



Report No.:

Test Time: 03/10/2018 14:22

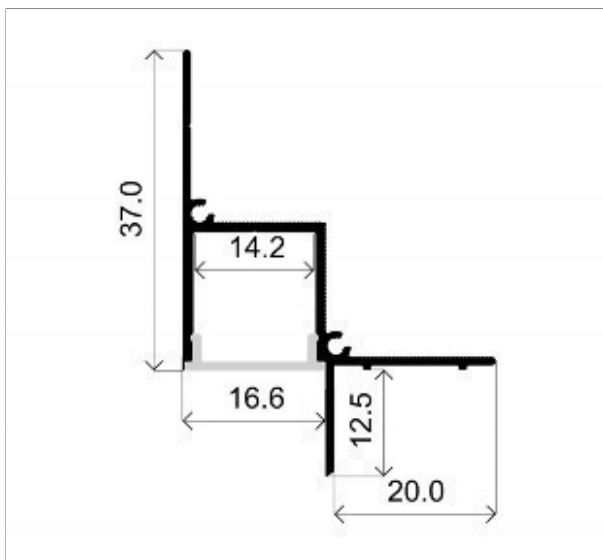
Luminaire Property

Luminaire Manufacturer: Lighting Line
 Luminaire Description: LLP-DW01-03 + LLD-03-FK
 Lamp Description: Strip 14,4W/m 60led/m Number of Lamps: 1
 Lumens per Lamp: 1579 Im Voltage: 24.0 V
 Current: 0.587 A Power: 14.08 W
 Power Factor: 1.000

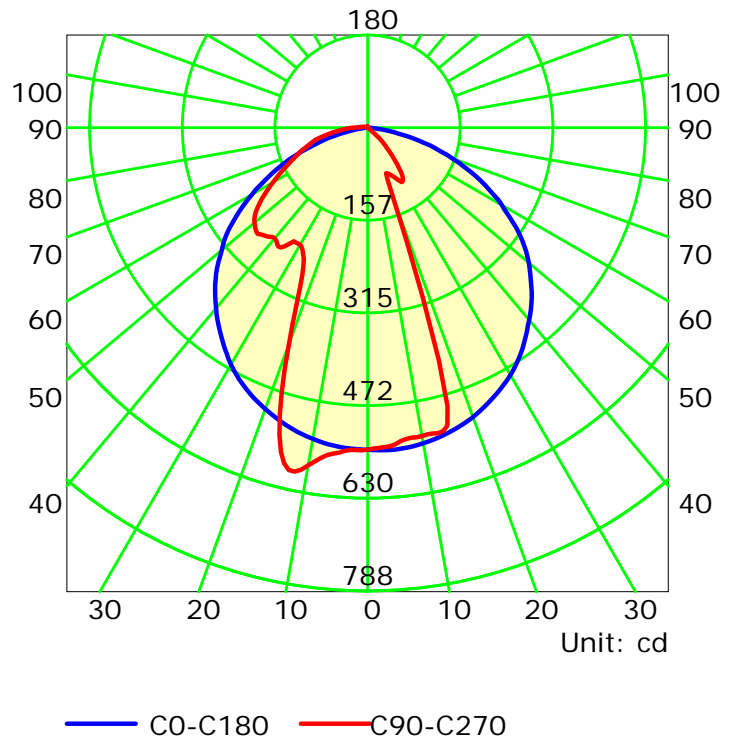
Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 1579.0 Im
Measurement Flux: 937.5 Im	Efficiency: 59.37%
Downward Ratio: 58.71%	Upward Ratio: 0.67%
Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 155.3, 123.9, 126.9, 126.6	
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 114.3, 40.9, 55.2, 55.2	
Luminaire Efficacy Rating (LER): 66.63	Central Intensity: 548.33 cd
Max. Intensity: 599.23 cd	Pos of Max. Intensity: H280 V13
S/MH(C0/C180): 1.28	S/MH(C90/C270): 0.69

Picture Of Luminaire



Luminous Intensity Distribution Curve

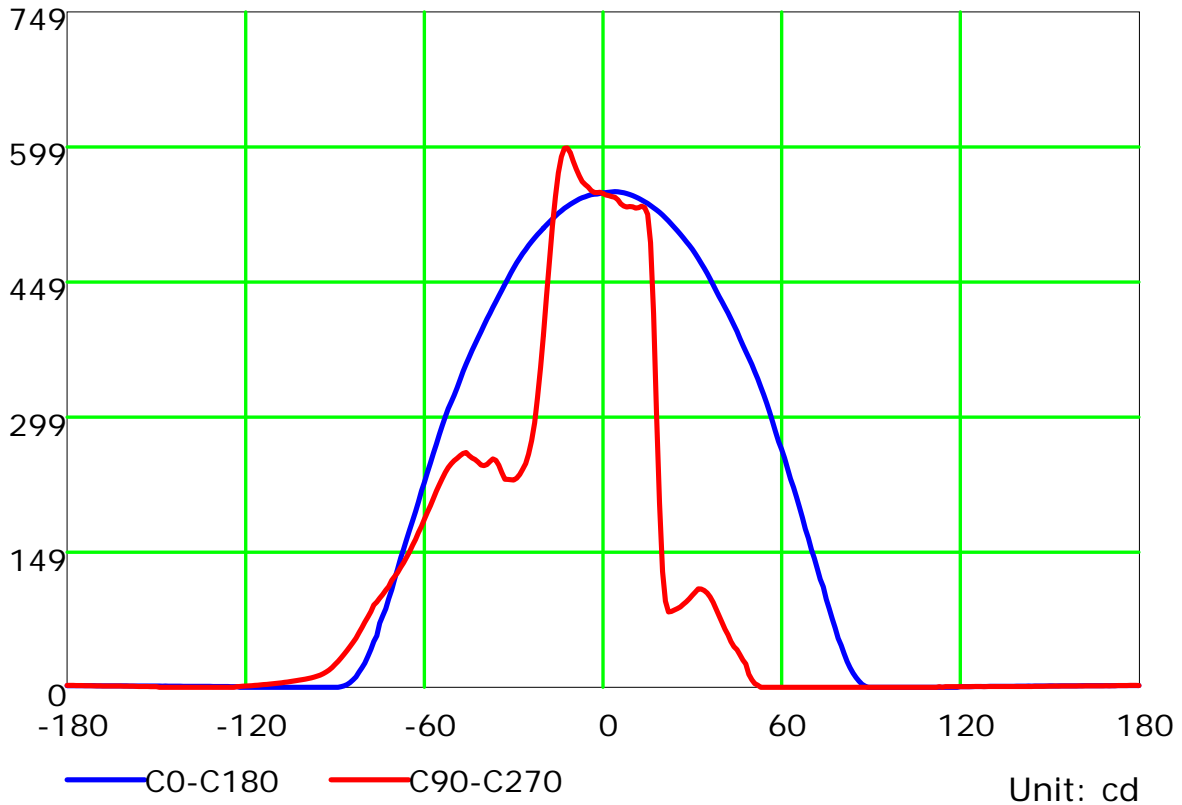
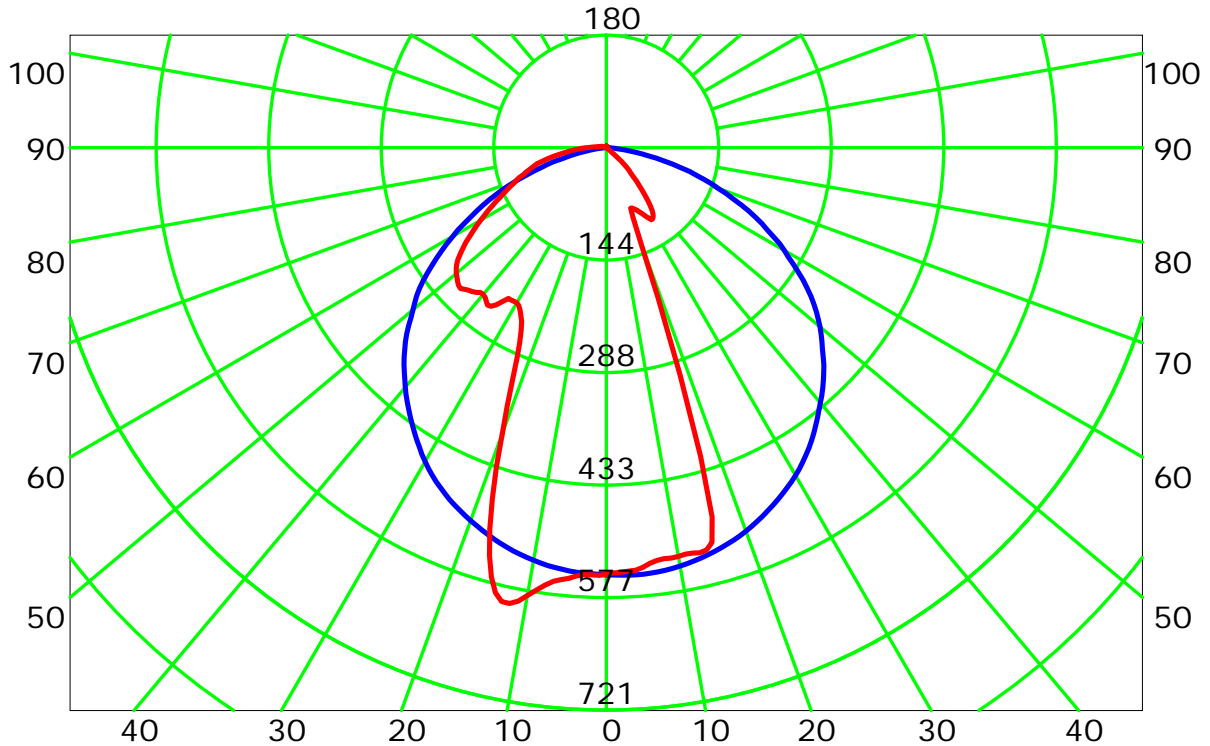


C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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



Luminous Intensity Distribution Curve

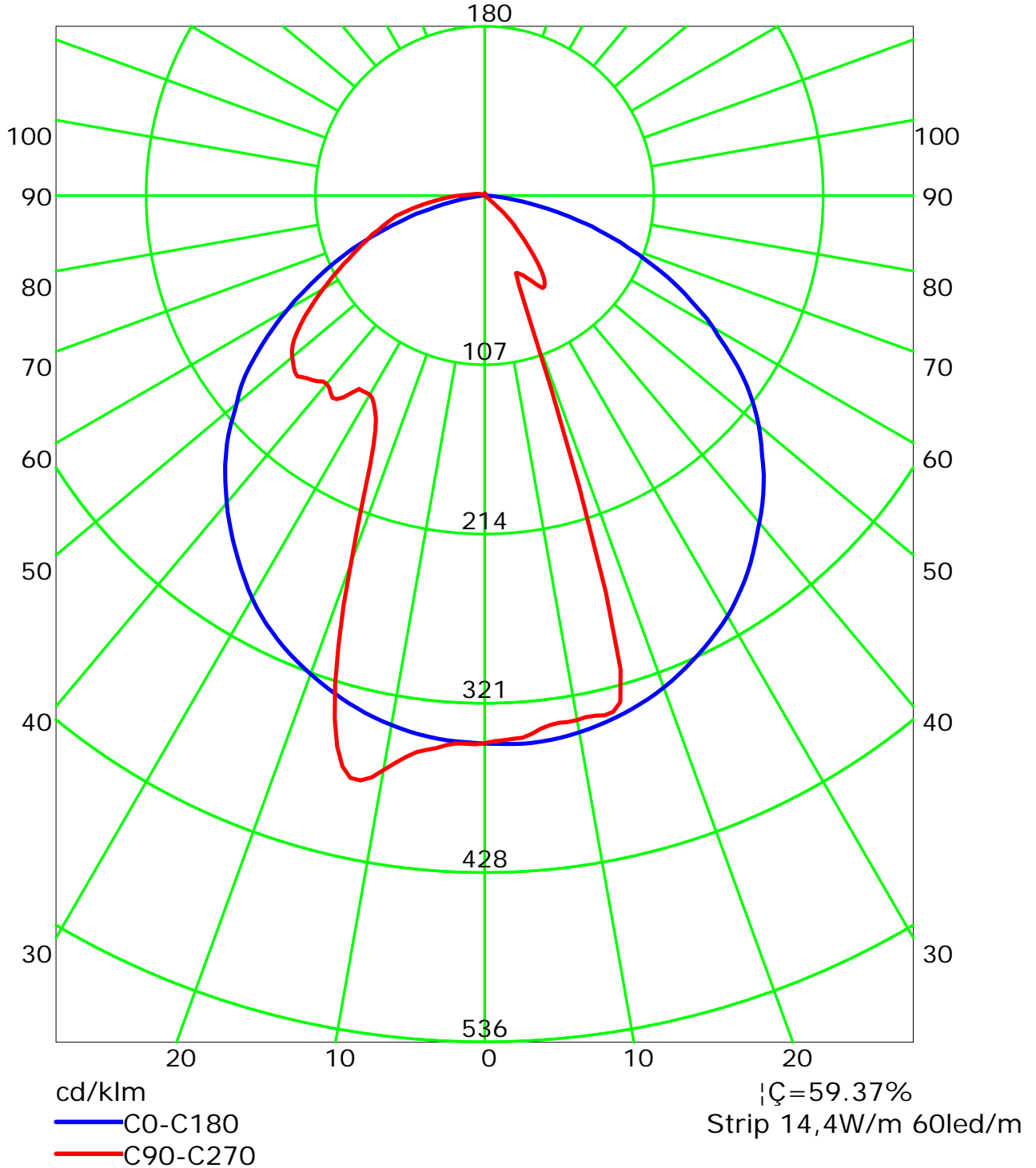


C Plane (°):0.0-360.0: 10.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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



Luminous Intensity Distribution Curve(cd/klm)

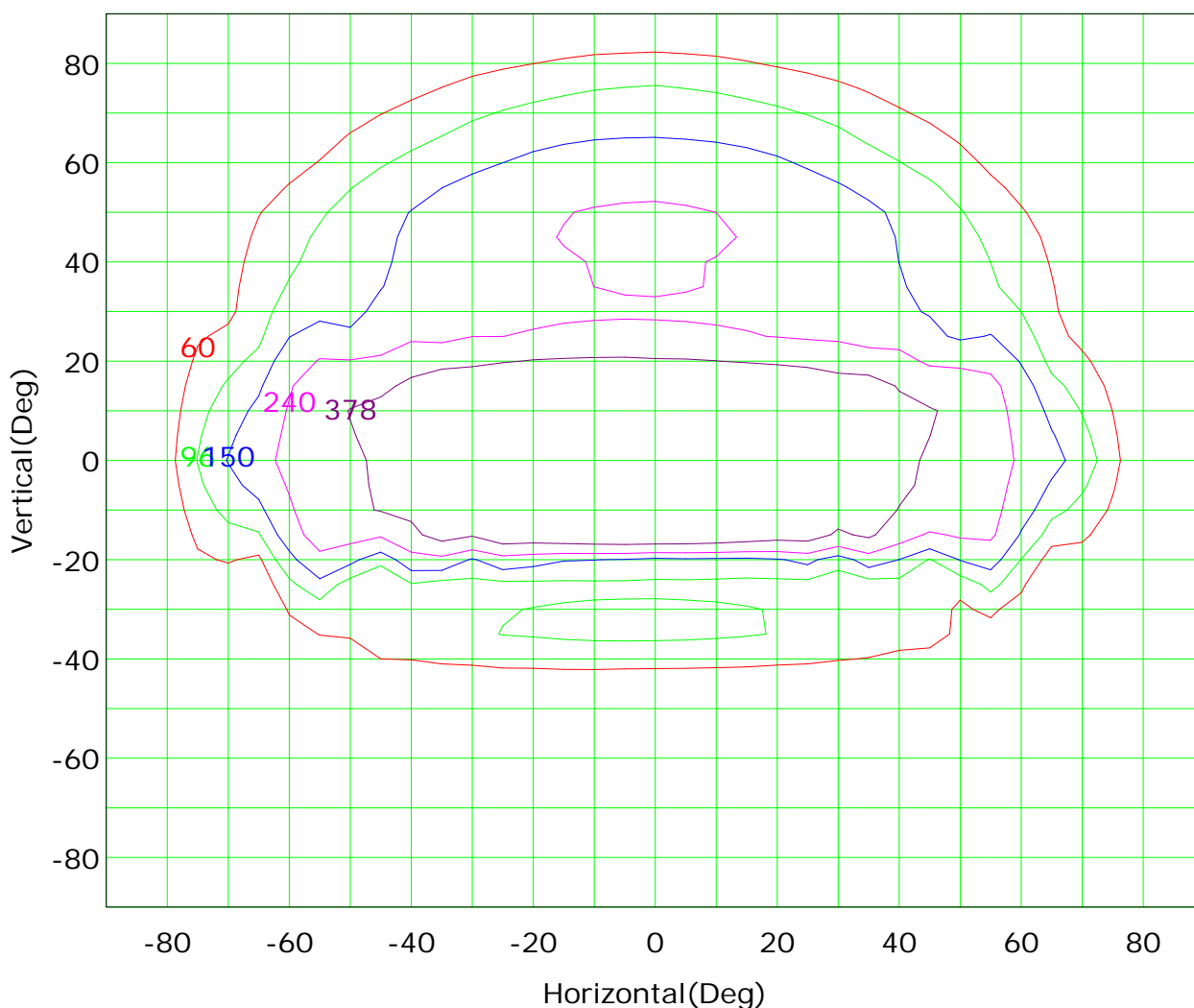


C Plane (°):0.0-360.0: 10.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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



Isocandela (rectangle)



Imax (100%): 599 cd

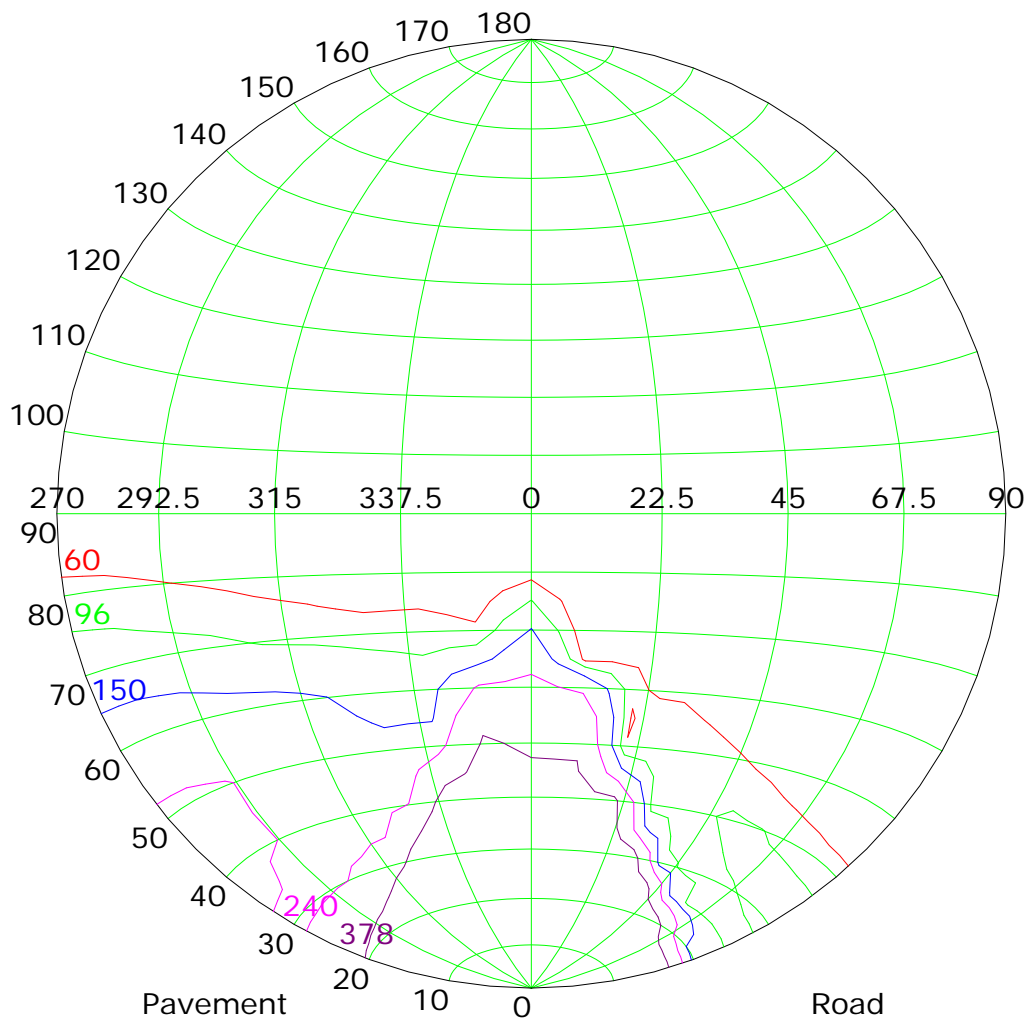
— (10%):	60 cd	— (16%):	96 cd
— (25%):	150 cd	— (40%):	240 cd
— (63%):	378 cd	— (100%):	599 cd

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)

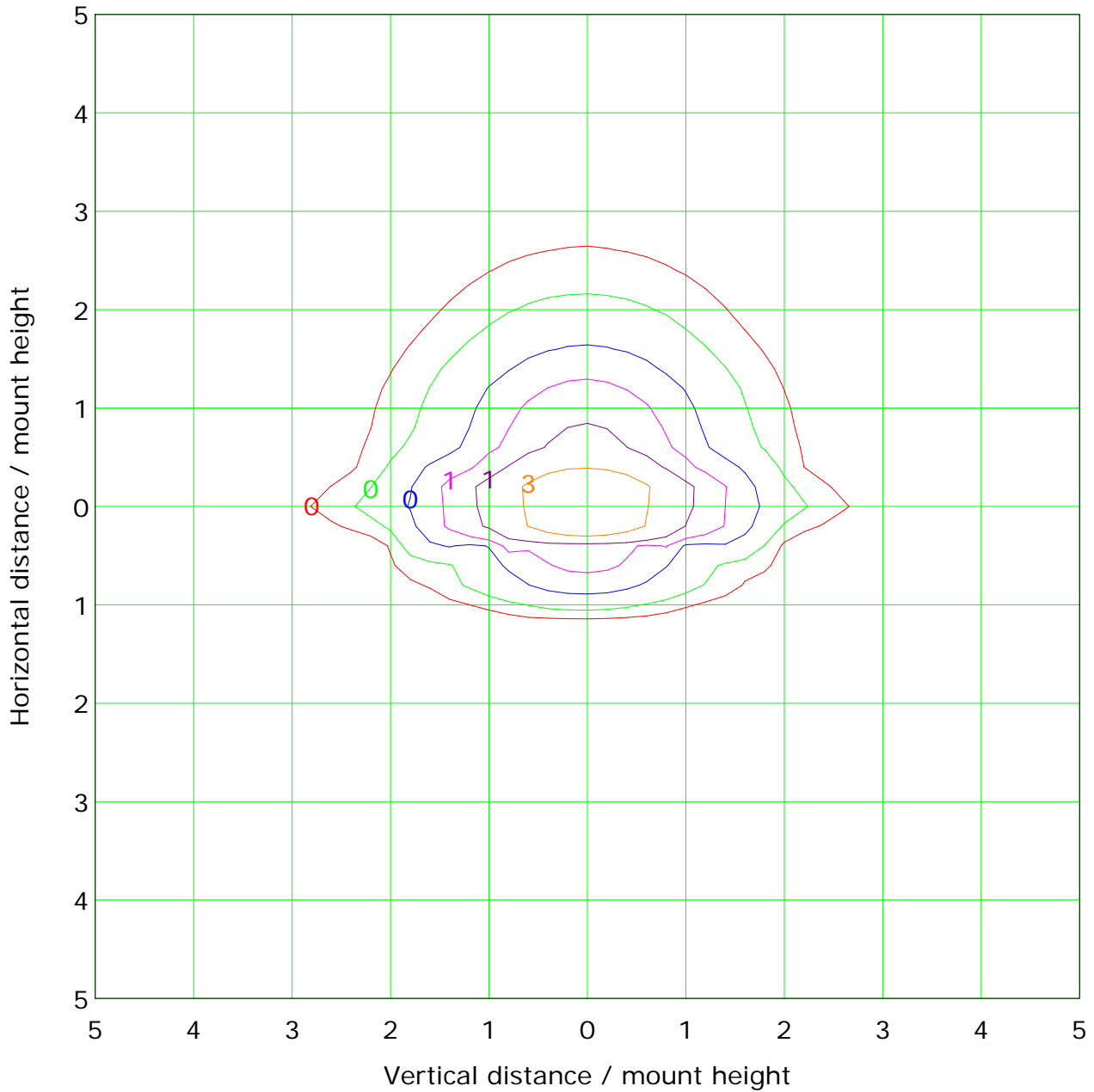


Imax (100%): 599 cd

- | | | | |
|-----------|--------|-----------|--------|
| — (10%): | 60 cd | — (16%): | 96 cd |
| — (25%): | 150 cd | — (40%): | 240 cd |
| — (63%): | 378 cd | — (100%): | 599 cd |



IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 5.6 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%):	5.6 lx		

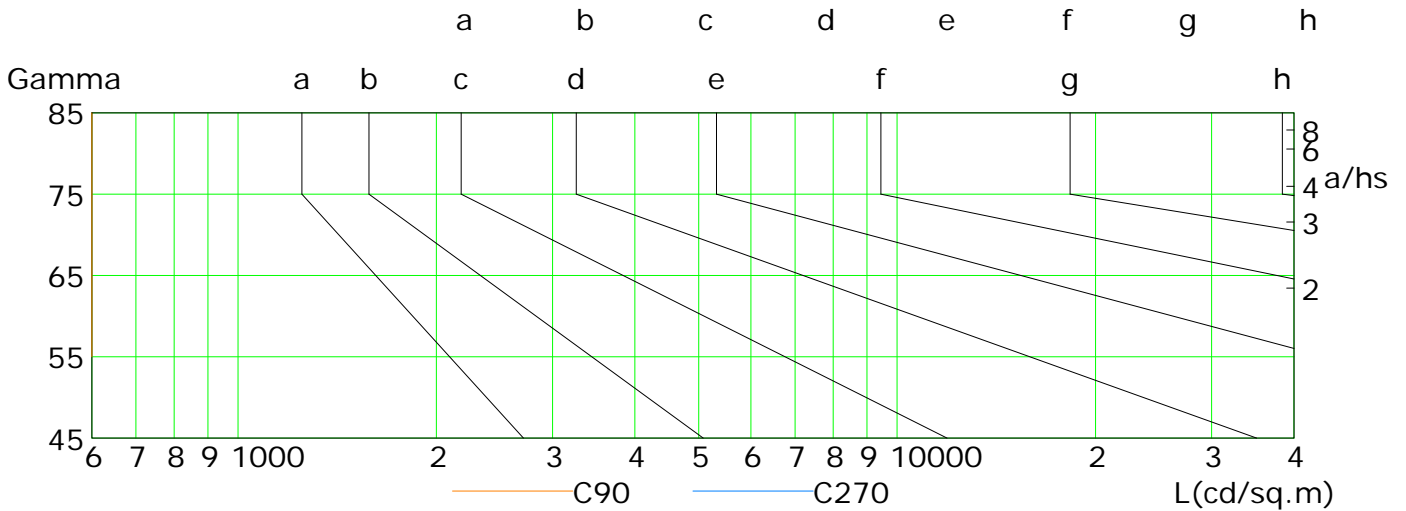
C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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)							
		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	395	358	315	264	211	153	97	47	11
C90	42	9	0	0	0	0	0	0	0
C180	366	324	280	227	174	120	71	27	5
C270	257	251	225	186	150	123	99	72	45

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

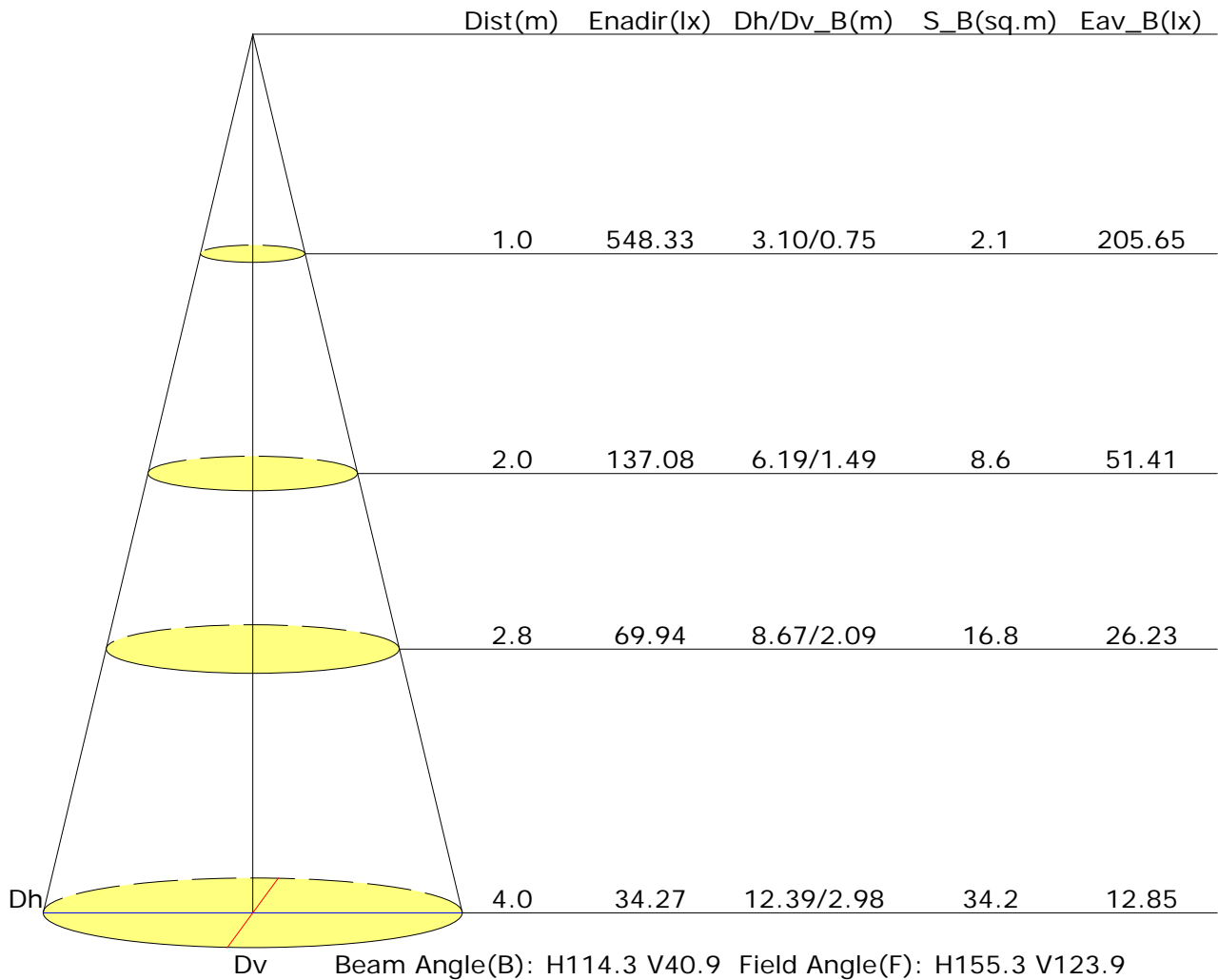
Distance: 7.970 m

Humidity:

Inspector:

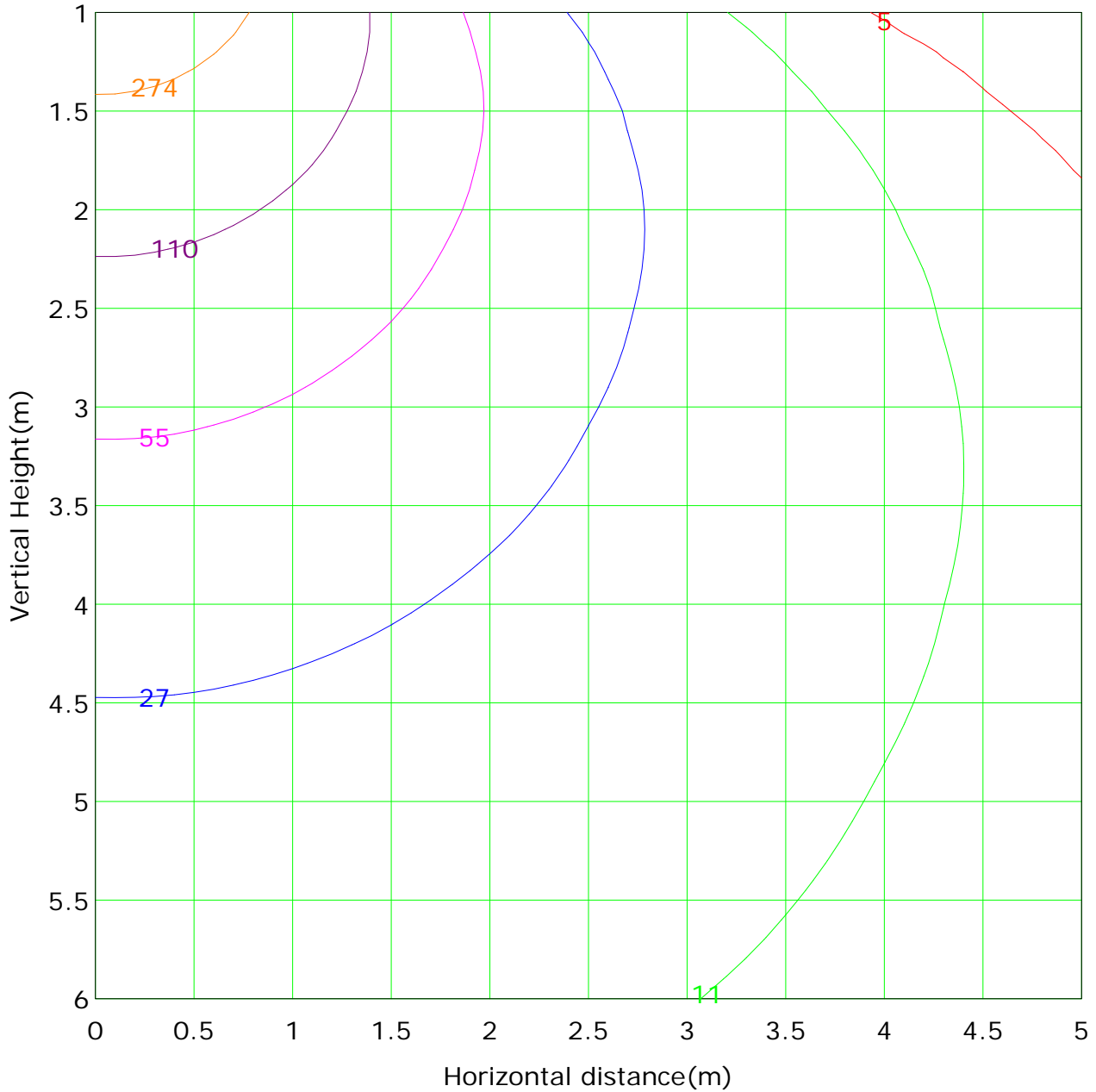


Illuminance at a Distance





Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 6.0m Max Lux: 548.3 lx

— (1%): 5.5 lx	— (2%): 11.0 lx
— (5%): 27.4 lx	— (10%): 54.8 lx
— (20%): 109.7 lx	— (50%): 274.2 lx
— (100%): 548.3 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:



Report No.:

Test Time: 03/10/2018 12:54

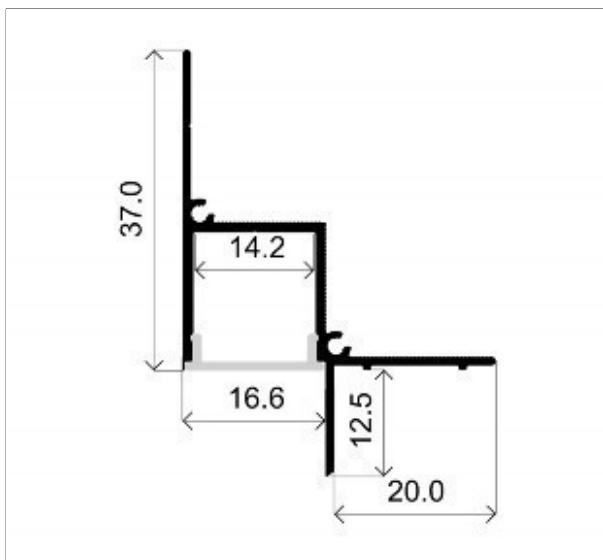
Luminaire Property

Luminaire Manufacturer: Lighting Line
 Luminaire Description: LLP-DW01-03 + LLD-03-FH
 Lamp Description: Strip 14,4W/m 60led/m Number of Lamps: 1
 Lumens per Lamp: 1579 lm Voltage: 24.0 V
 Current: 0.583 A Power: 13.98 W
 Power Factor: 1.000

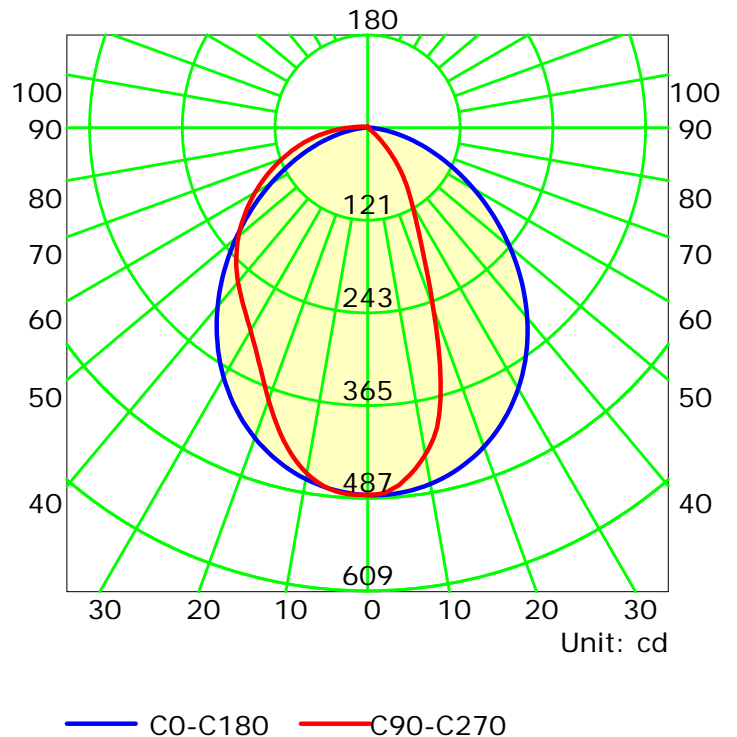
Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 1579.0 lm
Measurement Flux: 862.6 lm	Efficiency: 54.63%
Downward Ratio: 53.98%	Upward Ratio: 0.65%
Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 152.1, 125.9, 130.1, 130.1	
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 98.4, 66.2, 70.3, 71.3	
Luminaire Efficacy Rating (LER): 61.76	Central Intensity: 483.05 cd
Max. Intensity: 483.33 cd	Pos of Max. Intensity: H0 V2
S/MH(C0/C180): 1.20	S/MH(C90/C270): 0.78

Picture Of Luminaire



Luminous Intensity Distribution Curve

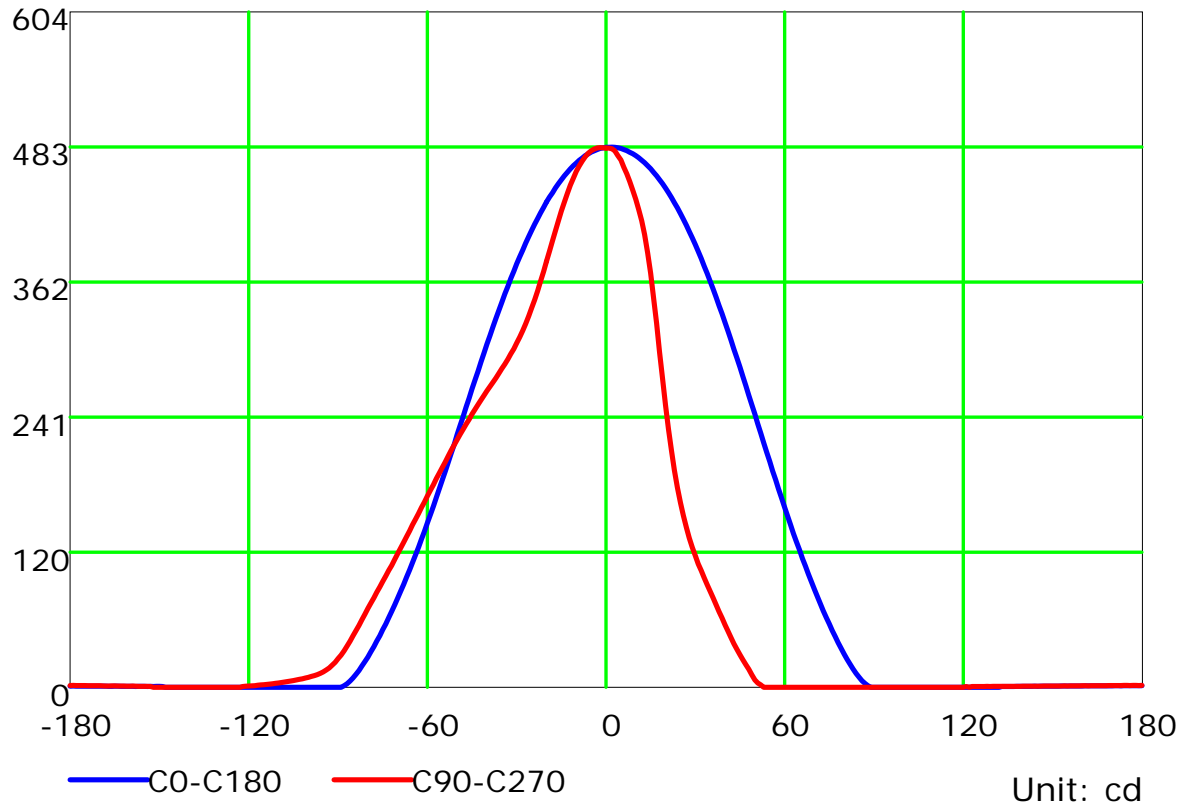
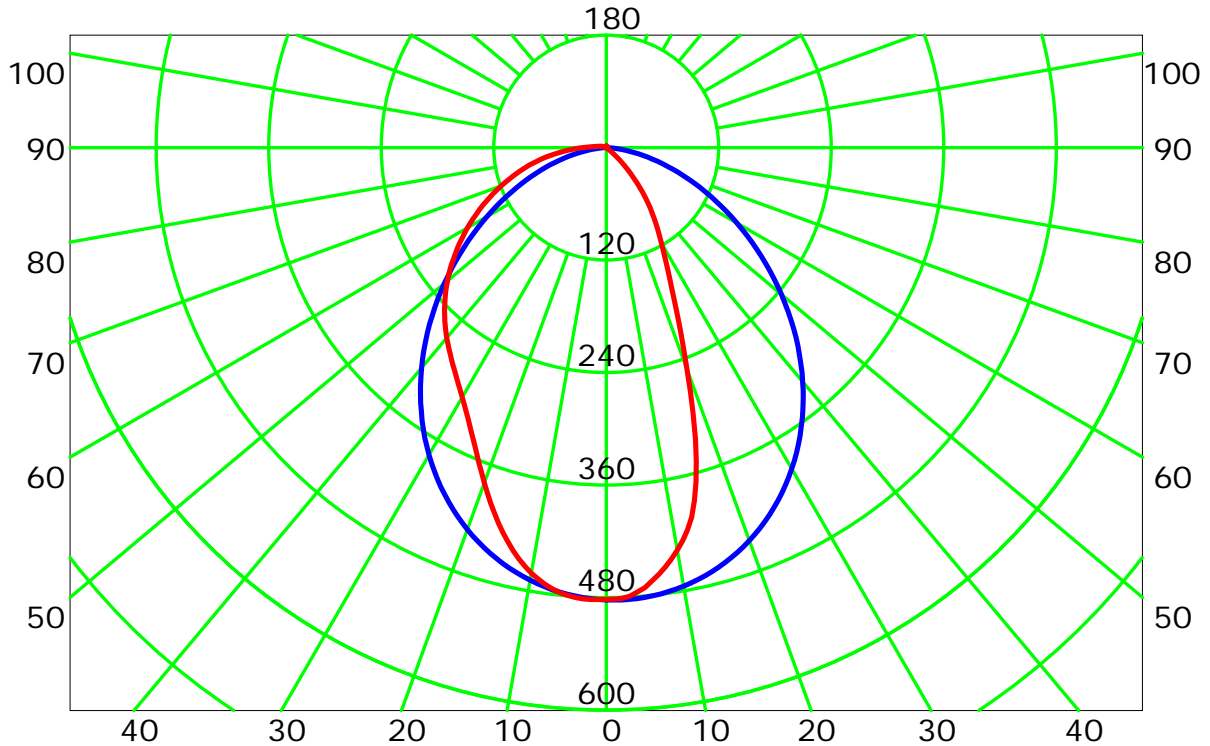


C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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



Luminous Intensity Distribution Curve

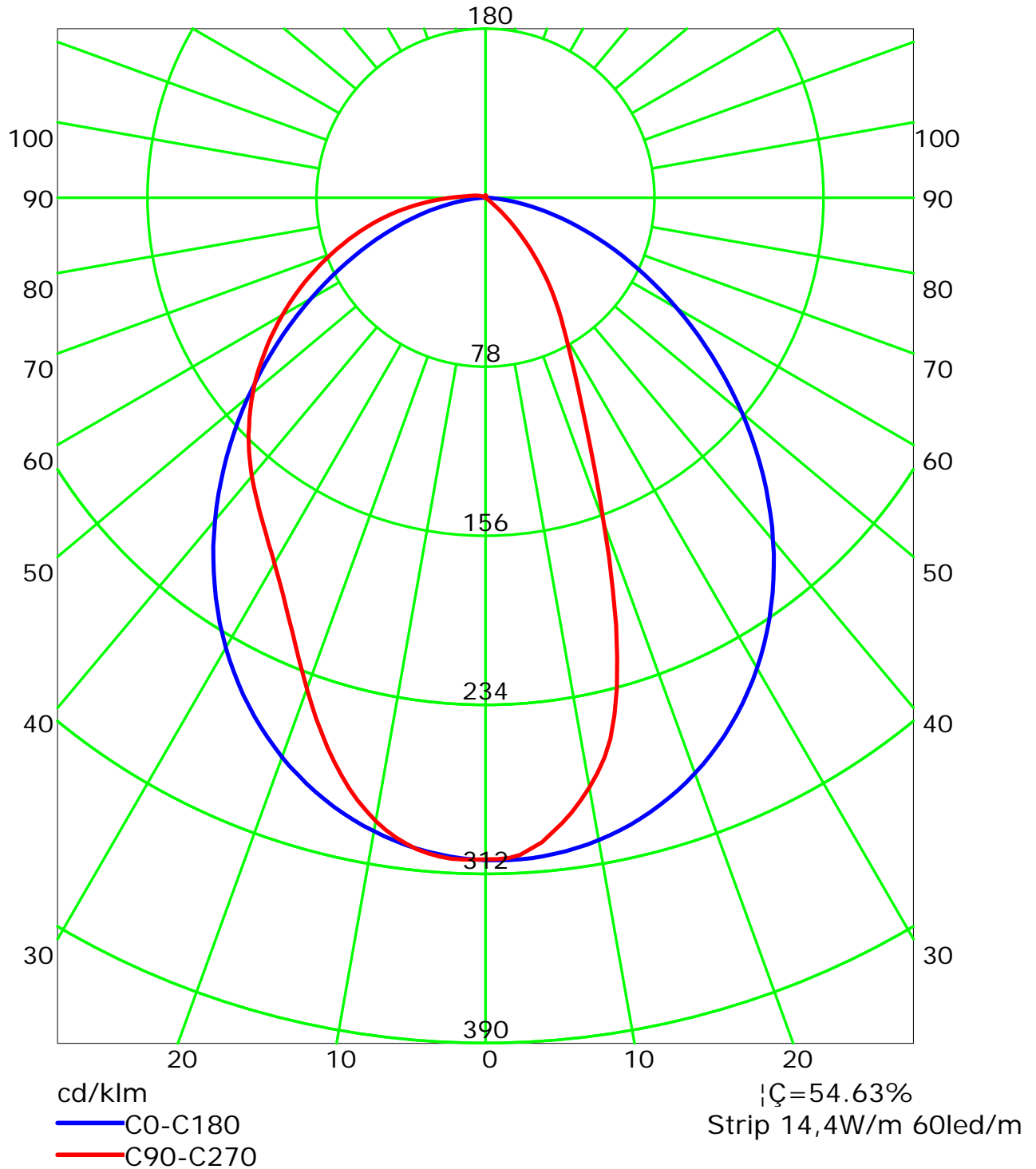


C Plane (°):0.0-360.0: 10.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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



Luminous Intensity Distribution Curve(cd/klm)

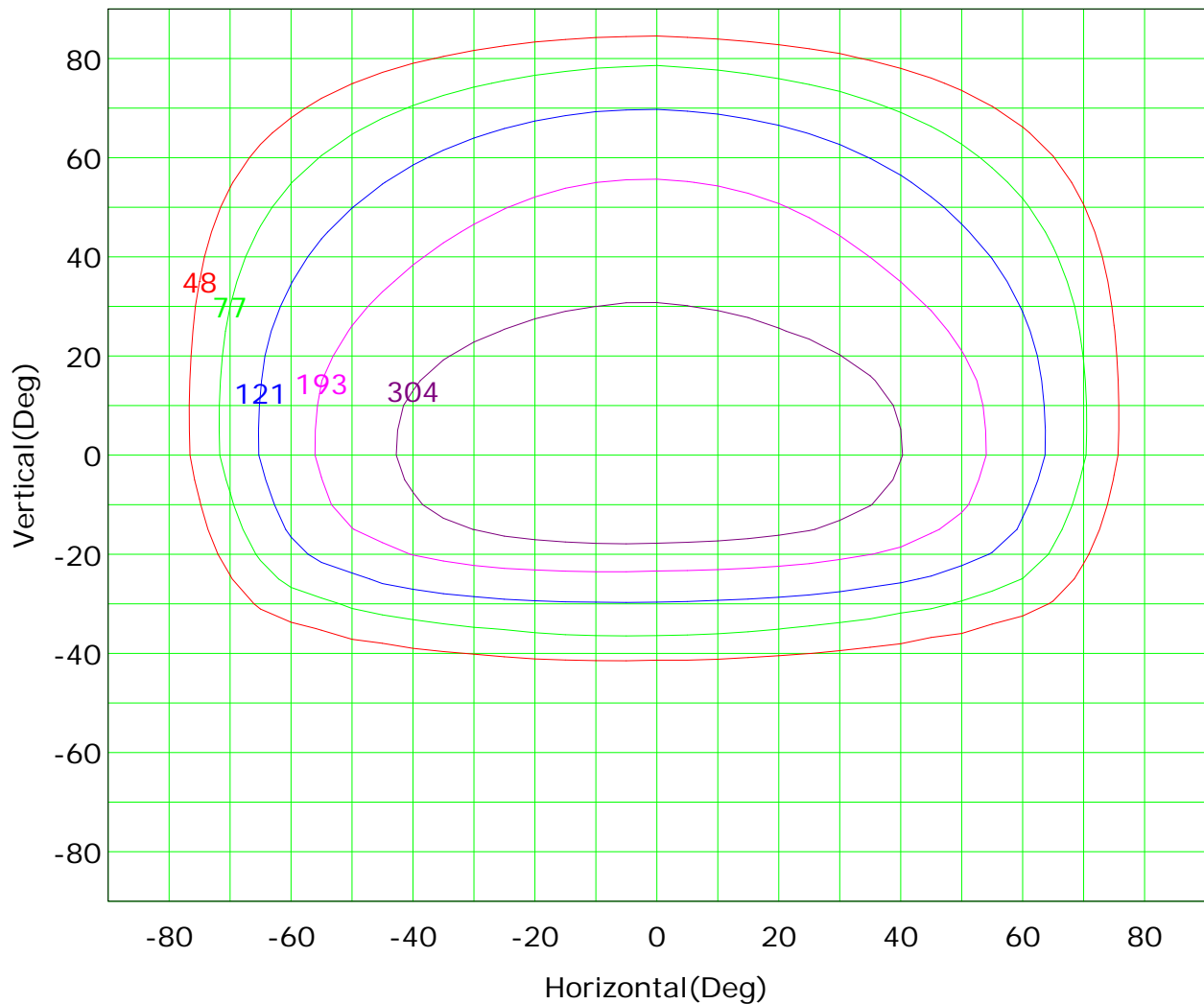


C Plane (°):0.0-360.0: 10.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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



Isocandela (rectangle)



Imax (100%): 483 cd

— (10%):	48 cd	— (16%):	77 cd
— (25%):	121 cd	— (40%):	193 cd
— (63%):	304 cd	— (100%):	483 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

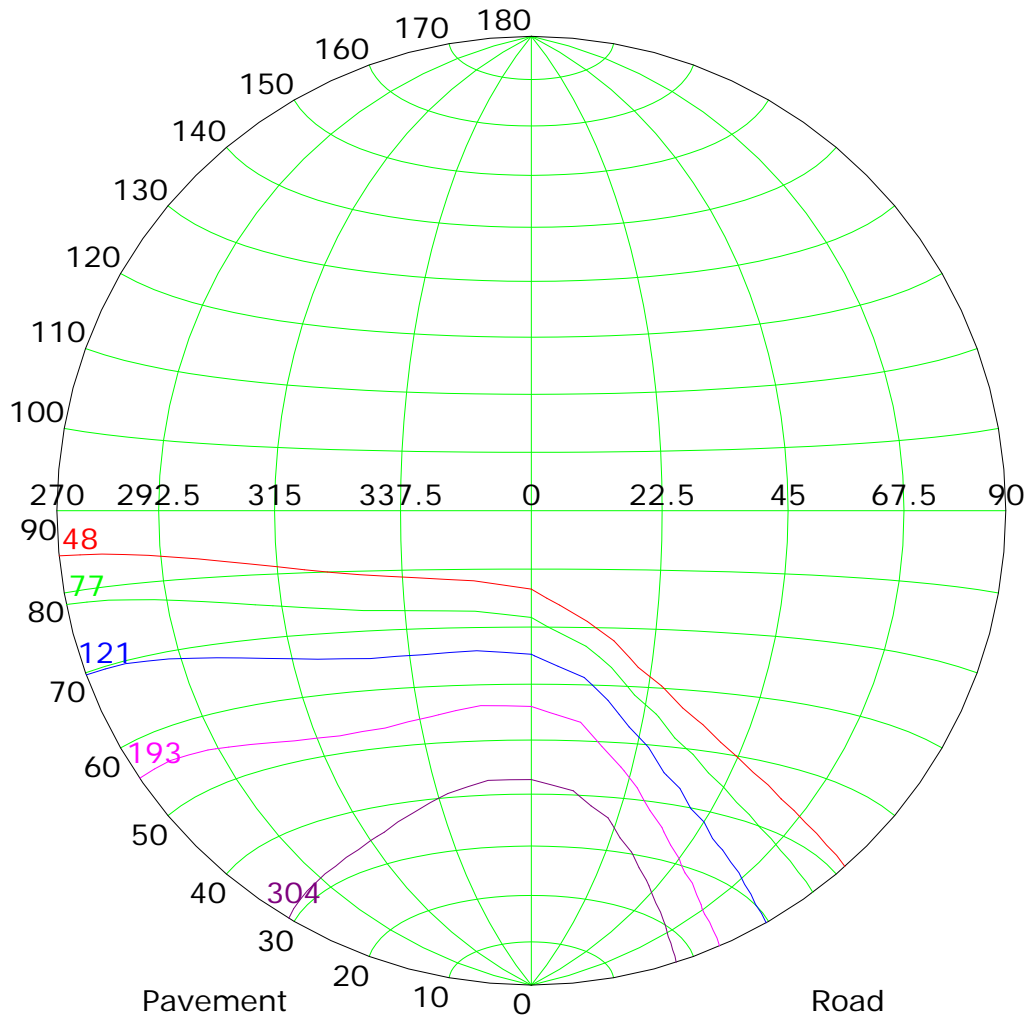
Distance: 7.970 m

Humidity:

Inspector:



Isocandela (sphere)

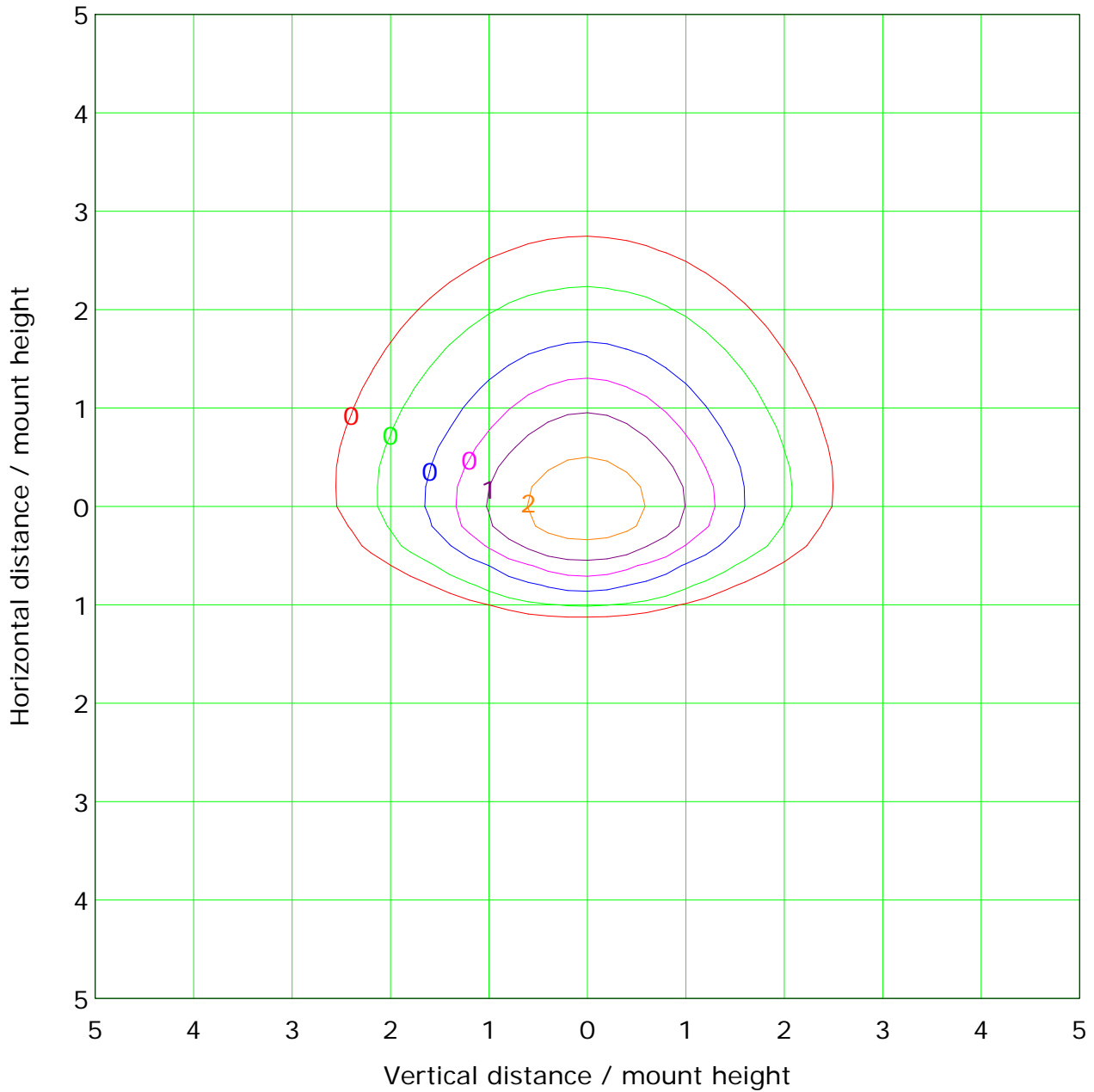


Imax (100%): 483 cd

— (10%):	48 cd	— (16%):	77 cd
— (25%):	121 cd	— (40%):	193 cd
— (63%):	304 cd	— (100%):	483 cd



IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 4.8 lx

— (1%): 0.0 lx	— (2%): 0.1 lx
— (5%): 0.2 lx	— (10%): 0.5 lx
— (20%): 1.0 lx	— (50%): 2.4 lx
— (100%): 4.8 lx	

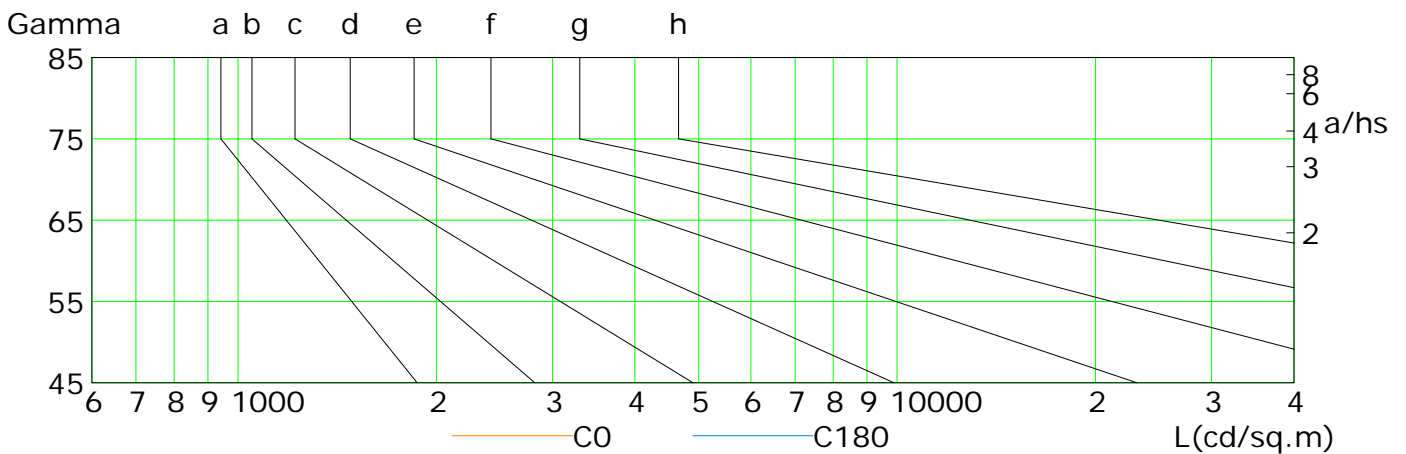
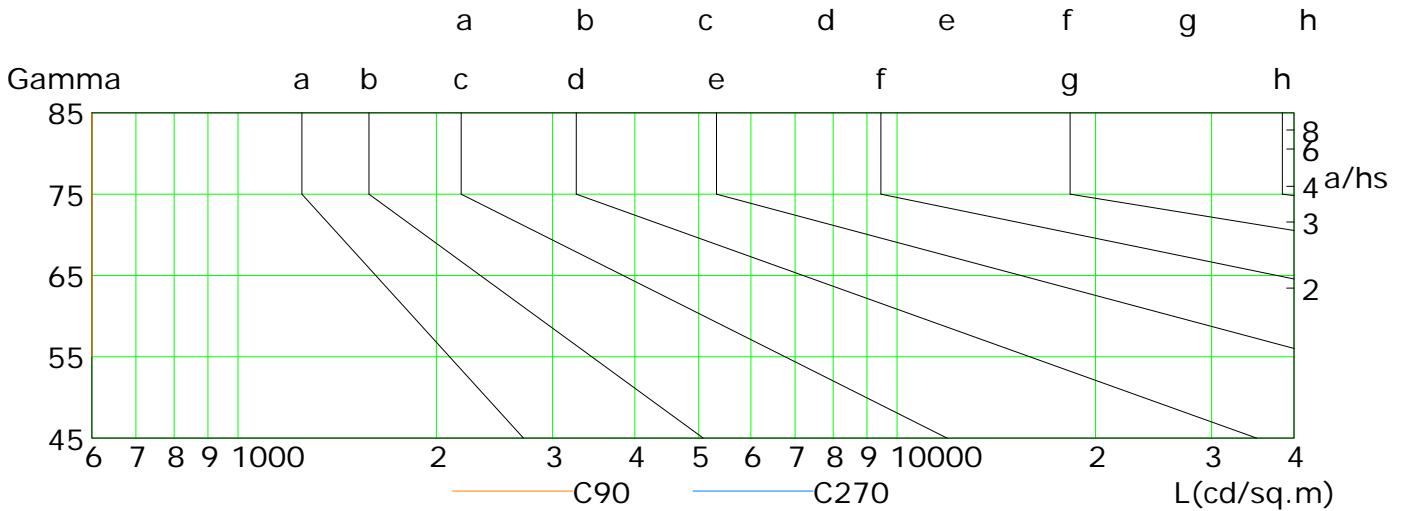
C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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)							
		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	286	244	202	161	123	88	57	30	9
C90	29	7	0	0	0	0	0	0	0
C180	267	226	185	147	112	80	52	27	8
C270	245	222	197	171	145	119	95	70	46

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

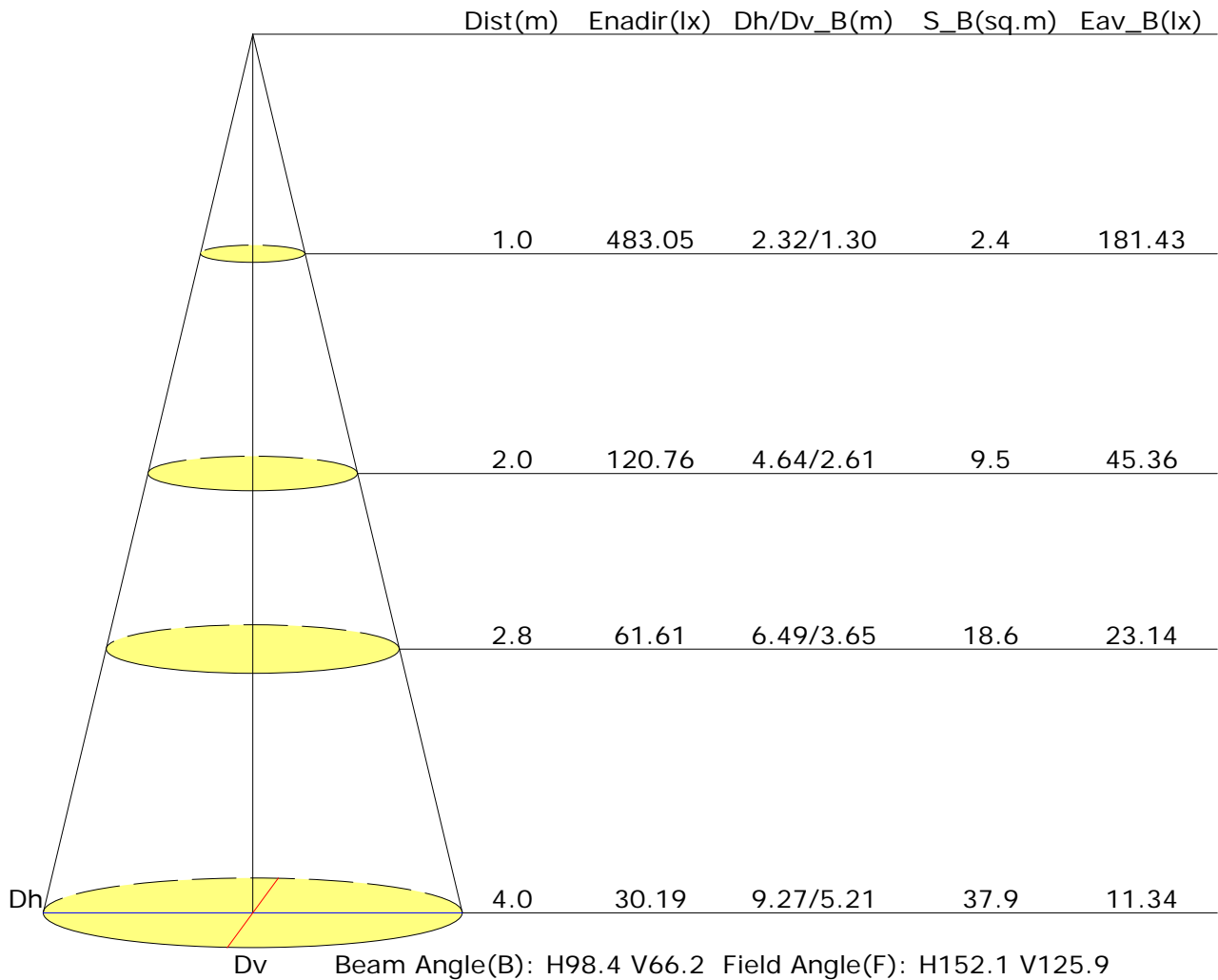
Distance: 7.970 m

Humidity:

Inspector:

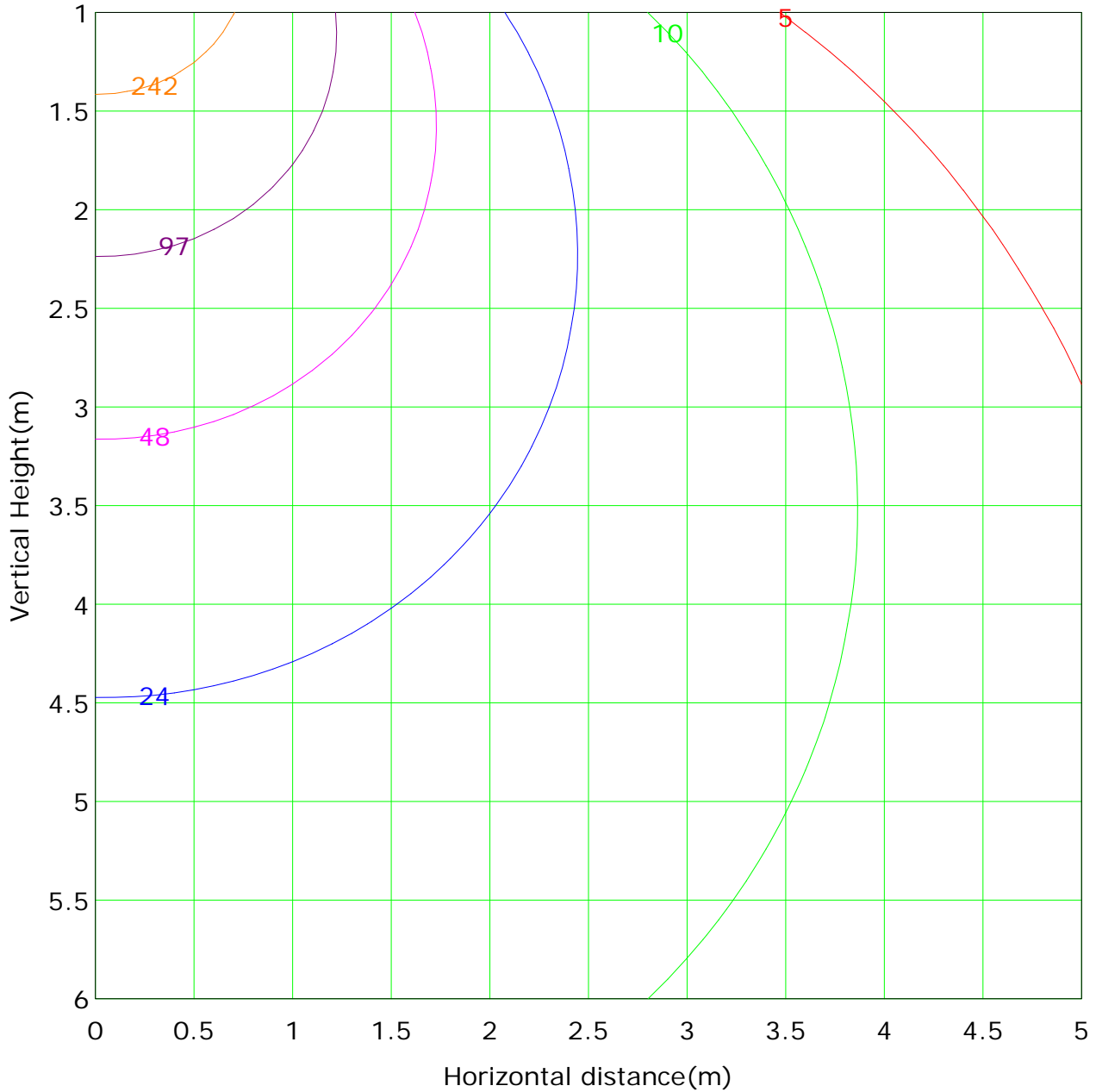


Illuminance at a Distance





Vertical IsoLux Plot



Lowest(m): 1.0m	Highest(m): 6.0m	Max Lux: 483.0 lx
— (1%): 4.8 lx	— (2%): 9.7 lx	
— (5%): 24.2 lx	— (10%): 48.3 lx	
— (20%): 96.6 lx	— (50%): 241.5 lx	
— (100%): 483.0 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:



Report No.:

Test Time: 03/10/2018 10:55

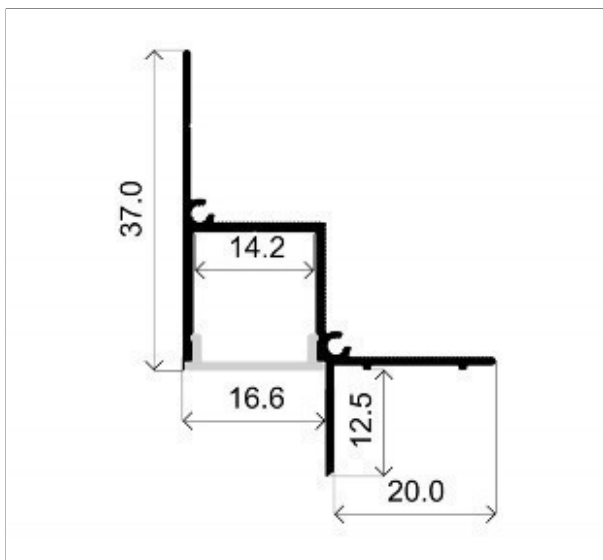
Luminaire Property

Luminaire Manufacturer: Lighting Line
 Luminaire Description: LLP-DW01-03 + LLD-03-FM
 Lamp Description: Strip 14,4W/m 60led/m Number of Lamps: 1
 Lumens per Lamp: 1579 lm Voltage: 24.0 V
 Current: 0.587 A Power: 14.08 W
 Power Factor: 1.000

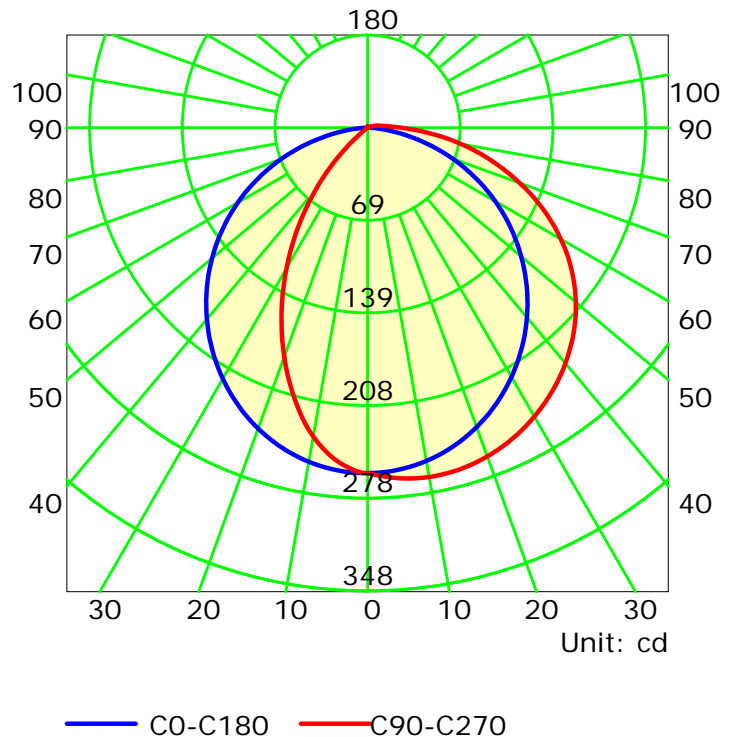
Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 1579.0 lm
Measurement Flux: 651.7 lm	Efficiency: 41.27%
Downward Ratio: 40.66%	Upward Ratio: 0.61%
Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 159.8, 135.7, 141.2, 141.3	
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 111.2, 95.8, 98.2, 98.4	
Luminaire Efficacy Rating (LER): 46.33	Central Intensity: 259.73 cd
Max. Intensity: 266.8 cd	Pos of Max. Intensity: H90 V11
S/MH(C0/C180): 1.24	S/MH(C90/C270): 1.09

Picture Of Luminaire



Luminous Intensity Distribution Curve

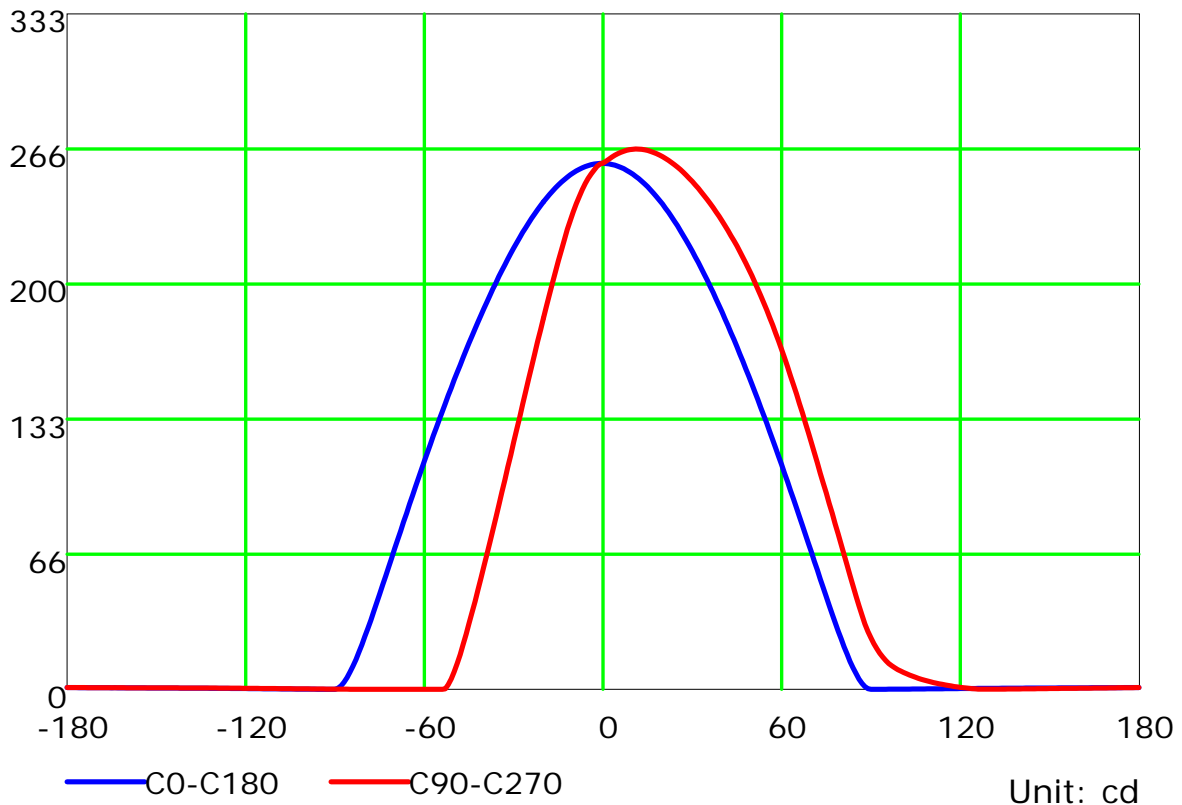
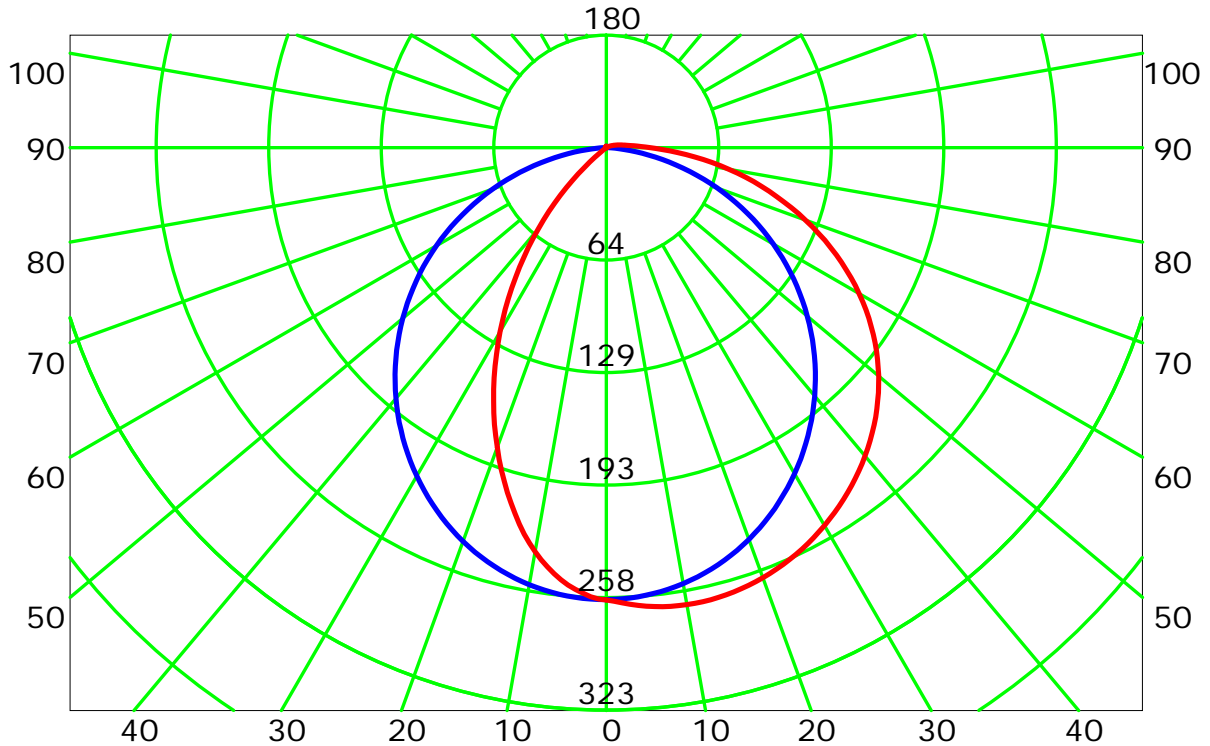


C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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



Luminous Intensity Distribution Curve

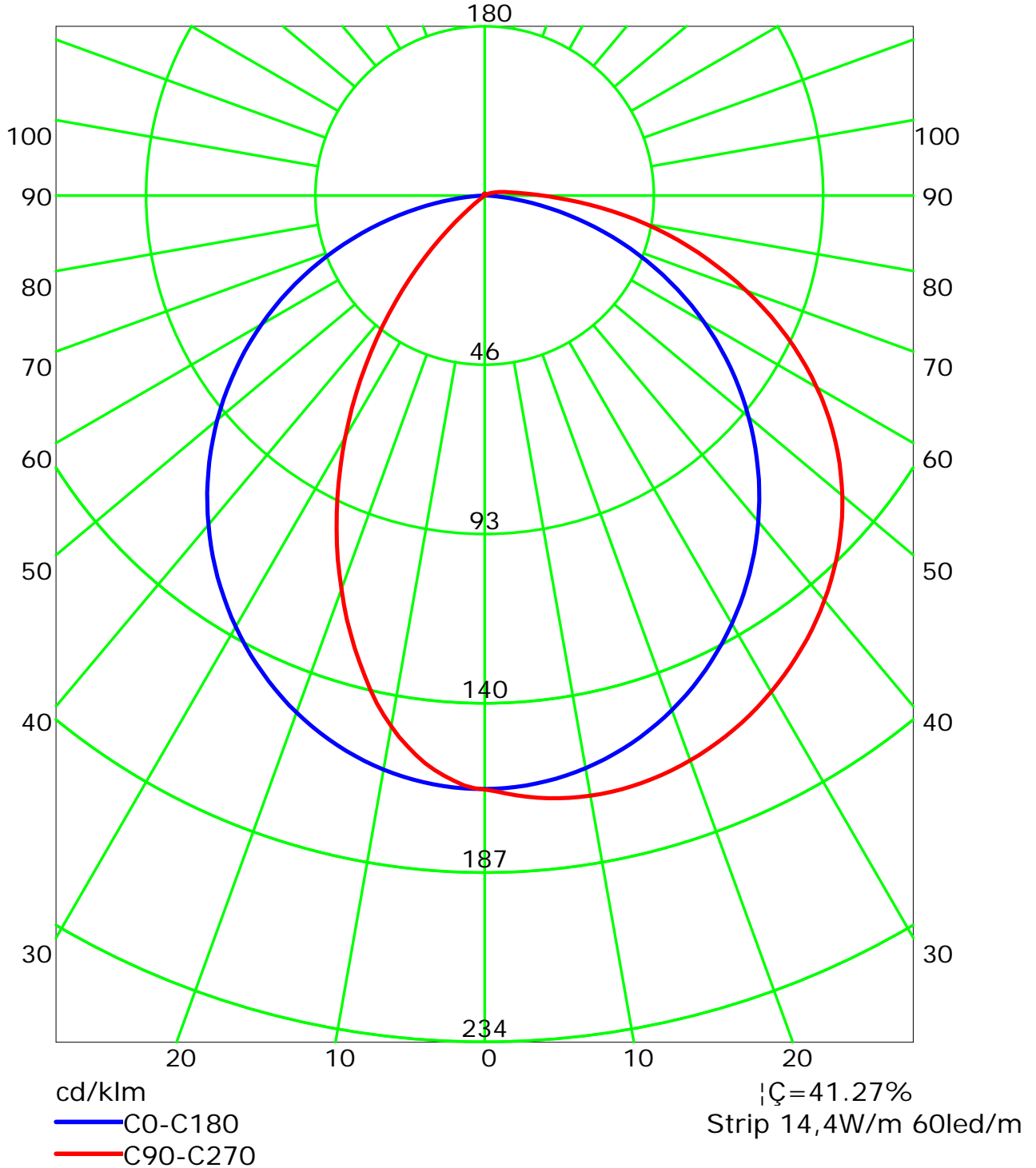


C Plane (°):0.0-360.0: 10.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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



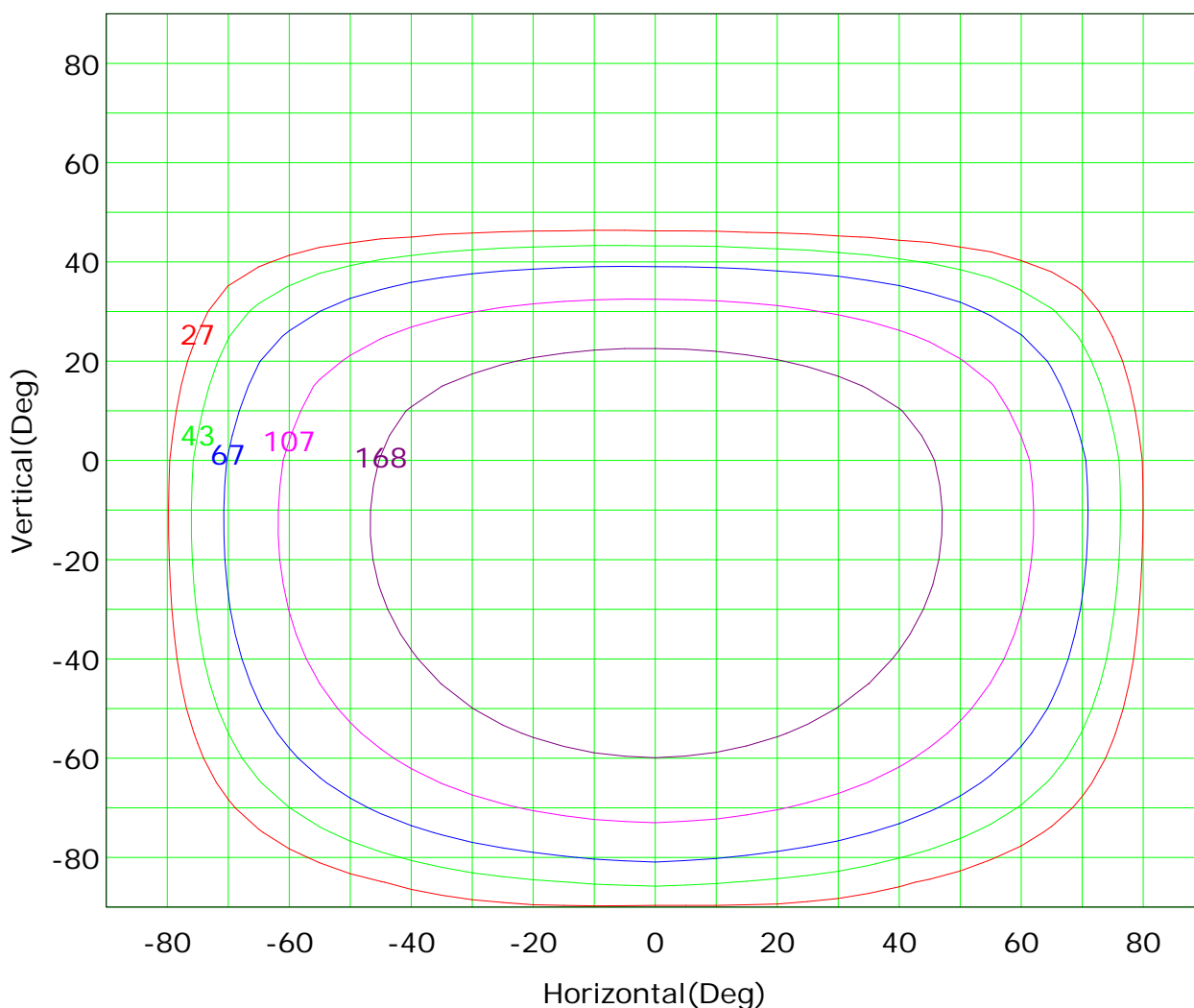
Luminous Intensity Distribution Curve(cd/klm)



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)



Imax (100%): 267 cd

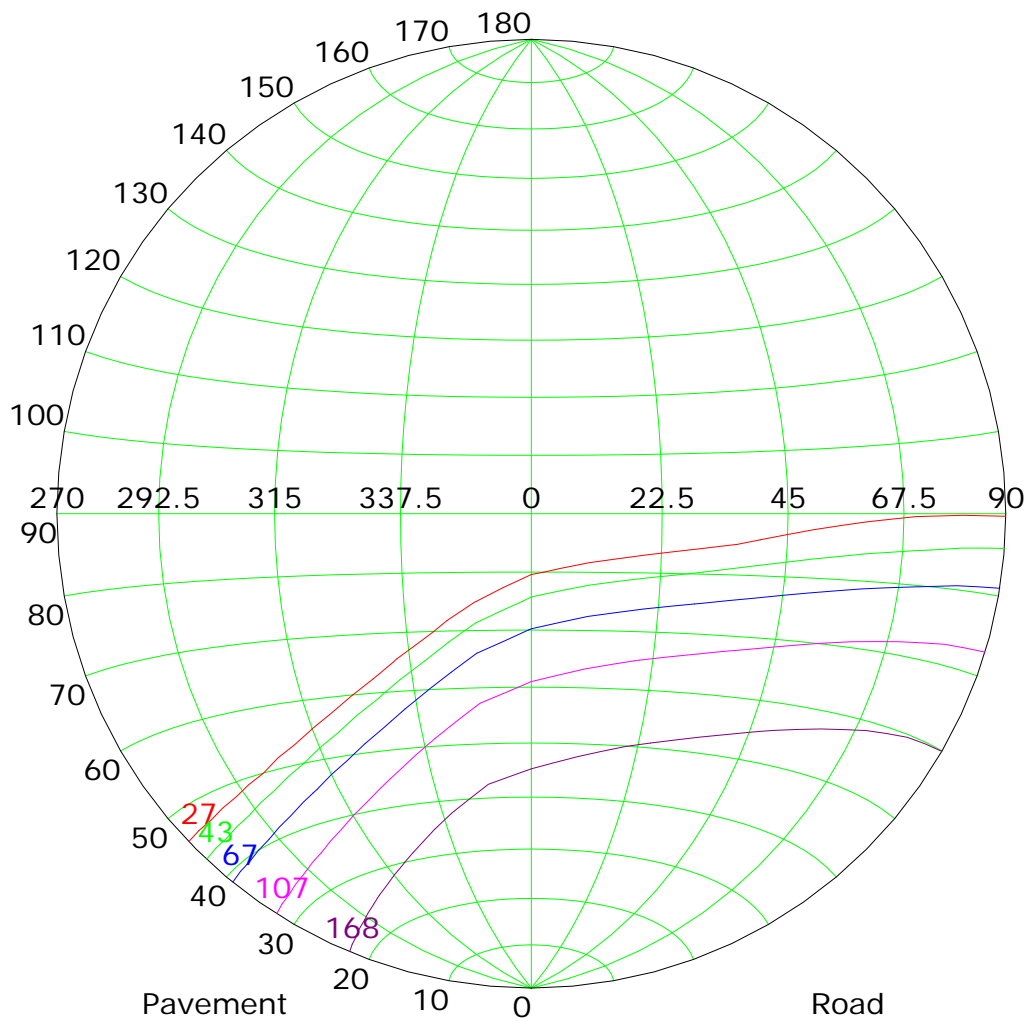
— (10%):	27 cd	— (16%):	43 cd
— (25%):	67 cd	— (40%):	107 cd
— (63%):	168 cd	— (100%):	267 cd

