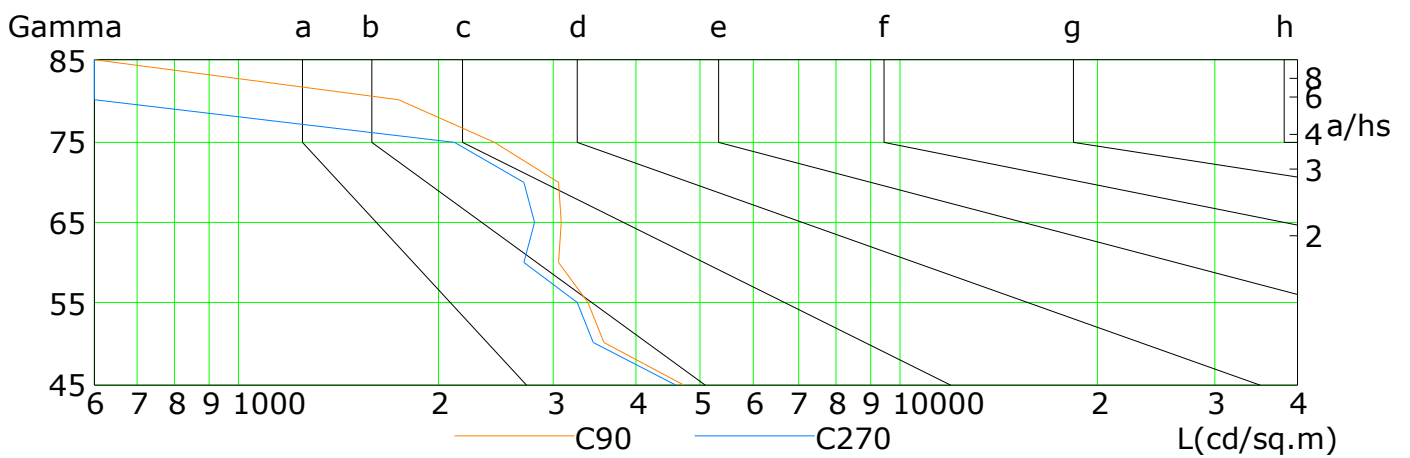
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Lum Limit Curve

