

Report No.: 1

Test Time: 2017-01-05 13:52

## Luminaire Property

Luminaire Category: 0119.W.U341.6  
Luminaire Description: 60071  
Length (mm): 133  
Height (mm): 2  
Current: 0.065 A  
Power Factor: 0.982

Luminaire Manufacturer: Brasled  
Width (mm): 133  
Voltage: 230.1 V  
Power: 14.75 W

## Photometric Results

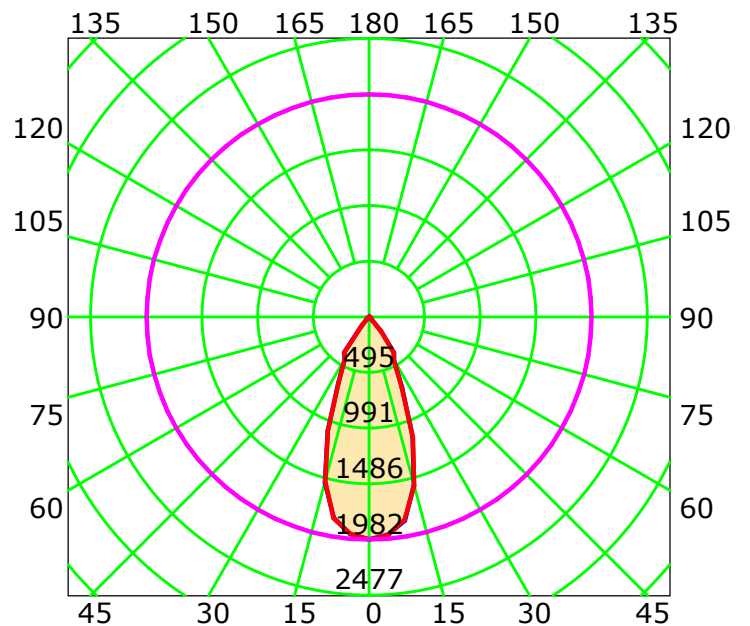
CIE Class: Direct  
Measurement Flux: 1211 lm  
Downward Ratio: 100%  
Field Angle: H77.8 V77.8  
Luminaire Efficacy Rating (LER): 82  
Max. Intensity: 1982.37 cd

Total Rated Lamp Lumens: 1211.0 lm  
Efficiency: 100%  
Upward Ratio: 0%  
Beam Angle: H42.6 V42.7  
Central Intensity: 1982.04 cd  
Pos of Max. Intensity: H45 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



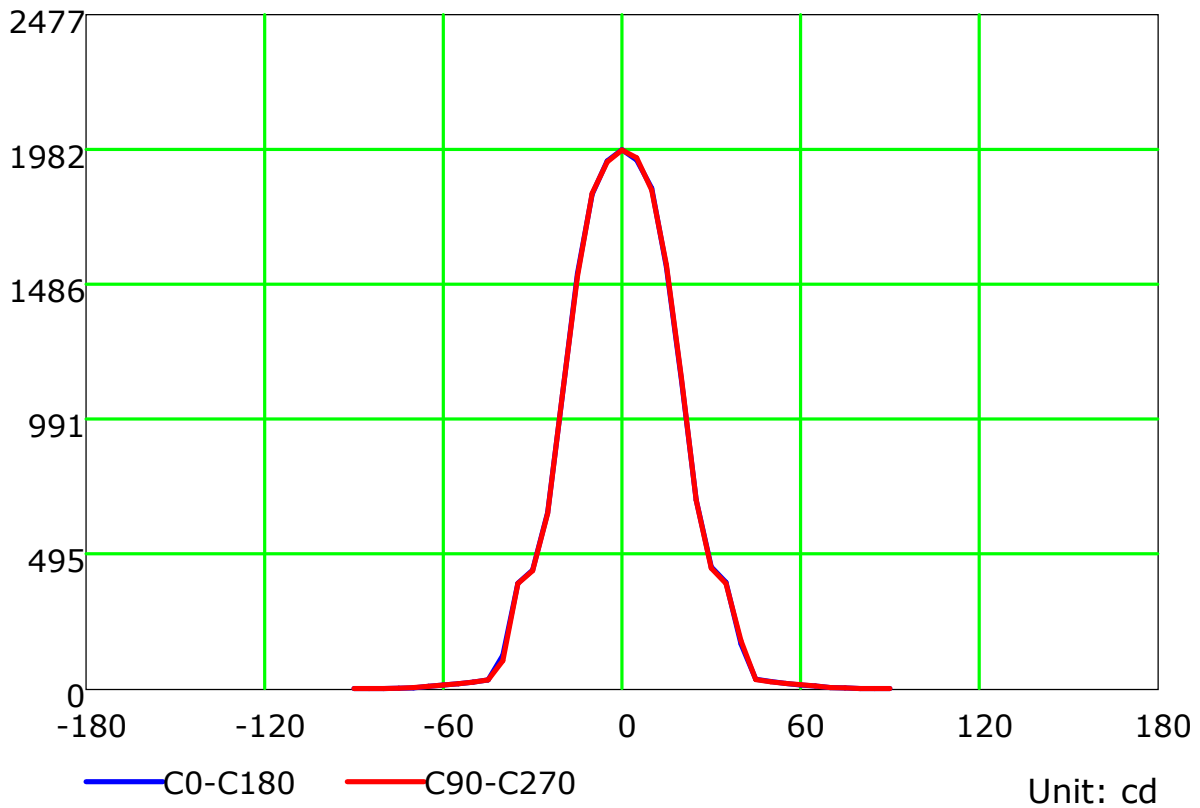
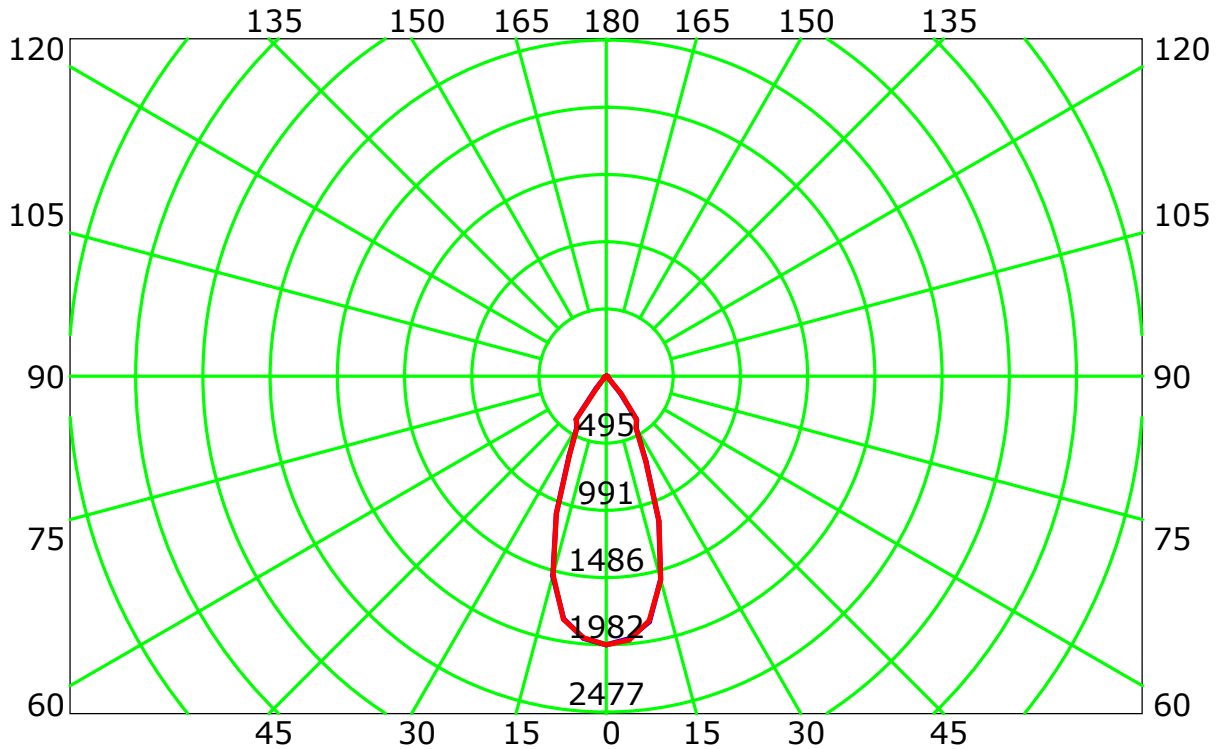
Average Diffuse Angle(50%): 42.7° Unit: cd

— 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



— C0-C180 — C90-C270

Unit: cd

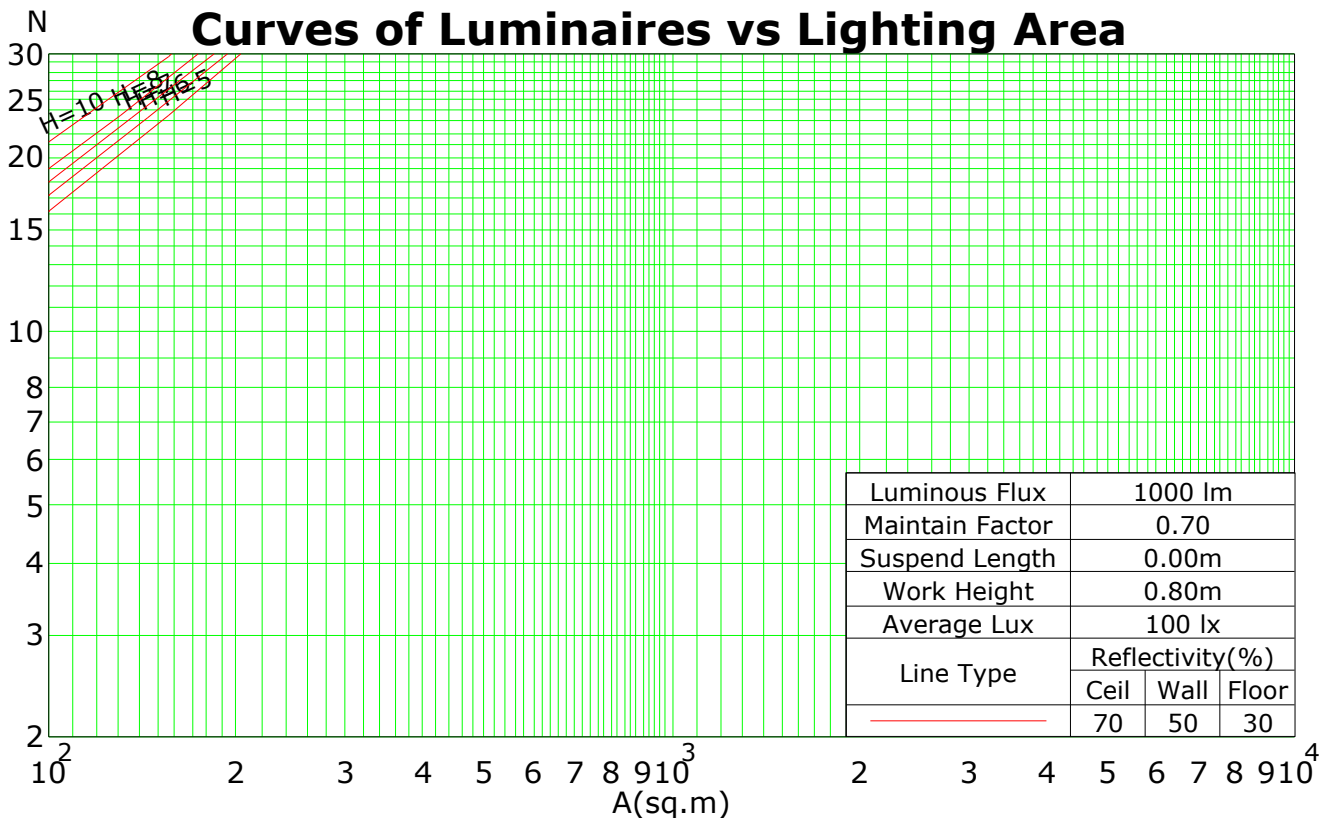
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## Coefficients Of Utilization - Zonal Cavity Method

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	88	94	90	87	91	88	86	89	86	84	83
4	99	92	87	83	97	91	86	82	88	84	81	87	83	80	85	82	79	78
5	94	86	81	77	93	86	80	77	84	79	76	82	78	75	81	77	75	73
6	90	82	76	72	89	81	76	72	79	75	71	78	74	71	77	73	70	69
7	86	77	72	68	85	77	71	68	76	71	67	74	70	67	73	70	67	65
8	82	74	68	64	81	73	68	64	72	67	64	71	67	63	70	66	63	62
9	79	70	64	61	78	69	64	61	69	64	60	68	63	60	67	63	60	59
10	76	67	61	58	75	66	61	58	65	61	57	65	60	57	64	60	57	56

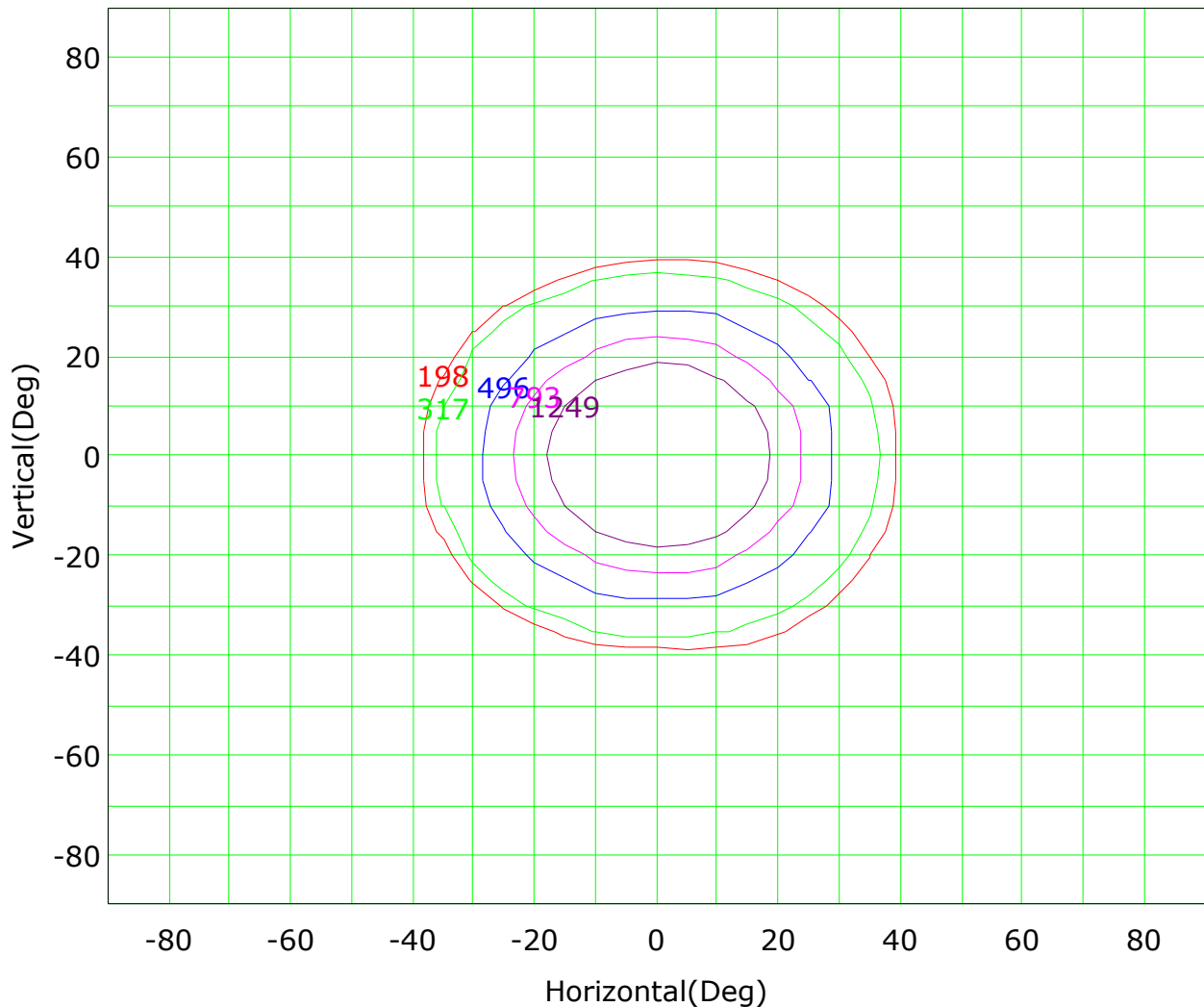
Spacing Criteria (0-180): 0.70  
 Spacing Criteria (90-270): 0.70  
 Spacing Criteria (Diagonal): 0.66



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## Isocandela (rectangle)



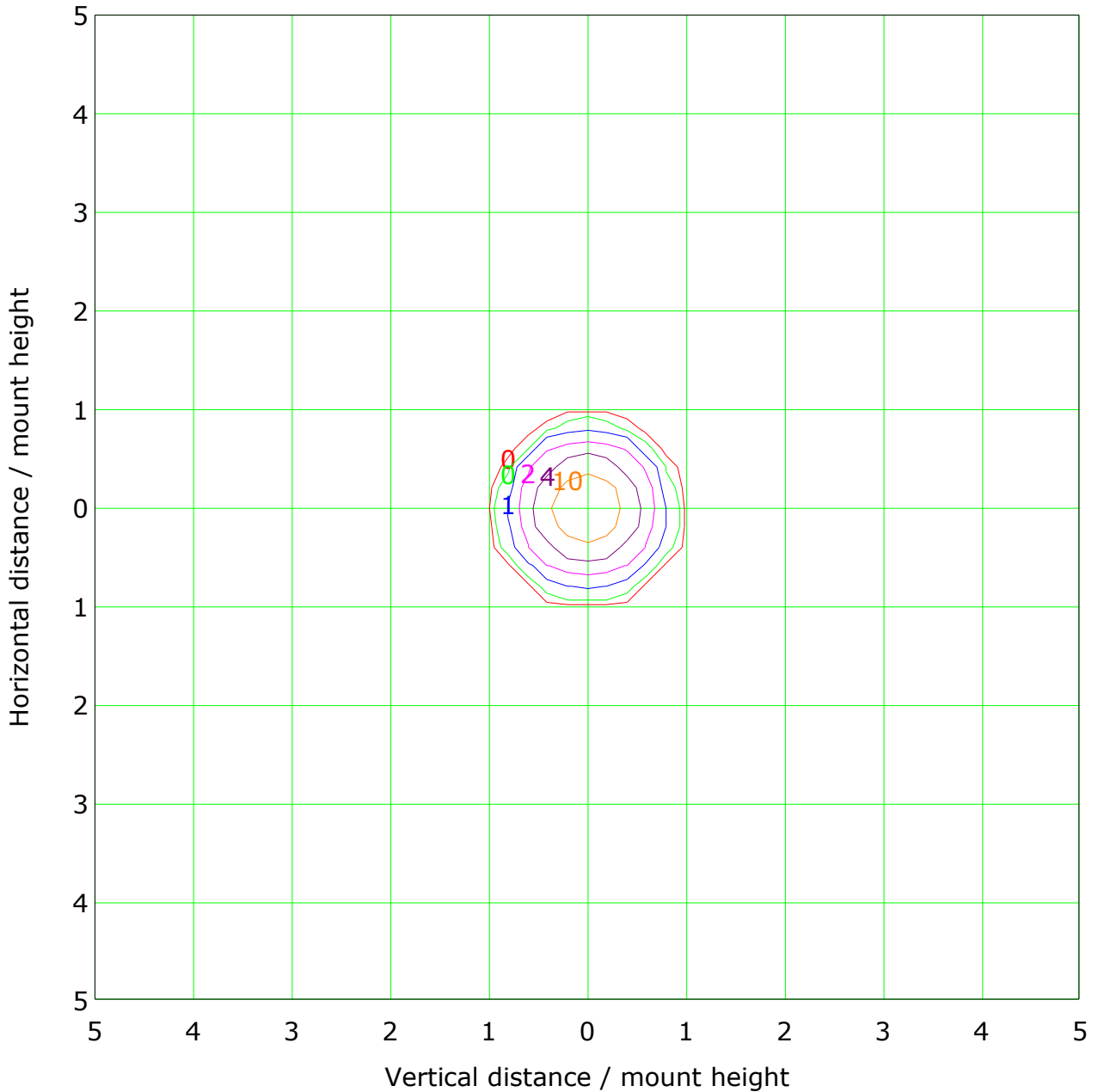
Imax (100%): 1982 cd

— ( 10%): 198 cd	— ( 16%): 317 cd
— ( 25%): 496 cd	— ( 40%): 793 cd
— ( 63%): 1249 cd	— (100%): 1982 cd

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Test Device: LSG-1200A  
Distance: 1.0 m  
Humidity: 60  
Inspector:

## IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 19.8 lx	
— ( 1%):	0.2 lx	— ( 2%):	0.4 lx
— ( 5%):	1.0 lx	— ( 10%):	2.0 lx
— ( 20%):	4.0 lx	— ( 50%):	9.9 lx
— (100%):	19.8 lx		

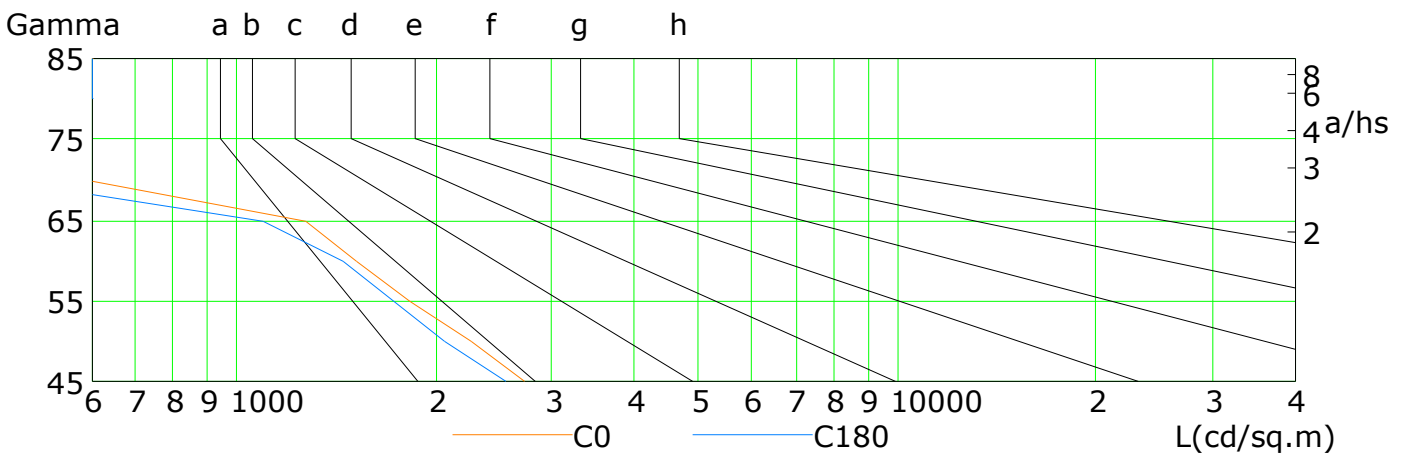
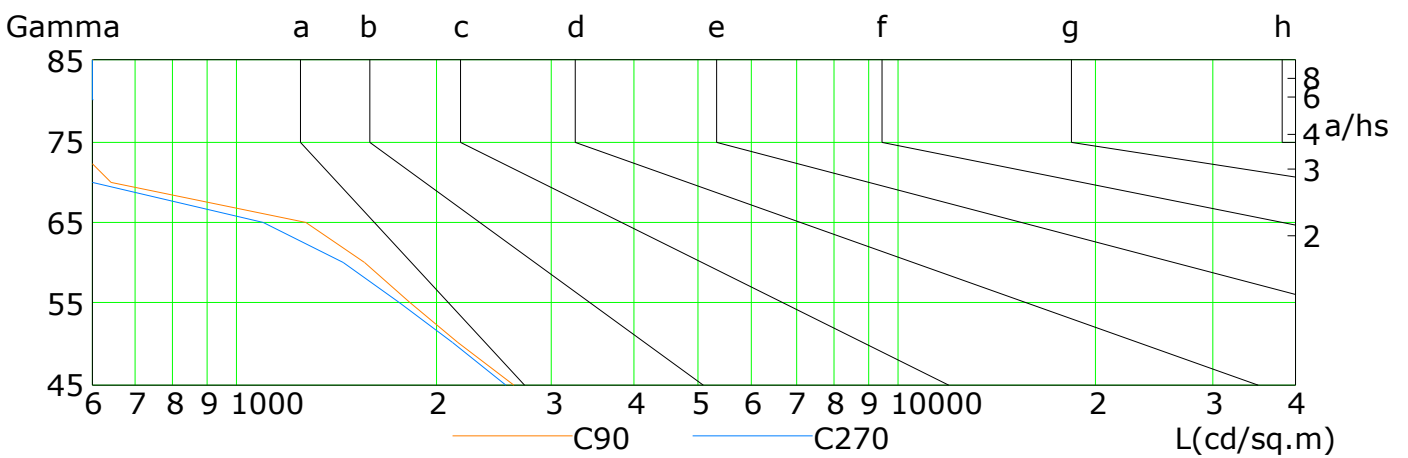
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 Test Type: TYPE C  
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 Humidity: 60  
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## Lum Limit Curve

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

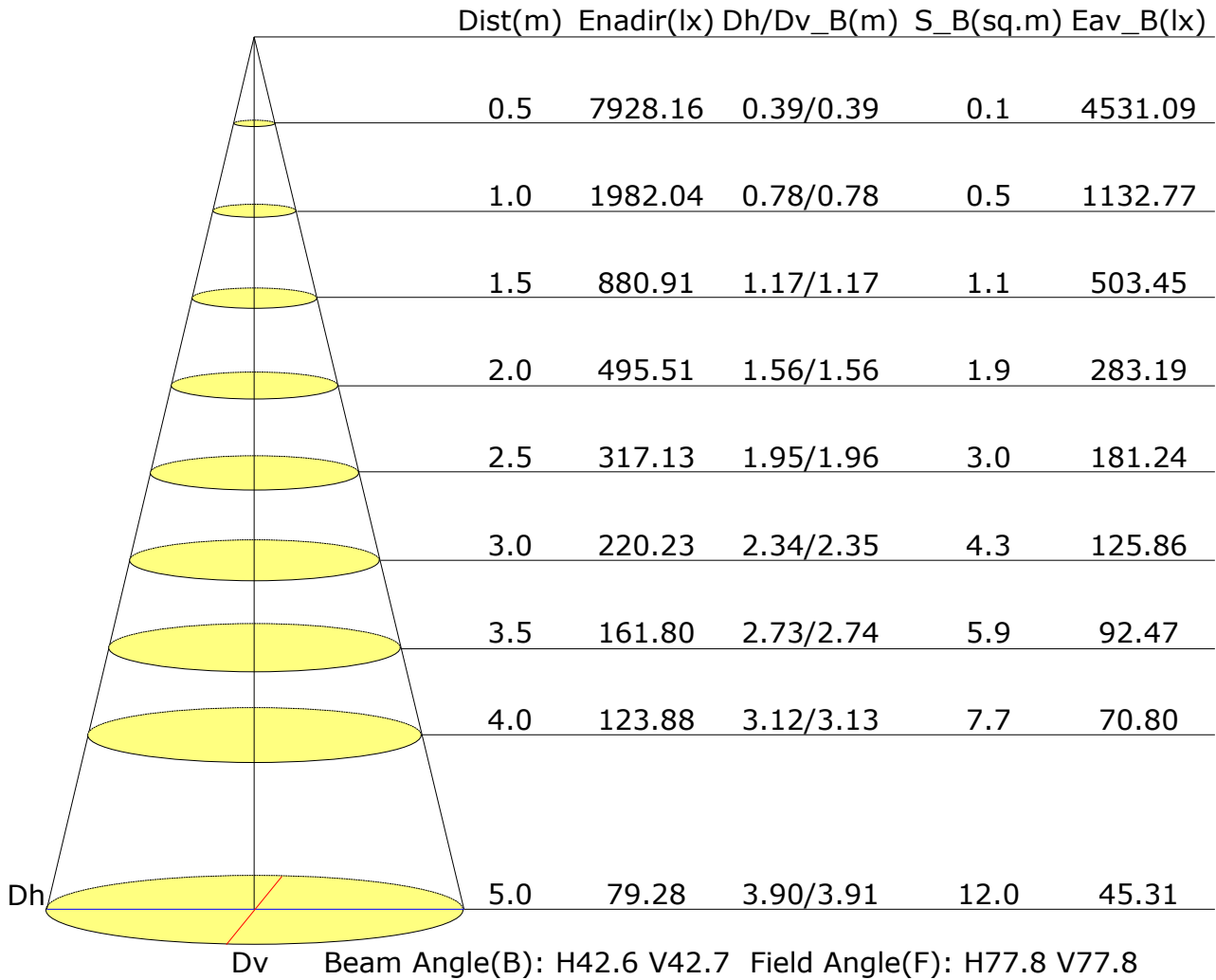


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	2729	2267	1818	1520	1265	587	556	201	0
C90	2623	2151	1818	1557	1265	641	556	201	0
C180	2543	2063	1720	1446	1090	427	418	0	0
C270	2543	2122	1753	1446	1090	587	418	0	0

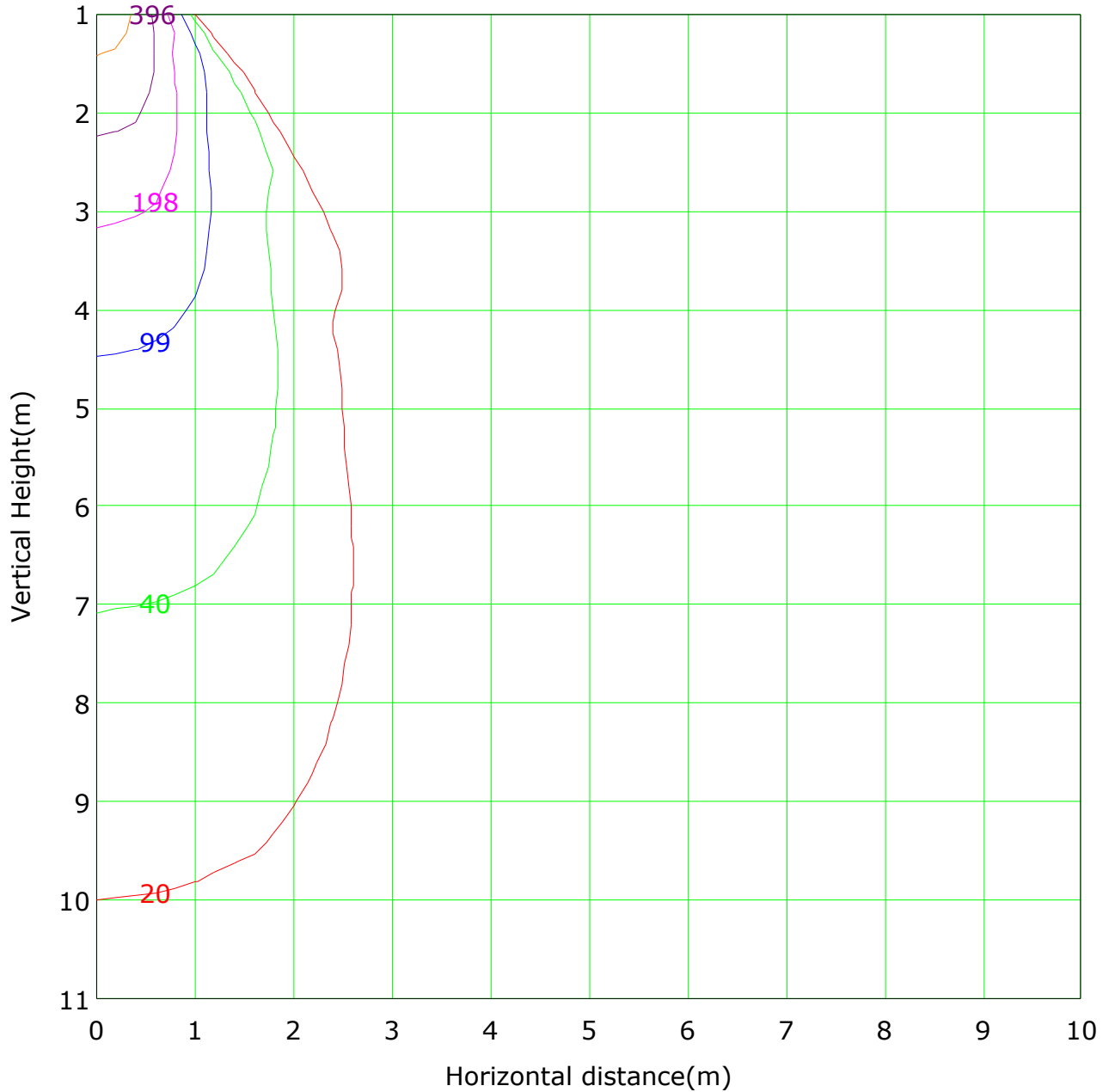
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## Illuminance at a Distance



## Vertical IsoLux Plot



Lowest(m): 1.0m    Highest(m): 11.0m    Max Lux: 1982.0 lx  
 ( 1%): 19.8 lx                      ( 2%): 39.6 lx  
 ( 5%): 99.1 lx                        ( 10%): 198.2 lx  
 ( 20%): 396.4 lx                      ( 50%): 991.0 lx  
 (100%):1982.0 lx



## The Average Illuminance Effective Figure

