

Report No.: 1

Test Time: 2016-12-29 15:26

Luminaire Property

Luminaire Category: 0117.W.U241.6
Luminaire Description: 60068
Length (mm): 108
Height (mm): 2
Current: 0.057 A
Power Factor: 0.980

Luminaire Manufacturer: Brasled
Width (mm): 108
Voltage: 230.1 V
Power: 12.91 W

Photometric Results

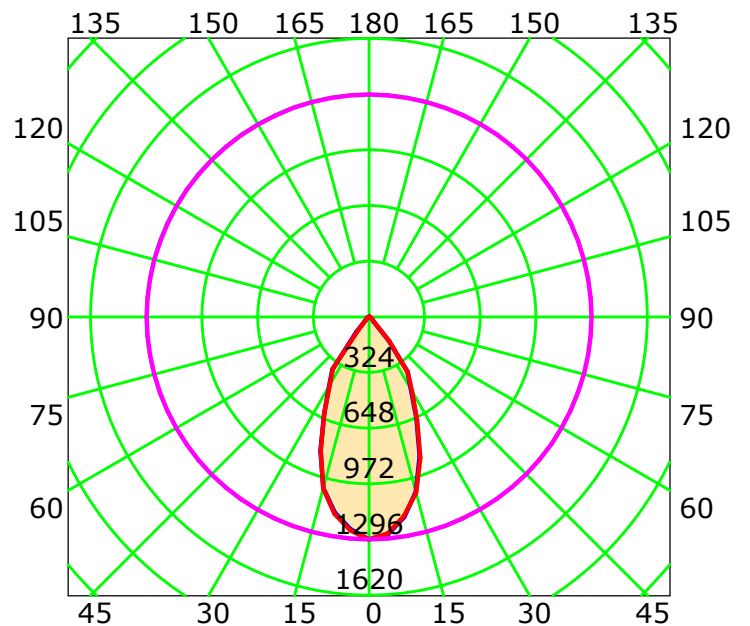
CIE Class: Direct
Measurement Flux: 1000.7 lm
Downward Ratio: 100%
Field Angle: H81.4 V81.4
Luminaire Efficacy Rating (LER): 78
Max. Intensity: 1296.17 cd

Total Rated Lamp Lumens: 1000.7 lm
Efficiency: 100%
Upward Ratio: 0%
Beam Angle: H49.5 V49.8
Central Intensity: 1294.5 cd
Pos of Max. Intensity: H135 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