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%): 267 cd

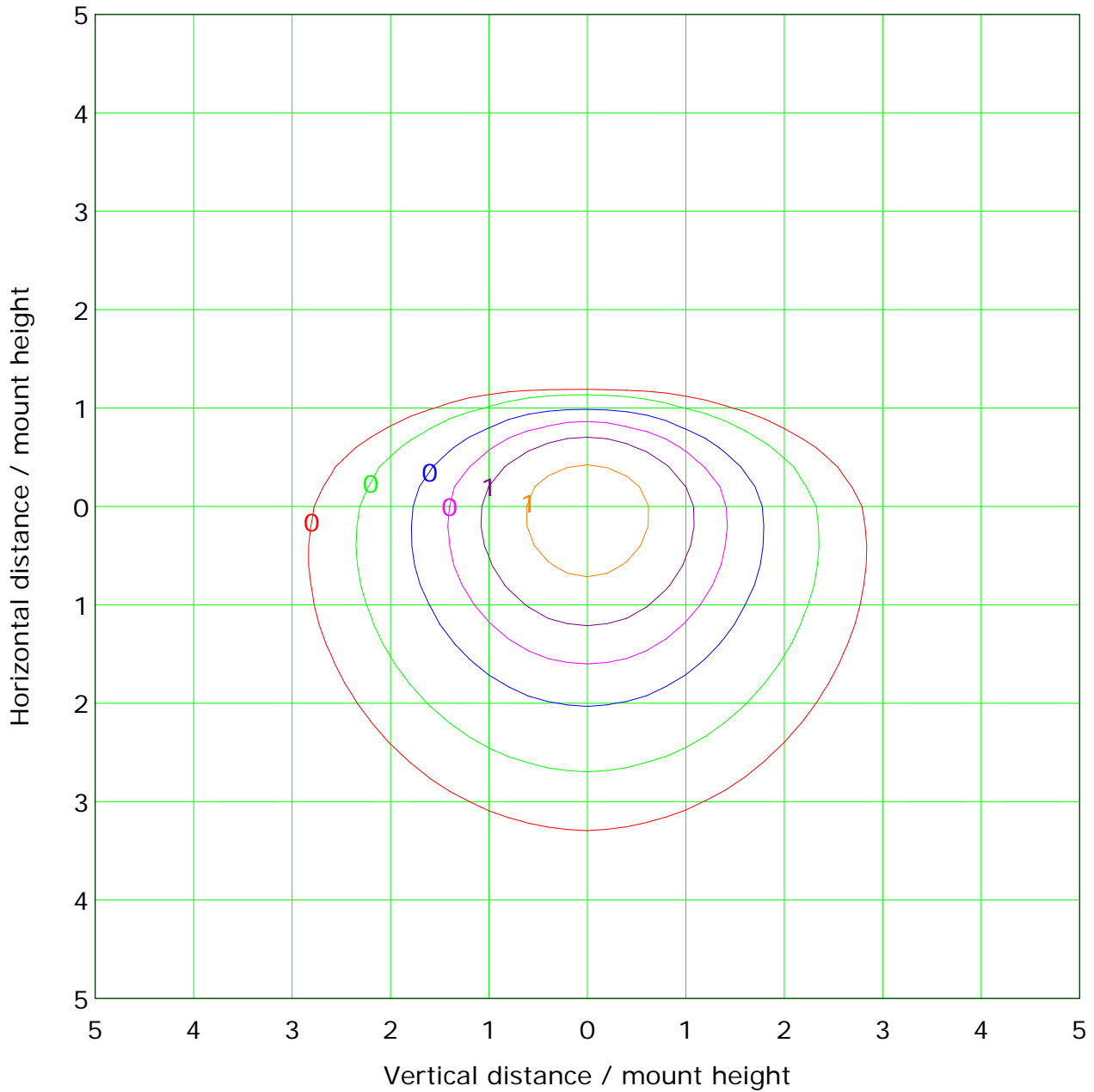
- | | | | |
|-----------|--------|-----------|--------|
| — (10%): | 27 cd | — (16%): | 43 cd |
| — (25%): | 67 cd | — (40%): | 107 cd |
| — (63%): | 168 cd | — (100%): | 267 cd |

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%): 2.6 lx

— (1%): 0.0 lx	— (2%): 0.1 lx
— (5%): 0.1 lx	— (10%): 0.3 lx
— (20%): 0.5 lx	— (50%): 1.3 lx
— (100%): 2.6 lx	

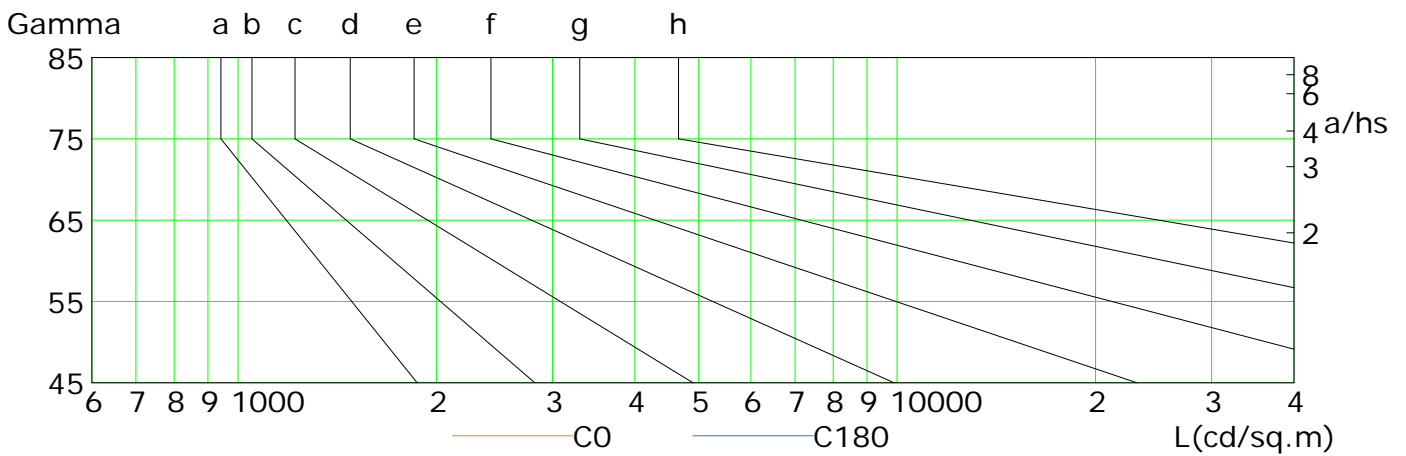
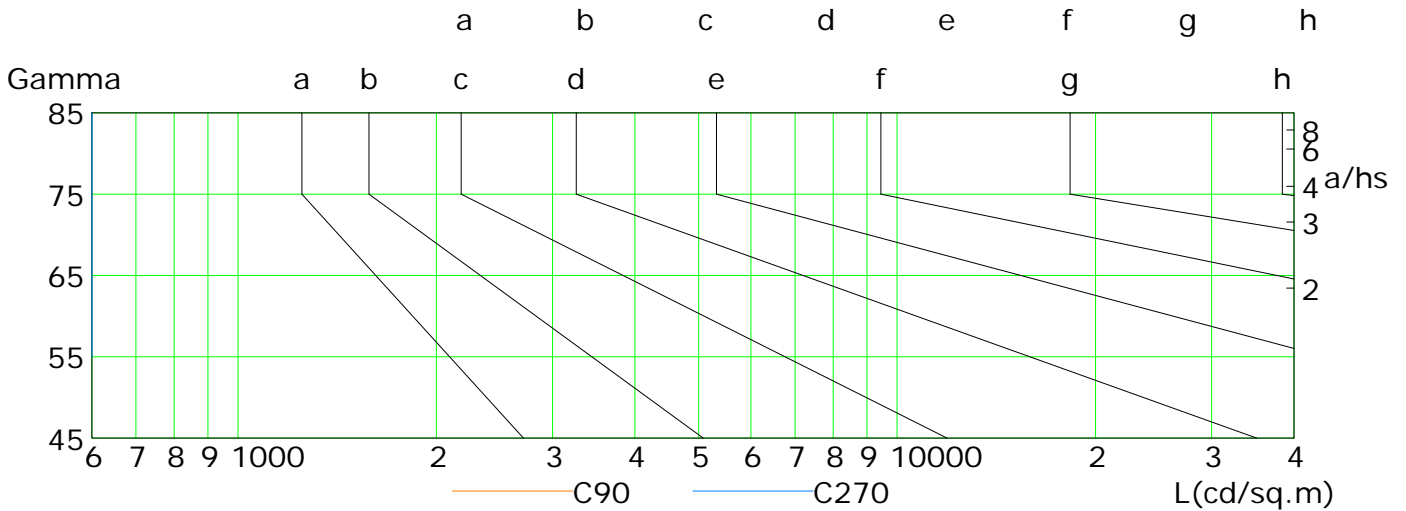
C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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)							
		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



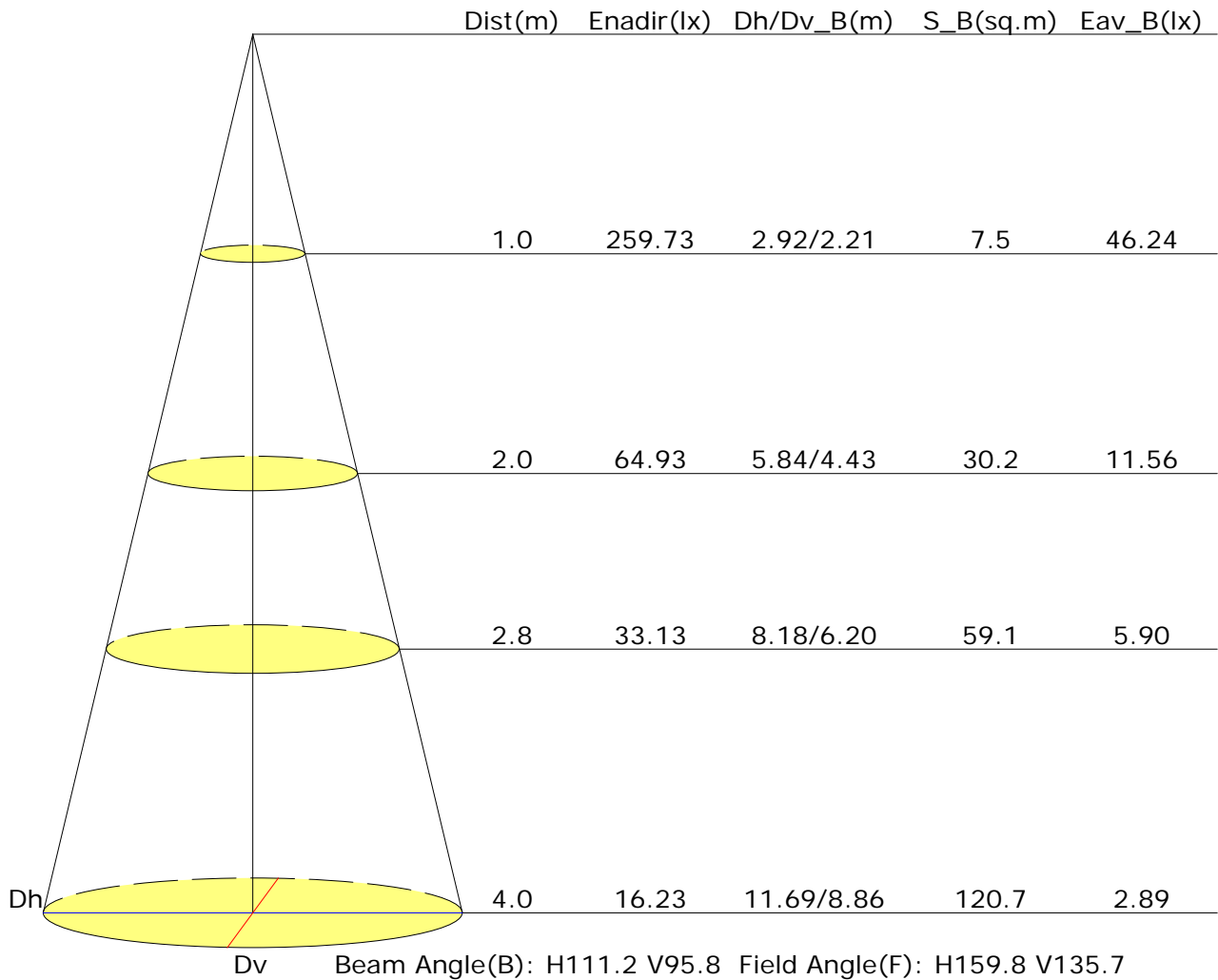
L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	169	151	131	111	90	68	46	25	8
C90	219	204	187	168	146	122	97	72	46
C180	171	153	133	113	91	69	47	26	9
C270	33	9	0	0	0	0	0	0	0

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

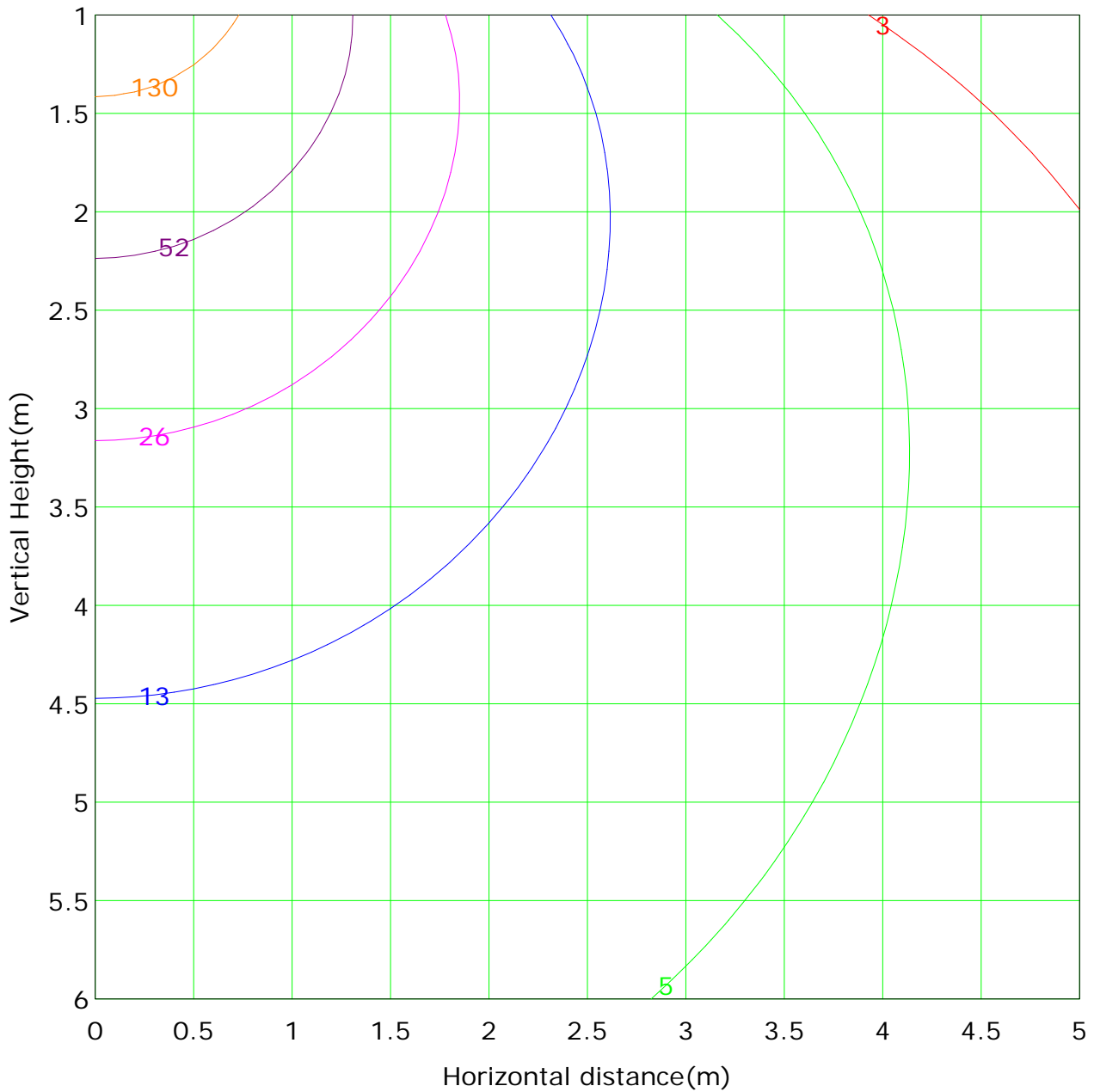


C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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



Vertical IsoLux Plot



Lowest(m): 1.0m	Highest(m): 6.0m	Max Lux: 259.7 lx
— (1%): 2.6 lx	— (2%): 5.2 lx	
— (5%): 13.0 lx	— (10%): 26.0 lx	
— (20%): 51.9 lx	— (50%): 129.9 lx	
— (100%): 259.7 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:



Report No.:

Test Time: 03/10/2018 11:53

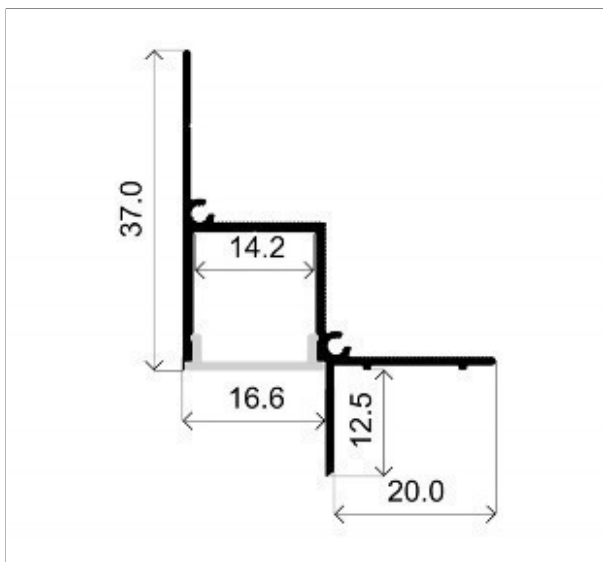
Luminaire Property

Luminaire Manufacturer: Lighting Line
 Luminaire Description: LLP-DW01-03 + LLD-03-FS
 Lamp Description: Strip 14,4W/m 60led/m Number of Lamps: 1
 Lumens per Lamp: 1579 lm Voltage: 24.0 V
 Current: 0.583 A Power: 13.99 W
 Power Factor: 1.000

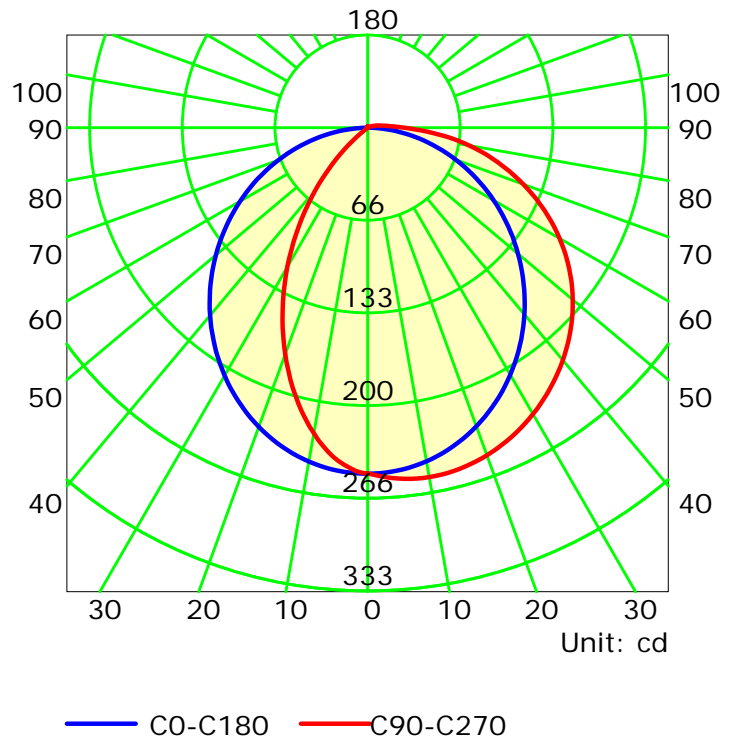
Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 1579.0 lm
Measurement Flux: 624.2 lm	Efficiency: 39.53%
Downward Ratio: 38.92%	Upward Ratio: 0.61%
Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 163.6, 136.8, 142.4, 142.9	
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 109.7, 95.9, 97.5, 98.0	
Luminaire Efficacy Rating (LER): 44.67	Central Intensity: 249.24 cd
Max. Intensity: 255.58 cd	Pos of Max. Intensity: H90 V11
S/MH(C0/C180): 1.23	S/MH(C90/C270): 1.08

