

Report No.: 1

Test Time: 2017-01-10 10:05

Luminaire Property

Luminaire Category: 0126.W.U541.6
Luminaire Description: 60079
Length (mm): 114
Height (mm): 3
Current: 0.056 A
Power Factor: 0.970

Luminaire Manufacturer: Brasled
Width (mm): 114
Voltage: 230.2 V
Power: 12.43 W

Photometric Results

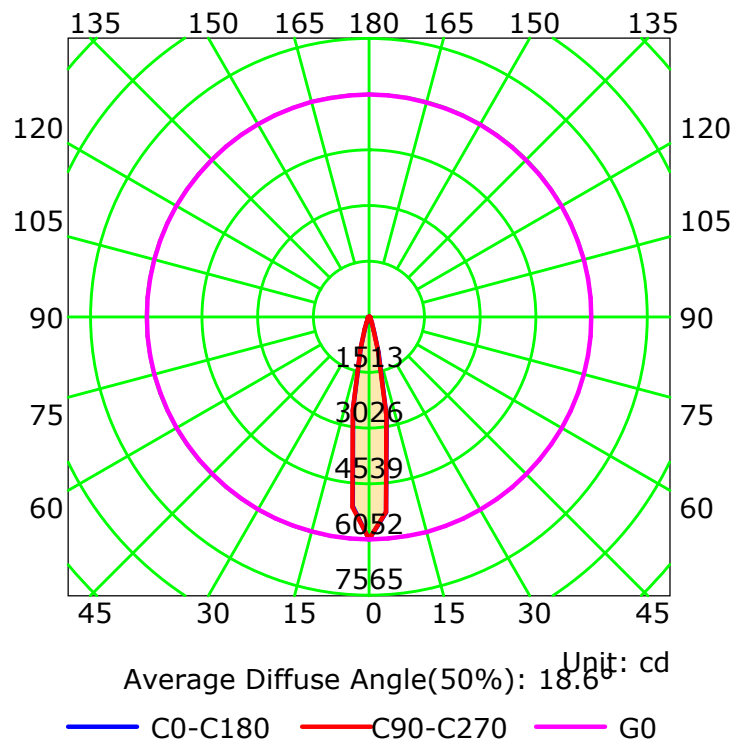
CIE Class: Direct
Measurement Flux: 1006.2 lm
Downward Ratio: 100%
Field Angle: H35.9 V35.8
Luminaire Efficacy Rating (LER): 81
Max. Intensity: 6052.63 cd

Total Rated Lamp Lumens: 1006.2 lm
Efficiency: 100%
Upward Ratio: 0%
Beam Angle: H18.6 V18.6
Central Intensity: 6045.25 cd
Pos of Max. Intensity: H22.5 V0

