

Report No.:

Test Time: 12/09/2019 16:57

Luminaire Property

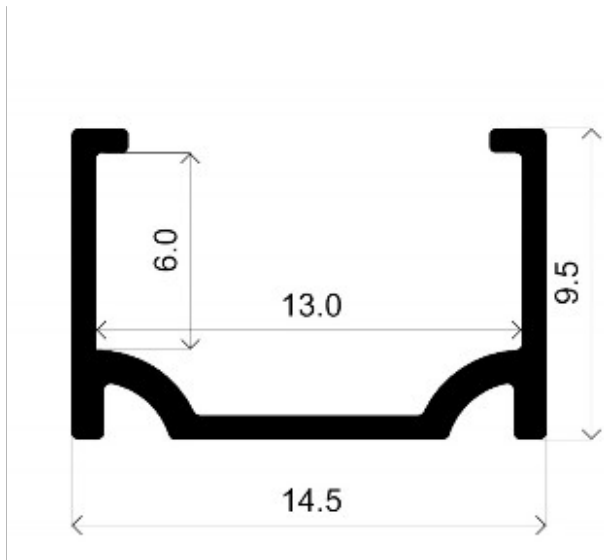
Luminaire Manufacturer: Lighting Line
Luminaire Description: LLP-AC03-00
Number of Lamps: 1
Voltage: 24.0 V
Power: 12.23 W

Lamp Description: L52-600-60822
Lumens per Lamp: 843 lm
Current: 0.510 A
Power Factor: 1.000

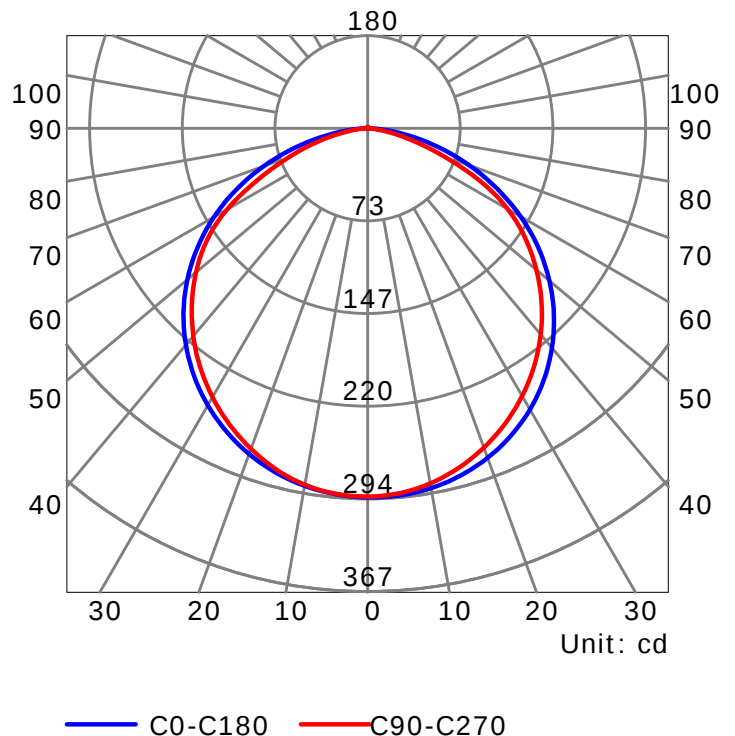
Photometric Results

CIE Class: Direct
Measurement Flux: 843.1 lm
Downward Ratio: 99.66%
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
Max. Intensity: 292.92 cd
S/MH(C0/C180): 1.30
Total Rated Lamp Lumens: 843.0 lm
Efficiency: 100.01%
Upward Ratio: 0.35%
Central Intensity: 292.87 cd
Pos of Max. Intensity: H0 V1
S/MH(C90/C270): 1.25

Picture Of Luminaire



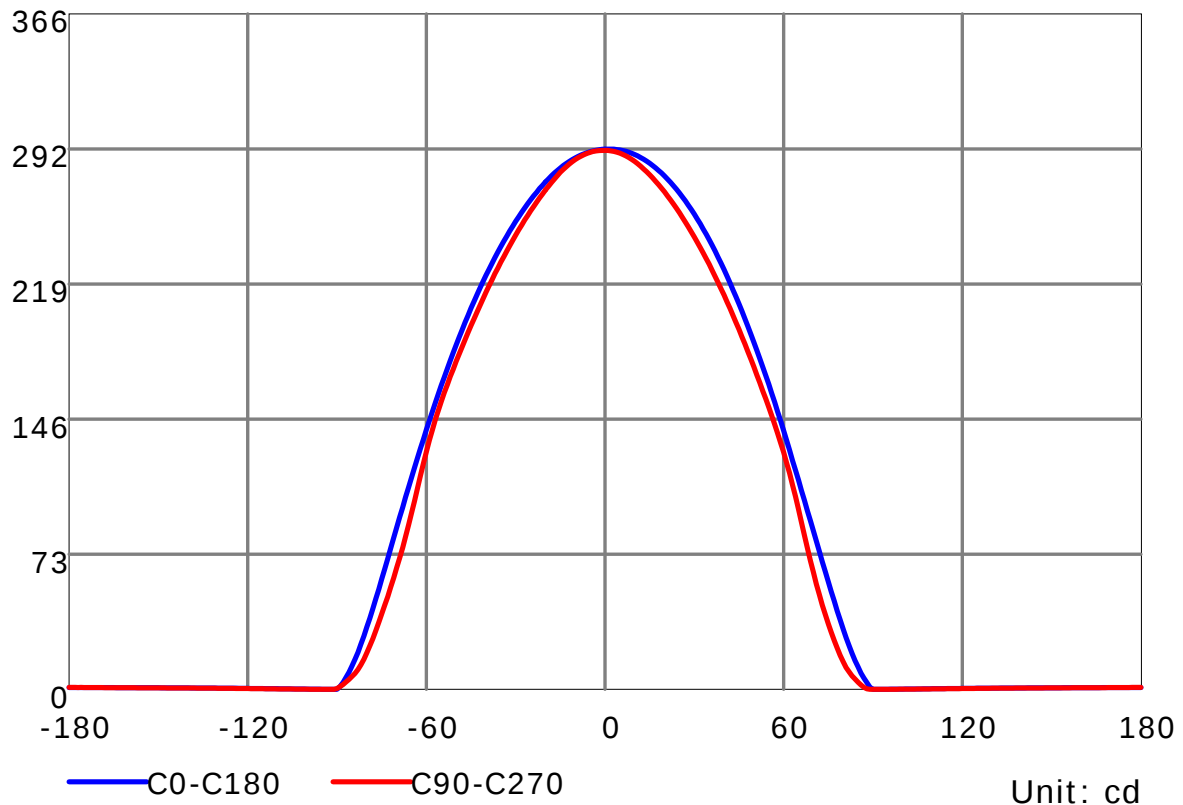
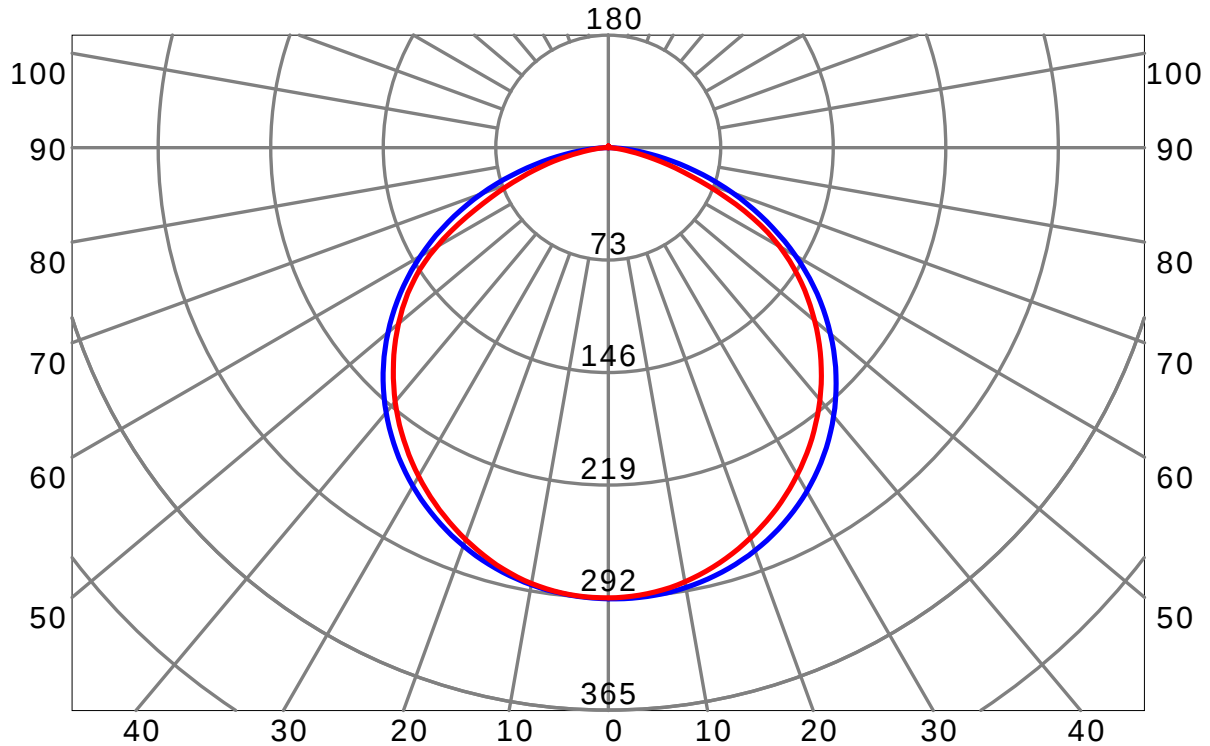
Luminous Intensity Distribution Curve



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:

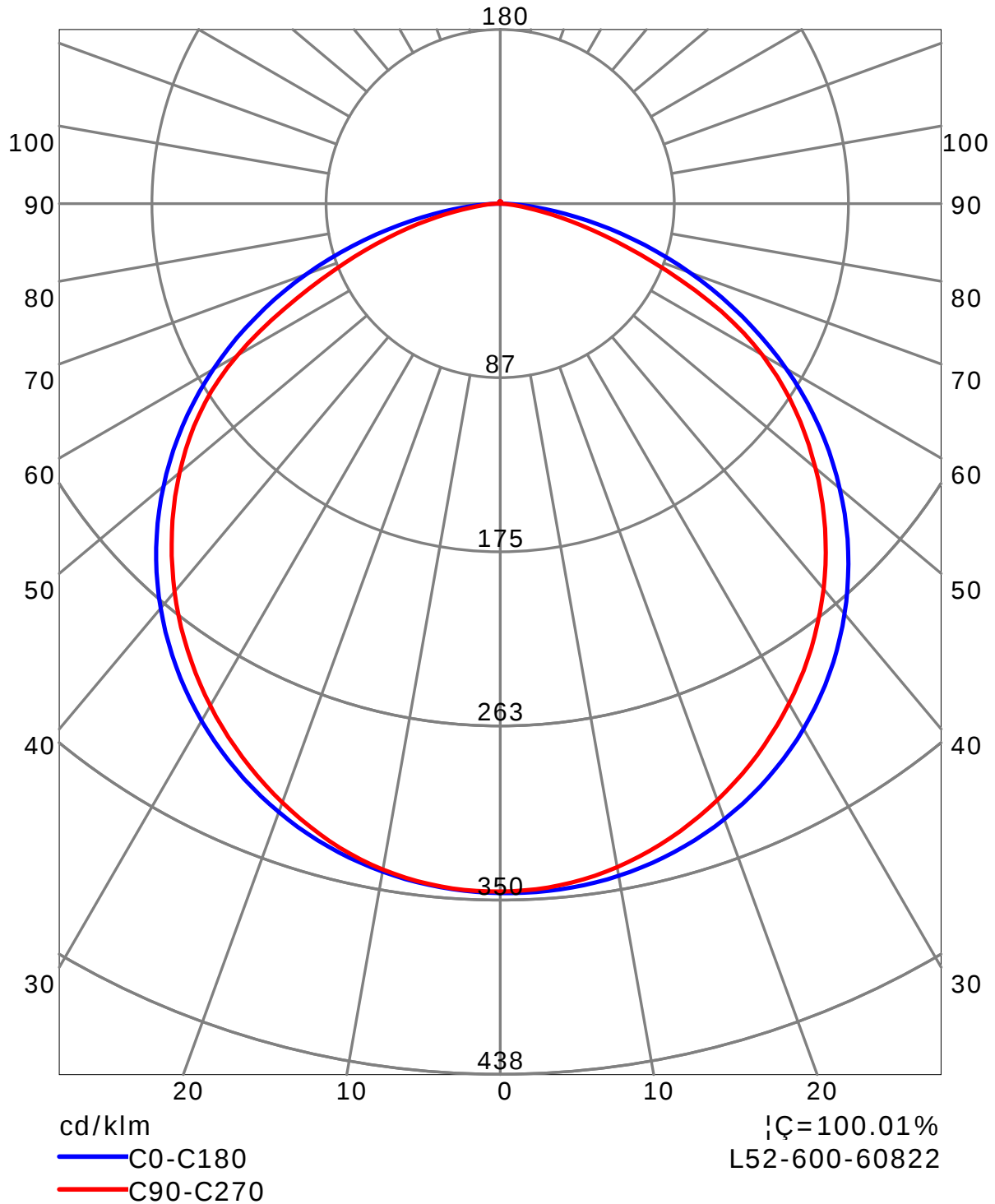
Luminous Intensity Distribution Curve



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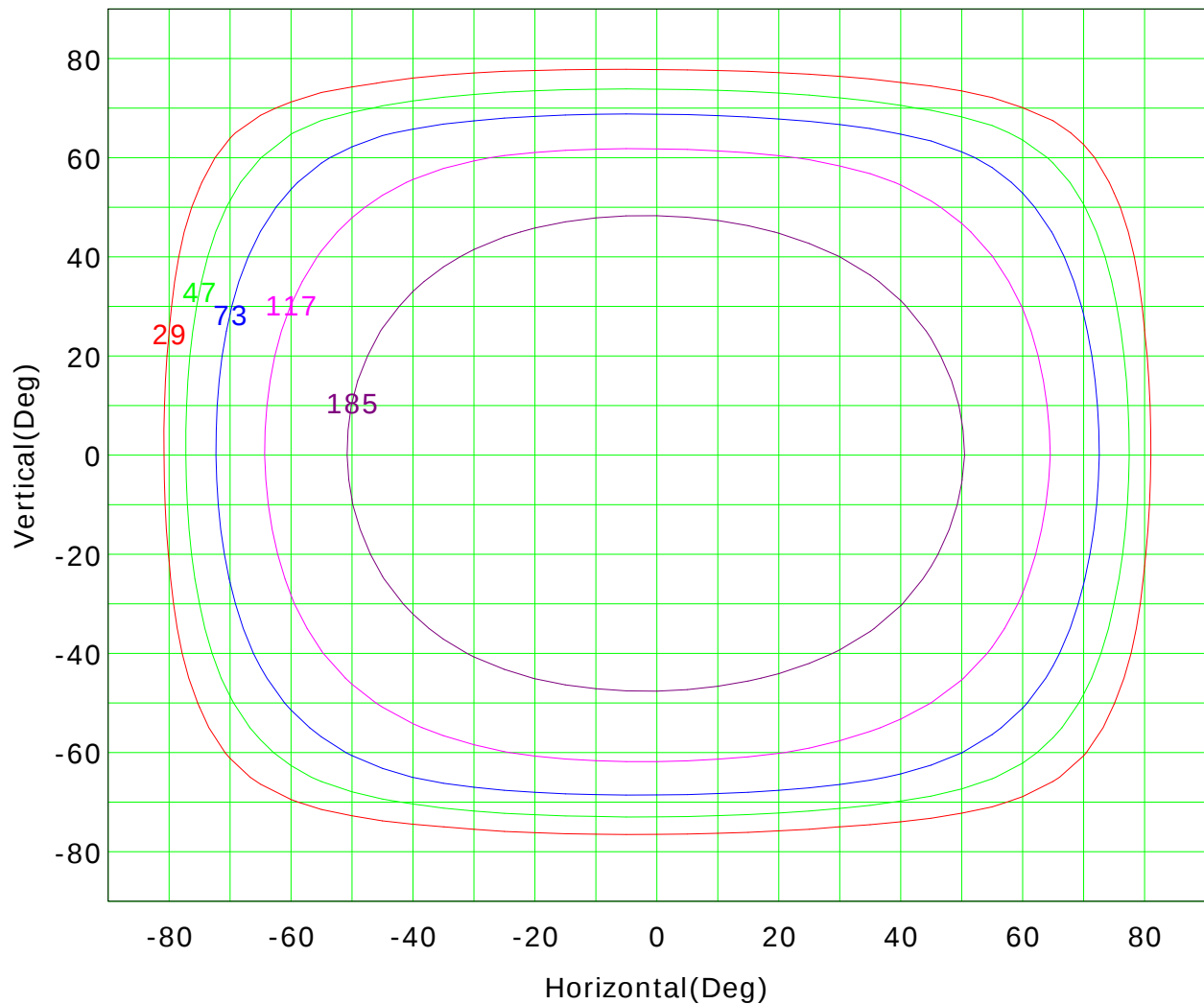
Luminous Intensity Distribution Curve(cd / klm)



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)



I_{max} (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

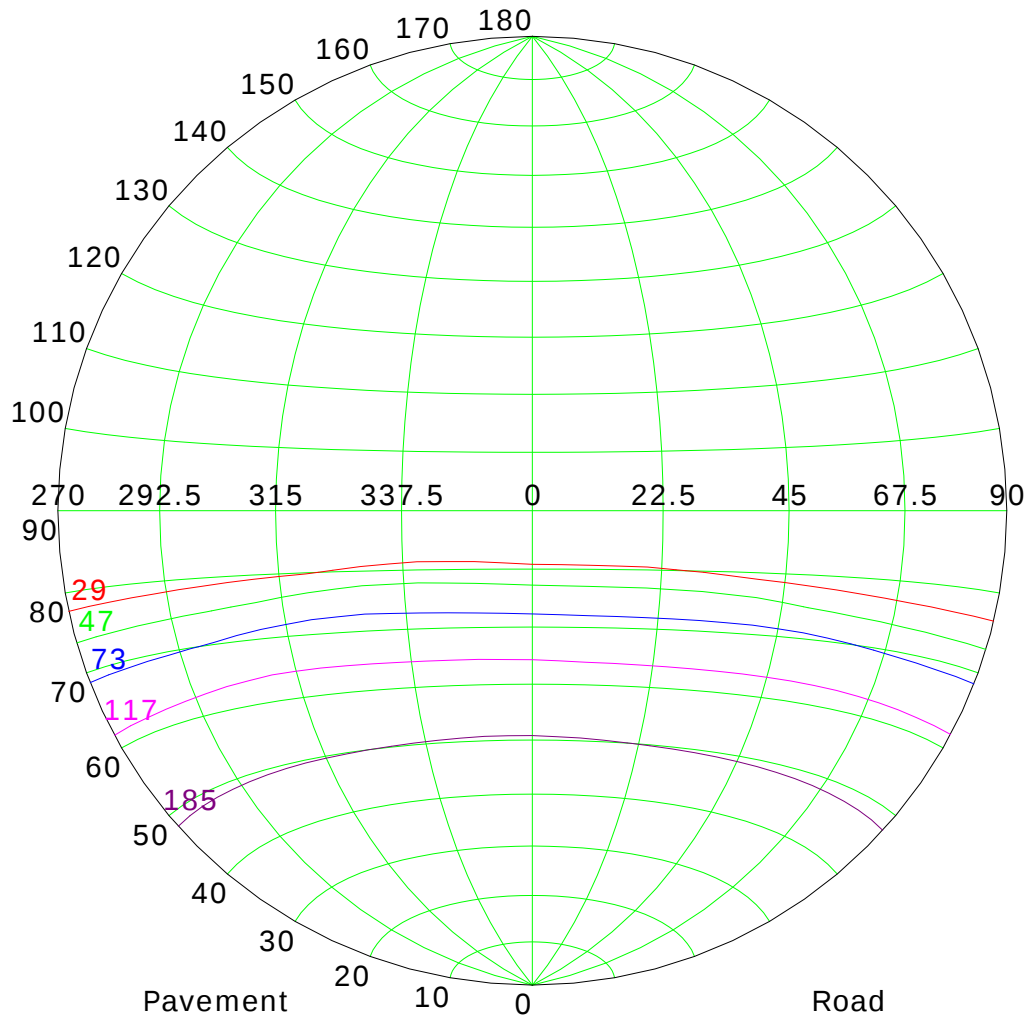
Test Device: GPM-2000

Distance: 7.970 m

Humidity:

Inspector:

Isocandela (sphere)



I_{max} (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

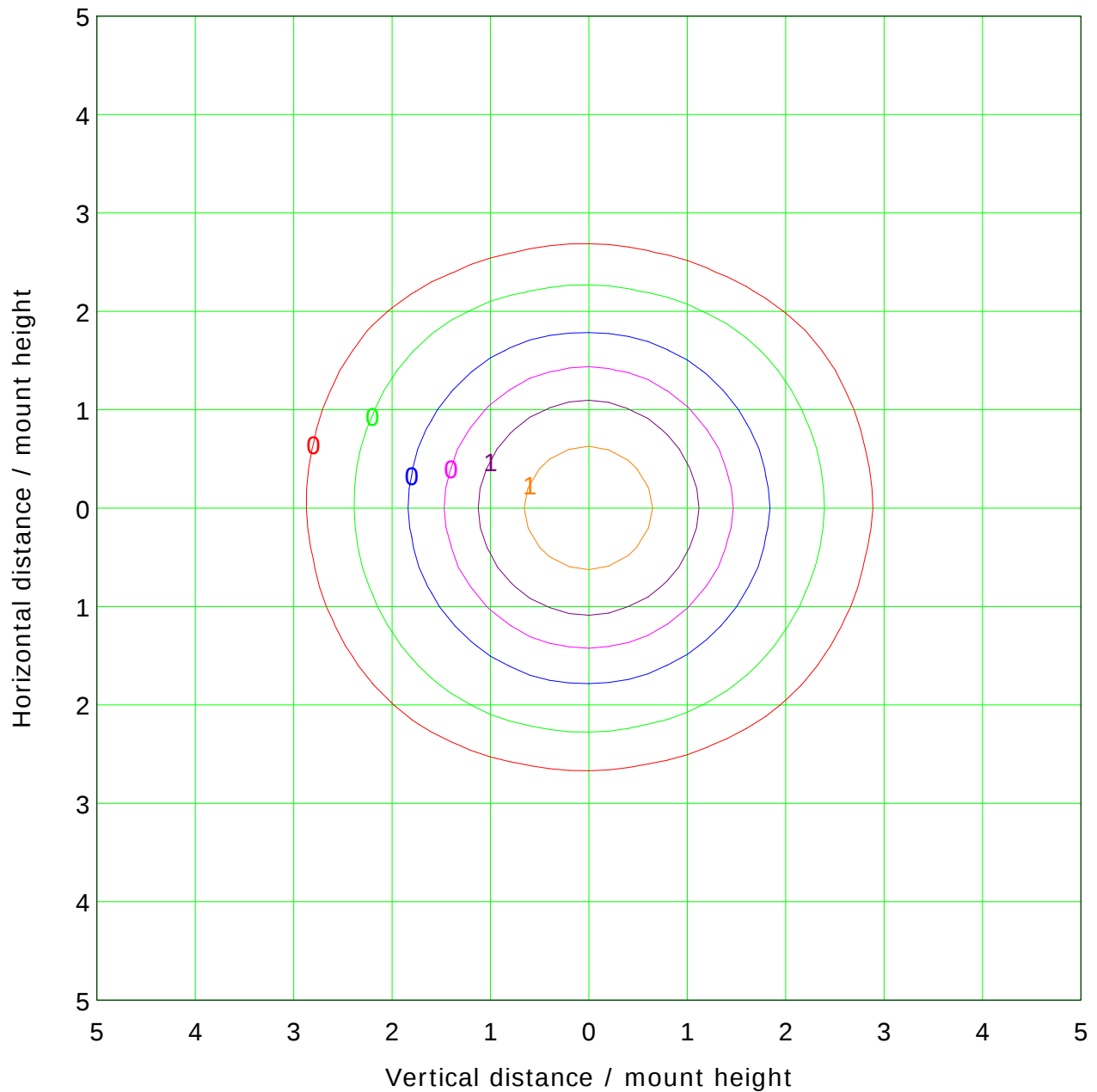
Test Device: GPM-2000

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

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-2000

Distance: 7.970 m

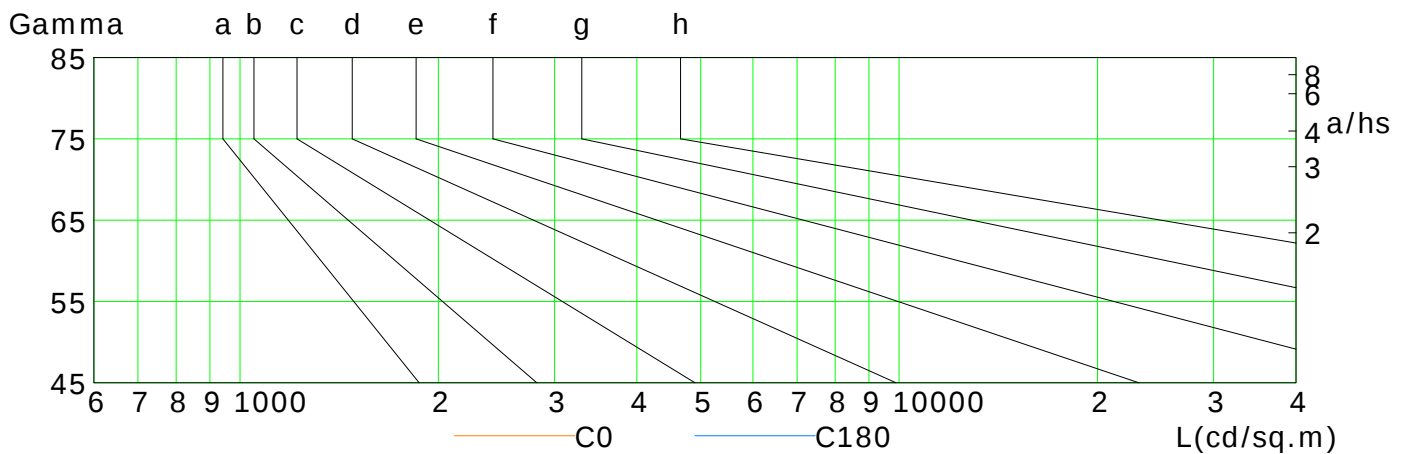
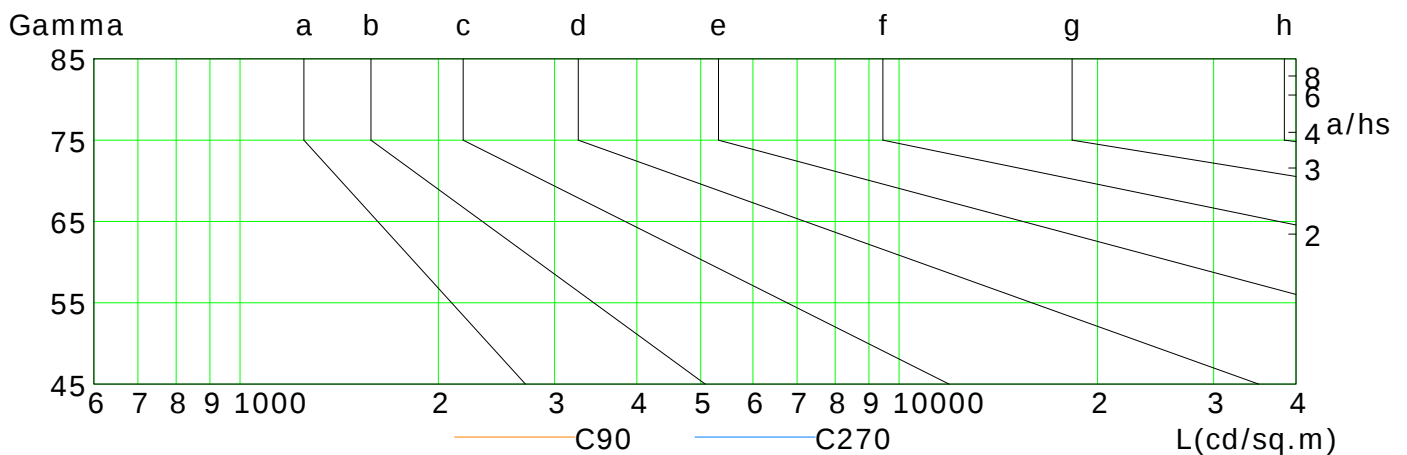
Humidity:

Inspector:

Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
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	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

C Plane (°):0.0-360.0: 10.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

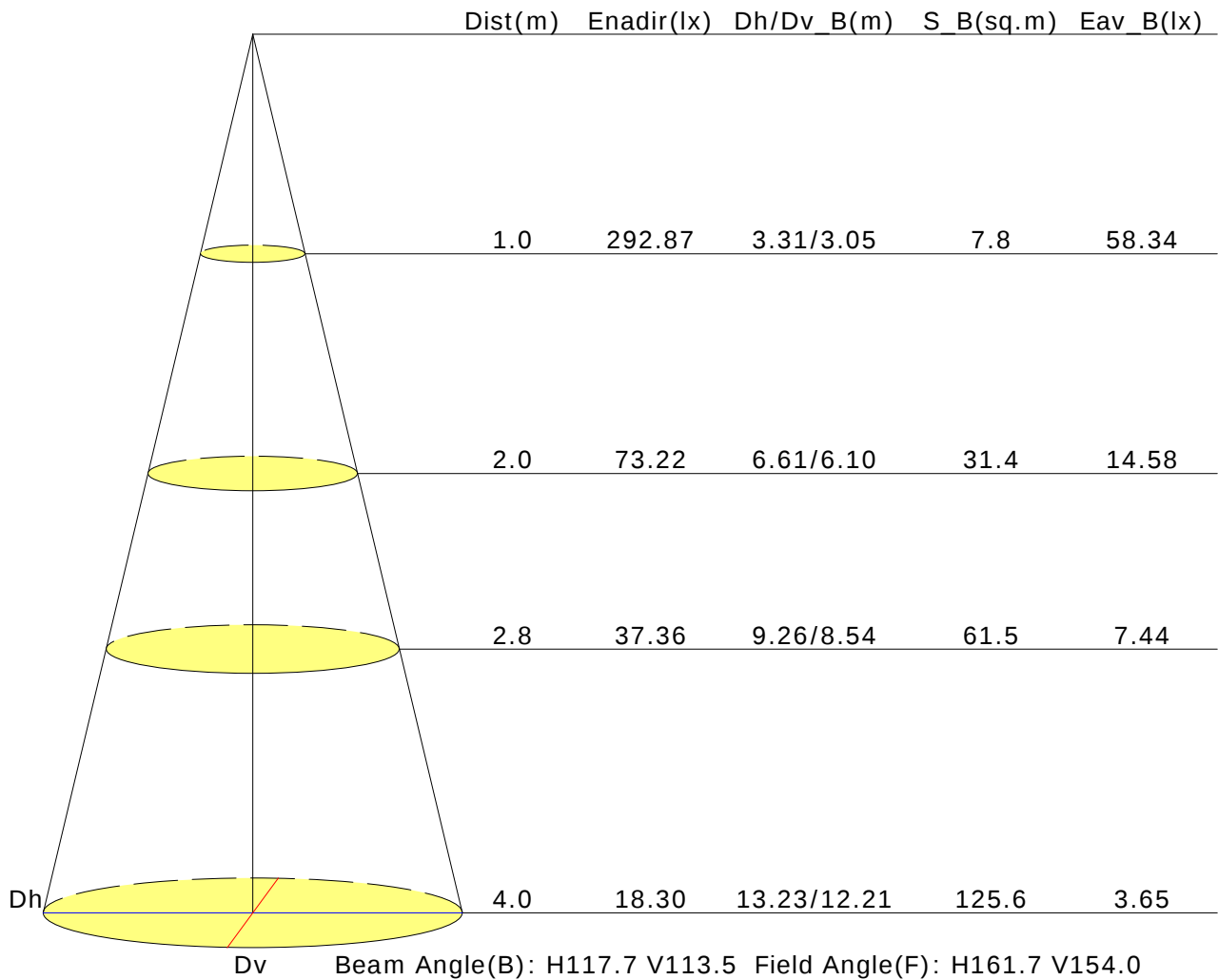
Test Device: GPM-2000

Distance: 7.970 m

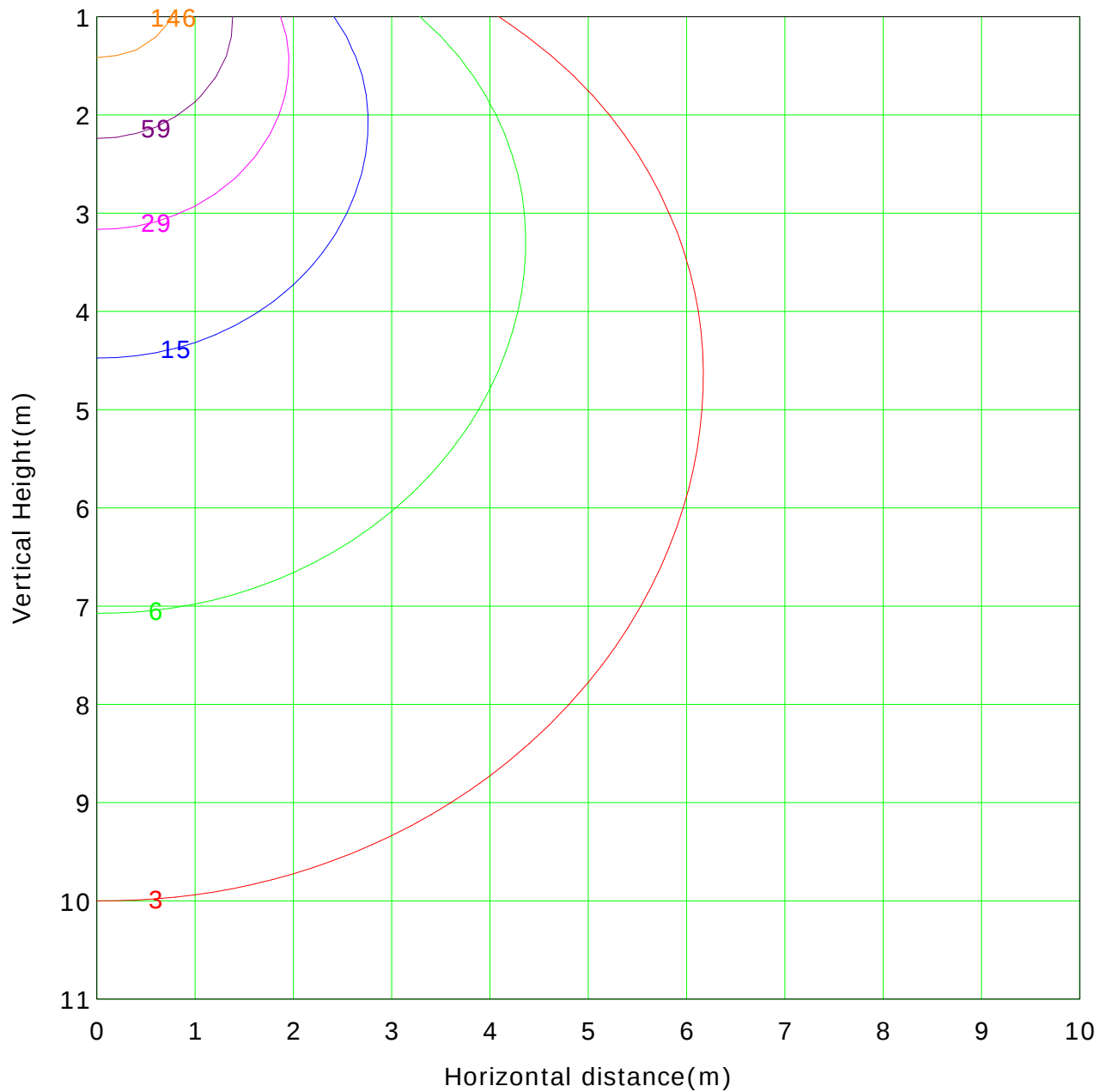
Humidity:

Inspector:

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