



Report No.:

Test Time: 12/09/2019 16:57

Luminaire Property

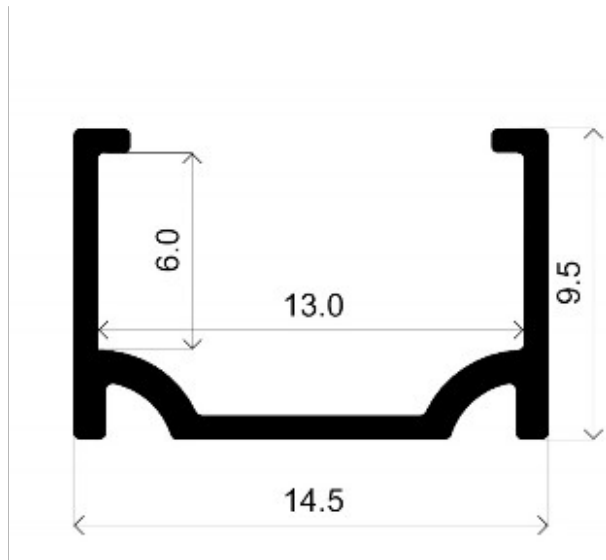
Luminaire Manufacturer: Lighting Line
 Luminaire Description: LLP-AC03-00
 Number of Lamps: 1
 Voltage: 24.0 V
 Power: 12.23 W

Lamp Description: Strip 14,4W/m 60led/m IP67
 Lumens per Lamp: 843 lm
 Current: 0.510 A
 Power Factor: 1.000

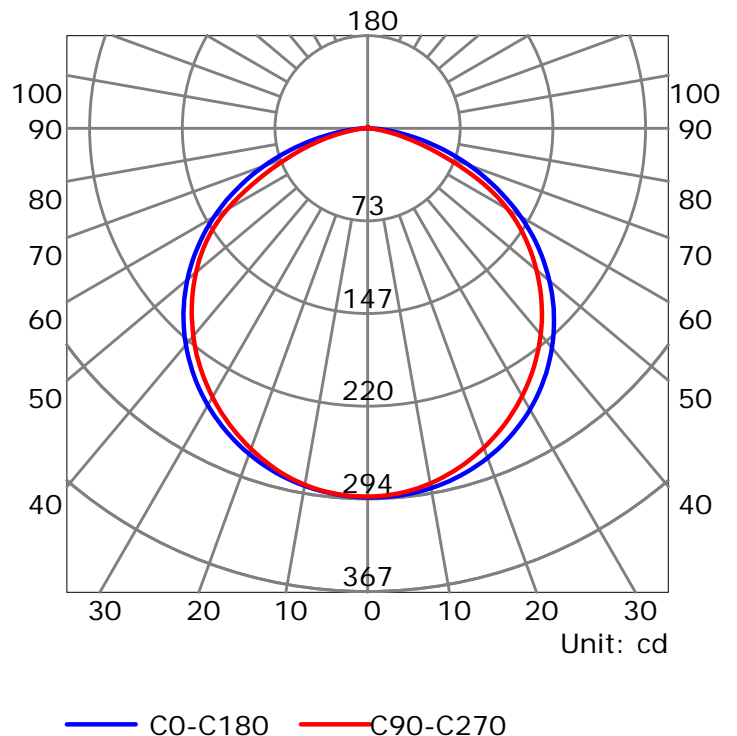
Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 843.0 lm
Measurement Flux: 843.1 lm	Efficiency: 100.01%
Downward Ratio: 99.66%	Upward Ratio: 0.35%
Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 161.7, 154.0, 157.4, 157.6	
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 117.7, 113.5, 115.1, 115.2	
Luminaire Efficacy Rating (LER): 68.98	Central Intensity: 292.87 cd
Max. Intensity: 292.92 cd	Pos of Max. Intensity: H0 V1
S/MH(C0/C180): 1.30	S/MH(C90/C270): 1.25

