

Report No.: 1

Test Time: 2017-01-12 14:51

Luminaire Property

Luminaire Category: 0408.G.A331.6
Luminaire Description: 60003
Length (mm): 120
Height (mm): 3
Current: 0.064 A
Power Factor: 0.983

Luminaire Manufacturer: Brasled
Width (mm): 120
Voltage: 230.1 V
Power: 14.49 W

Photometric Results

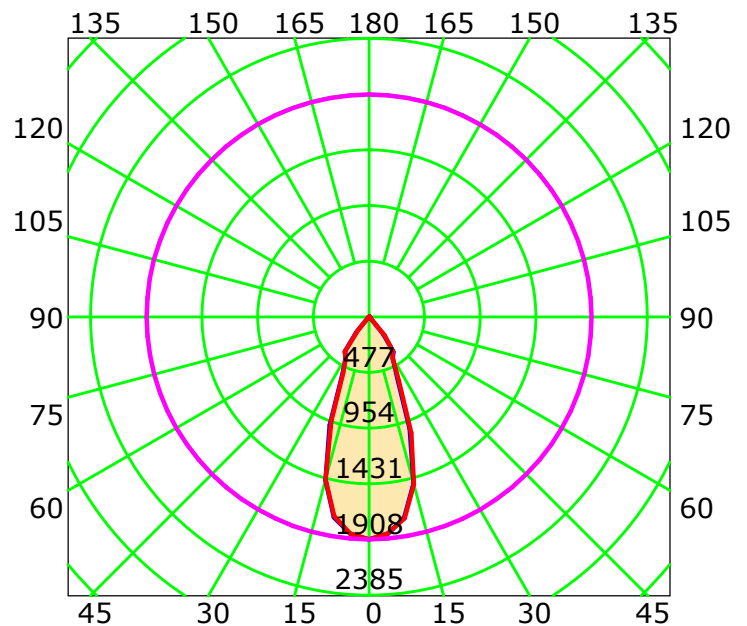
CIE Class: Direct
Measurement Flux: 1127.8 lm
Downward Ratio: 100%
Field Angle: H79.5 V79.7
Luminaire Efficacy Rating (LER): 78
Max. Intensity: 1908.32 cd

Total Rated Lamp Lumens: 1127.8 lm
Efficiency: 100%
Upward Ratio: 0%
Beam Angle: H41.2 V41.1
Central Intensity: 1906.41 cd
Pos of Max. Intensity: H67.5 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



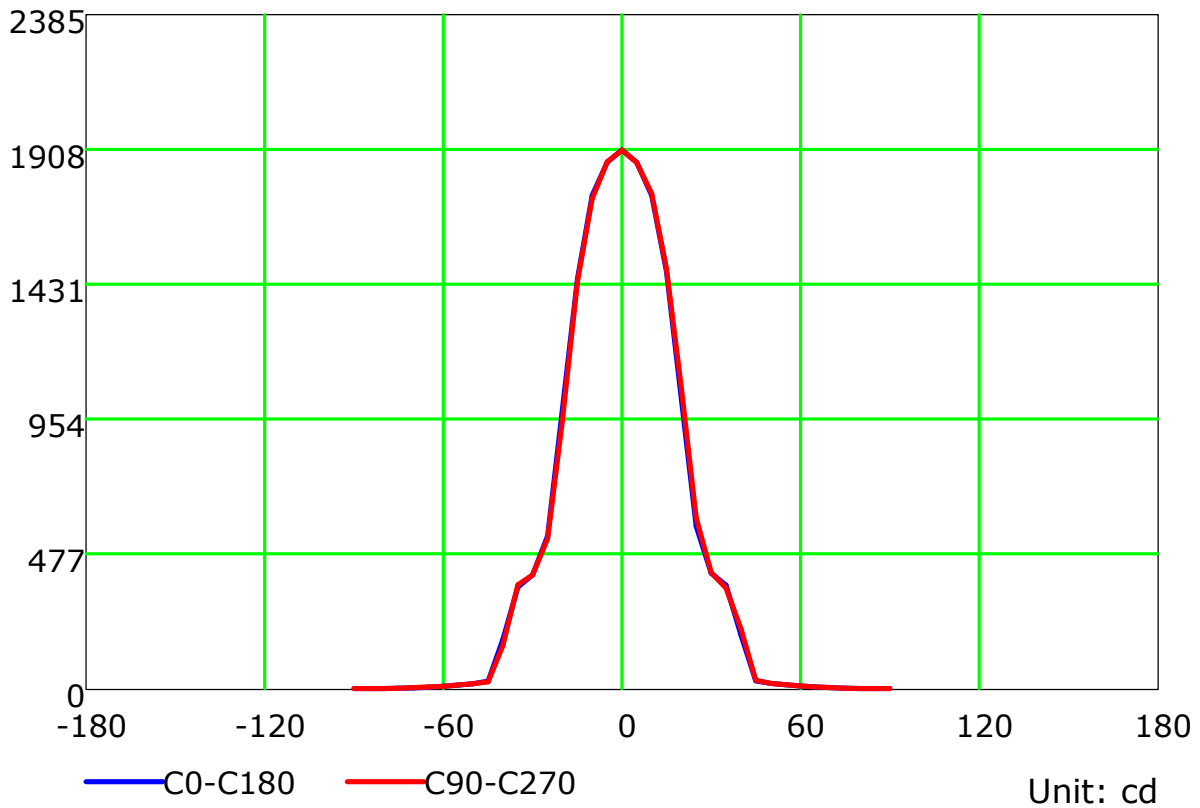
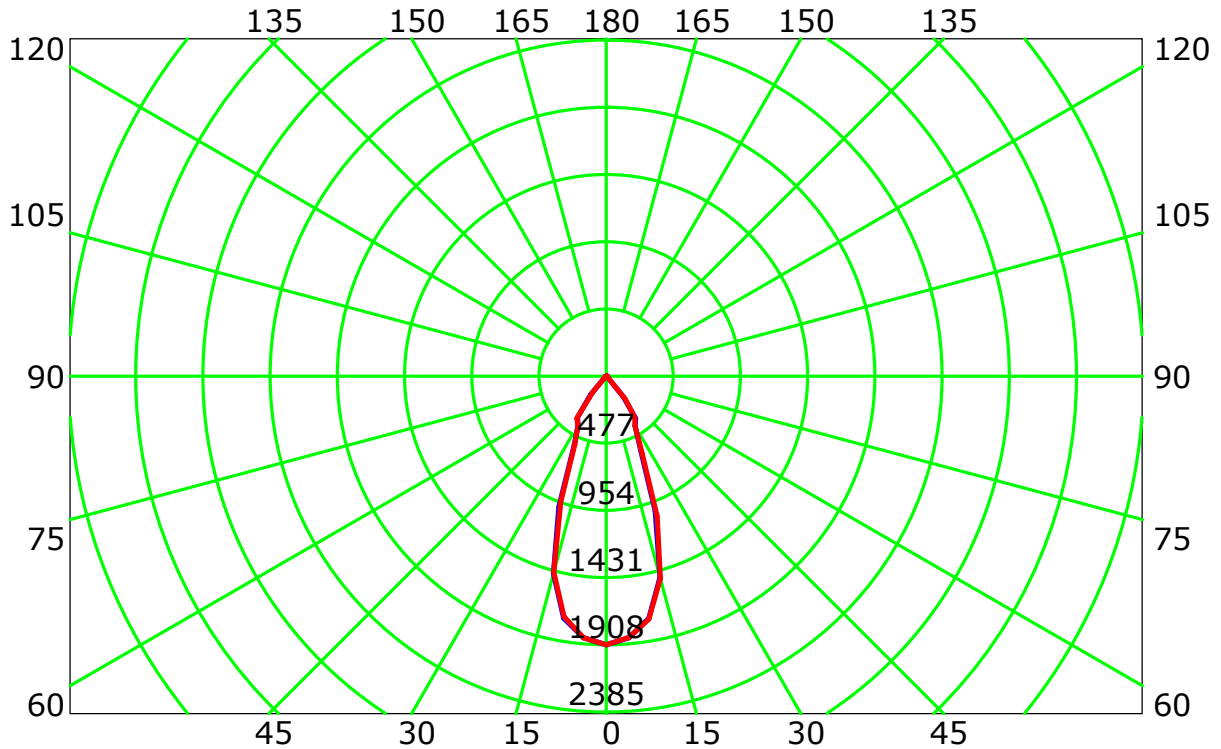
Unit: cd
Average Diffuse Angle(50%): 41.1

— 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



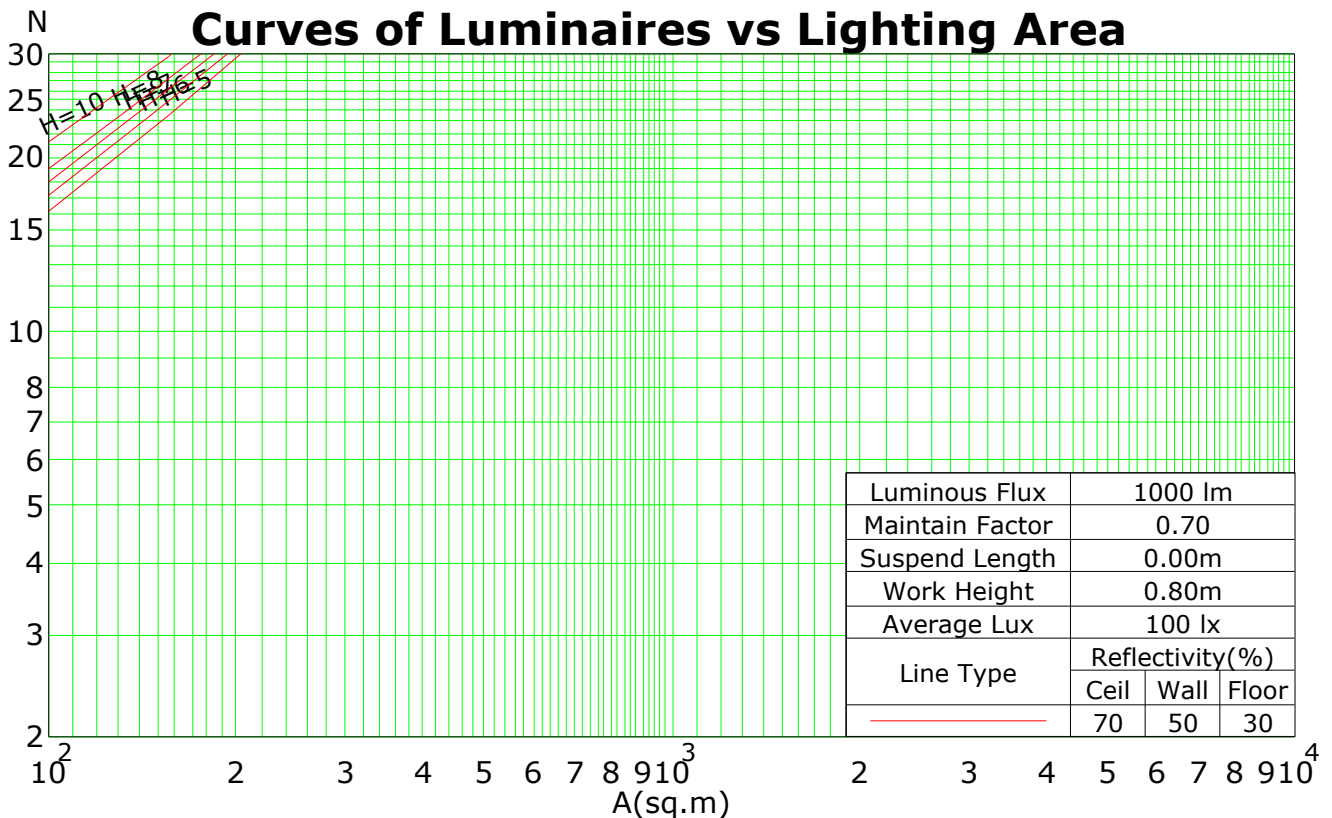
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Coefficients Of Utilization - Zonal Cavity Method

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	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94
2	109	104	100	97	106	102	99	96	99	96	94	96	94	92	93	92	90	88
3	104	98	93	89	102	96	92	89	94	90	87	91	88	86	89	87	84	83
4	99	92	87	83	97	91	86	82	89	85	81	87	83	80	85	82	79	78
5	94	87	81	77	93	86	81	77	84	80	76	82	79	76	81	78	75	73
6	90	82	76	72	89	81	76	72	80	75	72	78	74	71	77	73	71	69
7	86	78	72	68	85	77	72	68	76	71	68	75	70	67	73	70	67	66
8	83	74	68	64	81	73	68	64	72	67	64	71	67	64	70	66	63	62
9	79	70	65	61	78	70	64	61	69	64	61	68	64	60	67	63	60	59
10	76	67	61	58	75	66	61	58	66	61	58	65	61	58	64	60	57	56

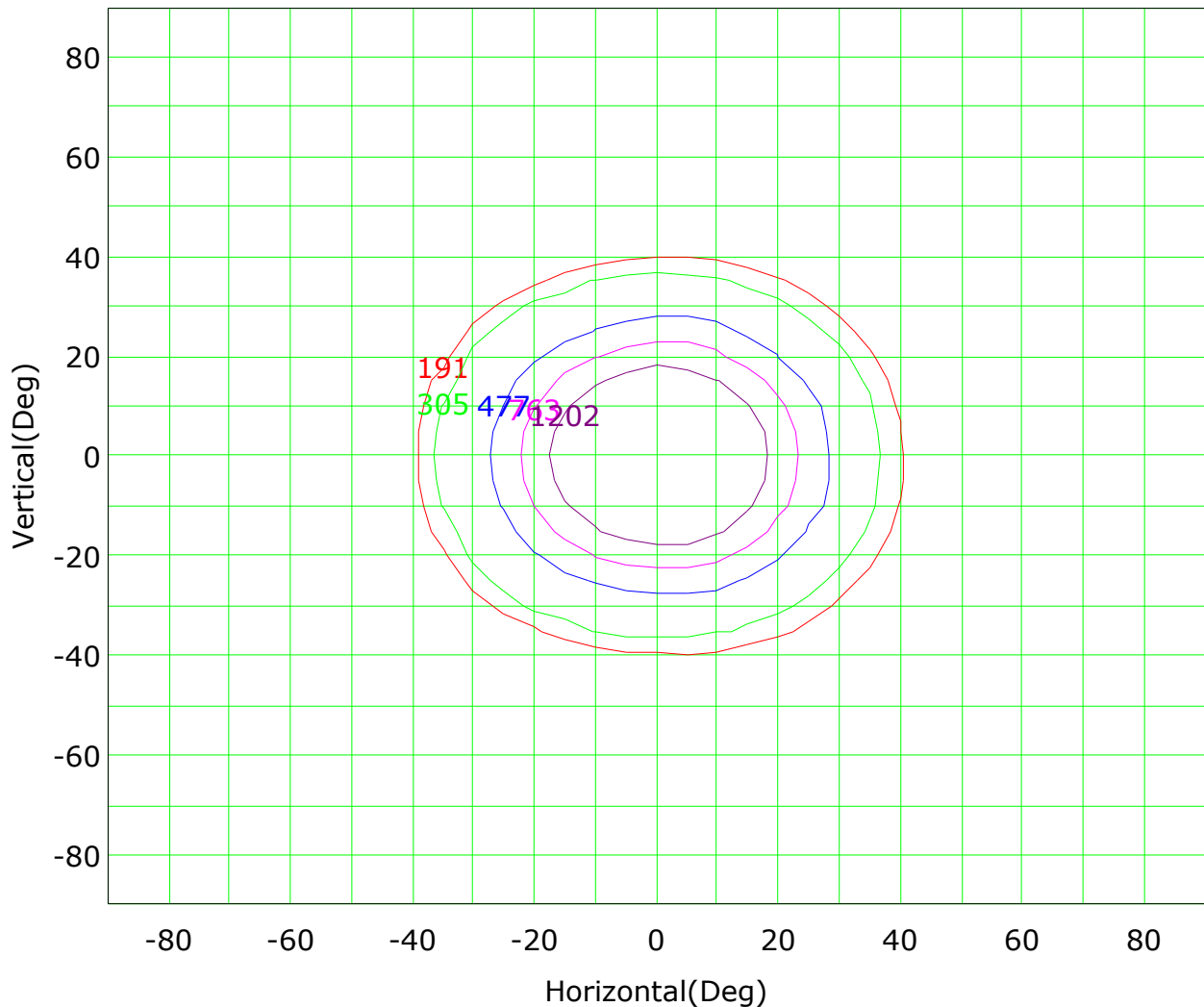
Spacing Criteria (0-180): 0.68
 Spacing Criteria (90-270): 0.68
 Spacing Criteria (Diagonal): 0.64



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Isocandela (rectangle)



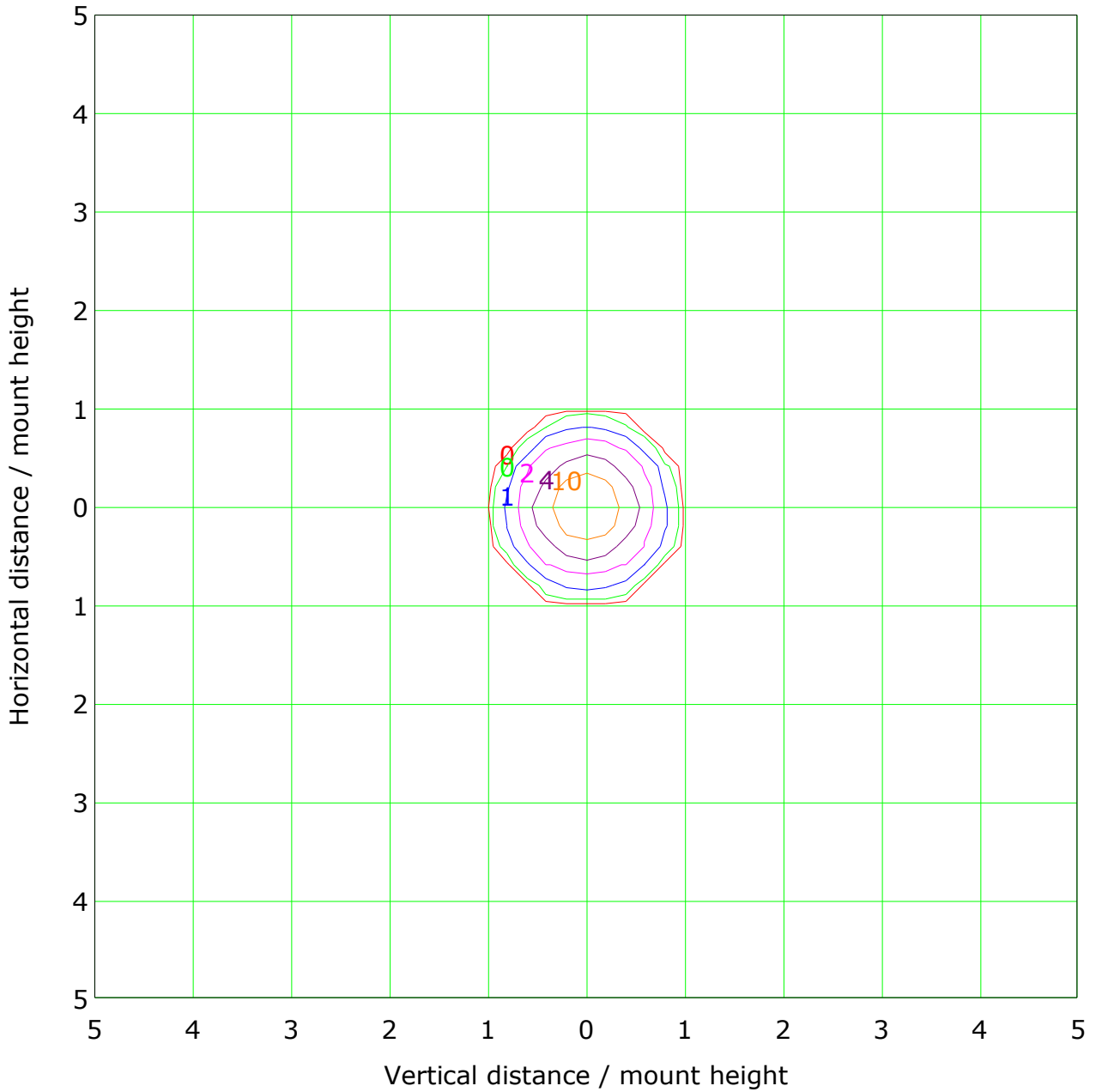
Imax (100%): 1908 cd

— (10%): 191 cd	— (16%): 305 cd
— (25%): 477 cd	— (40%): 763 cd
— (63%): 1202 cd	— (100%): 1908 cd

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 Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 19.1 lx

(1%): 0.2 lx	(2%): 0.4 lx
(5%): 1.0 lx	(10%): 1.9 lx
(20%): 3.8 lx	(50%): 9.5 lx
(100%): 19.1 lx	

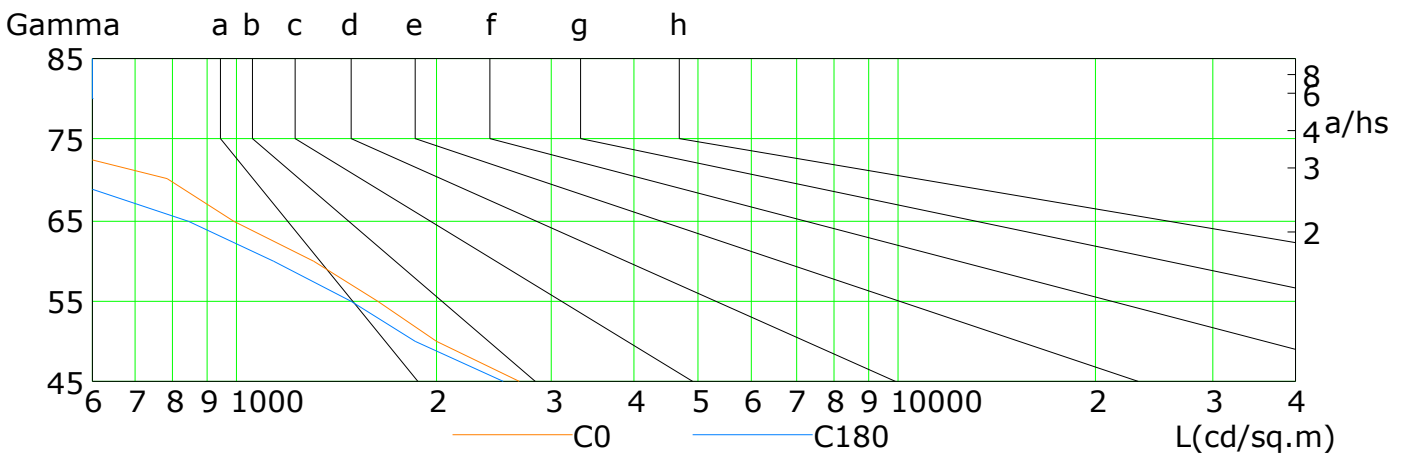
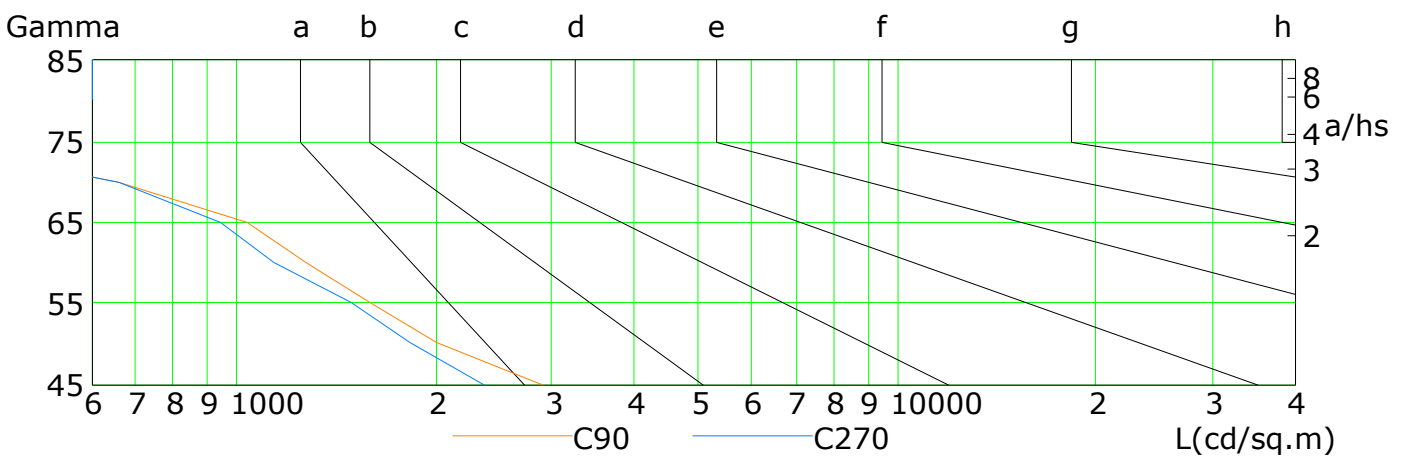
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 Inspector:

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

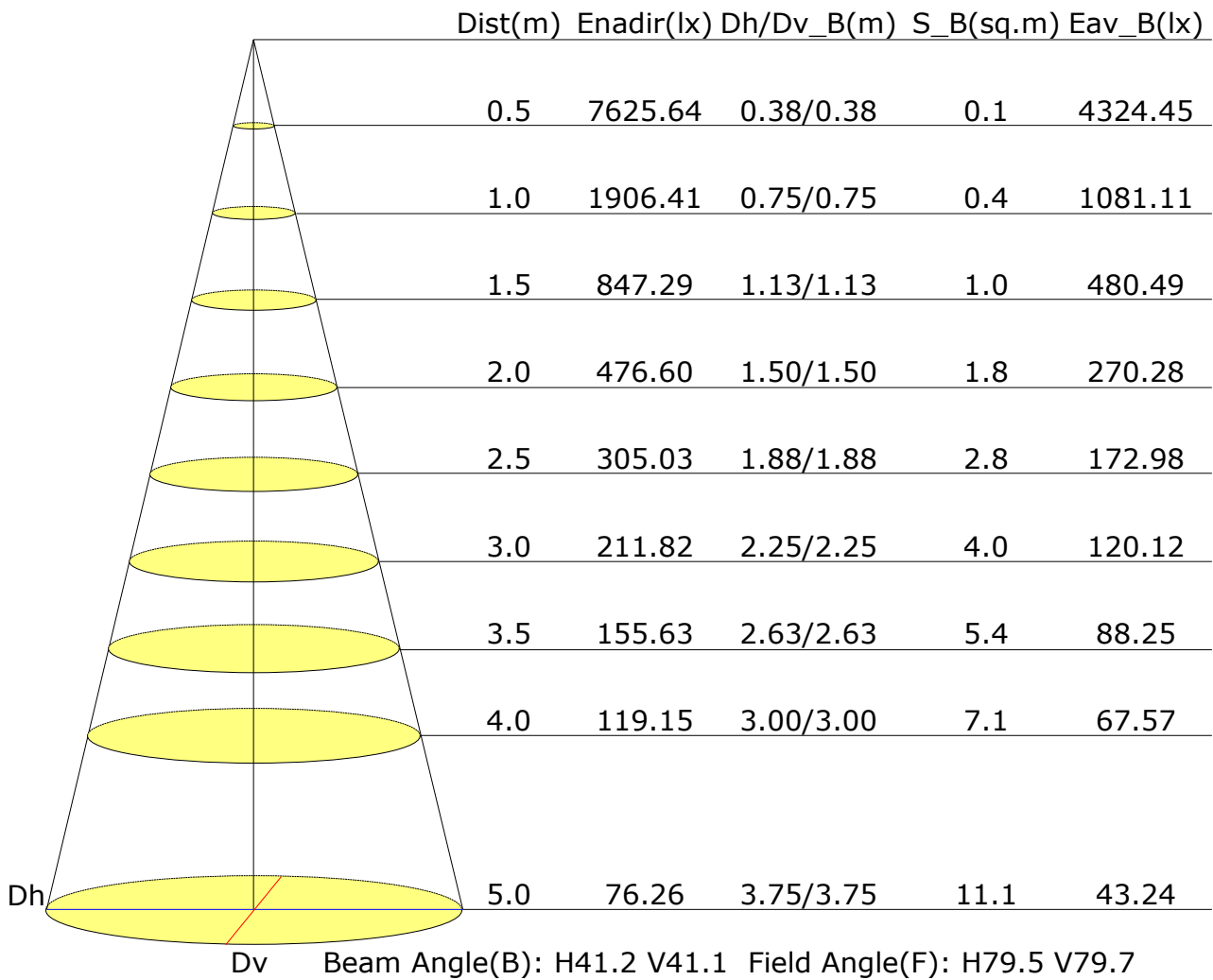


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	2669	1992	1628	1306	987	783	466	221	198
C90	2912	1992	1591	1265	1037	661	312	333	0
C180	2518	1860	1480	1138	839	541	388	0	0
C270	2366	1826	1480	1138	937	661	312	0	0

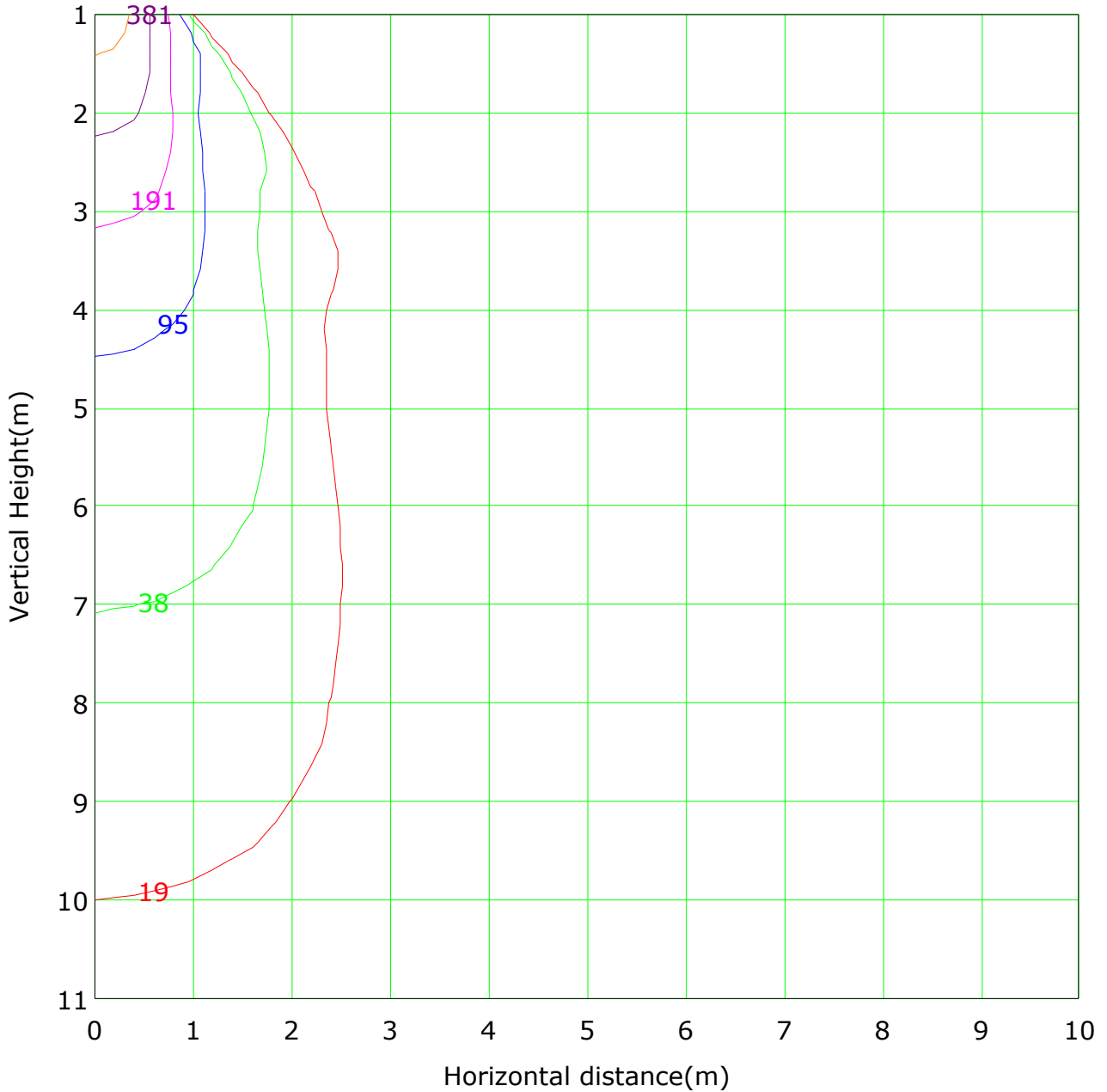
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Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1906.4 lx

— (1%): 19.1 lx	— (2%): 38.1 lx
— (5%): 95.3 lx	— (10%): 190.6 lx
— (20%): 381.3 lx	— (50%): 953.2 lx
— (100%):1906.4 lx	

The Average Illuminance Effective Figure

