

Report No.:

Test Time: 18/09/2019 10:27

Luminaire Property

Luminaire Manufacturer: Lightng Line
Luminaire Description: LLP-WB01-00
Number of Lamps: 1
Voltage: 12.0 V
Power: 7.32 W

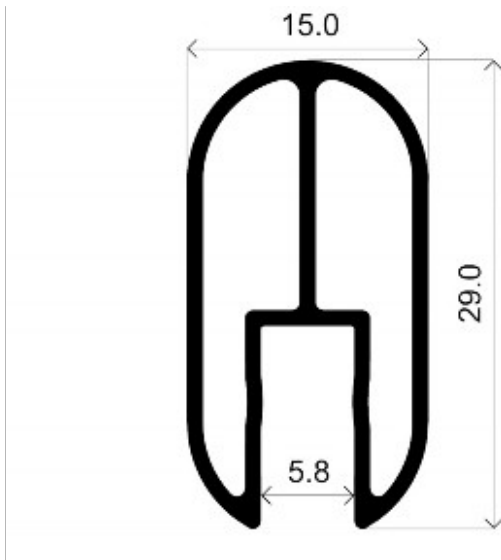
Lamp Description: NEO6-GRE-120811
Lumens per Lamp: 110 lm
Current: 0.610 A
Power Factor: 1.000

Photometric Results

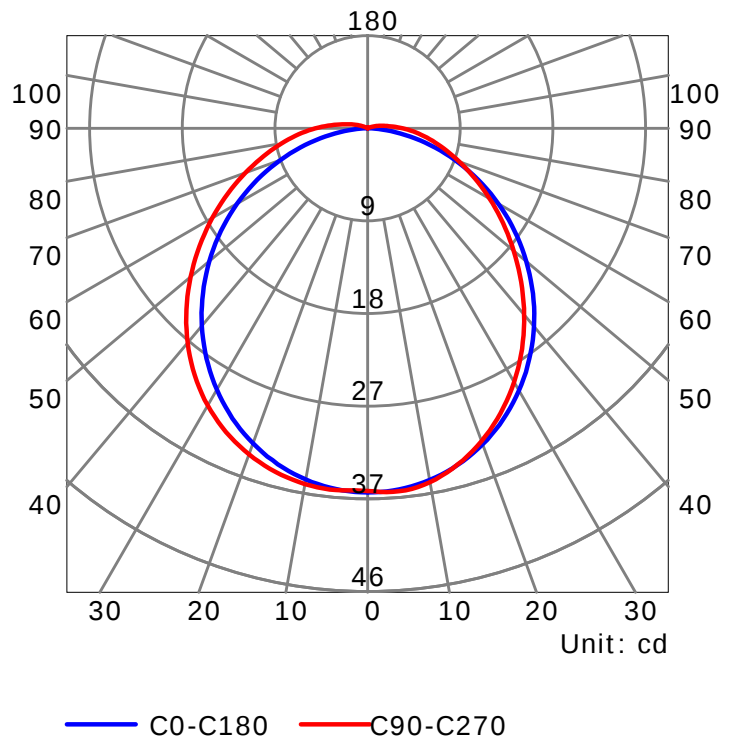
CIE Class: Direct
Measurement Flux: 109.8 lm
Downward Ratio: 97.55%
Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 160.6, 184.6, 175.5, 175.8
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 109.0, 111.1, 110.6, 110.8
Luminaire Efficacy Rating (LER): 15.05
Max. Intensity: 36.59 cd
S/MH(C0/C180): 1.23

Total Rated Lamp Lumens: 110.0 lm
Efficiency: 99.82%
Upward Ratio: 2.27%
Central Intensity: 36.52 cd
Pos of Max. Intensity: H100 V4
S/MH(C90/C270): 1.25

Picture Of Luminaire



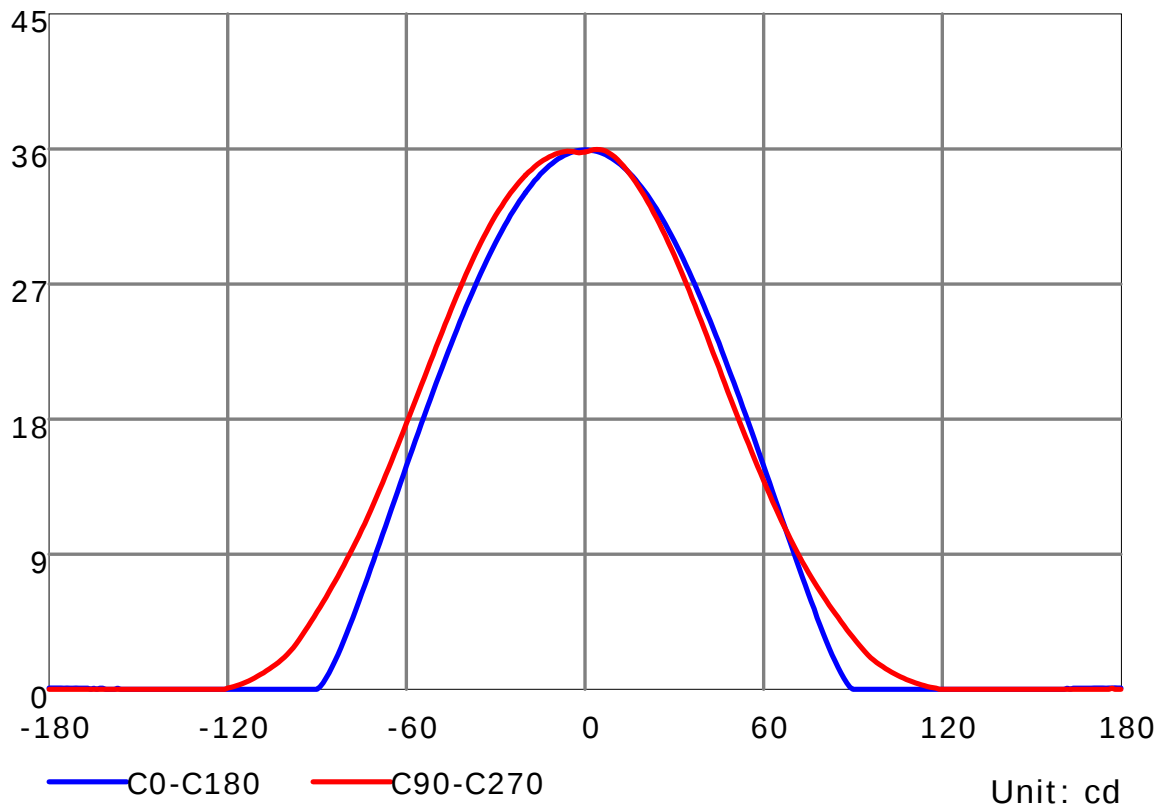
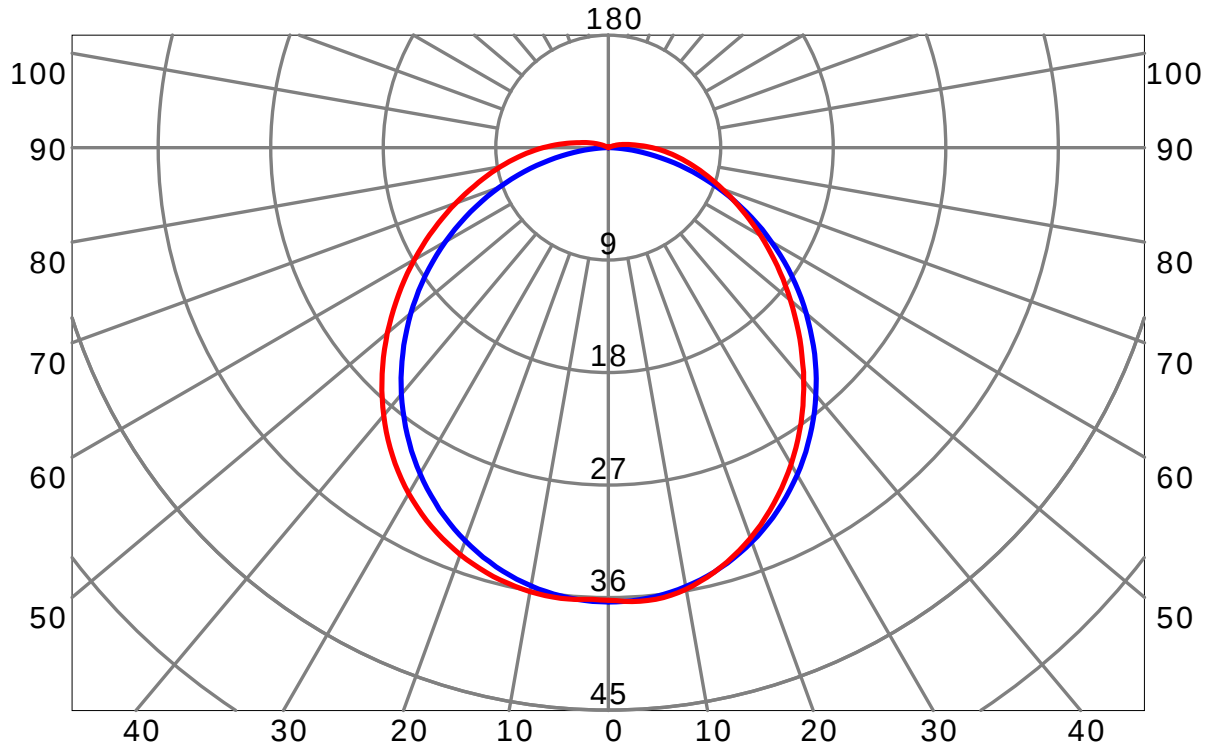
Luminous Intensity Distribution Curve



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



C Plane (°): 0.0-360.0: 10.0

Test Lab:

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Temperature:

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Gamma Plane (°): 0.0-180.0: 1.0

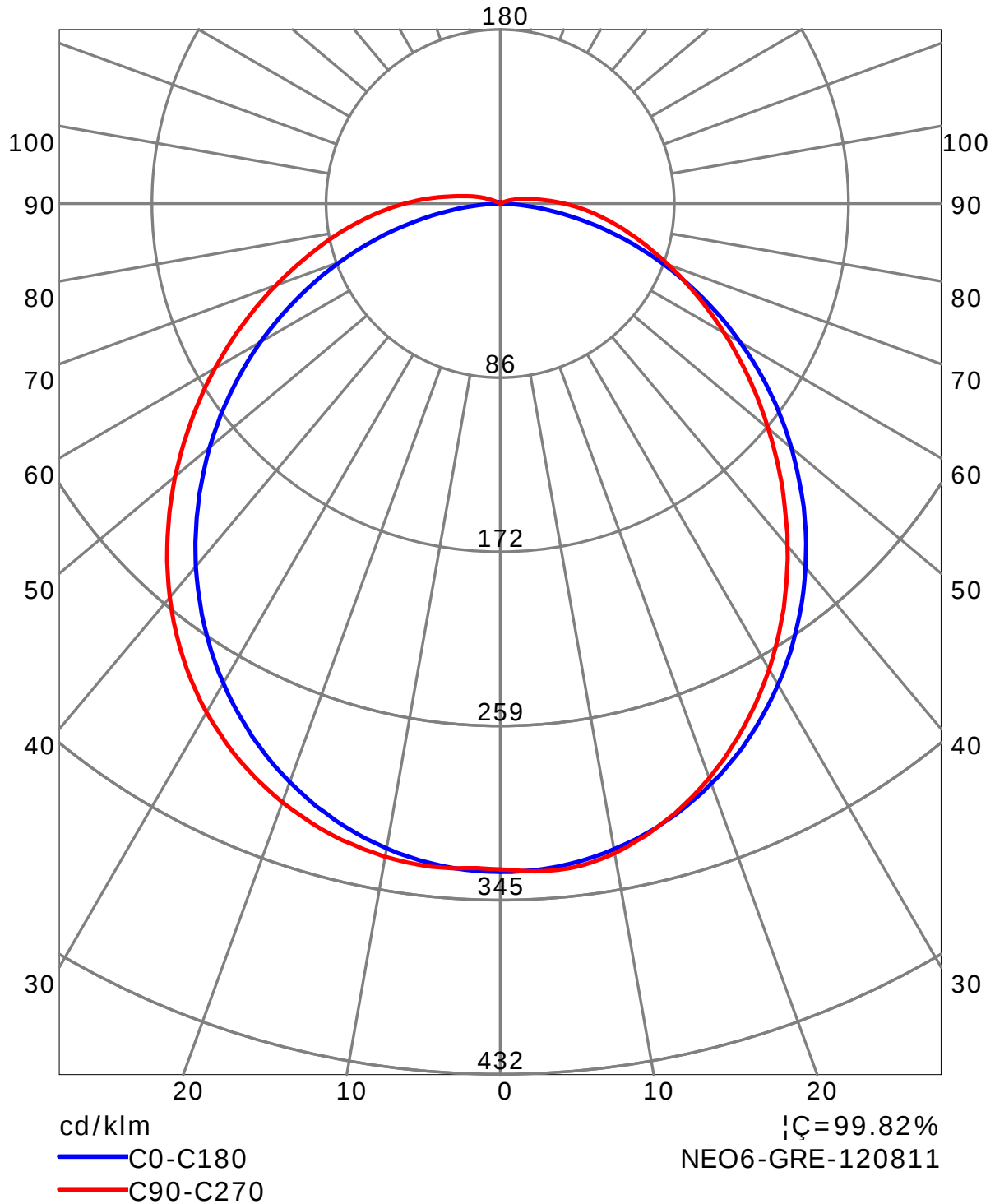
Test Device: GPM-2000

Distance: 7.970 m

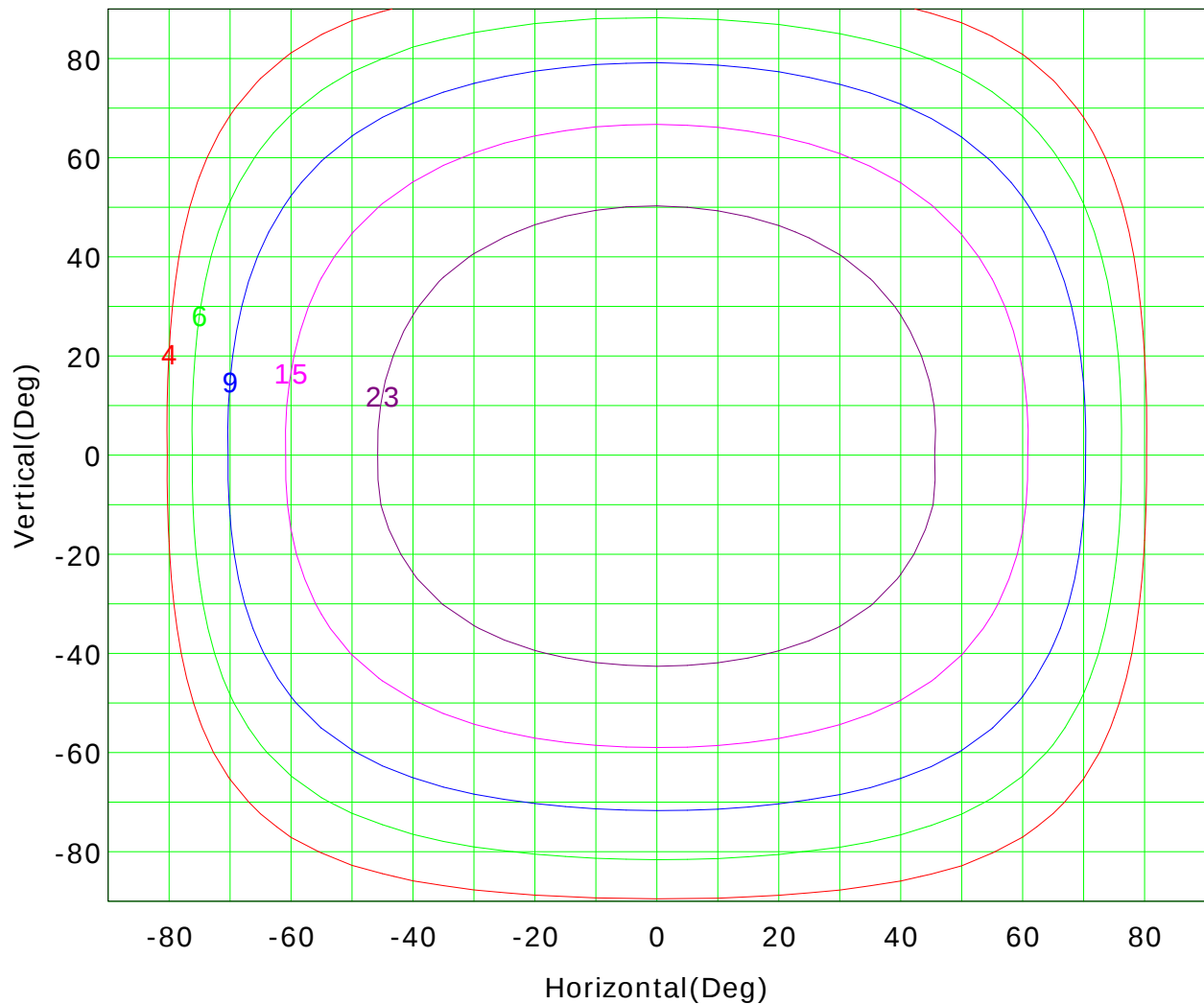
Humidity:

Inspector:

Luminous Intensity Distribution Curve(cd / klm)



Isocandela (rectangle)



I_{max} (100%): 37 cd

(10%):	4 cd	(16%):	6 cd
(25%):	9 cd	(40%):	15 cd
(63%):	23 cd	(100%):	37 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

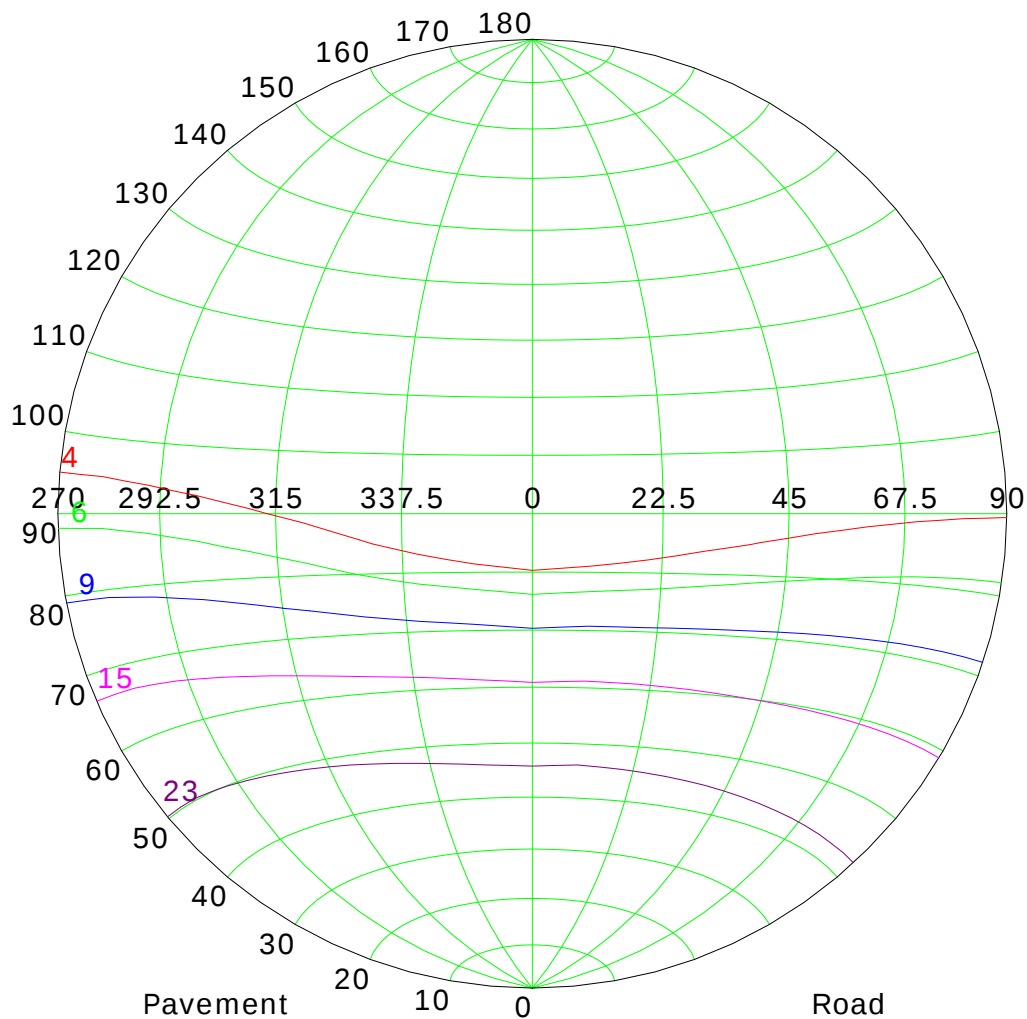
Test Device: GPM-2000

Distance: 7.970 m

Humidity:

Inspector:

Isocandela (sphere)



Imax (100%): 37 cd

(10%):	4 cd	(16%):	6 cd
(25%):	9 cd	(40%):	15 cd
(63%):	23 cd	(100%):	37 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

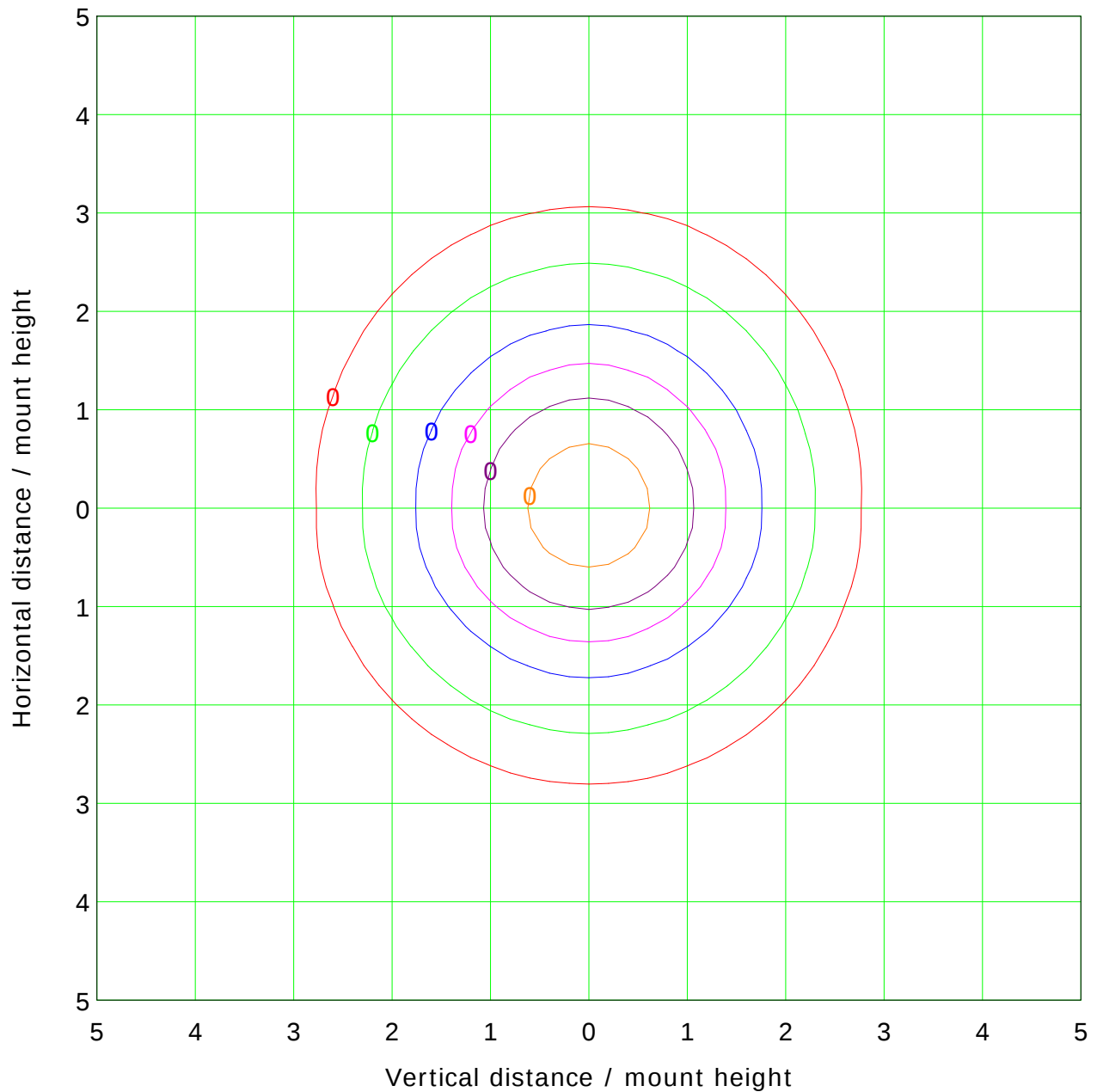
Test Device: GPM-2000

Distance: 7.970 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 0.4 lx

(1%): 0.0 lx	(2%): 0.0 lx
(5%): 0.0 lx	(10%): 0.0 lx
(20%): 0.1 lx	(50%): 0.2 lx
(100%): 0.4 lx	

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Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-2000

Distance: 7.970 m

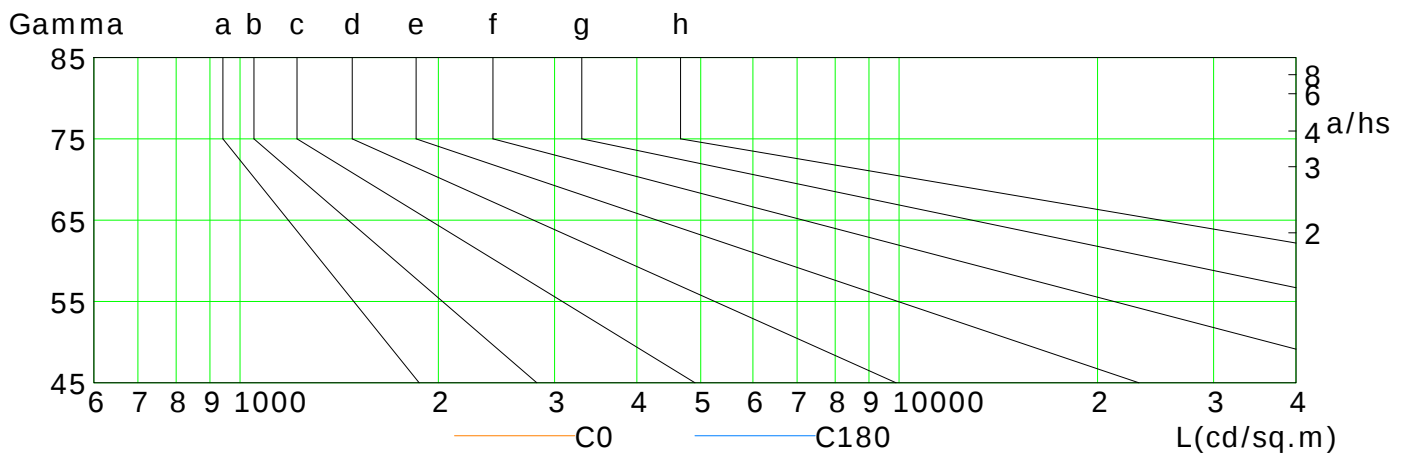
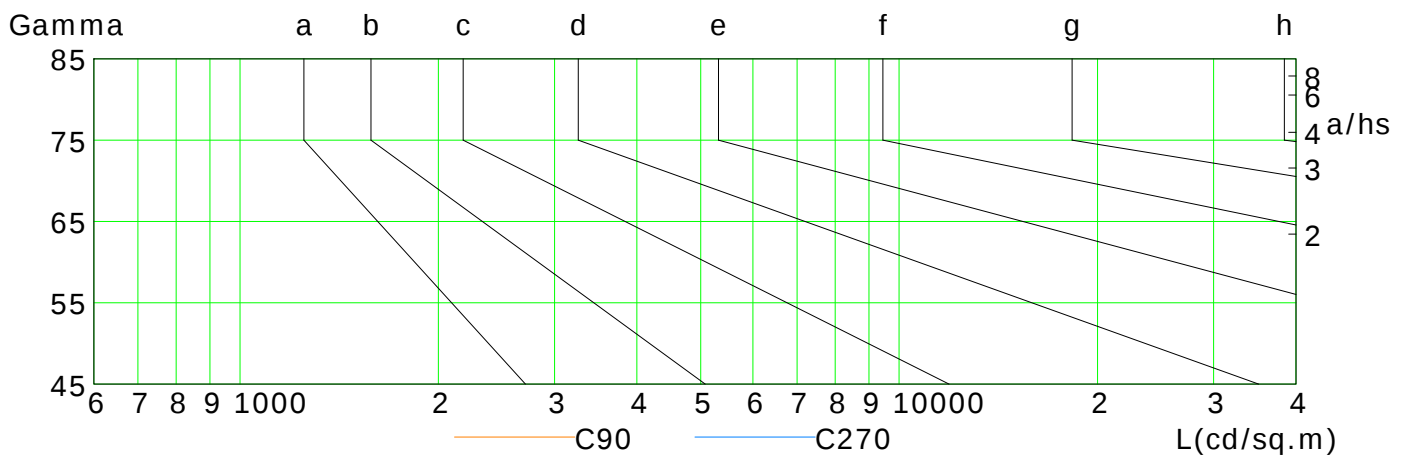
Humidity:

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	23	21	18	15	12	9	6	4	1
C90	22	19	17	14	12	10	8	6	5
C180	23	21	18	15	12	9	7	4	2
C270	26	23	21	18	15	13	11	9	7

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Temperature:

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Gamma Plane (°):0.0-180.0:1.0

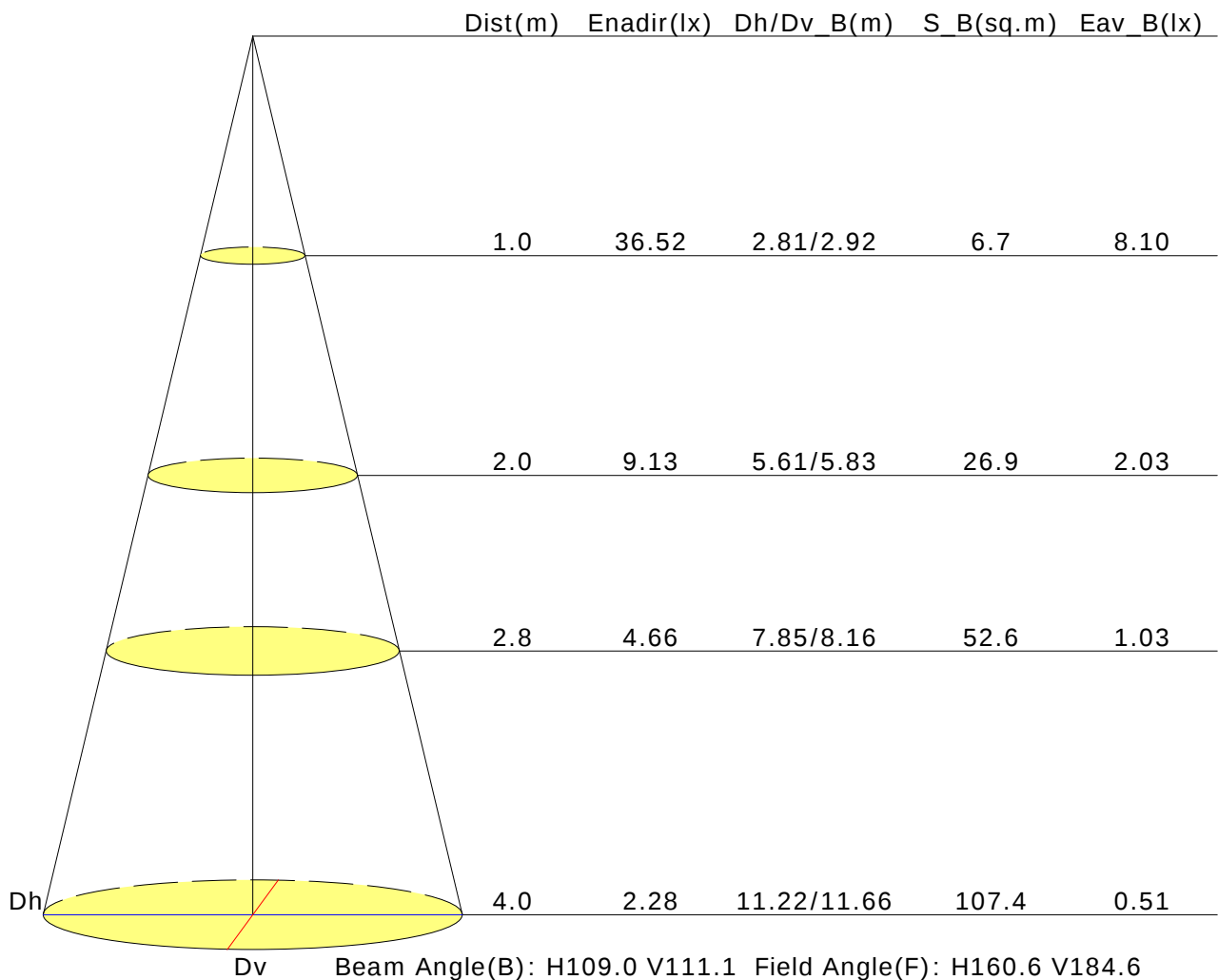
Test Device: GPM-2000

Distance: 7.970 m

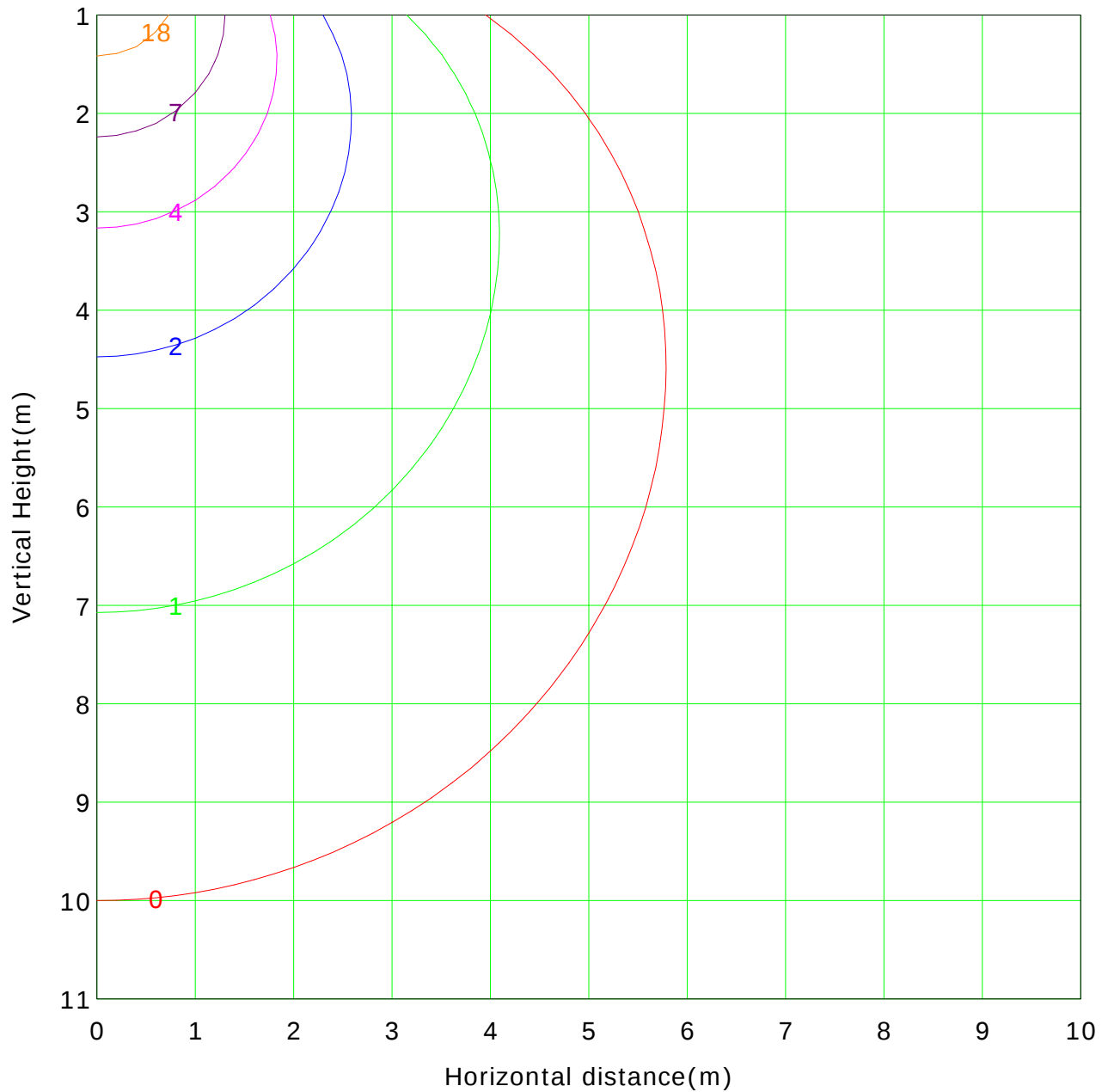
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m	Highest(m): 11.0m	Max Lux: 36.5 lx
(1%): 0.4 lx	(2%): 0.7 lx	
(5%): 1.8 lx	(10%): 3.7 lx	
(20%): 7.3 lx	(50%): 18.3 lx	
(100%): 36.5 lx		

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