Picture Of Luminaire



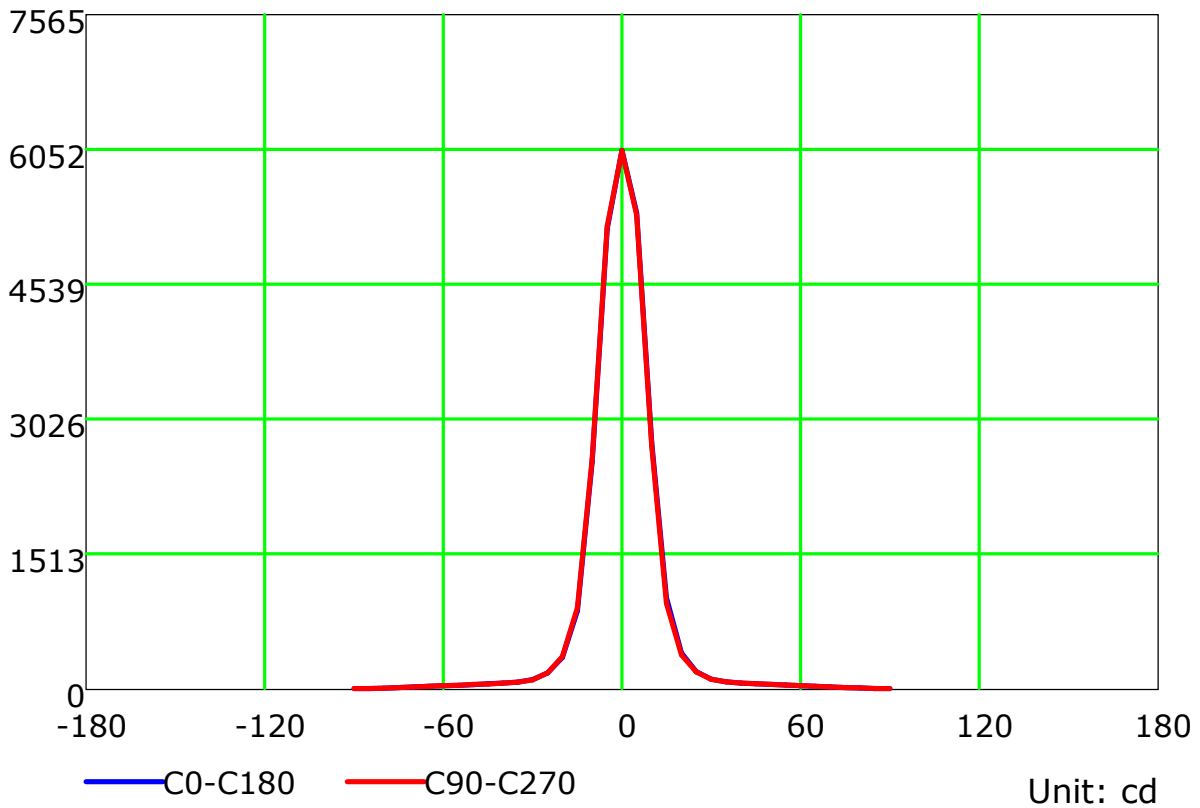
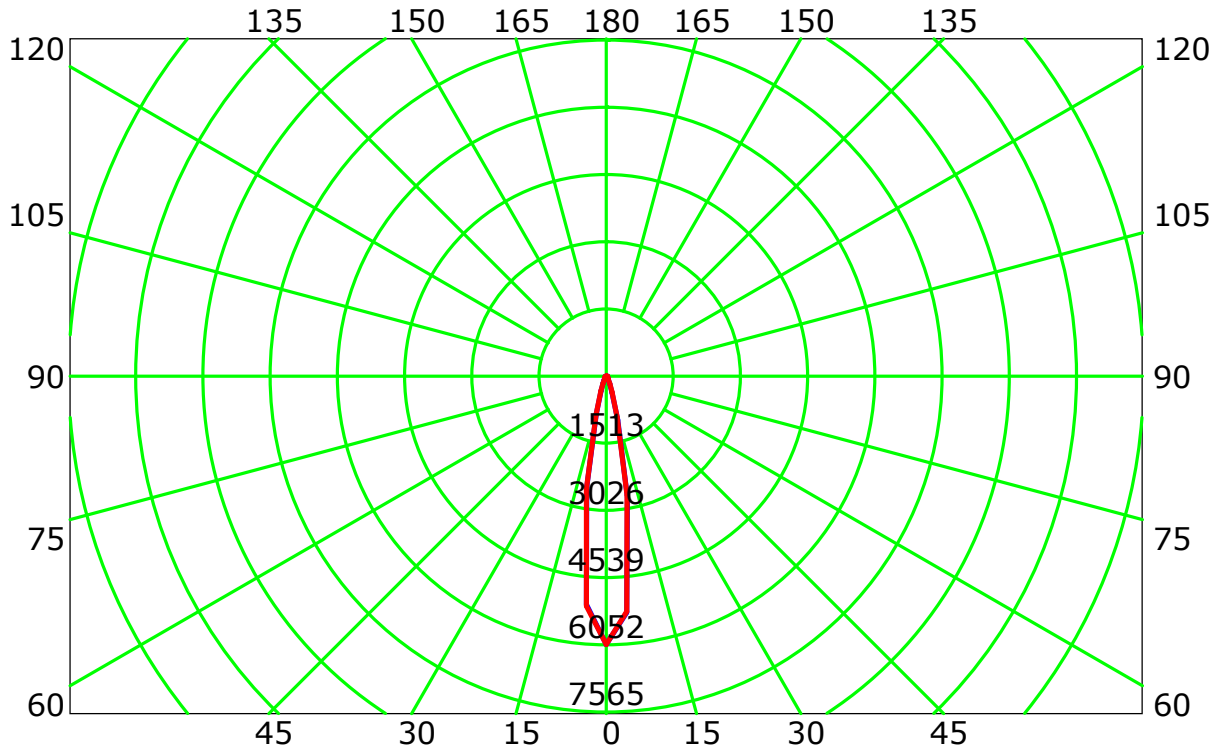
Luminous Intensity Distribution Curve



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



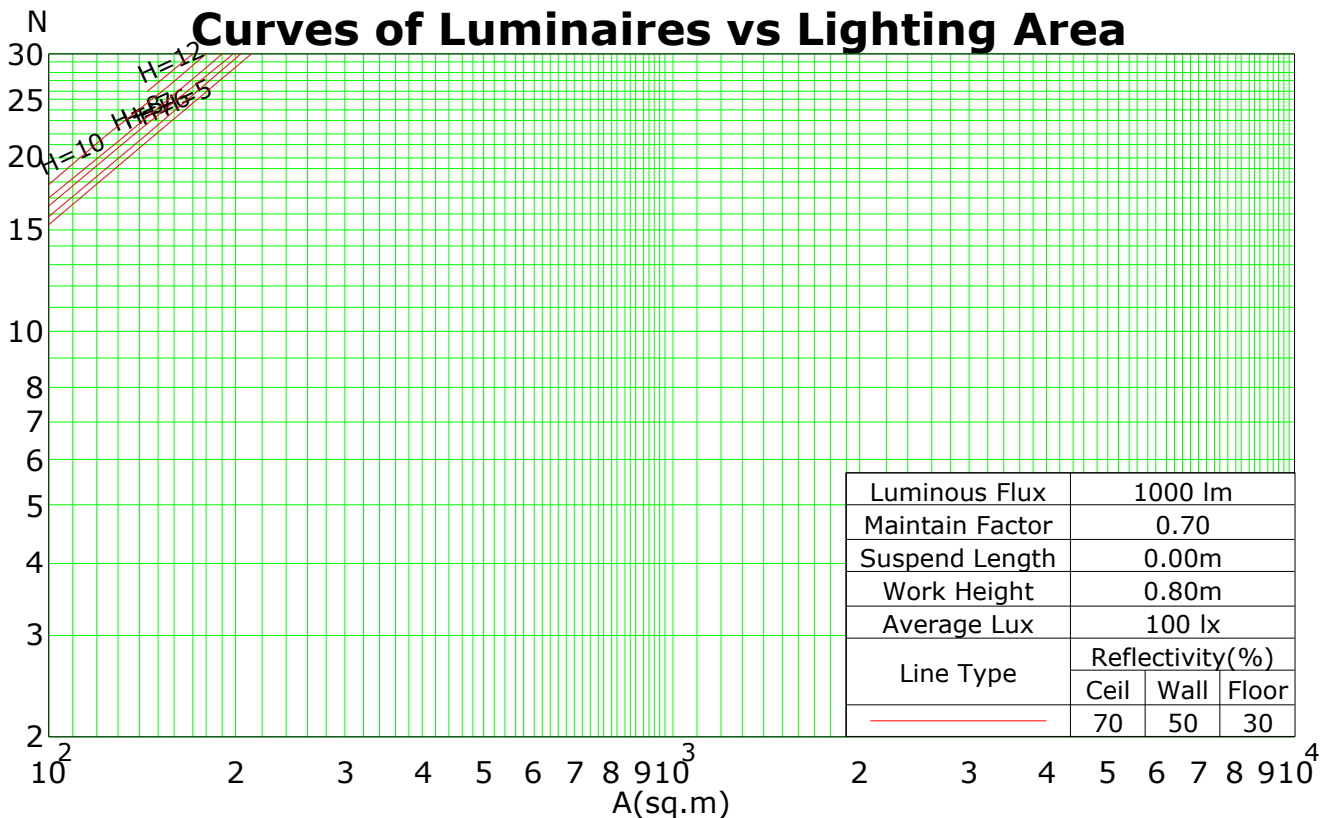
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Coefficients Of Utilization - Zonal Cavity Method