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

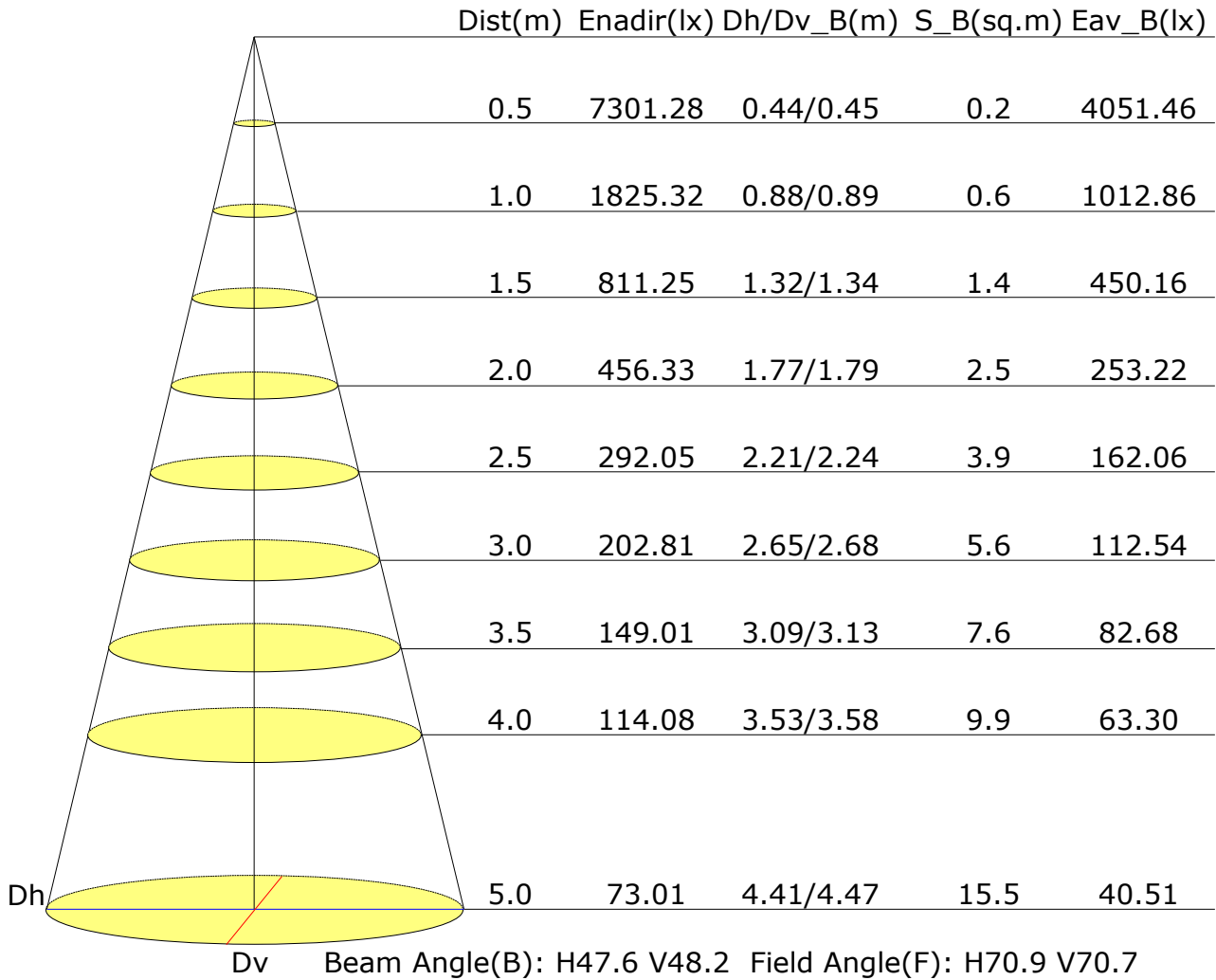


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	4716	3617	3384	3036	2981	3049	2580	1956	0
C90	4716	3552	3384	3036	3077	3049	2428	1739	0
C180	4716	3423	3384	2870	2788	2815	2125	652	0
C270	4598	3423	3240	2706	2788	2697	2125	0	0

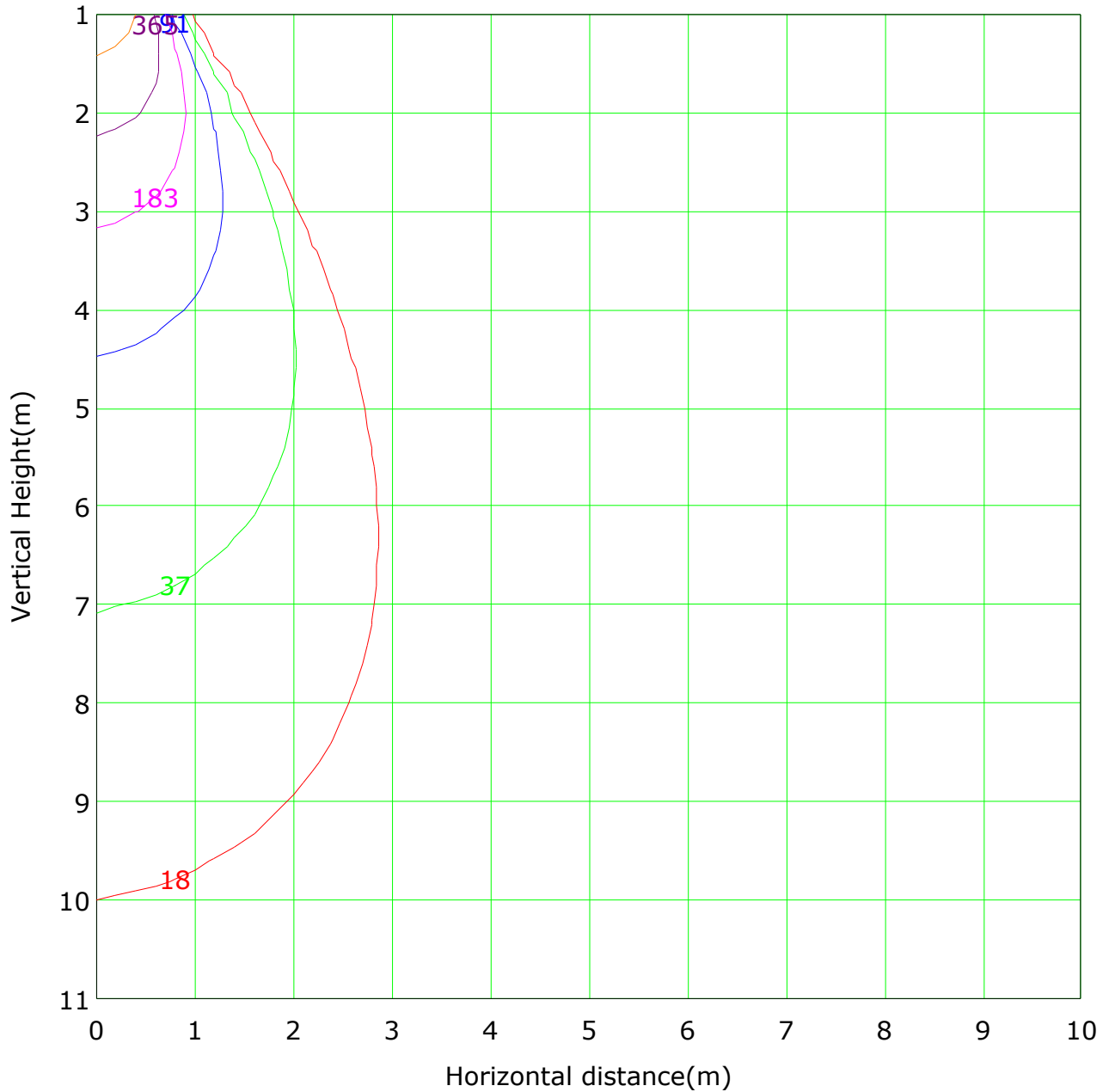
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Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1825.3 lx

— (1%): 18.3 lx	— (2%): 36.5 lx
— (5%): 91.3 lx	— (10%): 182.5 lx
— (20%): 365.1 lx	— (50%): 912.7 lx
— (100%):1825.3 lx	

The Average Illuminance Effective Figure

