

Report No.: 1

Test Time: 2017-01-17 16:50

Luminaire Property

Luminaire Category: 0125.W.H241.6
Luminaire Description: 60015
Length (mm): 88
Height (mm): 2
Current: 0.057 A
Power Factor: 0.978

Luminaire Manufacturer: Brasled
Width (mm): 88
Voltage: 230.1 V
Power: 12.93 W

Photometric Results

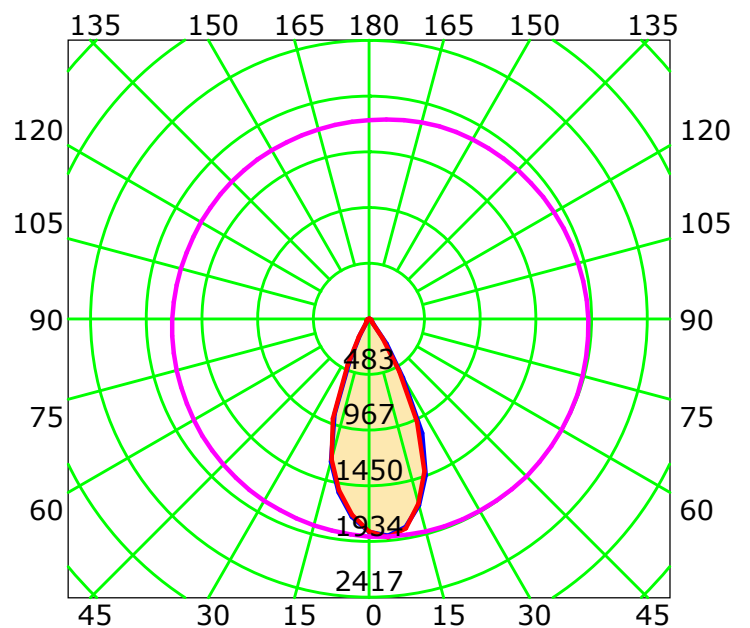
CIE Class: Direct
Measurement Flux: 1102.9 lm
Downward Ratio: 100%
Field Angle: H66.3 V65.4
Luminaire Efficacy Rating (LER): 85
Max. Intensity: 1934.27 cd

Total Rated Lamp Lumens: 1102.9 lm
Efficiency: 100%
Upward Ratio: 0%
Beam Angle: H46.0 V45.4
Central Intensity: 1849.77 cd
Pos of Max. Intensity: H45 V5

Picture Of Luminaire



Luminous Intensity Distribution Curve



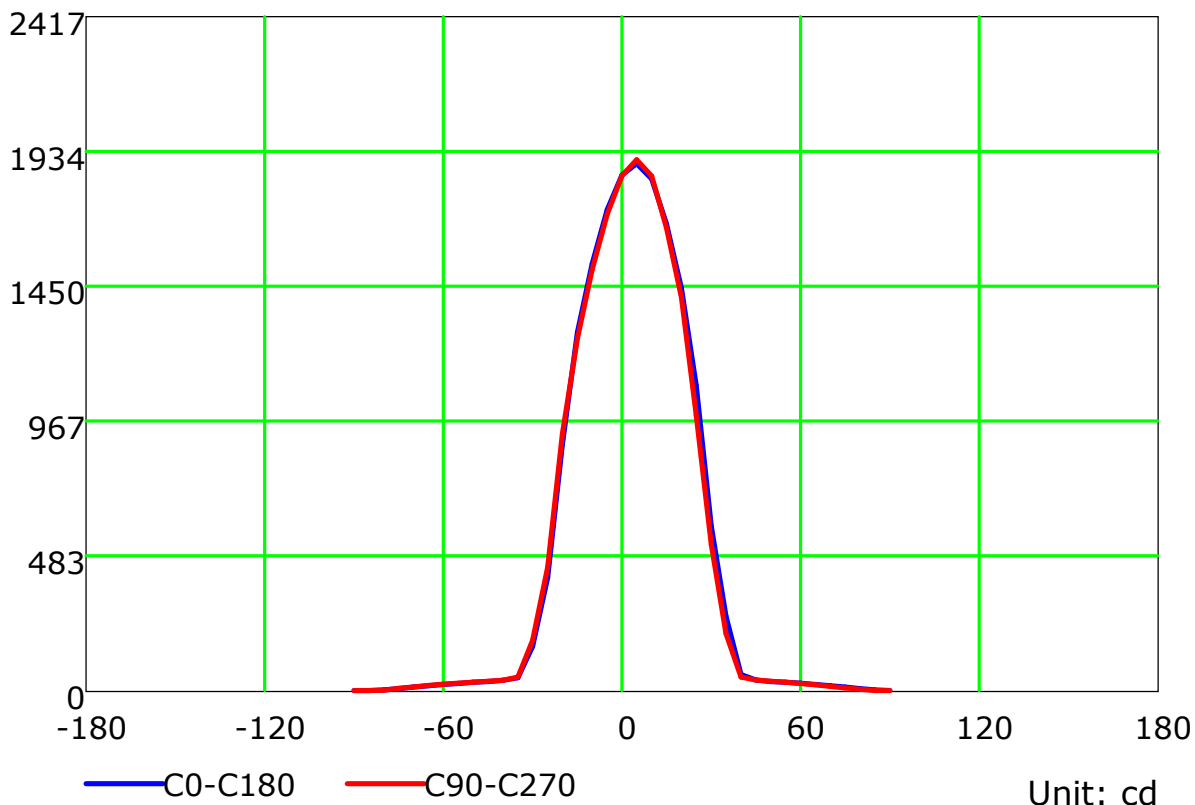
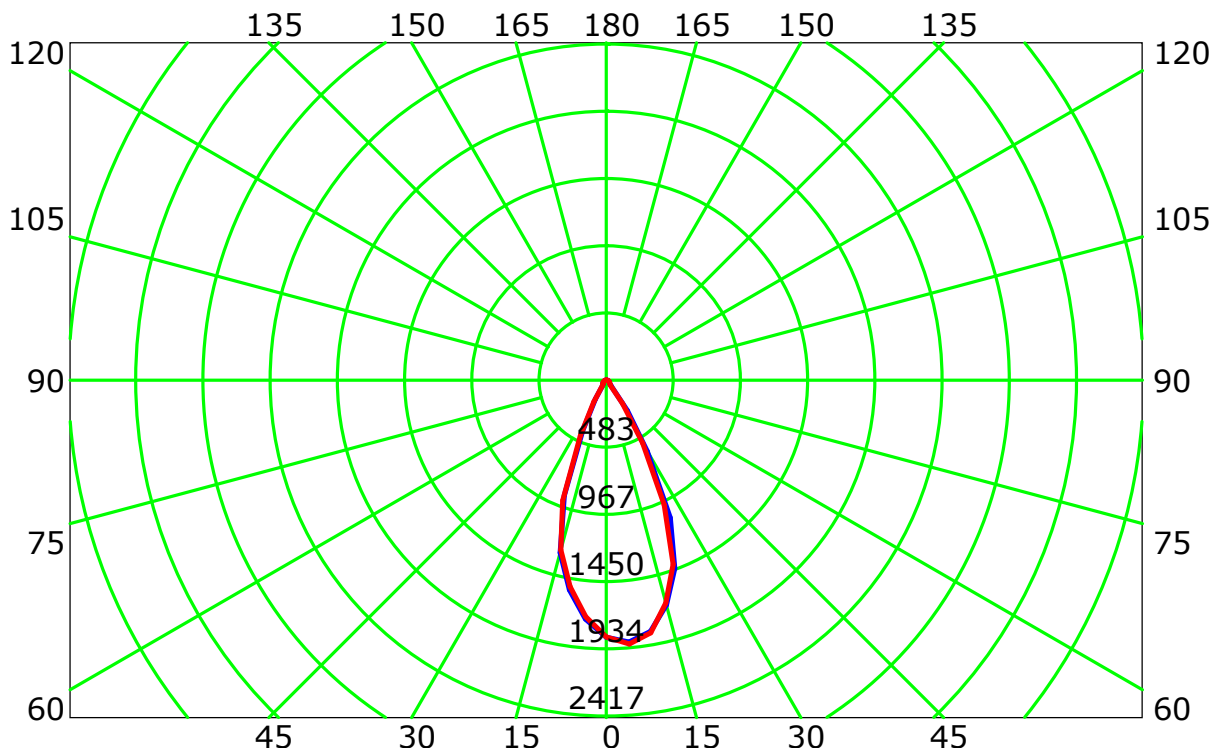
Unit: cd
Average Diffuse Angle(50%): 45.7

— C0-C180 — C90-C270 — G5

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



Unit: cd

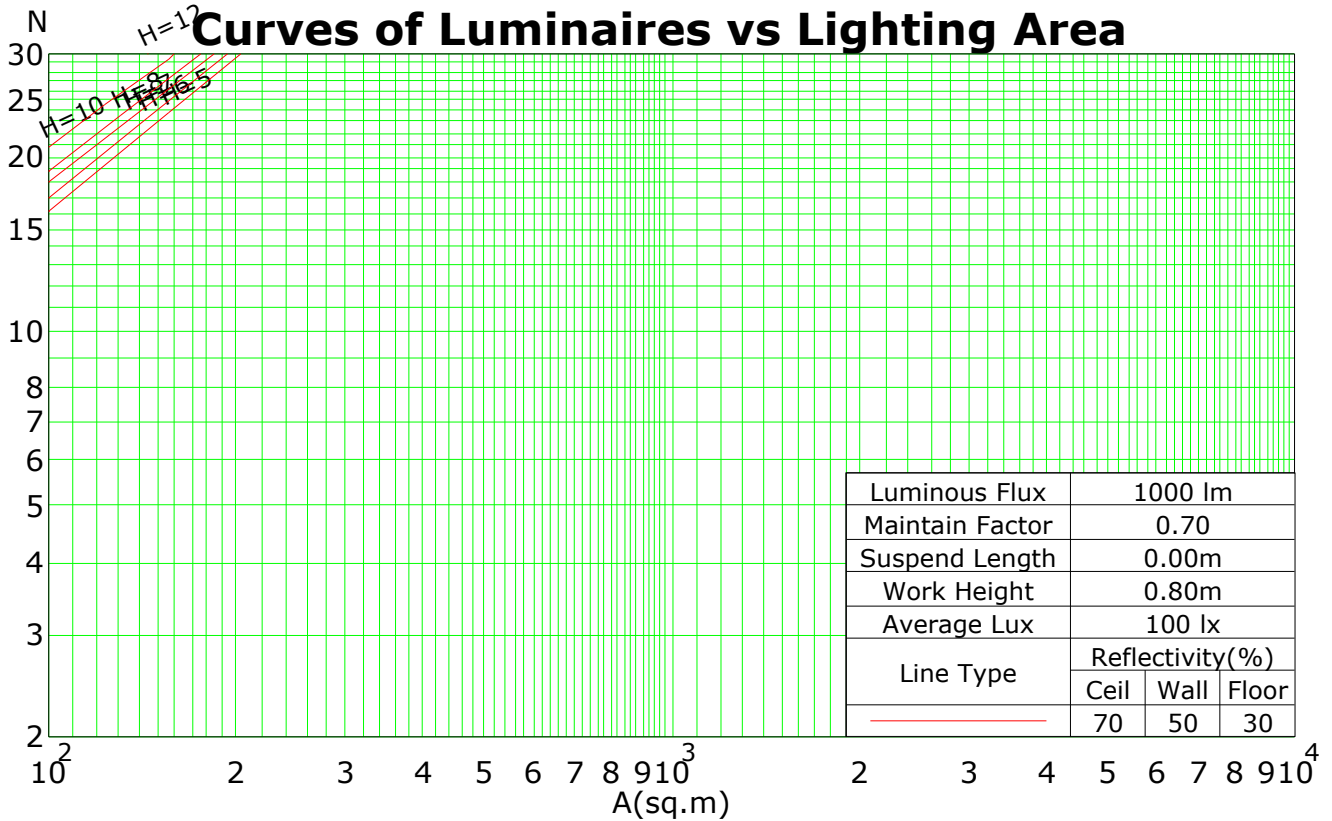
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Coefficients Of Utilization - Zonal Cavity Method

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	108	106	111	109	107	105	105	103	101	101	100	98	98	97	96	94
2	108	104	100	97	106	102	98	95	99	96	93	96	93	91	93	91	89	88
3	103	97	93	89	101	96	92	88	93	90	87	91	88	85	89	86	84	82
4	99	92	86	82	97	90	86	82	88	84	81	86	83	80	85	82	79	78
5	94	87	81	77	93	86	81	77	84	80	76	82	78	75	81	77	75	73
6	90	82	77	73	89	81	76	72	80	75	72	78	74	71	77	74	71	70
7	87	78	72	69	85	77	72	68	76	71	68	75	71	68	74	70	67	66
8	83	74	69	65	82	74	68	65	73	68	65	72	67	64	71	67	64	63
9	80	71	65	62	79	70	65	62	69	65	61	69	64	61	68	64	61	60
10	77	68	62	59	76	67	62	59	66	62	59	66	61	58	65	61	58	57

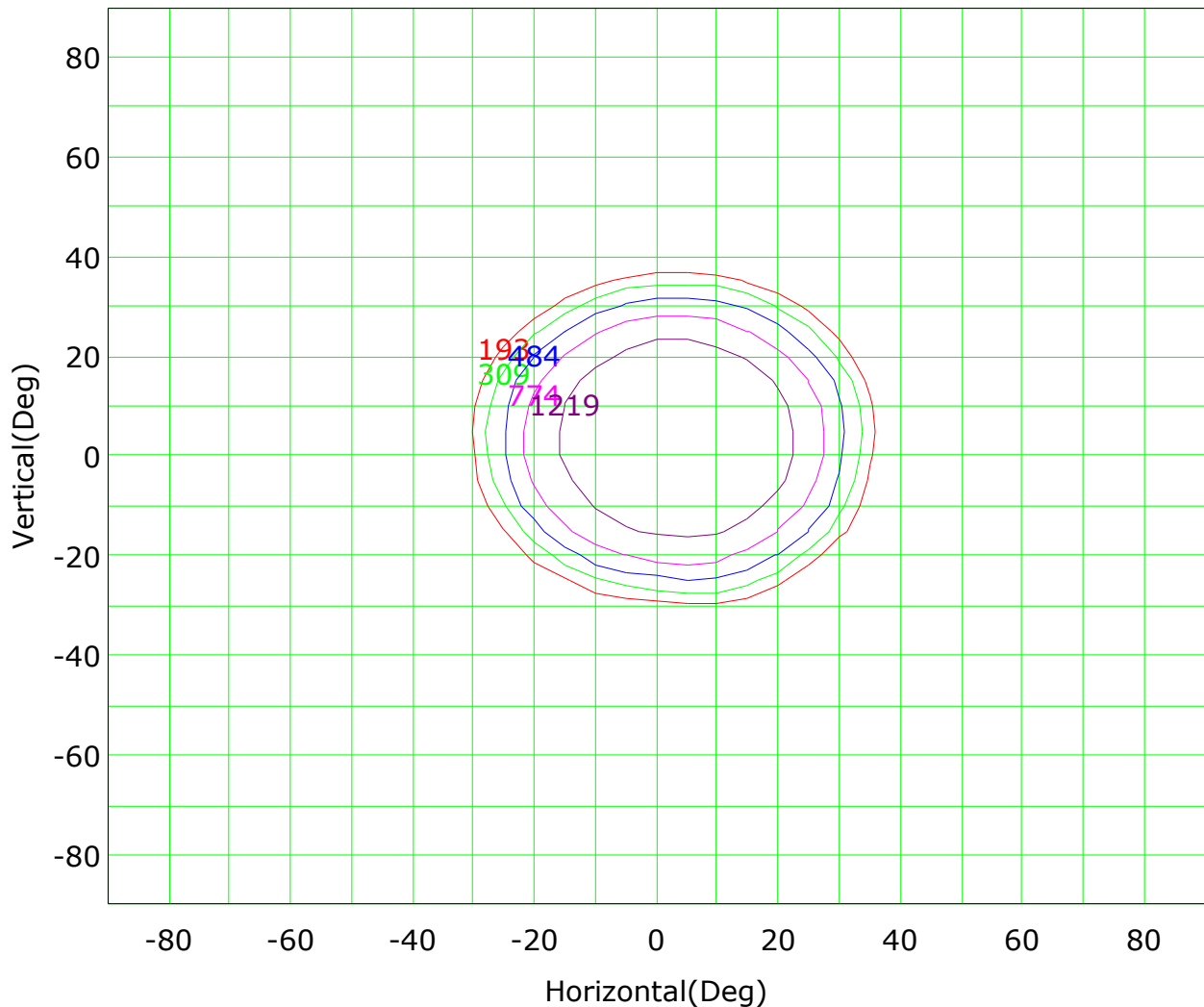
Spacing Criteria (0-180): 0.75
 Spacing Criteria (90-270): 0.75
 Spacing Criteria (Diagonal): 0.70



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Isocandela (rectangle)



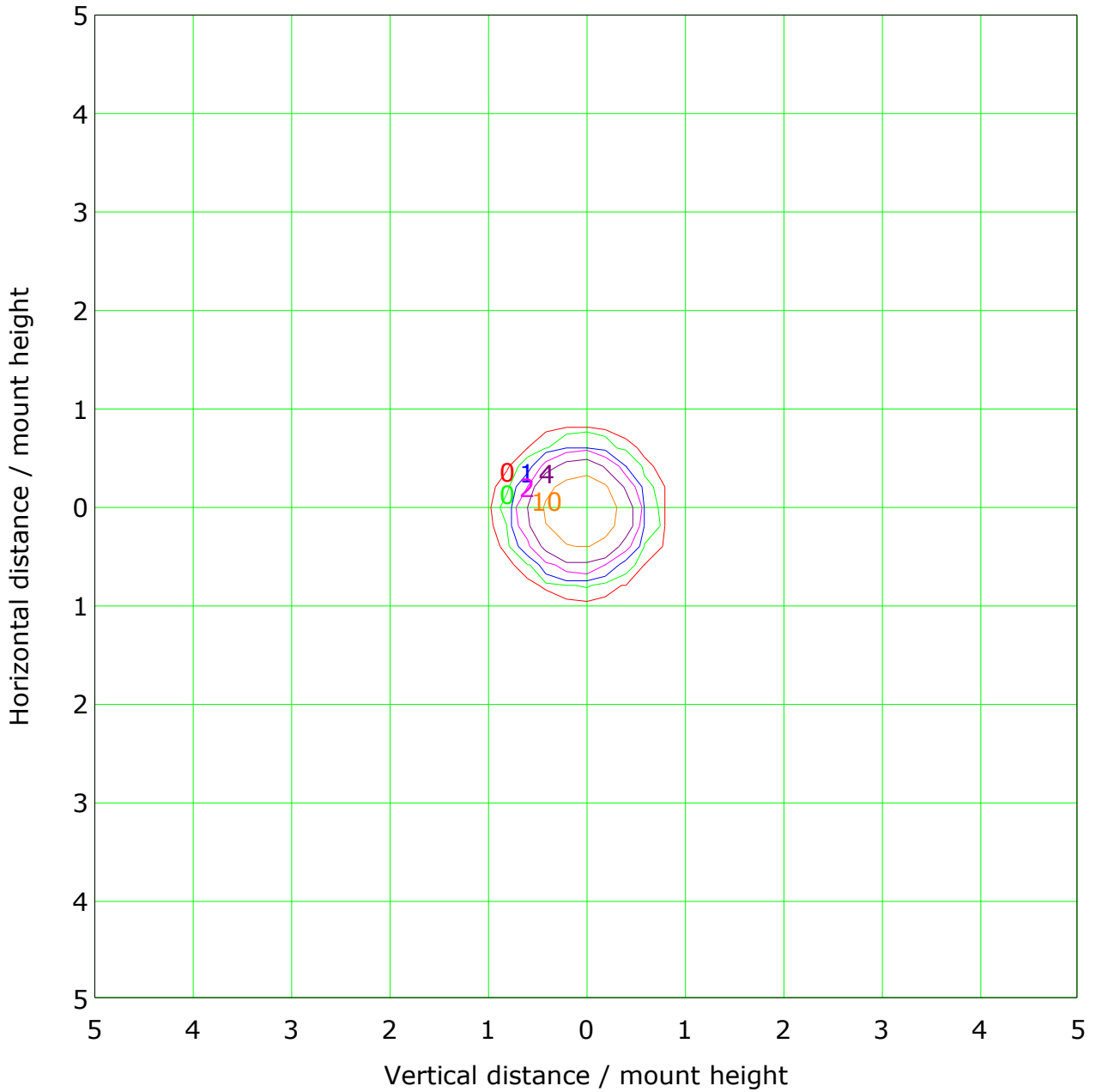
Imax (100%): 1934 cd

— (10%): 193 cd	— (16%): 309 cd
— (25%): 484 cd	— (40%): 774 cd
— (63%): 1219 cd	— (100%): 1934 cd

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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%):	9.6 lx
— (100%):	19.1 lx		

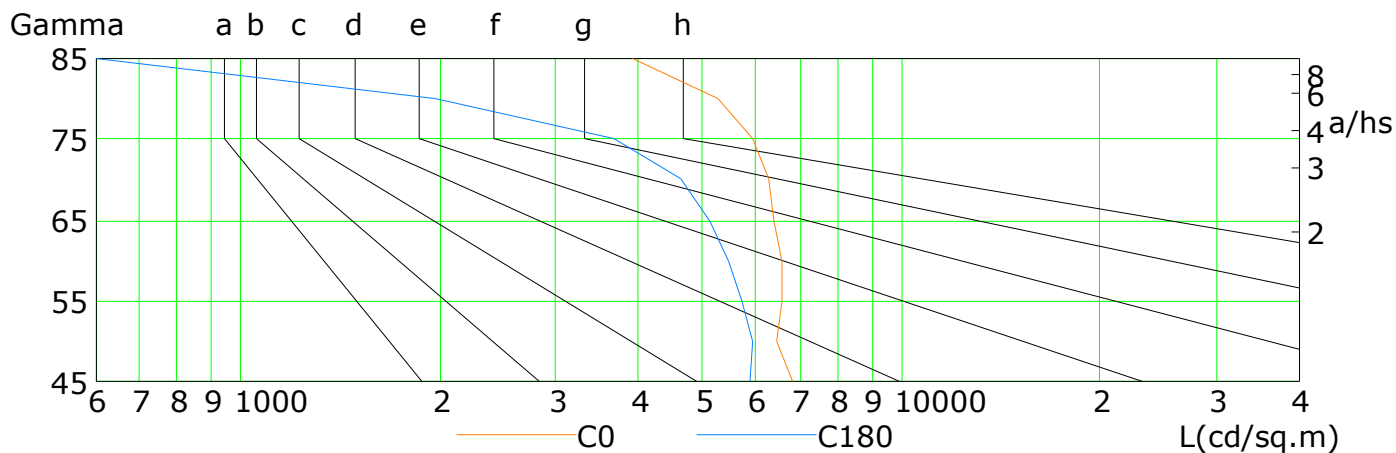
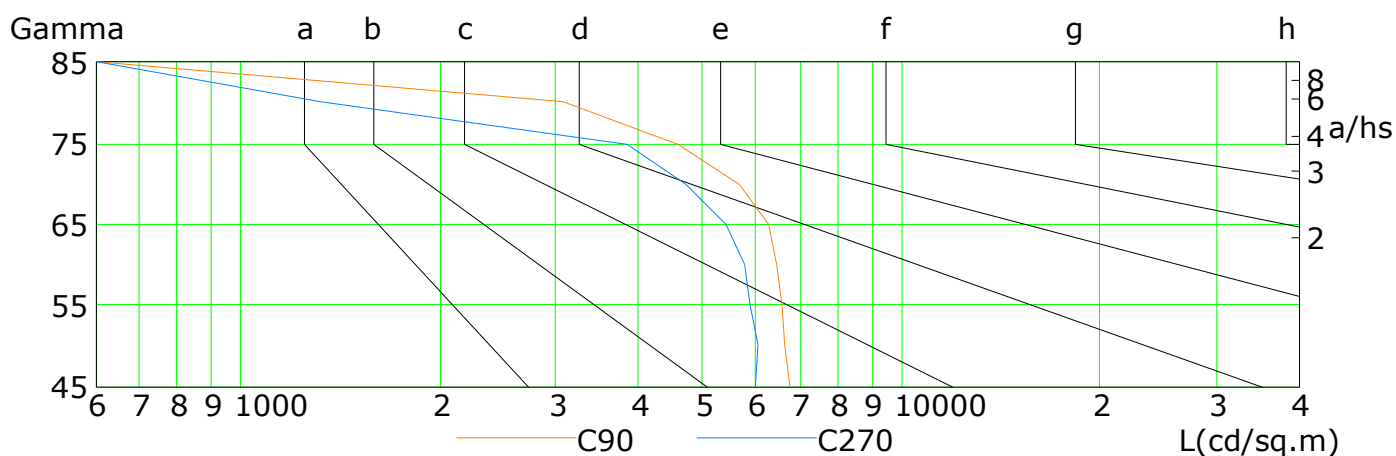
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Lum Limit Curve

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

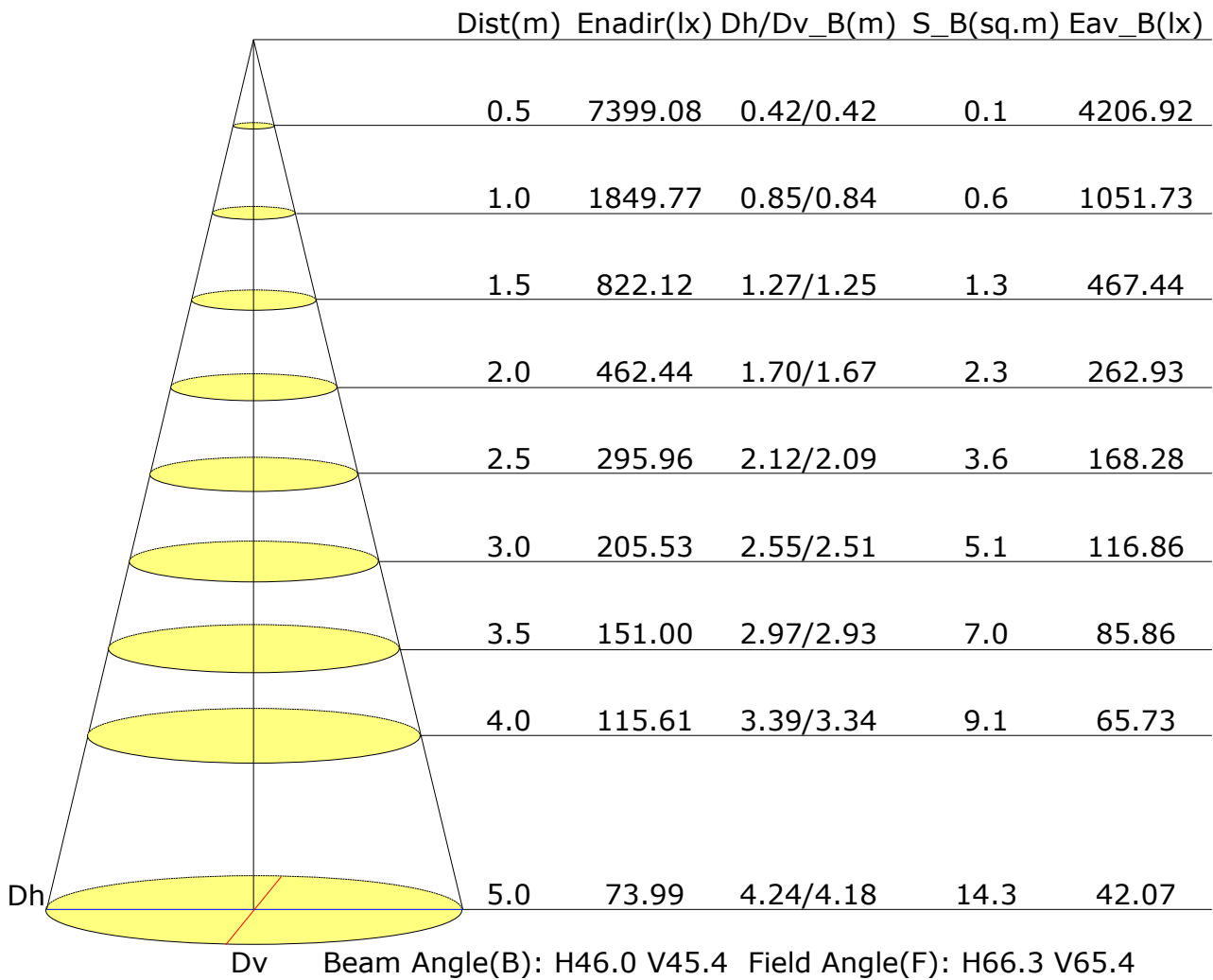


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	6830	6441	6601	6612	6395	6265	5965	5257	3916
C90	6771	6637	6601	6448	6299	5675	4590	3070	0
C180	5880	5921	5731	5454	5137	4609	3670	1970	0
C270	6000	6050	5874	5785	5428	4730	3827	1317	0

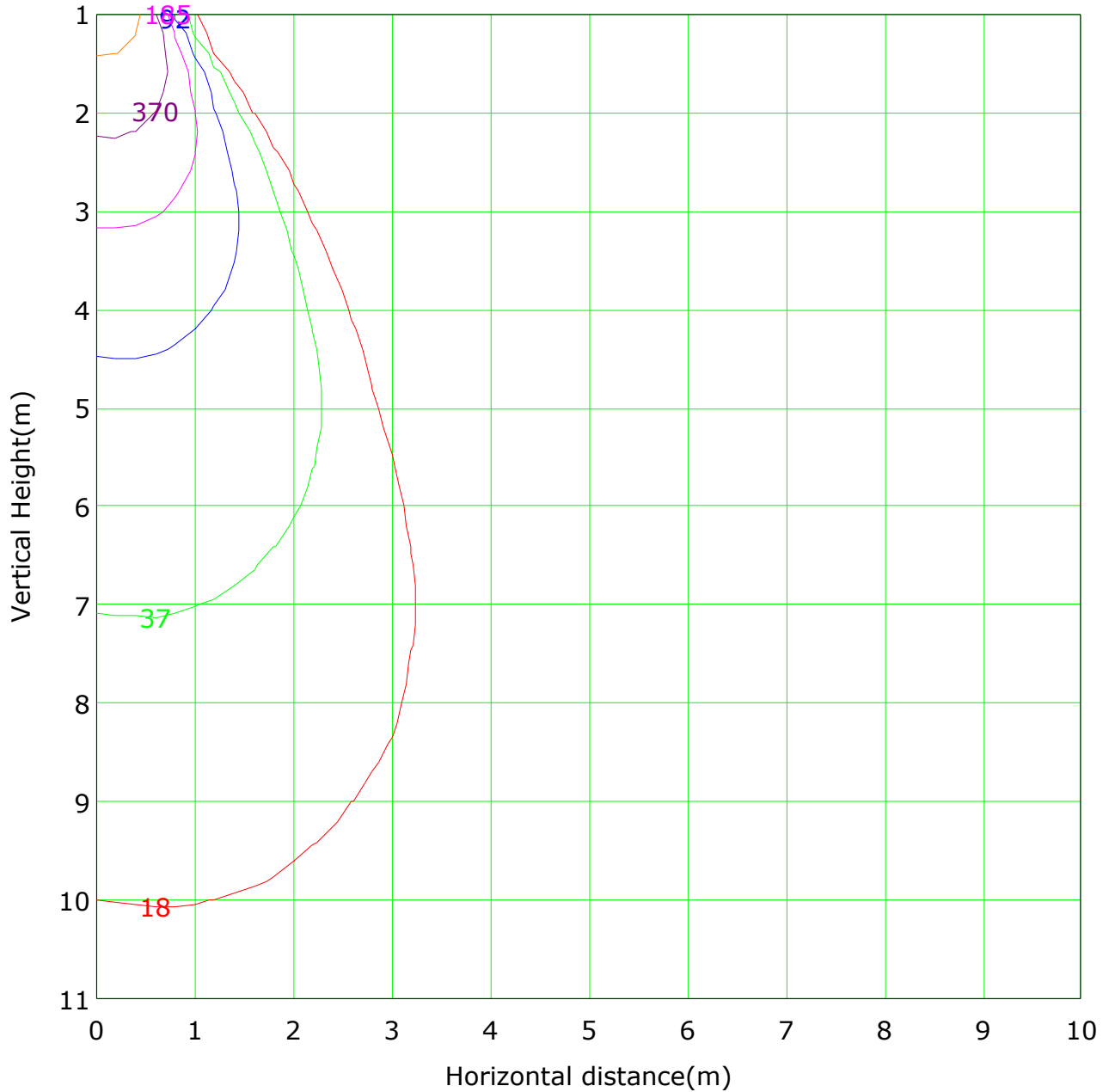
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Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1849.8 lx
 (1%): 18.5 lx (2%): 37.0 lx
 (5%): 92.5 lx (10%): 185.0 lx
 (20%): 370.0 lx (50%): 924.9 lx
 (100%):1849.8 lx

The Average Illuminance Effective Figure