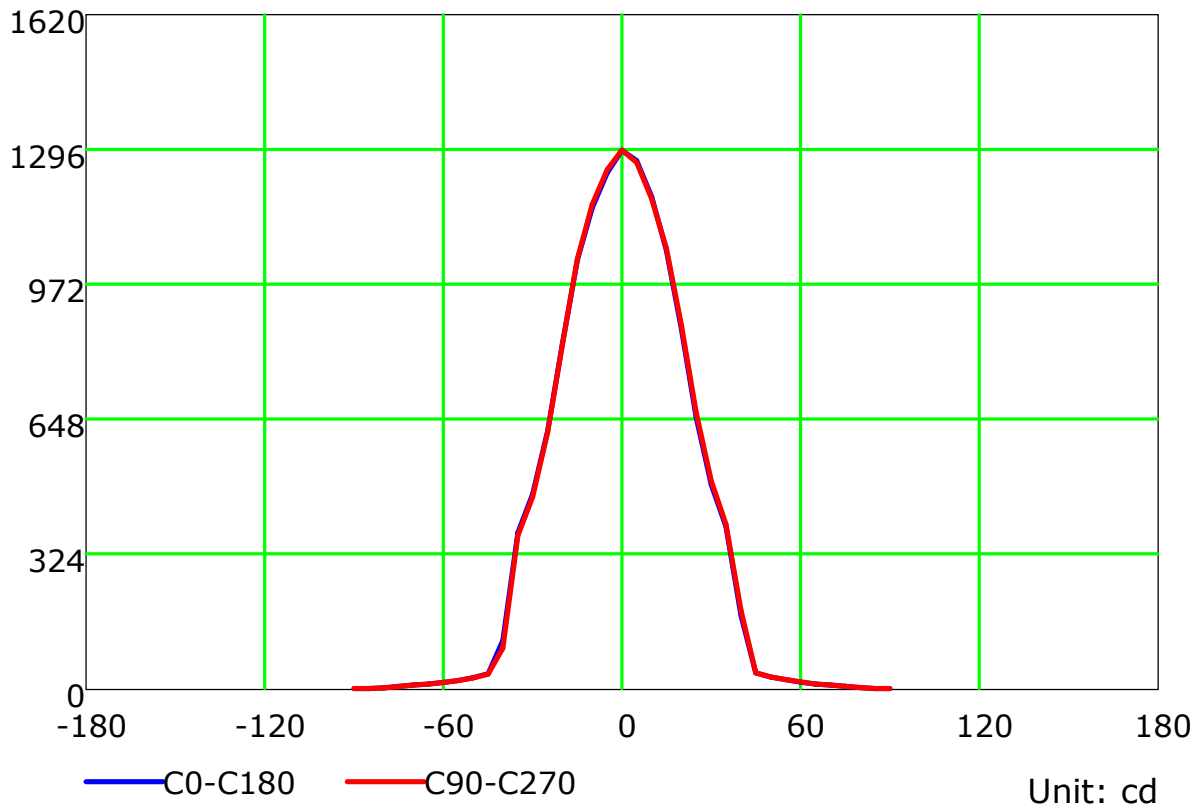
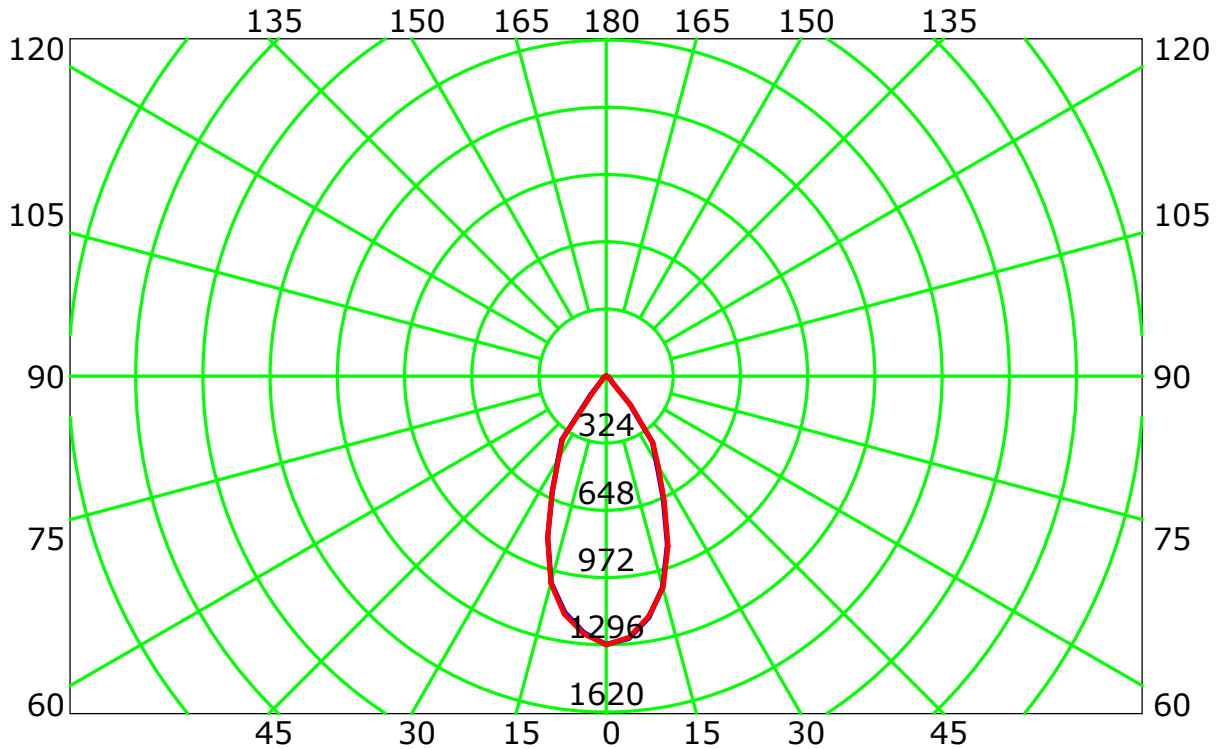
Average Diffuse Angle(50%): 49.6° Unit: cd

