

Report No.:

Test Time: 08/10/2018 09:43

Luminaire Property

Luminaire Manufacturer: Lighting Line

Luminaire Description: LLP-HR01-0203 + LLD-03-FM

Lamp Description: F52-400-1208C2-W5

Voltage: 24.0 V

Current: 0.375 A

Power: 8.99 W

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 387.6 lm

Downward Ratio: 98%

Total Rated Lamp Lumens: 387.6 lm

Efficiency: 100%

Upward Ratio: 2%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 167.0, 157.8, 166.2, 170.2

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 123.5, 111.3, 109.5, 108.6

Luminaire Efficacy Rating (LER): 43.16

Central Intensity: 67.86 cd

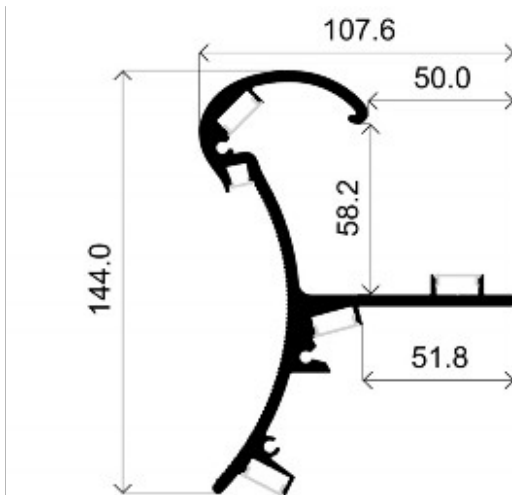
Max. Intensity: 168.37 cd

Pos of Max. Intensity: H90 V81

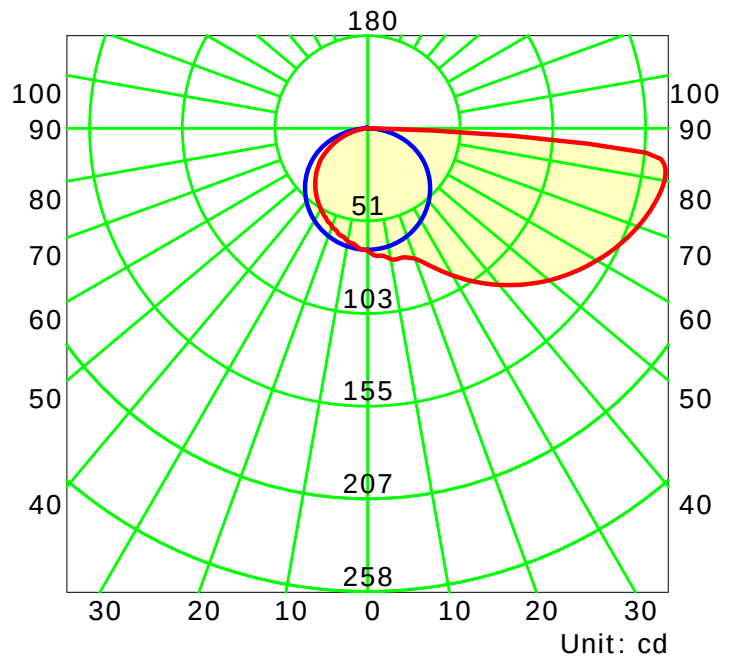
S/MH(C0/C180): 1.30

S/MH(C90/C270): 1.75

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 15.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

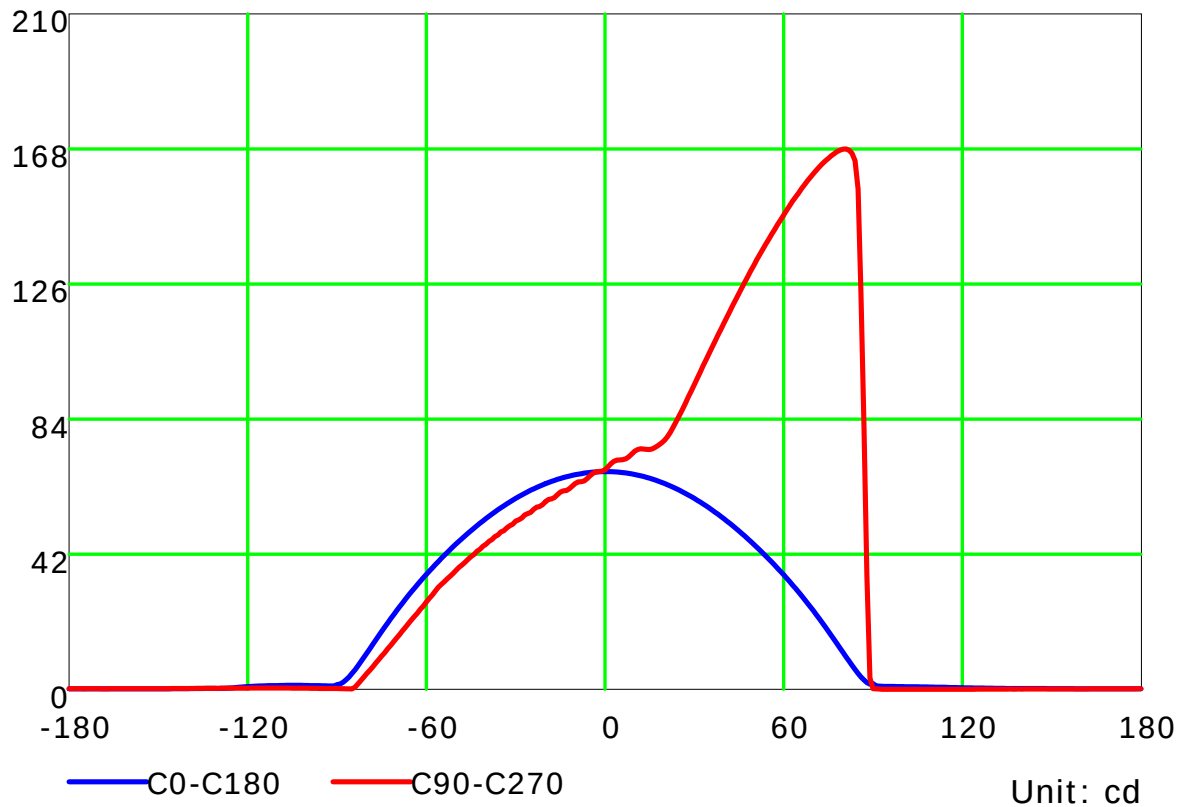
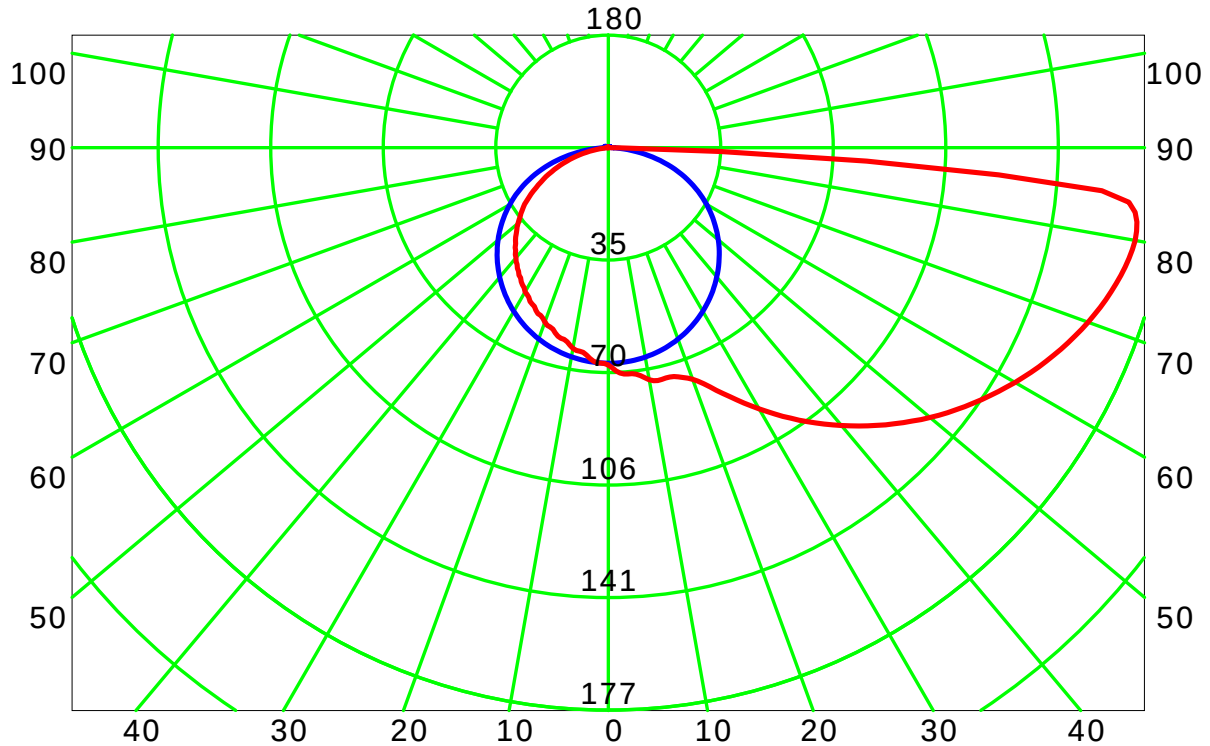
Test Device: GPM-2000

Distance: 7.970 m

Humidity:

Inspector:

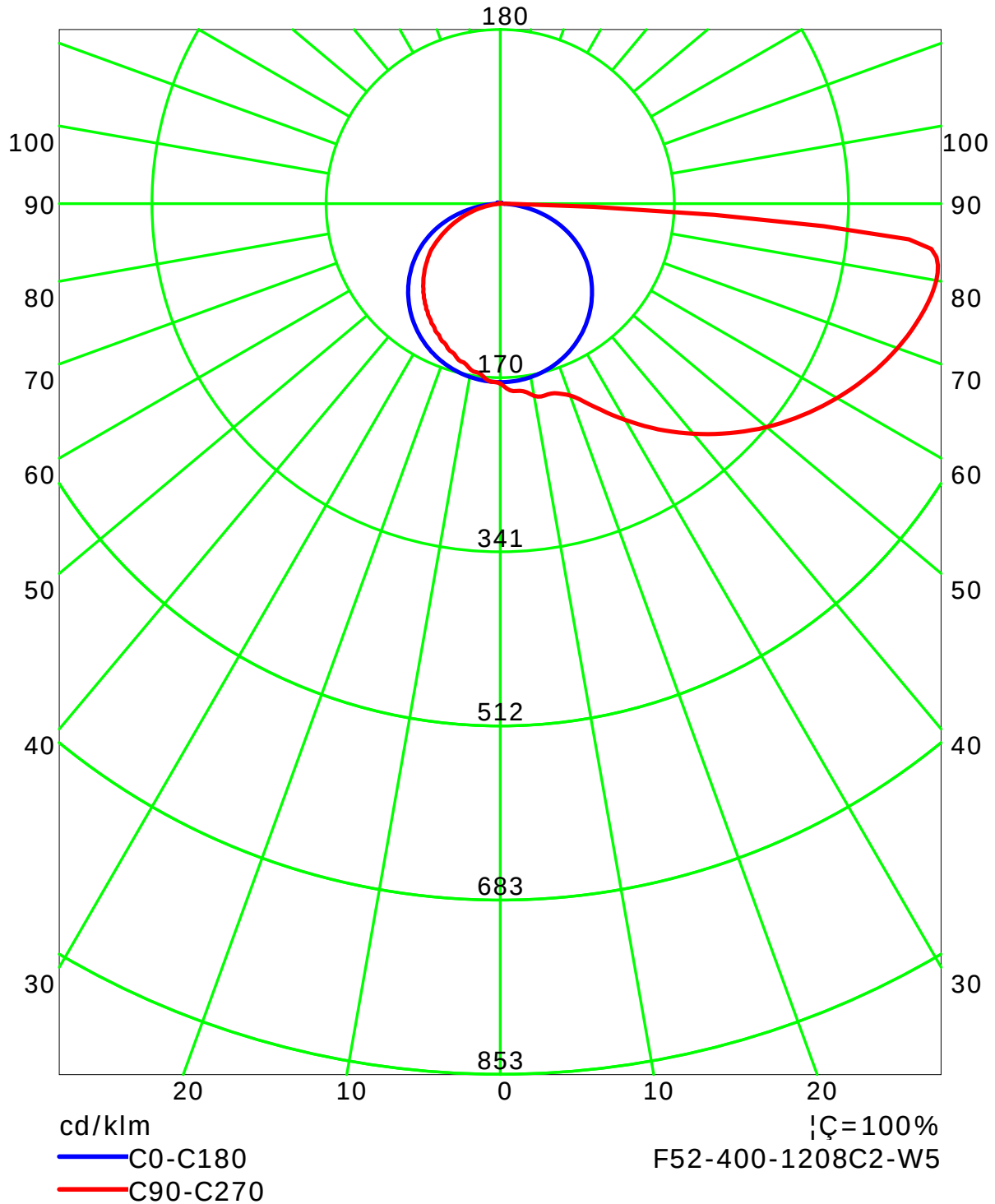
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 15.0
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:

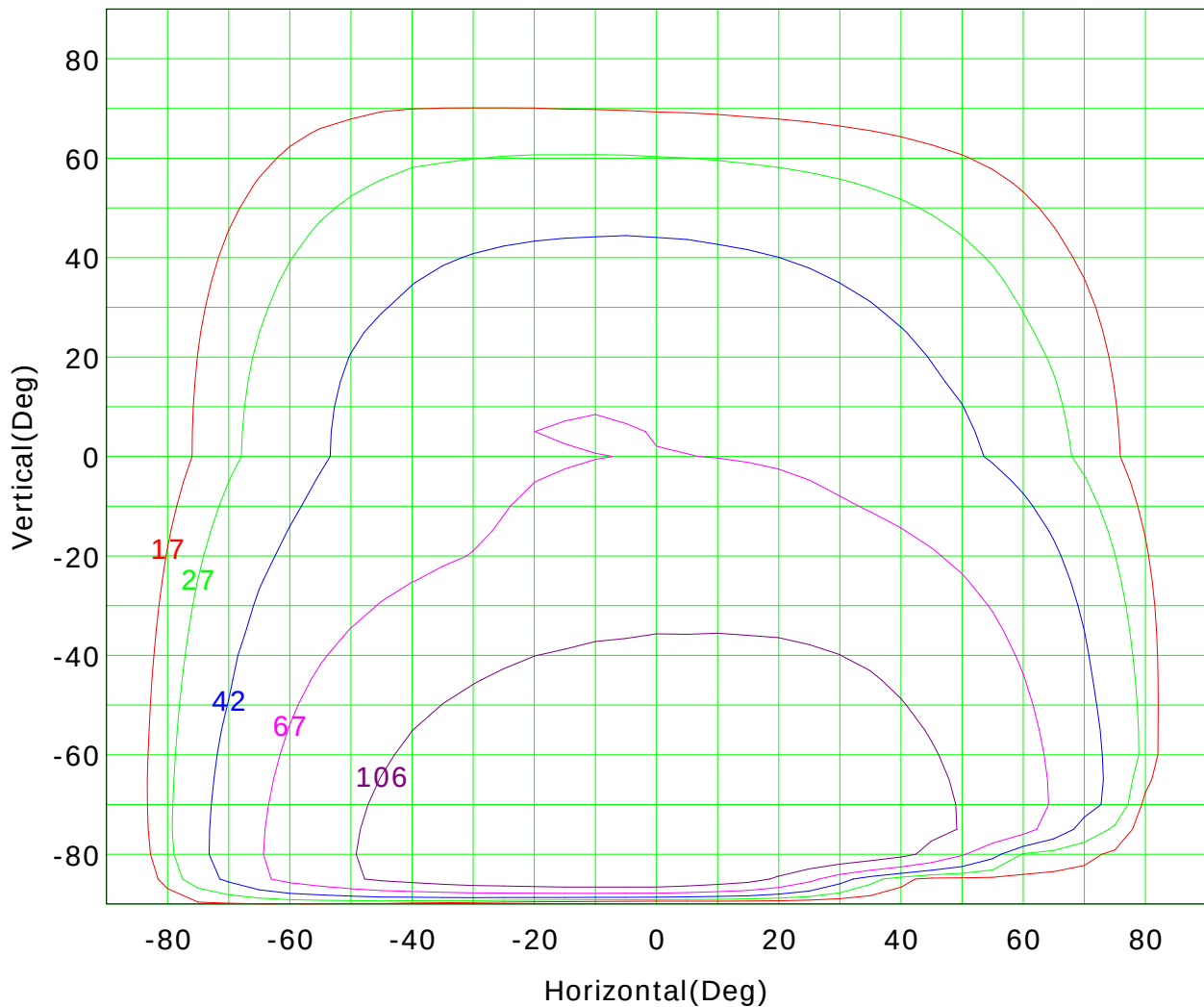
Luminous Intensity Distribution Curve(cd / klm)



C Plane (°):0.0-360.0: 15.0
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%): 168 cd

(10%):	17 cd	(16%):	27 cd
(25%):	42 cd	(40%):	67 cd
(63%):	106 cd	(100%):	168 cd

C Plane (°):0.0-360.0: 15.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

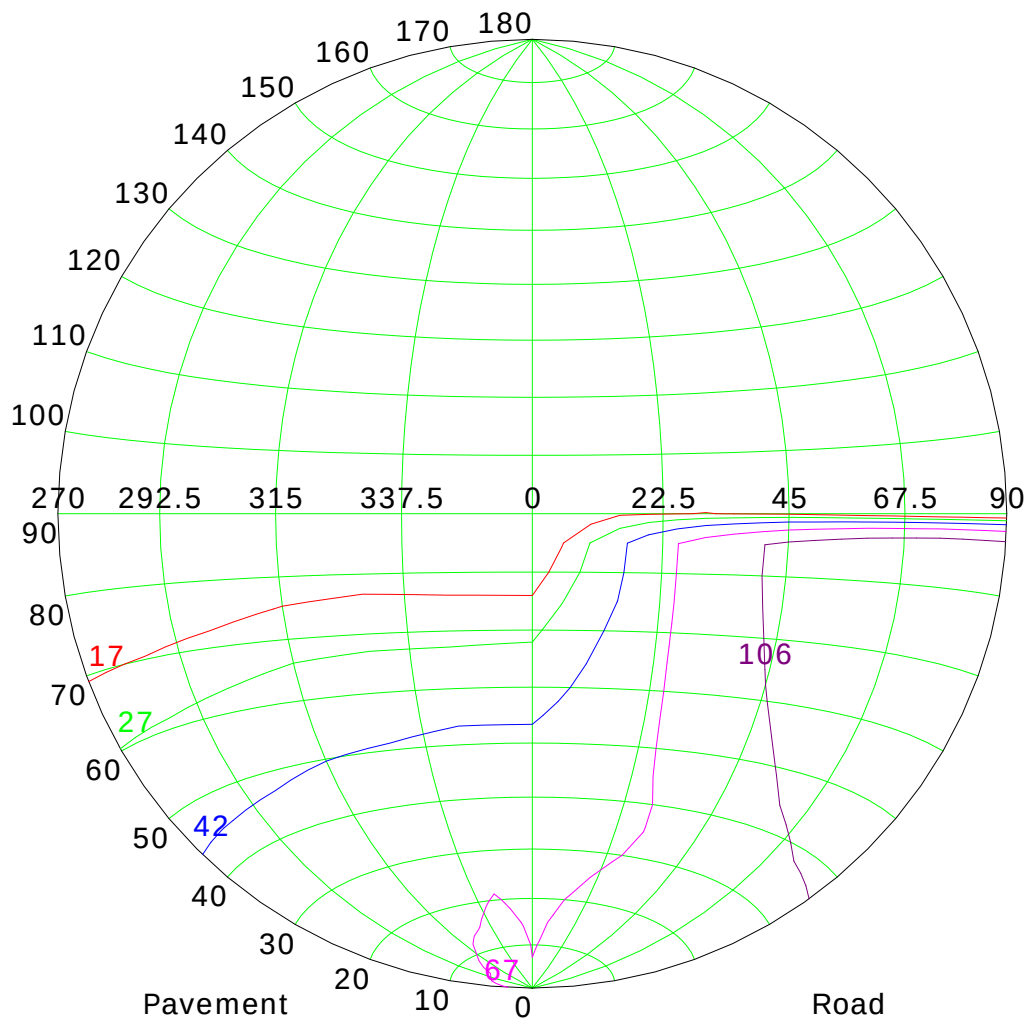
Test Device: GPM-2000

Distance: 7.970 m

Humidity:

Inspector:

Isocandela (sphere)



Imax (100%): 168 cd

(10%):	17 cd	(16%):	27 cd
(25%):	42 cd	(40%):	67 cd
(63%):	106 cd	(100%):	168 cd

C Plane (°):0.0-360.0: 15.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

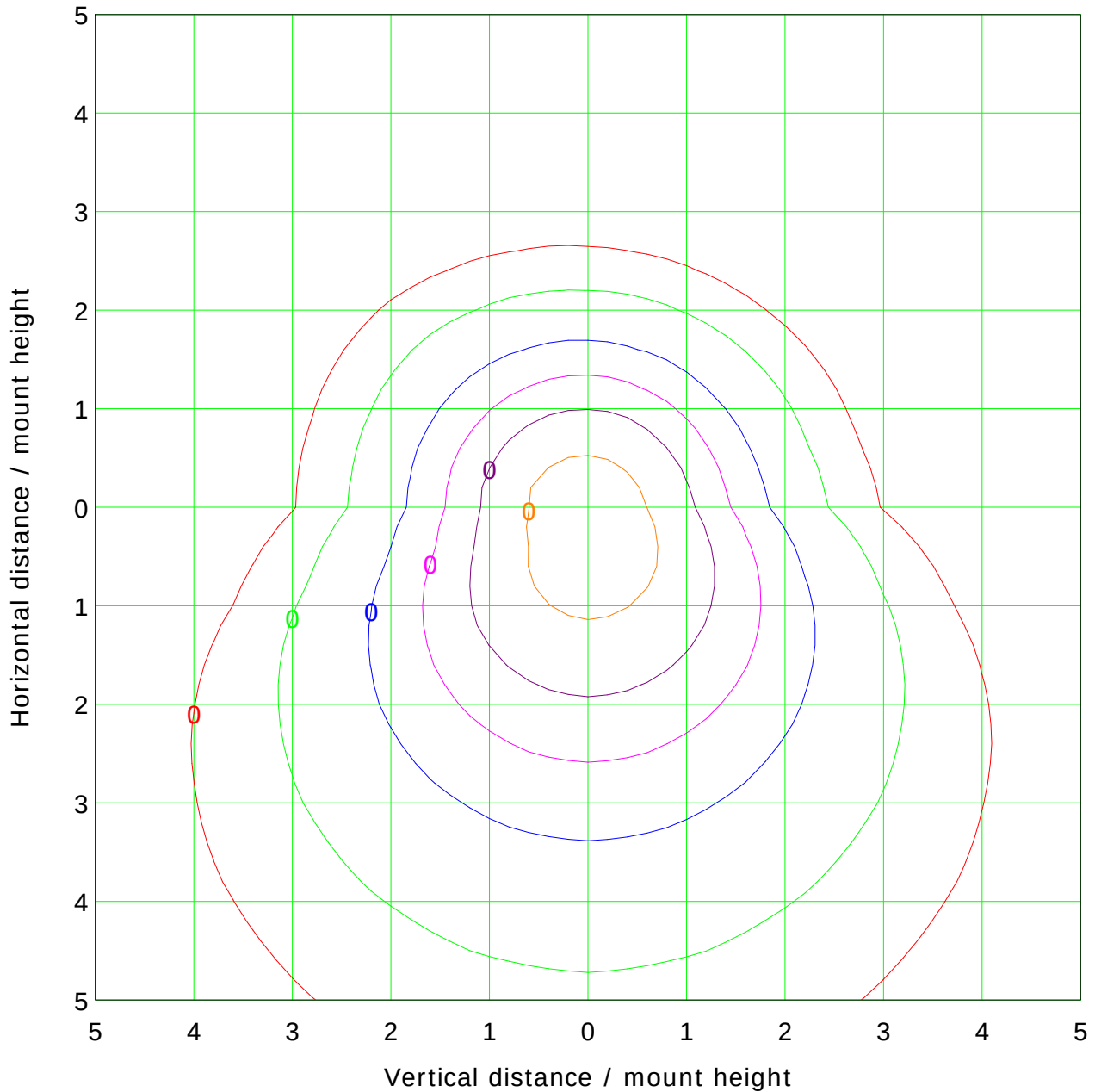
Test Device: GPM-2000

Distance: 7.970 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 0.7 lx

(1%): 0.0 lx	(2%): 0.0 lx
(5%): 0.0 lx	(10%): 0.1 lx
(20%): 0.1 lx	(50%): 0.4 lx
(100%): 0.7 lx	

C Plane (°):0.0-360.0: 15.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-2000

Distance: 7.970 m

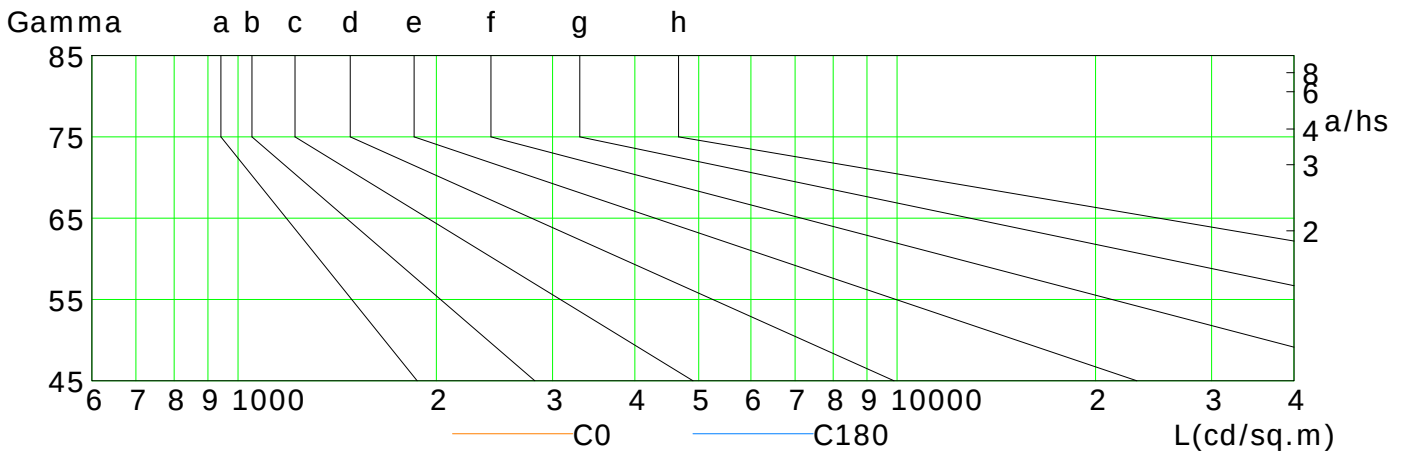
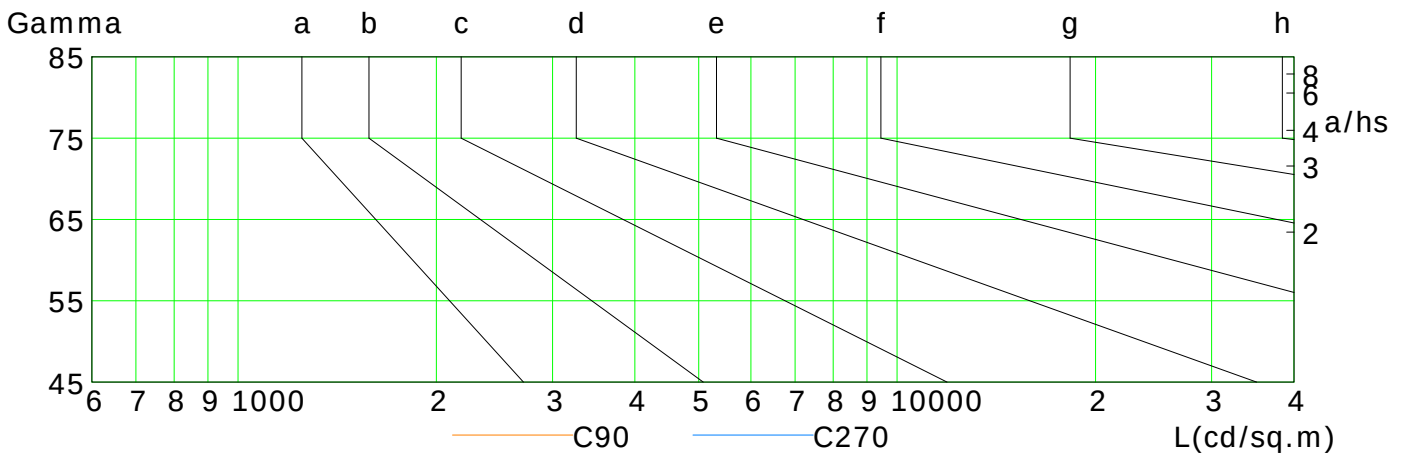
Humidity:

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	49	45	41	36	30	25	18	11	5
C90	123	132	140	148	155	161	165	168	156
C180	49	45	41	36	30	25	18	11	5
C270	41	37	33	27	22	16	10	5	0

C Plane (°):0.0-360.0: 15.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

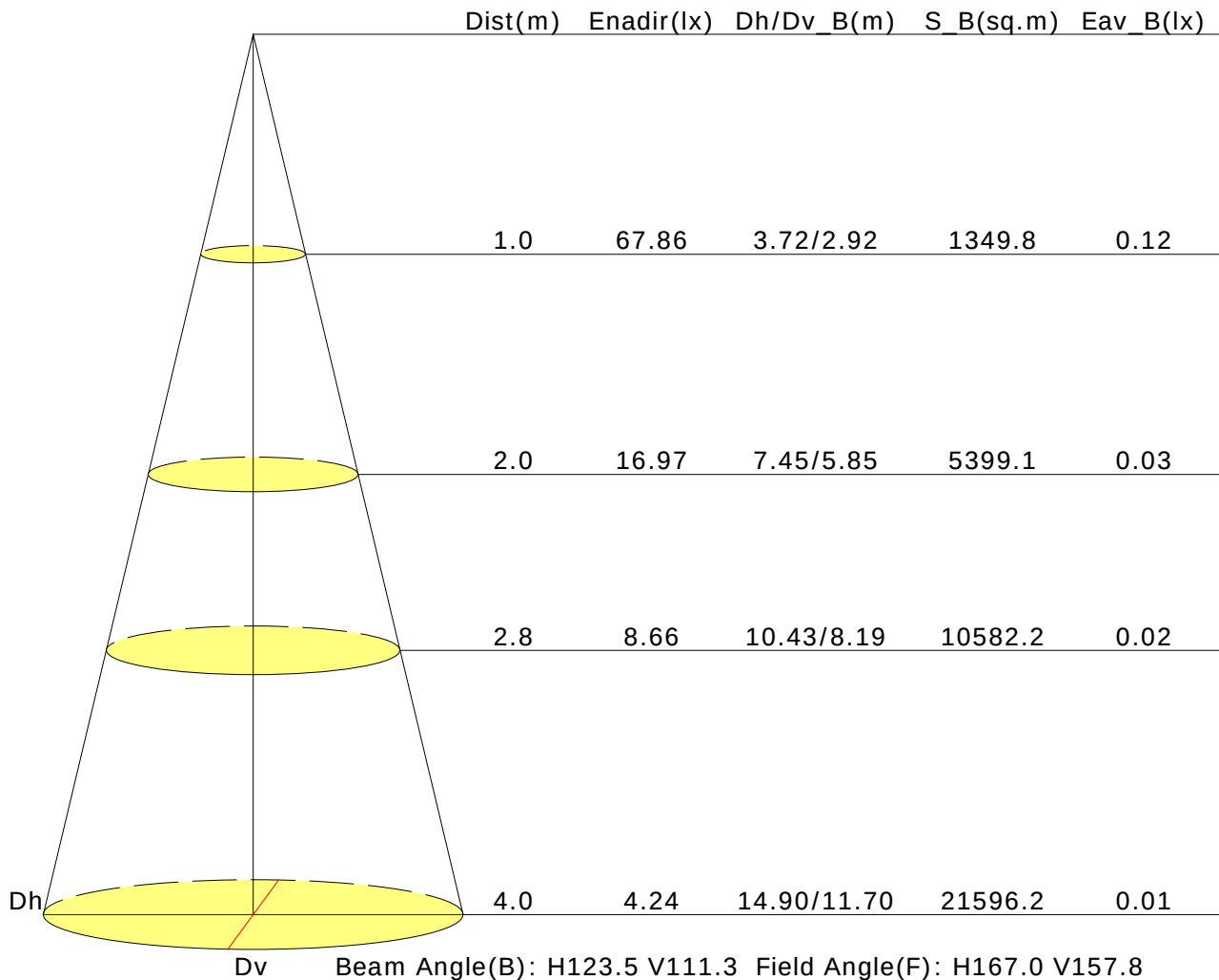
Test Device: GPM-2000

Distance: 7.970 m

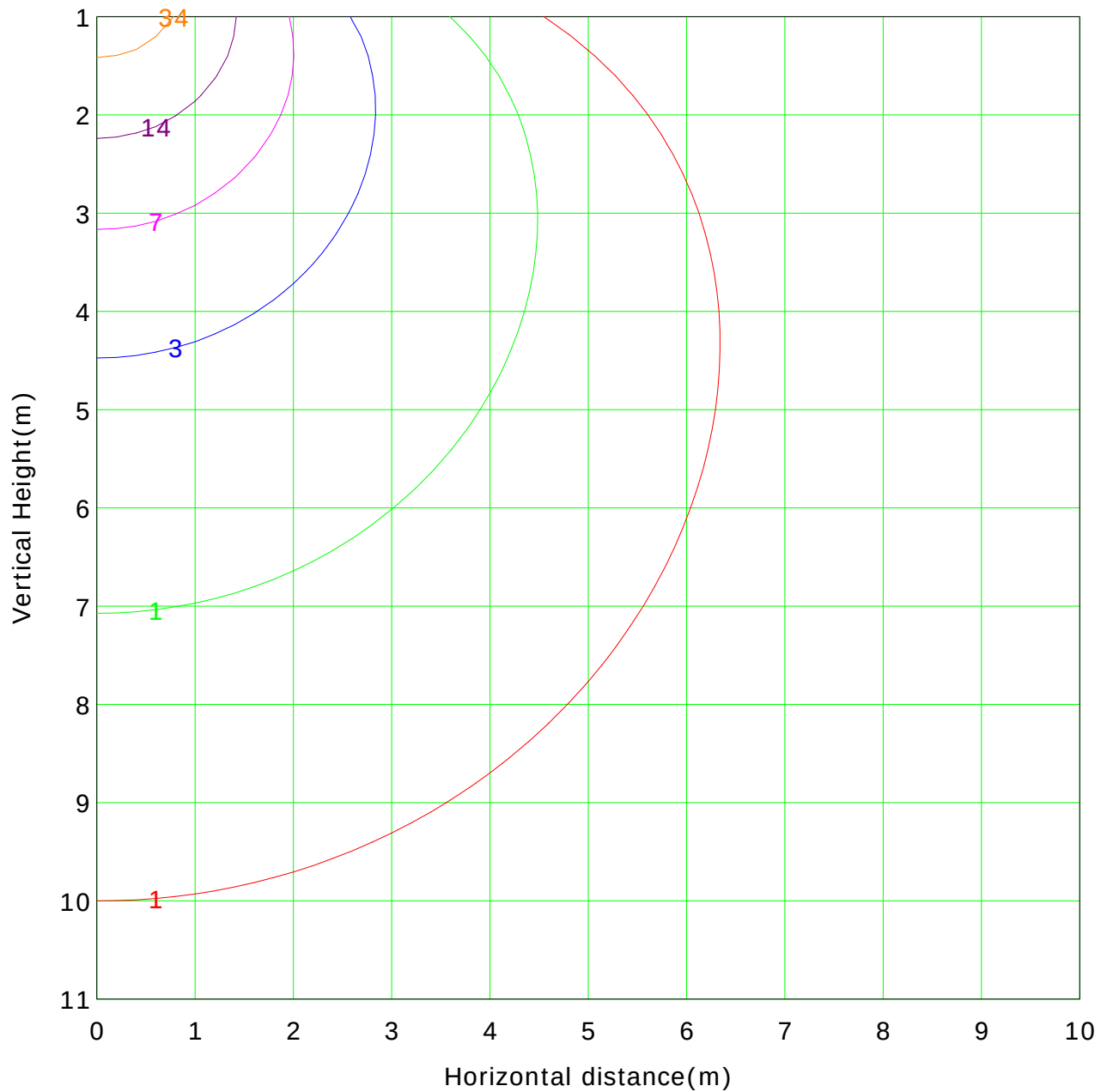
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m	Highest(m): 11.0m	Max Lux: 67.9 lx
(1%): 0.7 lx	(2%): 1.4 lx	
(5%): 3.4 lx	(10%): 6.8 lx	
(20%): 13.6 lx	(50%): 33.9 lx	
(100%): 67.9 lx		

C Plane (°):0.0-360.0: 15.0
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:

Report No.:

Test Time: 05/10/2018 16:10

Luminaire Property

Luminaire Manufacturer: Lighting Line

Luminaire Description: LLP-HR01-0203 + LLD-03-FK

Lamp Description: F52-400-60822

Voltage: 24.0 V

Current: 0.582 A

Power: 13.96 W

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 1311 lm

Downward Ratio: 100%

Total Rated Lamp Lumens: 1311.0 lm

Efficiency: 100%

Upward Ratio: 0%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 155.5, 121.2, 132.2, 131.8

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 112.4, 84.2, 96.6, 96.8

Luminaire Efficacy Rating (LER): 93.96

Central Intensity: 520.27 cd

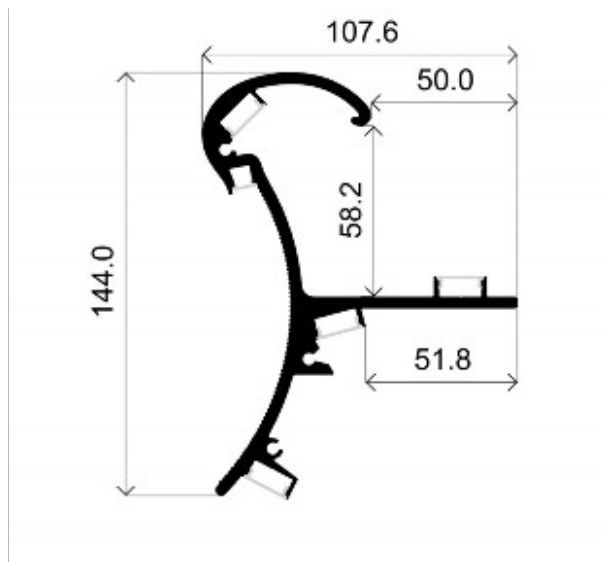
Max. Intensity: 572.93 cd

Pos of Max. Intensity: H90 V23

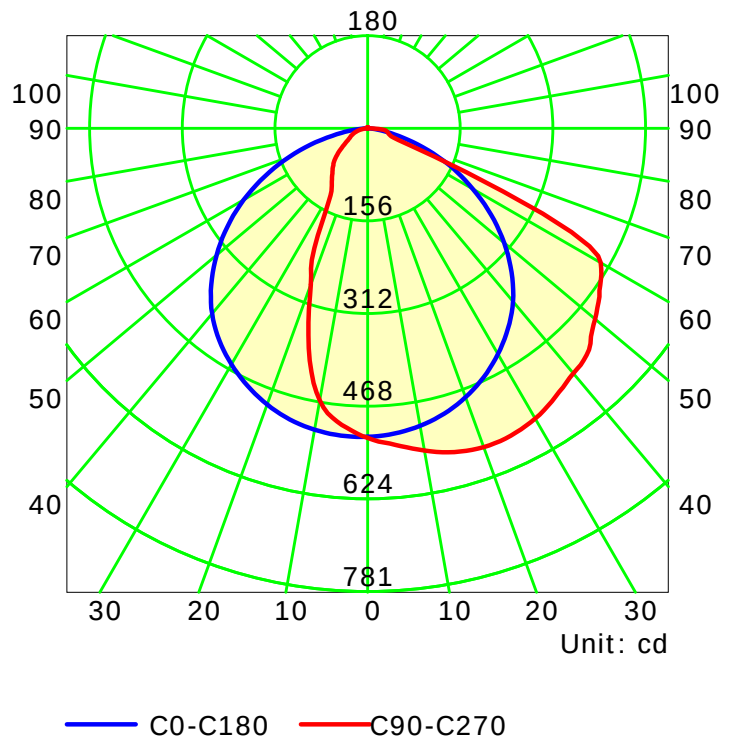
S/MH(C0/C180): 1.28

S/MH(C90/C270): 1.00

Picture Of Luminaire



Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 15.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

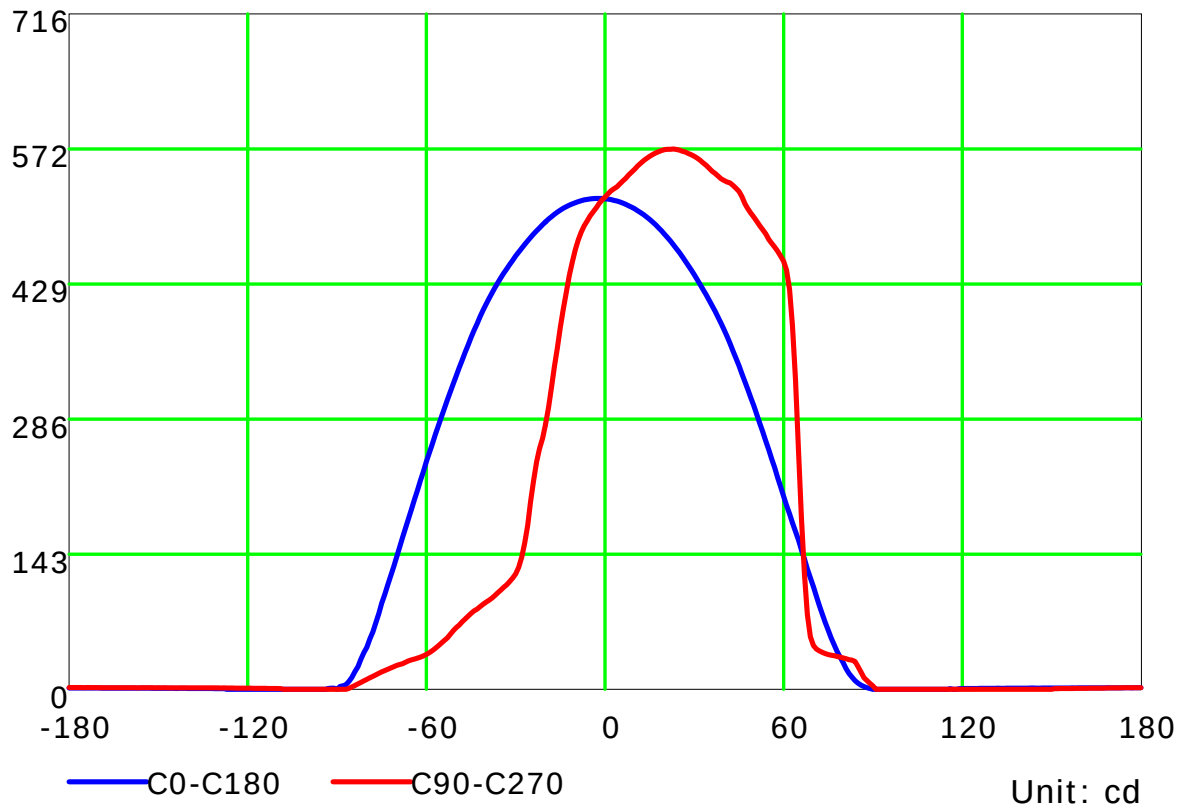
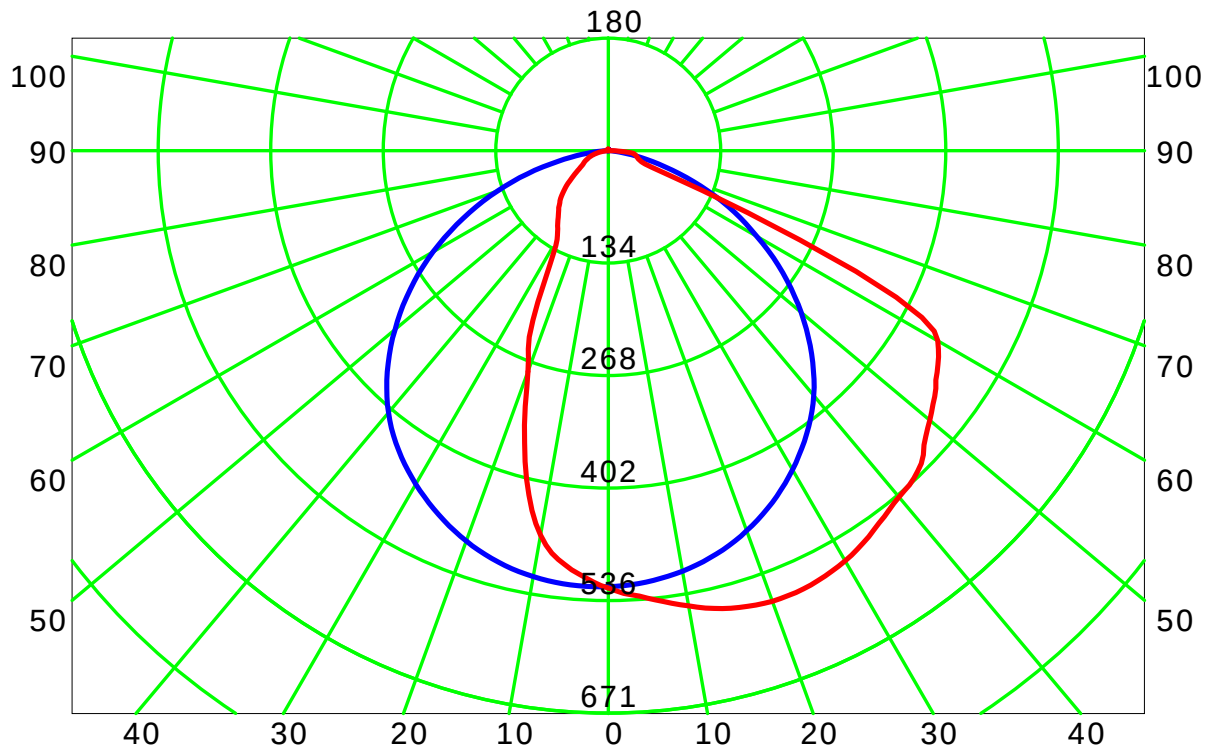
Test Device: GPM-2000

Distance: 7.970 m

Humidity:

Inspector:

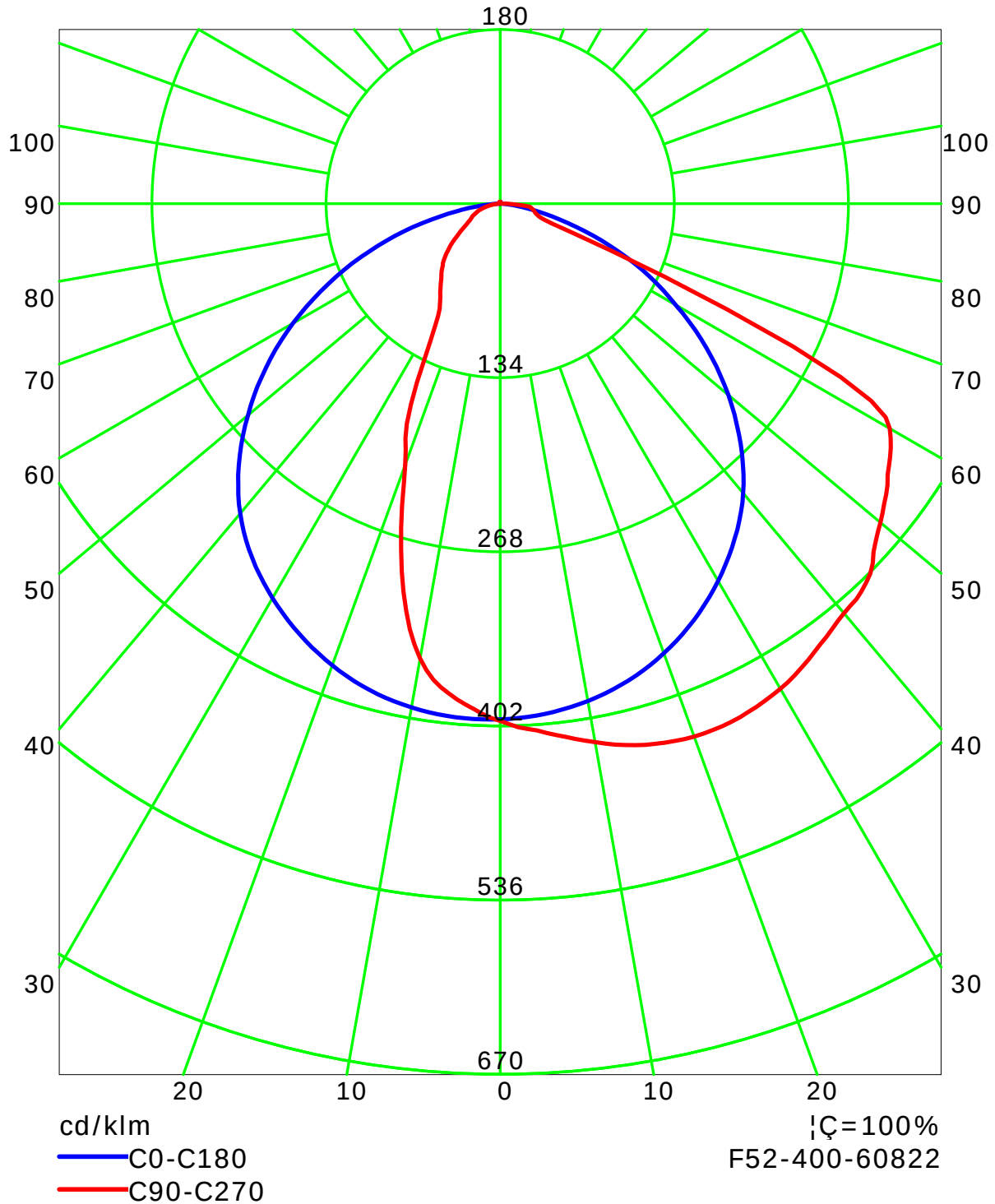
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 15.0
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:

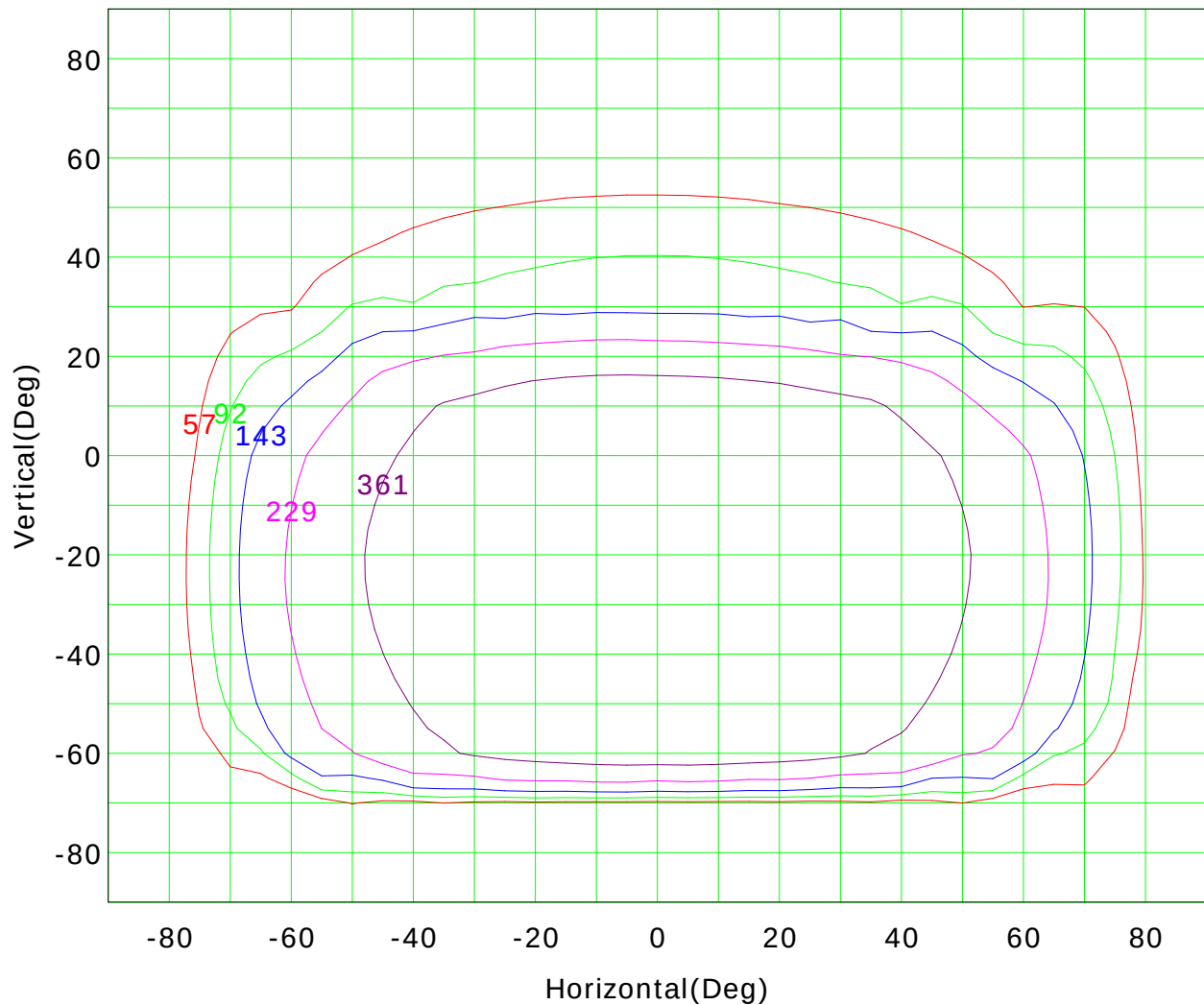
Luminous Intensity Distribution Curve(cd / klm)



C Plane (°): 0.0-360.0: 15.0
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%): 573 cd

(10%):	57 cd	(16%):	92 cd
(25%):	143 cd	(40%):	229 cd
(63%):	361 cd	(100%):	573 cd

C Plane (°):0.0-360.0: 15.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

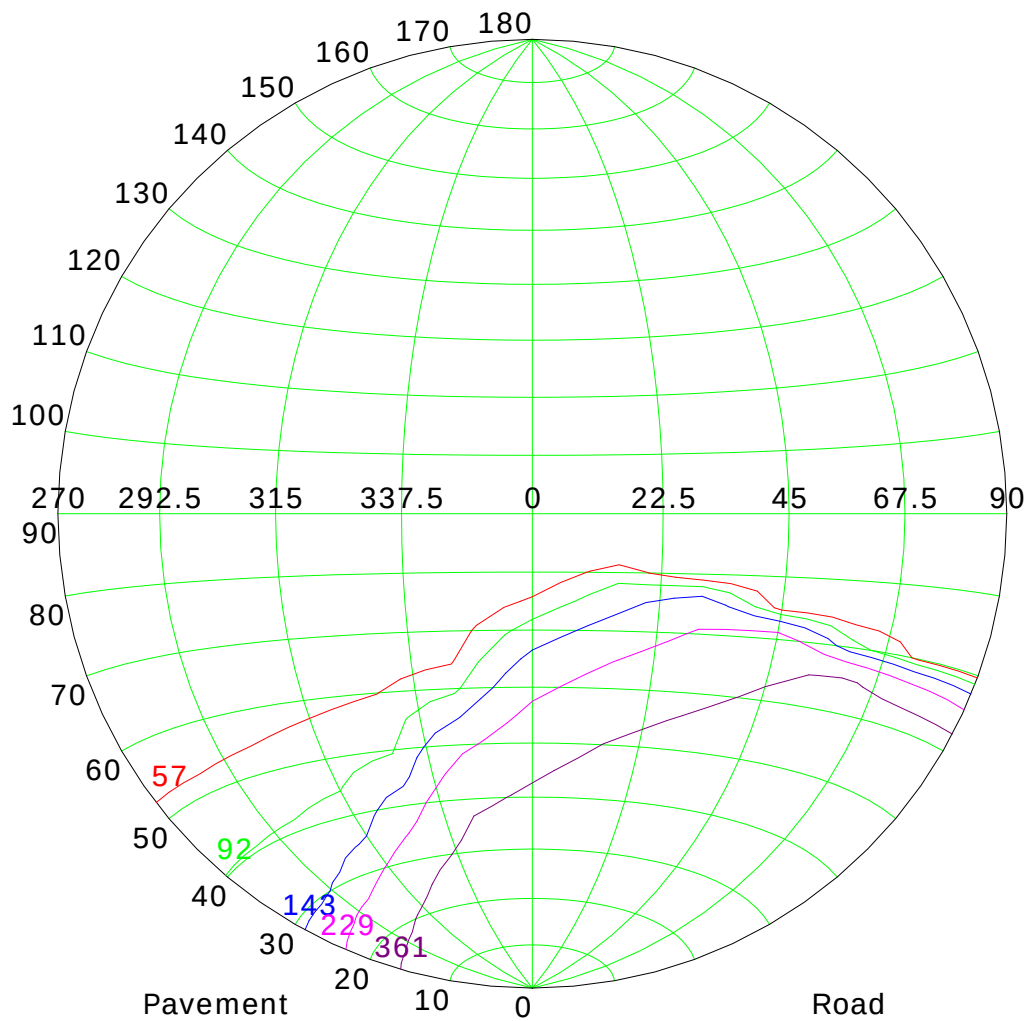
Test Device: GPM-2000

Distance: 7.970 m

Humidity:

Inspector:

Isocandela (sphere)



Imax (100%): 573 cd

(10%):	57 cd	(16%):	92 cd
(25%):	143 cd	(40%):	229 cd
(63%):	361 cd	(100%):	573 cd

C Plane (°):0.0-360.0: 15.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

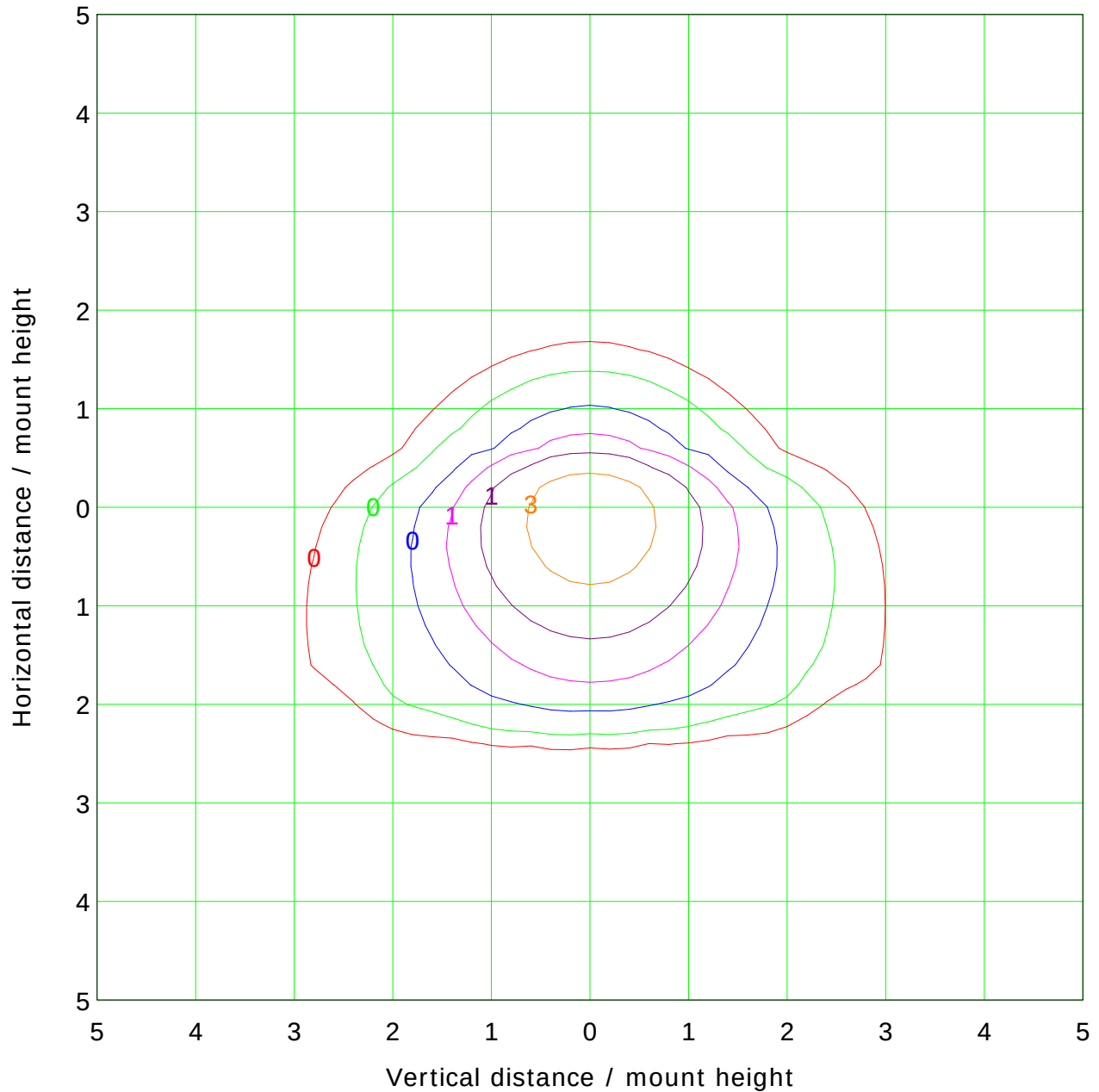
Test Device: GPM-2000

Distance: 7.970 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 5.3 lx	
(1%):	0.1 lx	(2%):	0.1 lx
(5%):	0.3 lx	(10%):	0.5 lx
(20%):	1.1 lx	(50%):	2.7 lx
(100%):	5.3 lx		

C Plane (°):0.0-360.0: 15.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-2000

Distance: 7.970 m

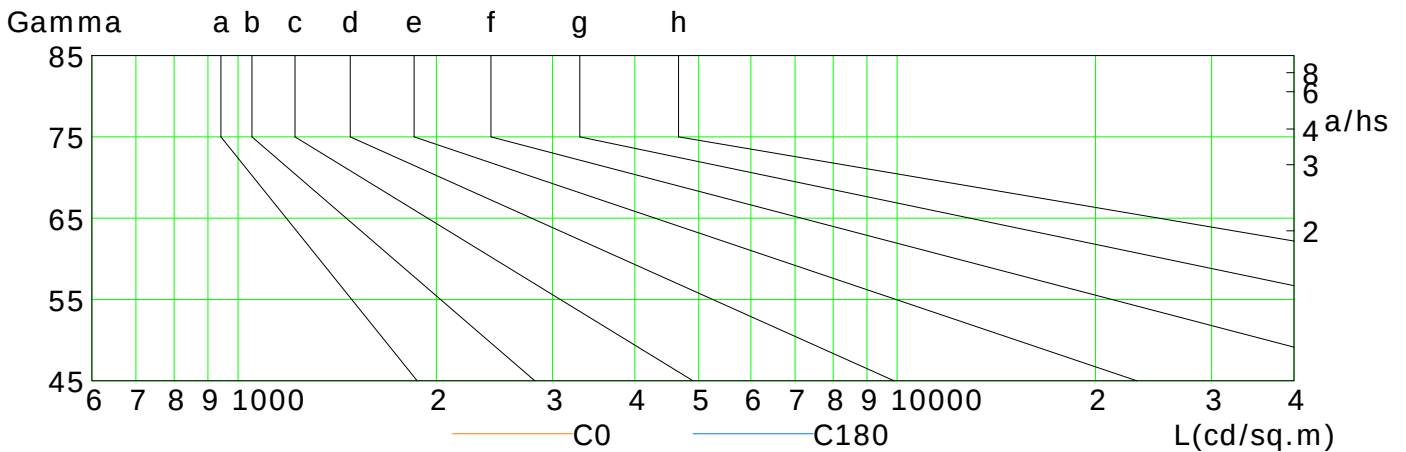
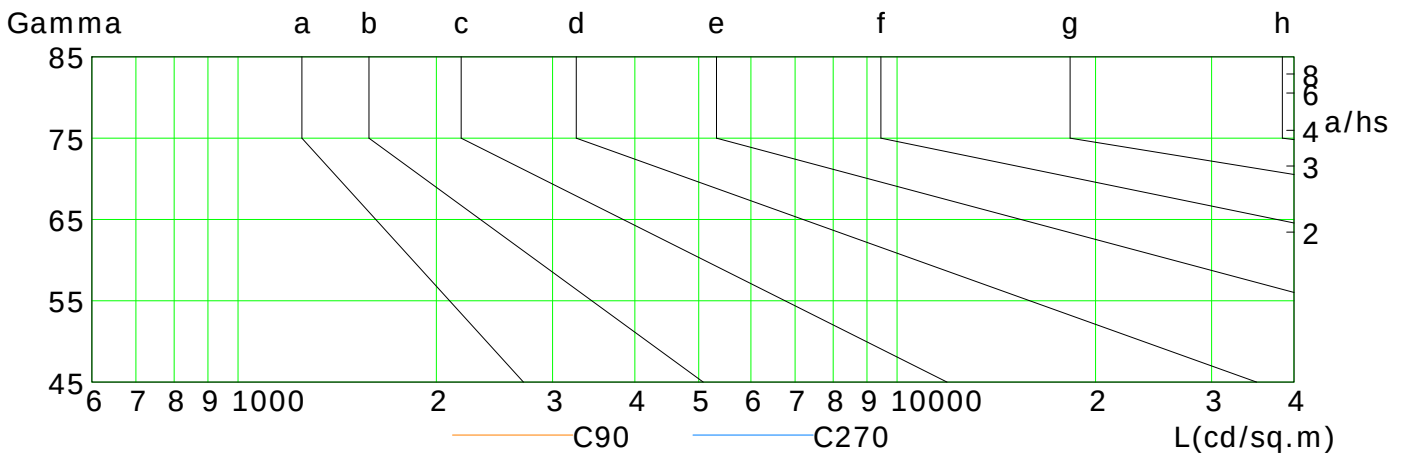
Humidity:

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	343	301	254	205	158	109	63	28	7
C90	528	501	477	454	252	47	37	33	24
C180	373	332	288	242	191	140	91	45	13
C270	81	65	49	37	31	25	19	11	3

C Plane (°):0.0-360.0: 15.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

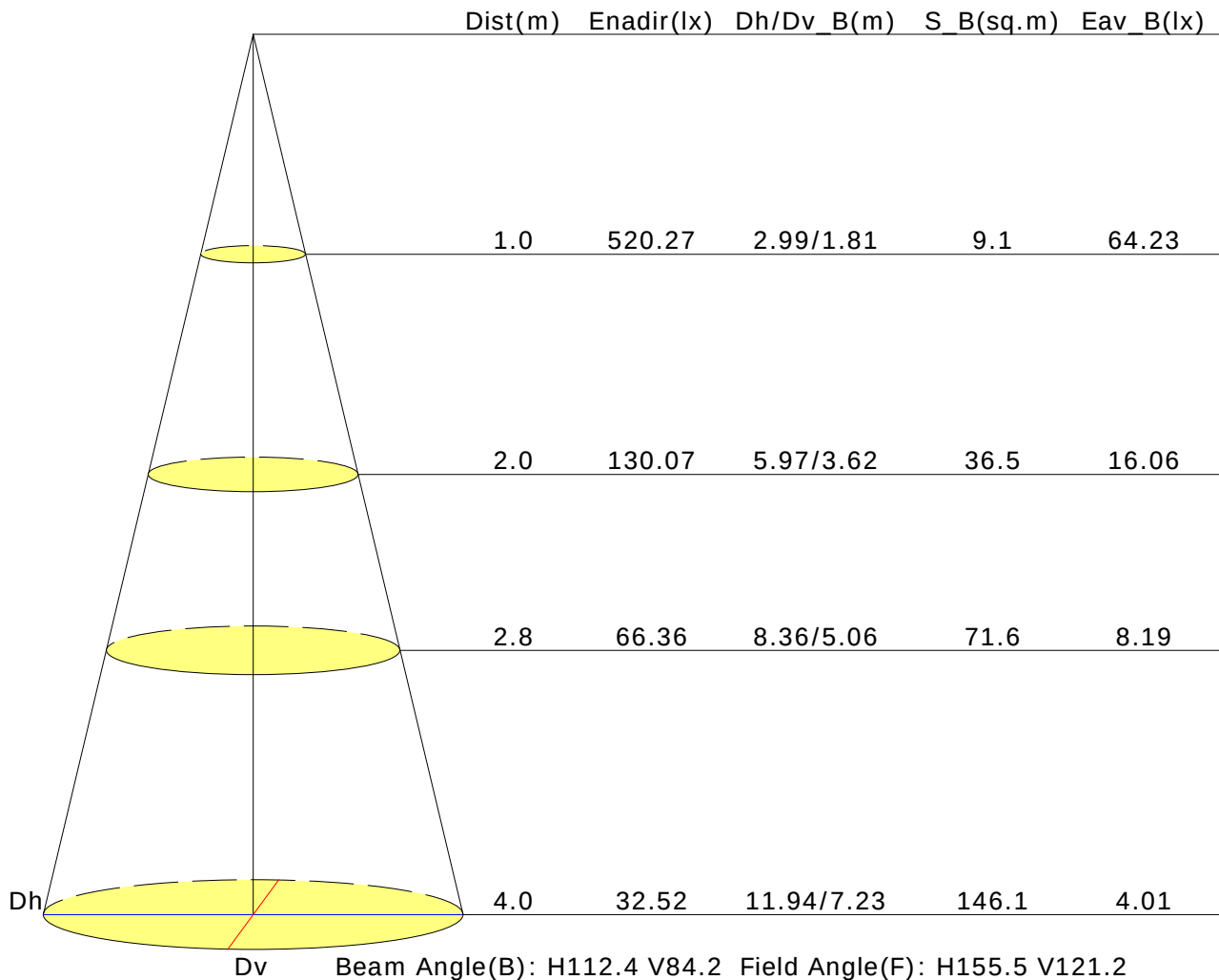
Test Device: GPM-2000

Distance: 7.970 m

Humidity:

Inspector:

Illuminance at a Distance



C Plane (°):0.0-360.0: 15.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

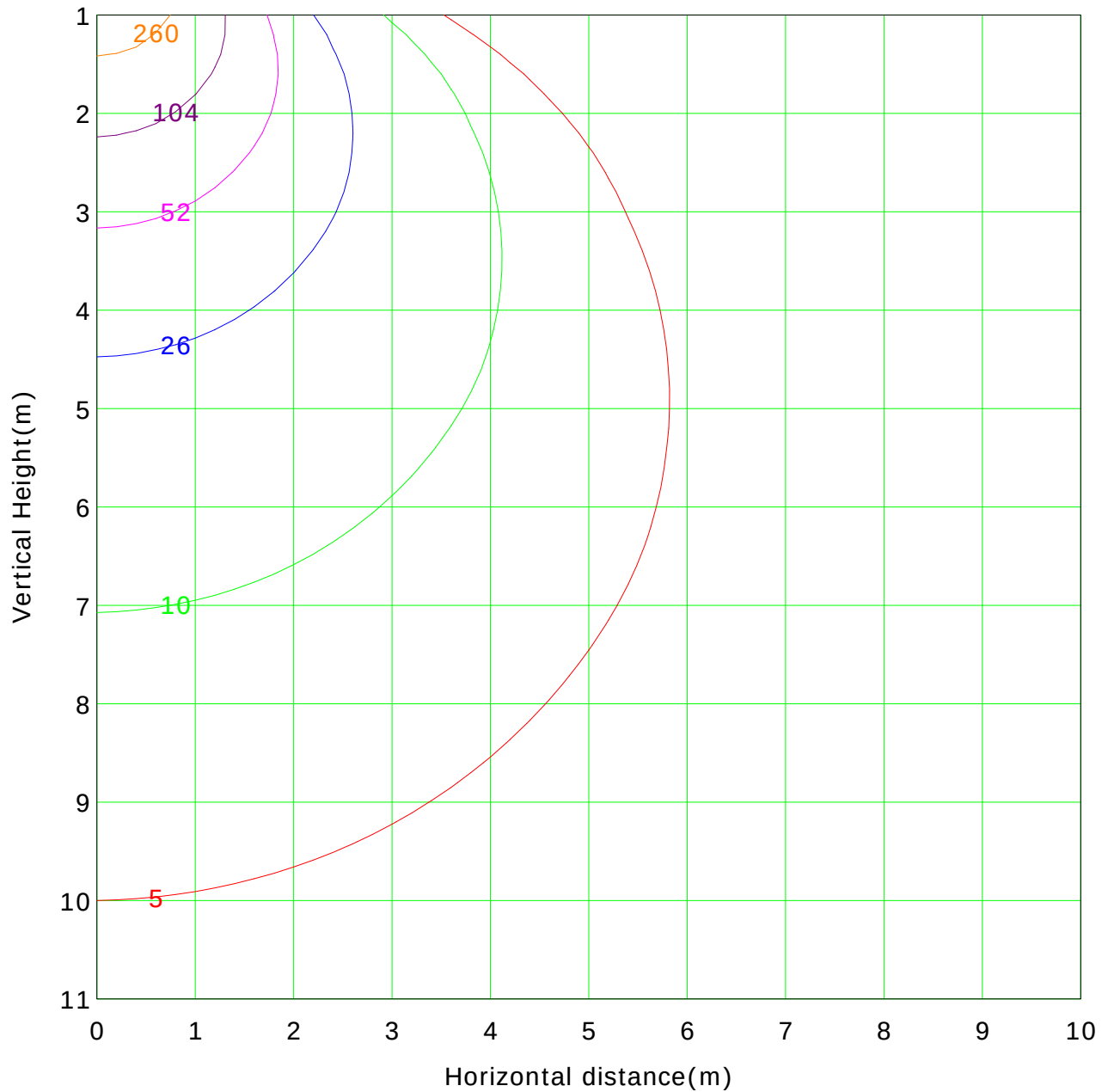
Test Device: GPM-2000

Distance: 7.970 m

Humidity:

Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 520.3 lx

(1%): 5.2 lx	(2%): 10.4 lx
(5%): 26.0 lx	(10%): 52.0 lx
(20%): 104.1 lx	(50%): 260.1 lx
(100%): 520.3 lx	

Report No.:

Test Time: 05/10/2018 16:55

Luminaire Property

Luminaire Manufacturer: Lighting Line

Luminaire Description: LLP-HR01-0203 + LLD-03-XK3-L1

Lamp Description: F52-400-60822

Voltage: 24.0 V

Current: 0.583 A

Power: 13.99 W

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 1336.9 lm

Downward Ratio: 100%

Total Rated Lamp Lumens: 1336.9 lm

Efficiency: 100%

Upward Ratio: 0%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 157.0, 116.3, 124.7, 123.6

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 87.5, 54.7, 61.2, 60.3

Luminaire Efficacy Rating (LER): 95.61

Central Intensity: 419.9 cd

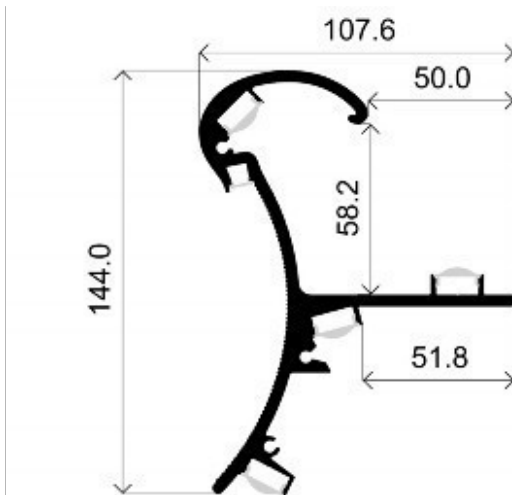
Max. Intensity: 768.12 cd

Pos of Max. Intensity: H285 V33

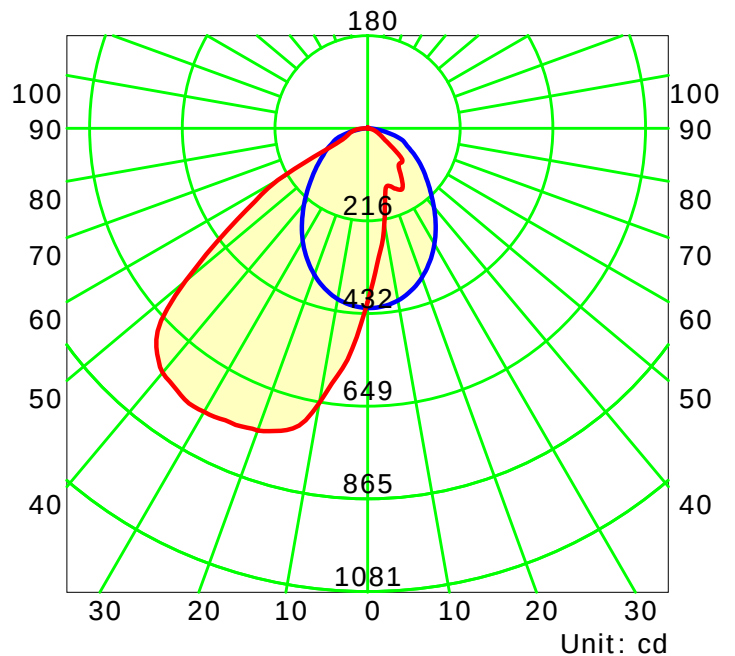
S/MH(C0/C180): 1.11

S/MH(C90/C270): 1.62

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 15.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

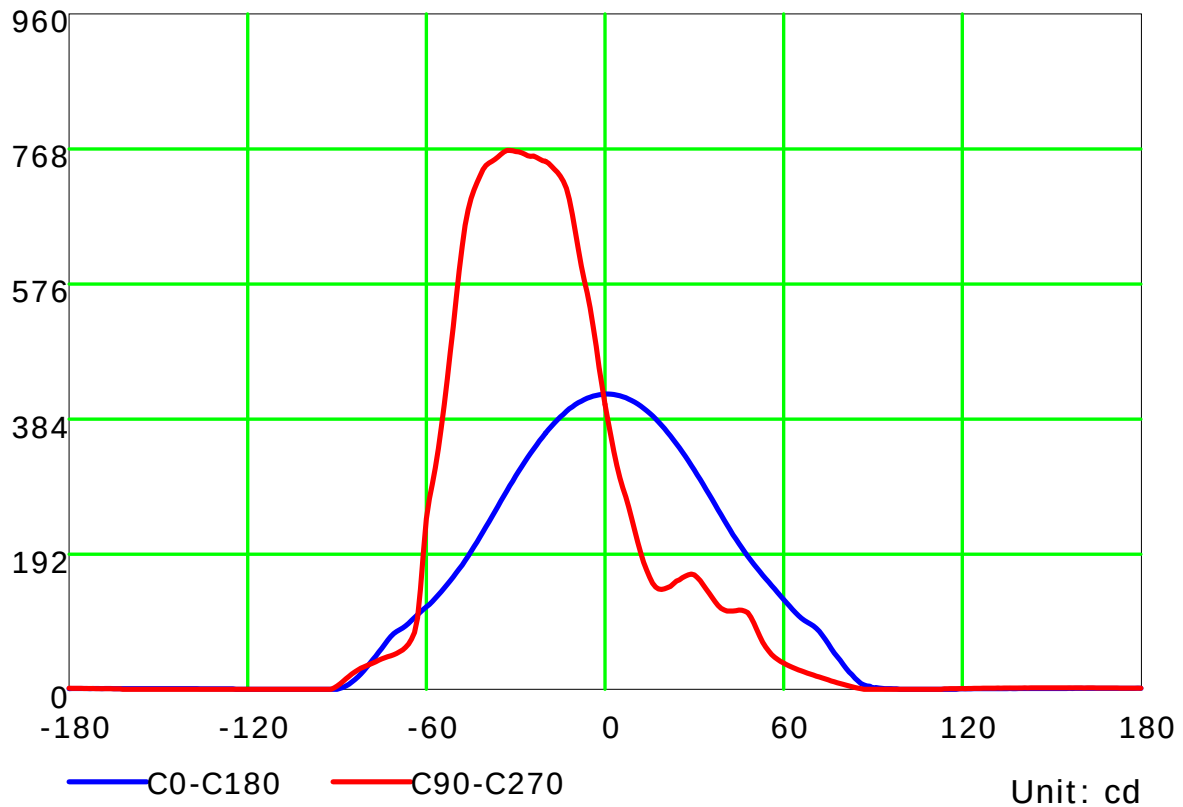
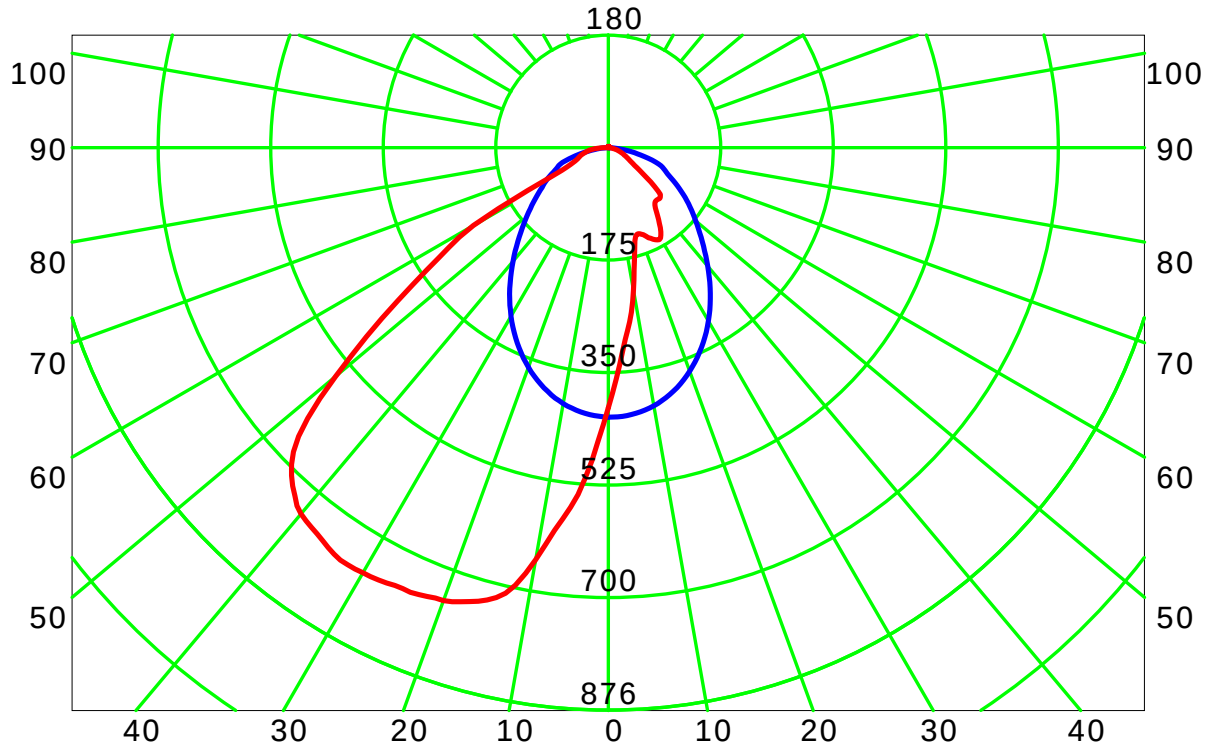
Test Device: GPM-2000

Distance: 7.970 m

Humidity:

Inspector:

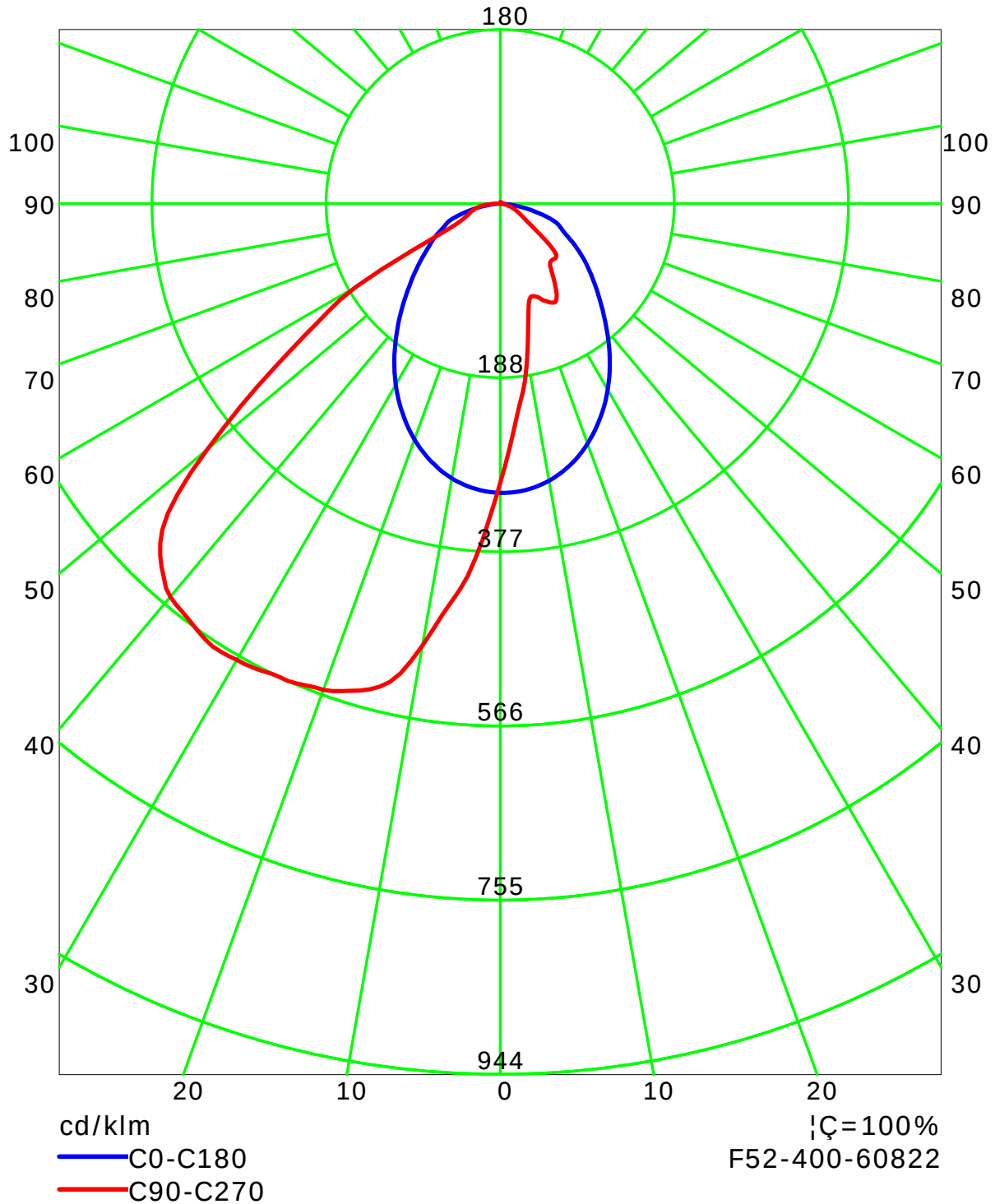
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 15.0
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:

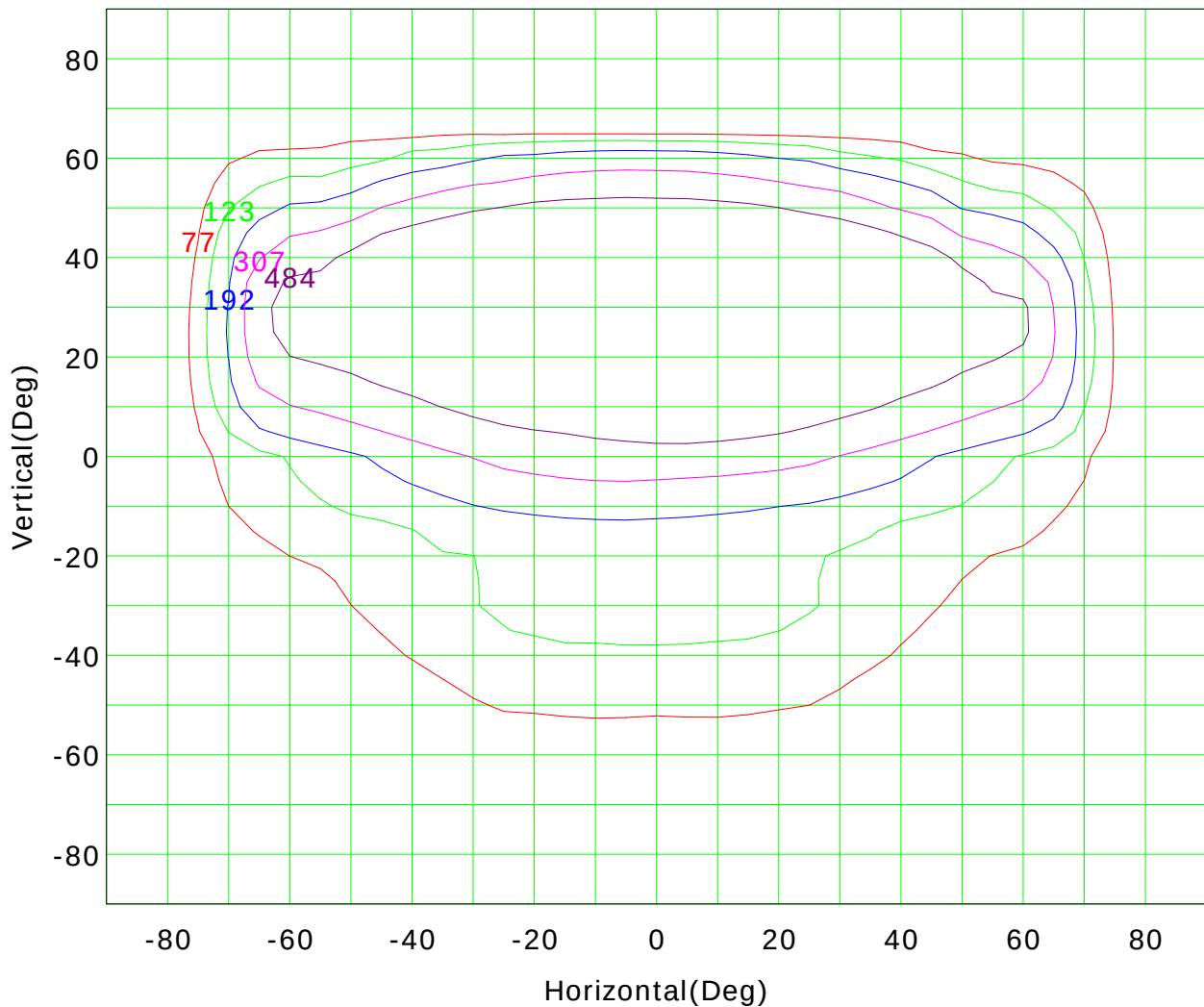
Luminous Intensity Distribution Curve(cd / klm)



C Plane (°):0.0-360.0: 15.0
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%): 768 cd

(10%):	77 cd	(16%):	123 cd
(25%):	192 cd	(40%):	307 cd
(63%):	484 cd	(100%):	768 cd

C Plane (°):0.0-360.0: 15.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

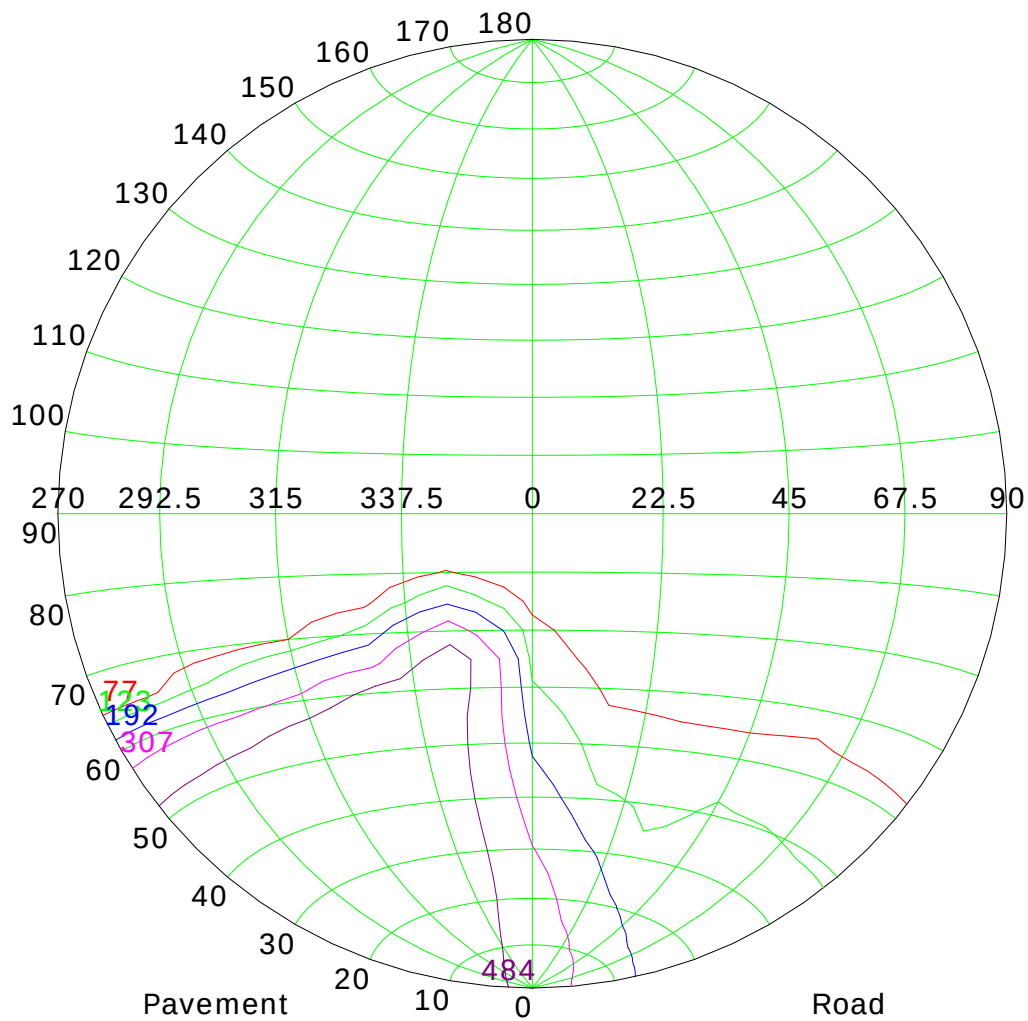
Test Device: GPM-2000

Distance: 7.970 m

Humidity:

Inspector:

Isocandela (sphere)



I_{max} (100%): 768 cd

(10%): 77 cd	(16%): 123 cd
(25%): 192 cd	(40%): 307 cd
(63%): 484 cd	(100%): 768 cd

C Plane (°):0.0-360.0: 15.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

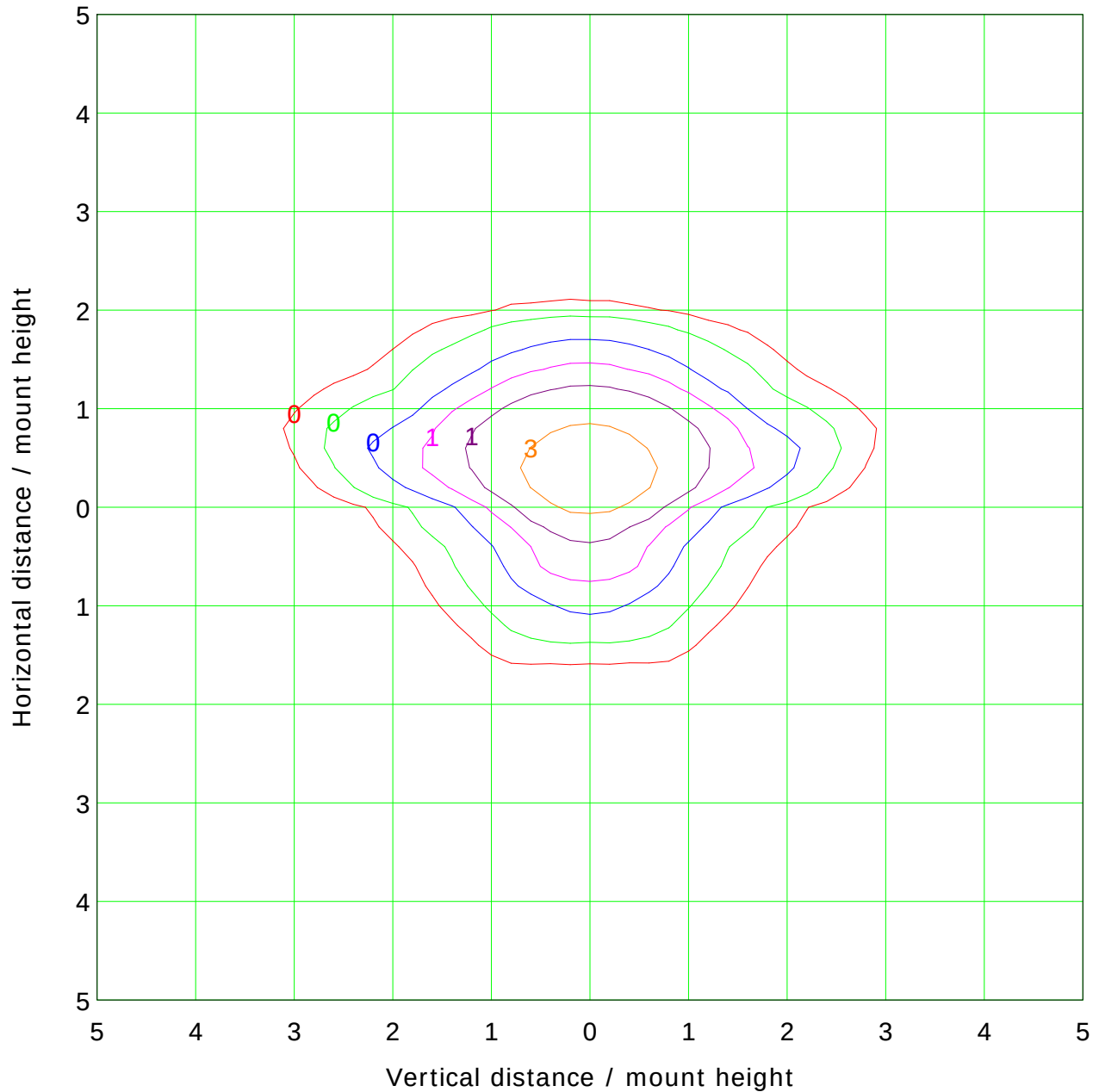
Test Device: GPM-2000

Distance: 7.970 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 6.6 lx

(1%): 0.1 lx	(2%): 0.1 lx
(5%): 0.3 lx	(10%): 0.7 lx
(20%): 1.3 lx	(50%): 3.3 lx
(100%): 6.6 lx	

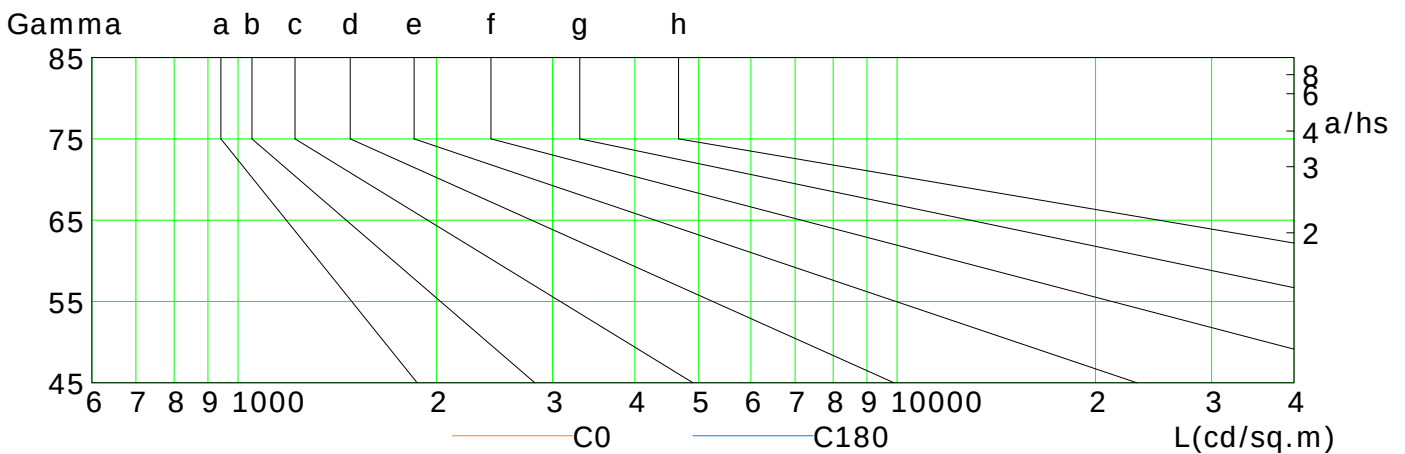
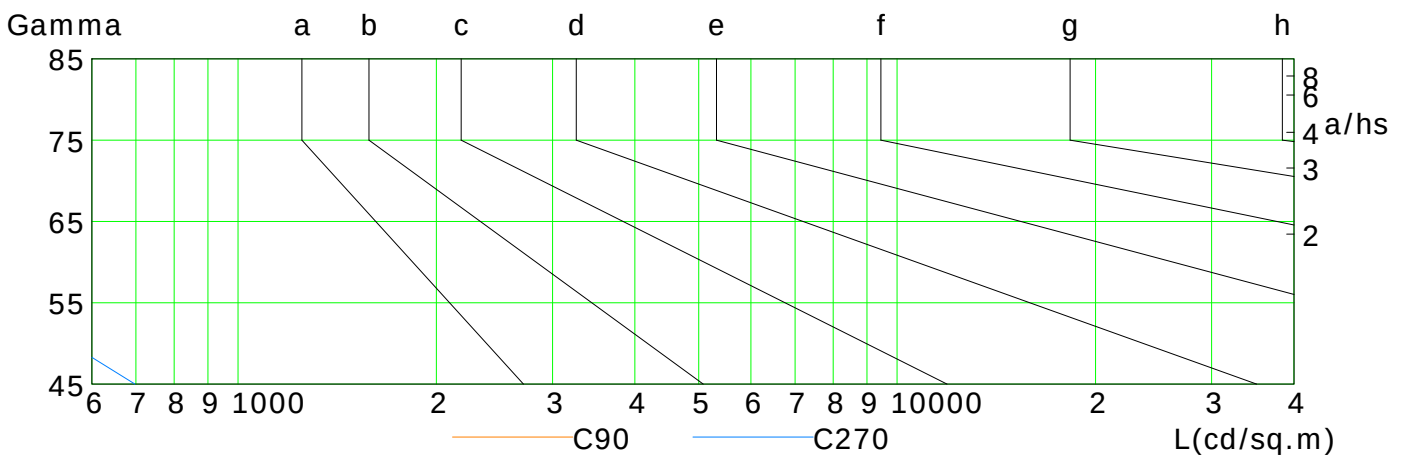
C Plane (°):0.0-360.0: 15.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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	207	178	153	128	105	90	65	35	12
C90	113	94	54	37	28	20	13	7	2
C180	196	166	139	117	98	82	58	32	11
C270	698	555	372	243	71	51	43	34	22

C Plane (°):0.0-360.0: 15.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

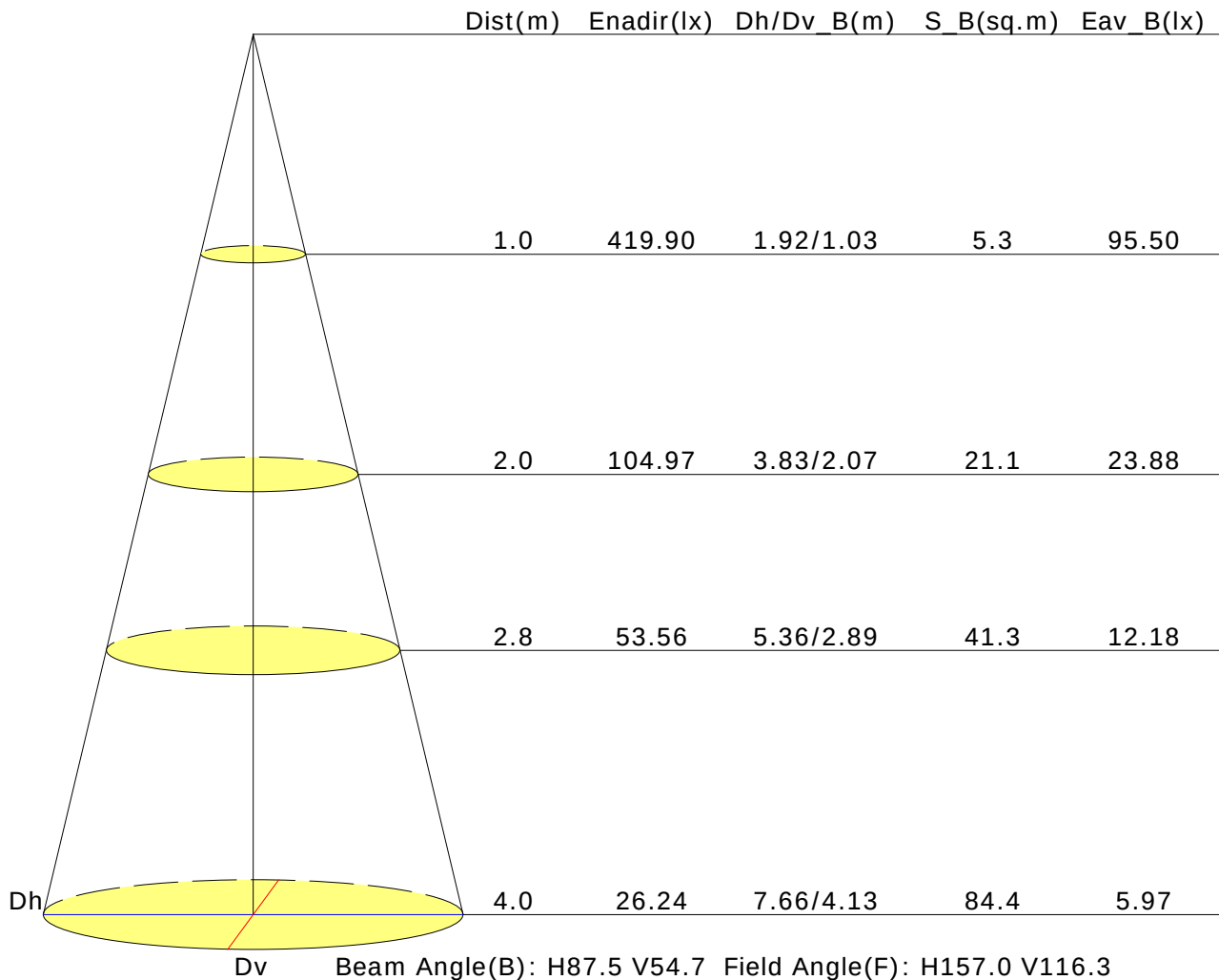
Test Device: GPM-2000

Distance: 7.970 m

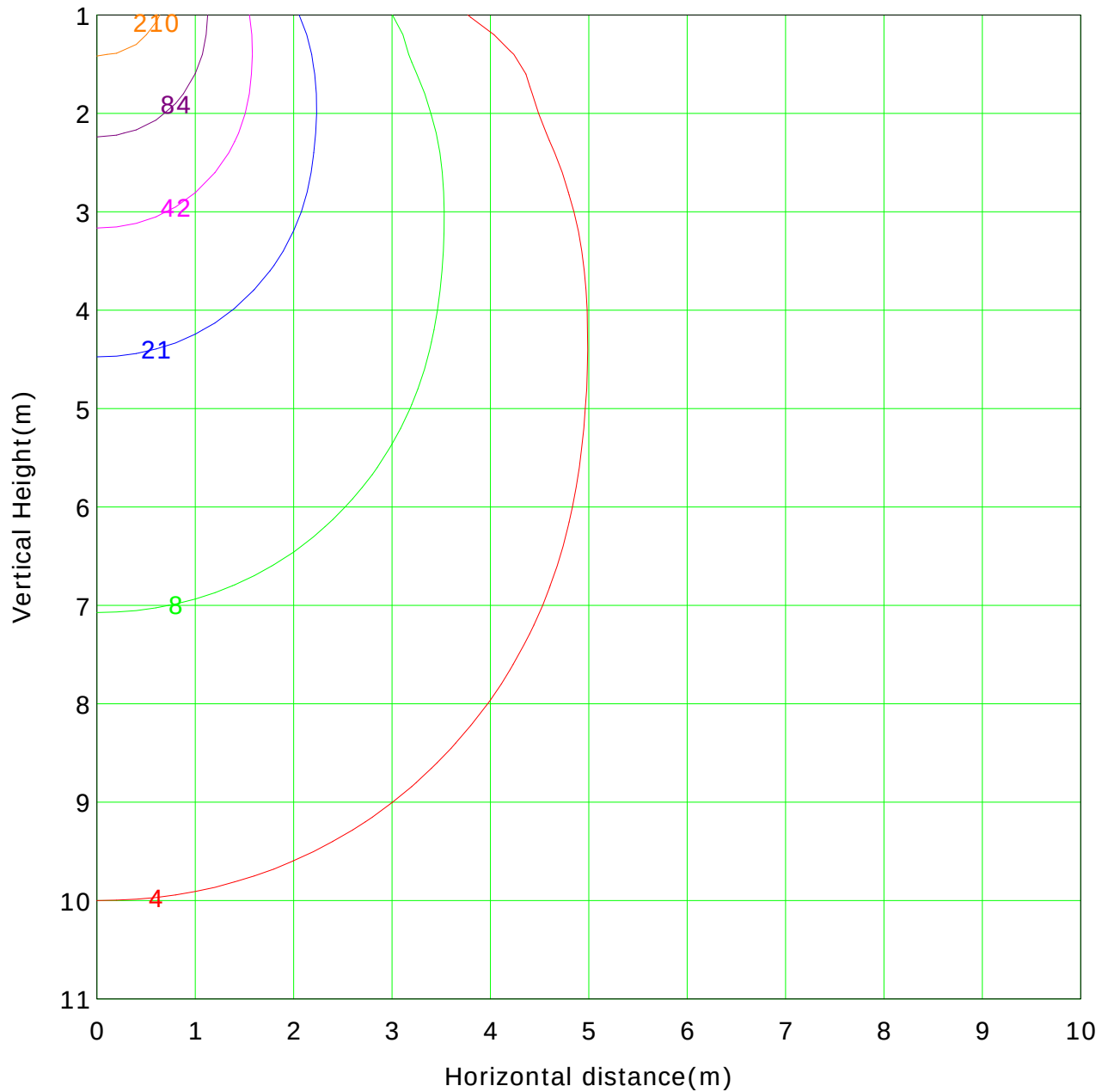
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 419.9 lx

(1%): 4.2 lx	(2%): 8.4 lx
(5%): 21.0 lx	(10%): 42.0 lx
(20%): 84.0 lx	(50%): 209.9 lx
(100%): 419.9 lx	

Report No.:

Test Time: 05/10/2018 10:03

Luminaire Property

Luminaire Manufacturer: Lighting Line

Luminaire Description: LLP-HR01-0203 + LLD-03-FK

Lamp Description: F52-400-60822

Voltage: 24.0 V

Current: 0.582 A

Power: 13.95 W

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 1181.3 lm

Downward Ratio: 96%

Total Rated Lamp Lumens: 1181.3 lm

Efficiency: 100%

Upward Ratio: 4%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 156.2, 105.2, 110.5, 112.5

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 115.1, 73.8, 87.5, 89.2

Luminaire Efficacy Rating (LER): 84.73

Central Intensity: 565.14 cd

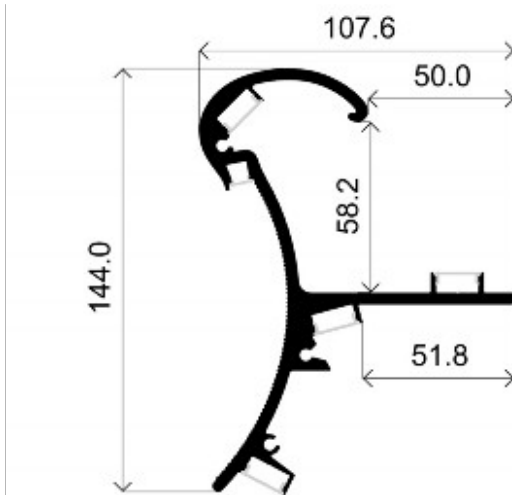
Max. Intensity: 568.85 cd

Pos of Max. Intensity: H105 V8

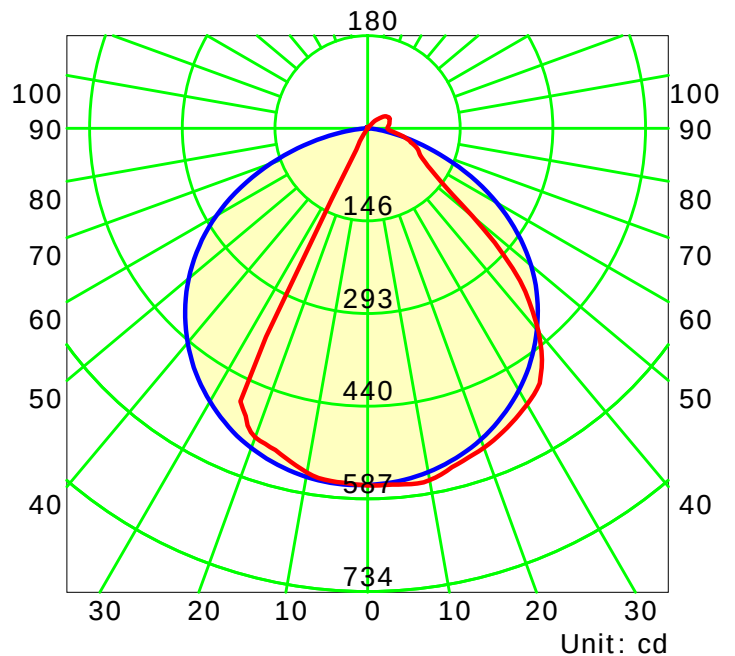
S/MH(C0/C180): 1.29

S/MH(C90/C270): 0.99

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 15.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

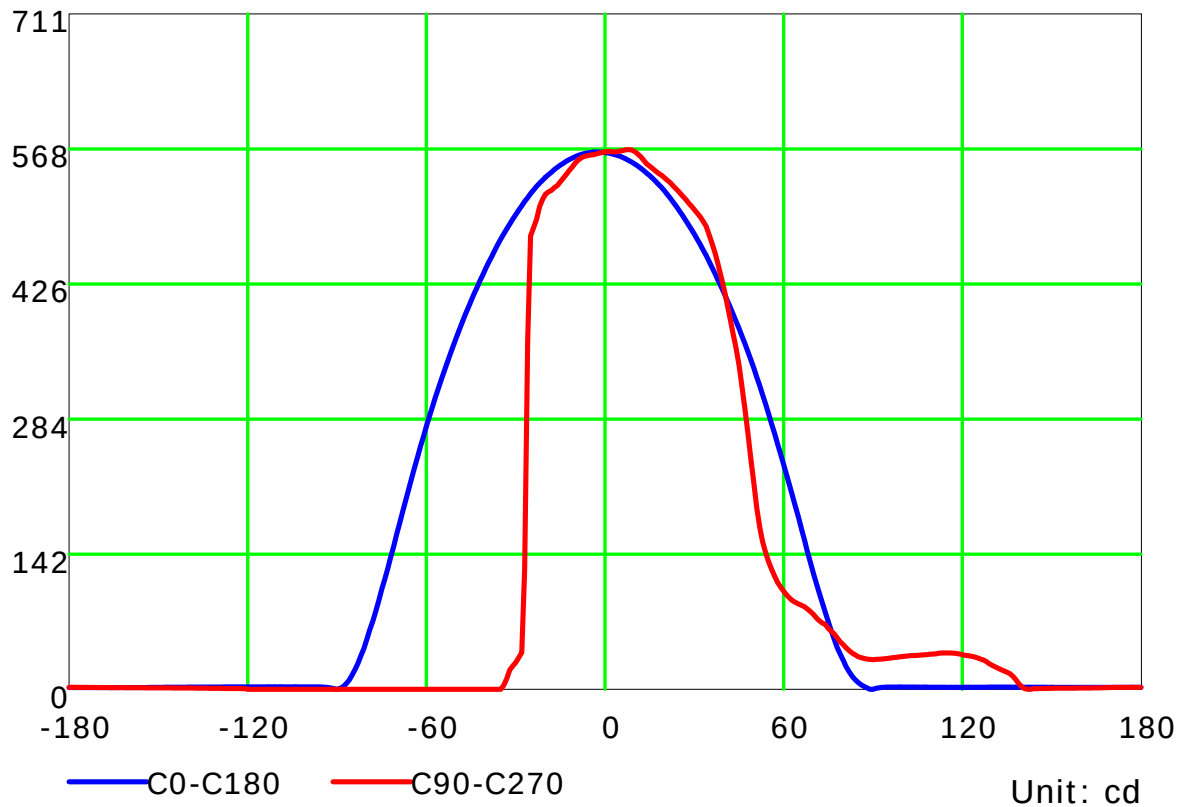
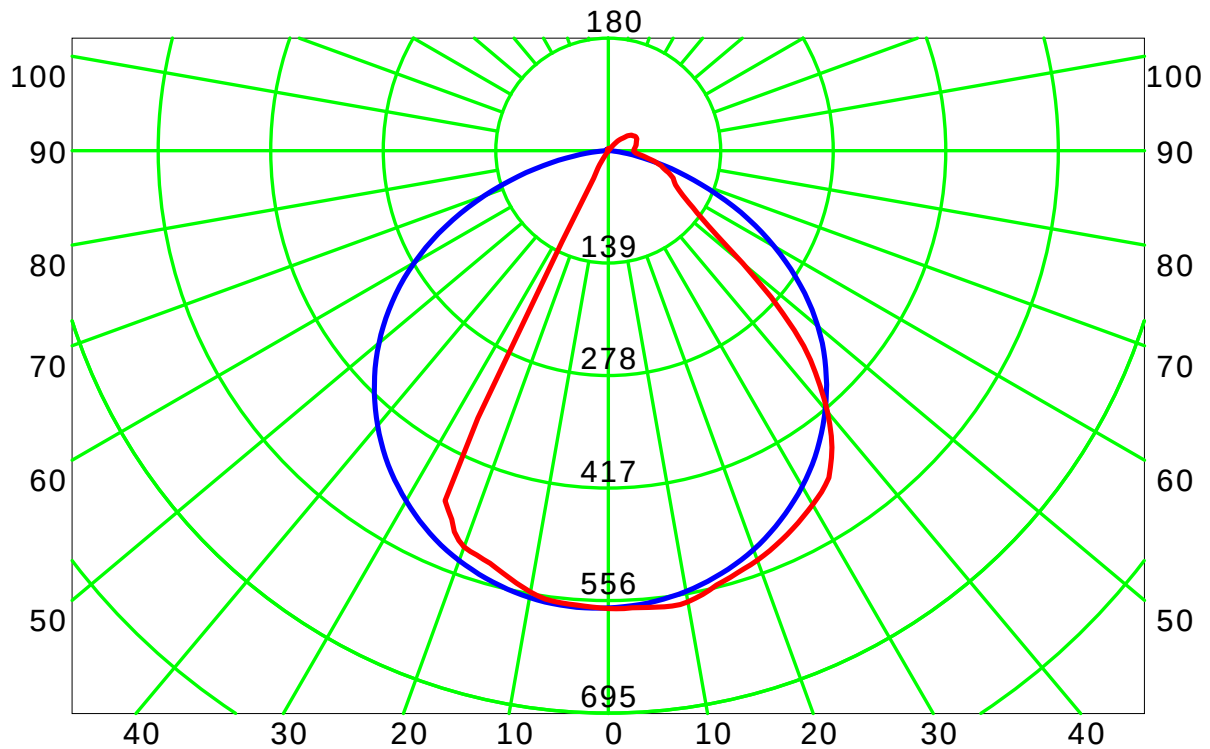
Test Device: GPM-2000

Distance: 7.970 m

Humidity:

Inspector:

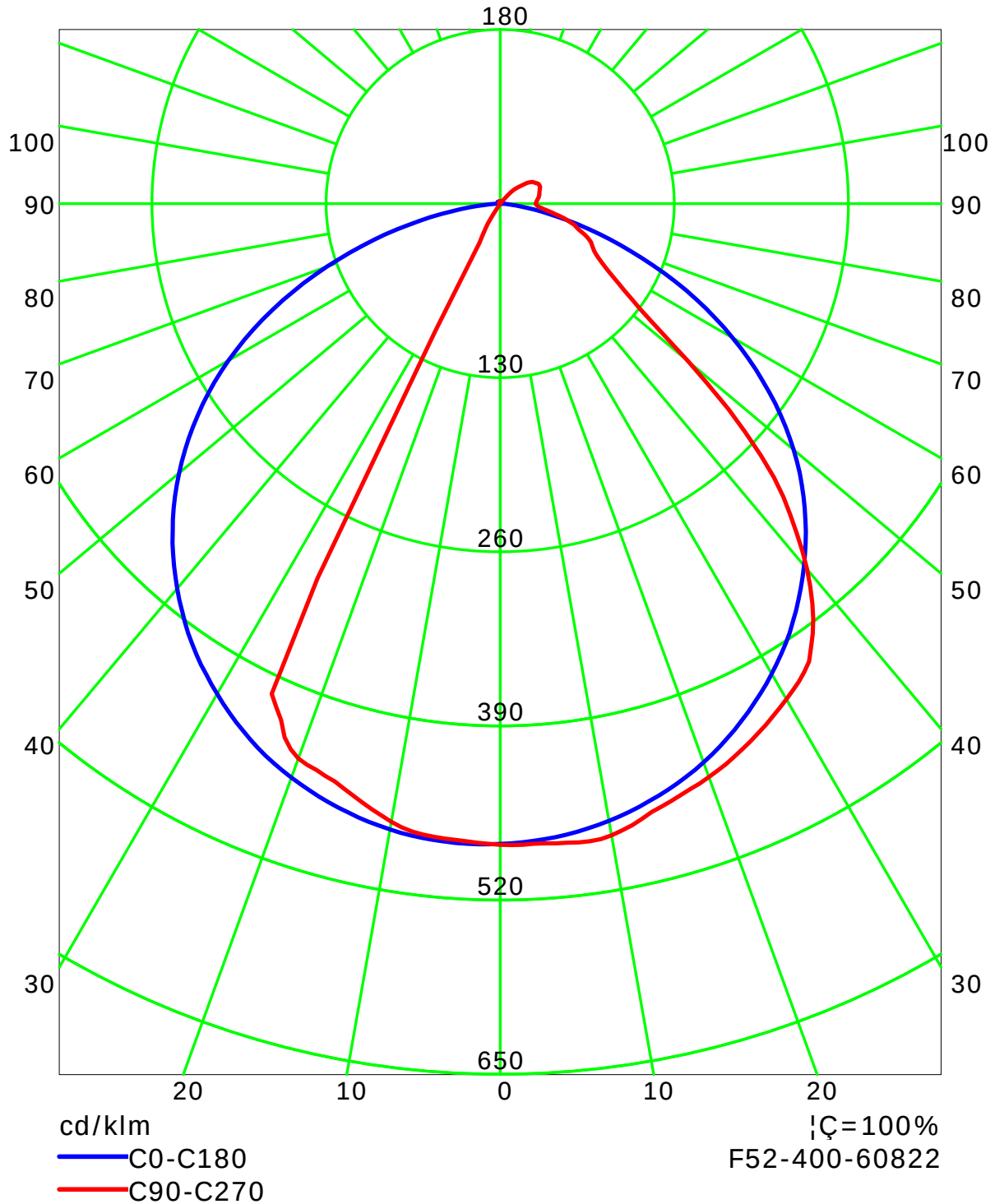
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 15.0
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:

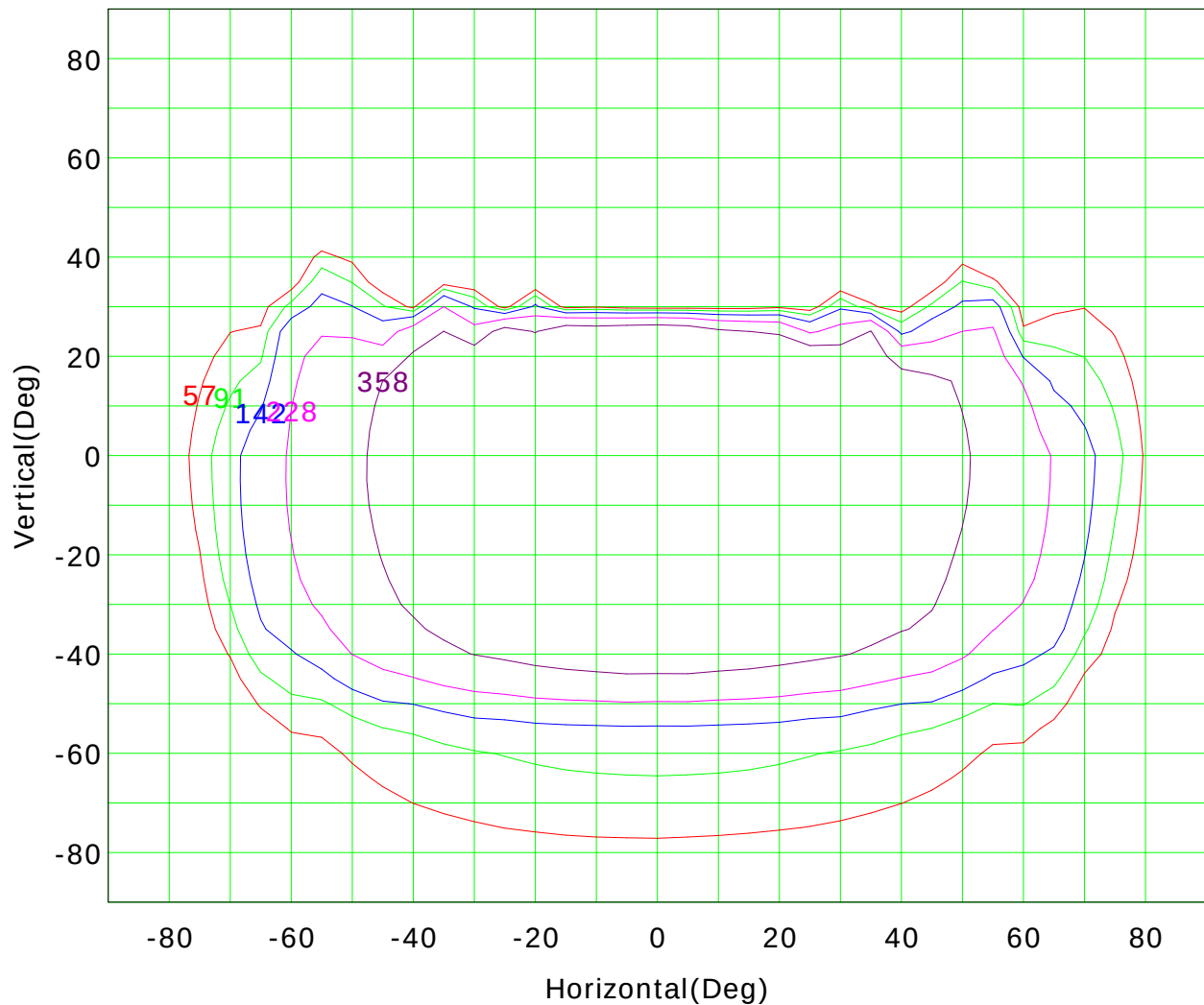
Luminous Intensity Distribution Curve(cd / klm)



C Plane (°):0.0-360.0: 15.0
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%): 569 cd

(10%):	57 cd	(16%):	91 cd
(25%):	142 cd	(40%):	228 cd
(63%):	358 cd	(100%):	569 cd

C Plane (°):0.0-360.0: 15.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

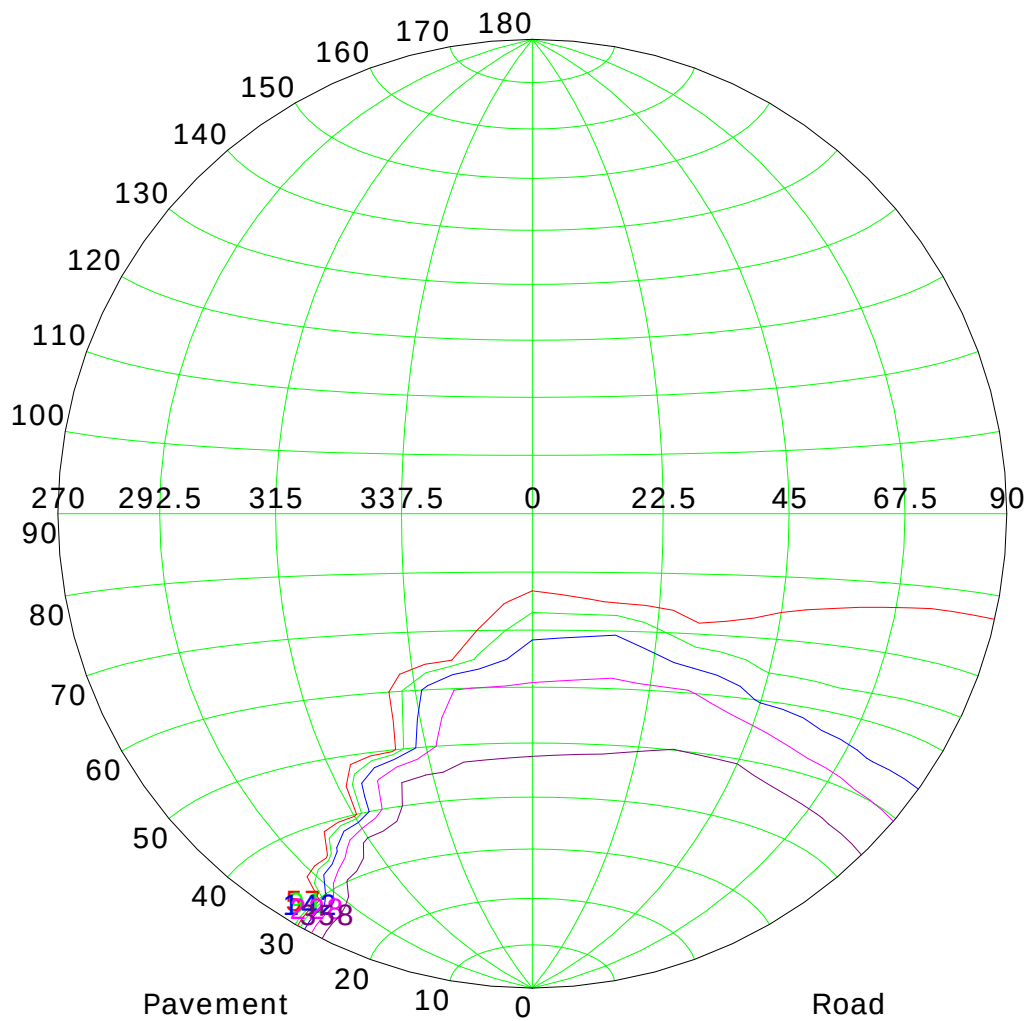
Test Device: GPM-2000

Distance: 7.970 m

Humidity:

Inspector:

Isocandela (sphere)



I_{max} (100%): 569 cd

(10%):	57 cd	(16%):	91 cd
(25%):	142 cd	(40%):	228 cd
(63%):	358 cd	(100%):	569 cd

C Plane (°):0.0-360.0: 15.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

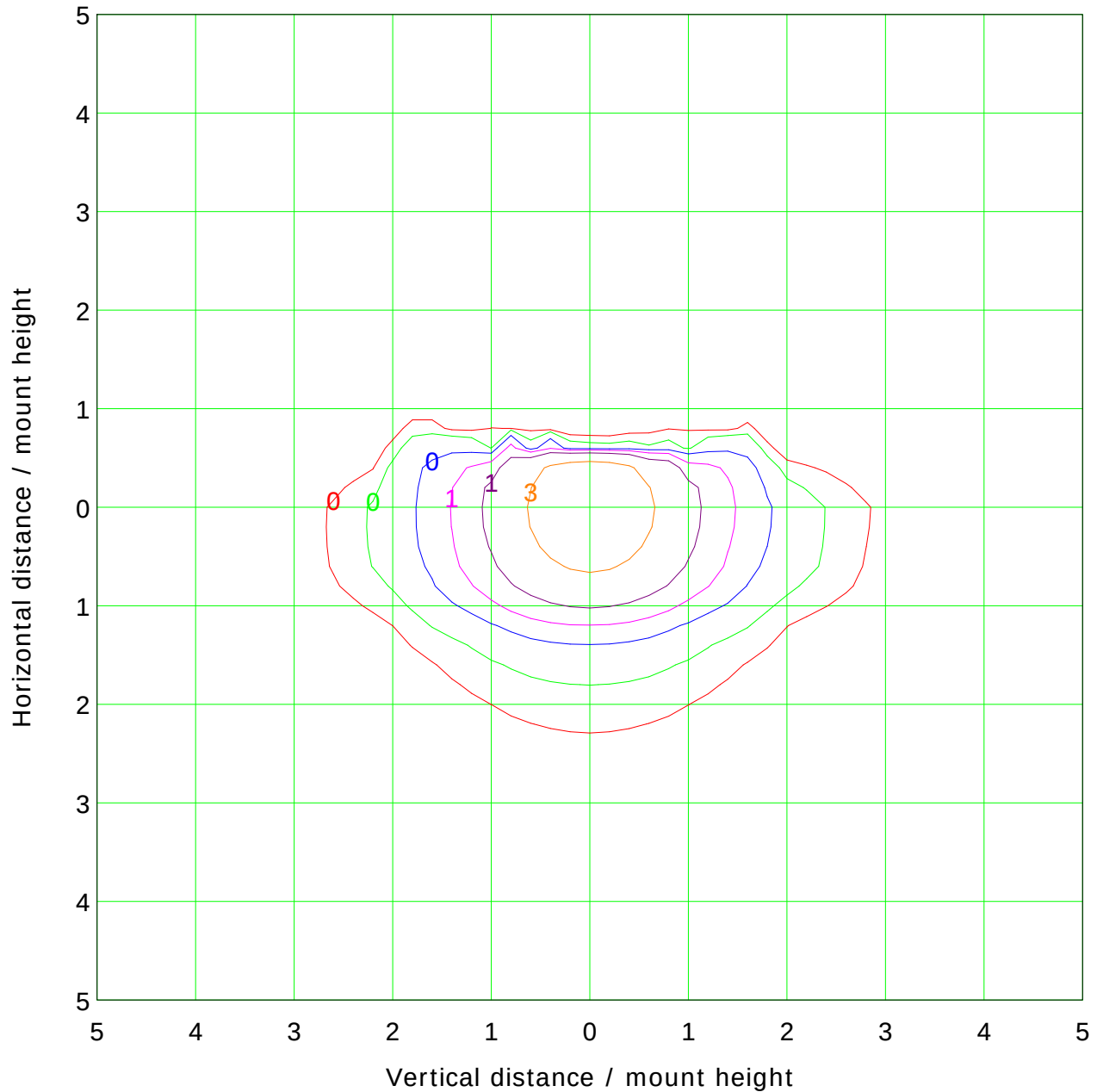
Test Device: GPM-2000

Distance: 7.970 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 5.7 lx

(1%): 0.1 lx	(2%): 0.1 lx
(5%): 0.3 lx	(10%): 0.6 lx
(20%): 1.1 lx	(50%): 2.8 lx
(100%): 5.7 lx	

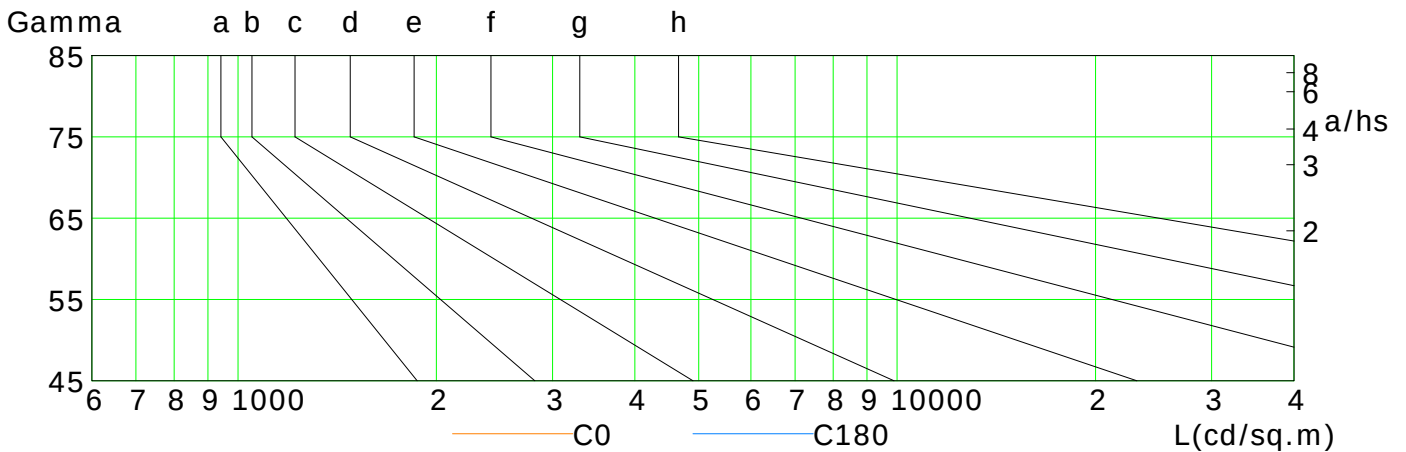
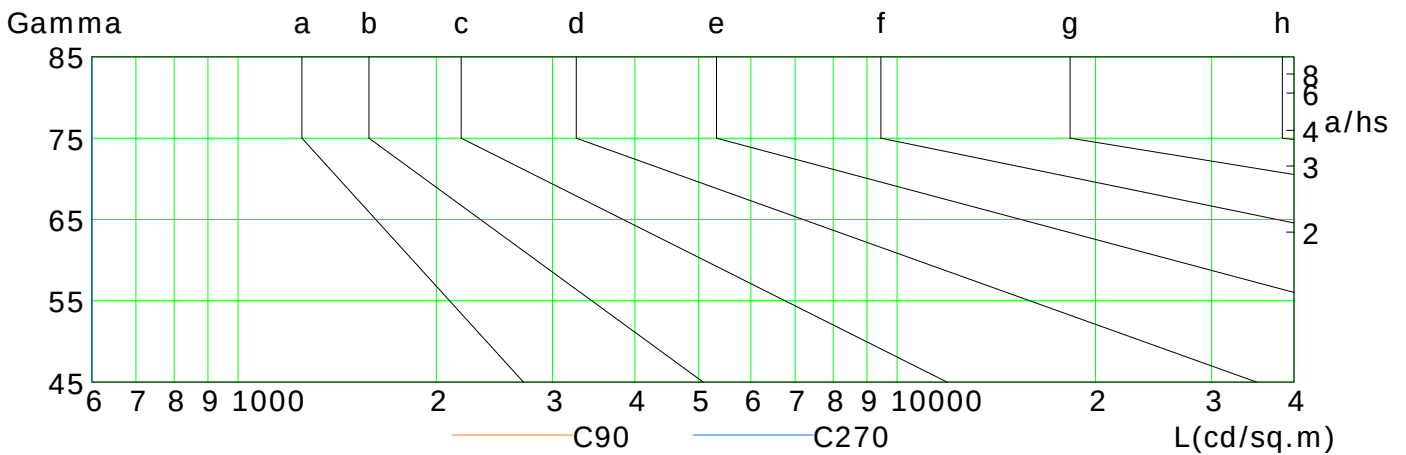
C Plane (°):0.0-360.0: 15.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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	380	338	290	237	181	122	71	31	7
C90	342	217	134	103	90	79	64	47	34
C180	409	370	326	277	222	163	105	53	15
C270	0	0	0	0	0	0	0	0	0

C Plane (°):0.0-360.0: 15.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

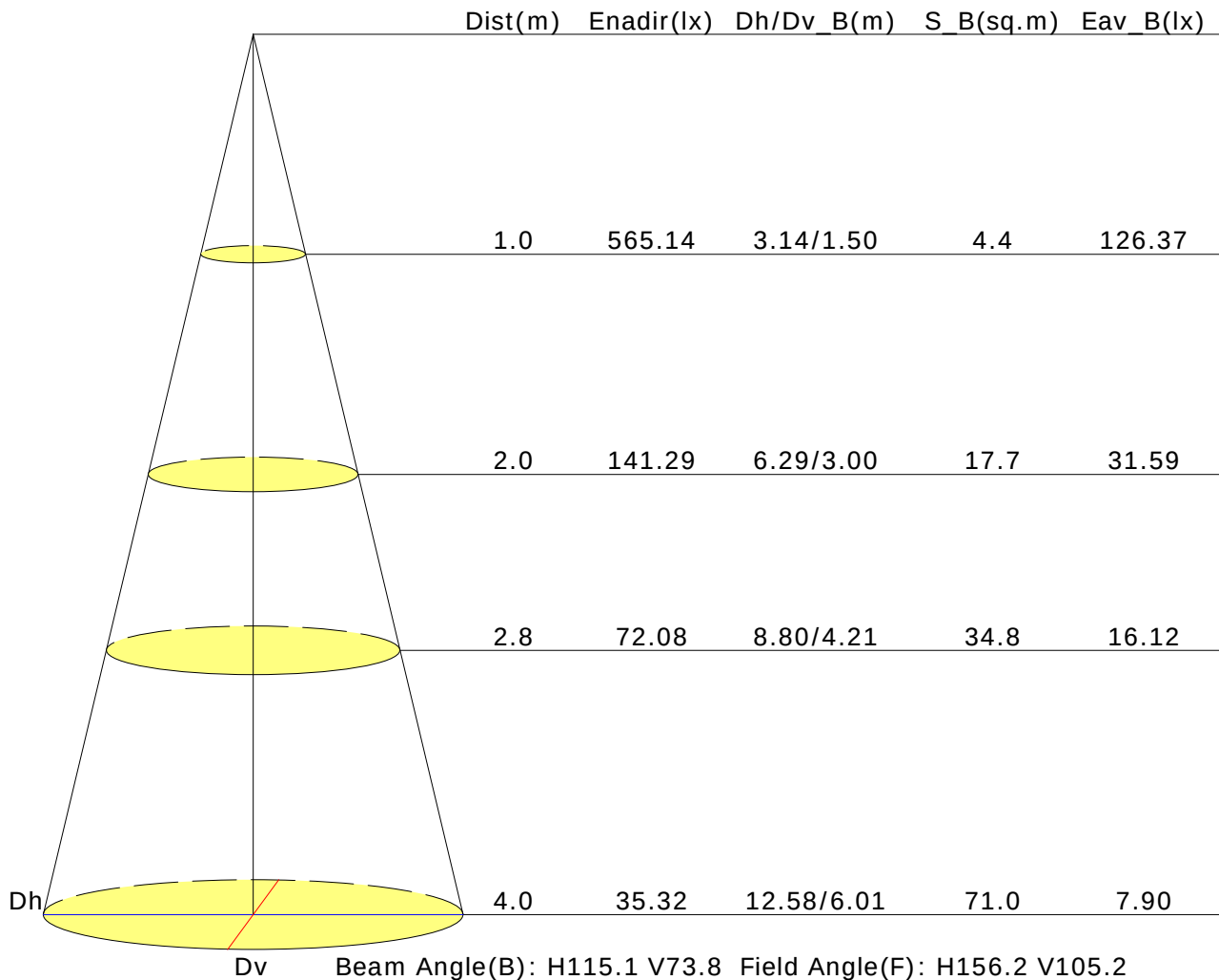
Test Device: GPM-2000

Distance: 7.970 m

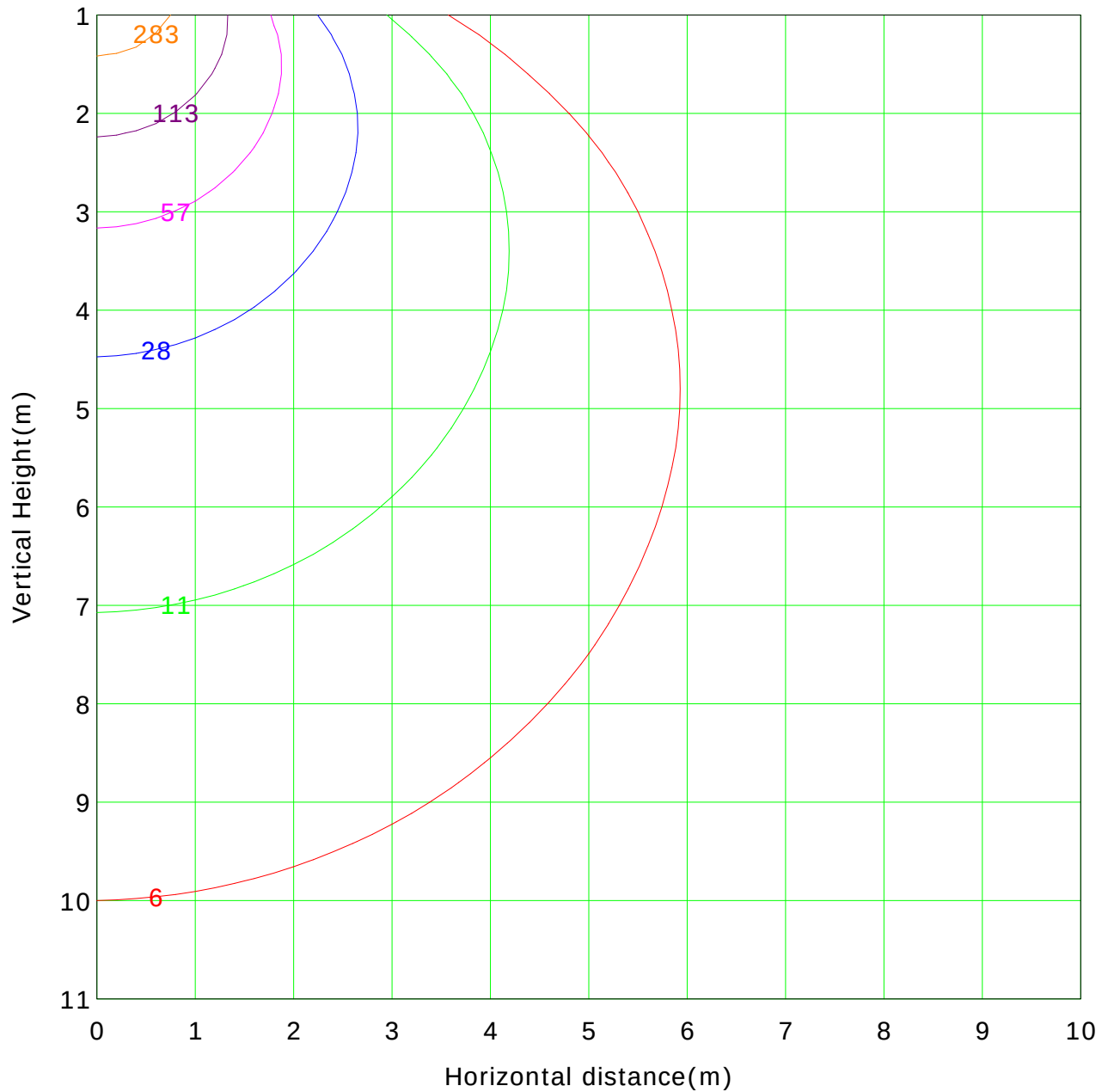
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 565.1 lx

(1%): 5.7 lx	(2%): 11.3 lx
(5%): 28.3 lx	(10%): 56.5 lx
(20%): 113.0 lx	(50%): 282.6 lx
(100%): 565.1 lx	

Report No.:

Test Time: 05/10/2018 14:26

Luminaire Property

Luminaire Manufacturer: Lighting Line

Luminaire Description: LLP-HR01-0203 + LLD-03-FK

Lamp Description: F52-400-60822

Voltage: 24.0 V

Current: 0.582 A

Power: 13.97 W

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 1069.7 lm

Downward Ratio: 97%

Total Rated Lamp Lumens: 1069.7 lm

Efficiency: 100%

Upward Ratio: 3%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 155.7, 106.4, 103.4, 104.2

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 115.4, 66.3, 70.2, 70.4

Luminaire Efficacy Rating (LER): 76.62

Central Intensity: 358.52 cd

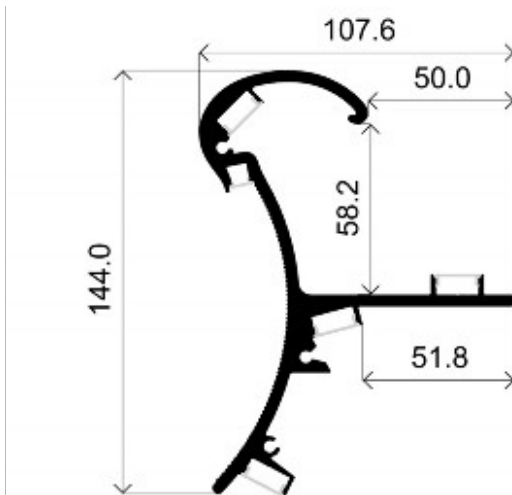
Max. Intensity: 560.54 cd

Pos of Max. Intensity: H90 V24

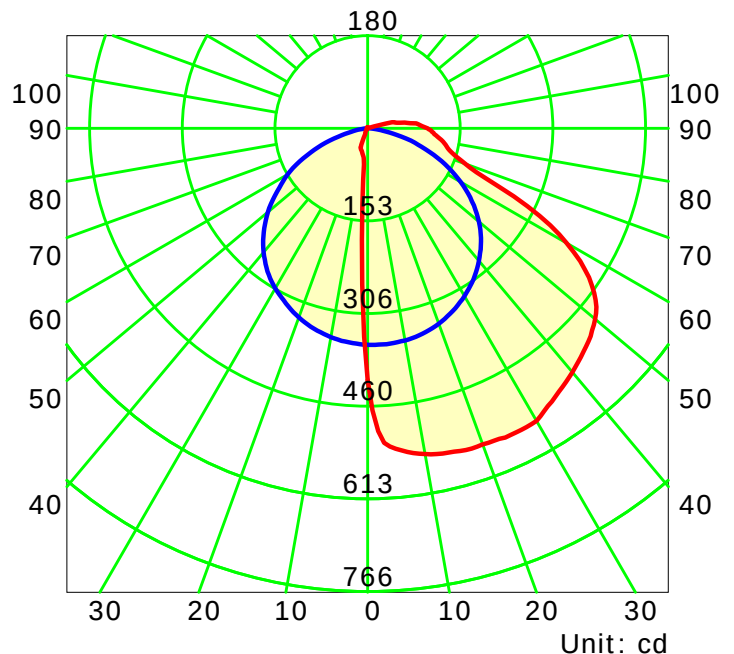
S/MH(C0/C180): 1.30

S/MH(C90/C270): 0.96

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 15.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

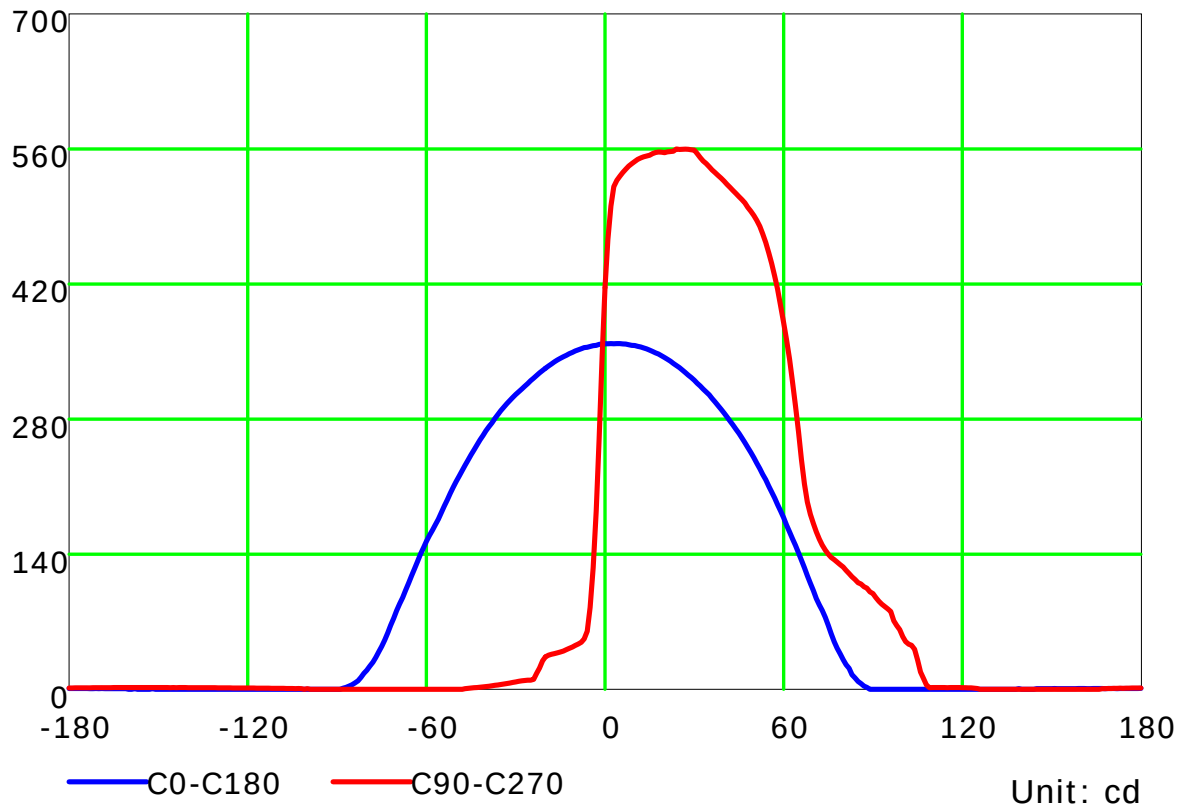
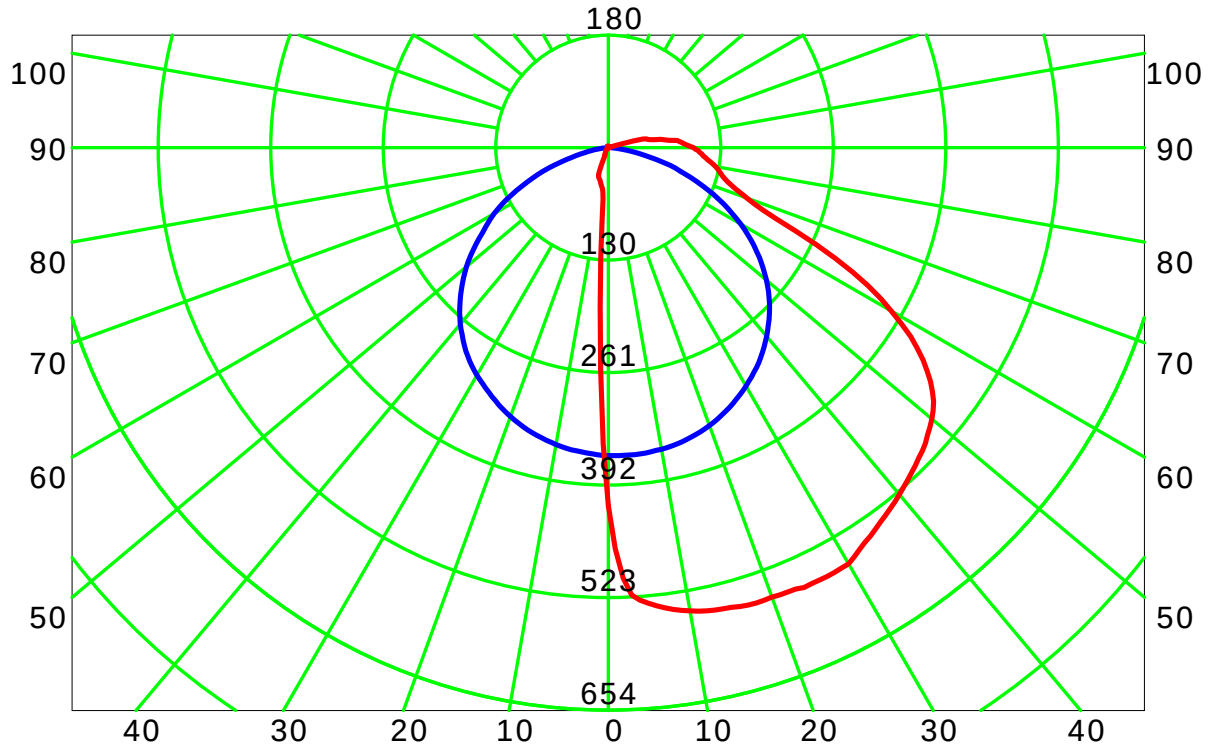
Test Device: GPM-2000

Distance: 7.970 m

Humidity:

Inspector:

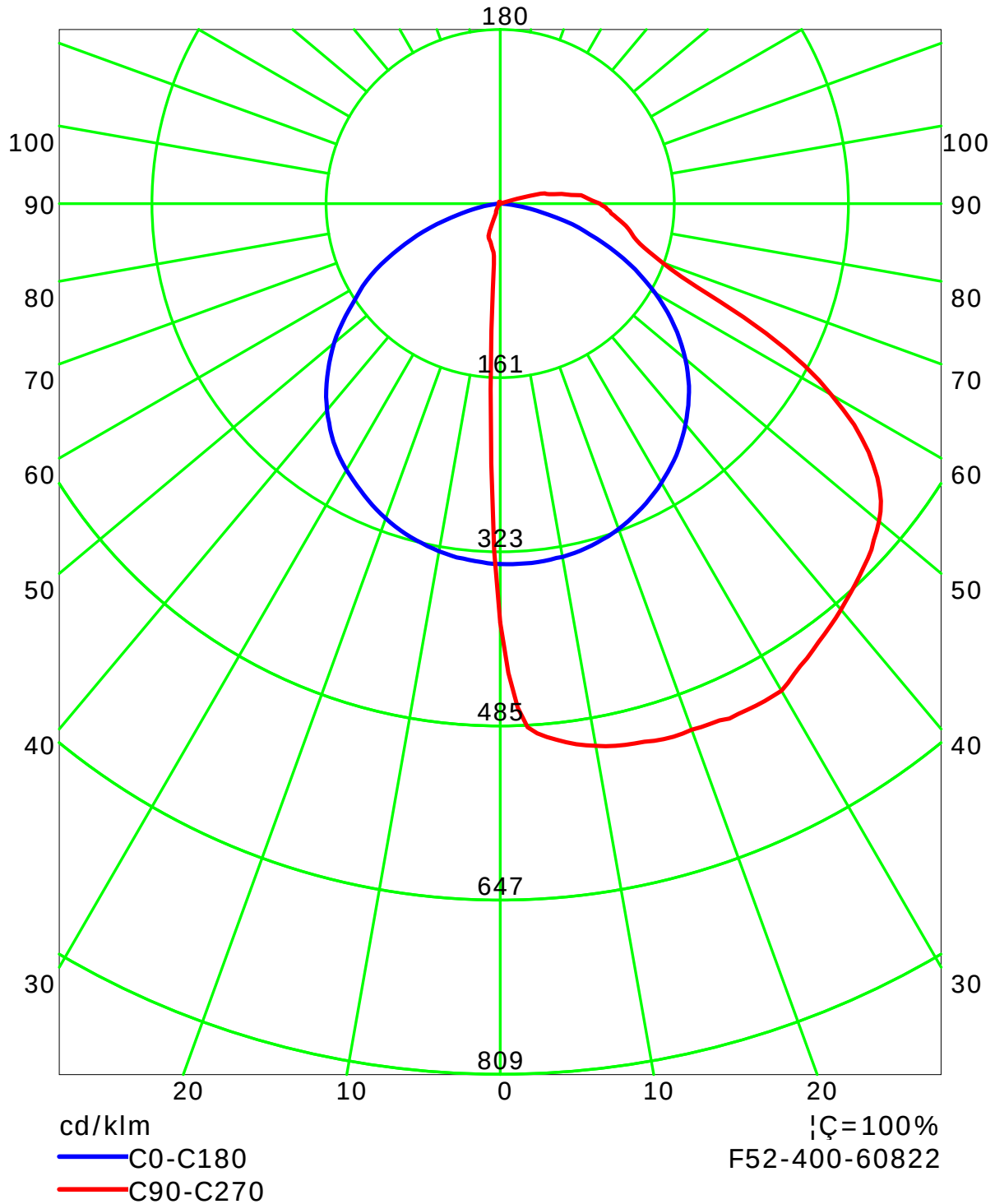
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 15.0
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:

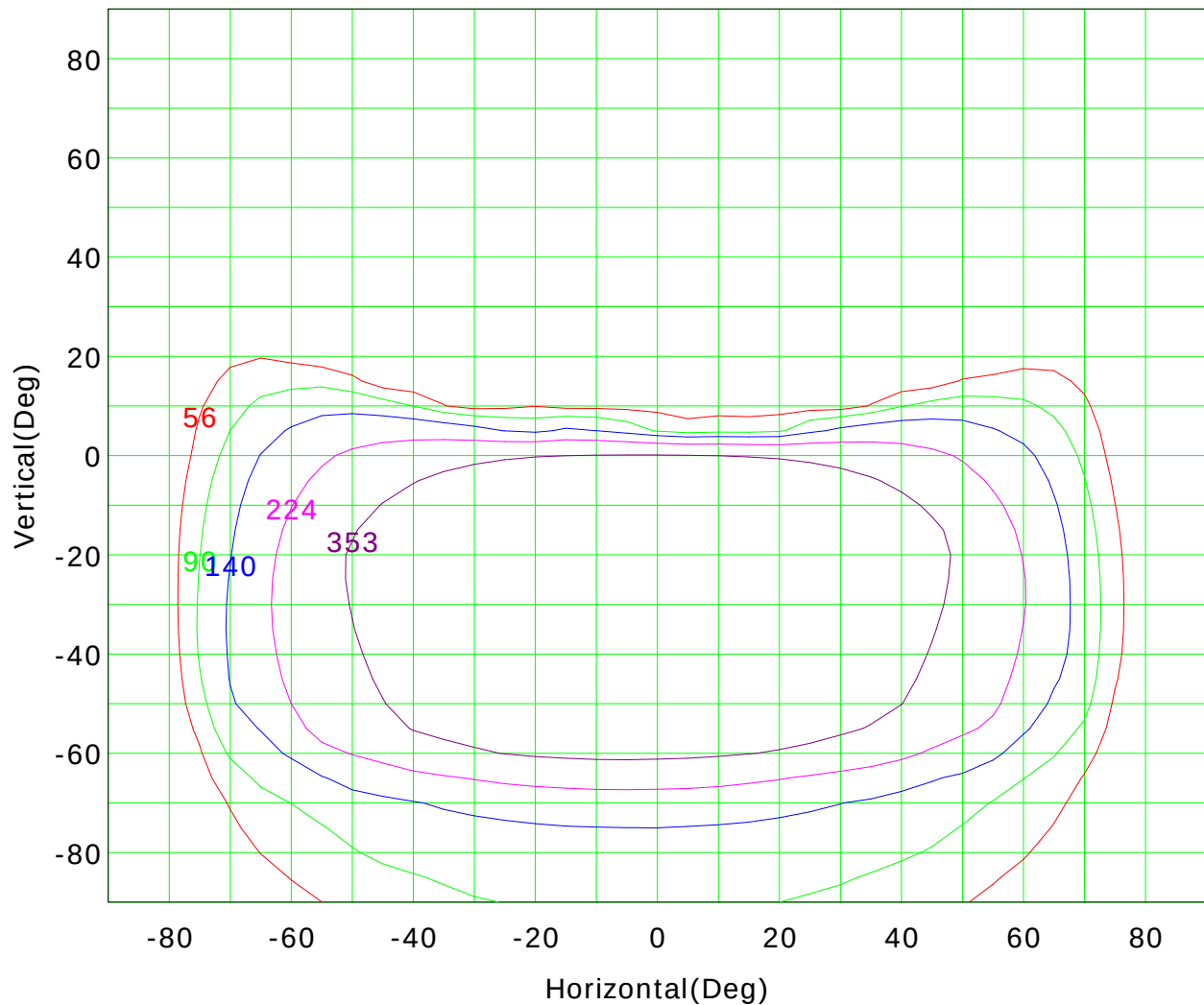
Luminous Intensity Distribution Curve(cd / klm)



C Plane (°):0.0-360.0: 15.0
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%): 561 cd

(10%):	56 cd	(16%):	90 cd
(25%):	140 cd	(40%):	224 cd
(63%):	353 cd	(100%):	561 cd

C Plane (°):0.0-360.0: 15.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

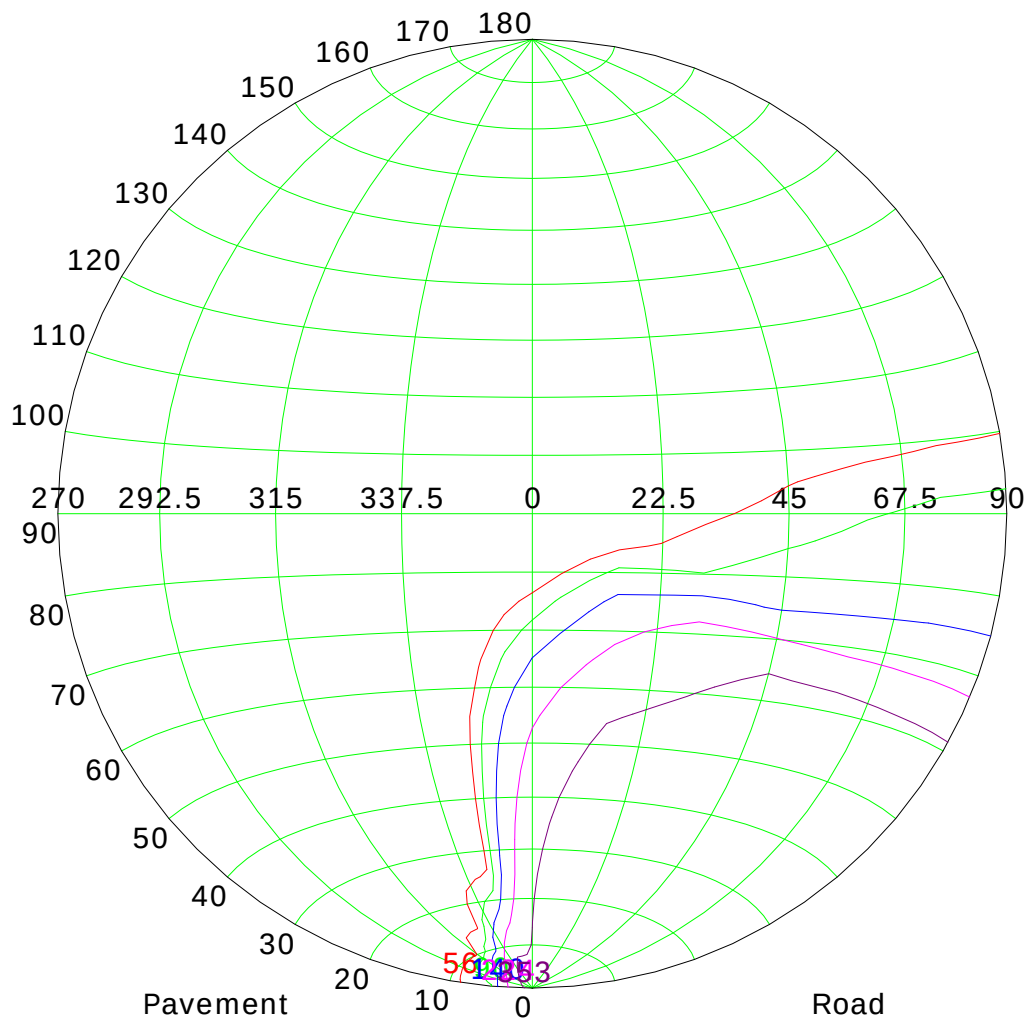
Test Device: GPM-2000

Distance: 7.970 m

Humidity:

Inspector:

Isocandela (sphere)



I_{max} (100%): 561 cd

(10%):	56 cd	(16%):	90 cd
(25%):	140 cd	(40%):	224 cd
(63%):	353 cd	(100%):	561 cd

C Plane (°):0.0-360.0: 15.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

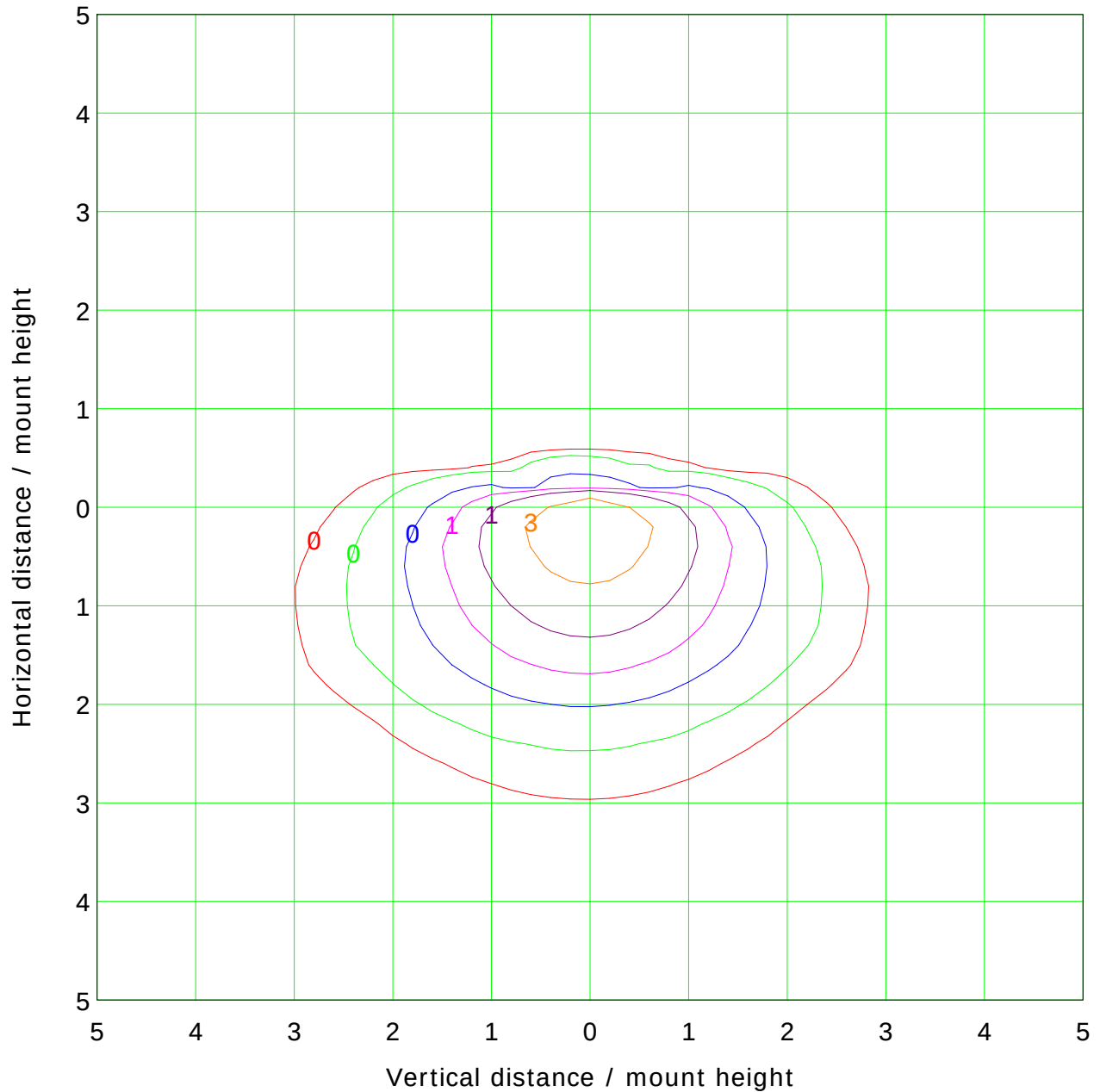
Test Device: GPM-2000

Distance: 7.970 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 5.3 lx

— (1%): 0.1 lx	— (2%): 0.1 lx
— (5%): 0.3 lx	— (10%): 0.5 lx
— (20%): 1.1 lx	— (50%): 2.6 lx
— (100%): 5.3 lx	

C Plane (°):0.0-360.0: 15.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-2000

Distance: 7.970 m

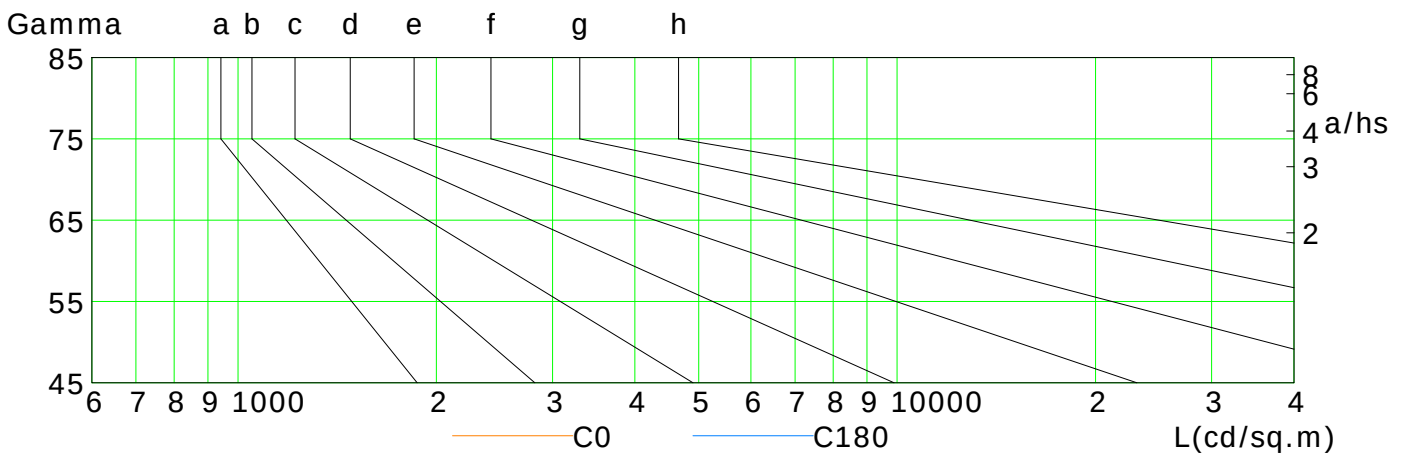
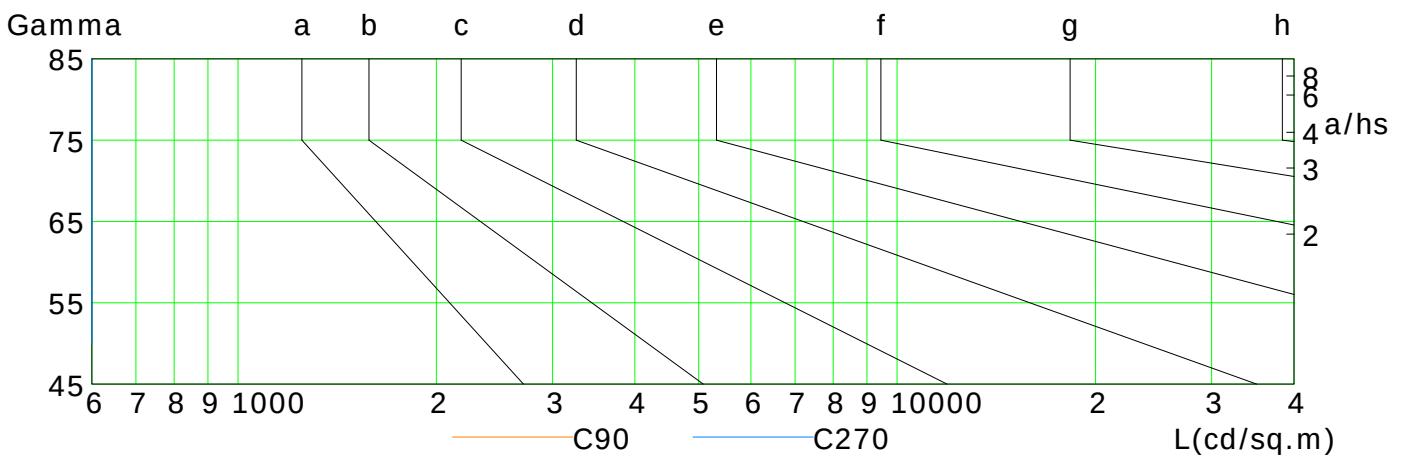
Humidity:

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	266	240	211	178	142	102	66	31	8
C90	511	492	453	380	267	172	140	127	111
C180	243	216	183	154	118	82	45	20	5
C270	1	0	0	0	0	0	0	0	0

C Plane (°):0.0-360.0: 15.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

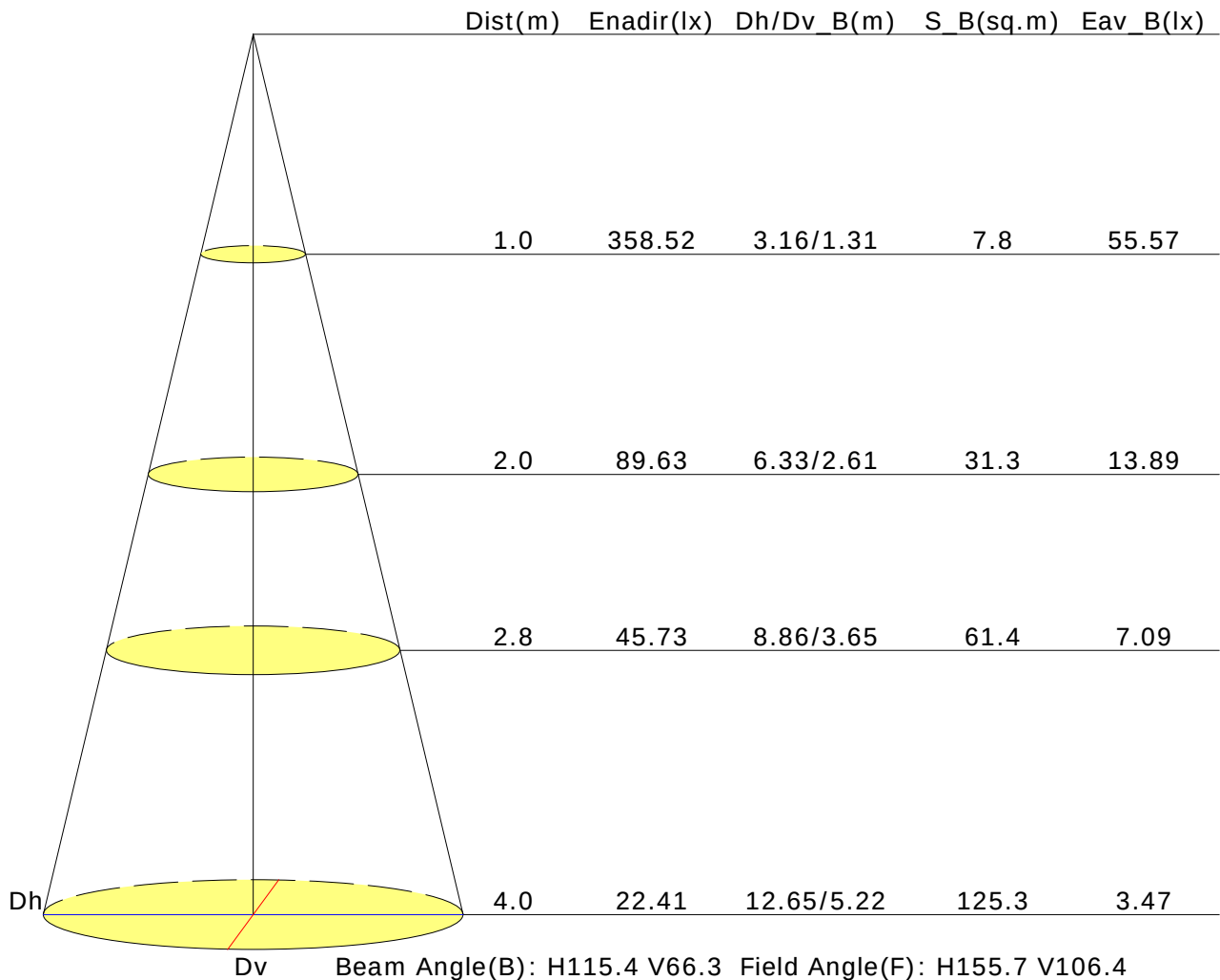
Test Device: GPM-2000

Distance: 7.970 m

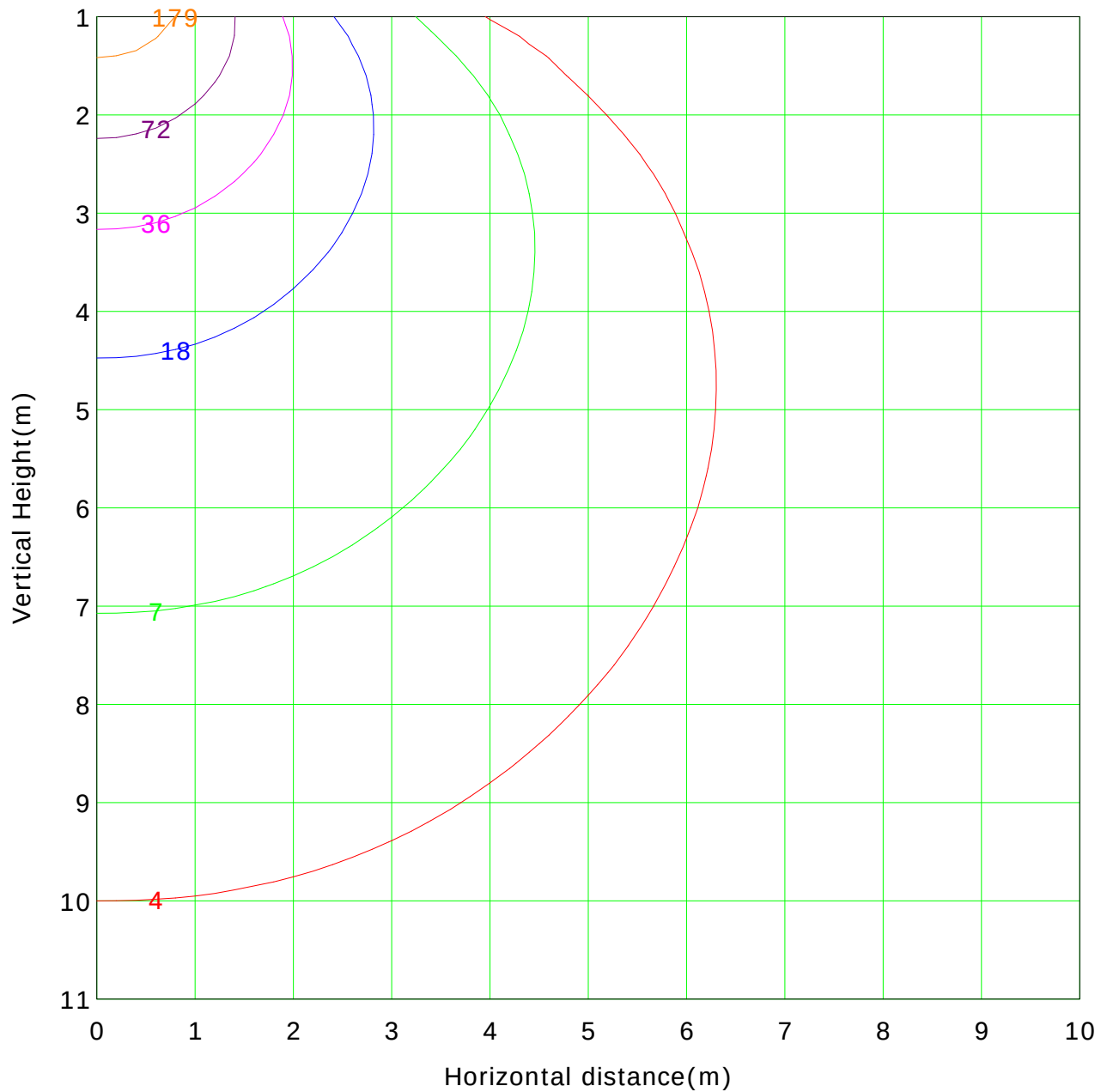
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 358.5 lx

(1%): 3.6 lx	(2%): 7.2 lx
(5%): 17.9 lx	(10%): 35.9 lx
(20%): 71.7 lx	(50%): 179.3 lx
(100%): 358.5 lx	

C Plane (°):0.0-360.0: 15.0

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: