

Report No.: 1

Test Time: 2017-01-16 13:18

Luminaire Property

Luminaire Category: 0801.W.A631.6
Luminaire Description: 60052
Length (mm): 110
Height (mm): 230
Current: 0.107 A
Power Factor: 0.971

Luminaire Manufacturer: Brasled
Width (mm): 110
Voltage: 230.2 V
Power: 23.98 W

Photometric Results

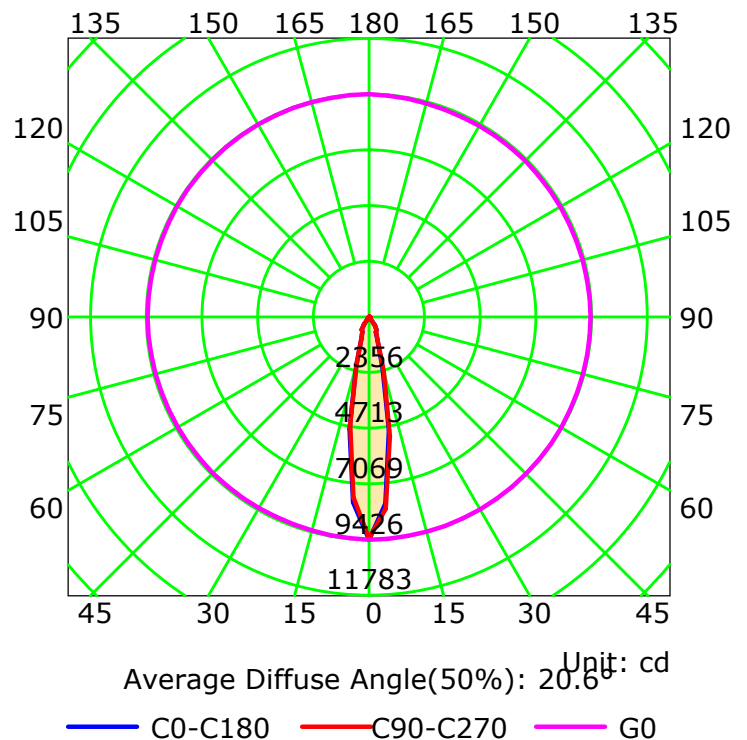
CIE Class: Direct
Measurement Flux: 1973.8 lm
Downward Ratio: 100%
Field Angle: H42.1 V42.7
Luminaire Efficacy Rating (LER): 82
Max. Intensity: 9426.63 cd

Total Rated Lamp Lumens: 1973.8 lm
Efficiency: 100%
Upward Ratio: 0%
Beam Angle: H20.5 V20.7
Central Intensity: 9426.62 cd
Pos of Max. Intensity: H0 V0