— 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



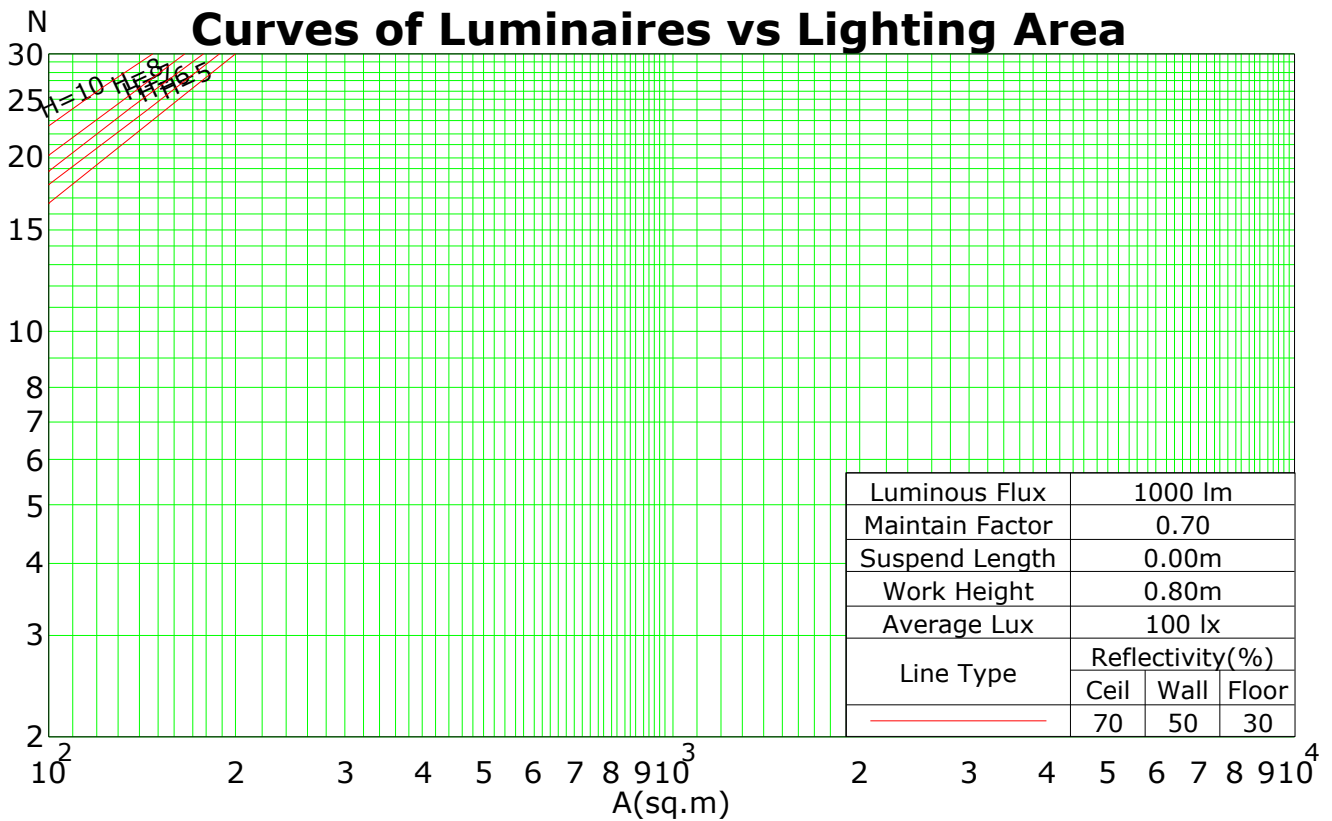
C Plane (°):0.0-360.0: 22.5
 Test Lab: Brasled
 Test Type: TYPE C
 Temperature: 26
 Operator:

Gamma Plane (°):0.0-90.0:5.0
 Test Device: LSG-1200A
 Distance: 1.0 m
 Humidity: 60
 Inspector:

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	105	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	80
4	97	89	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	59	67	63	59	66	62	59	58
9	76	66	60	56	75	66	60	56	65	59	56	64	59	56	63	59	56	54
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	56	52	51