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	112	109	107	112	110	108	106	106	104	103	102	101	99	98	97	97	95
2	110	105	102	99	107	104	100	98	100	98	96	98	95	94	95	93	92	90
3	105	100	96	92	104	99	95	92	96	93	90	94	91	89	92	89	88	86
4	102	95	91	87	100	94	90	87	92	89	86	90	87	85	89	86	84	83
5	98	92	87	84	97	91	86	83	89	85	82	88	84	82	86	83	81	80
6	95	88	84	80	94	88	83	80	86	82	79	85	82	79	84	81	78	77
7	92	85	81	77	91	85	80	77	84	80	77	83	79	77	82	78	76	75
8	90	83	78	75	89	82	78	75	81	77	75	80	77	74	80	76	74	73
9	88	80	76	73	87	80	76	73	79	75	73	78	75	72	78	75	72	71
10	85	78	74	71	85	78	74	71	77	73	71	77	73	71	76	73	71	70

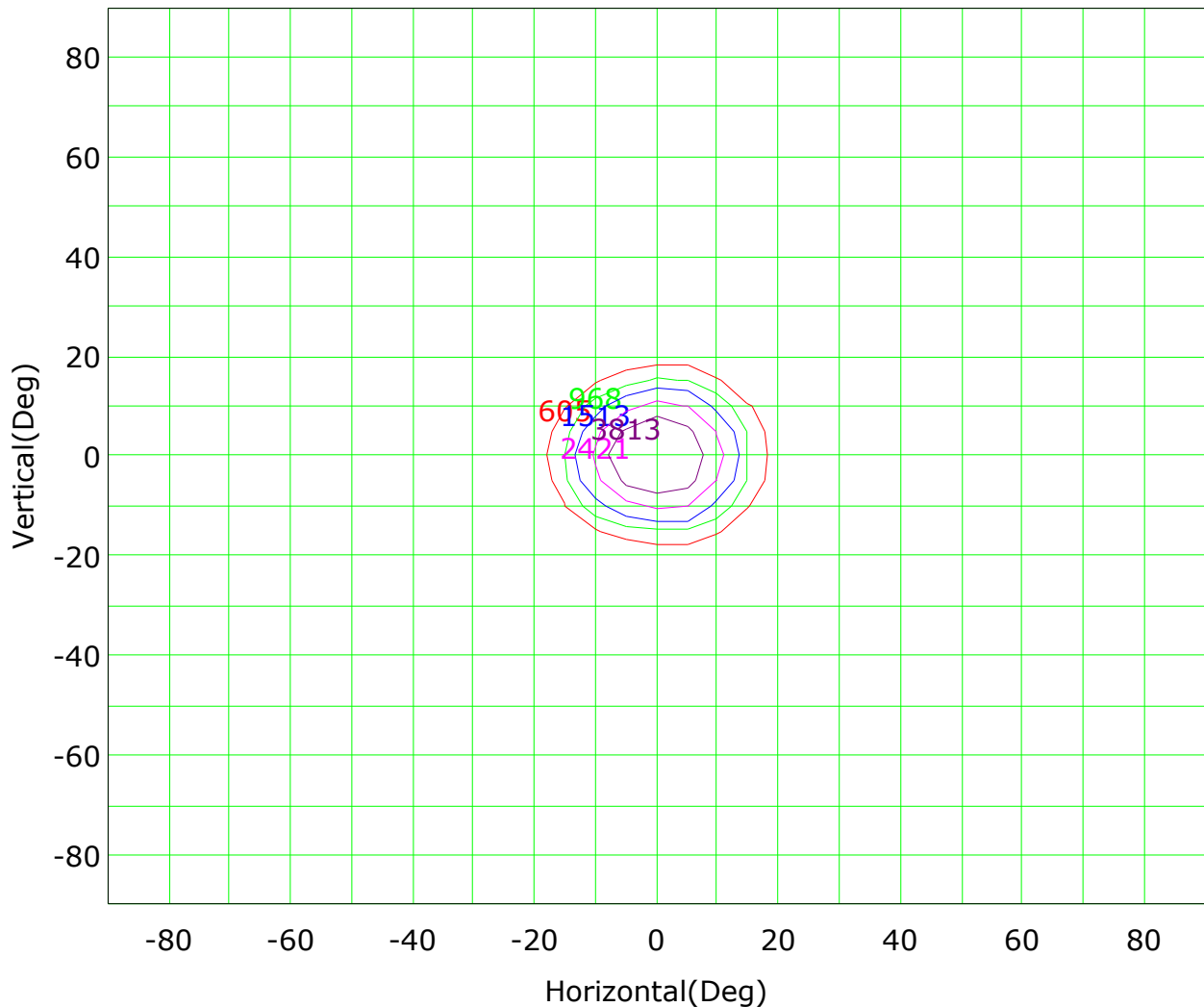
Spacing Criteria (0-180): 0.32
 Spacing Criteria (90-270): 0.32
 Spacing Criteria (Diagonal): 0.33



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Isocandela (rectangle)



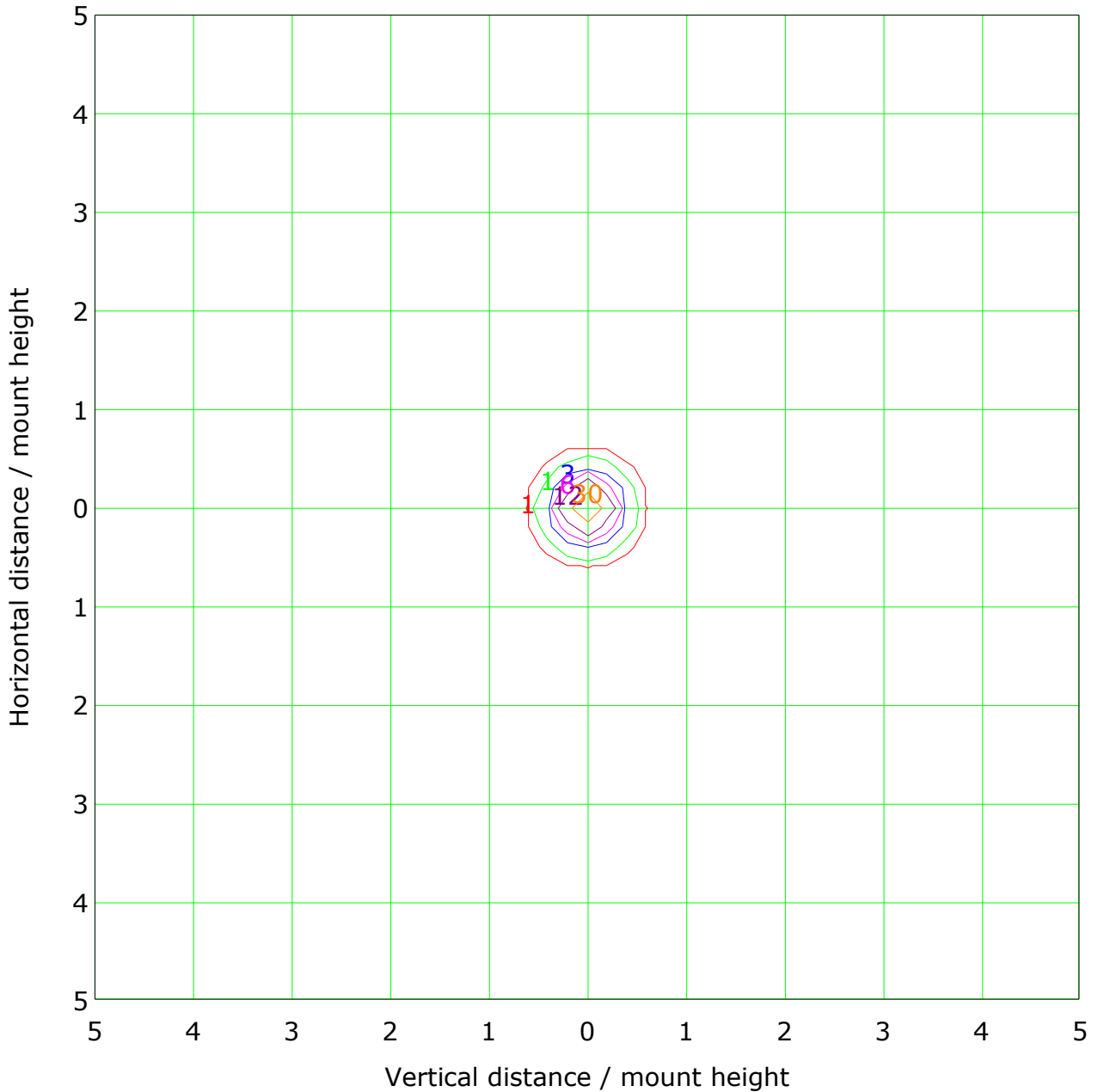
Imax (100%): 6053 cd

— (10%): 605 cd	— (16%): 968 cd
— (25%): 1513 cd	— (40%): 2421 cd
— (63%): 3813 cd	— (100%): 6053 cd

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IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 60.5 lx	
— (1%):	0.6 lx	— (2%):	1.2 lx
— (5%):	3.0 lx	— (10%):	6.1 lx
— (20%):	12.1 lx	— (50%):	30.3 lx
— (100%):	60.5 lx		

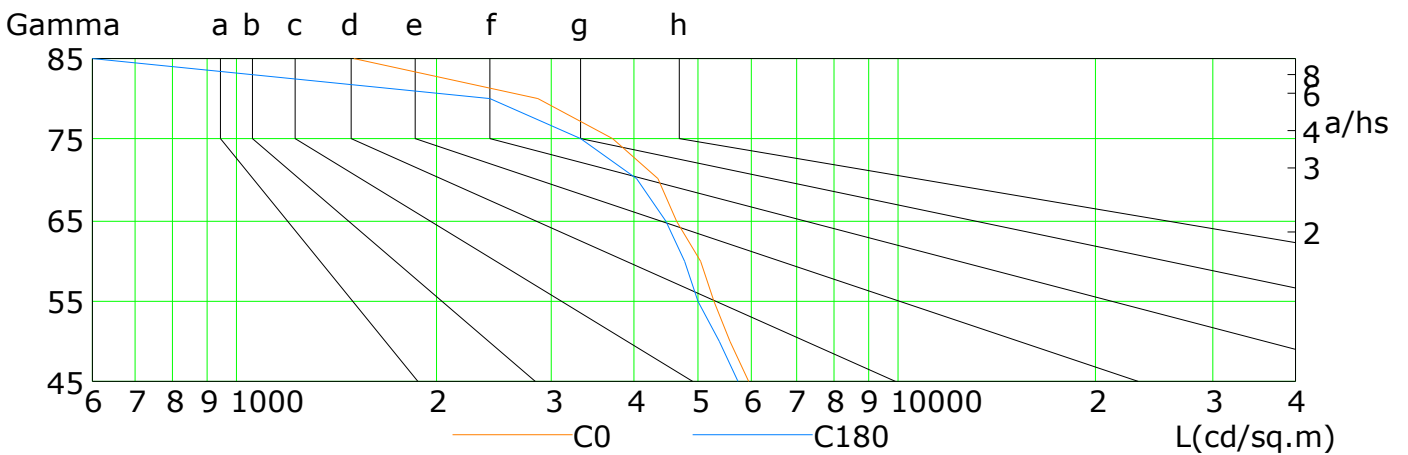
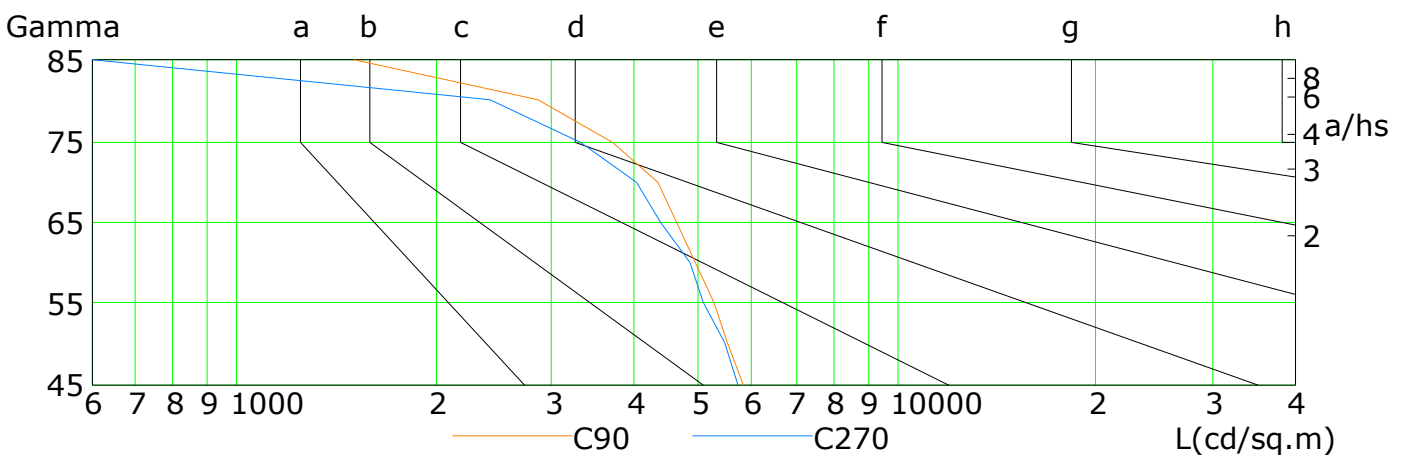
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Lum Limit Curve

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

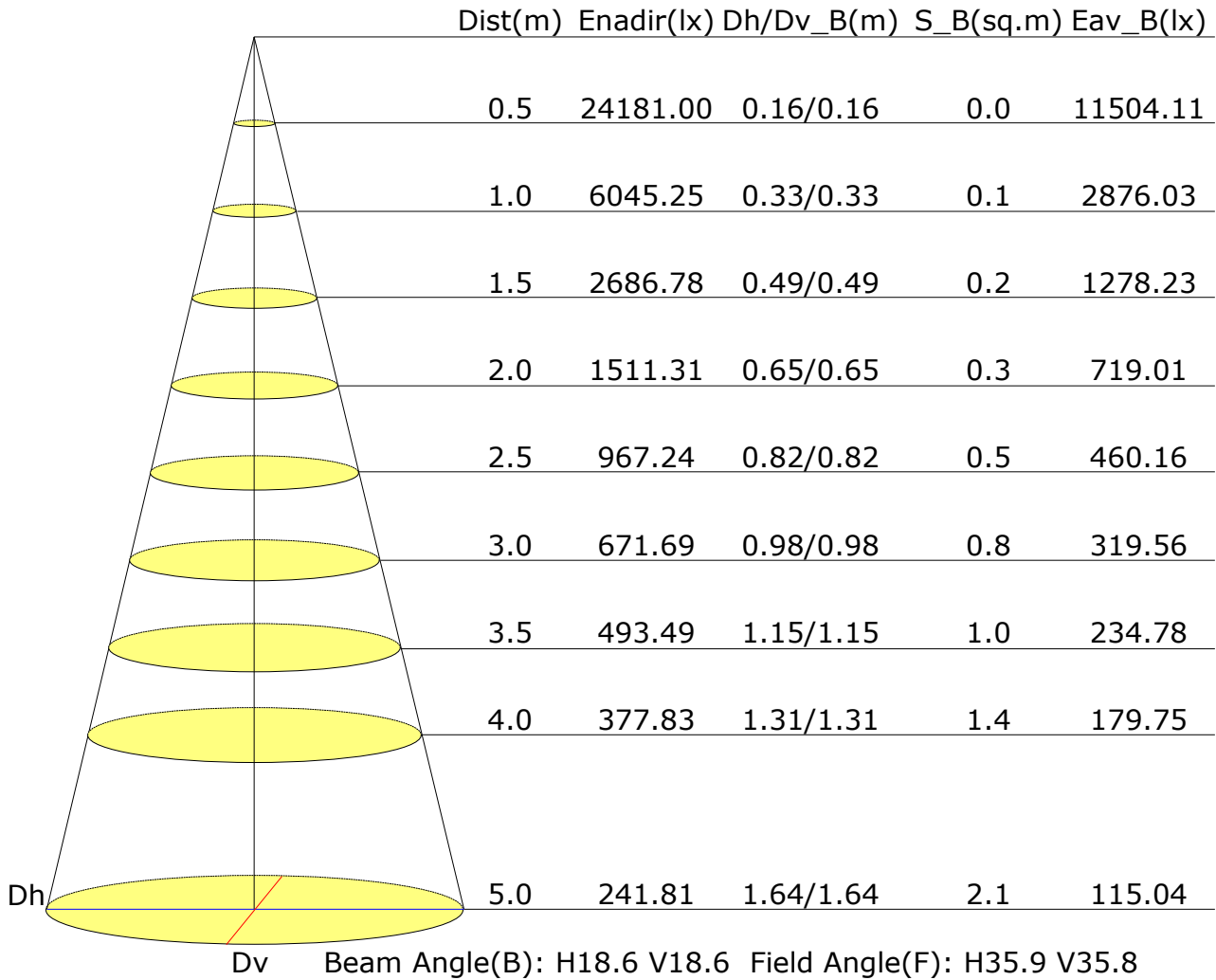


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	5940	5561	5289	5045	4638	4330	3693	2842	1500
C90	5862	5519	5289	4937	4638	4330	3693	2842	1500
C180	5745	5390	5004	4773	4447	4022	3292	2418	0
C270	5705	5476	5099	4828	4383	4022	3292	2418	0

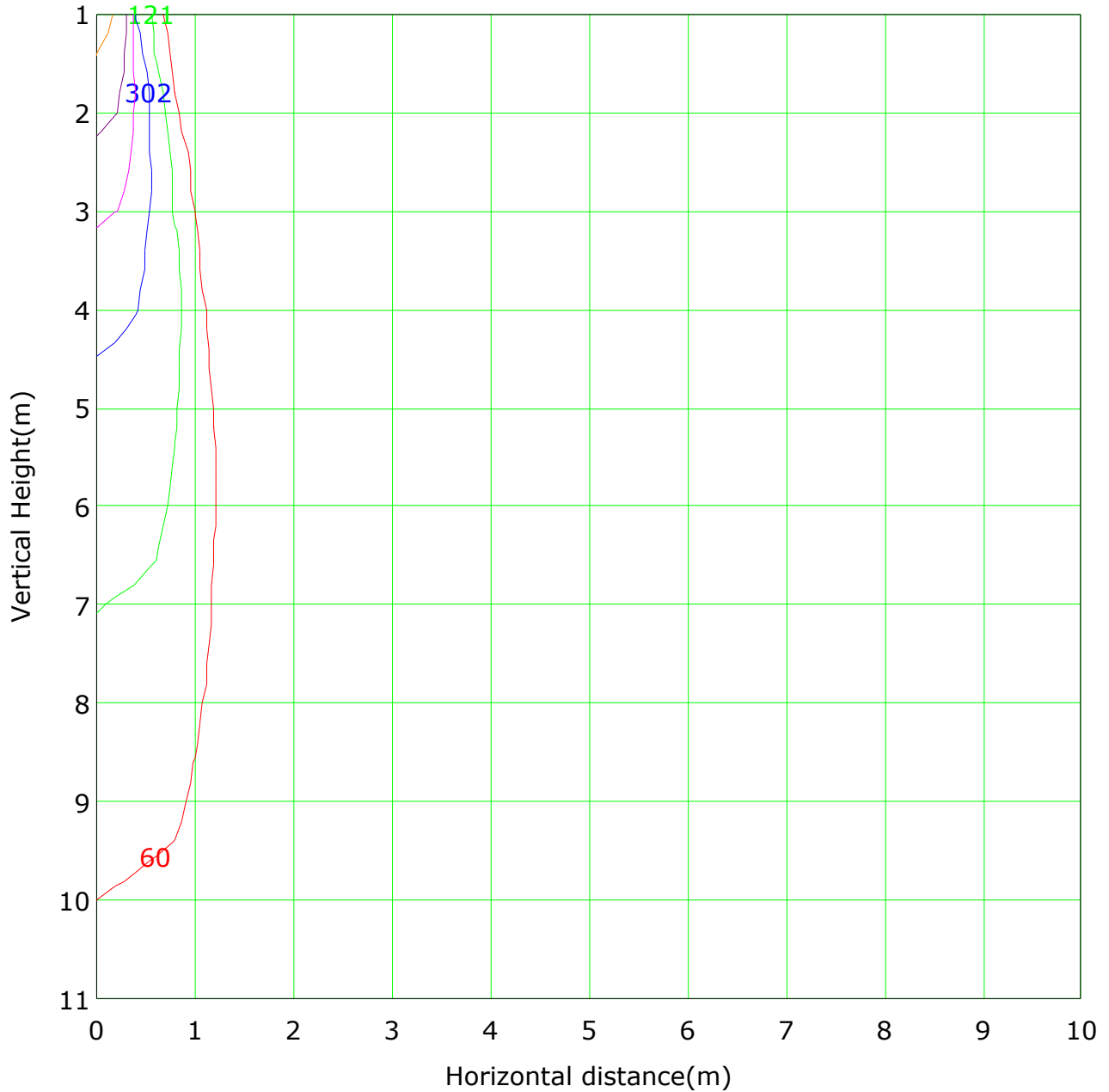
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Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 6045.3 lx

— (1%): 60.5 lx	— (2%): 120.9 lx
— (5%): 302.3 lx	— (10%): 604.5 lx
— (20%): 1209.1 lx	— (50%): 3022.6 lx
— (100%): 6045.3 lx	

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The Average Illuminance Effective Figure