Picture Of Luminaire



Luminous Intensity Distribution Curve

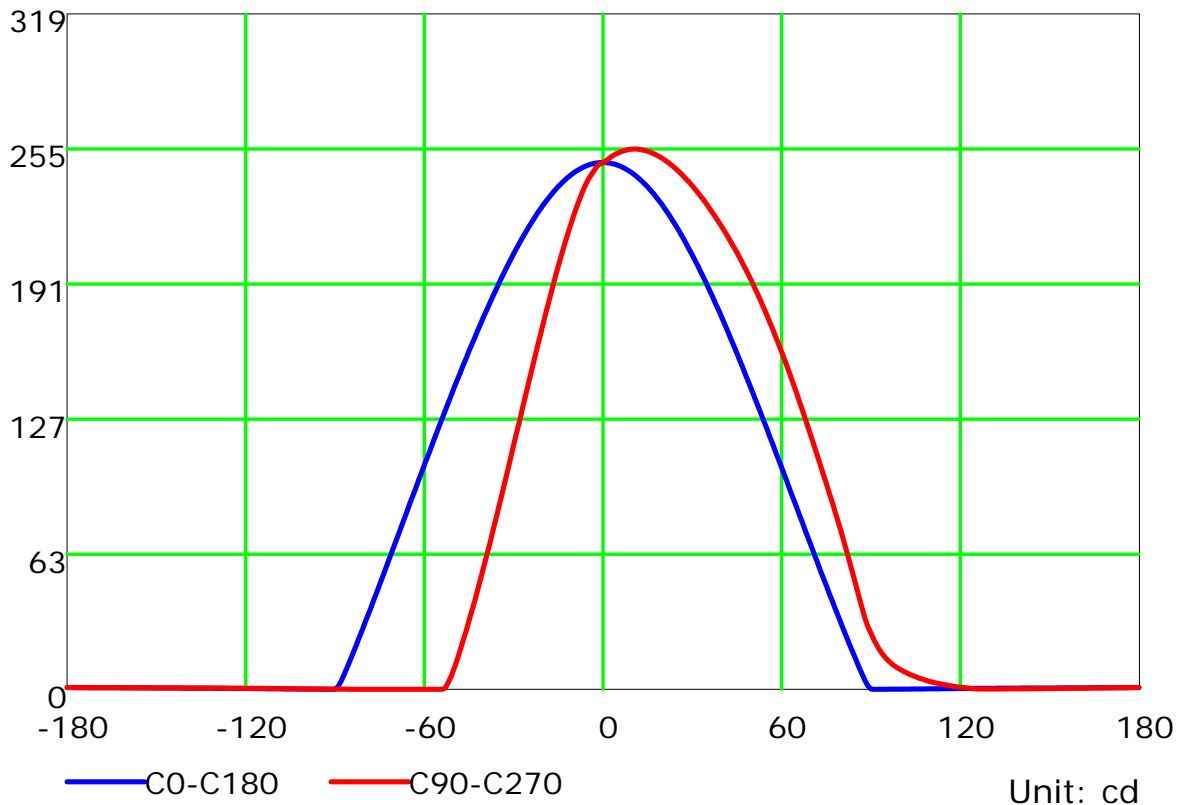
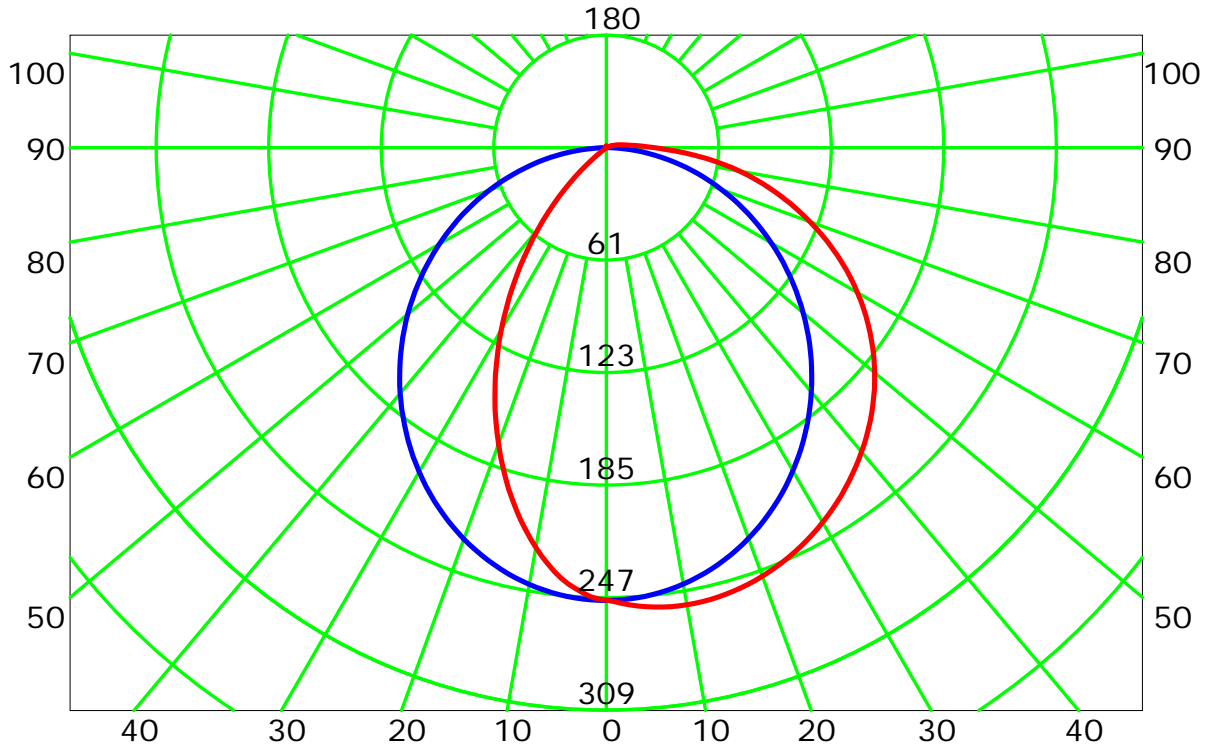


C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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



Luminous Intensity Distribution Curve

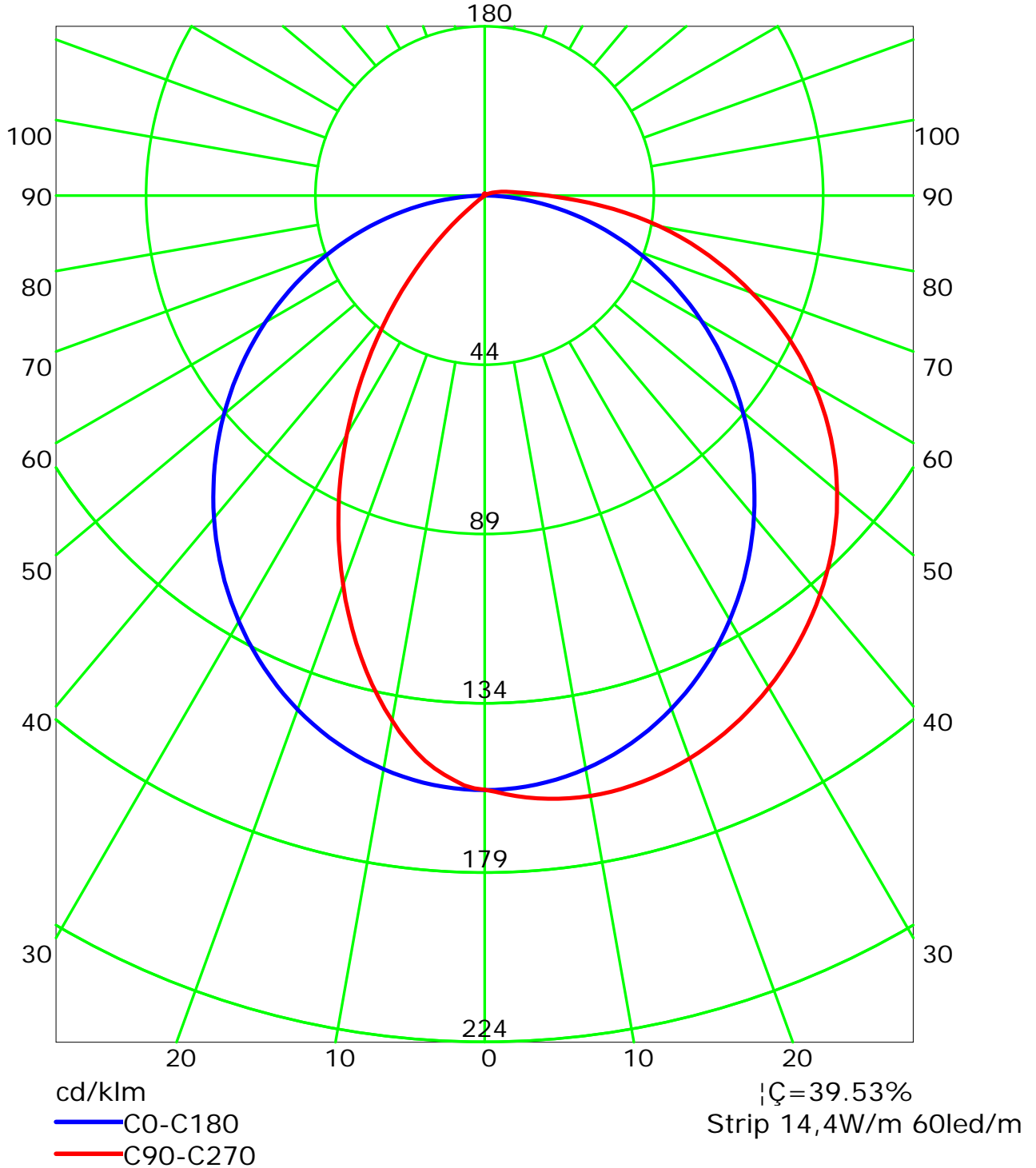


C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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



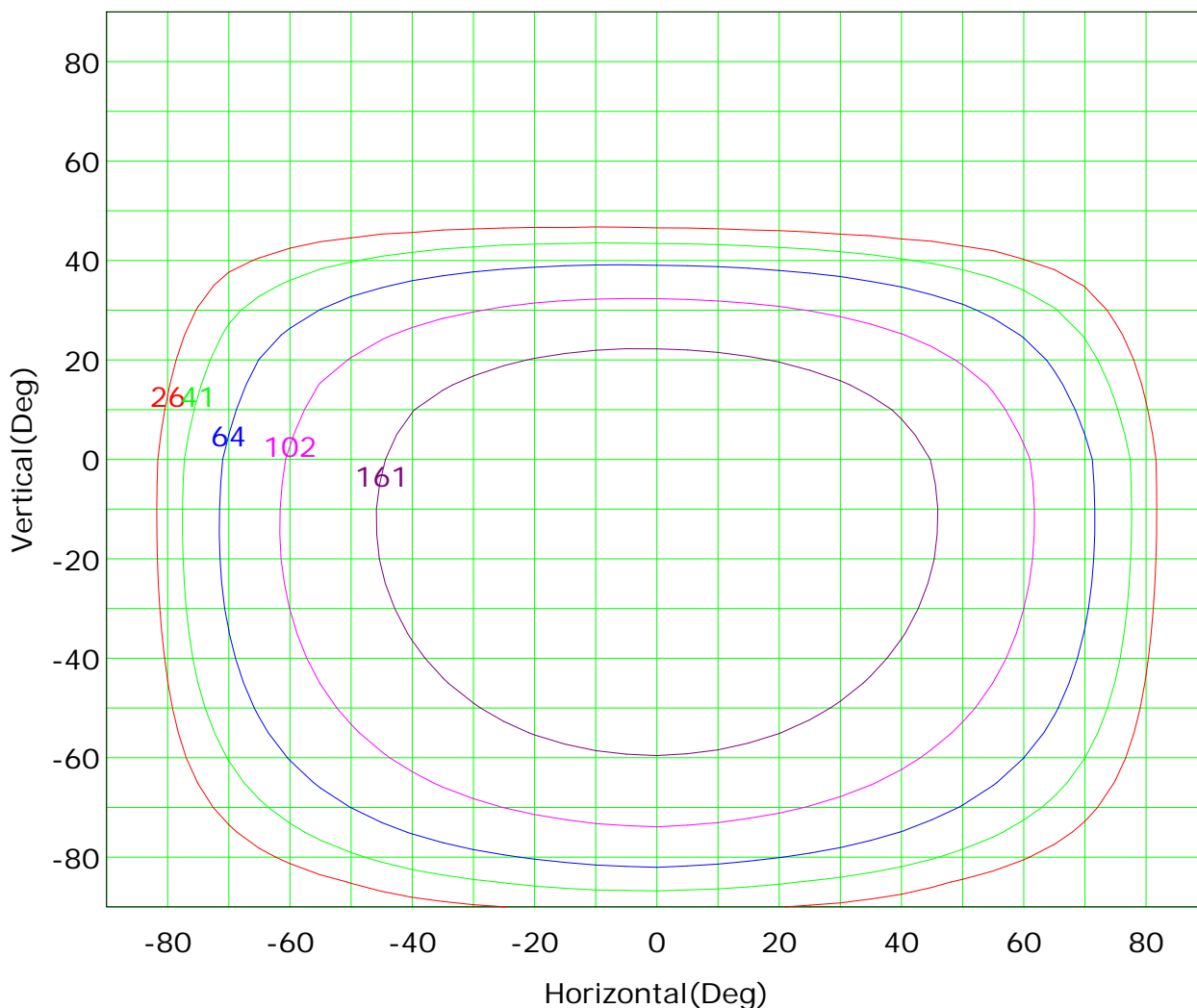
Luminous Intensity Distribution Curve(cd/klm)



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)



Imax (100%): 256 cd

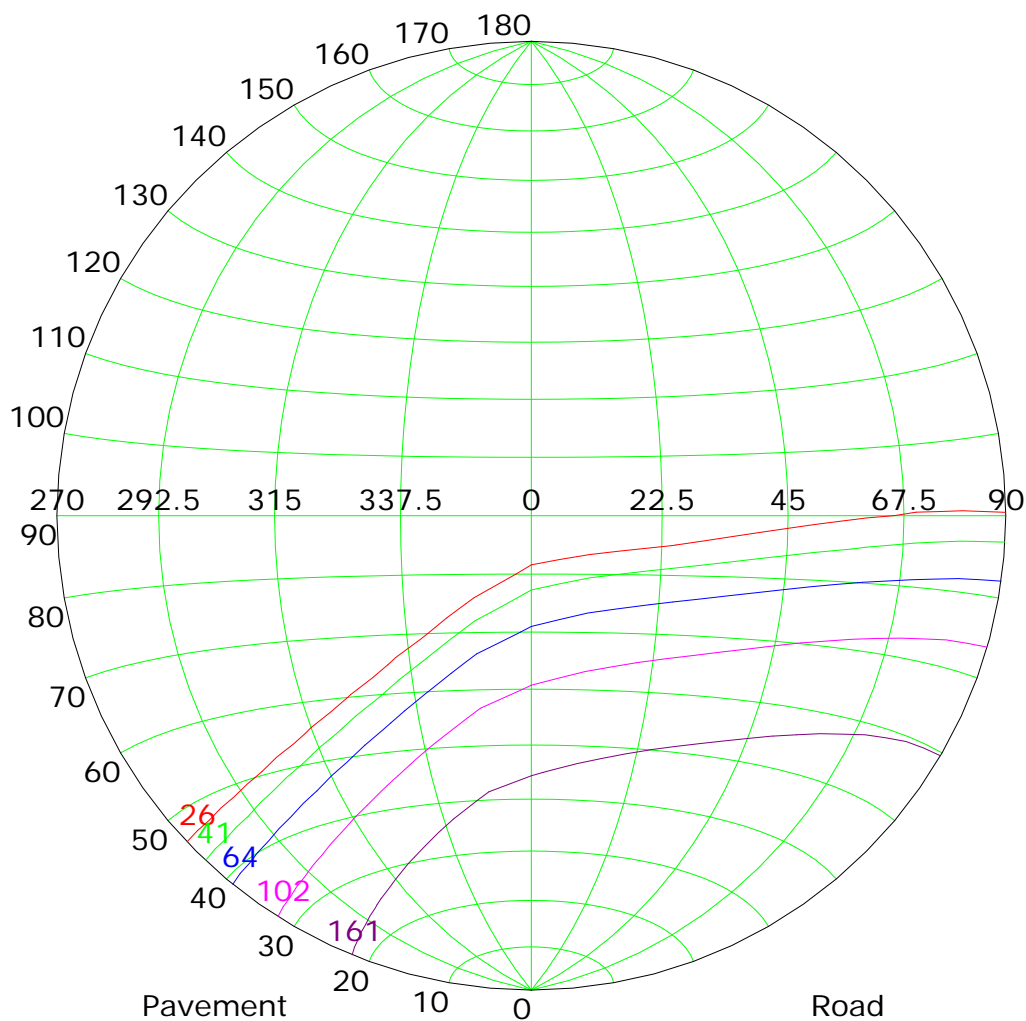
— (10%):	26 cd	— (16%):	41 cd
— (25%):	64 cd	— (40%):	102 cd
— (63%):	161 cd	— (100%):	256 cd

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%): 256 cd

— (10%):	26 cd	— (16%):	41 cd
— (25%):	64 cd	— (40%):	102 cd
— (63%):	161 cd	— (100%):	256 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

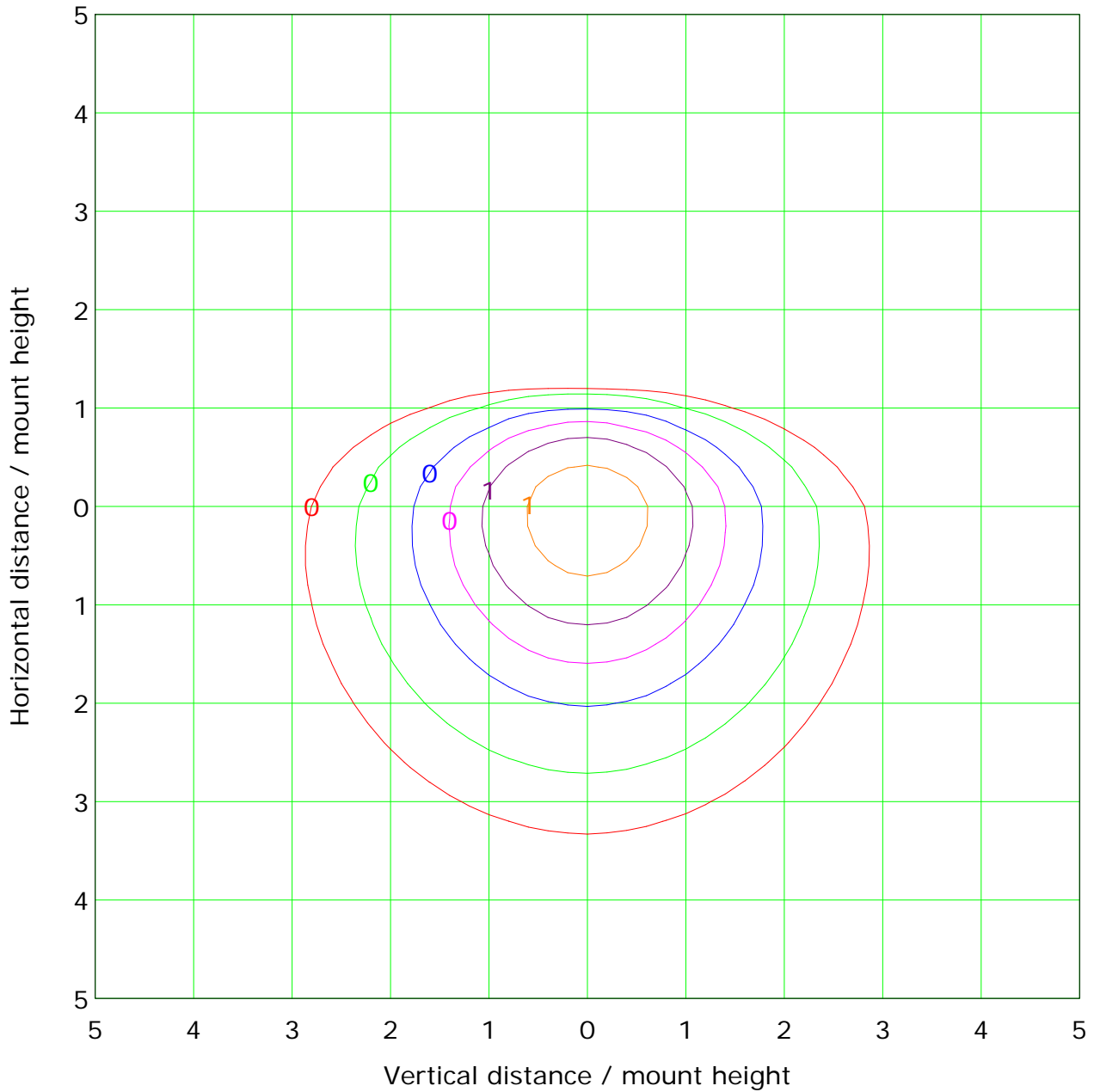
Distance: 7.970 m

Humidity:

Inspector:



IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 2.5 lx

— (1%): 0.0 lx	— (2%): 0.1 lx
— (5%): 0.1 lx	— (10%): 0.3 lx
— (20%): 0.5 lx	— (50%): 1.3 lx
— (100%): 2.5 lx	

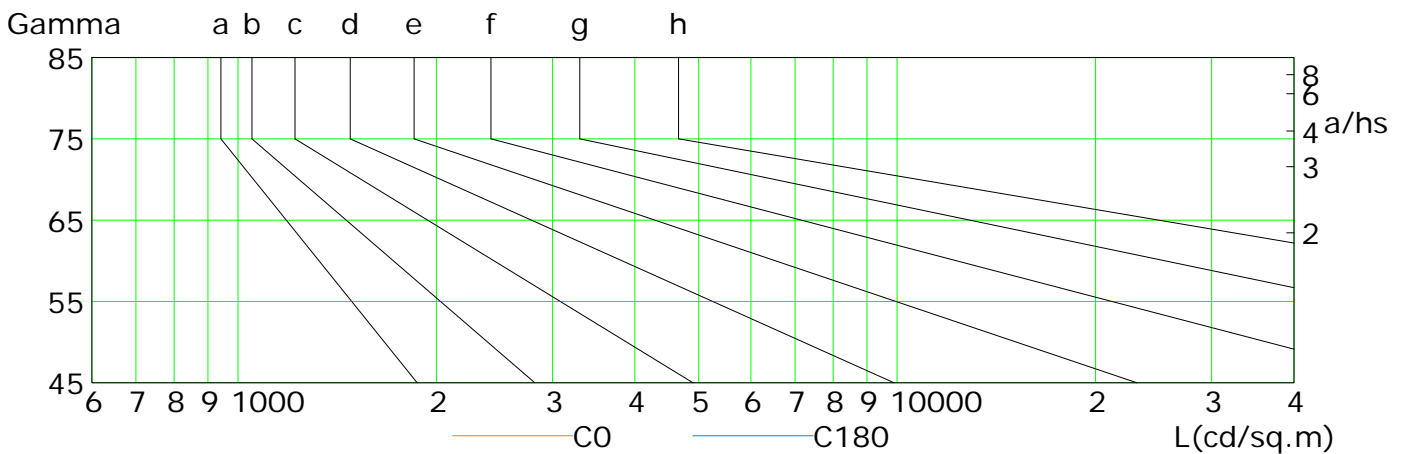
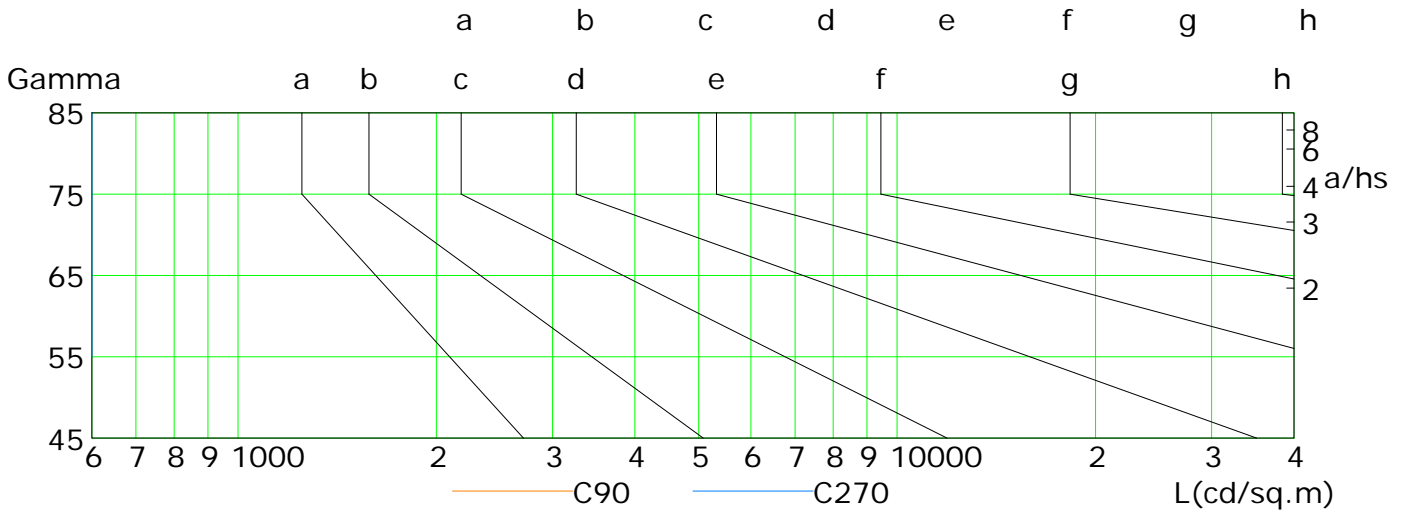
C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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)							
		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	159	141	123	105	86	68	49	31	14
C90	207	193	177	160	140	119	97	74	49
C180	160	143	125	106	87	68	50	31	14
C270	33	10	0	0	0	0	0	0	0

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

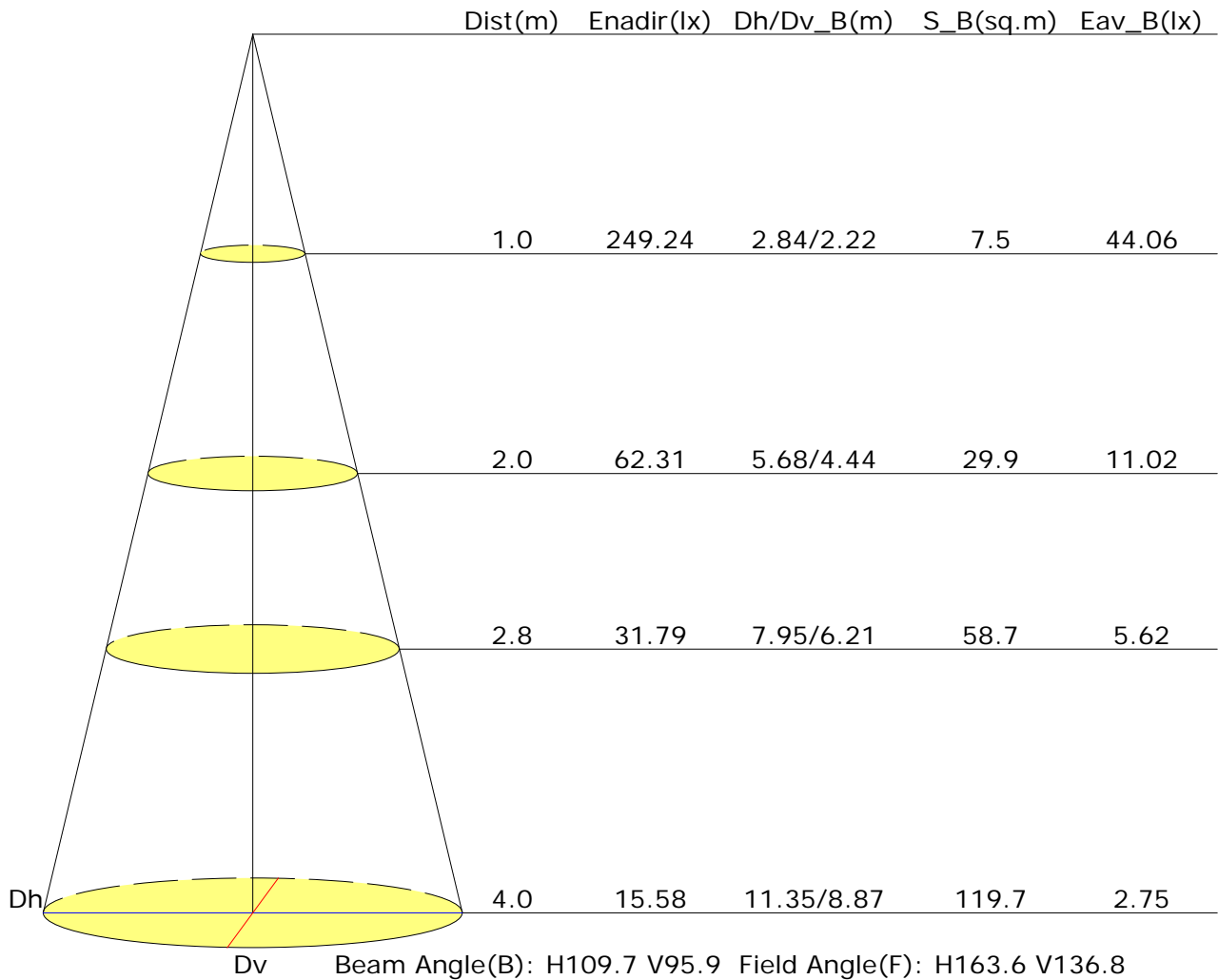
Distance: 7.970 m

Humidity:

Inspector:



Illuminance at a Distance

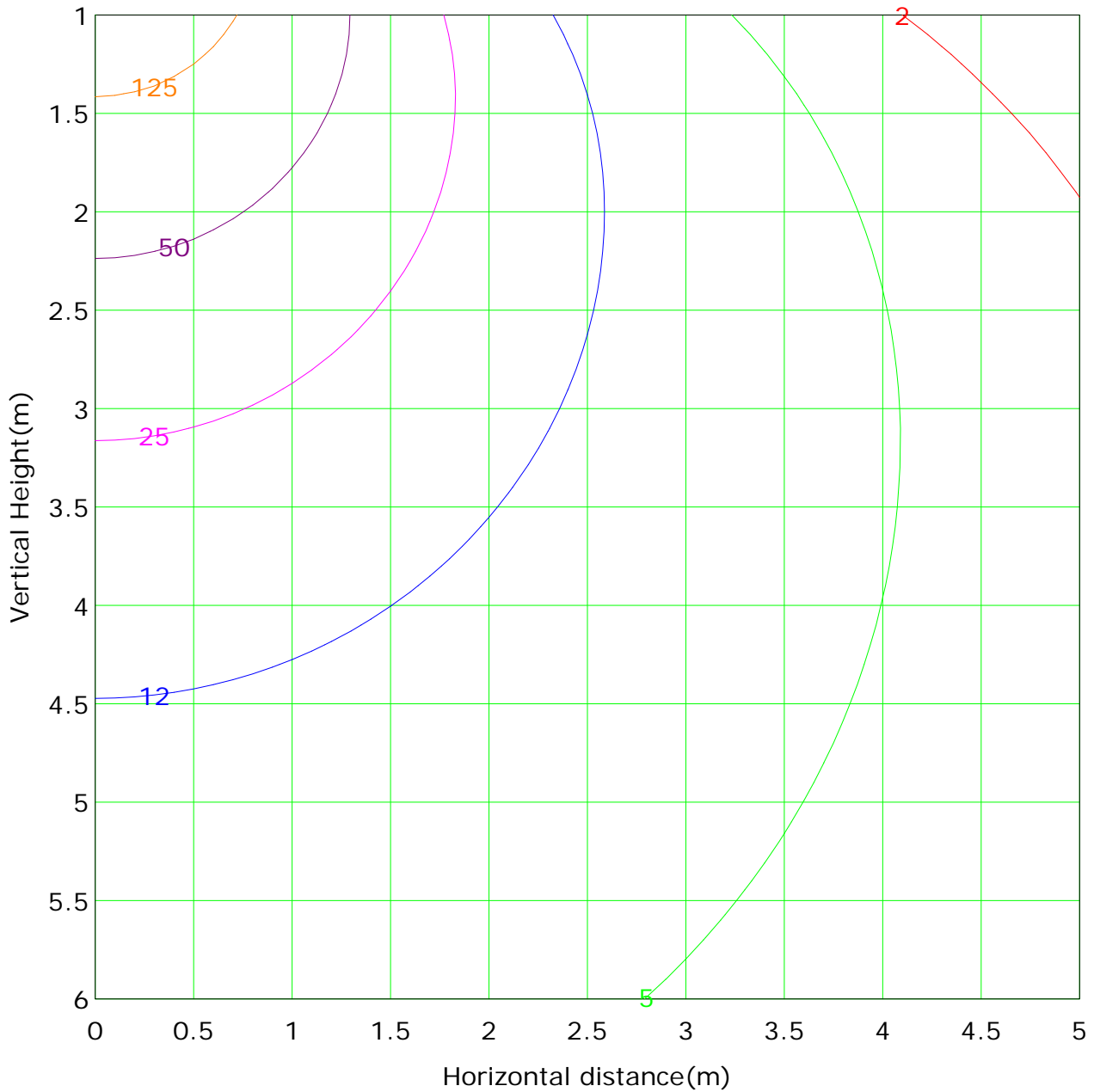


C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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



Vertical IsoLux Plot



Lowest(m): 1.0m	Highest(m): 6.0m	Max Lux: 249.2 lx
— (1%): 2.5 lx	— (2%): 5.0 lx	— (10%): 24.9 lx
— (5%): 12.5 lx	— (20%): 49.8 lx	— (50%): 124.6 lx
— (100%): 249.2 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:



Report No.:

Test Time: 03/10/2018 15:42

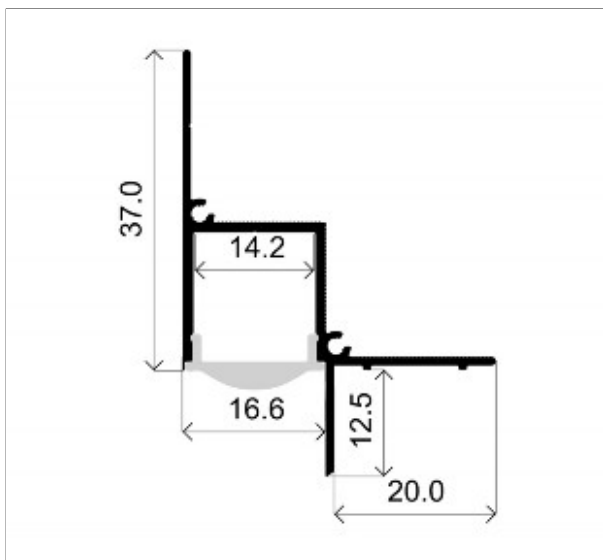
Luminaire Property

Luminaire Manufacturer: Lighting Line
 Luminaire Description: LLP-DW01-03 + LLD-03-XK3-L1
 Lamp Description: Strip 14,4W/m 60led/m Number of Lamps: 1
 Lumens per Lamp: 1579 lm Voltage: 24.0 V
 Current: 0.587 A Power: 14.09 W
 Power Factor: 1.000

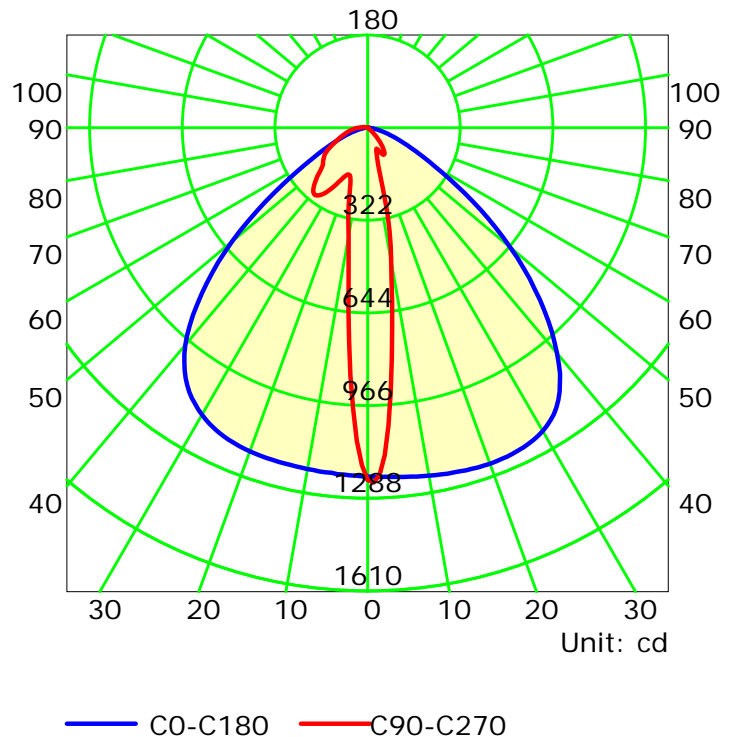
Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 1579.0 lm
Measurement Flux: 933.3 lm	Efficiency: 59.10%
Downward Ratio: 58.29%	Upward Ratio: 0.81%
Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 134.5, 82.8, 84.7, 85.5	
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 100.5, 14.2, 19.8, 20.0	
Luminaire Efficacy Rating (LER): 66.29	Central Intensity: 1213.39 cd
Max. Intensity: 1248.19 cd	Pos of Max. Intensity: H10 V8
S/MH(C0/C180): 1.42	S/MH(C90/C270): 0.24

Picture Of Luminaire



Luminous Intensity Distribution Curve

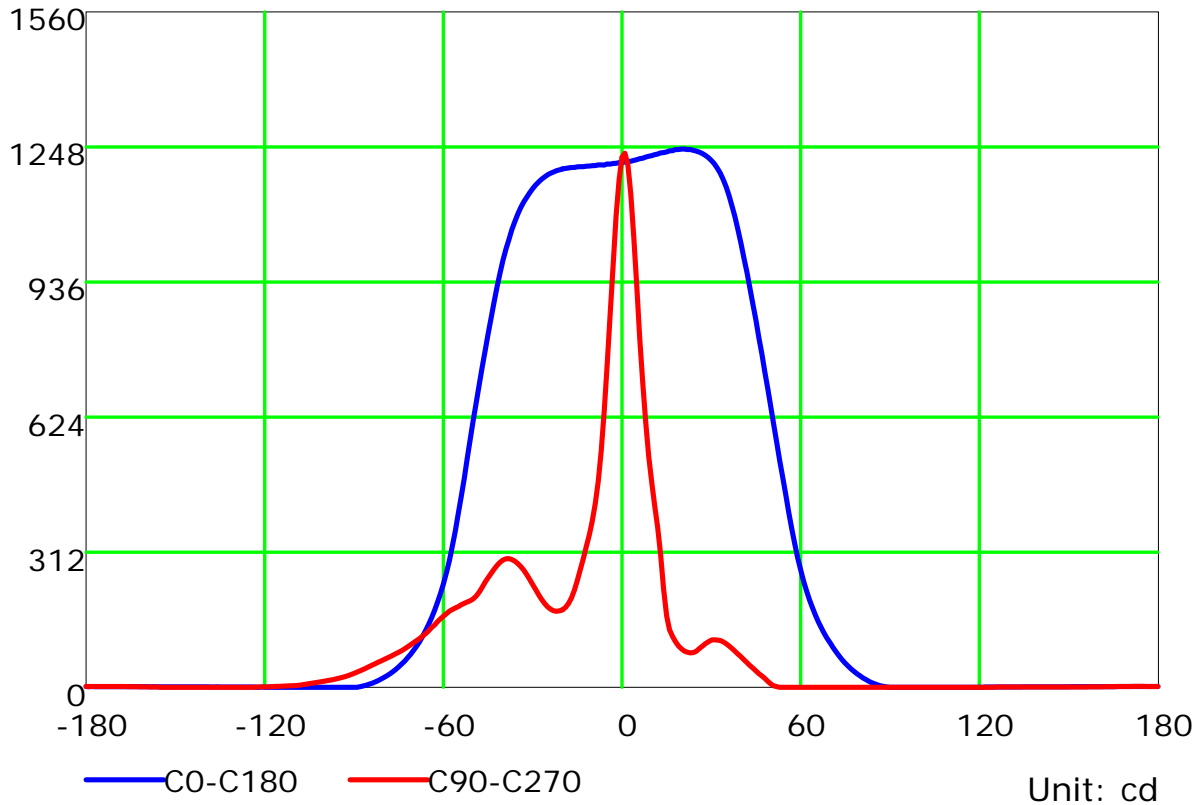
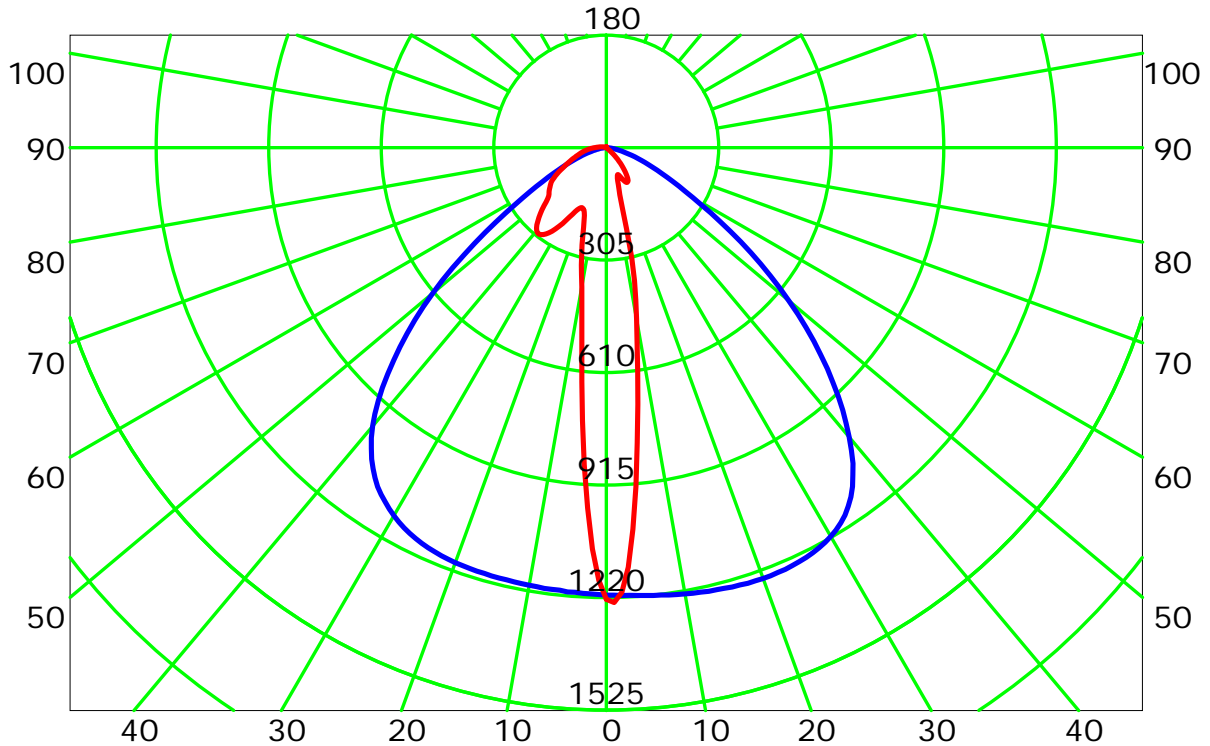


C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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



Luminous Intensity Distribution Curve

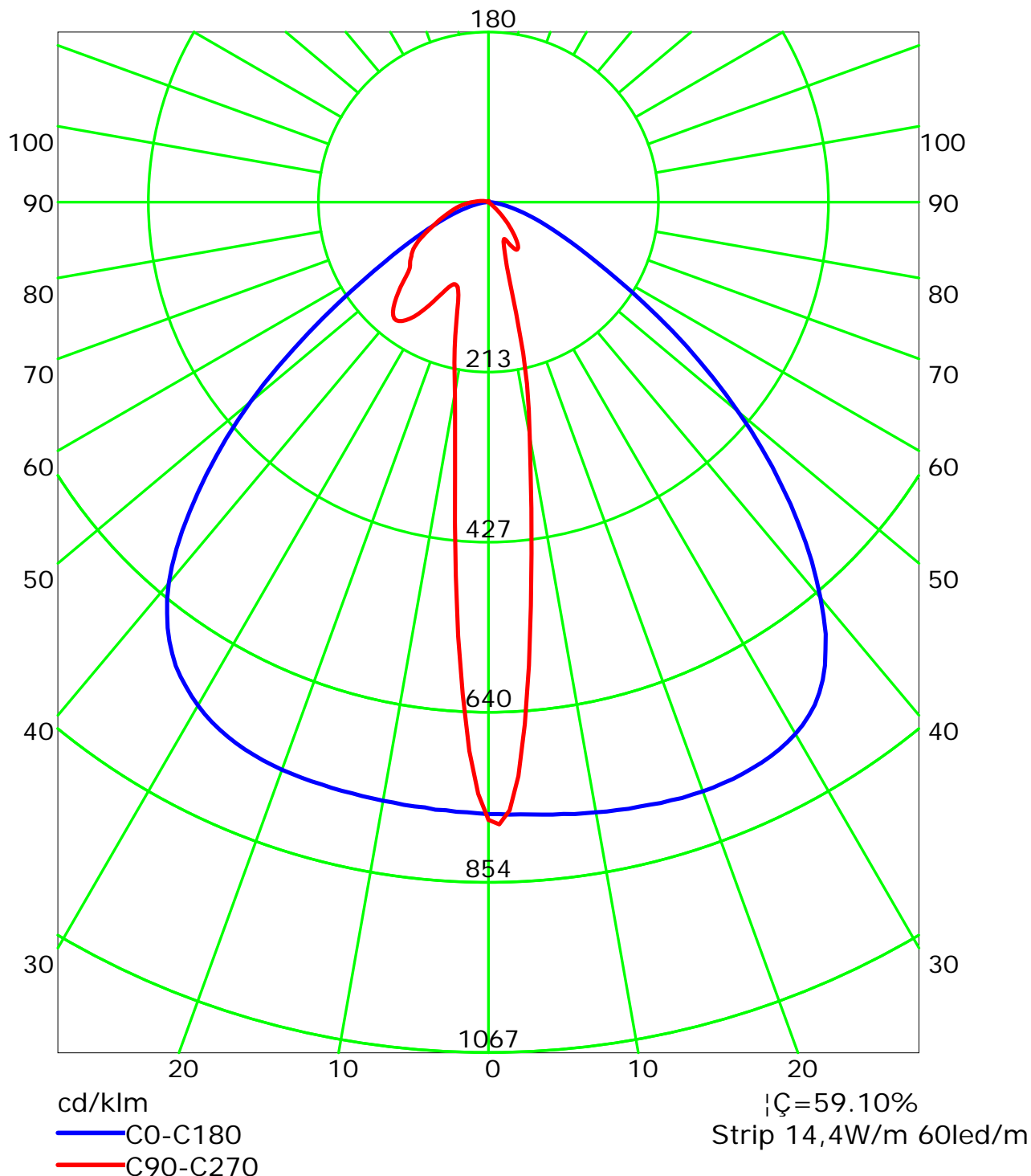


C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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



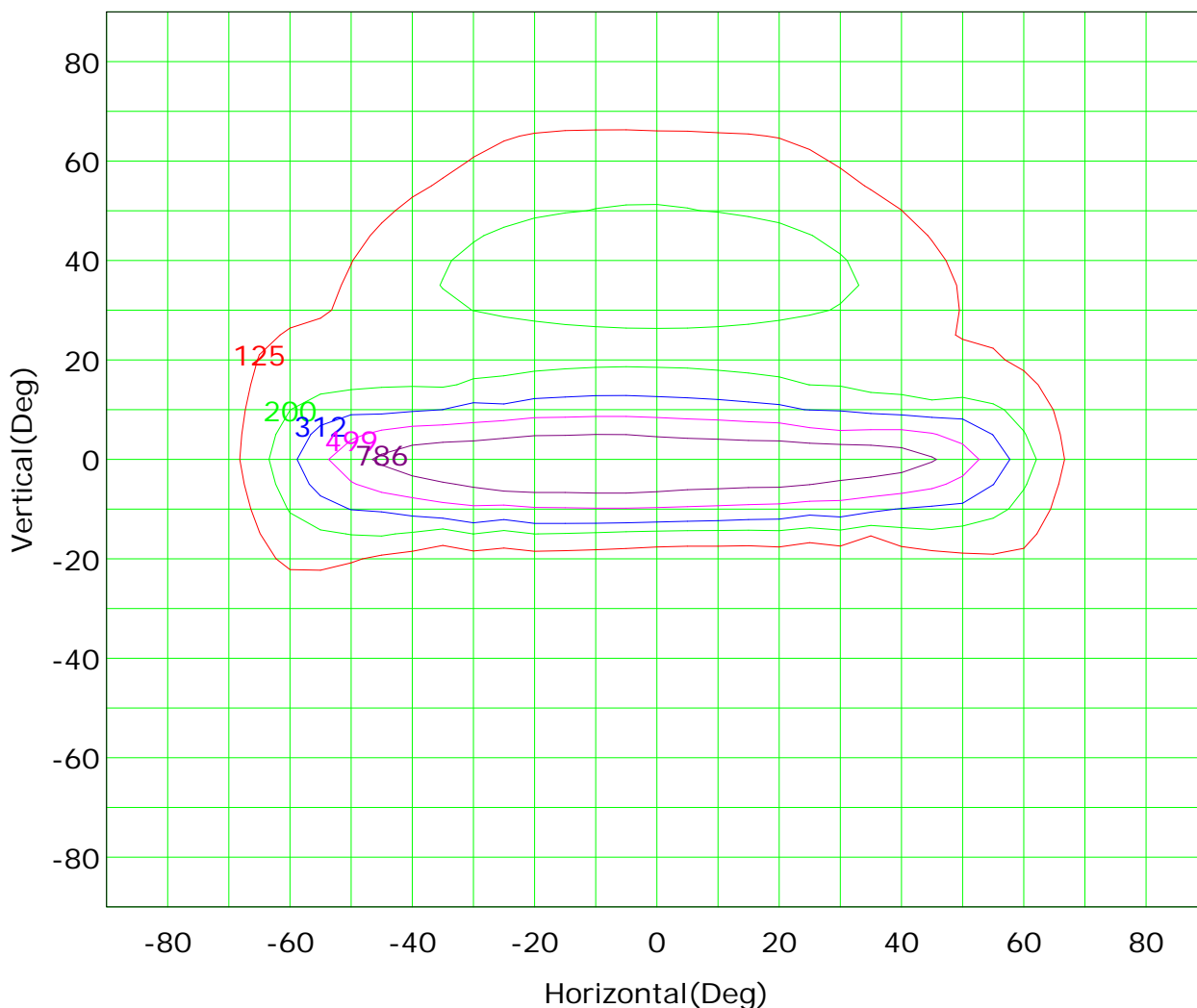
Luminous Intensity Distribution Curve(cd/klm)



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)



Imax (100%): 1248 cd

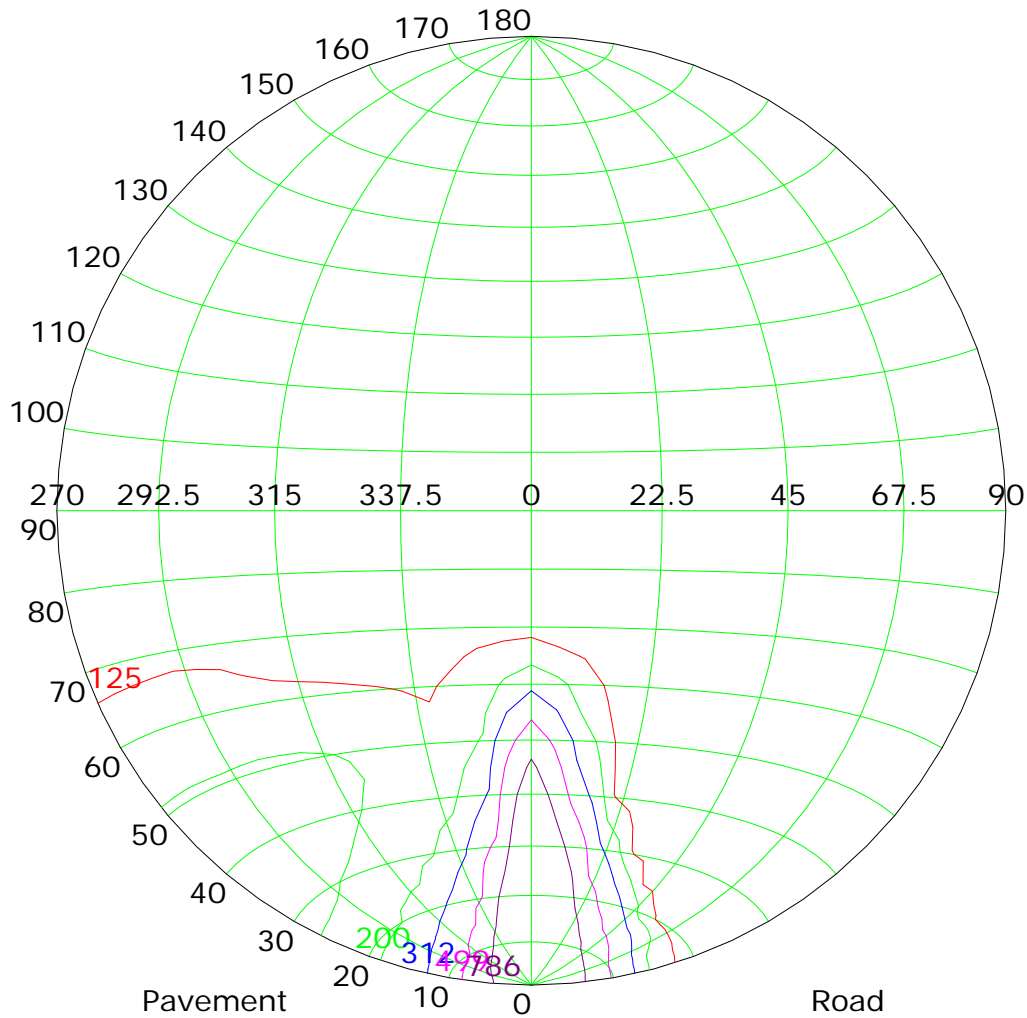
— (10%):	125 cd	— (16%):	200 cd
— (25%):	312 cd	— (40%):	499 cd
— (63%):	786 cd	— (100%):	1248 cd

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)

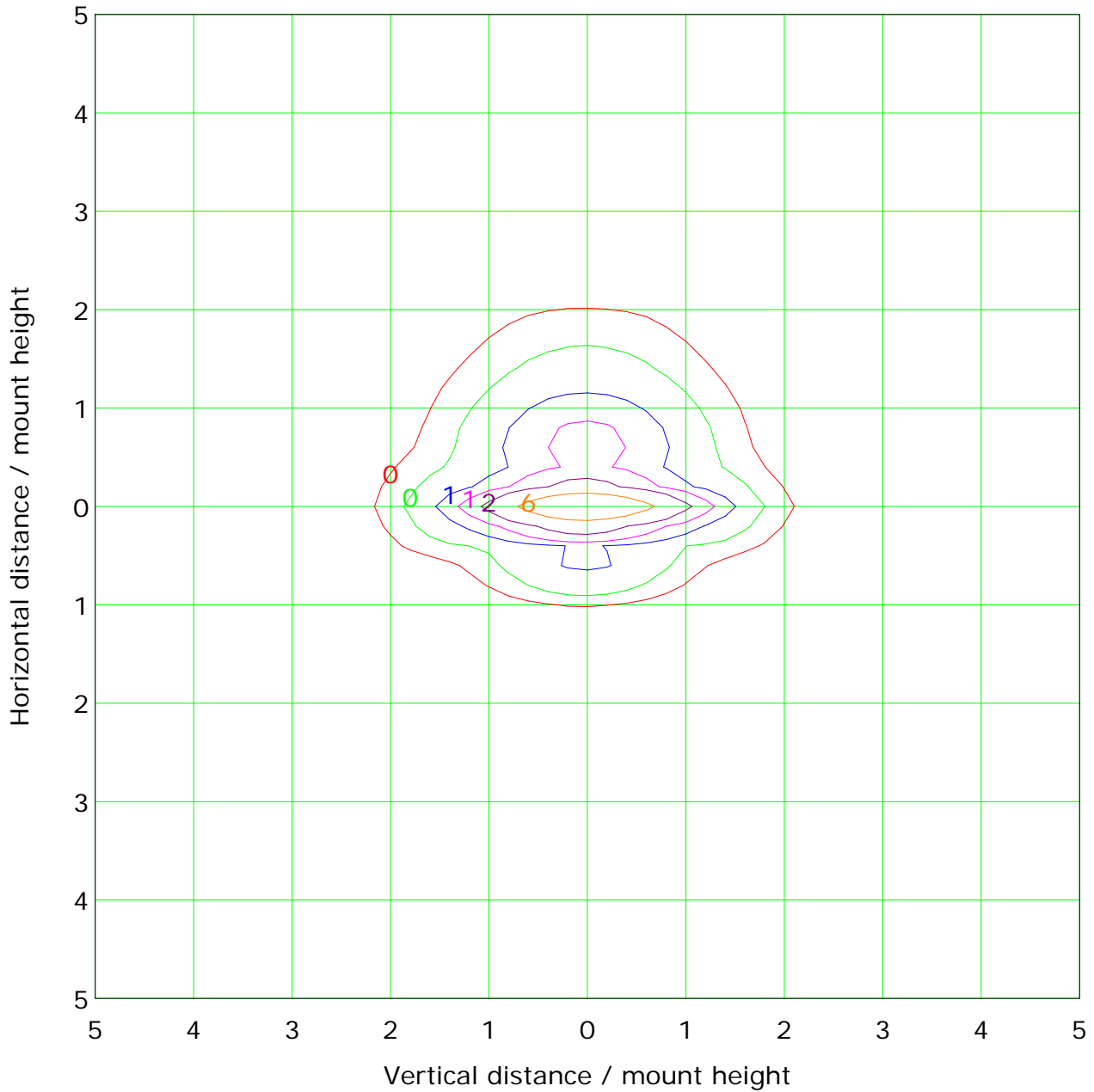


Imax (100%): 1248 cd

— (10%):	125 cd	— (16%):	200 cd
— (25%):	312 cd	— (40%):	499 cd
— (63%):	786 cd	— (100%):	1248 cd



IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 12.4 lx	
— (1%):	0.1 lx	— (2%):	0.2 lx
— (5%):	0.6 lx	— (10%):	1.2 lx
— (20%):	2.5 lx	— (50%):	6.2 lx
— (100%):	12.4 lx		

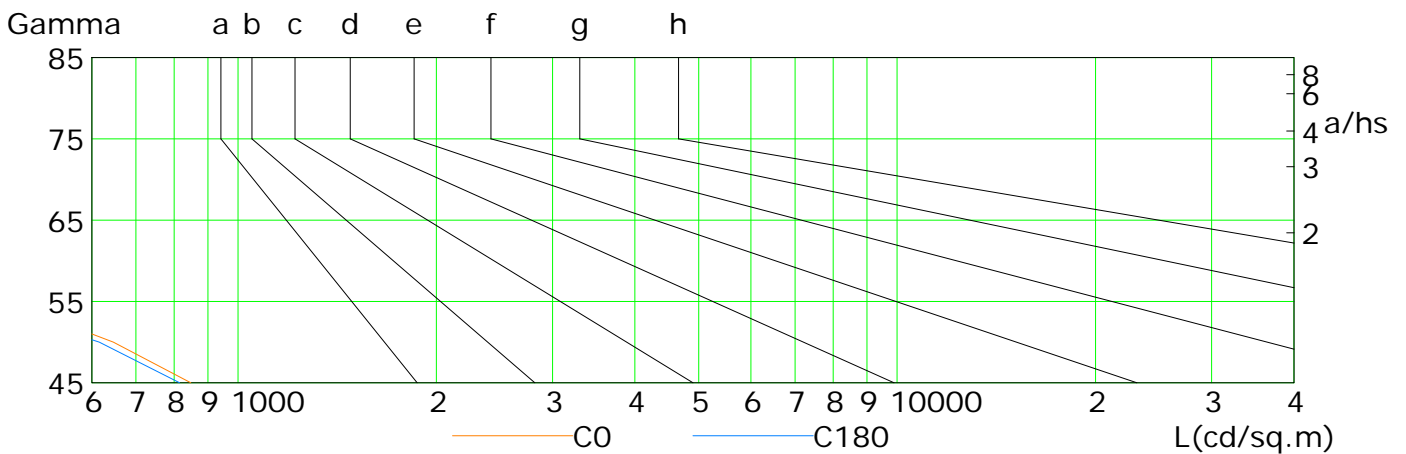
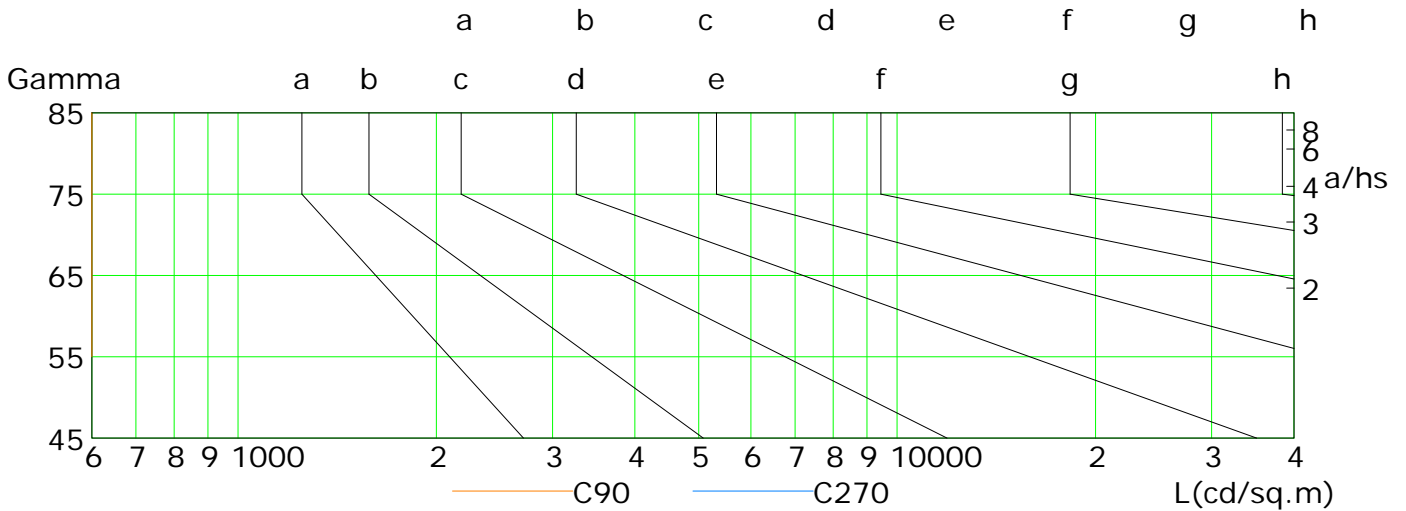
C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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)							
		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	848	647	445	272	166	102	56	26	8
C90	38	8	0	0	0	0	0	0	0
C180	816	616	401	239	145	85	47	23	7
C270	253	204	187	164	131	103	81	64	48

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

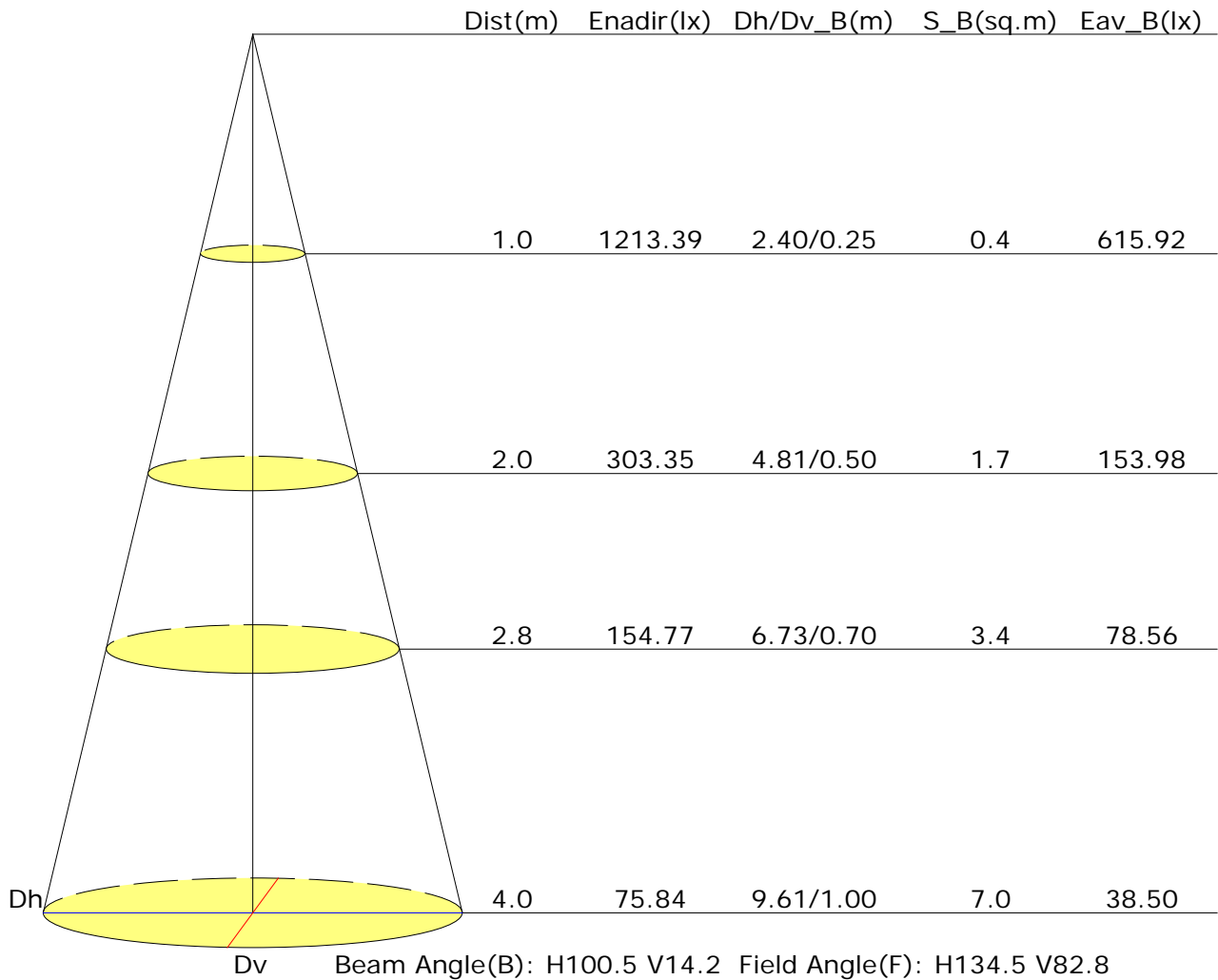
Distance: 7.970 m

Humidity:

Inspector:



Illuminance at a Distance

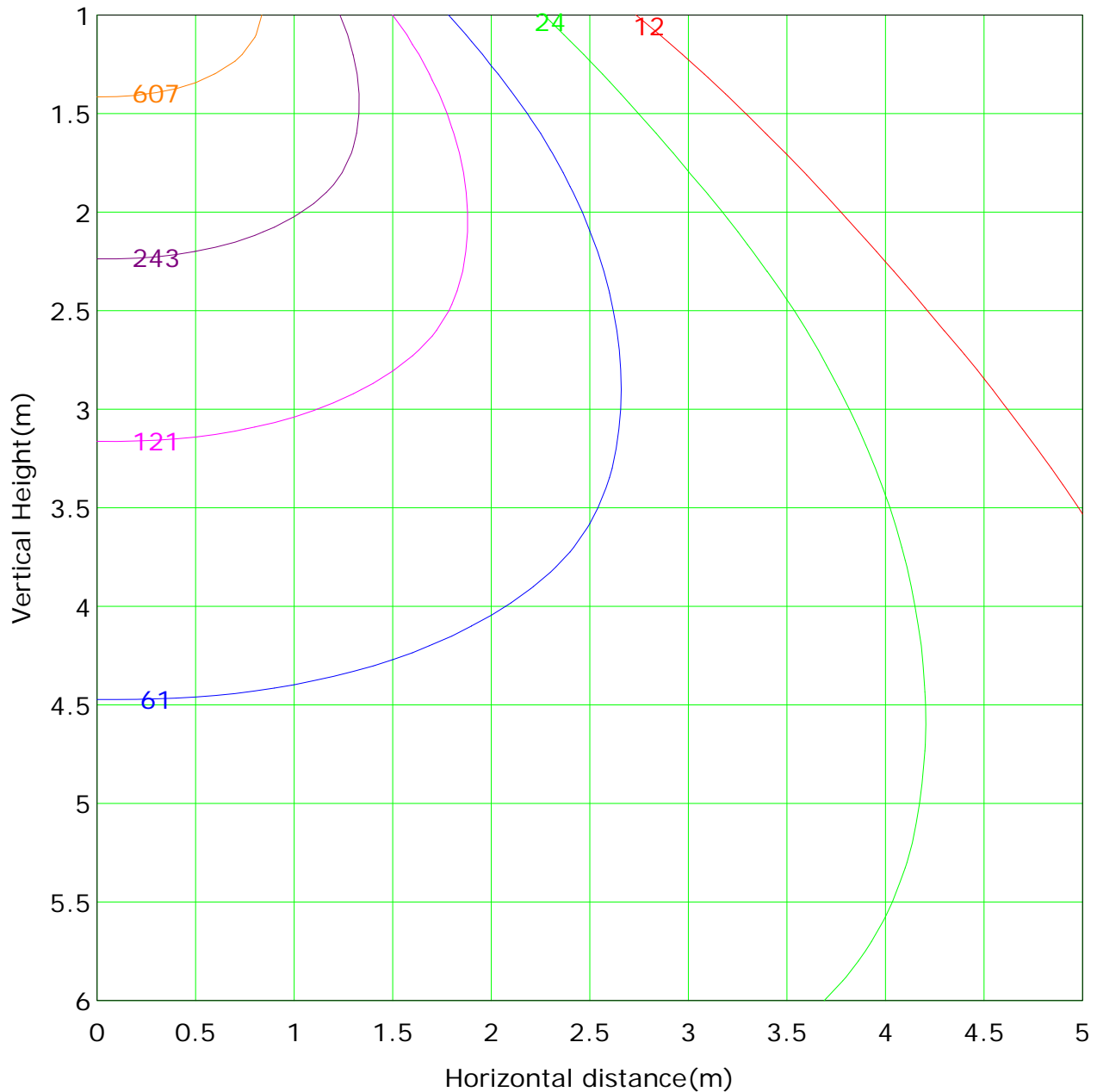


C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 6.0m Max Lux: 1213.4 lx
— (1%): 12.1 lx — (2%): 24.3 lx
— (5%): 60.7 lx — (10%): 121.3 lx
— (20%): 242.7 lx — (50%): 606.7 lx
— (100%): 1213.4 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: