

Report No.:

Test Time: 01/08/2019 12:24

Luminaire Property

Luminaire Manufacturer: Lighting Line

Luminaire Description: LLP-SL11-01 + LLD-01-CM

Lamp Description: F52-400-60822

Number of Lamps: 1

Lumens per Lamp: 1273 lm

Voltage: 24.0 V

Current: 0.608 A

Power: 14.58 W

Power Factor: 1.000

Photometric Results

CIE Class: Semi-Direct

Measurement Flux: 1273.4 lm

Downward Ratio: 83.89%

Total Rated Lamp Lumens: 1273.0 lm

Efficiency: 100.03%

Upward Ratio: 16.15%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 159.2, 299.2, 263.1, 261.9

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 109.6, 141.7, 128.9, 128.9

Luminaire Efficacy Rating (LER): 87.39

Central Intensity: 305.83 cd

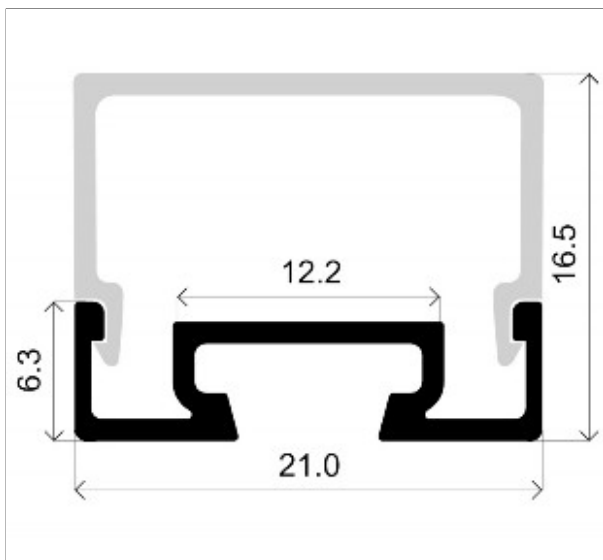
Max. Intensity: 306.4 cd

Pos of Max. Intensity: H90 V7

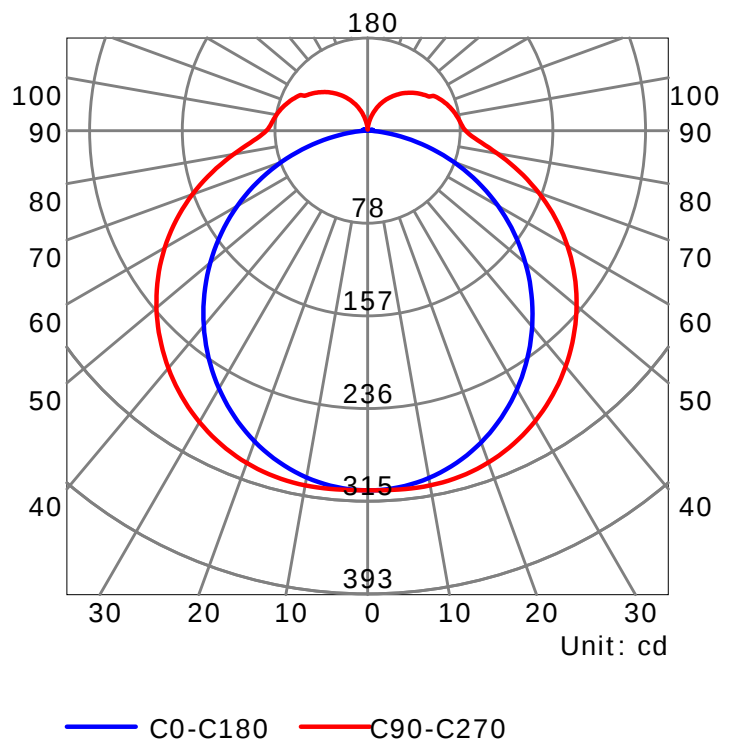
S/MH(C0/C180): 1.23

S/MH(C90/C270): 1.39

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

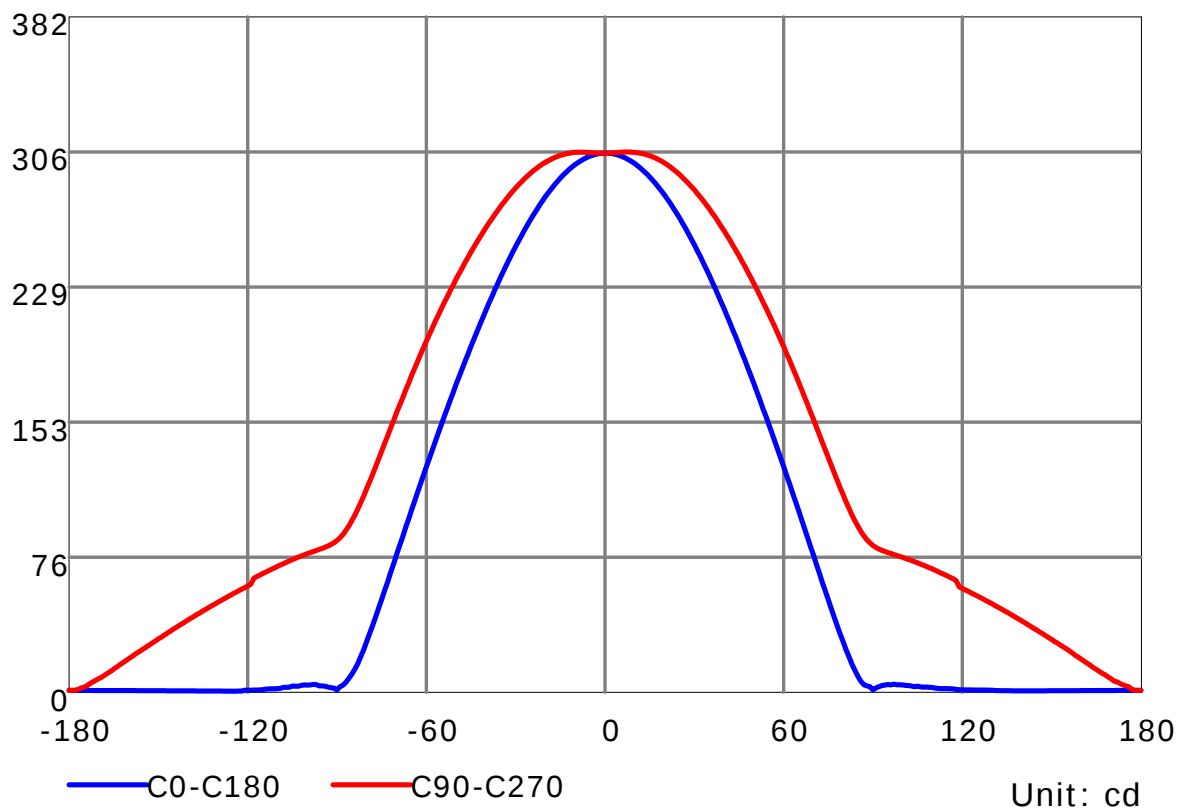
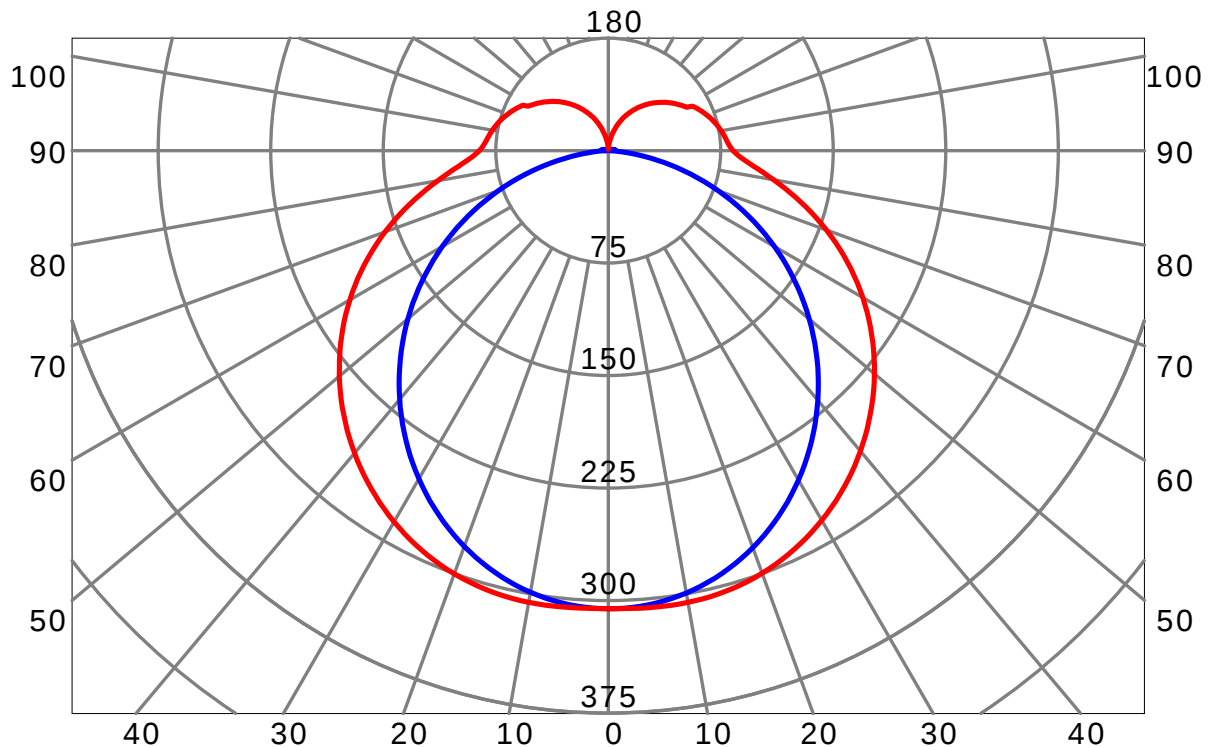
Test Device: GPM-2000

Distance: 7.970 m

Humidity:

Inspector:

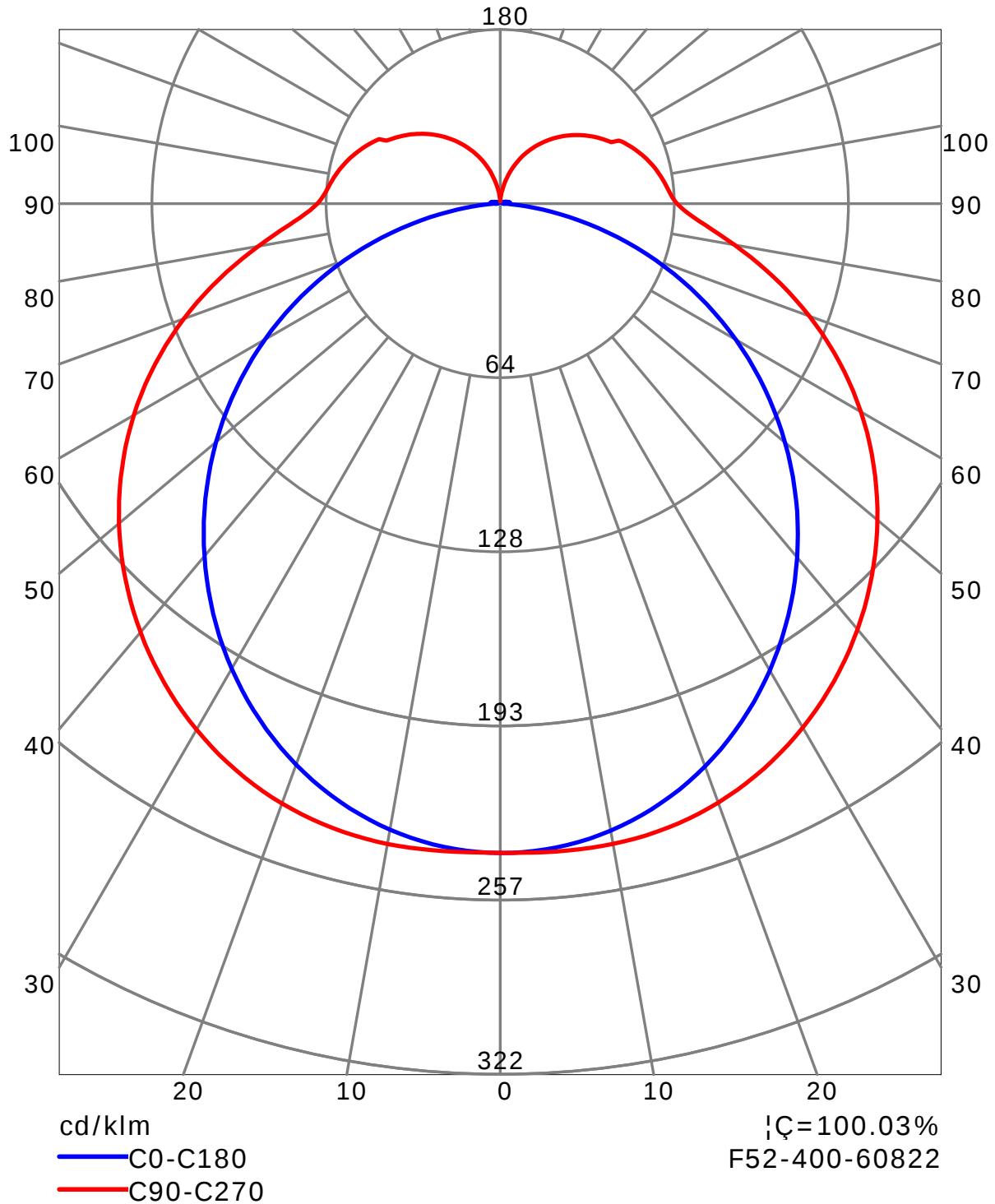
Luminous Intensity Distribution Curve



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

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

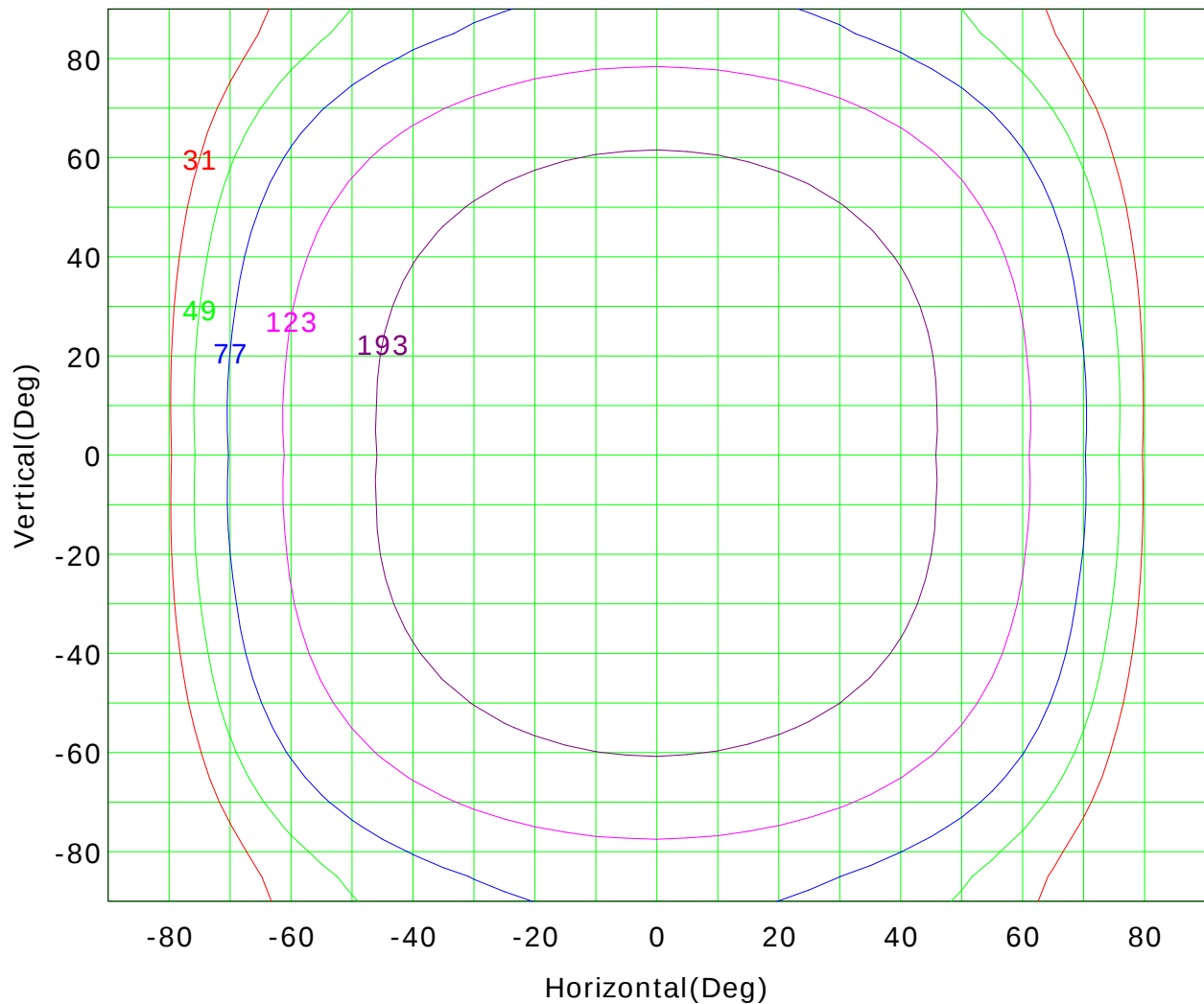
Luminous Intensity Distribution Curve(cd / klm)



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%): 306 cd

(10%):	31 cd	(16%):	49 cd
(25%):	77 cd	(40%):	123 cd
(63%):	193 cd	(100%):	306 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

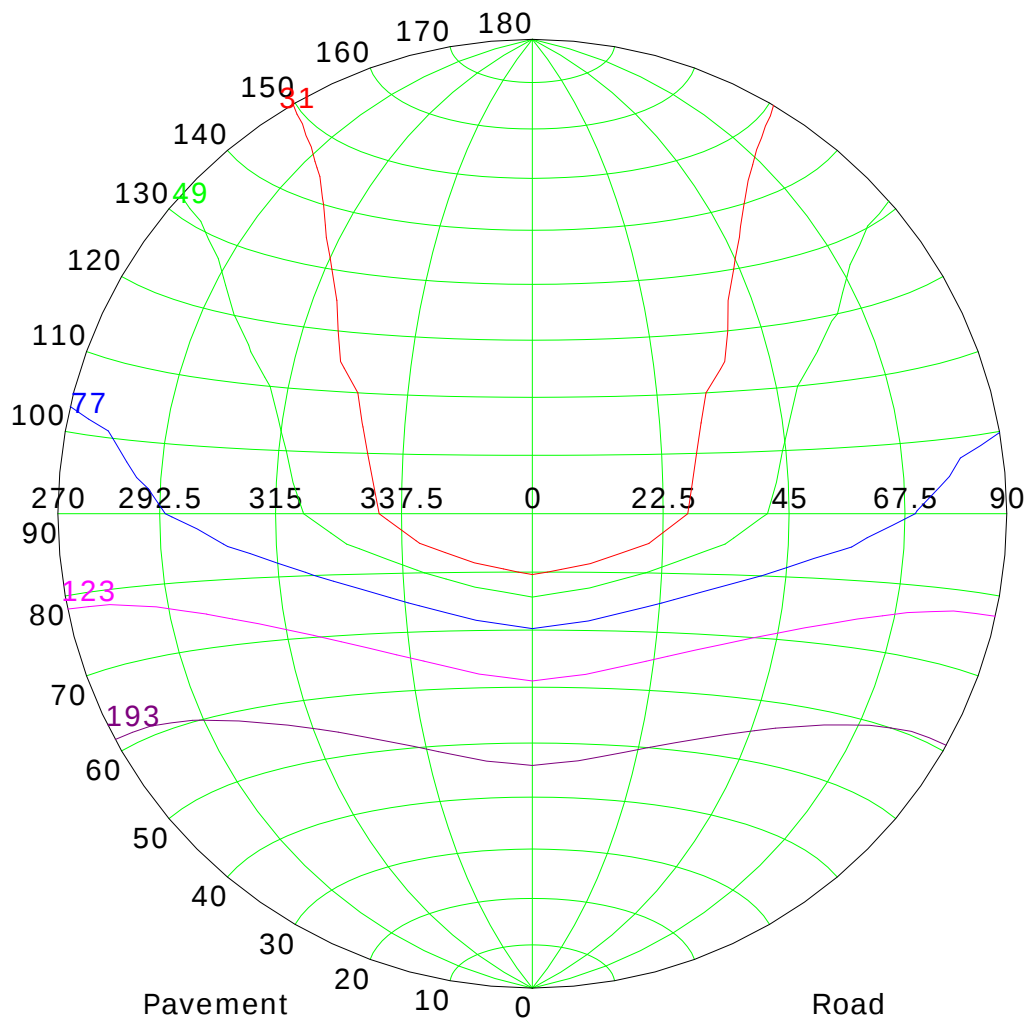
Test Device: GPM-2000

Distance: 7.970 m

Humidity:

Inspector:

Isocandela (sphere)



I_{max} (100%): 306 cd

(10%):	31 cd	(16%):	49 cd
(25%):	77 cd	(40%):	123 cd
(63%):	193 cd	(100%):	306 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

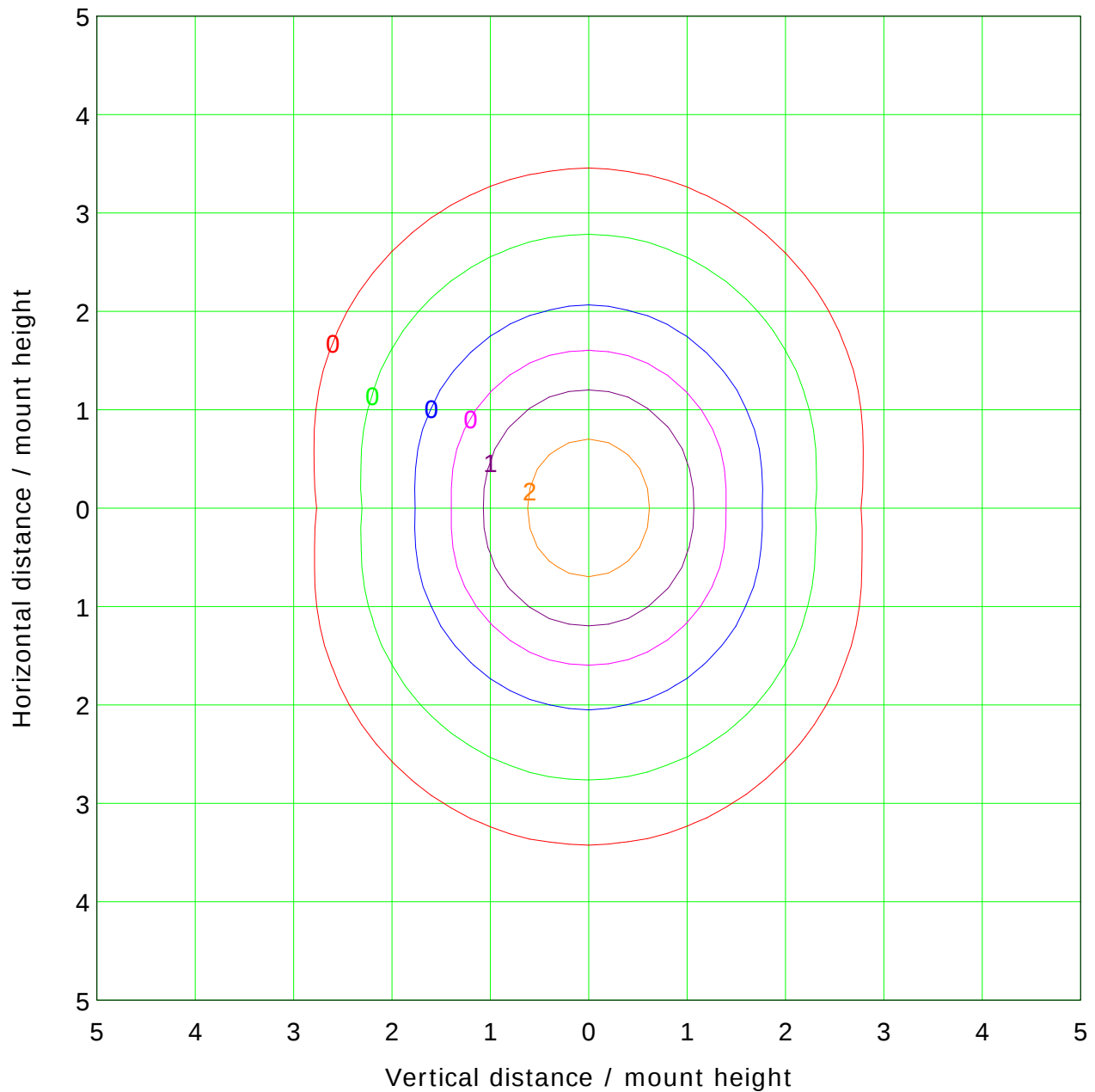
Test Device: GPM-2000

Distance: 7.970 m

Humidity:

Inspector:

IsoLux Plot



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

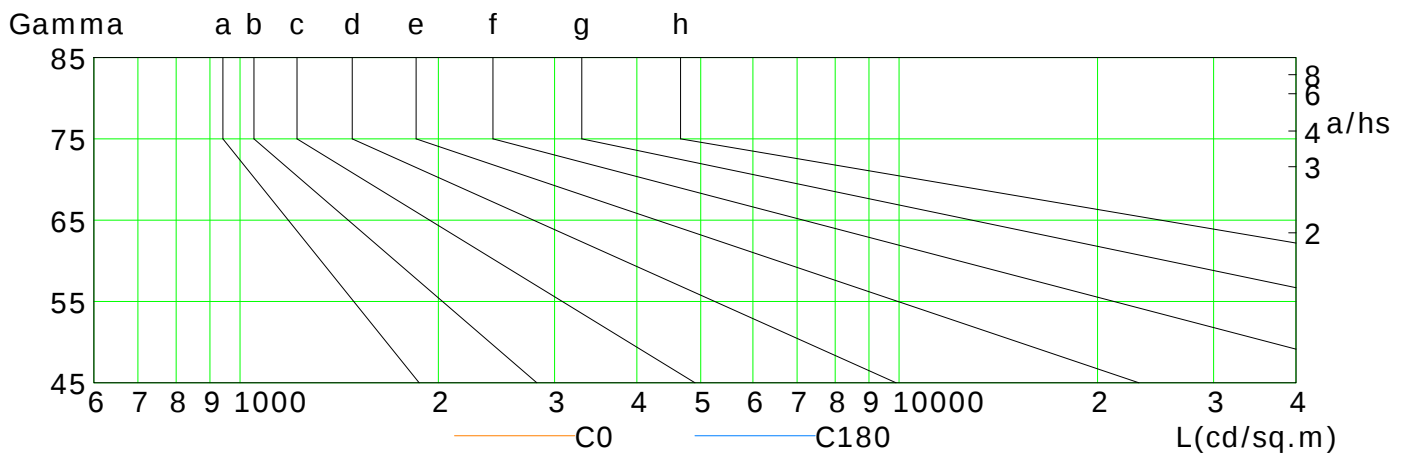
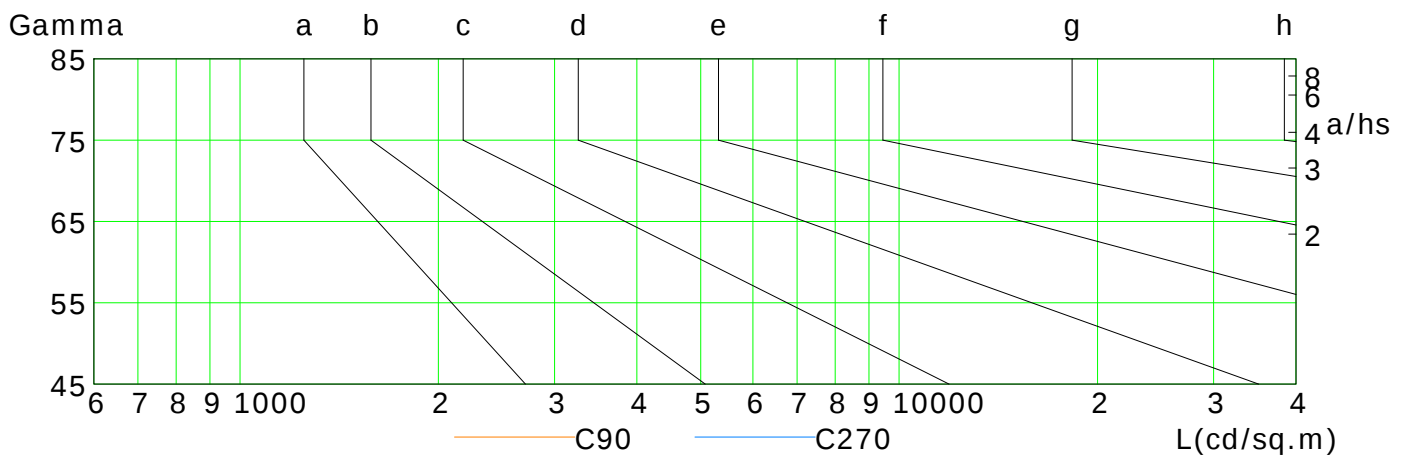
Humidity:

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	197	175	152	128	103	78	52	29	9
C90	248	232	215	196	176	155	133	112	94
C180	196	175	152	128	103	78	53	29	10
C270	250	234	217	199	180	159	137	116	98

C Plane (°):0.0-360.0: 10.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

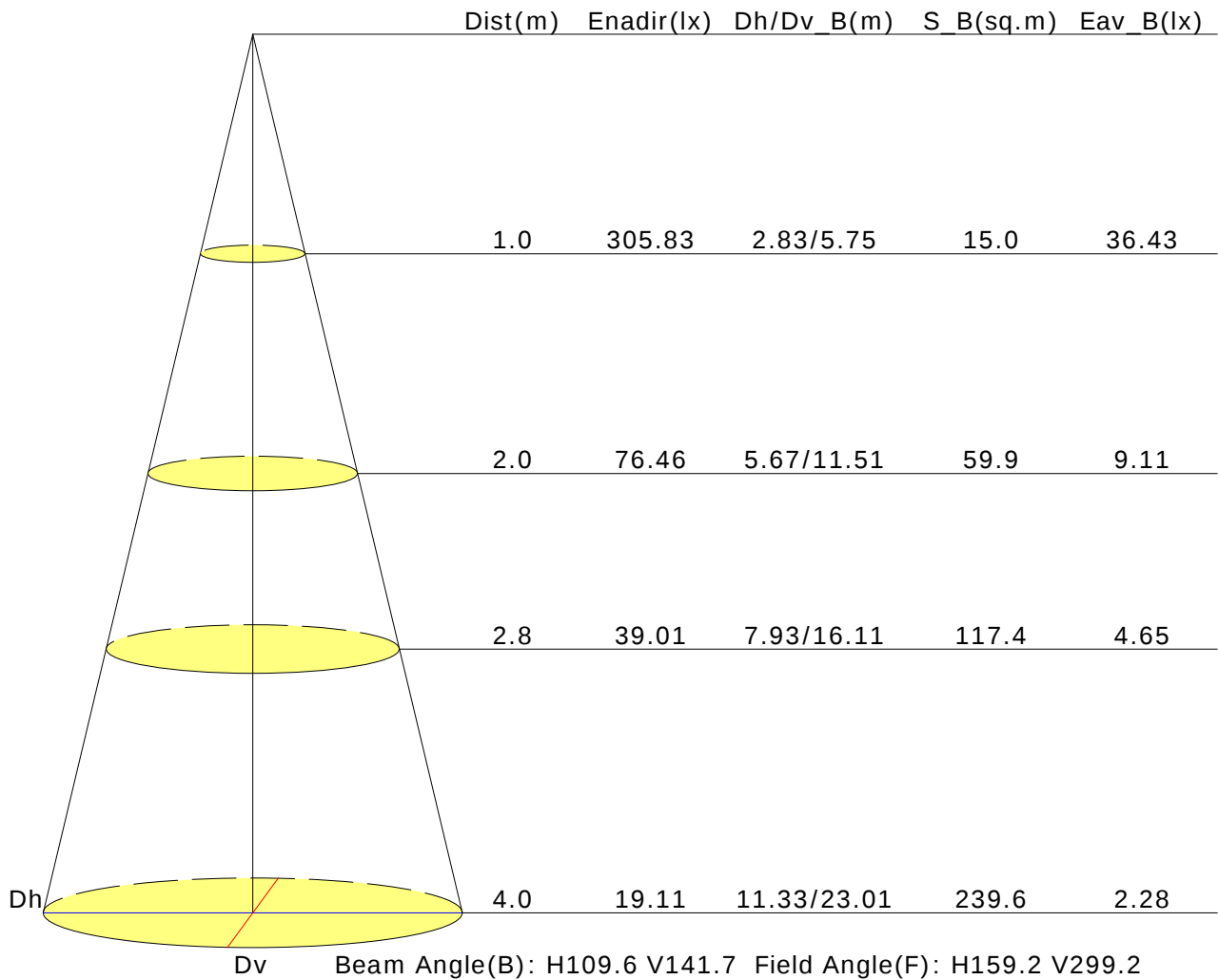
Test Device: GPM-2000

Distance: 7.970 m

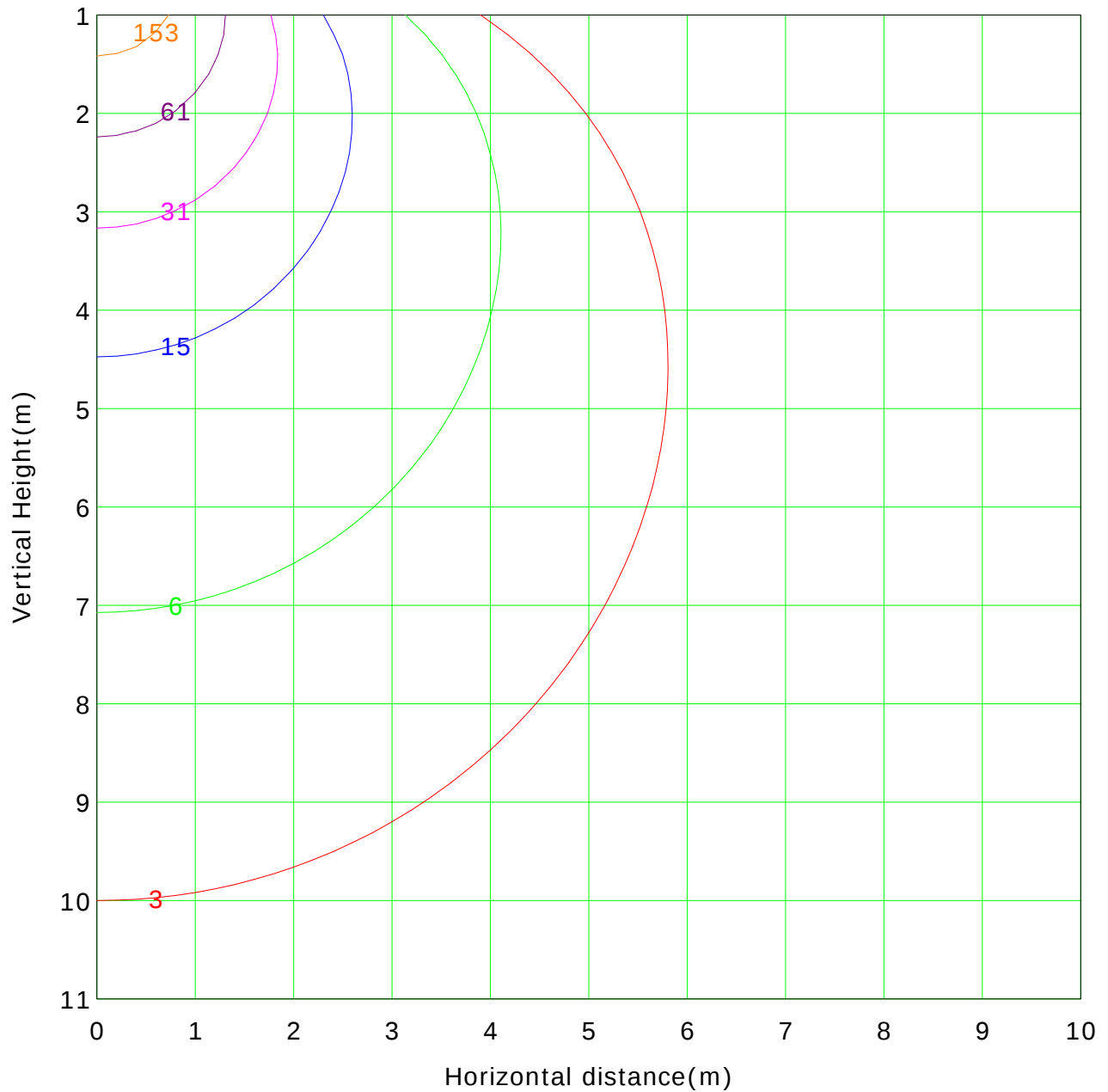
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 305.8 lx

(1%): 3.1 lx	(2%): 6.1 lx
(5%): 15.3 lx	(10%): 30.6 lx
(20%): 61.2 lx	(50%): 152.9 lx
(100%): 305.8 lx	