

Report No.: 1

Test Time: 2017-01-11 16:29

Luminaire Property

Luminaire Category: 0406.G.A131.6
Luminaire Description: 60006
Length (mm): 80
Height (mm): 3
Current: 0.074 A
Power Factor: 0.444

Luminaire Manufacturer: Brasled
Width (mm): 80
Voltage: 230.1 V
Power: 7.57 W

Photometric Results

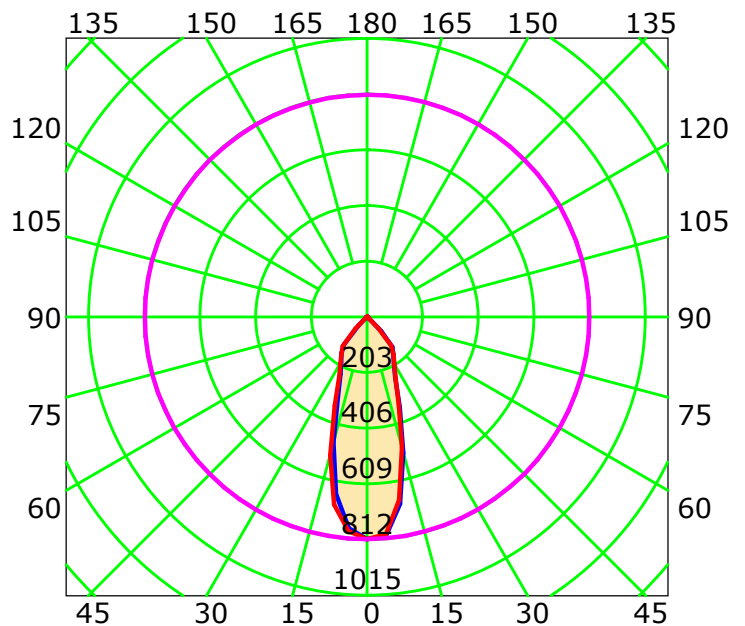
CIE Class: Direct
Measurement Flux: 492.9 lm
Downward Ratio: 100%
Field Angle: H87.3 V87.2
Luminaire Efficacy Rating (LER): 65
Max. Intensity: 812.54 cd

Total Rated Lamp Lumens: 492.9 lm
Efficiency: 100%
Upward Ratio: 0%
Beam Angle: H35.4 V36.2
Central Intensity: 810.86 cd
Pos of Max. Intensity: H157.5 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



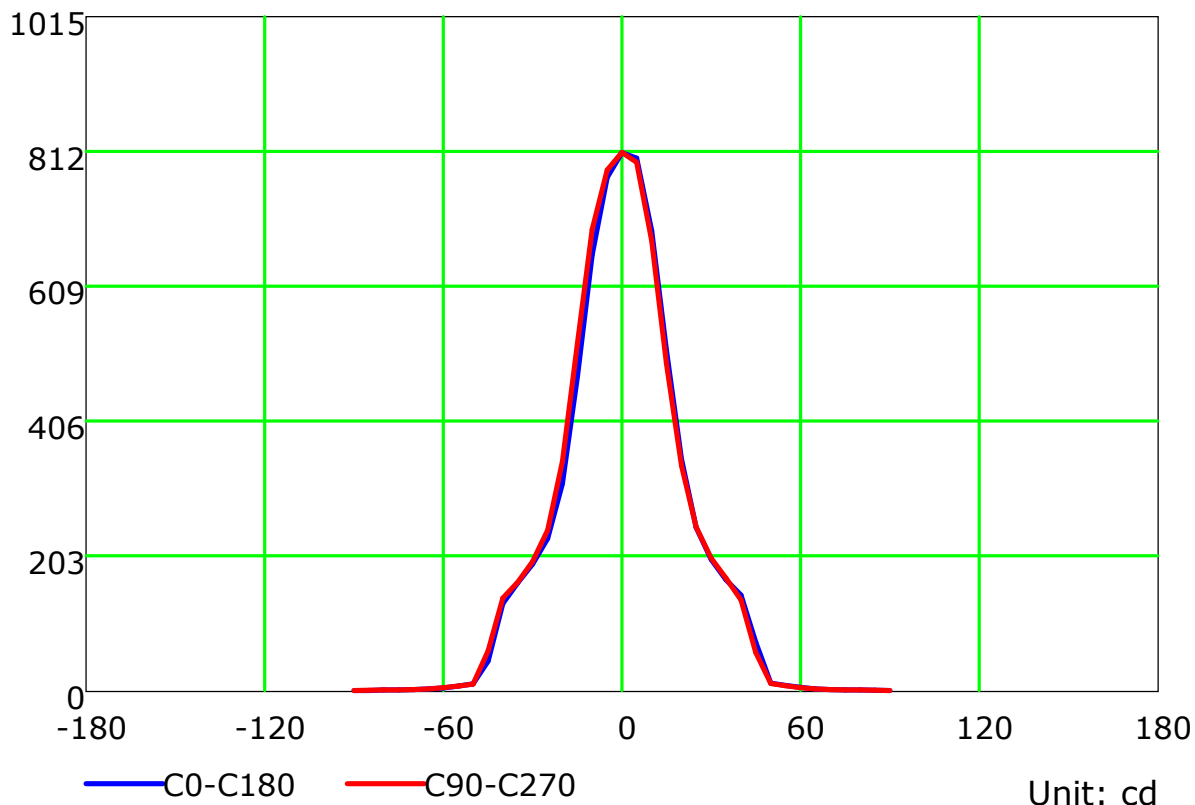
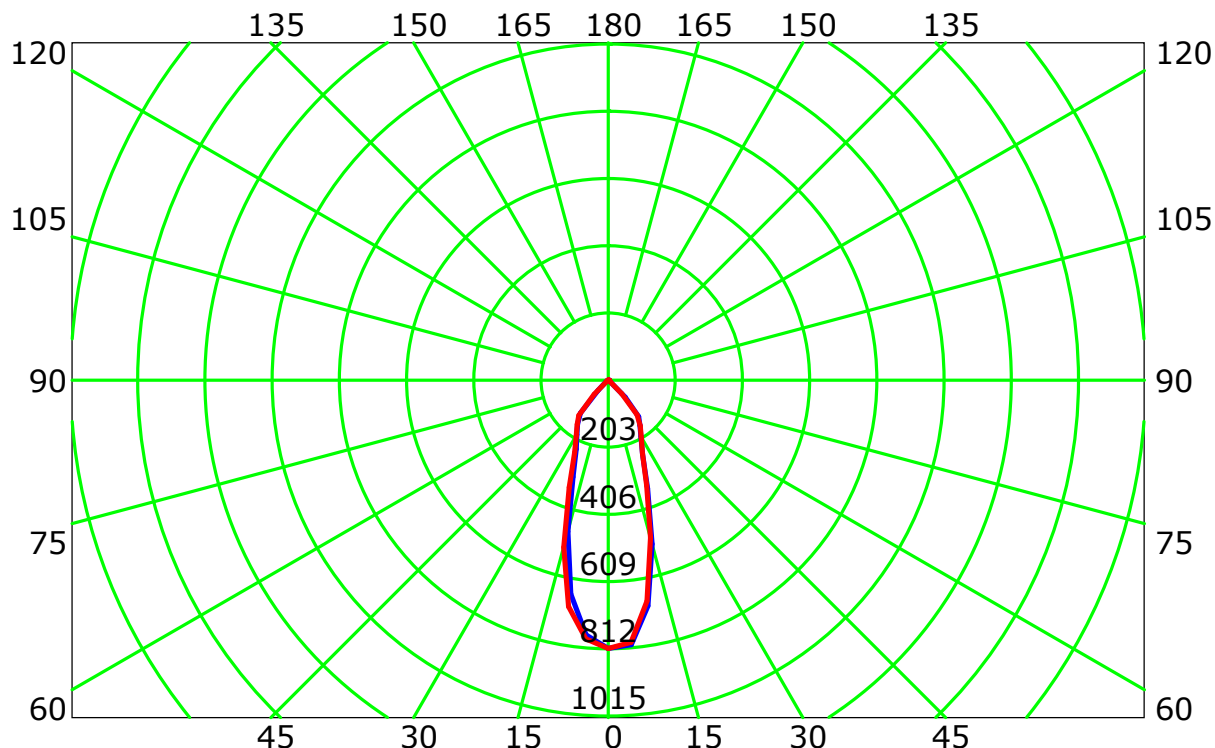
Average Diffuse Angle(50%): 35.8° Unit: cd

— 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



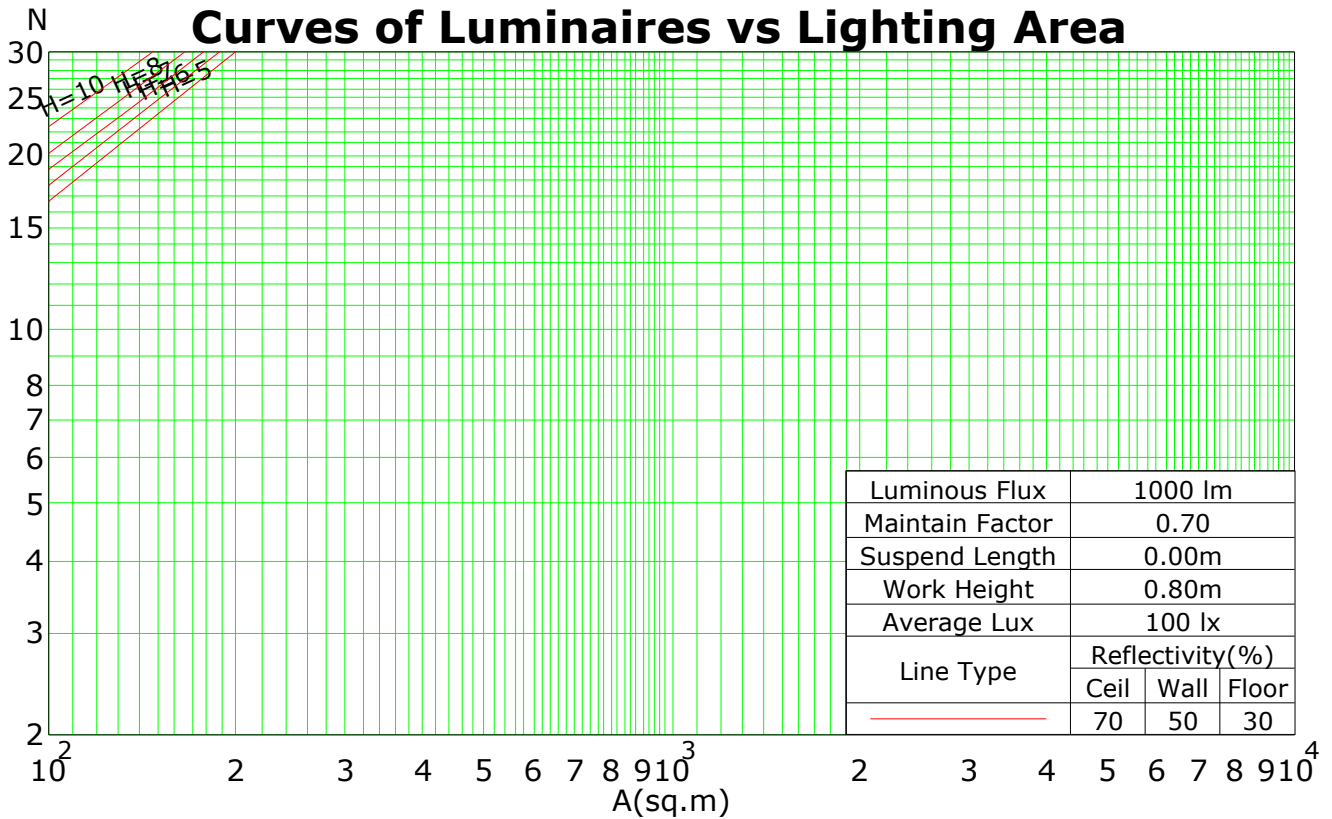
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Coefficients Of Utilization - Zonal Cavity Method

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	106	101	97	94	98	95	92	95	92	90	92	90	88	87
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	81
4	97	90	84	80	95	88	83	79	86	82	78	84	80	77	82	79	76	75
5	92	84	78	74	91	83	77	73	81	76	73	79	75	72	78	74	71	70
6	88	79	73	68	86	78	72	68	76	71	68	75	71	67	74	70	67	65
7	83	74	68	64	82	73	68	64	72	67	63	71	66	63	70	66	63	61
8	79	70	64	60	78	69	64	60	68	63	60	67	63	59	66	62	59	58
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	54
10	72	63	57	53	71	62	57	53	62	57	53	61	56	53	60	56	53	51

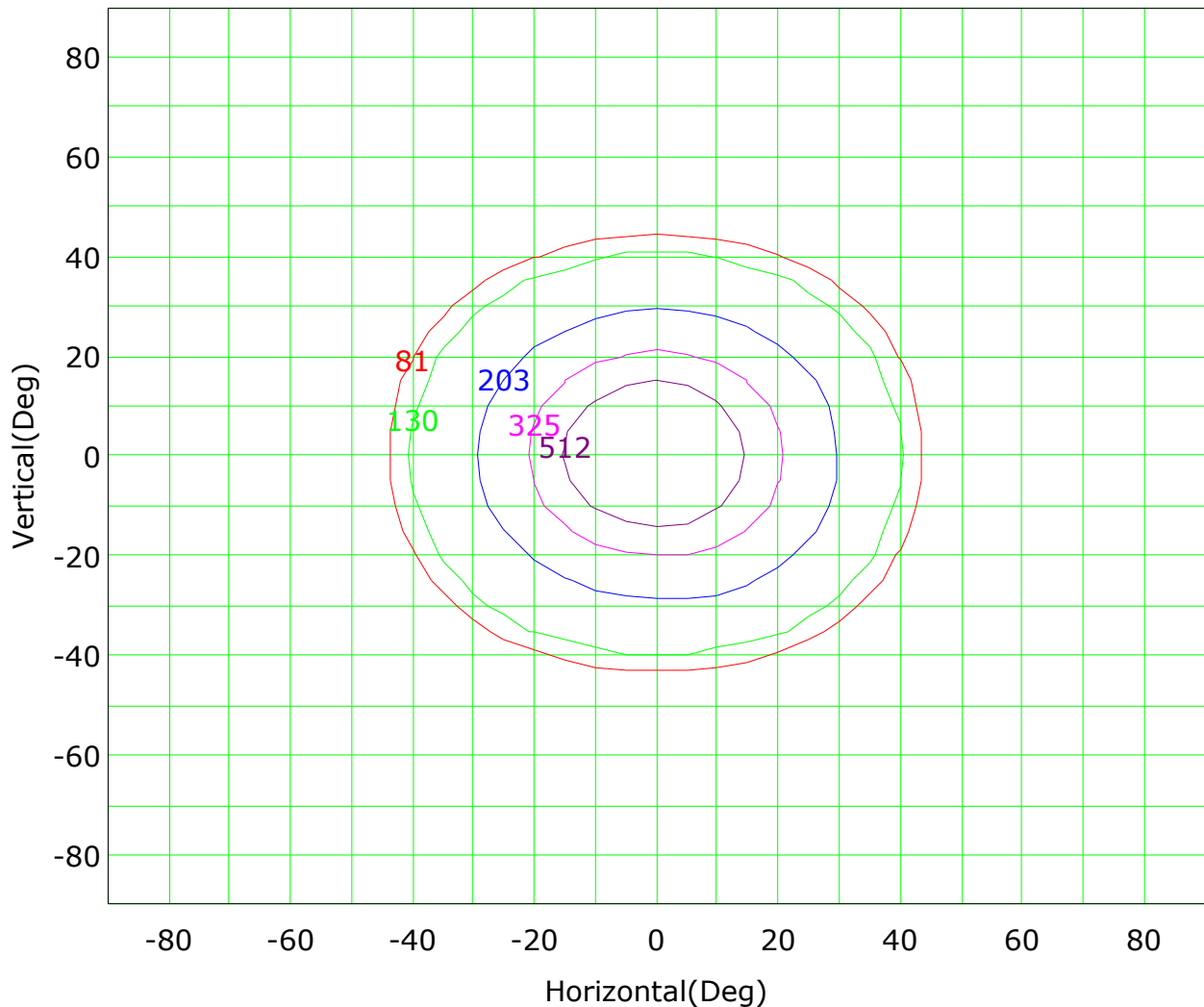
Spacing Criteria (0-180): 0.58
 Spacing Criteria (90-270): 0.59
 Spacing Criteria (Diagonal): 0.62



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Isocandela (rectangle)



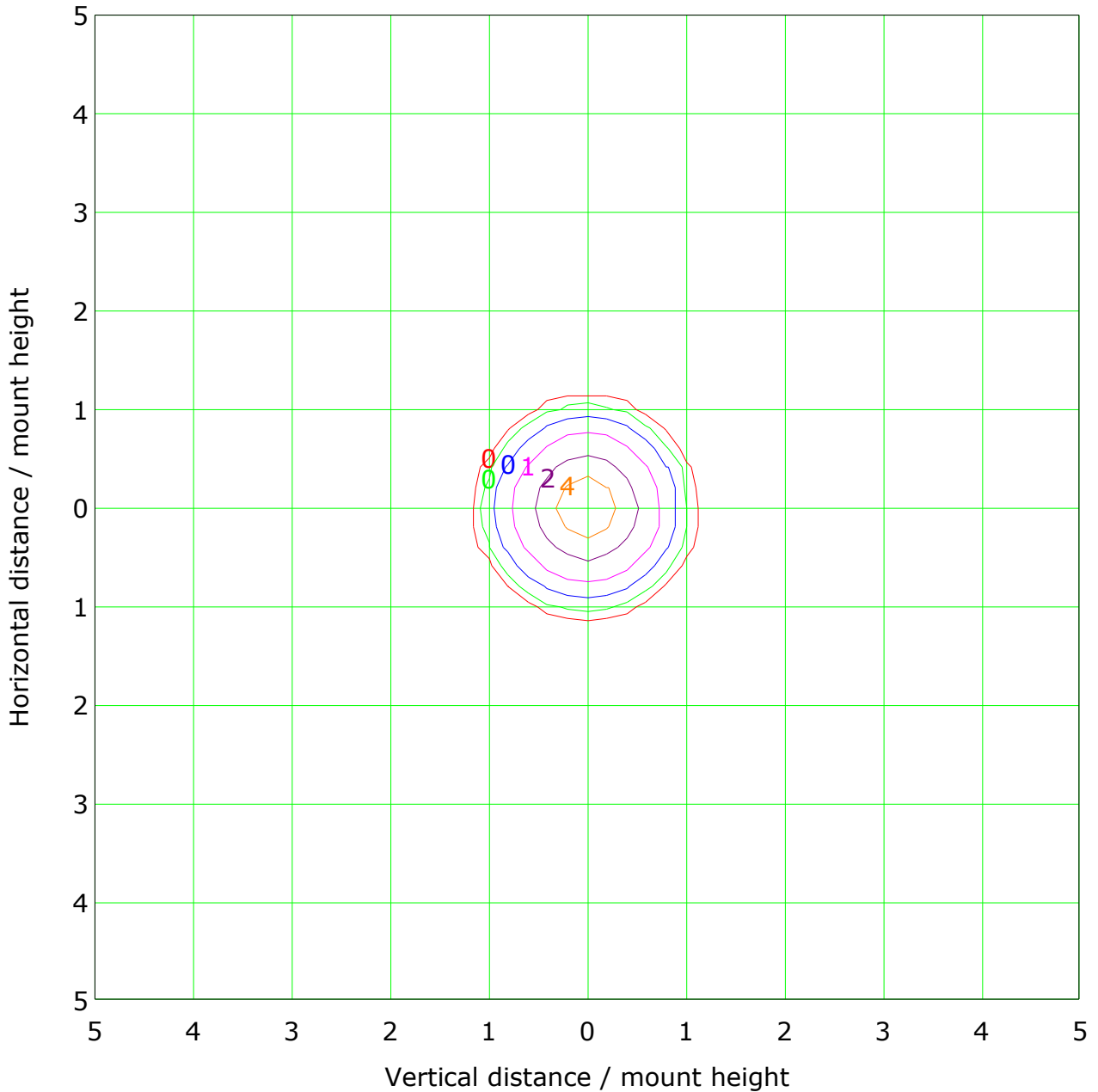
Imax (100%): 813 cd

— (10%):	81 cd	— (16%):	130 cd
— (25%):	203 cd	— (40%):	325 cd
— (63%):	512 cd	— (100%):	813 cd

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IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 8.1 lx

— (1%): 0.1 lx	— (2%): 0.2 lx
— (5%): 0.4 lx	— (10%): 0.8 lx
— (20%): 1.6 lx	— (50%): 4.1 lx
— (100%): 8.1 lx	

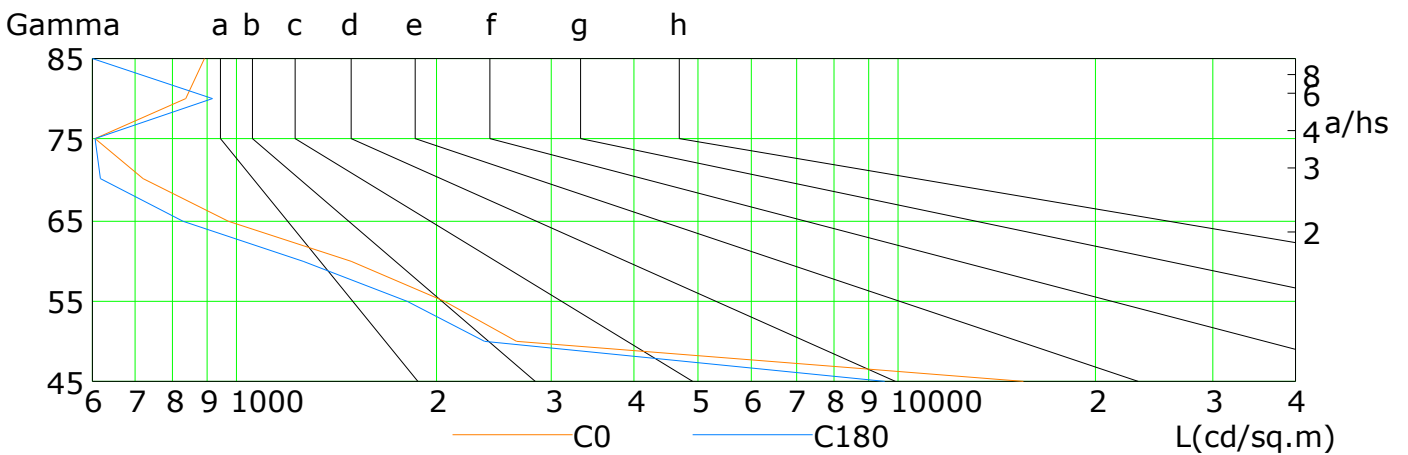
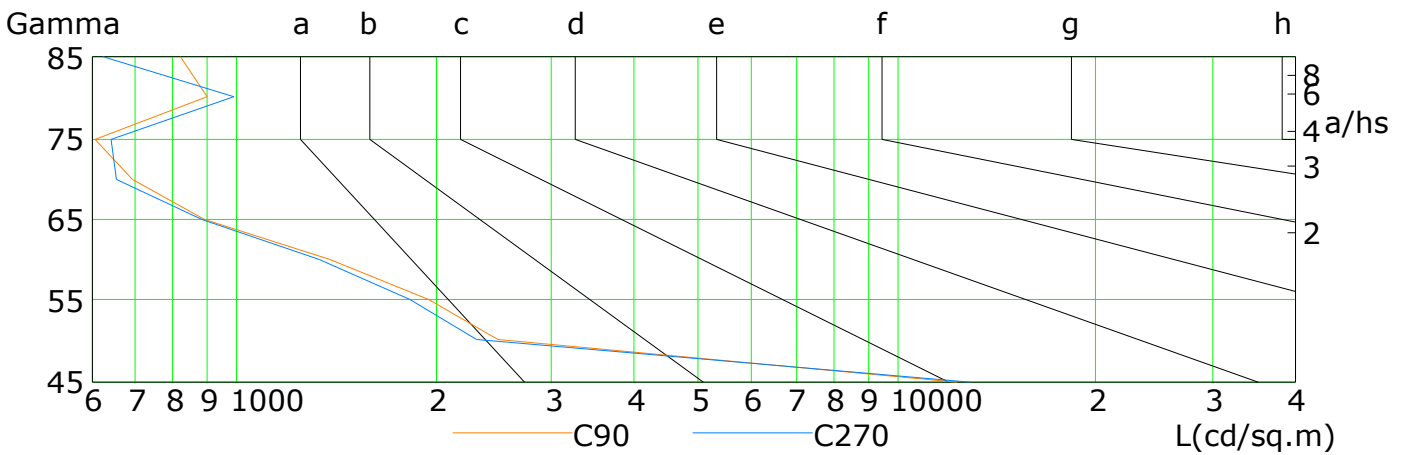
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Lum Limit Curve

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

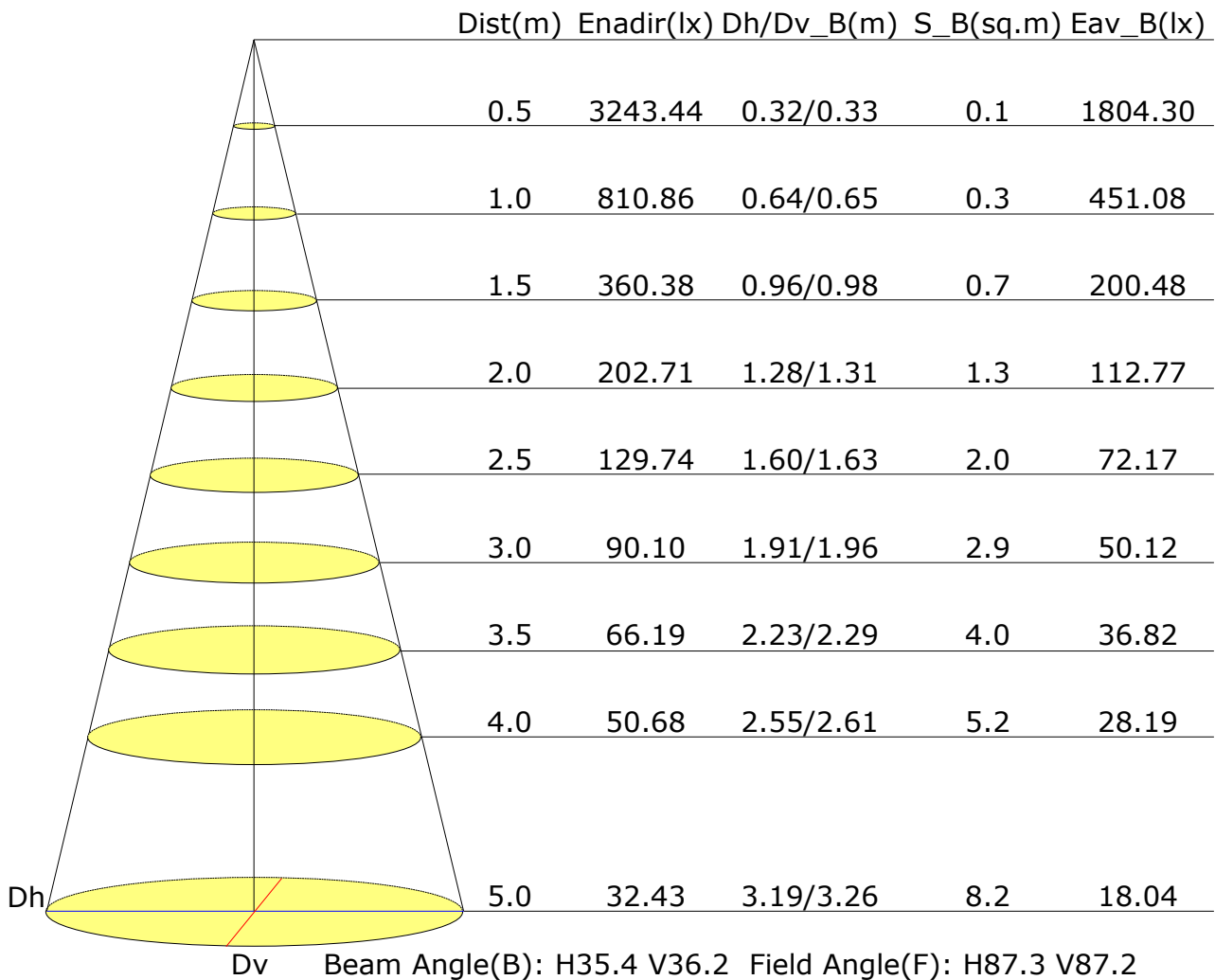


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	15552	2641	2053	1482	965	721	609	831	891
C90	12317	2476	1939	1382	890	692	609	898	816
C180	9550	2359	1805	1256	828	617	609	920	590
C270	12845	2308	1828	1329	879	654	641	987	627

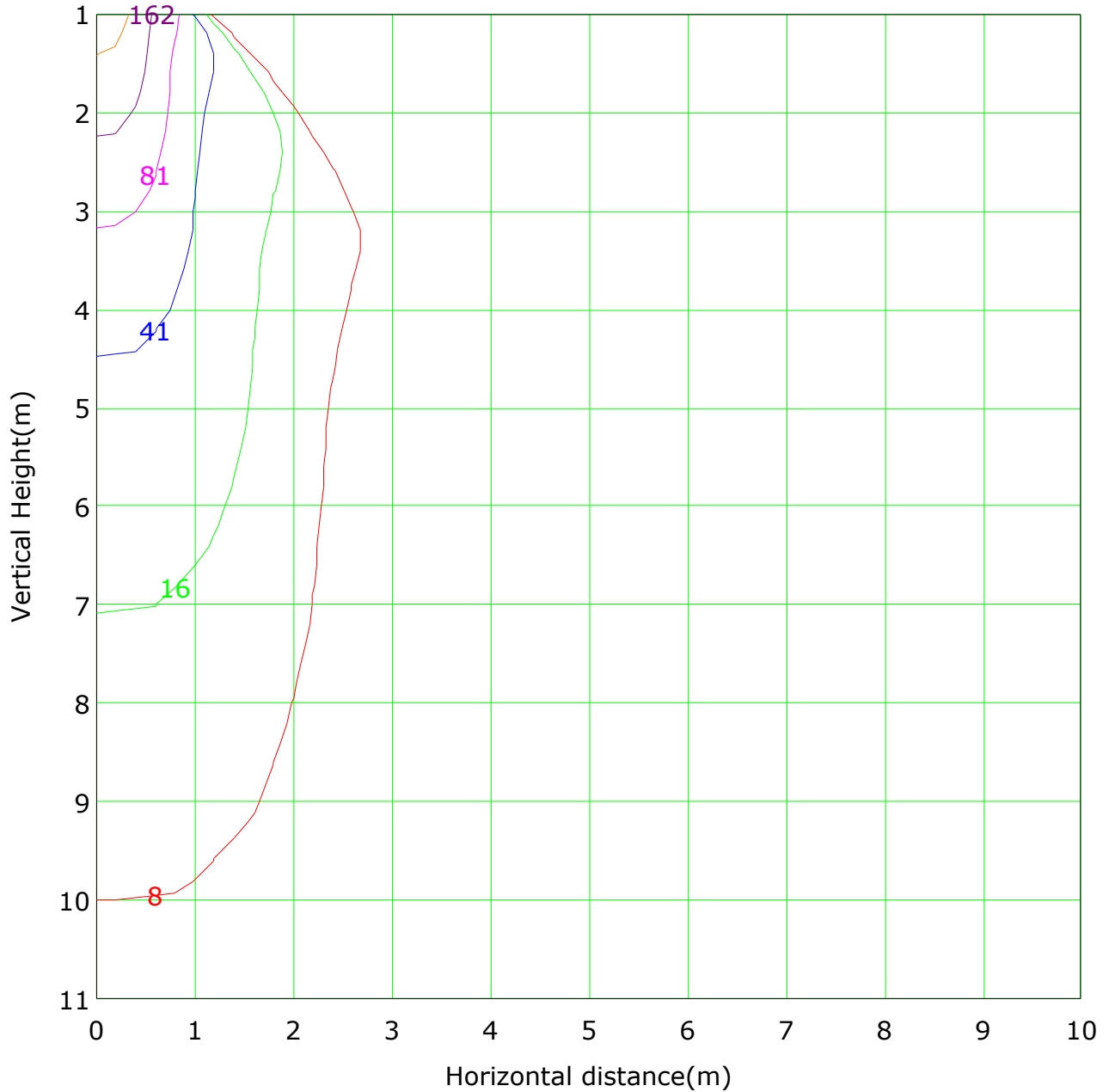
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Illuminance at a Distance



Vertical IsoLux Plot



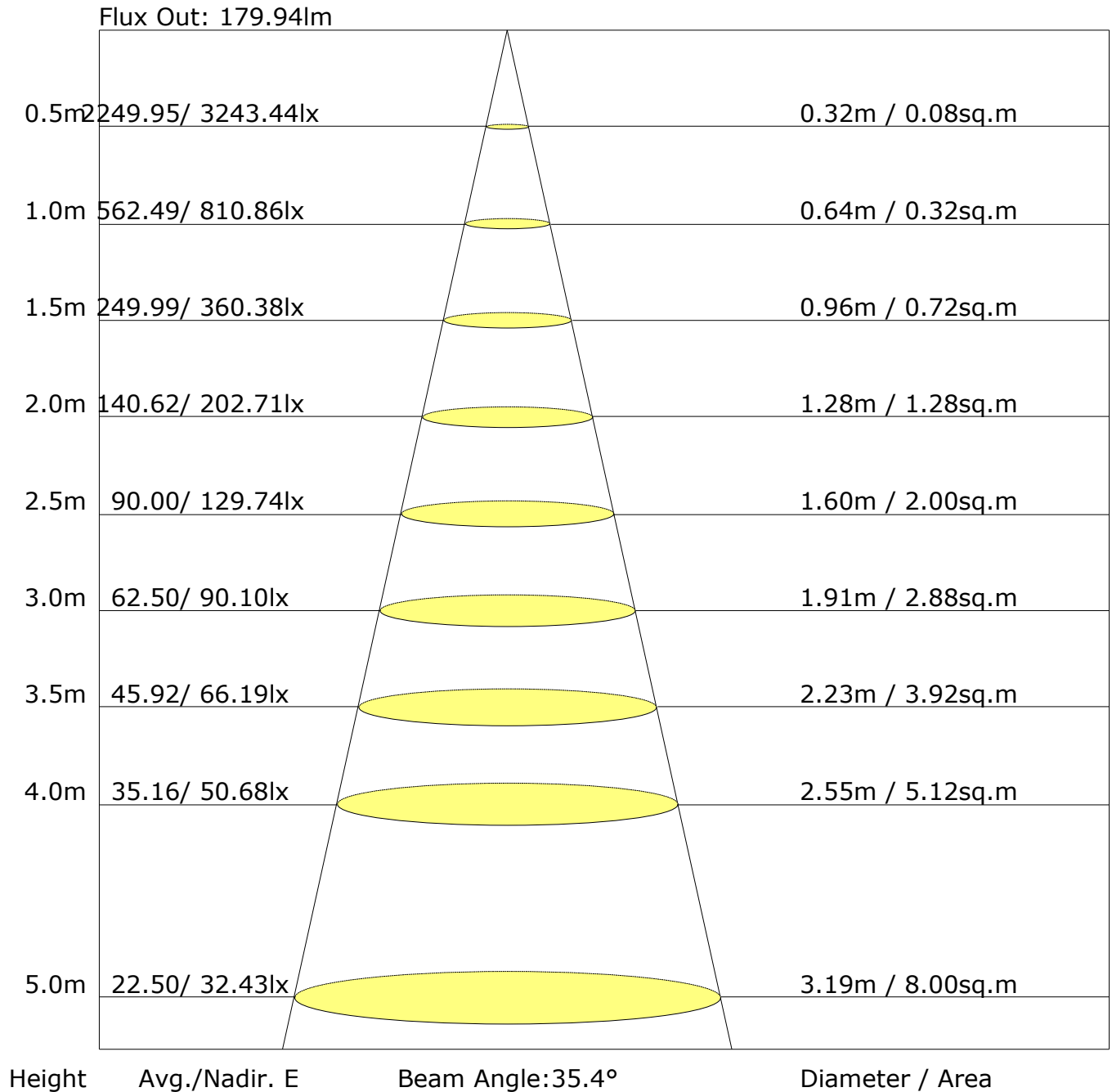
Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 810.9 lx

— (1%): 8.1 lx	— (2%): 16.2 lx
— (5%): 40.5 lx	— (10%): 81.1 lx
— (20%): 162.2 lx	— (50%): 405.4 lx
— (100%): 810.9 lx	

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The Average Illuminance Effective Figure



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