Picture Of Luminaire



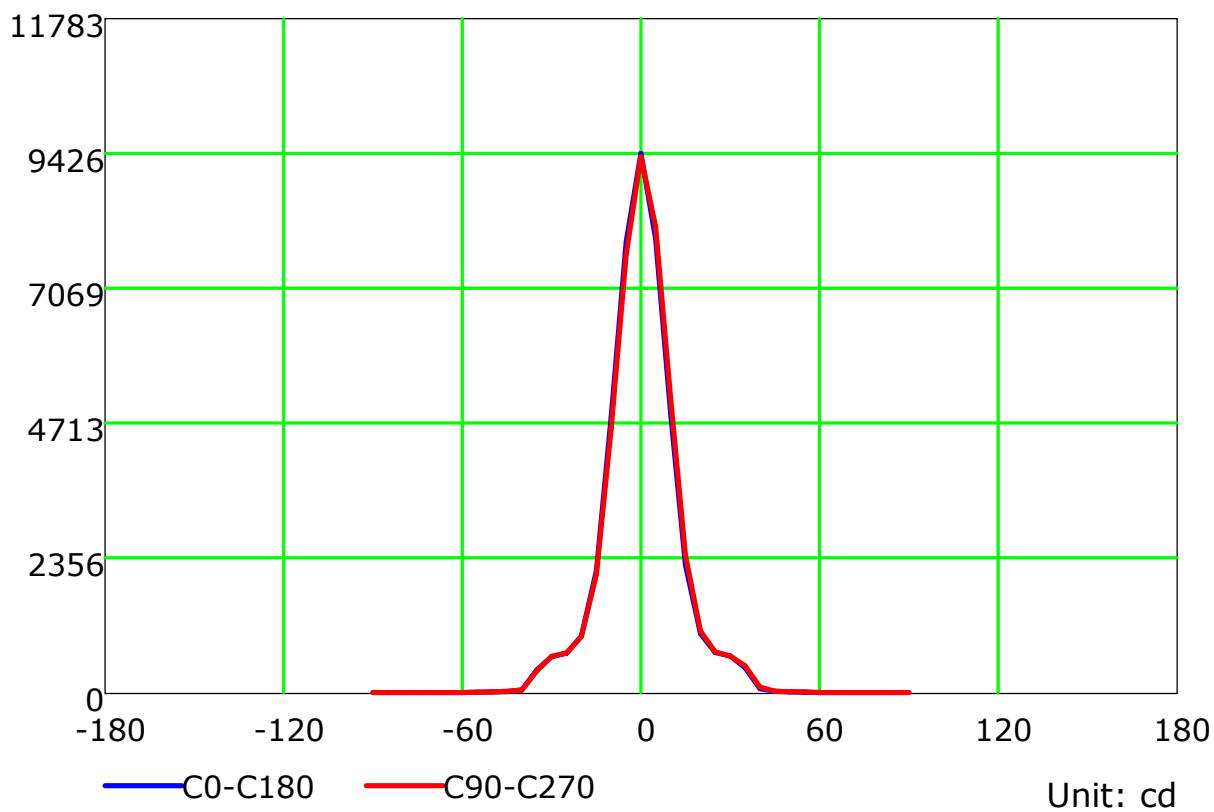
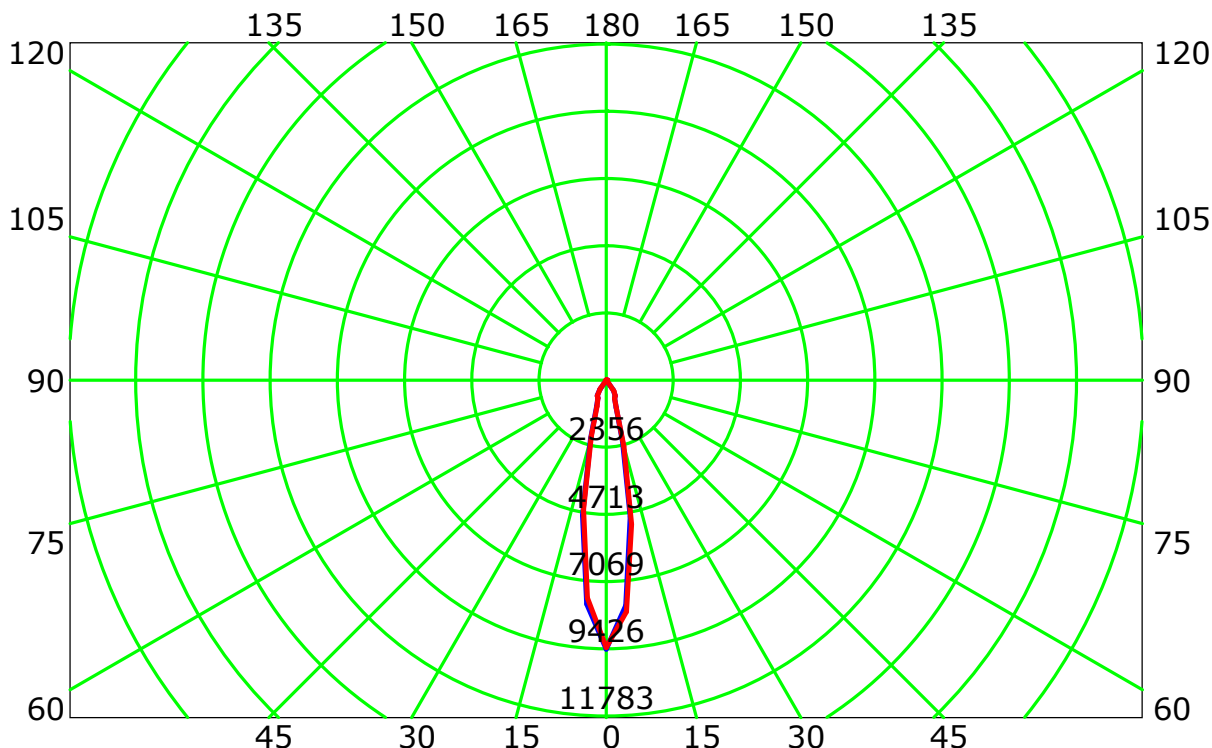
Luminous Intensity Distribution Curve



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



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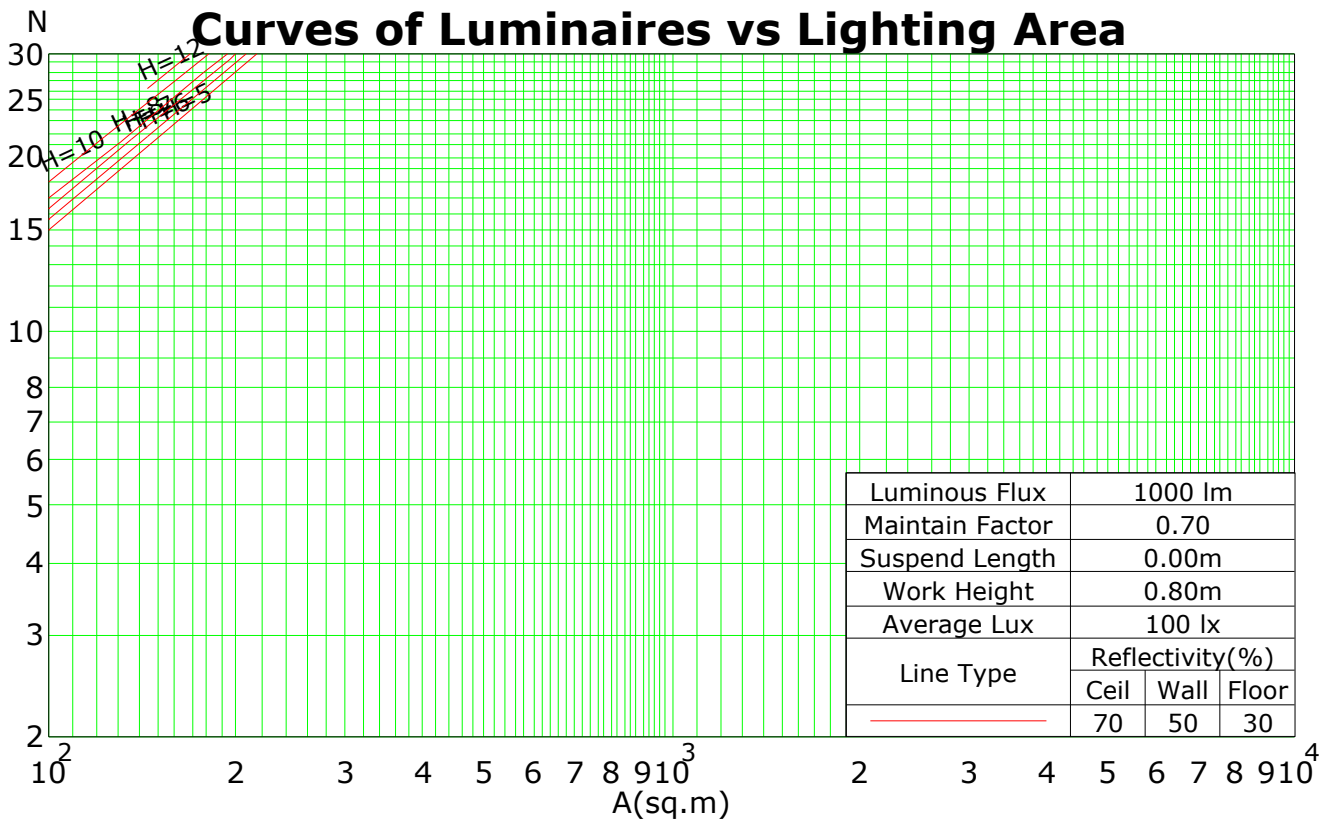
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Unit: cd

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	115	112	110	109	112	110	109	107	106	105	104	103	102	101	99	98	98	96
2	111	107	103	101	108	105	102	100	102	100	98	99	97	95	96	95	93	92
3	107	102	98	95	105	100	97	94	98	95	92	95	93	91	93	91	90	88
4	103	97	93	89	101	96	92	89	94	91	88	92	89	87	90	88	86	85
5	99	93	88	85	98	92	88	85	90	87	84	89	86	83	87	85	83	81
6	96	89	85	81	95	89	84	81	87	83	81	86	83	80	85	82	80	78
7	93	86	81	78	92	85	81	78	84	80	78	83	80	77	82	79	77	76
8	90	83	78	75	89	82	78	75	81	77	75	80	77	74	80	77	74	73
9	87	80	76	73	86	80	75	72	79	75	72	78	75	72	77	74	72	71
10	85	77	73	70	84	77	73	70	76	73	70	76	72	70	75	72	70	69

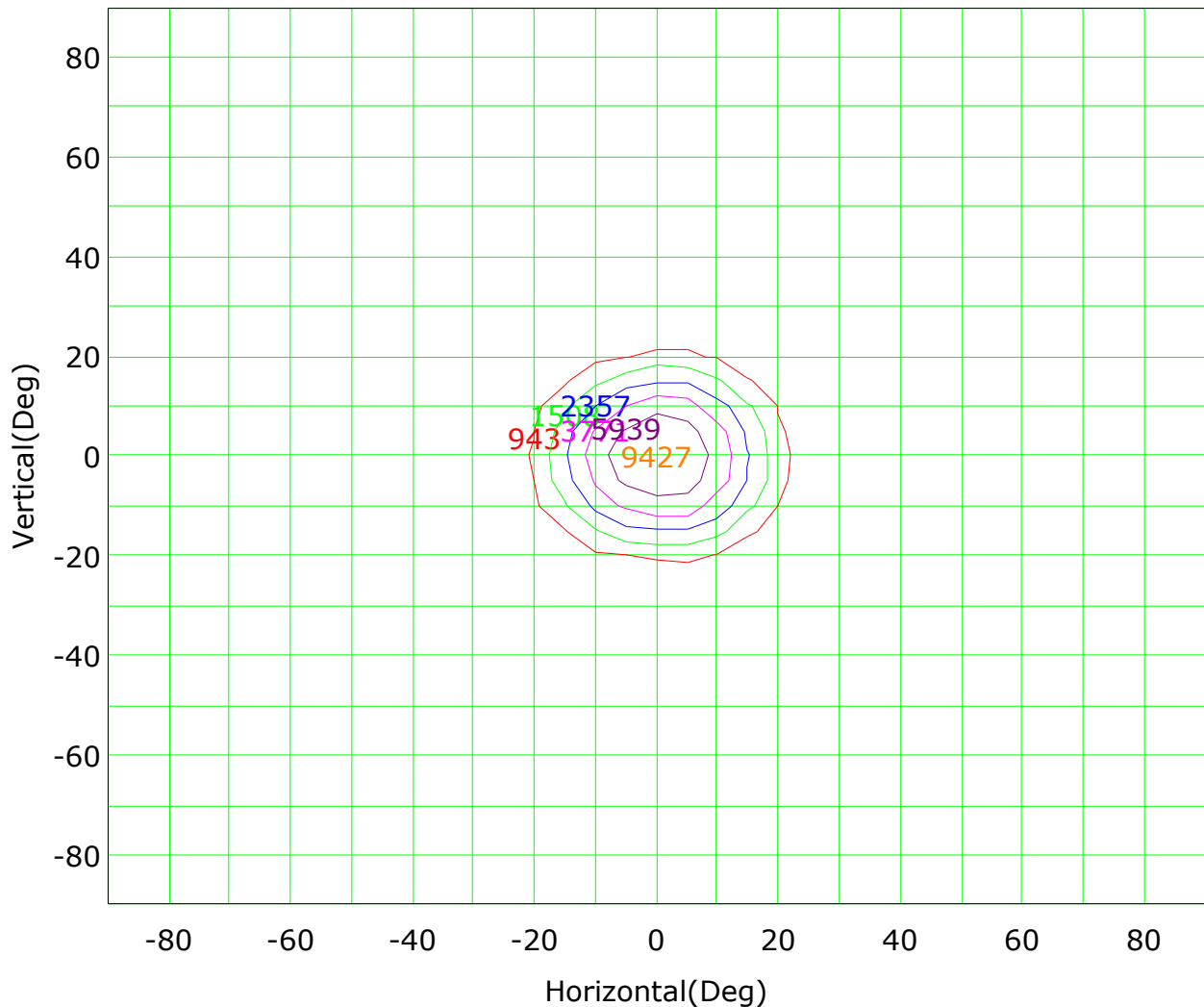
Spacing Criteria (0-180): 0.35
 Spacing Criteria (90-270): 0.35
 Spacing Criteria (Diagonal): 0.36



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Isocandela (rectangle)



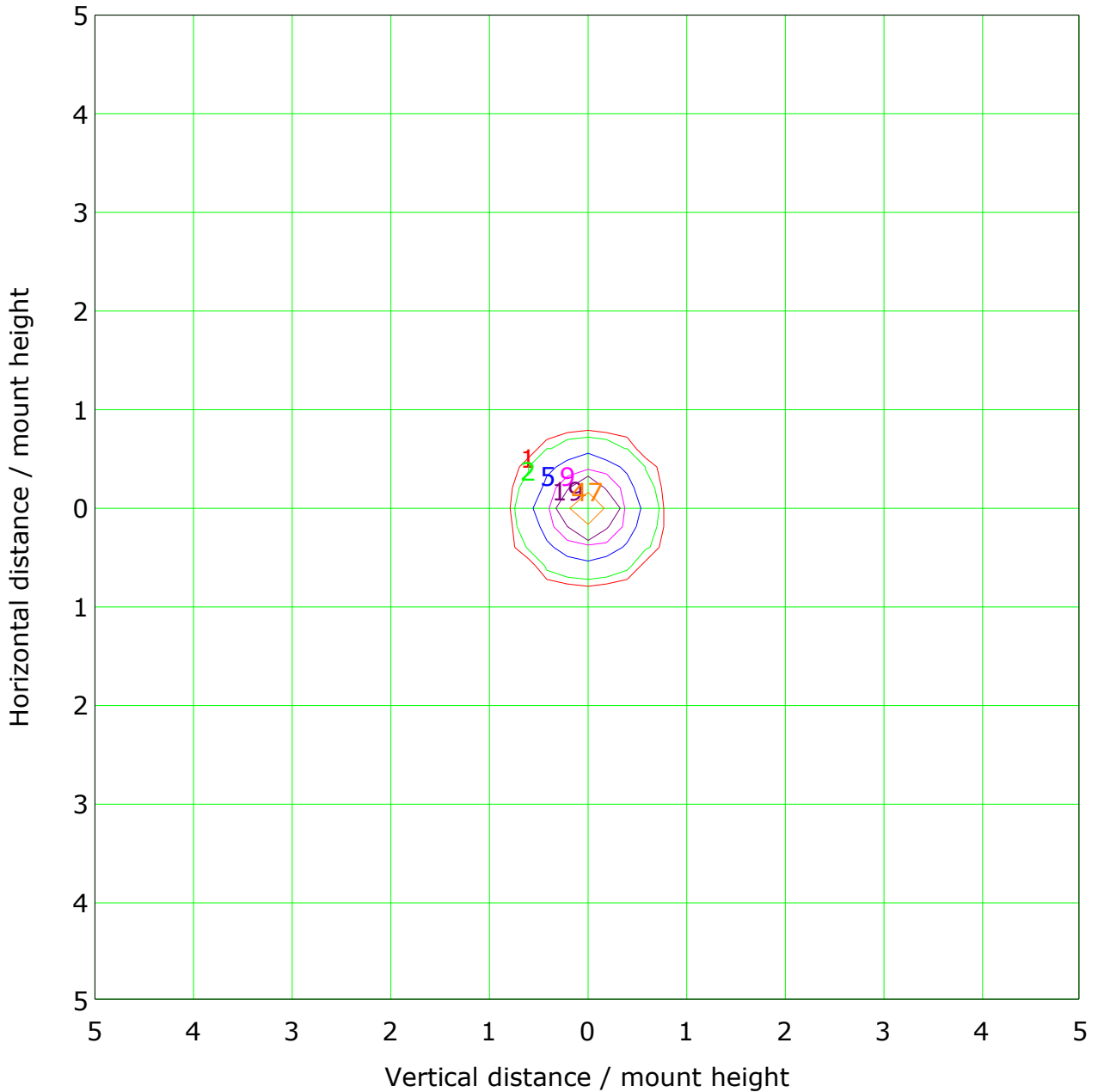
Imax (100%): 9427 cd

— (10%): 943 cd	— (16%): 1508 cd
— (25%): 2357 cd	— (40%): 3771 cd
— (63%): 5939 cd	— (100%): 9427 cd

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IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 94.3 lx	
— (1%):	0.9 lx	— (2%):	1.9 lx
— (5%):	4.7 lx	— (10%):	9.4 lx
— (20%):	18.9 lx	— (50%):	47.1 lx
— (100%):	94.3 lx		

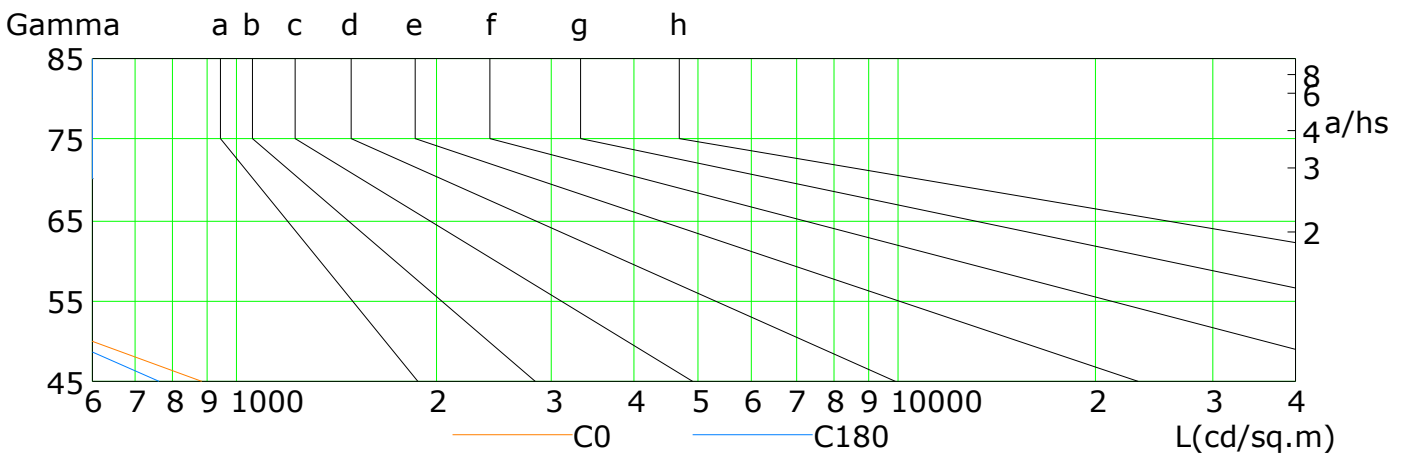
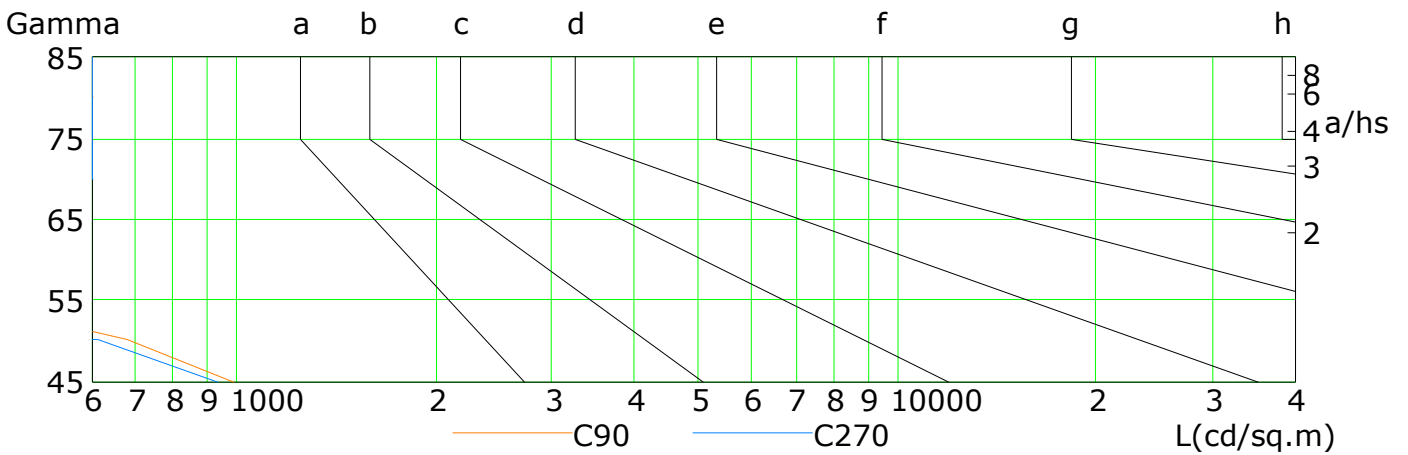
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Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
		2000	1000	500	<=300				
1.15	A	2000	1000	500	<=300				
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

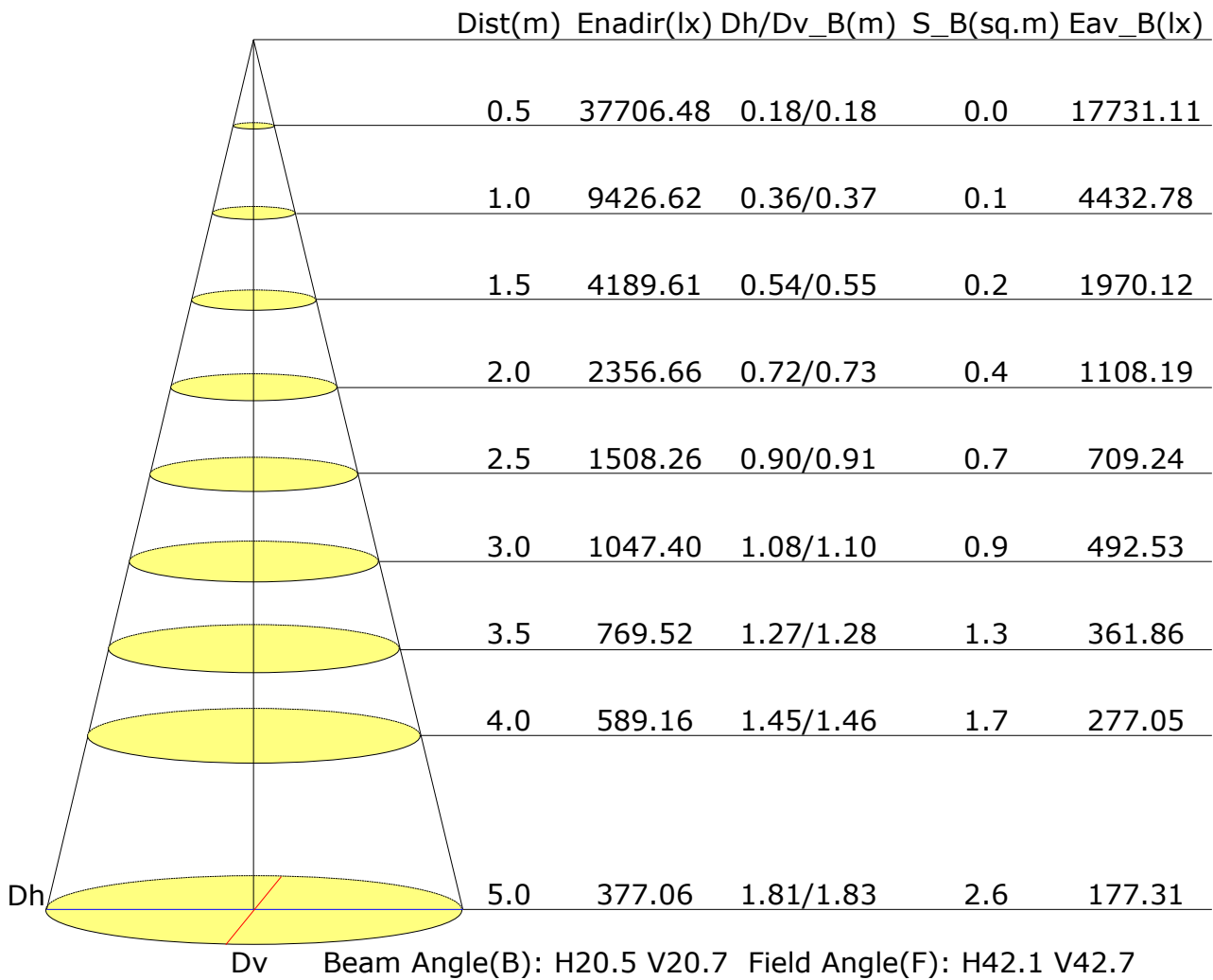


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	881	602	365	137	37	0	0	0	0
C90	987	679	415	149	137	50	13	0	0
C180	763	551	314	99	50	0	0	0	0
C270	934	615	365	112	37	0	0	0	0

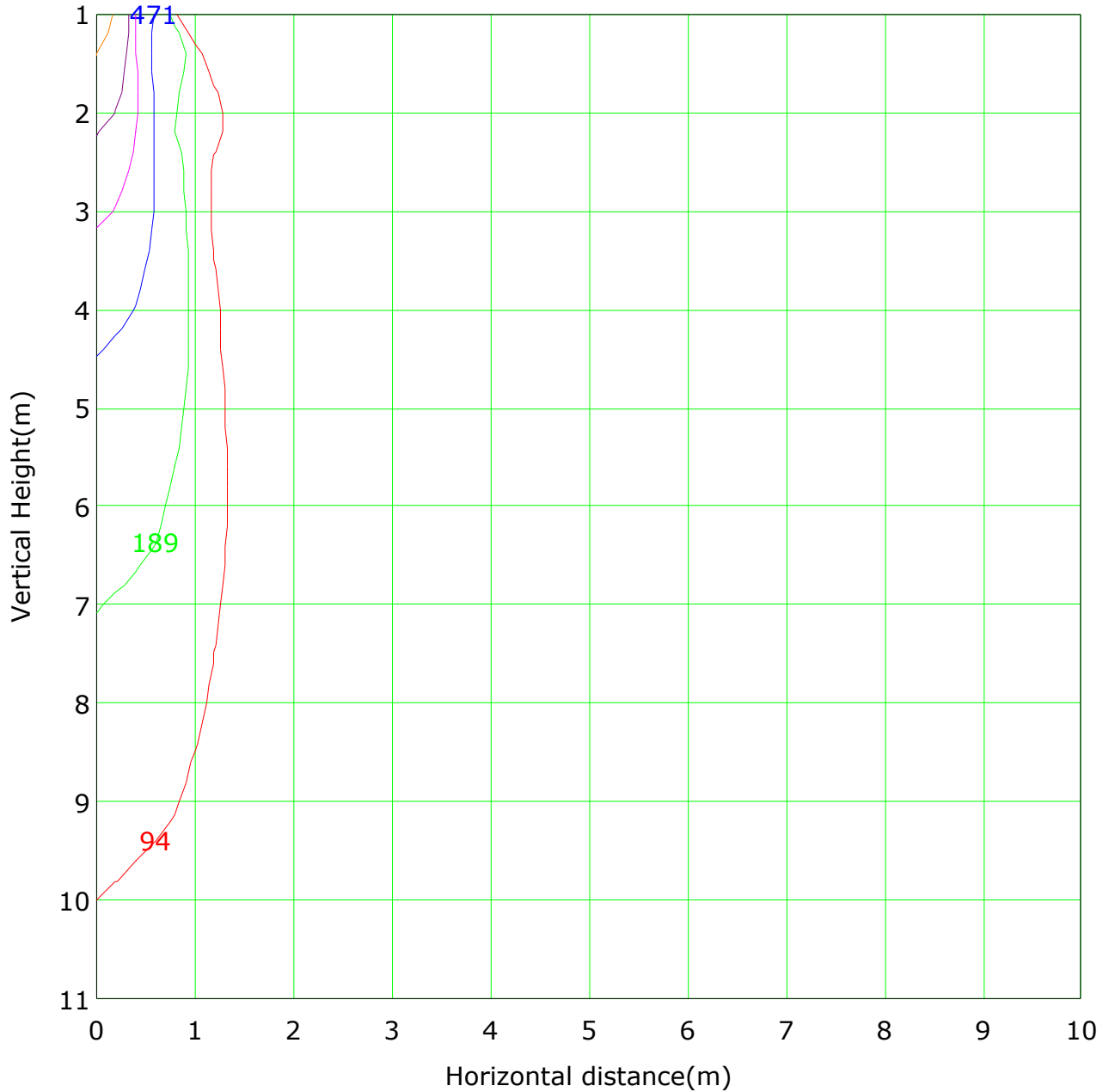
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Illuminance at a Distance



Vertical IsoLux Plot



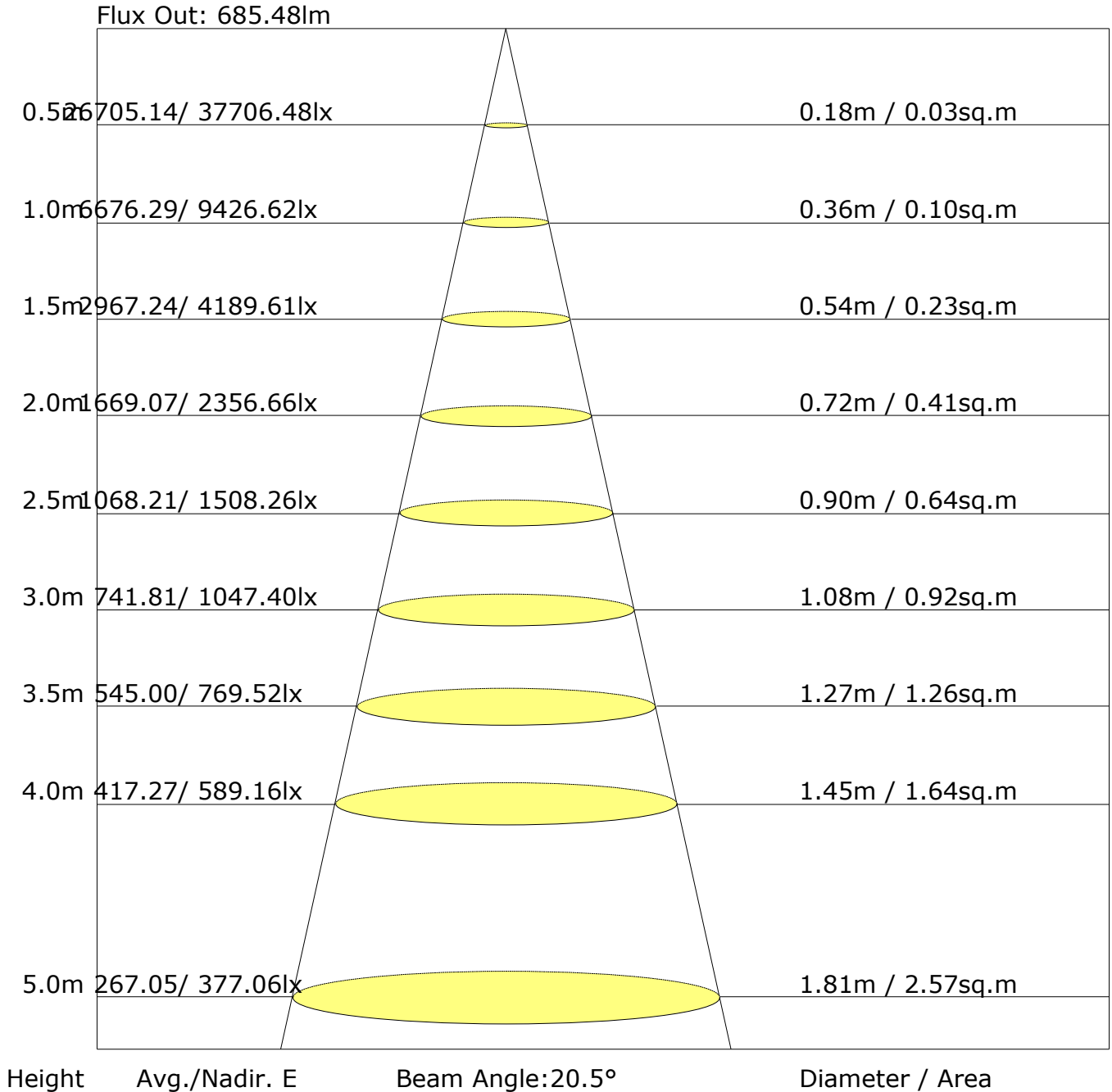
Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 9426.6 lx

— (1%): 94.3 lx	— (2%): 188.5 lx
— (5%): 471.3 lx	— (10%): 942.7 lx
— (20%): 1885.3 lx	— (50%): 4713.3 lx
— (100%): 9426.6 lx	

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The Average Illuminance Effective Figure



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