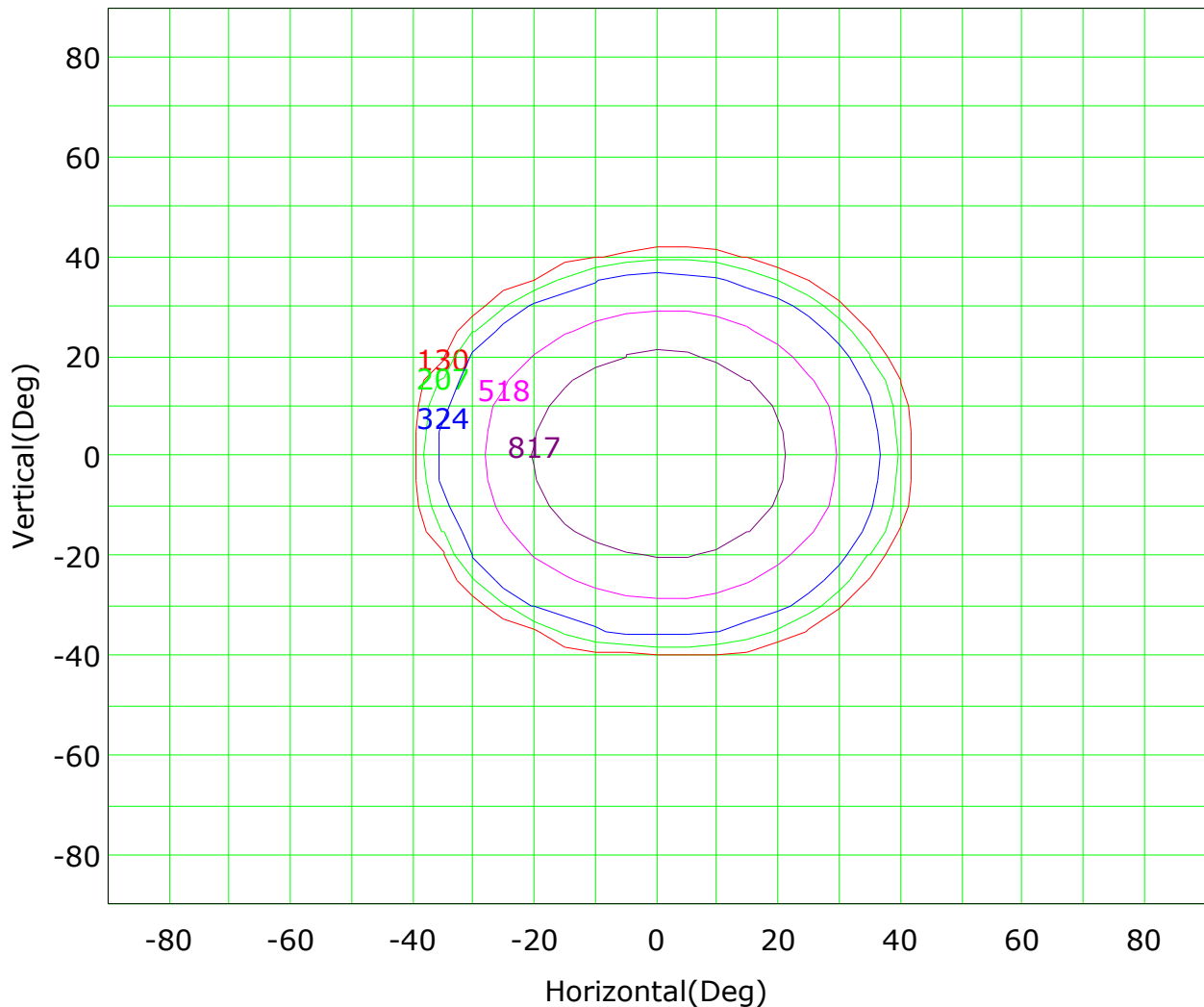
Spacing Criteria (0-180): 0.77
 Spacing Criteria (90-270): 0.78
 Spacing Criteria (Diagonal): 0.80



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:

Isocandela (rectangle)