Picture Of Luminaire



Luminous Intensity Distribution Curve

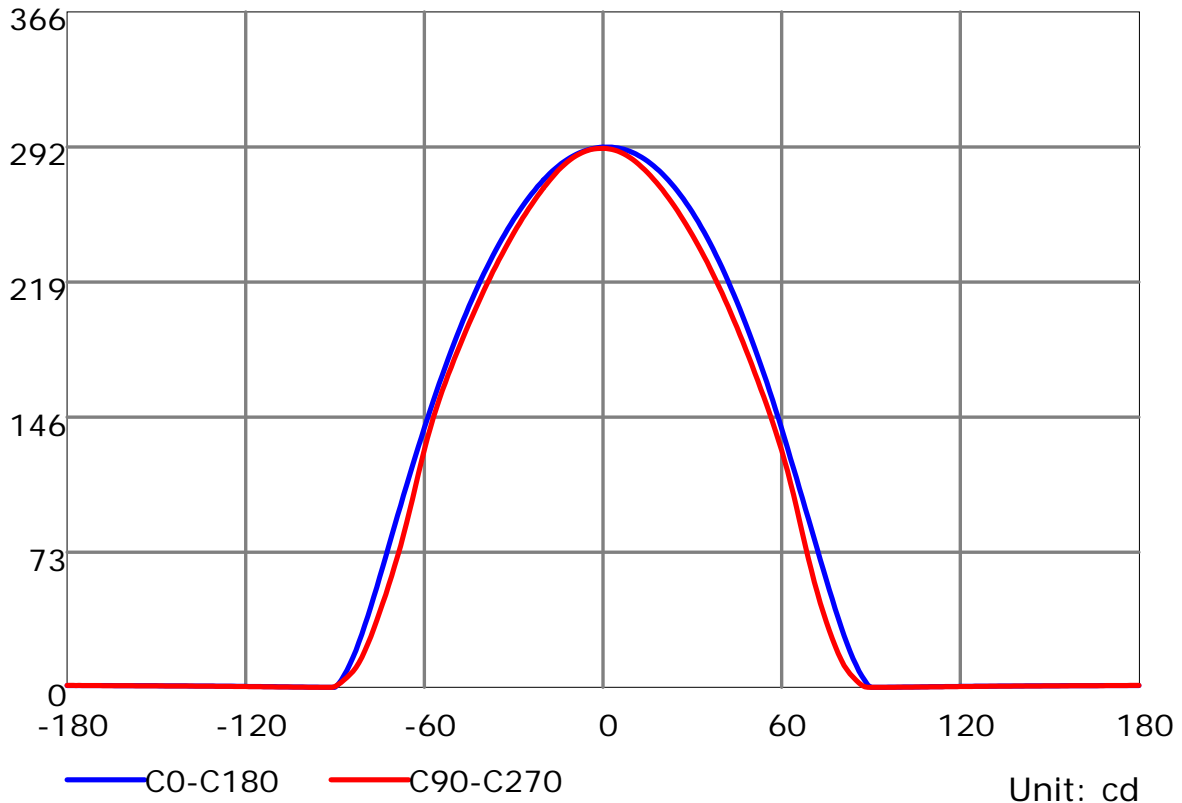
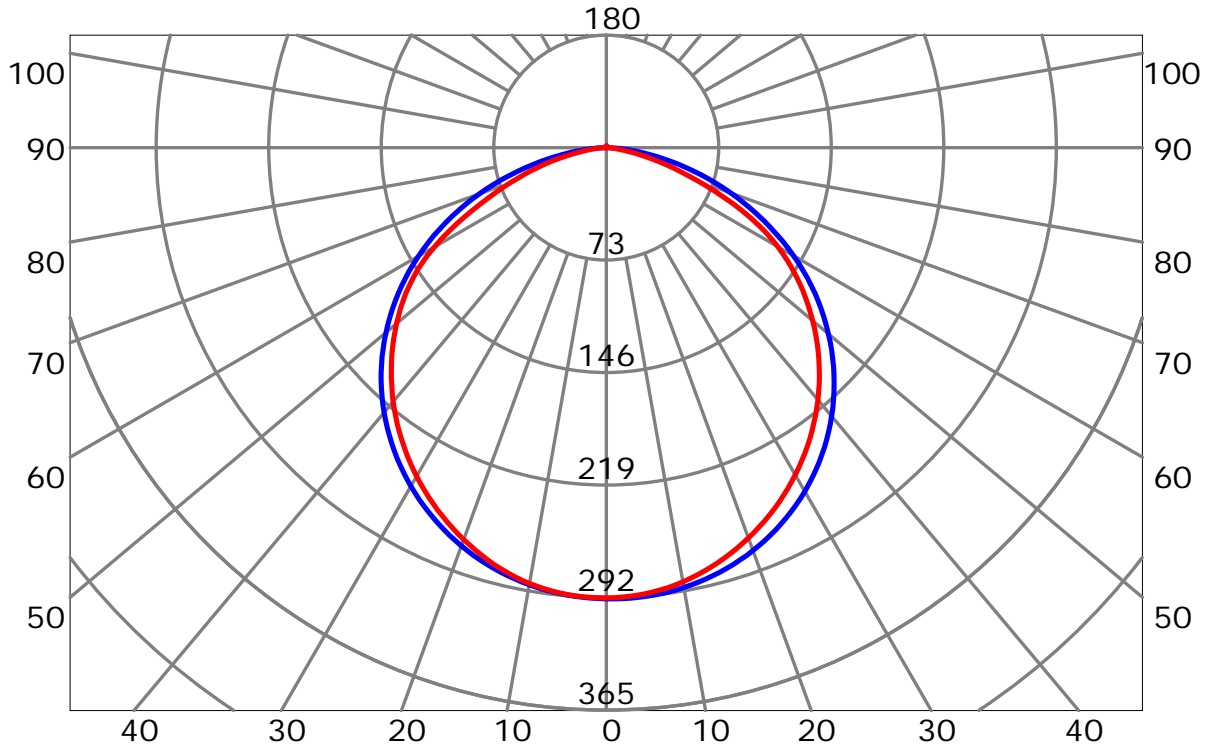


C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-2000
 Distance: 7.970 m
 Humidity:
 Inspector:



Luminous Intensity Distribution Curve

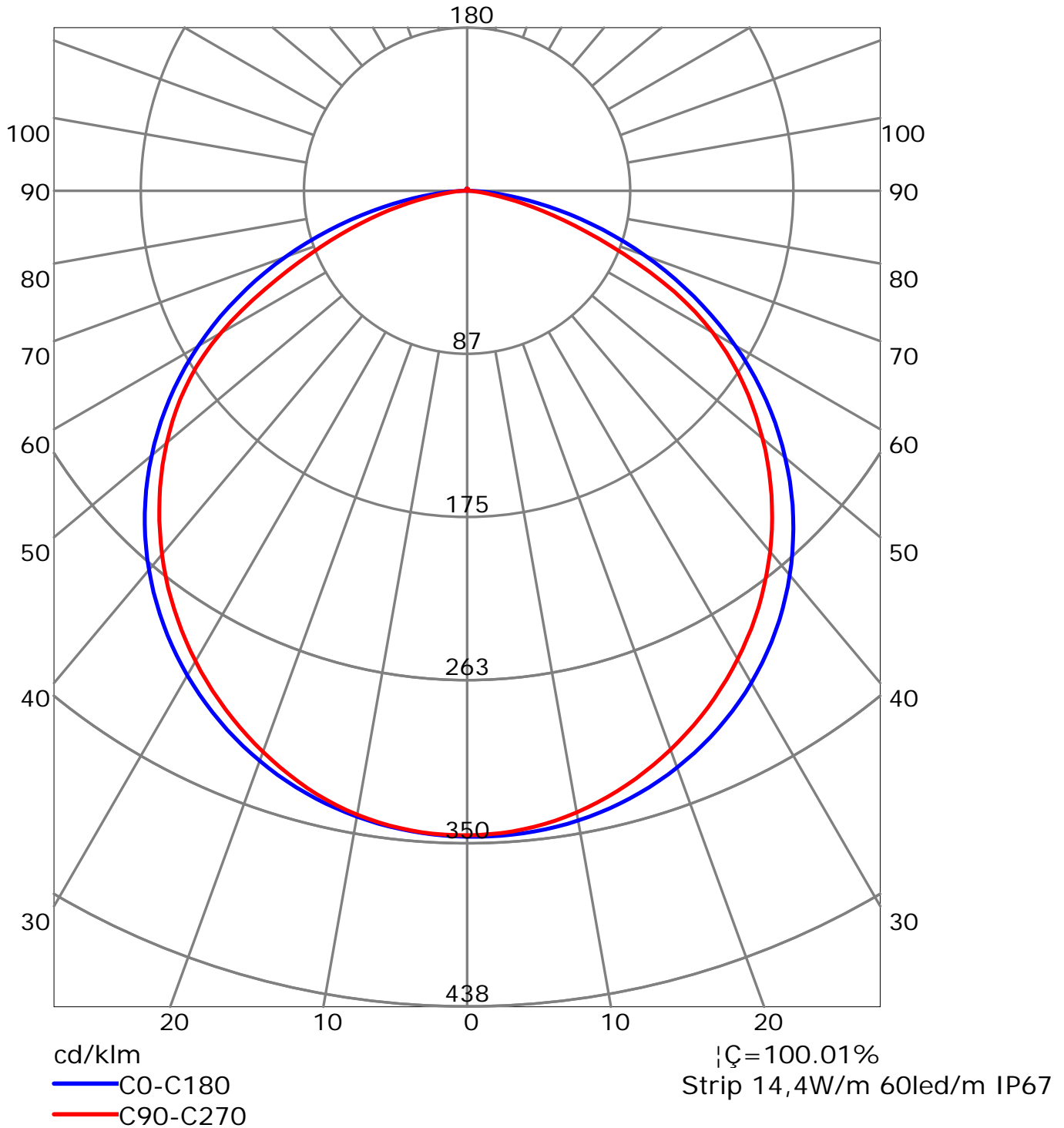