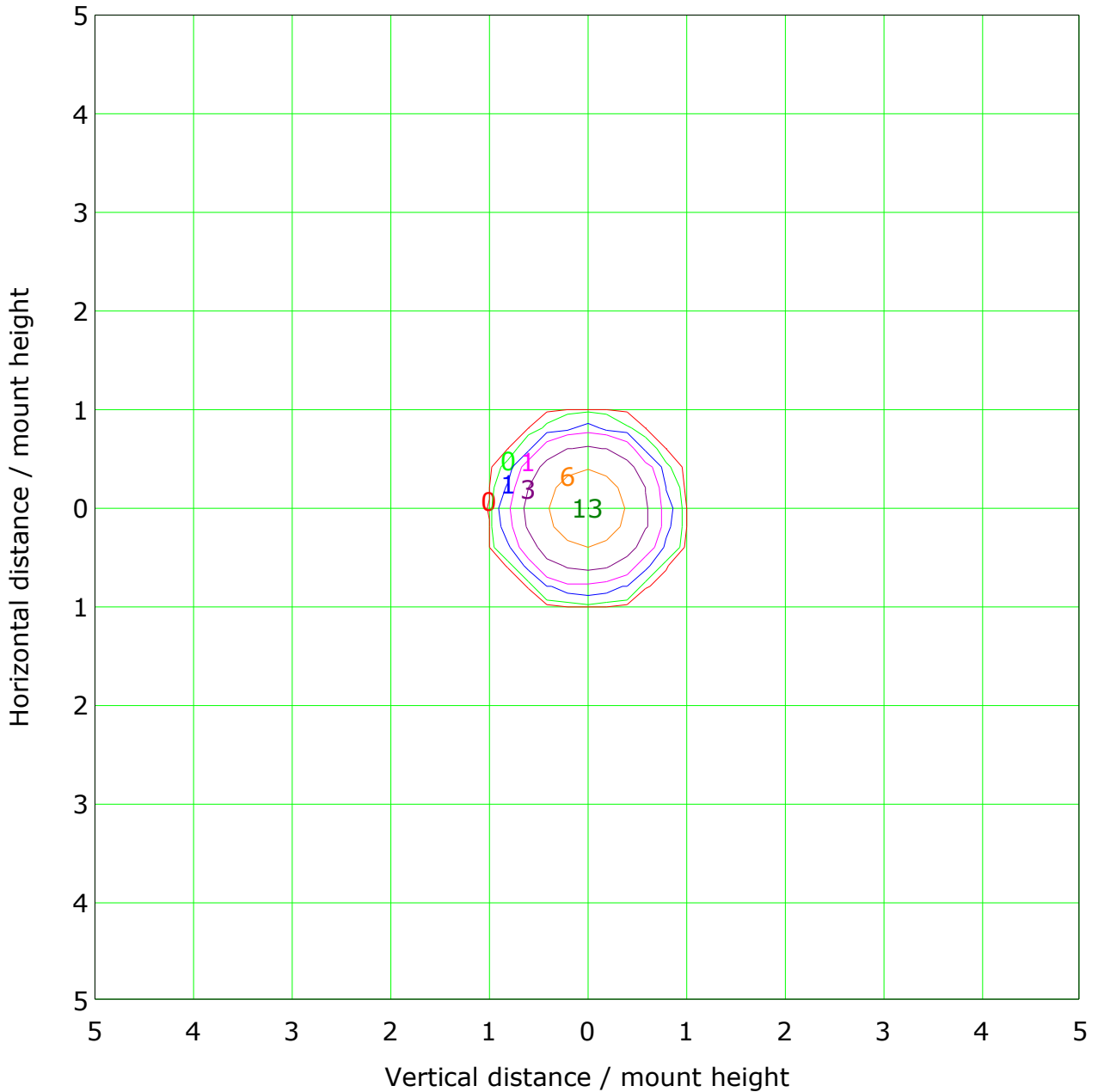
Imax (100%): 1296 cd

— (10%): 130 cd	— (16%): 207 cd
— (25%): 324 cd	— (40%): 518 cd
— (63%): 817 cd	— (100%): 1296 cd

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:

IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 13.0 lx	
— (1%):	0.1 lx	— (2%):	0.3 lx
— (5%):	0.6 lx	— (10%):	1.3 lx
— (20%):	2.6 lx	— (50%):	6.5 lx
— (100%):	13.0 lx		

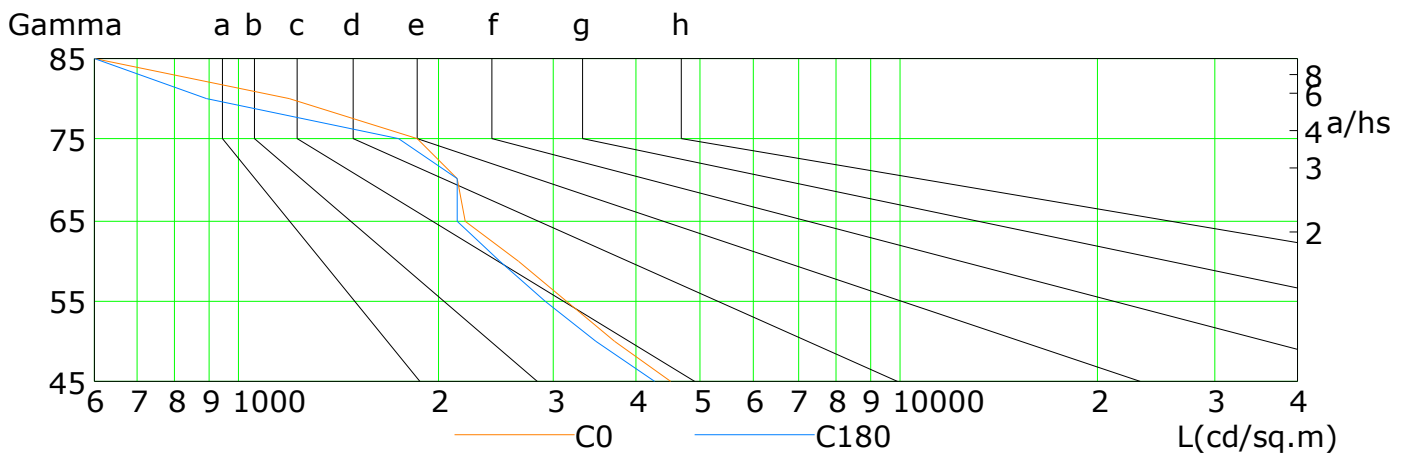
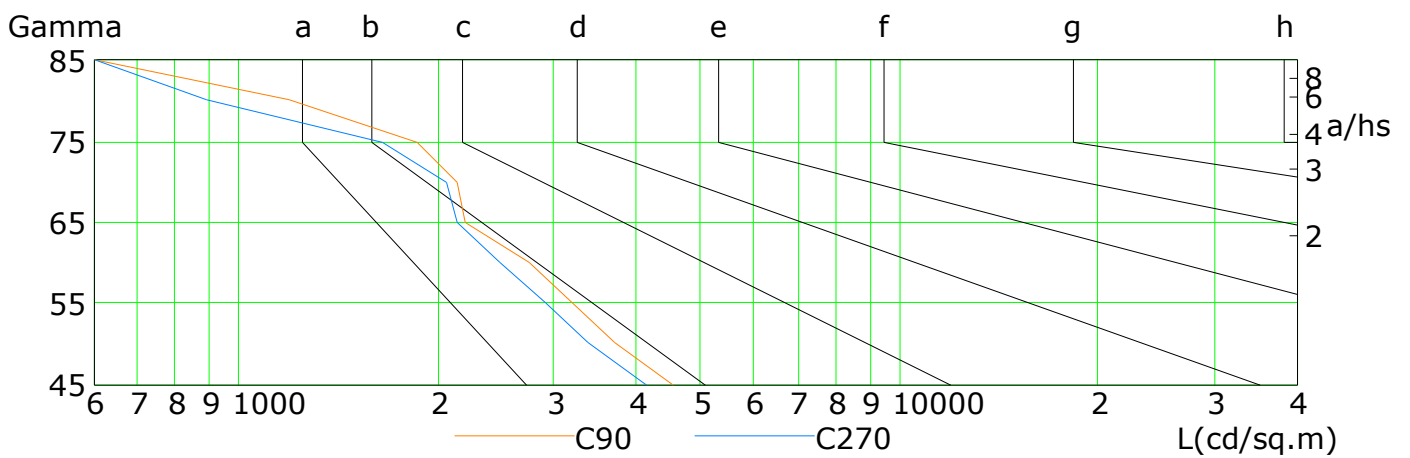
C Plane (°):0.0-360.0: 22.5
 Test Lab: Brasled
 Test Type: TYPE C
 Temperature: 26
 Operator:

Gamma Plane (°):0.0-90.0:5.0
 Test Device: LSG-1200A
 Distance: 1.0 m
 Humidity: 60
 Inspector:

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

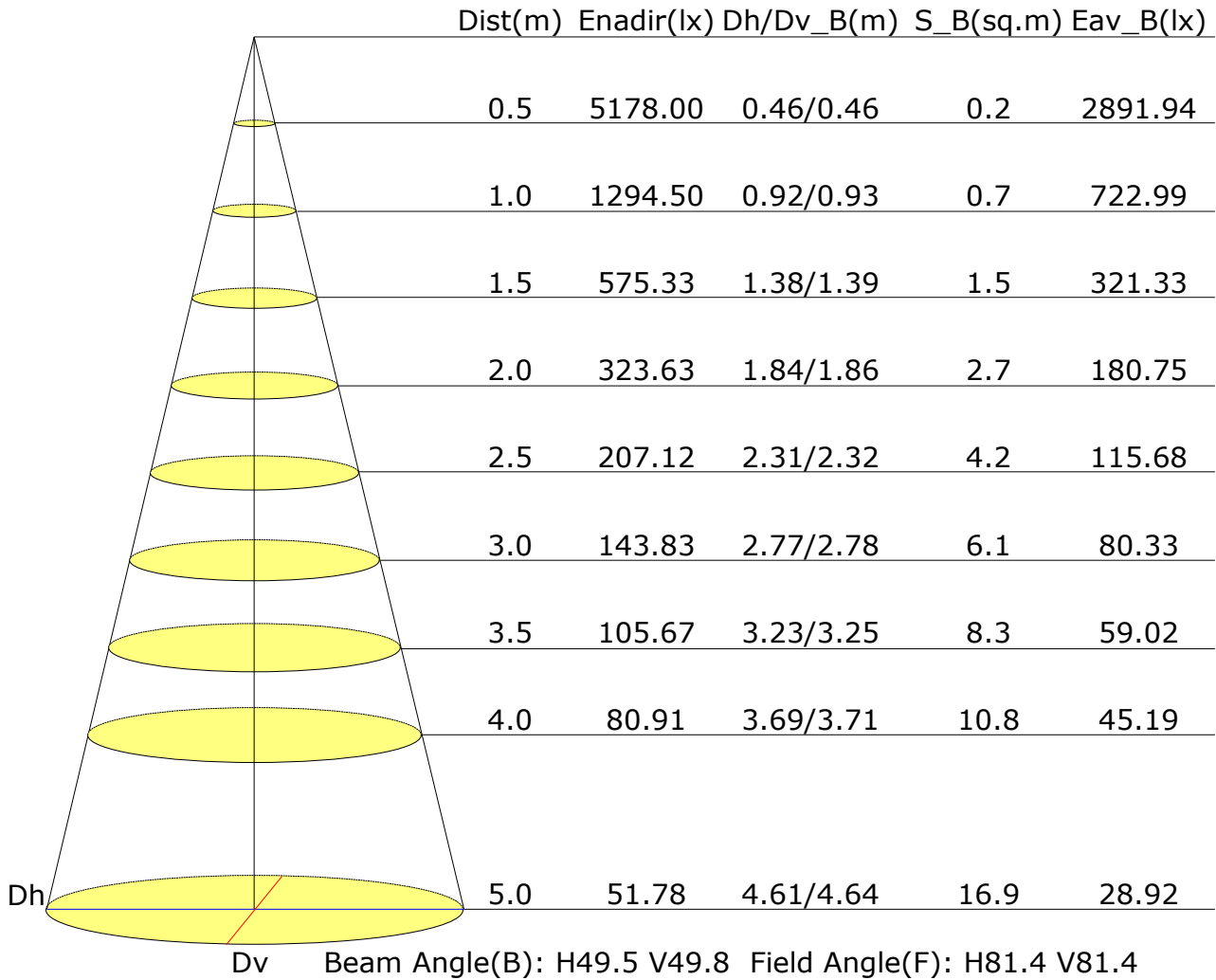


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	4506	3683	3143	2648	2203	2137	1853	1188	0
C90	4545	3683	3191	2758	2203	2137	1853	1188	0
C180	4269	3466	2901	2482	2138	2137	1747	889	0
C270	4150	3380	2901	2482	2138	2059	1645	889	0

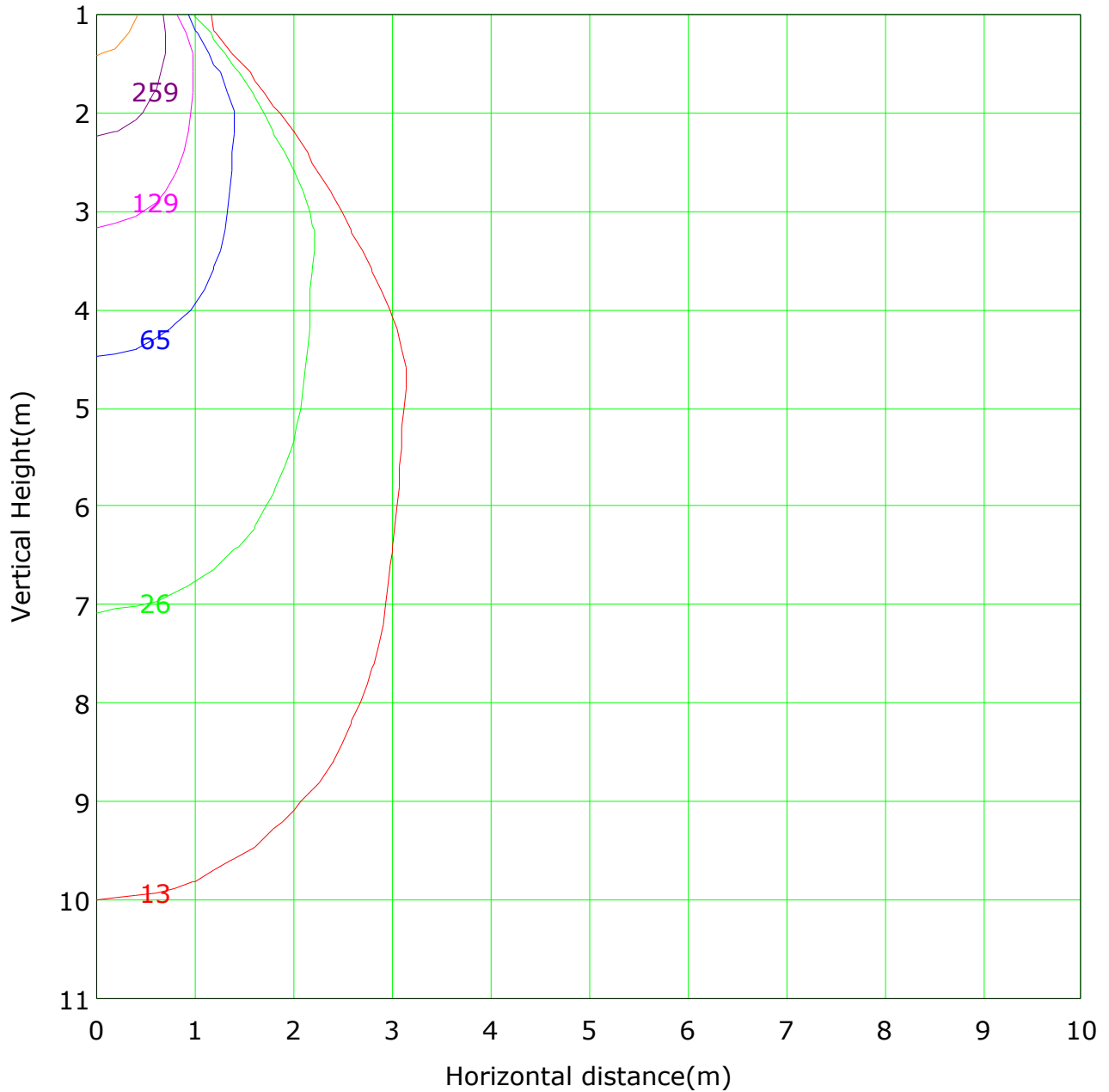
C Plane (°):0.0-360.0: 22.5
 Test Lab: Brasled
 Test Type: TYPE C
 Temperature: 26
 Operator:

Gamma Plane (°):0.0-90.0:5.0
 Test Device: LSG-1200A
 Distance: 1.0 m
 Humidity: 60
 Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1294.5 lx

— (1%): 12.9 lx	— (2%): 25.9 lx
— (5%): 64.7 lx	— (10%): 129.4 lx
— (20%): 258.9 lx	— (50%): 647.3 lx
— (100%):1294.5 lx	

The Average Illuminance Effective Figure