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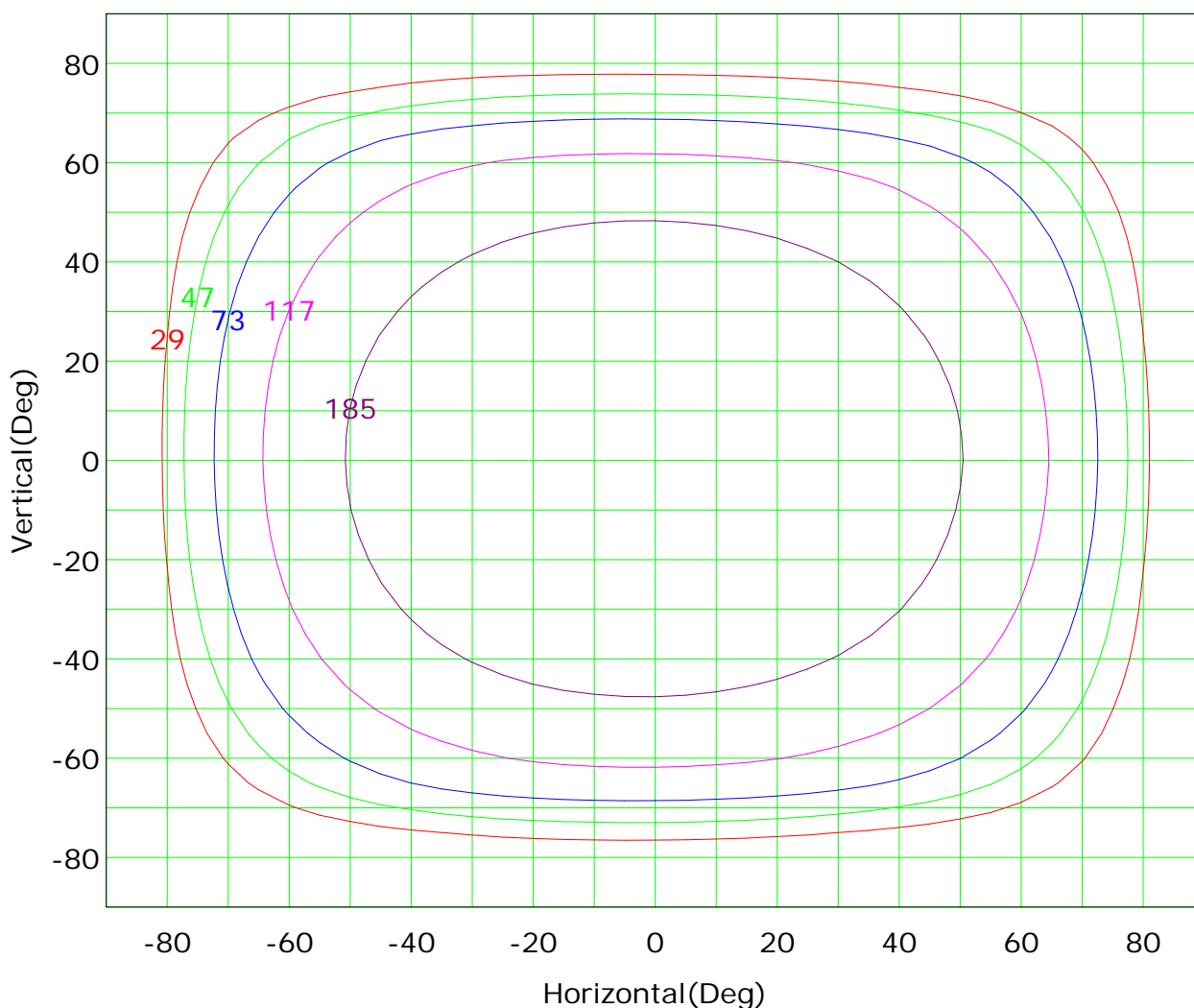
Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 10.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-2000
Distance: 7.970 m
Humidity:
Inspector:

Isocandela (rectangle)



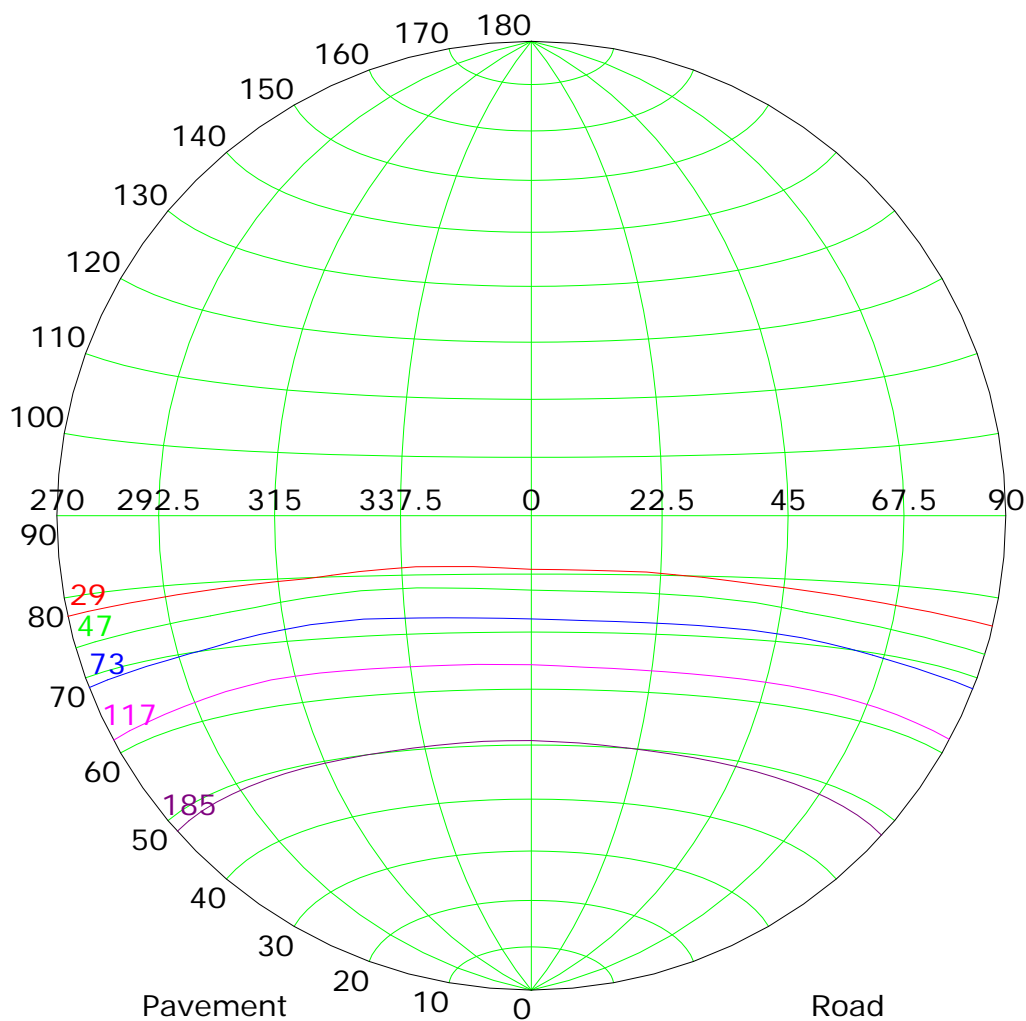
Imax (100%): 293 cd

- | | | | |
|-----------|--------|-----------|--------|
| — (10%): | 29 cd | — (16%): | 47 cd |
| — (25%): | 73 cd | — (40%): | 117 cd |
| — (63%): | 185 cd | — (100%): | 293 cd |

C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-2000
 Distance: 7.970 m
 Humidity:
 Inspector:

Isocandela (sphere)



Imax (100%): 293 cd

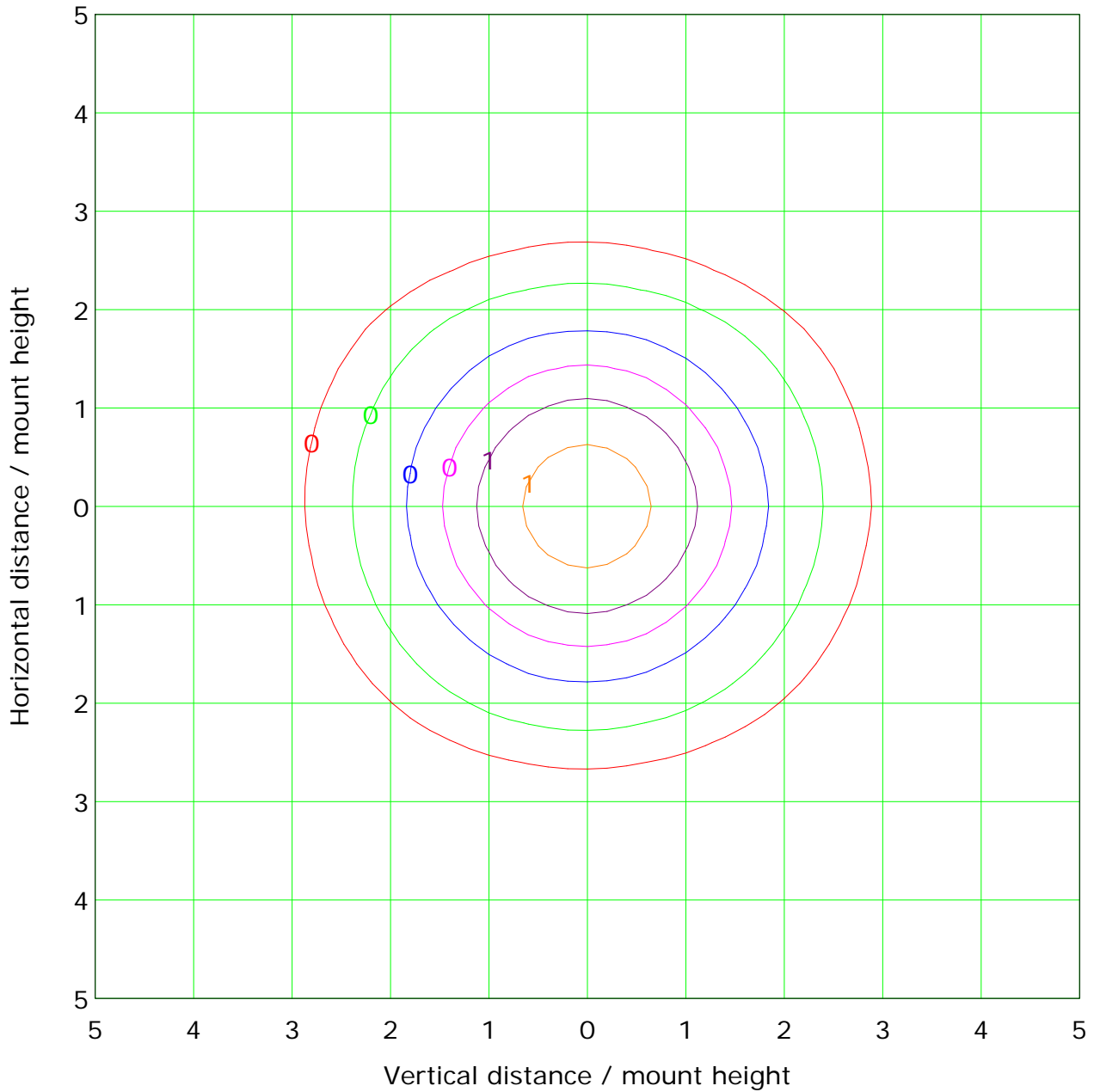
— (10%):	29 cd	— (16%):	47 cd
— (25%):	73 cd	— (40%):	117 cd
— (63%):	185 cd	— (100%):	293 cd

C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-2000
 Distance: 7.970 m
 Humidity:
 Inspector:



IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 2.9 lx	
— (1%):	0.0 lx	— (2%):	0.1 lx
— (5%):	0.1 lx	— (10%):	0.3 lx
— (20%):	0.6 lx	— (50%):	1.5 lx
— (100%):	2.9 lx		

C Plane (°):0.0-360.0: 10.0
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 Test Device: GPM-2000
 Distance: 7.970 m
 Humidity:
 Inspector:



Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
		a	b	c	d	e	f	g	h
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



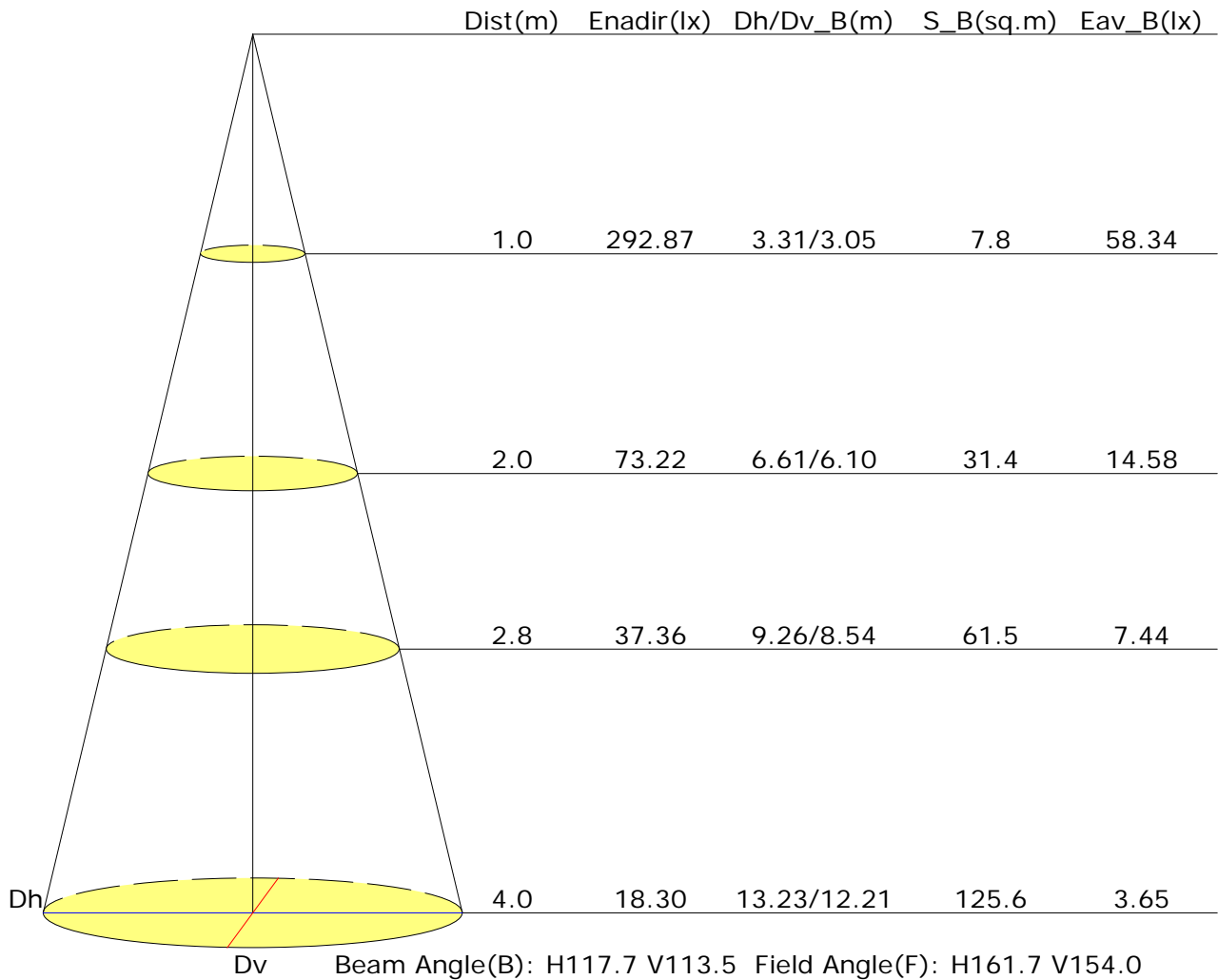
L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	209	188	166	140	113	86	58	33	12
C90	195	175	153	129	98	64	36	15	4
C180	207	187	165	141	115	88	60	34	13
C270	197	178	156	129	95	66	41	20	7

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 Test Device: GPM-2000
 Distance: 7.970 m
 Humidity:
 Inspector:

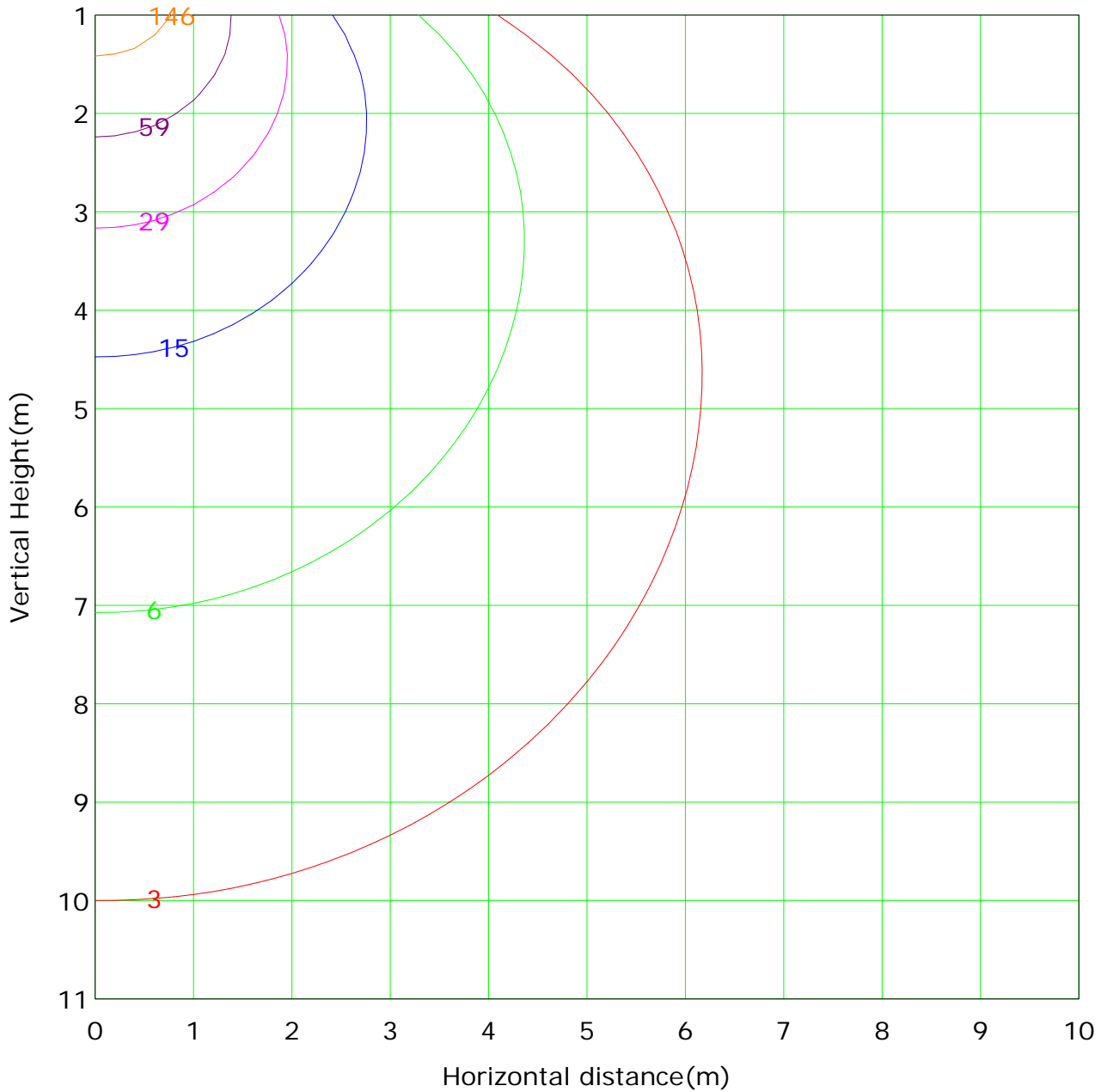


Illuminance at a Distance





Vertical IsoLux Plot



Lowest(m): 1.0m	Highest(m): 11.0m	Max Lux: 292.9 lx
— (1%): 2.9 lx	— (2%): 5.9 lx	
— (5%): 14.6 lx	— (10%): 29.3 lx	
— (20%): 58.6 lx	— (50%): 146.4 lx	
— (100%): 292.9 lx		

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 Test Device: GPM-2000
 Distance: 7.970 m
 Humidity:
 Inspector: