



Report No.:

Test Time: 02/10/2018 16:41

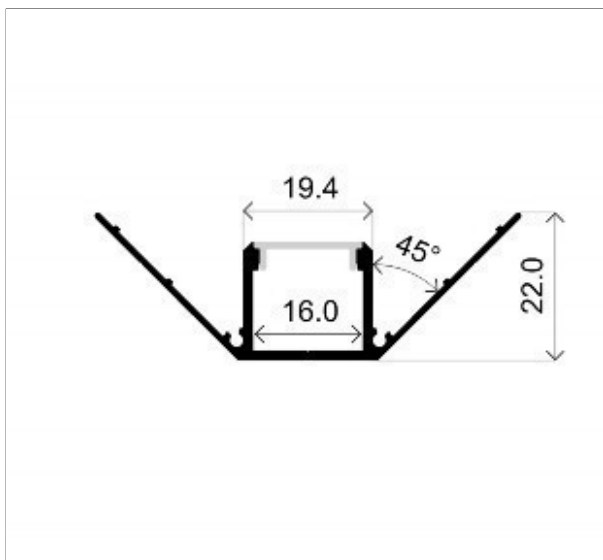
Luminaire Property

Luminaire Manufacturer: Lighting Line
 Luminaire Description: LLP-DW02-03 + LLD-03-FK
 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

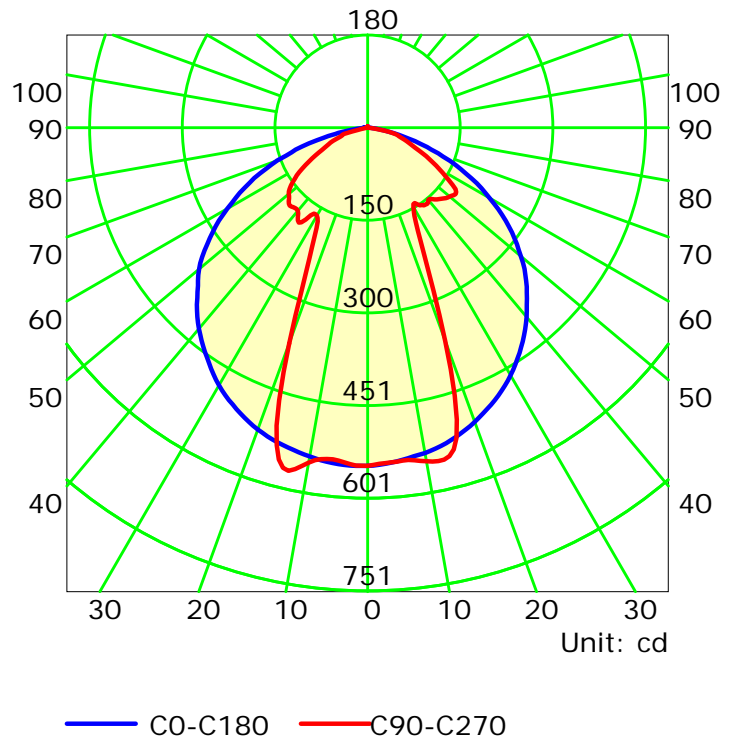
Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 1579.0 lm
Measurement Flux: 979.9 lm	Efficiency: 62.06%
Downward Ratio: 61.87%	Upward Ratio: 0.19%
Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 155.5, 142.7, 138.9, 139.0	
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 114.5, 44.1, 58.9, 59.6	
Luminaire Efficacy Rating (LER): 69.65	Central Intensity: 548.9 cd
Max. Intensity: 571.58 cd	Pos of Max. Intensity: H270 V13
S/MH(C0/C180): 1.28	S/MH(C90/C270): 0.76

Picture Of Luminaire



Luminous Intensity Distribution Curve

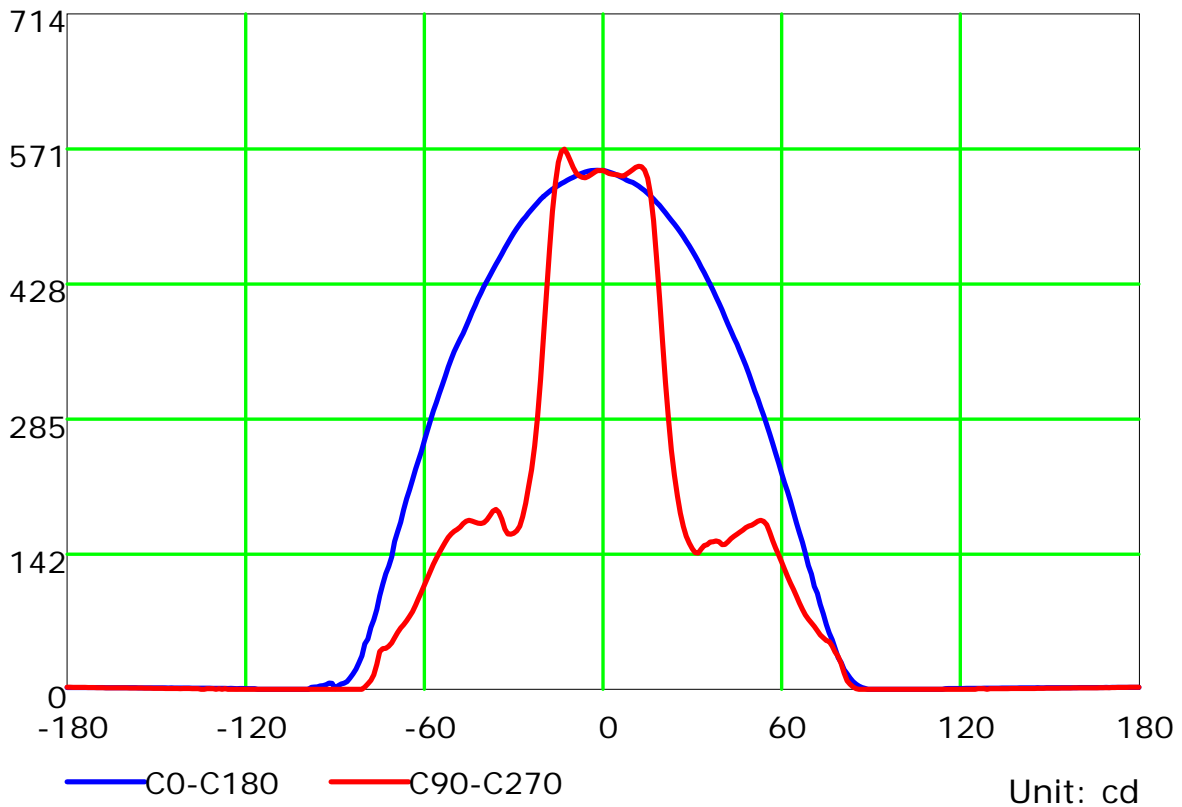
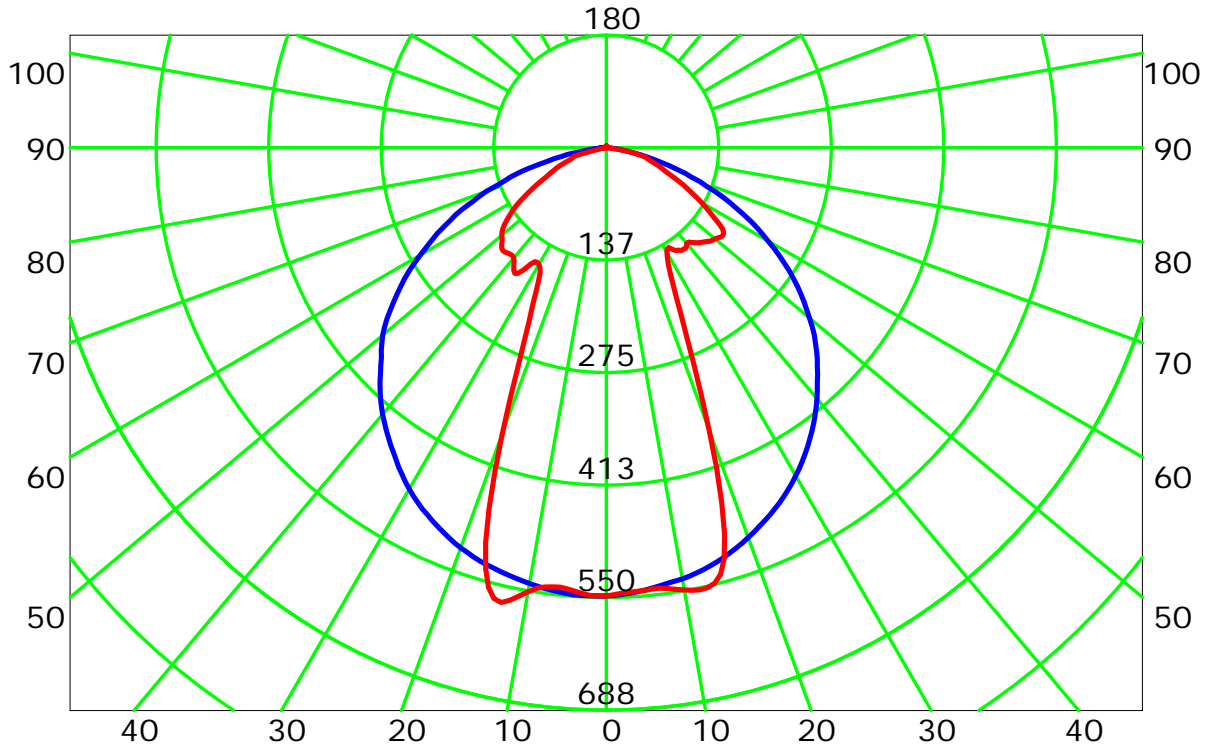


C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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



Luminous Intensity Distribution Curve

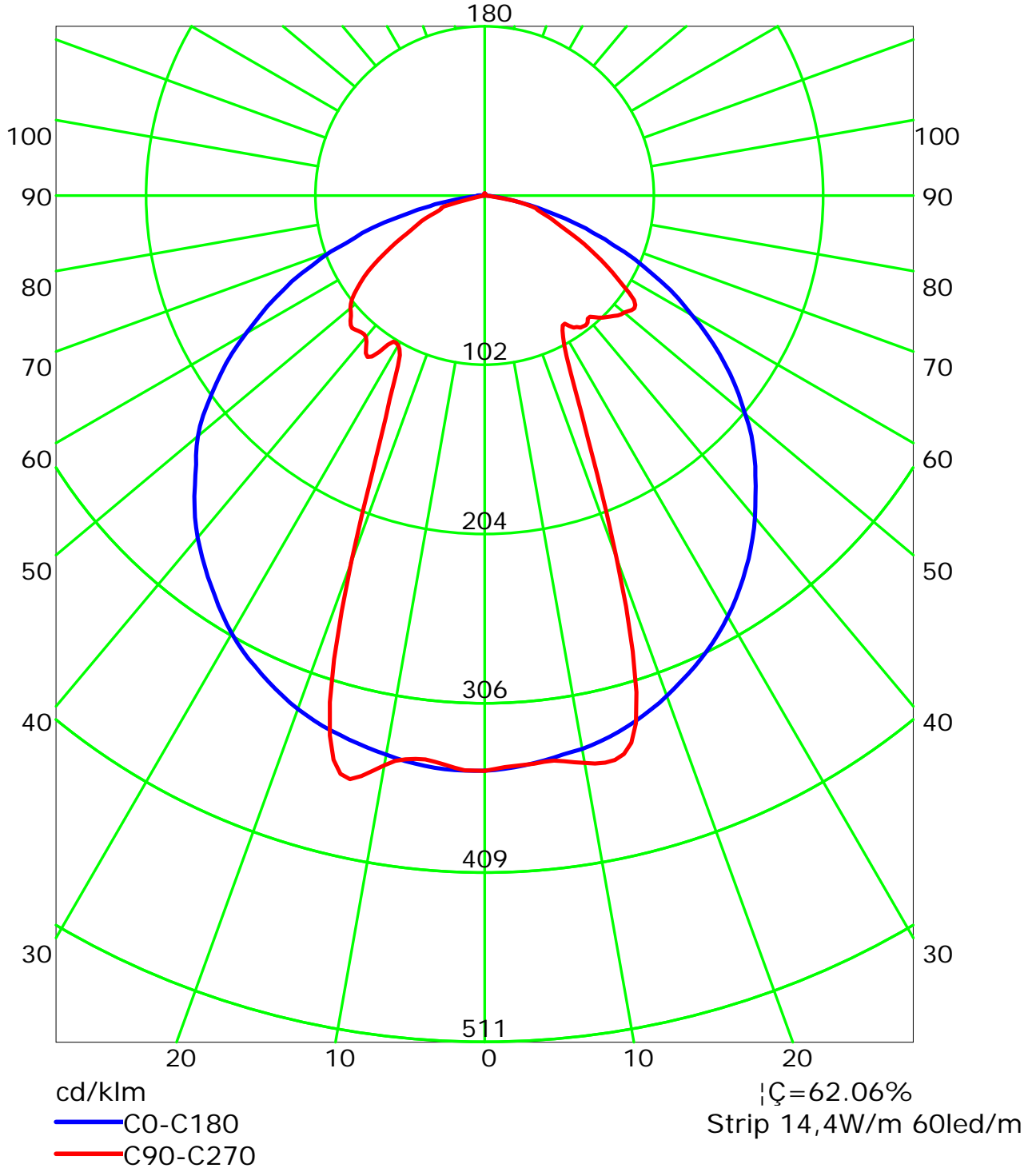


C Plane (°):0.0-360.0: 10.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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



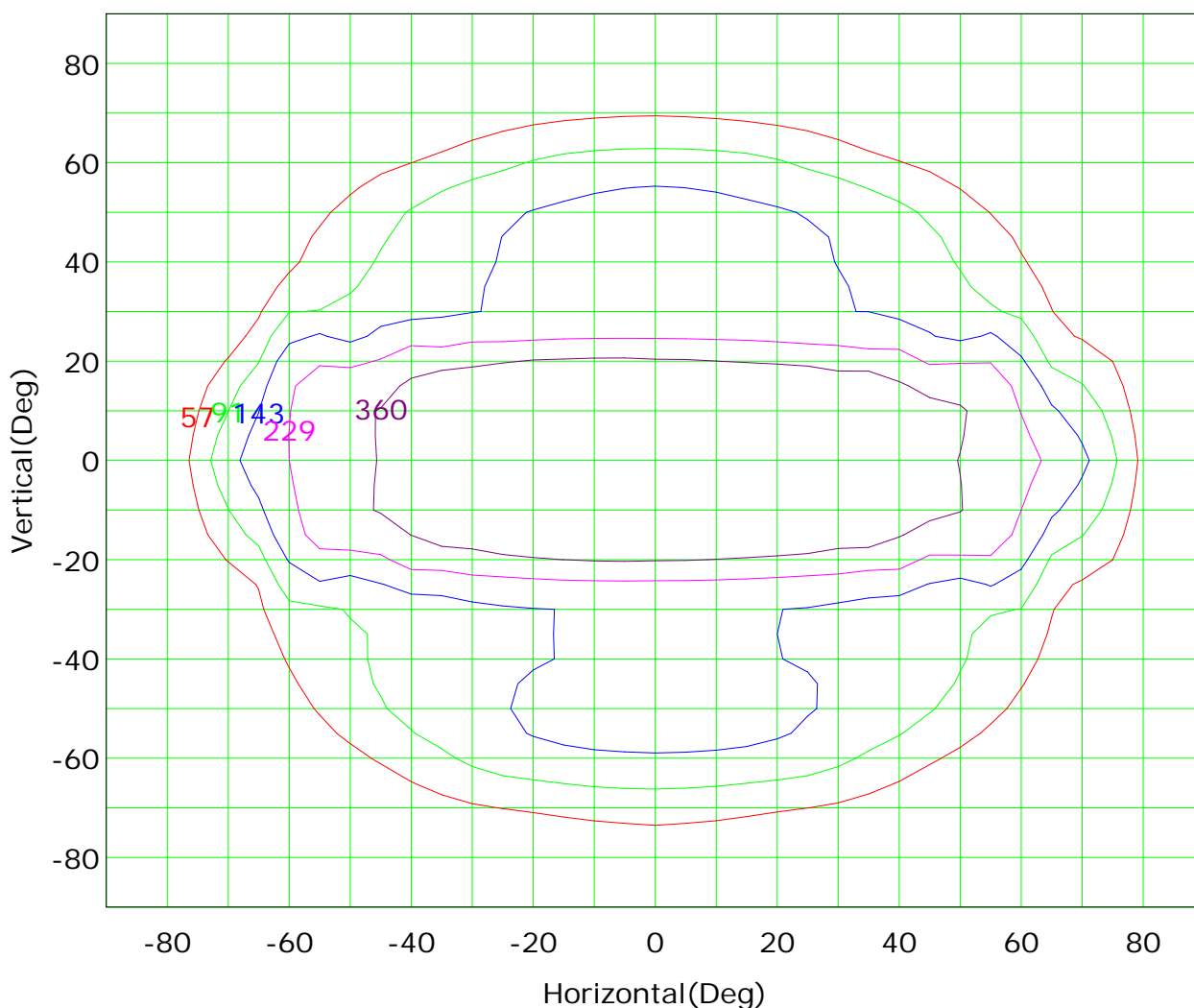
Luminous Intensity Distribution Curve(cd/klm)



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%): 572 cd

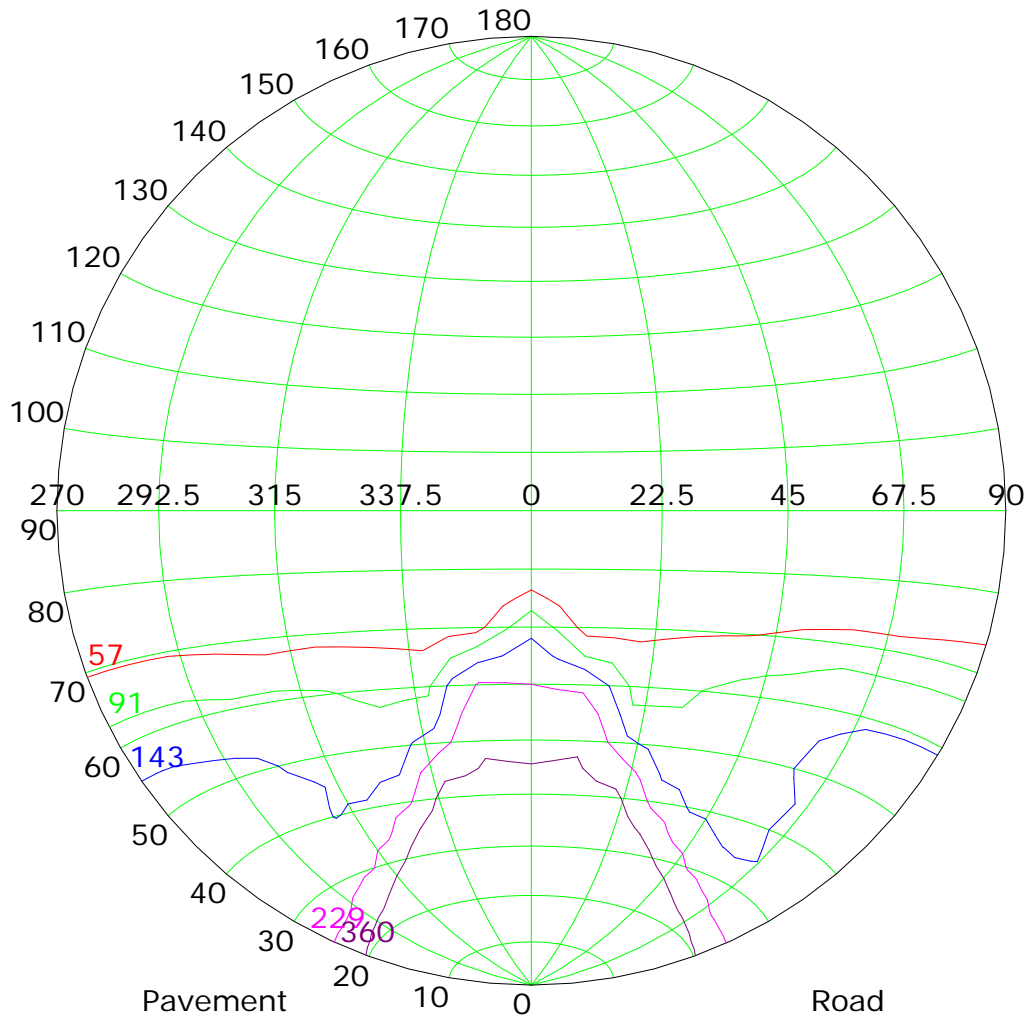
— (10%):	57 cd	— (16%):	91 cd
— (25%):	143 cd	— (40%):	229 cd
— (63%):	360 cd	— (100%):	572 cd

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%): 572 cd

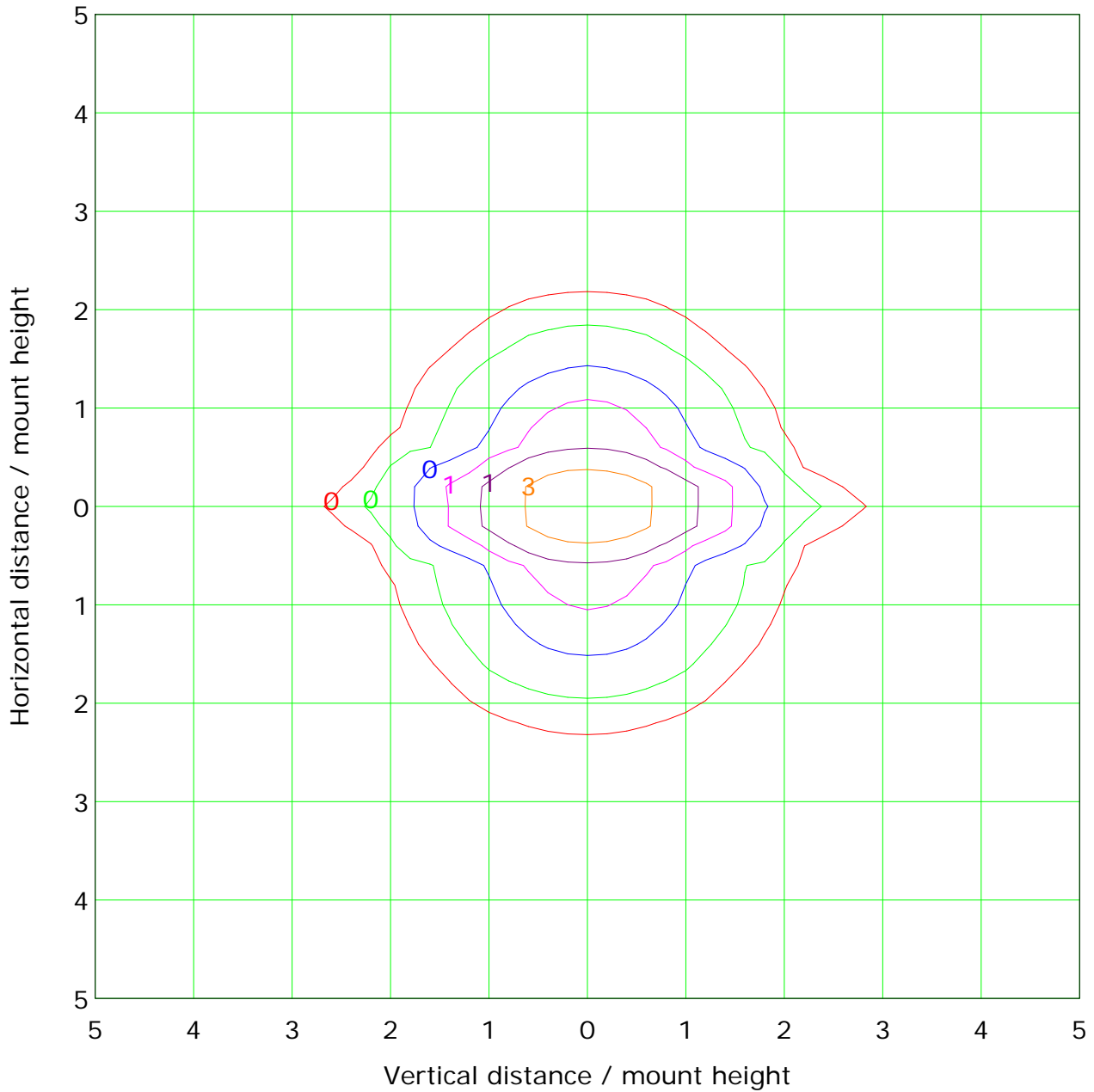
— (10%):	57 cd	— (16%):	91 cd
— (25%):	143 cd	— (40%):	229 cd
— (63%):	360 cd	— (100%):	572 cd

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%): 5.5 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%): 5.5 lx	

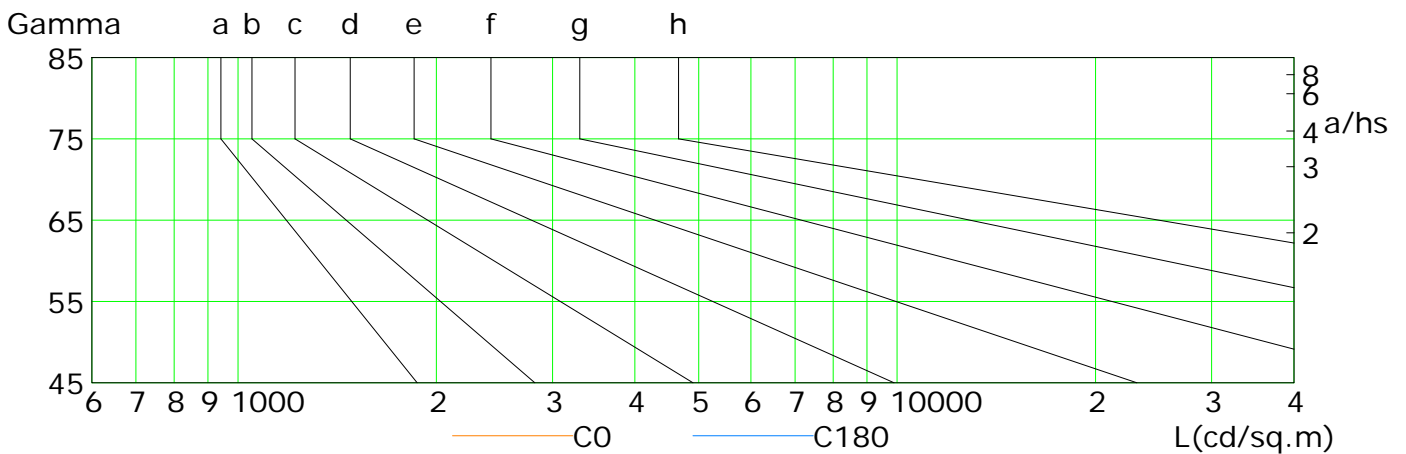
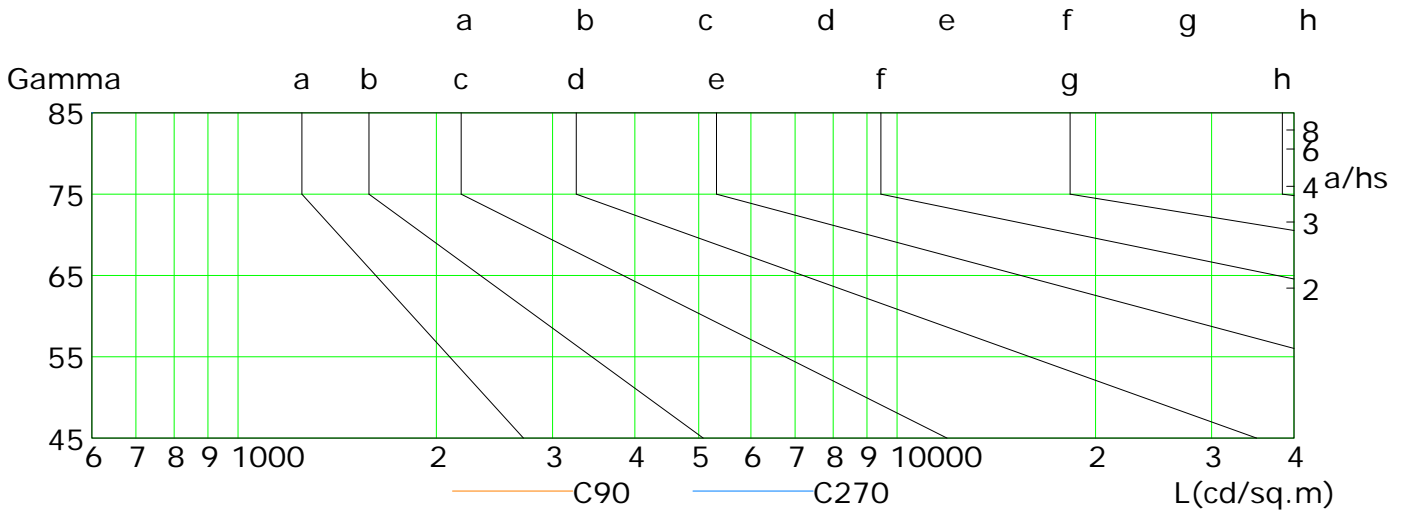
C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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	365	325	280	229	176	122	69	28	5
C90	164	174	174	135	98	70	52	27	1
C180	391	357	313	263	211	156	99	48	12
C270	179	167	144	110	77	55	40	3	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

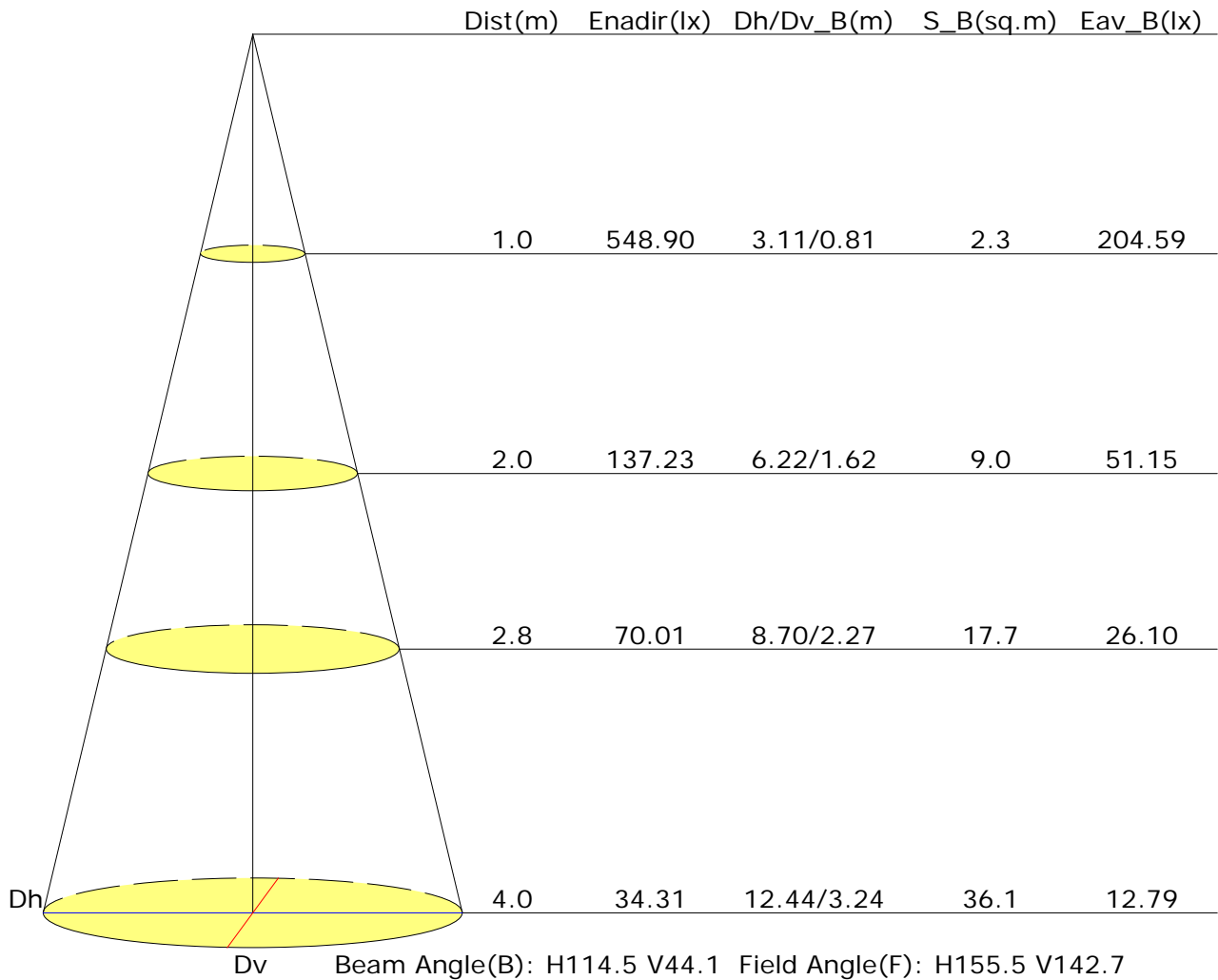
Distance: 7.970 m

Humidity:

Inspector:

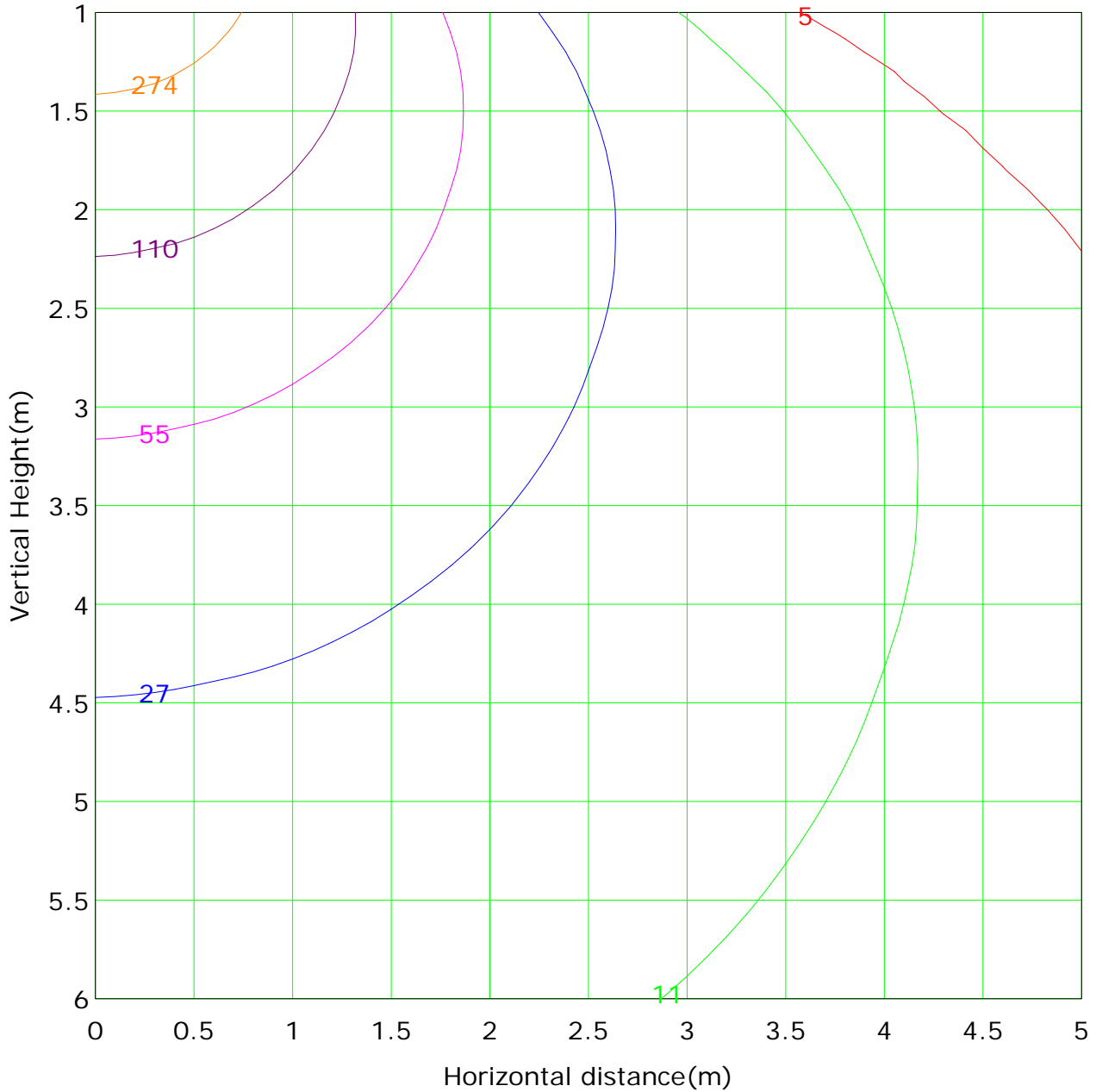


Illuminance at a Distance





Vertical IsoLux Plot



Lowest(m): 1.0m	Highest(m): 6.0m	Max Lux: 548.9 lx
— (1%): 5.5 lx	— (2%): 11.0 lx	
— (5%): 27.4 lx	— (10%): 54.9 lx	
— (20%): 109.8 lx	— (50%): 274.5 lx	
— (100%): 548.9 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:



Report No.:

Test Time: 02/10/2018 12:56

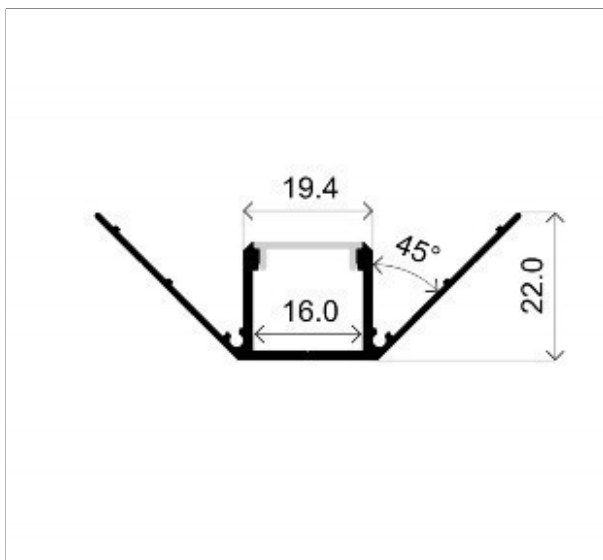
Luminaire Property

Luminaire Manufacturer: Lighting Line
 Luminaire Description: LLP-DW02-03 + 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: 0.586 A Power: 14.07 W
 Power Factor: 1.000

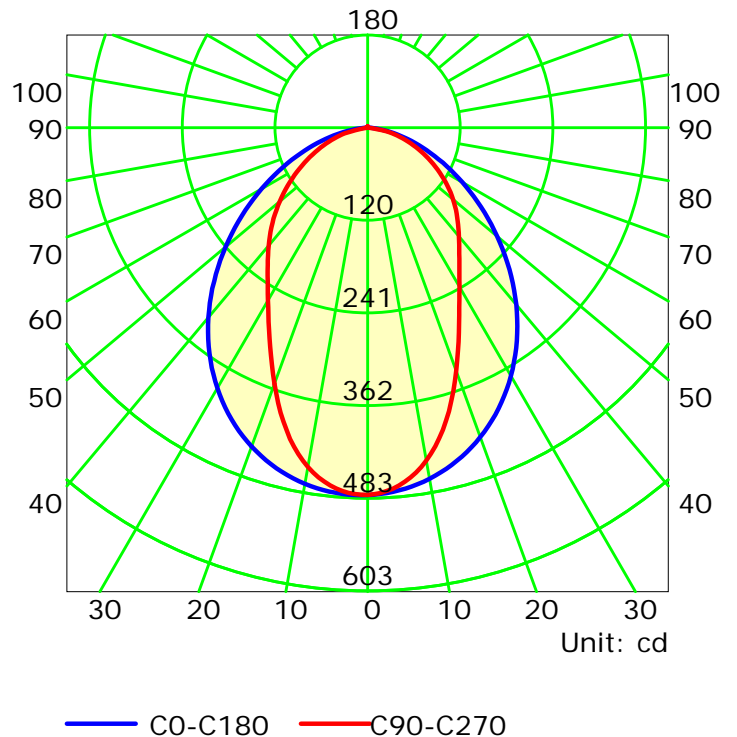
Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 1579.0 lm
Measurement Flux: 913.3 lm	Efficiency: 57.84%
Downward Ratio: 57.68%	Upward Ratio: 0.15%
Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 151.8, 144.5, 145.6, 145.7	
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 97.9, 63.0, 73.1, 73.5	
Luminaire Efficacy Rating (LER): 64.96	Central Intensity: 478.73 cd
Max. Intensity: 479.2 cd	Pos of Max. Intensity: H180 V2
S/MH(C0/C180): 1.19	S/MH(C90/C270): 0.86

Picture Of Luminaire



Luminous Intensity Distribution Curve

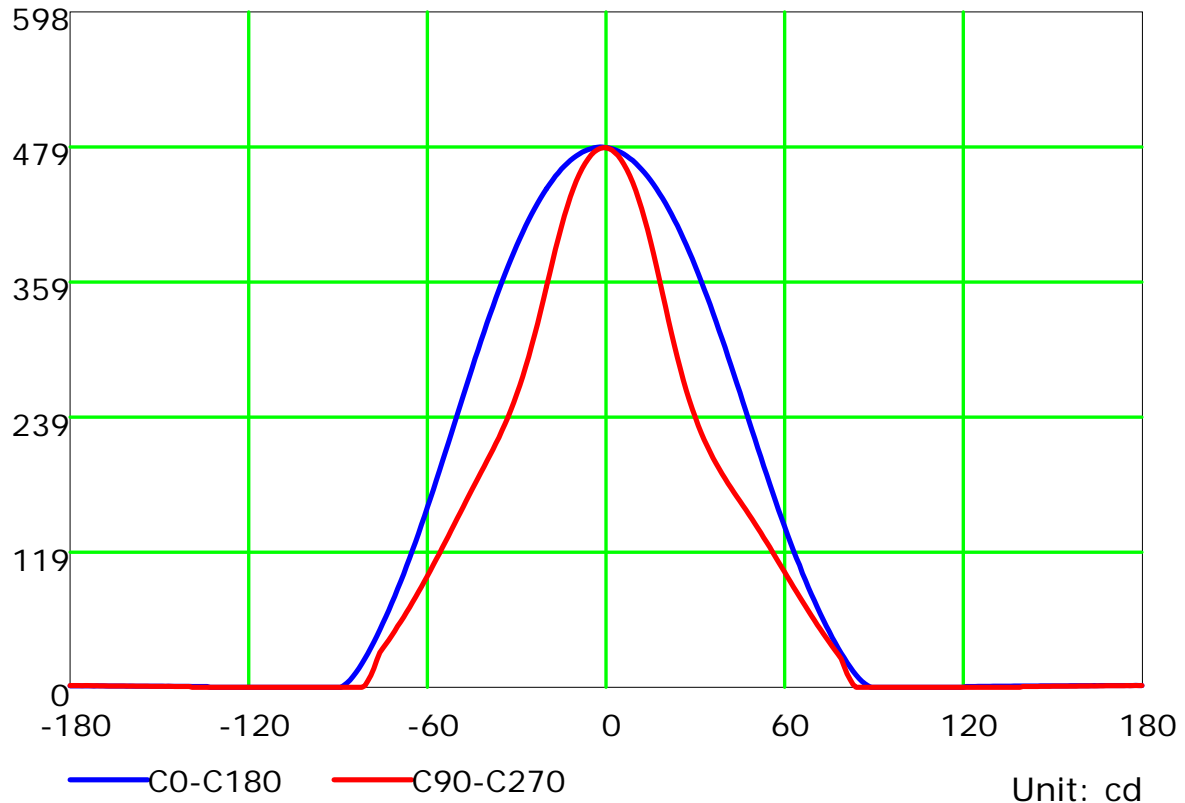
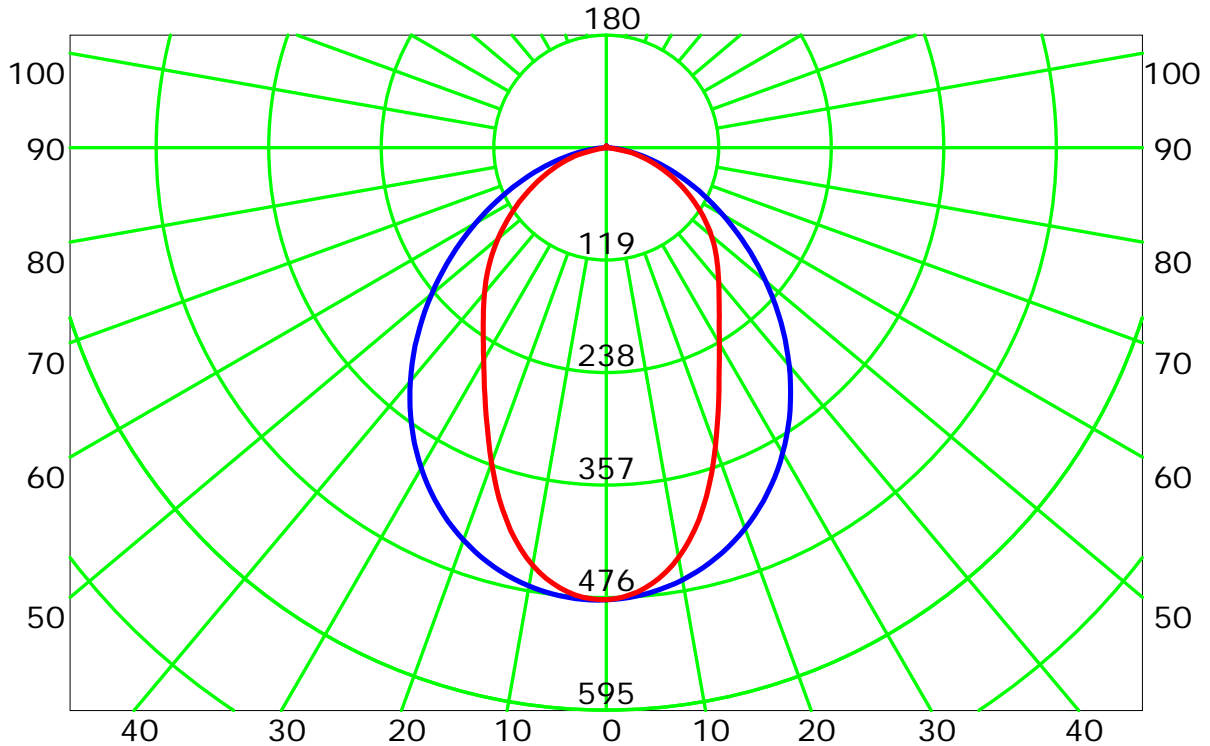


C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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



Luminous Intensity Distribution Curve

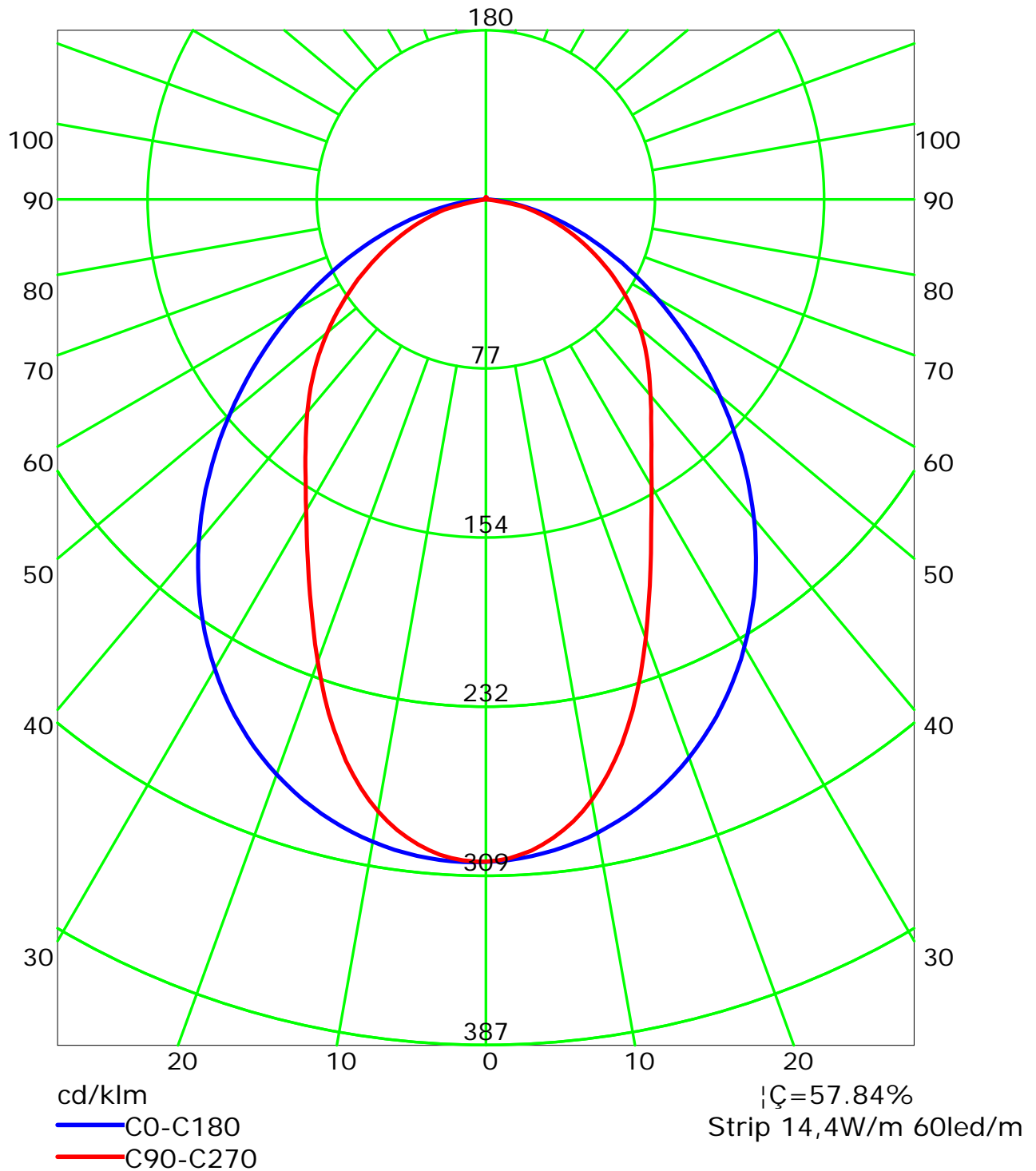


C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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



Luminous Intensity Distribution Curve(cd/klm)

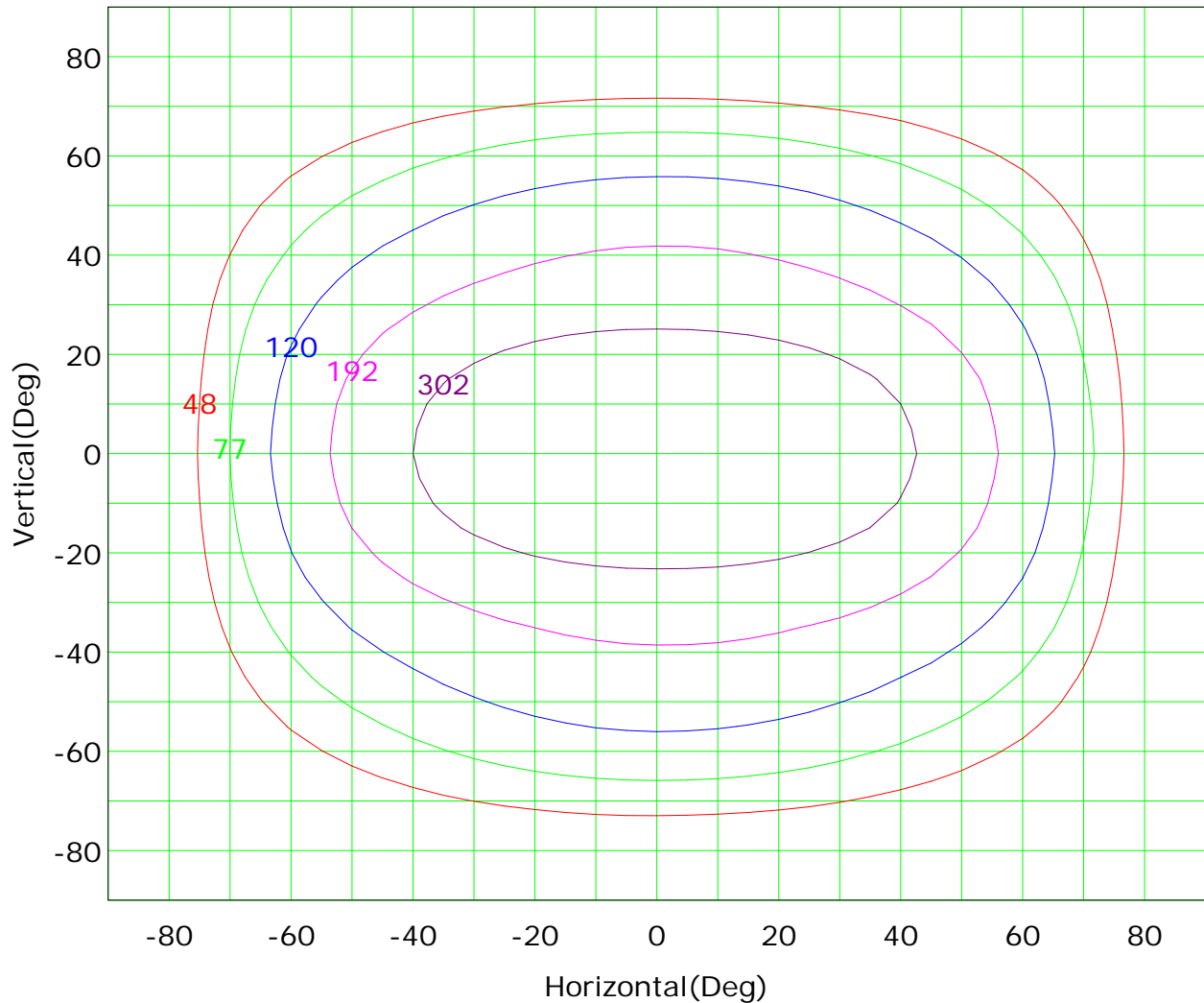


C Plane (°):0.0-360.0: 10.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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



Isocandela (rectangle)



Imax (100%): 479 cd

— (10%):	48 cd	— (16%):	77 cd
— (25%):	120 cd	— (40%):	192 cd
— (63%):	302 cd	— (100%):	479 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

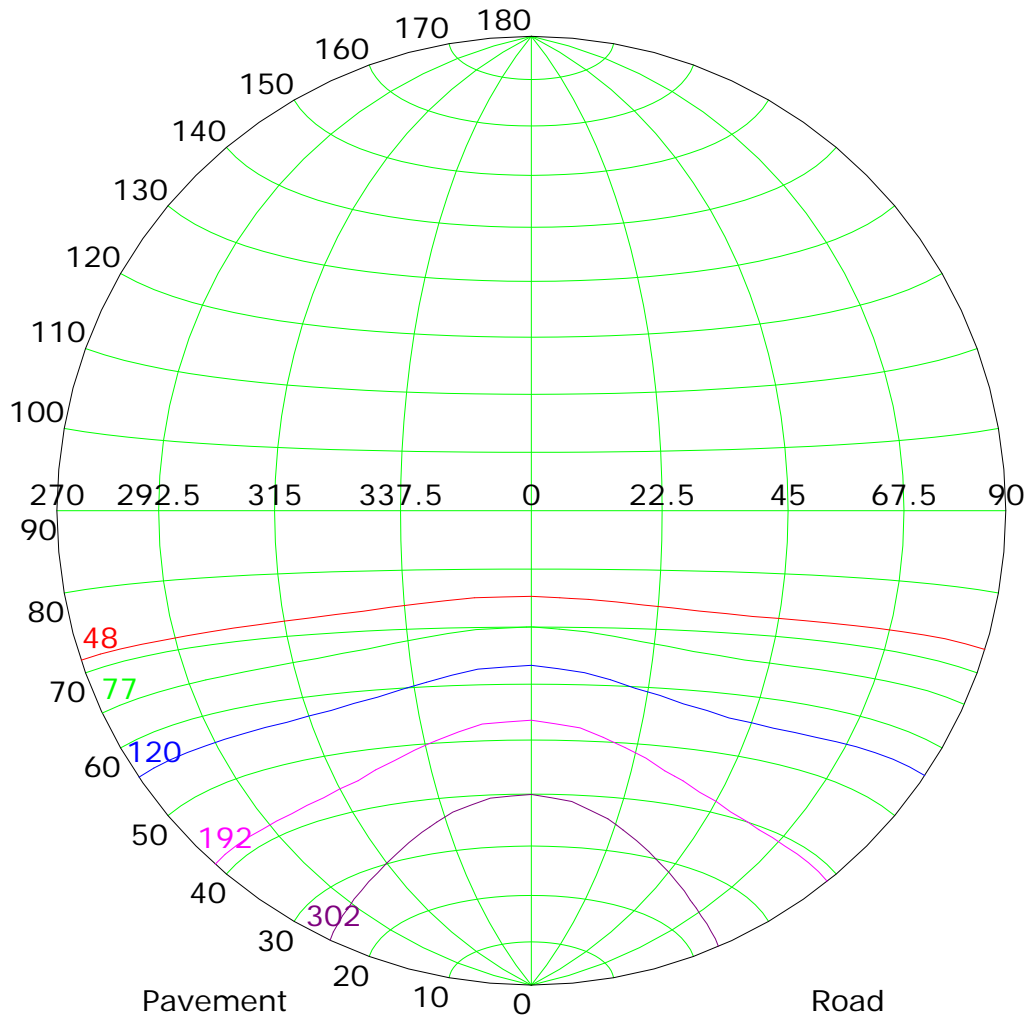
Distance: 7.970 m

Humidity:

Inspector:



Isocandela (sphere)



Imax (100%): 479 cd

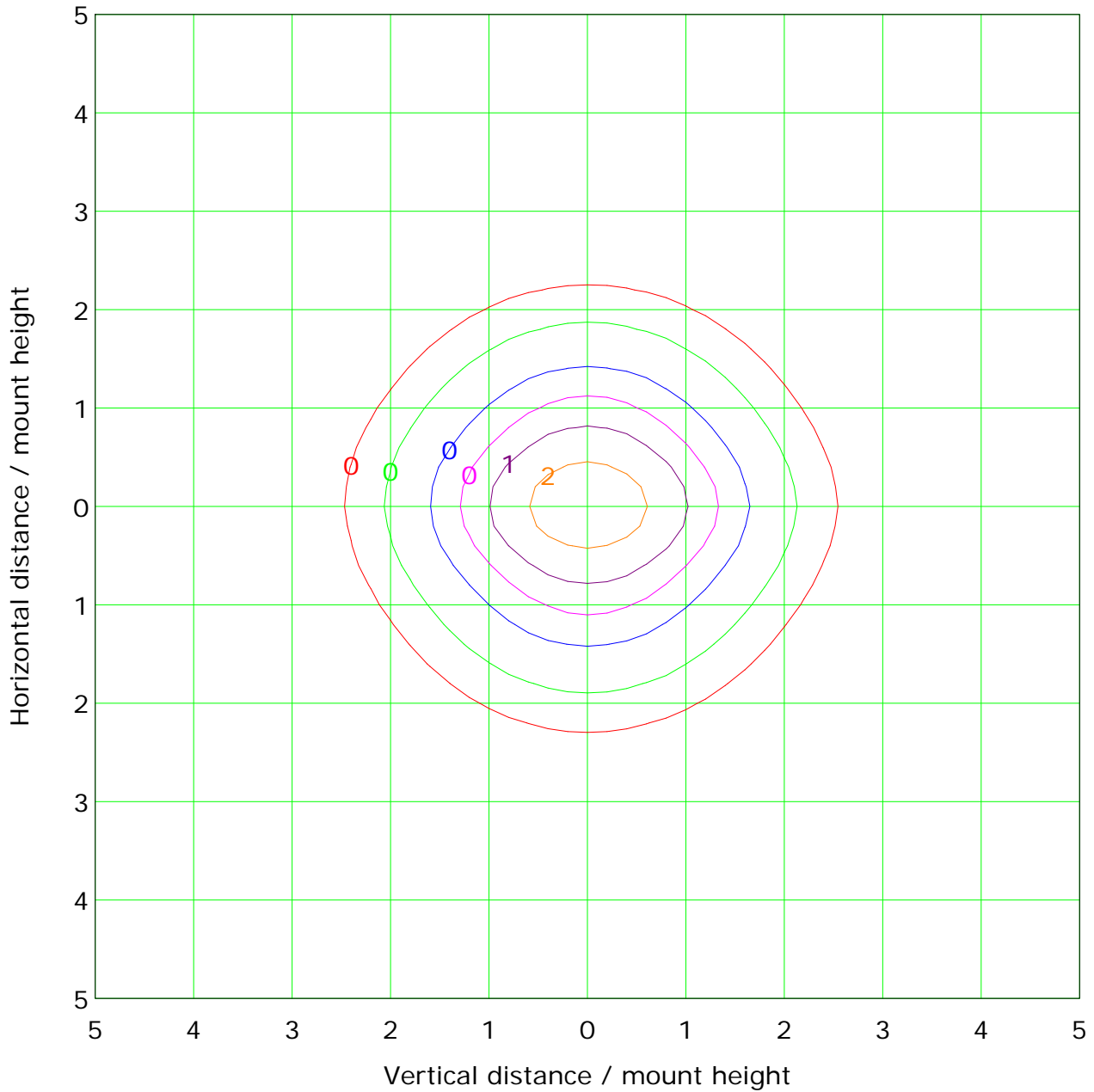
— (10%):	48 cd	— (16%):	77 cd
— (25%):	120 cd	— (40%):	192 cd
— (63%):	302 cd	— (100%):	479 cd

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%): 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		

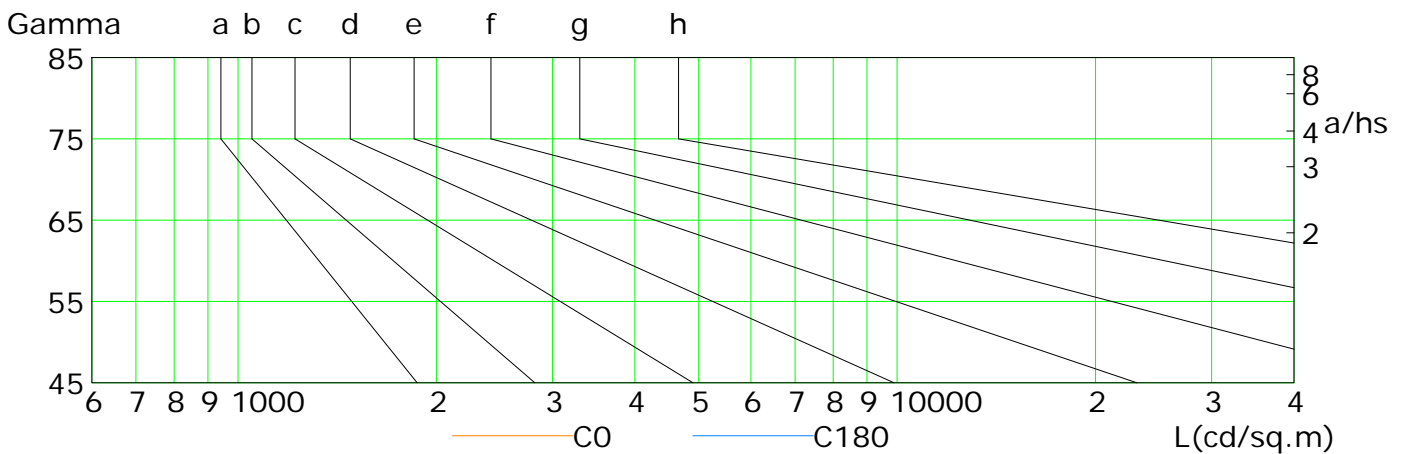
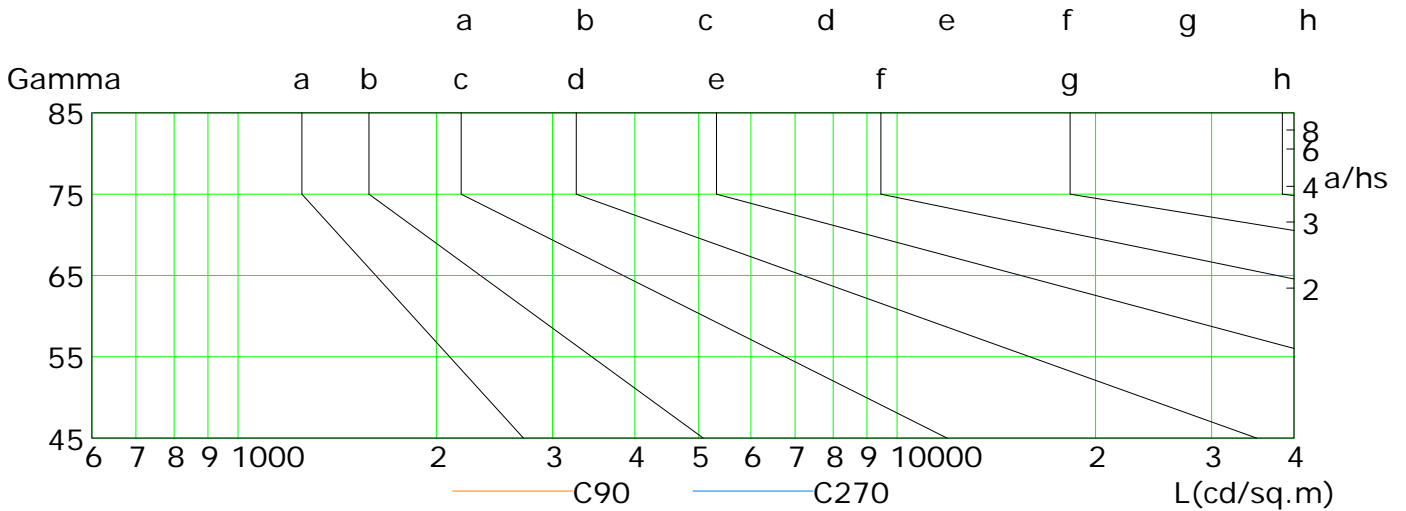
C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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	261	220	180	143	109	77	49	26	8
C90	165	145	124	102	80	60	40	19	0
C180	283	242	200	160	122	87	57	30	10
C270	175	150	124	99	75	54	35	6	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

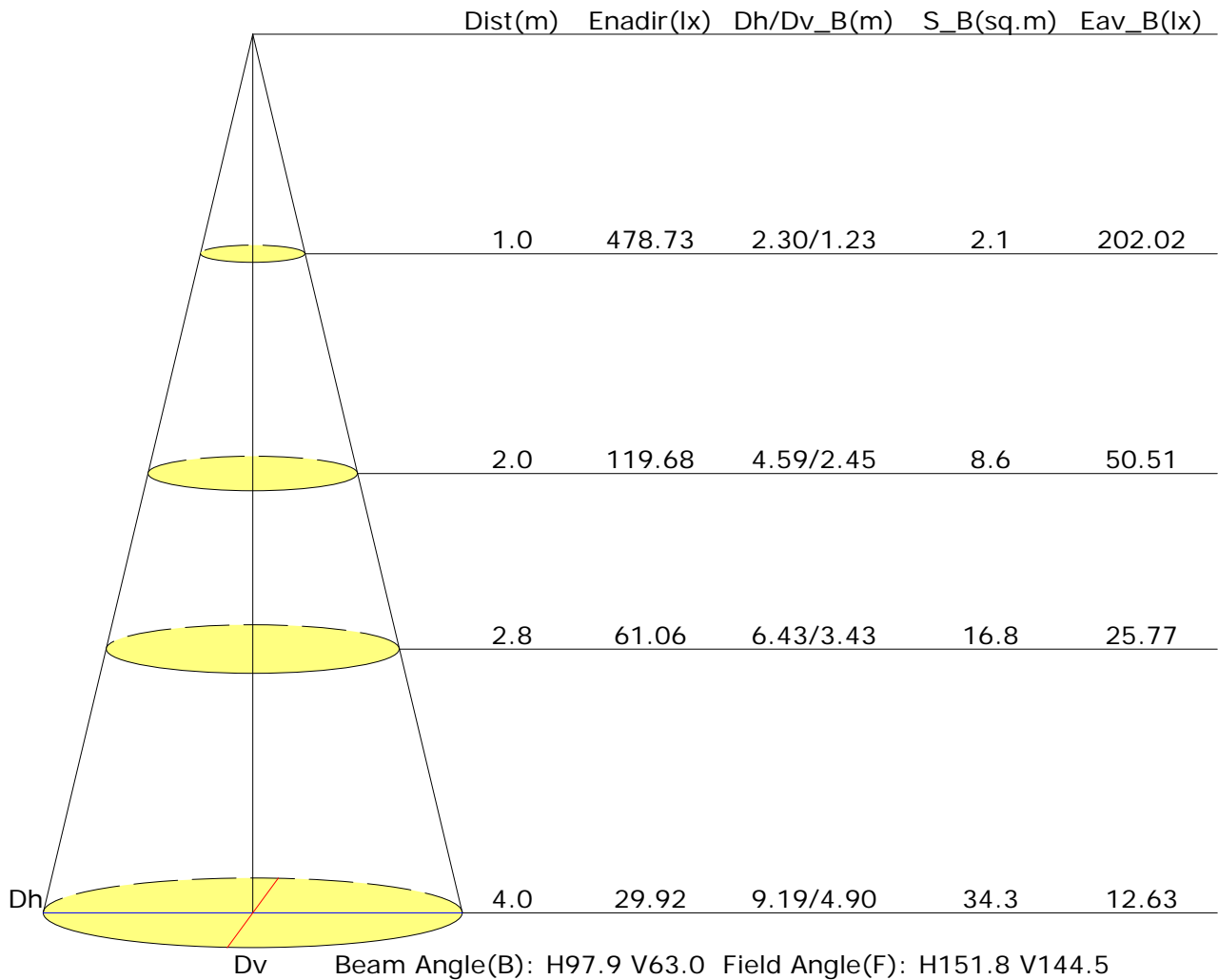
Distance: 7.970 m

Humidity:

Inspector:

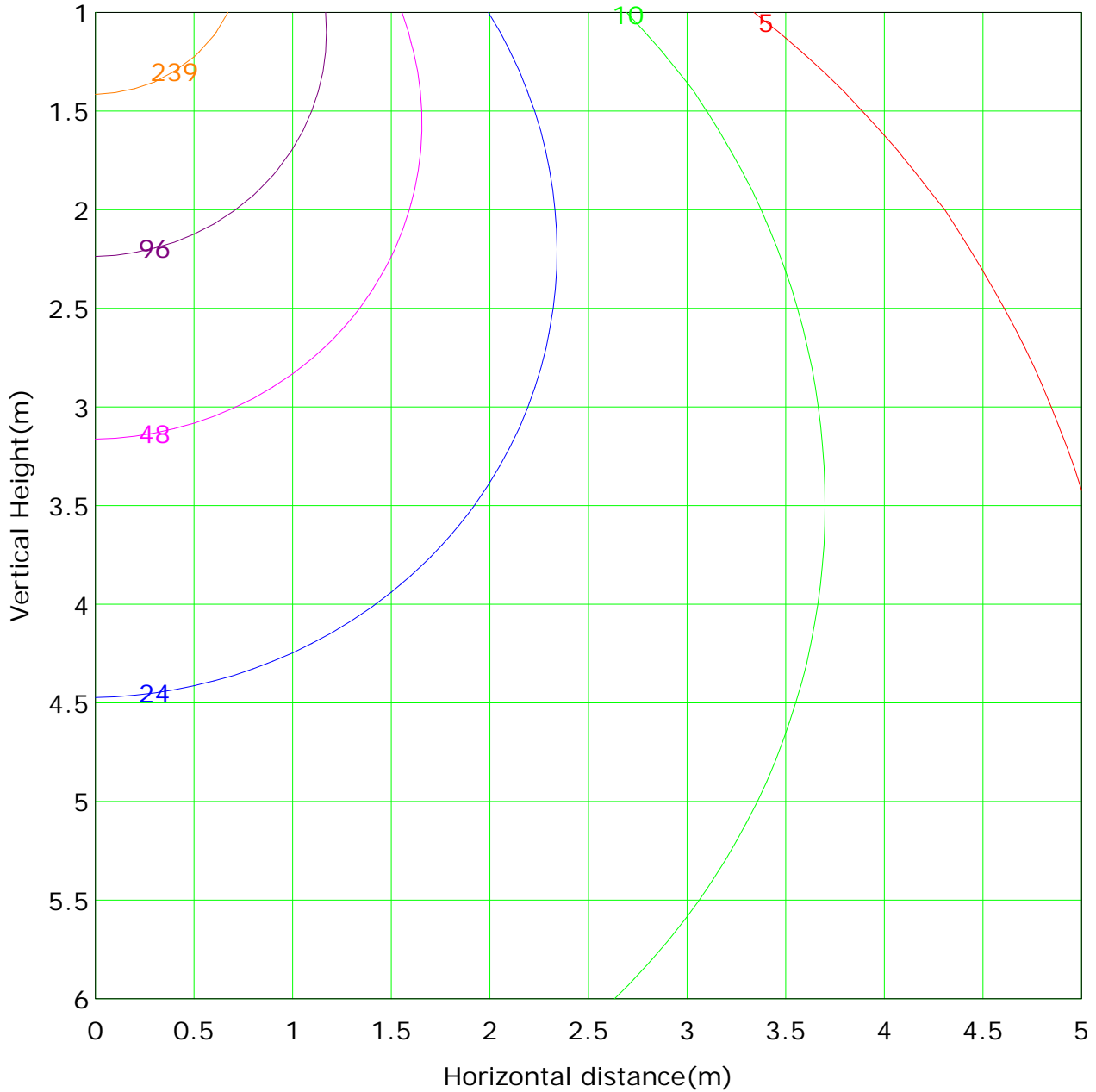


Illuminance at a Distance





Vertical IsoLux Plot



Lowest(m): 1.0m	Highest(m): 6.0m	Max Lux: 478.7 lx
— (1%): 4.8 lx	— (2%): 9.6 lx	
— (5%): 23.9 lx	— (10%): 47.9 lx	
— (20%): 95.7 lx	— (50%): 239.4 lx	
— (100%): 478.7 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: 02/10/2018 10:08

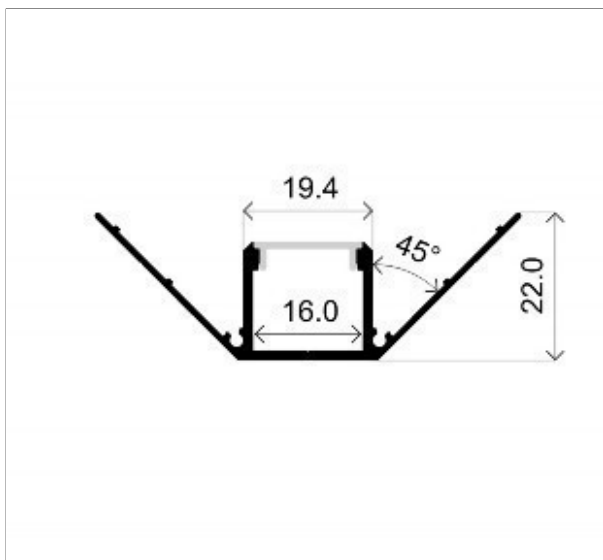
Luminaire Property

Luminaire Manufacturer: Lighting Line
 Luminaire Description: LLP-DW02-03 + 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: 14.07 W
 Power Factor: 1.000

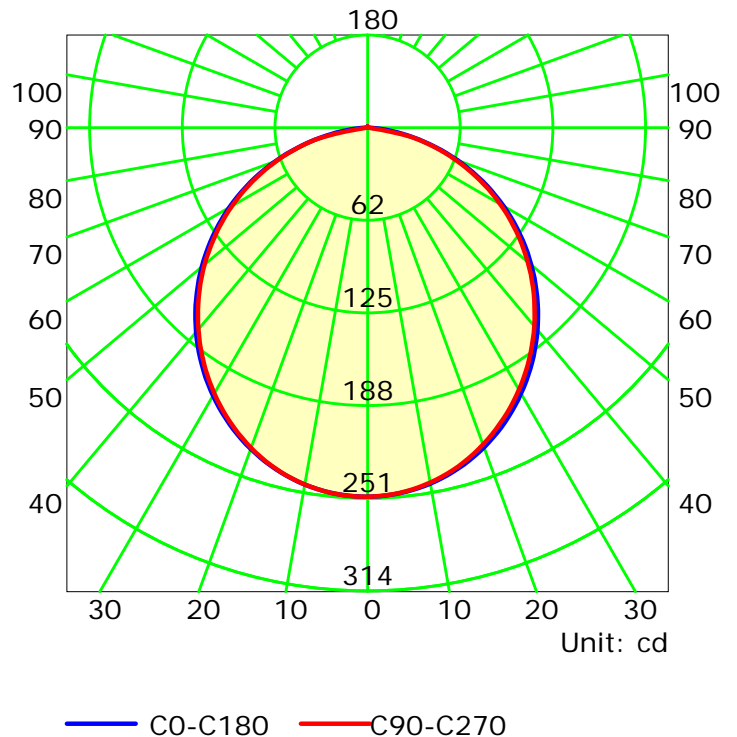
Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 1579.0 lm
Measurement Flux: 692.9 lm	Efficiency: 43.88%
Downward Ratio: 43.74%	Upward Ratio: 0.14%
Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 159.7, 157.6, 159.6, 159.6	
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 111.0, 109.6, 110.4, 110.5	
Luminaire Efficacy Rating (LER): 49.30	Central Intensity: 250.71 cd
Max. Intensity: 250.78 cd	Pos of Max. Intensity: H220 V1
S/MH(C0/C180): 1.24	S/MH(C90/C270): 1.23

Picture Of Luminaire



Luminous Intensity Distribution Curve

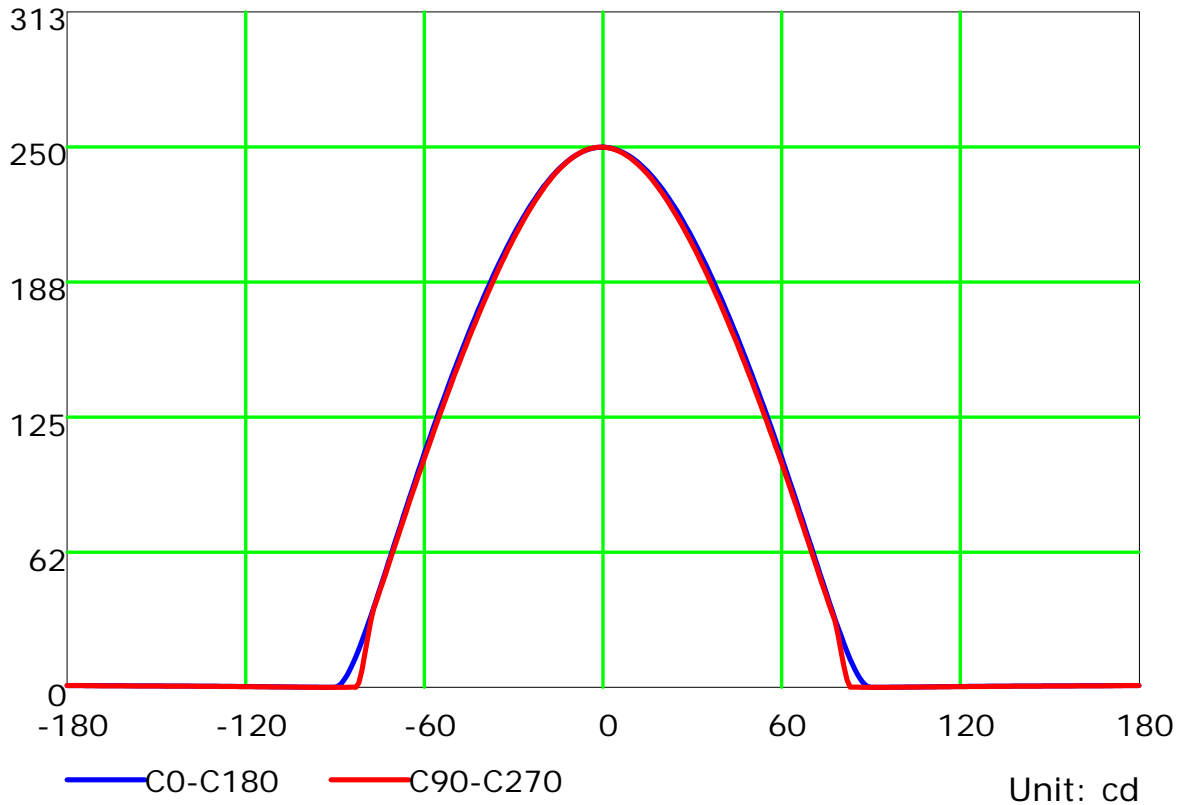
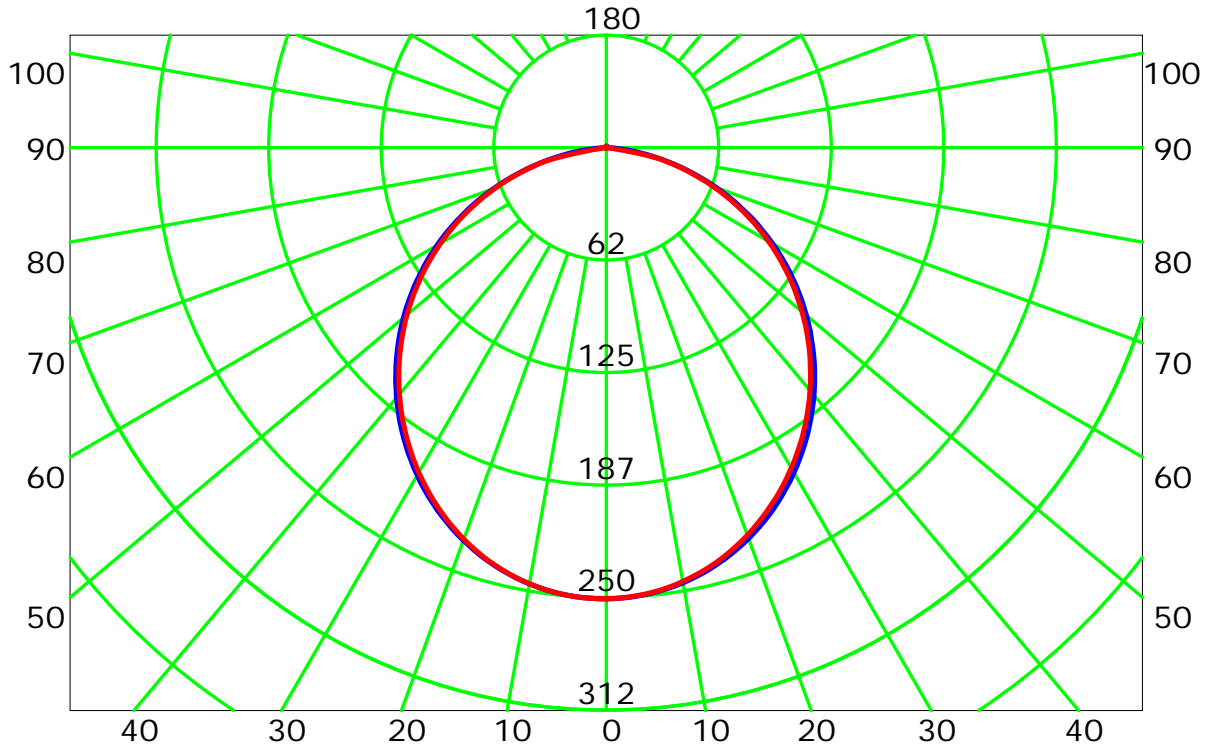


C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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



Luminous Intensity Distribution Curve

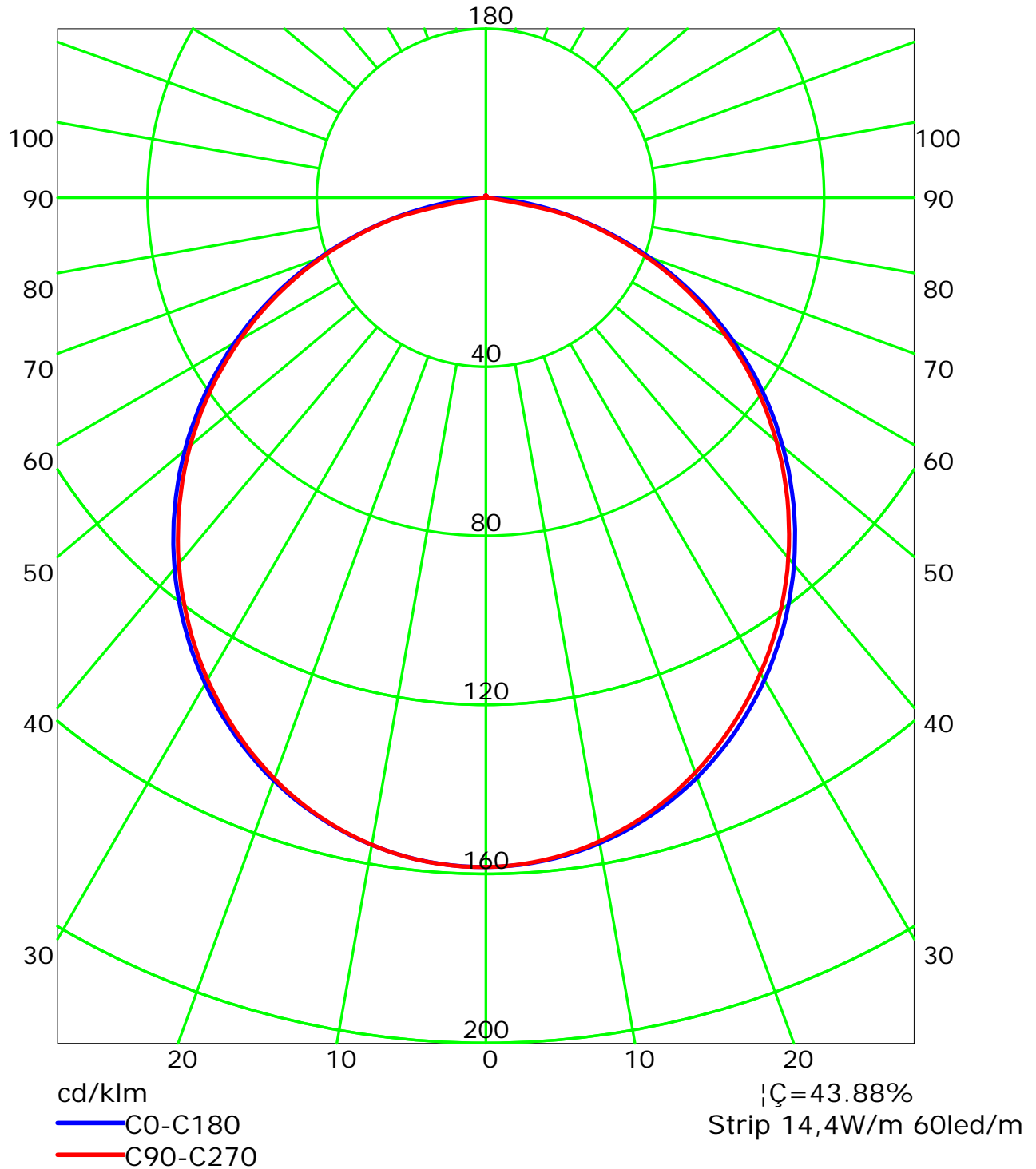


C Plane (°):0.0-360.0: 10.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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



Luminous Intensity Distribution Curve(cd/klm)

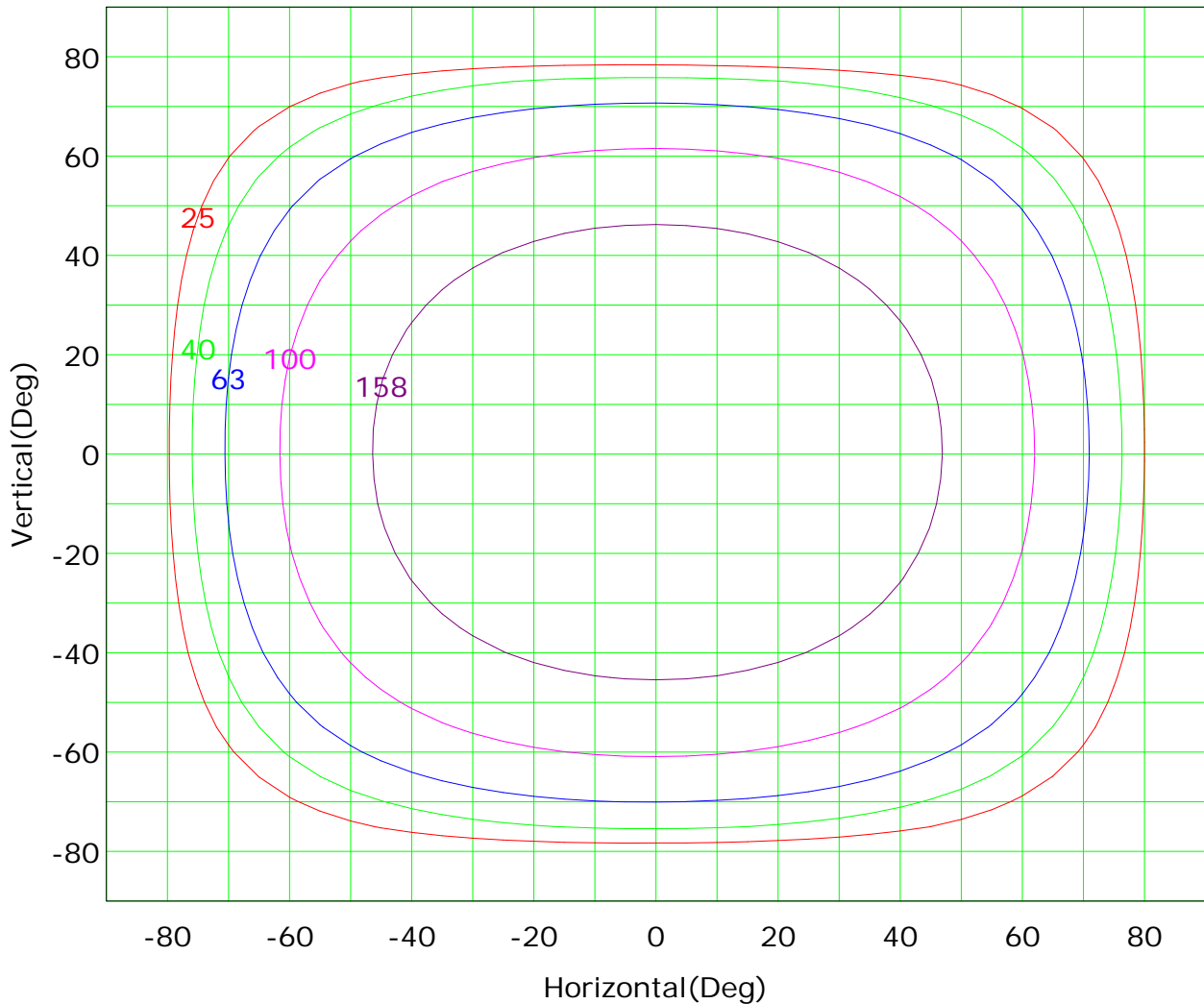


C Plane (°):0.0-360.0: 10.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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



Isocandela (rectangle)



Imax (100%): 251 cd

— (10%):	25 cd	— (16%):	40 cd
— (25%):	63 cd	— (40%):	100 cd
— (63%):	158 cd	— (100%):	251 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

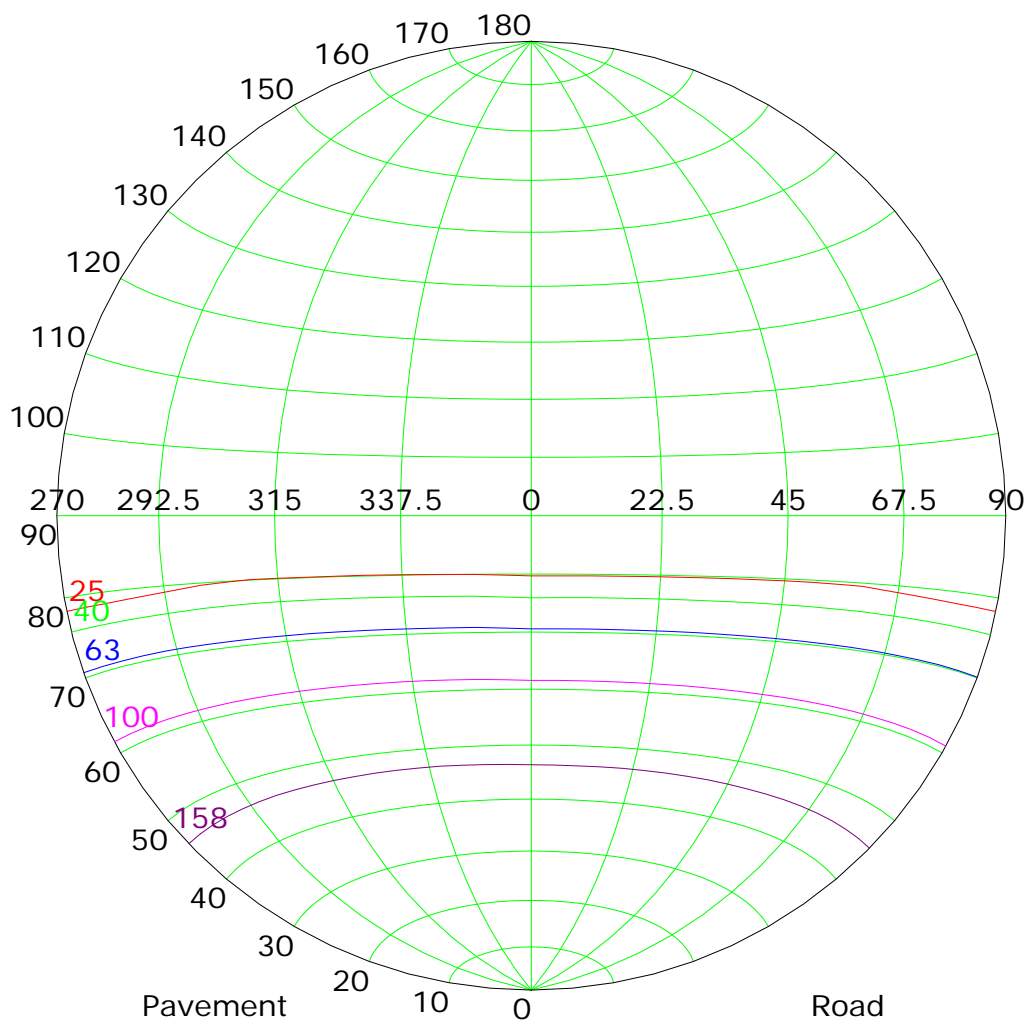
Distance: 7.970 m

Humidity:

Inspector:



Isocandela (sphere)



Imax (100%): 251 cd

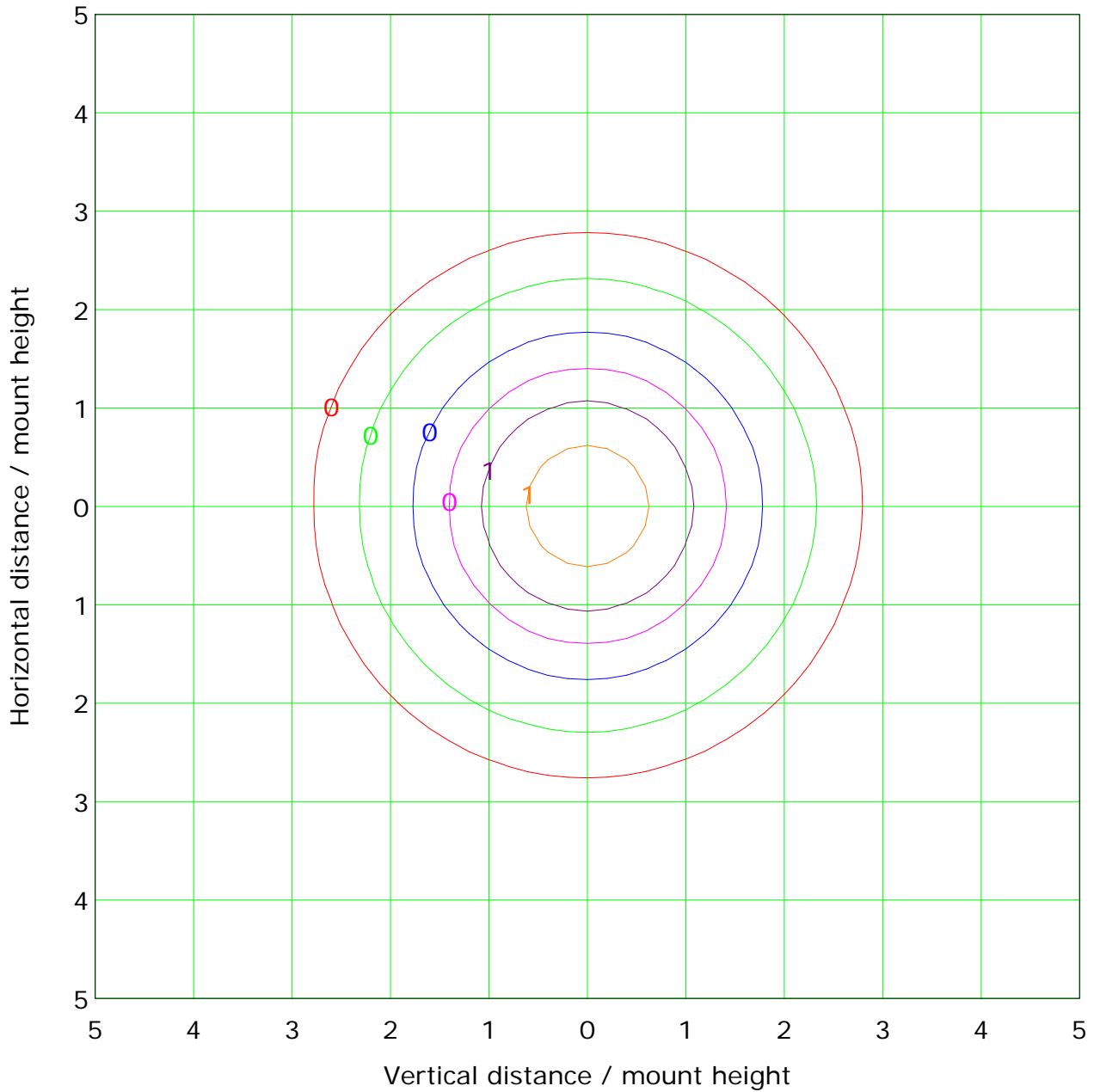
— (10%):	25 cd	— (16%):	40 cd
— (25%):	63 cd	— (40%):	100 cd
— (63%):	158 cd	— (100%):	251 cd

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		

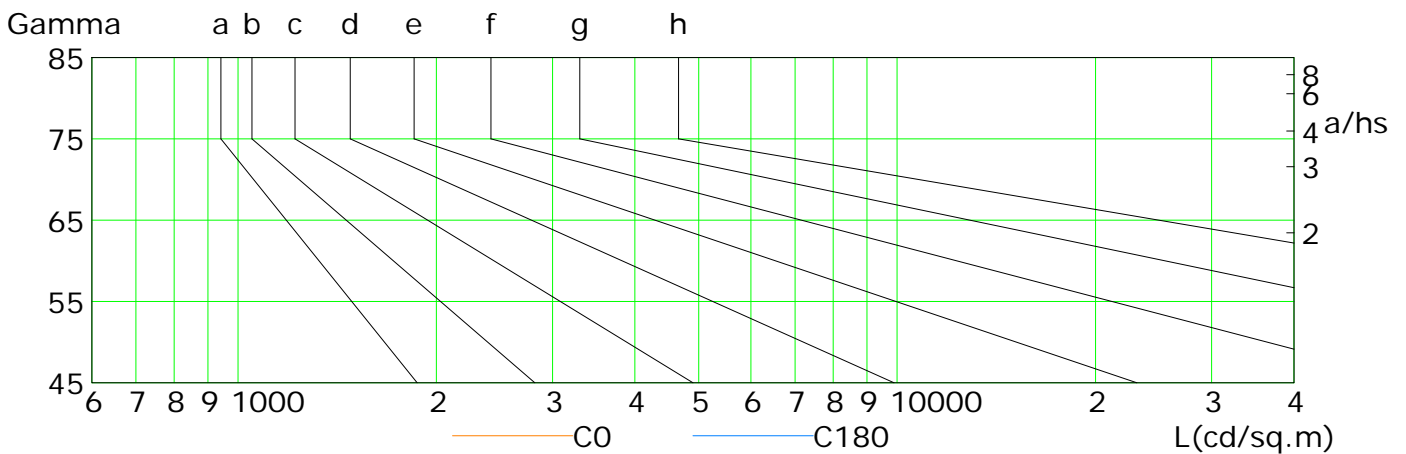
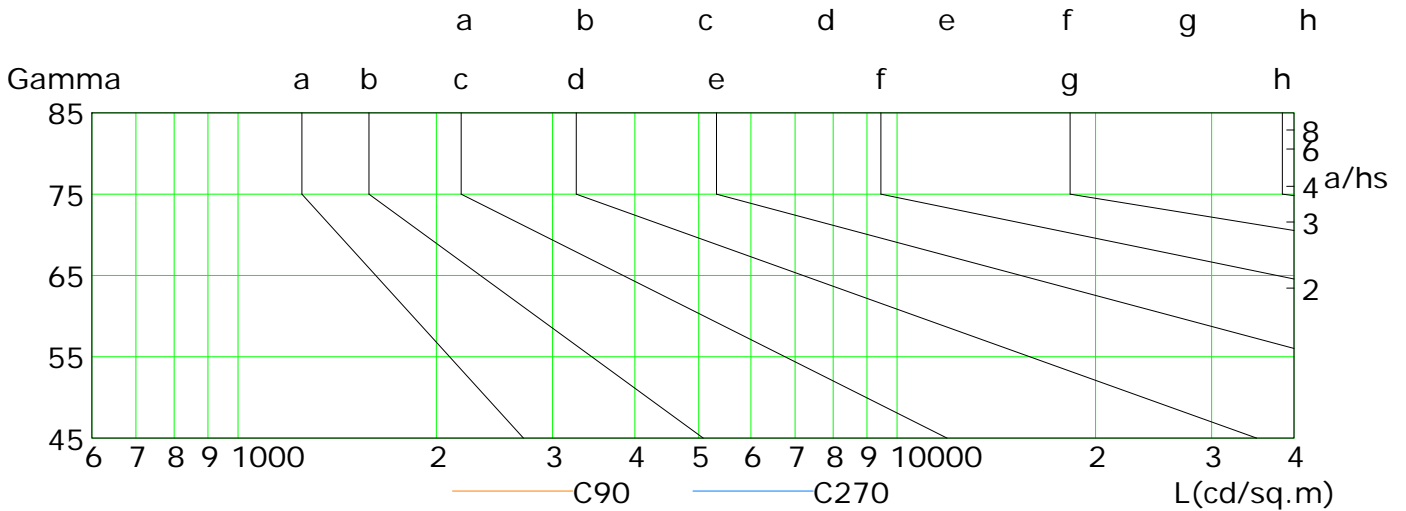
C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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	163	145	126	107	86	65	44	24	7
C90	160	142	123	104	84	63	42	16	0
C180	165	147	128	109	88	67	46	25	8
C270	162	145	126	106	86	65	45	15	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

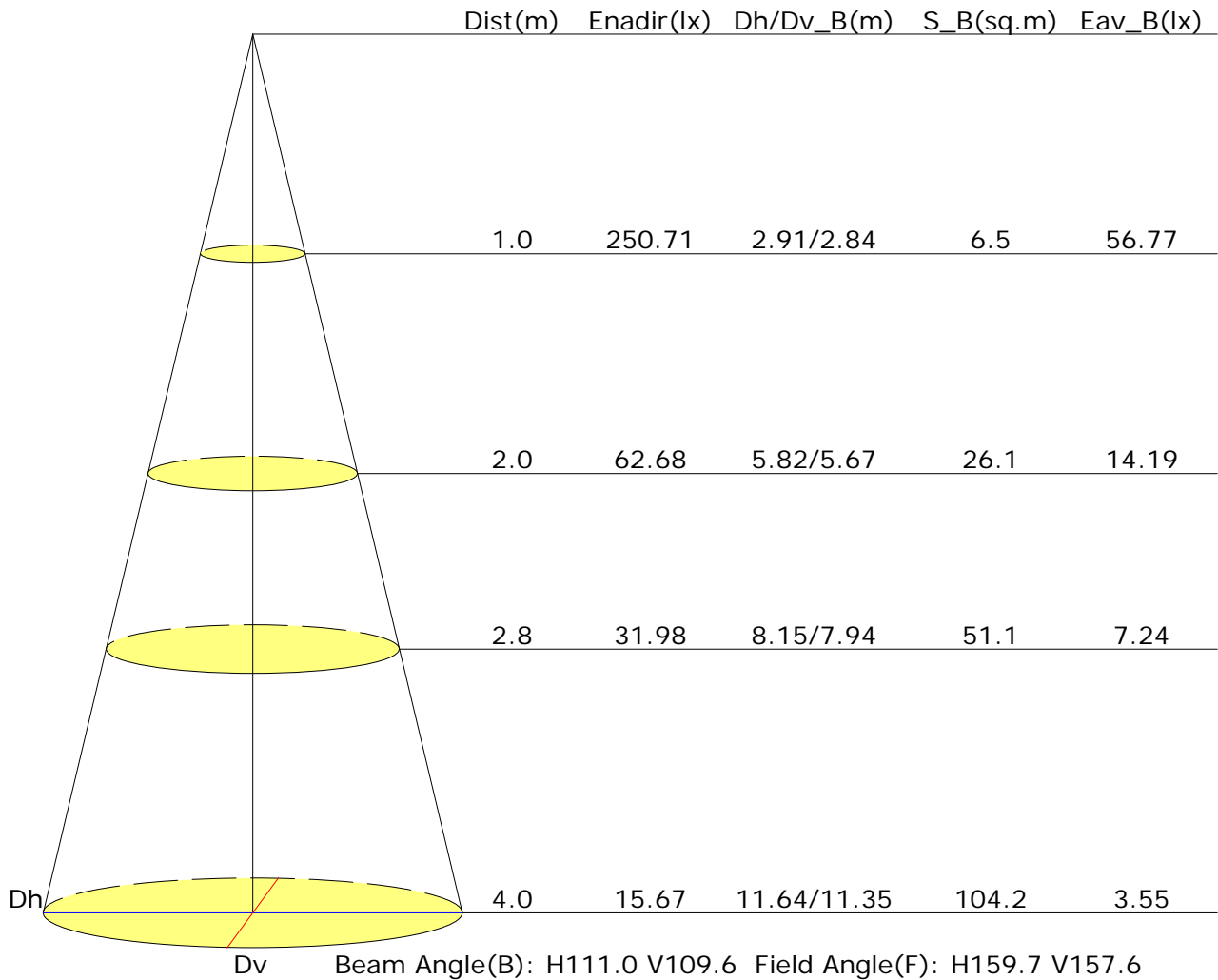
Distance: 7.970 m

Humidity:

Inspector:

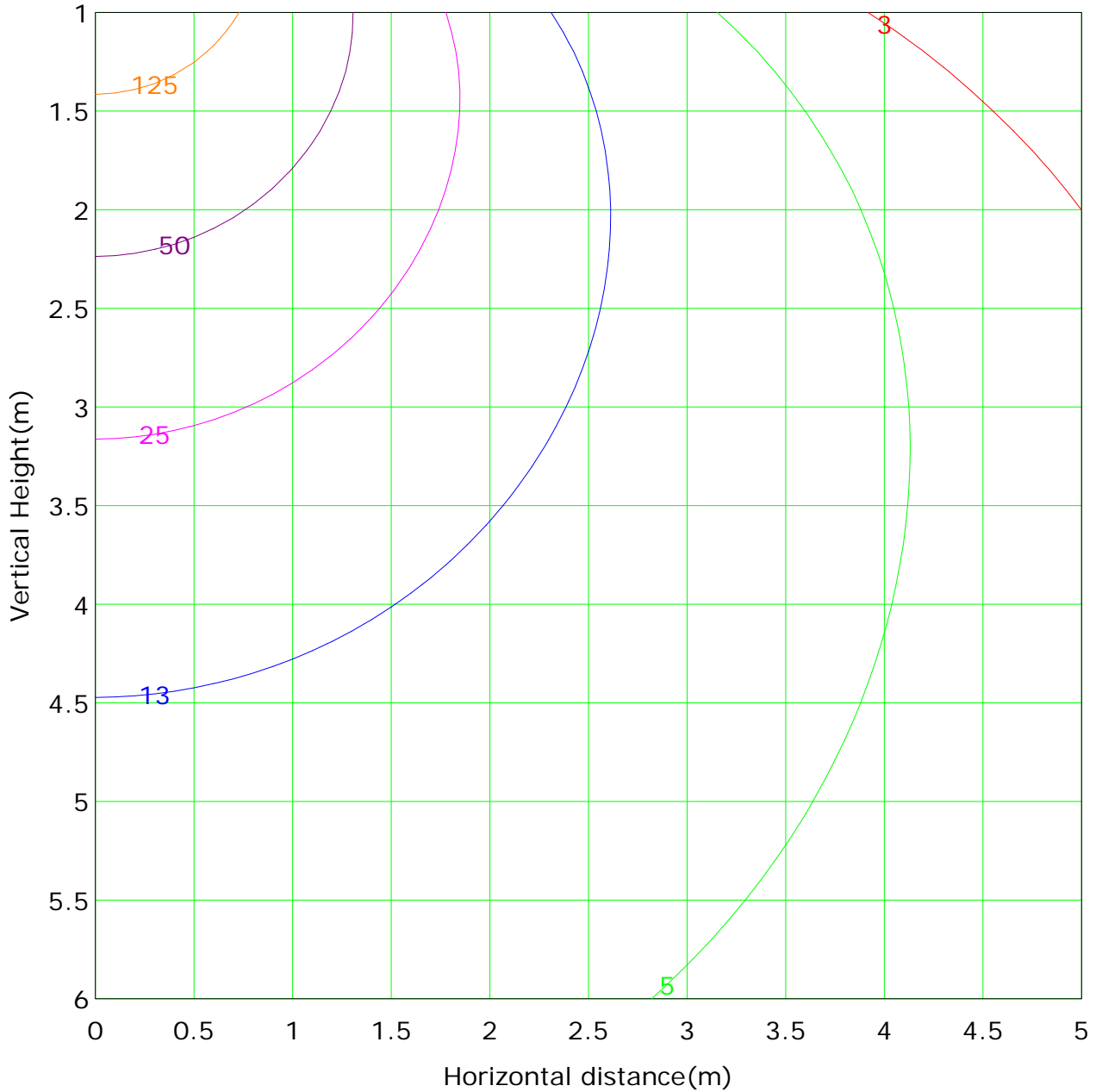


Illuminance at a Distance





Vertical IsoLux Plot



Lowest(m): 1.0m	Highest(m): 6.0m	Max Lux: 250.7 lx
— (1%): 2.5 lx	— (2%): 5.0 lx	— (10%): 25.1 lx
— (5%): 12.5 lx	— (20%): 50.1 lx	— (50%): 125.4 lx
— (100%): 250.7 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: 02/10/2018 11:21

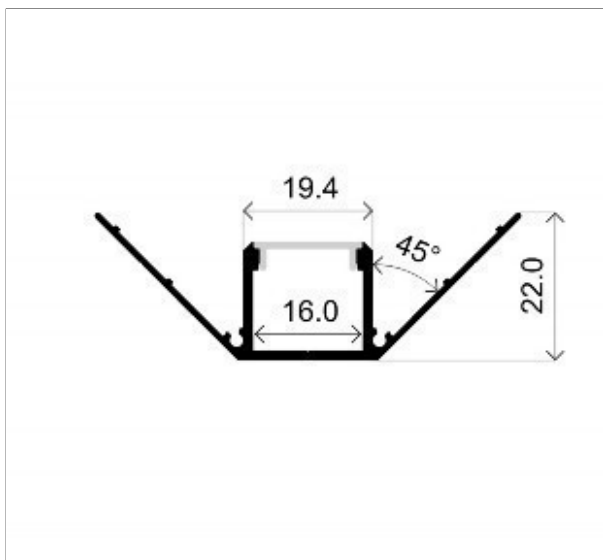
Luminaire Property

Luminaire Manufacturer: Lighting Line
 Luminaire Description: LLP-DW02-03 + 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: 0.586 A Power: 14.07 W
 Power Factor: 1.000

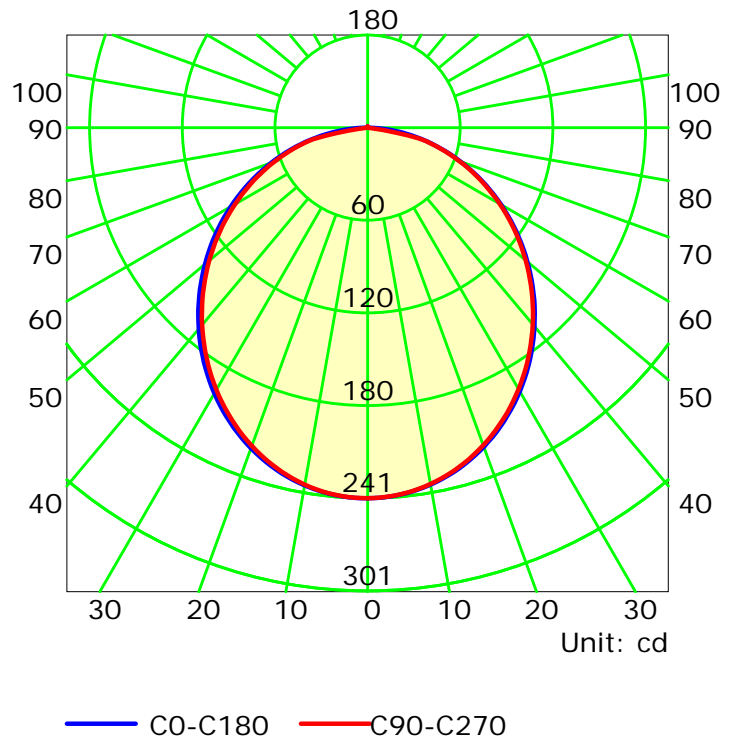
Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 1579.0 lm
Measurement Flux: 665 lm	Efficiency: 42.11%
Downward Ratio: 41.98%	Upward Ratio: 0.14%
Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 163.5, 158.9, 162.5, 162.7	
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 109.4, 108.0, 108.7, 108.8	
Luminaire Efficacy Rating (LER): 47.31	Central Intensity: 241.15 cd
Max. Intensity: 241.15 cd	Pos of Max. Intensity: H0 V0
S/MH(C0/C180): 1.23	S/MH(C90/C270): 1.22

Picture Of Luminaire



Luminous Intensity Distribution Curve

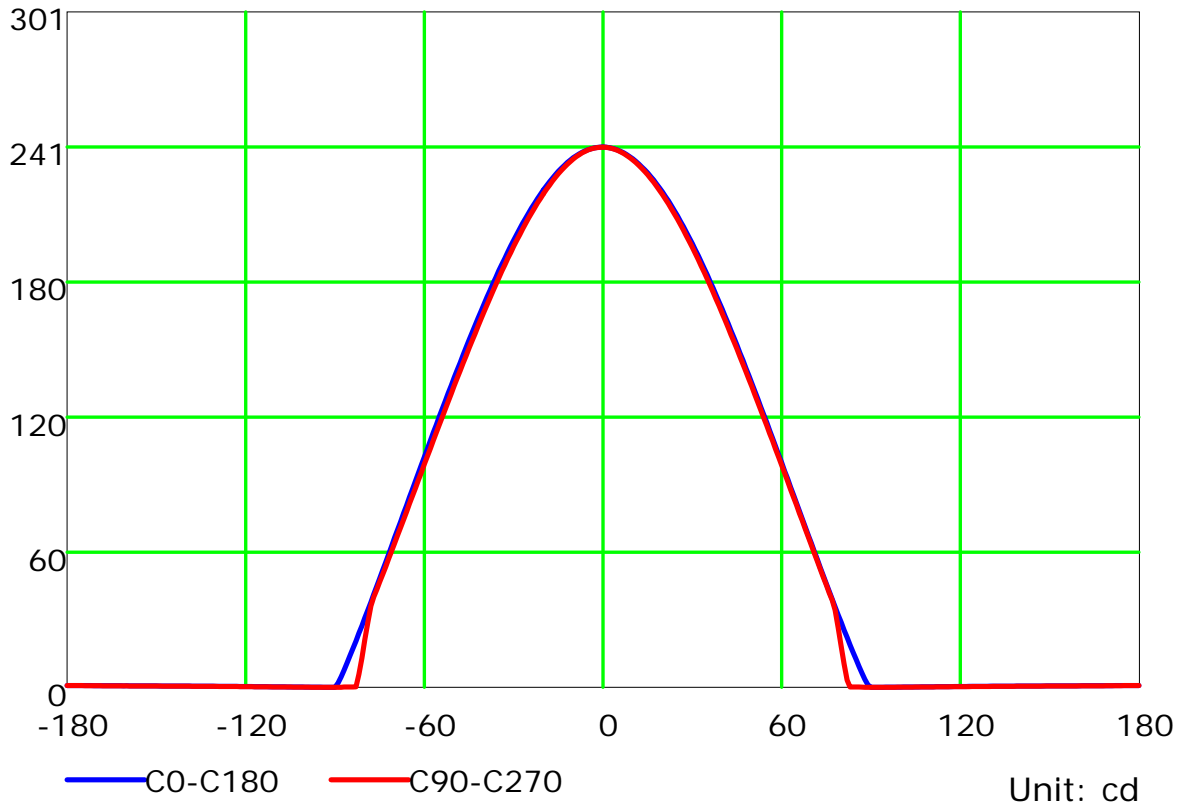
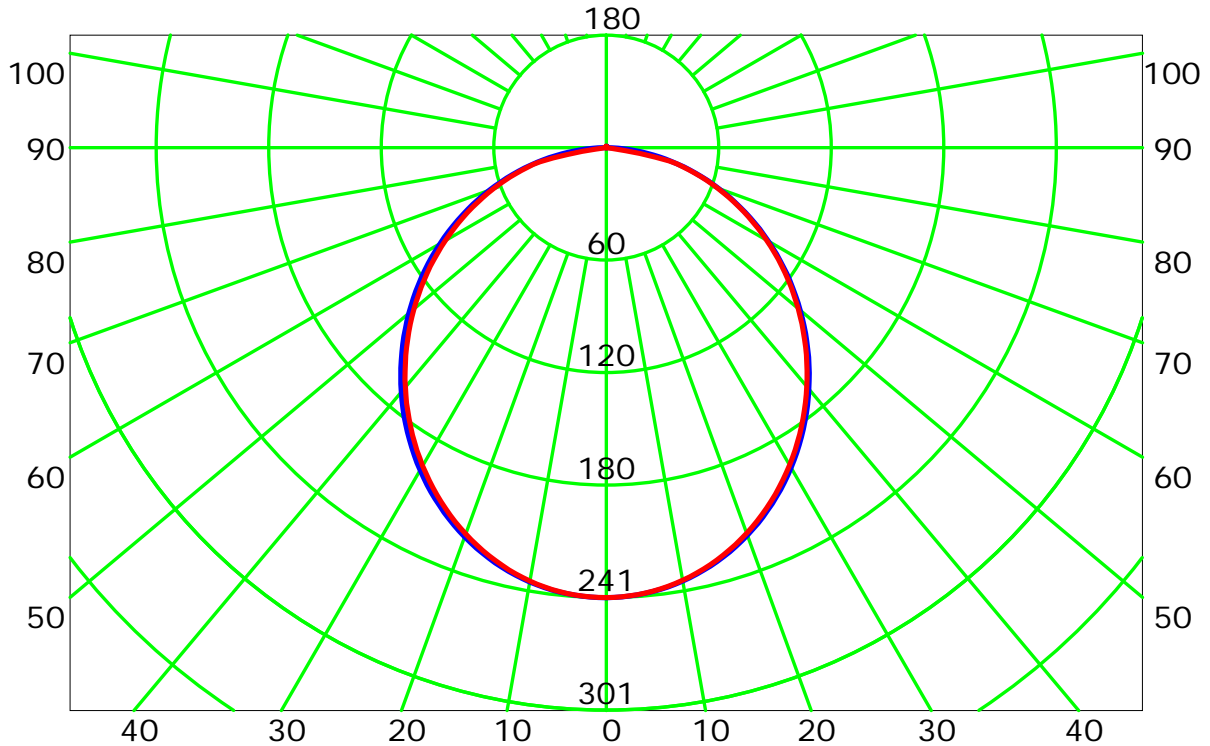


C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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



Luminous Intensity Distribution Curve

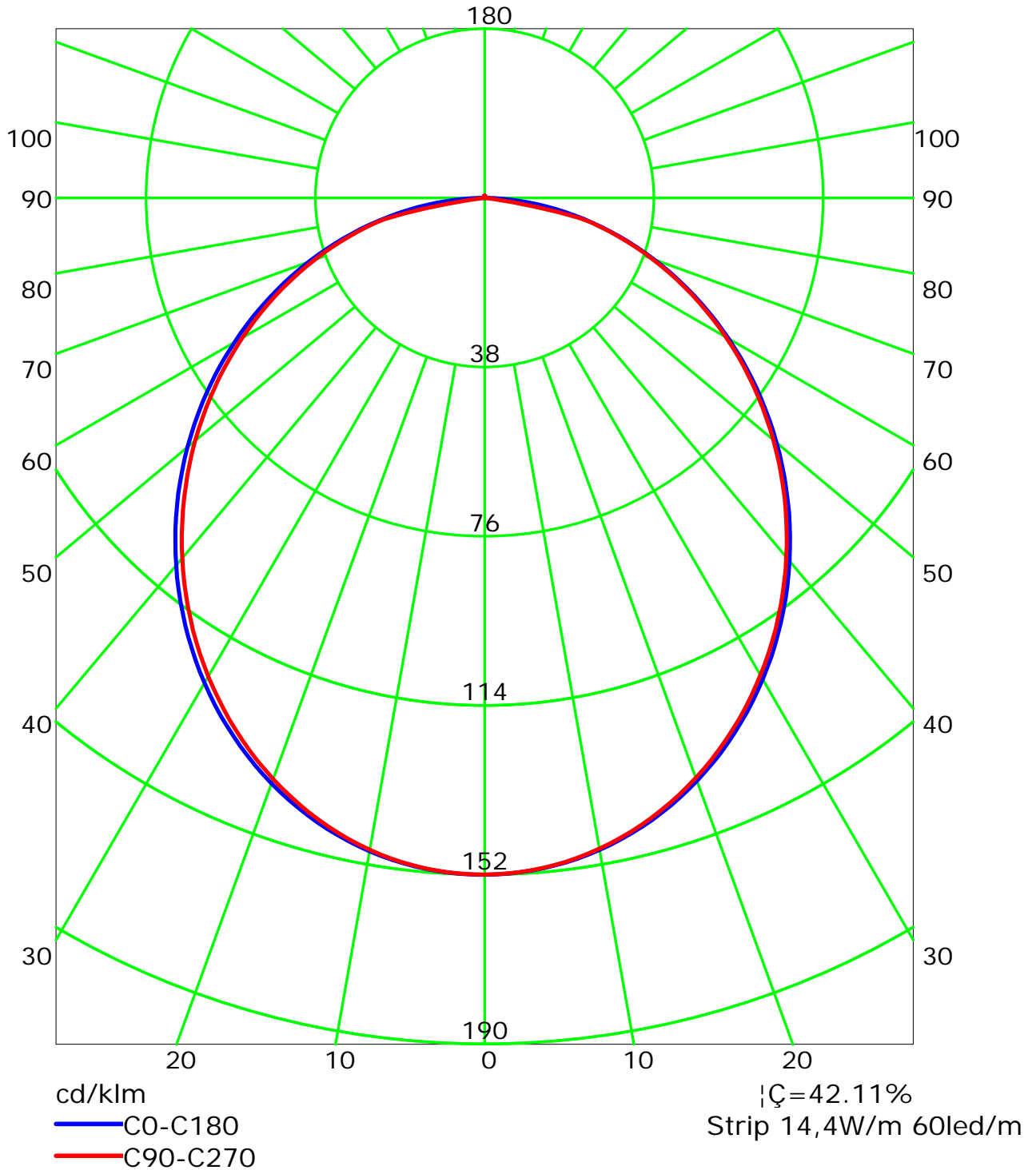


C Plane (°):0.0-360.0: 10.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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

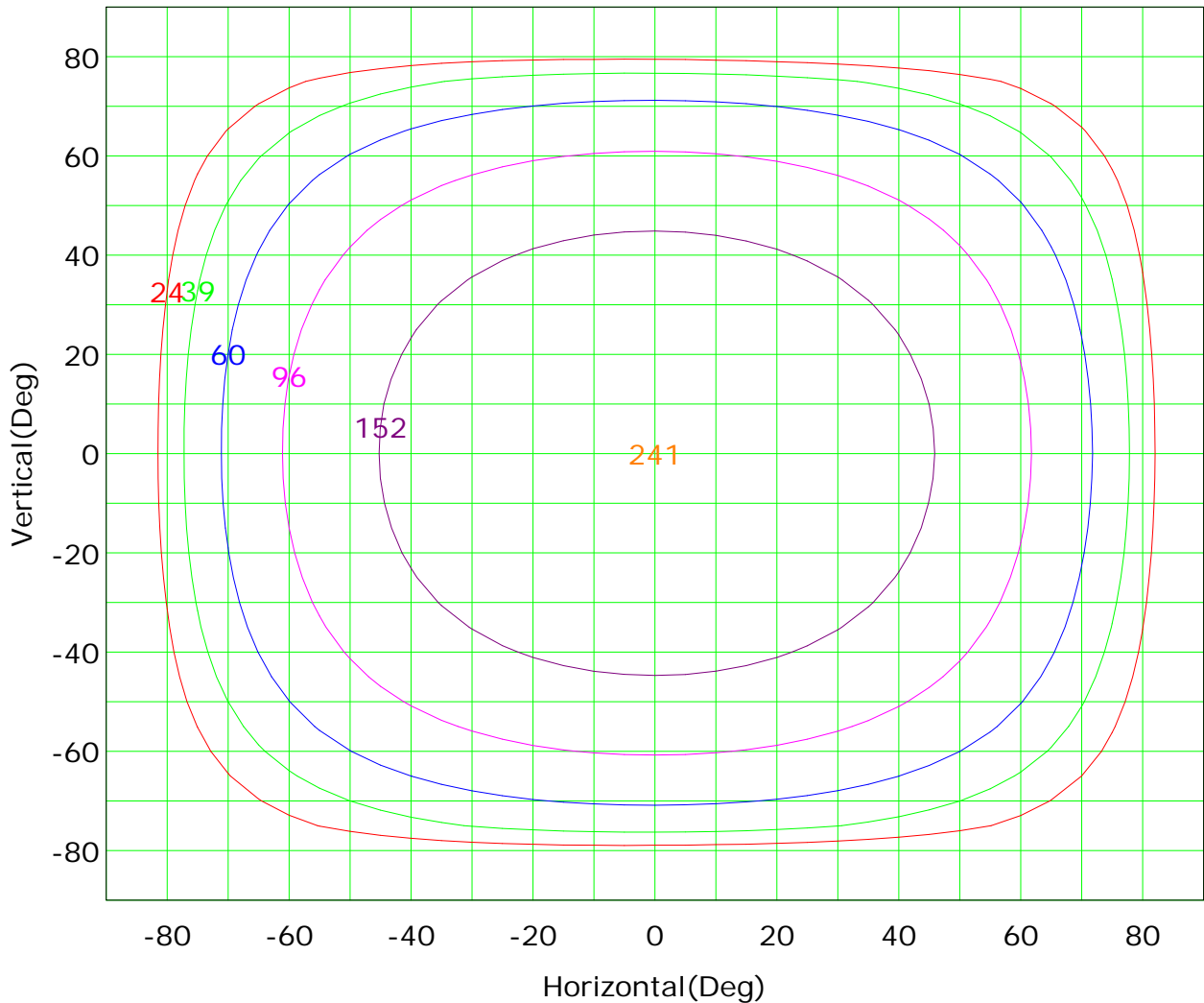


Luminous Intensity Distribution Curve(cd/klm)





Isocandela (rectangle)



Imax (100%): 241 cd

— (10%):	24 cd	— (16%):	39 cd
— (25%):	60 cd	— (40%):	96 cd
— (63%):	152 cd	— (100%):	241 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

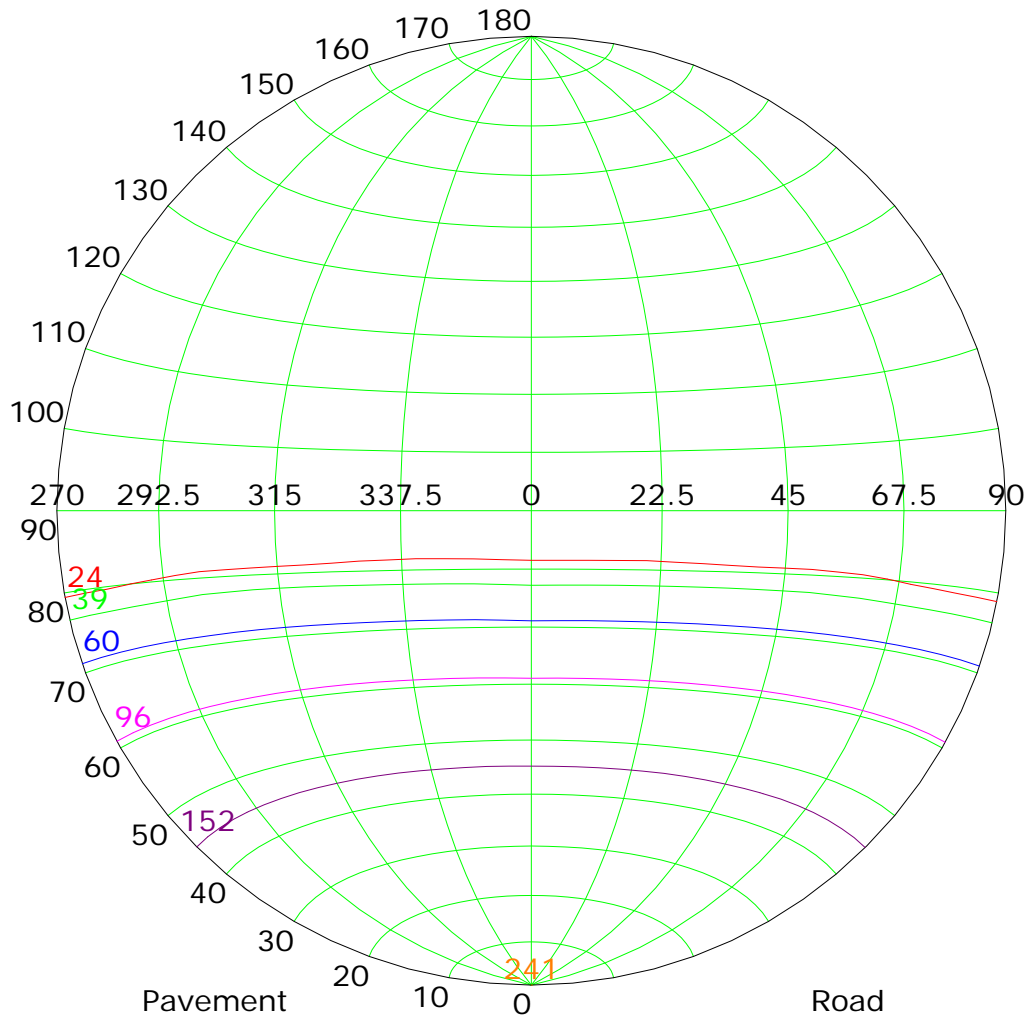
Distance: 7.970 m

Humidity:

Inspector:



Isocandela (sphere)



Imax (100%): 241 cd

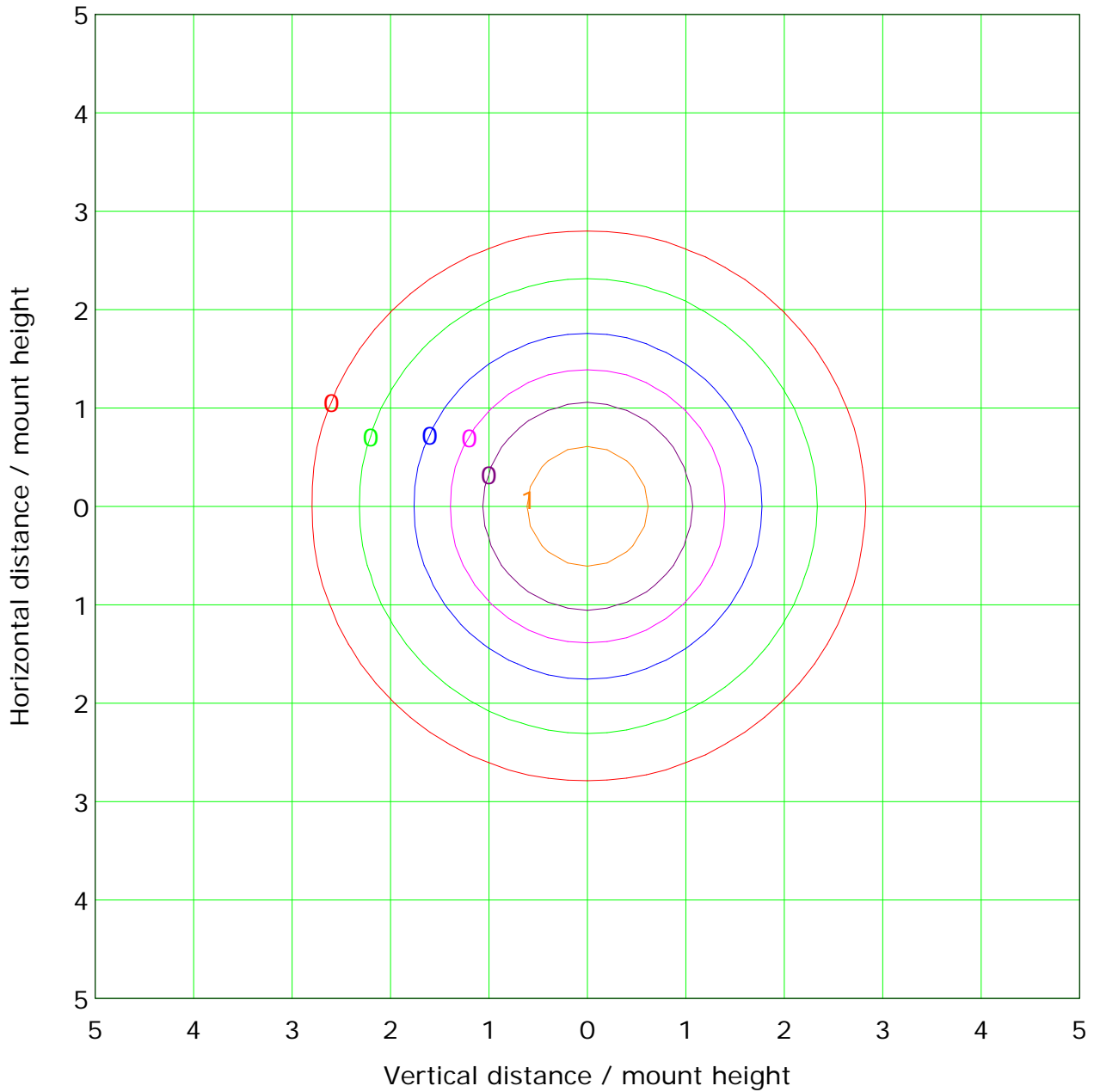
— (10%):	24 cd	— (16%):	39 cd
— (25%):	60 cd	— (40%):	96 cd
— (63%):	152 cd	— (100%):	241 cd

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%): 2.4 lx	
— (1%):	0.0 lx	— (2%):	0.0 lx
— (5%):	0.1 lx	— (10%):	0.2 lx
— (20%):	0.5 lx	— (50%):	1.2 lx
— (100%):	2.4 lx		

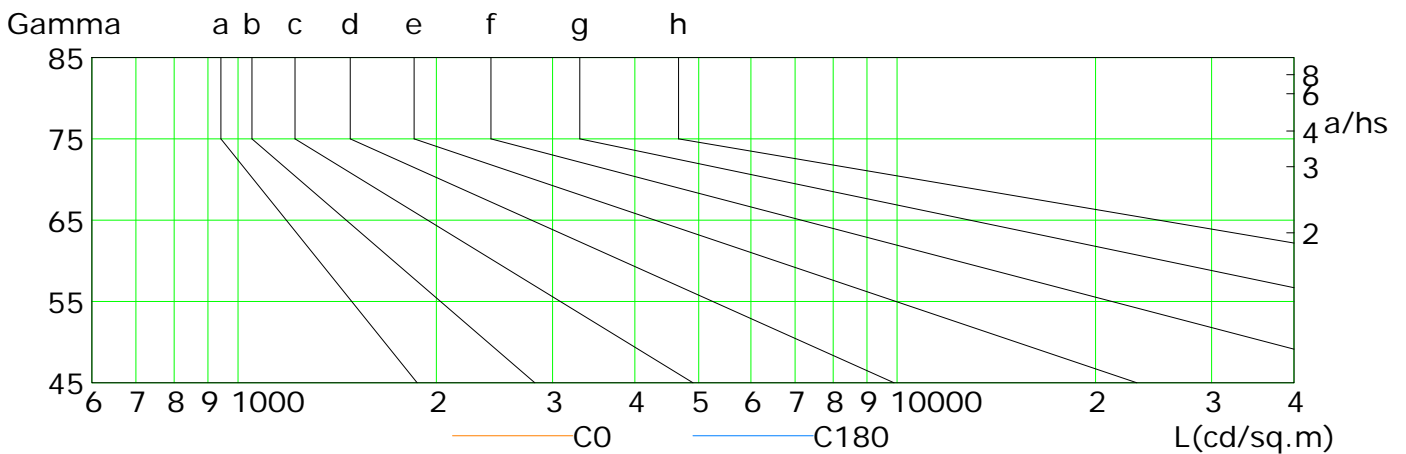
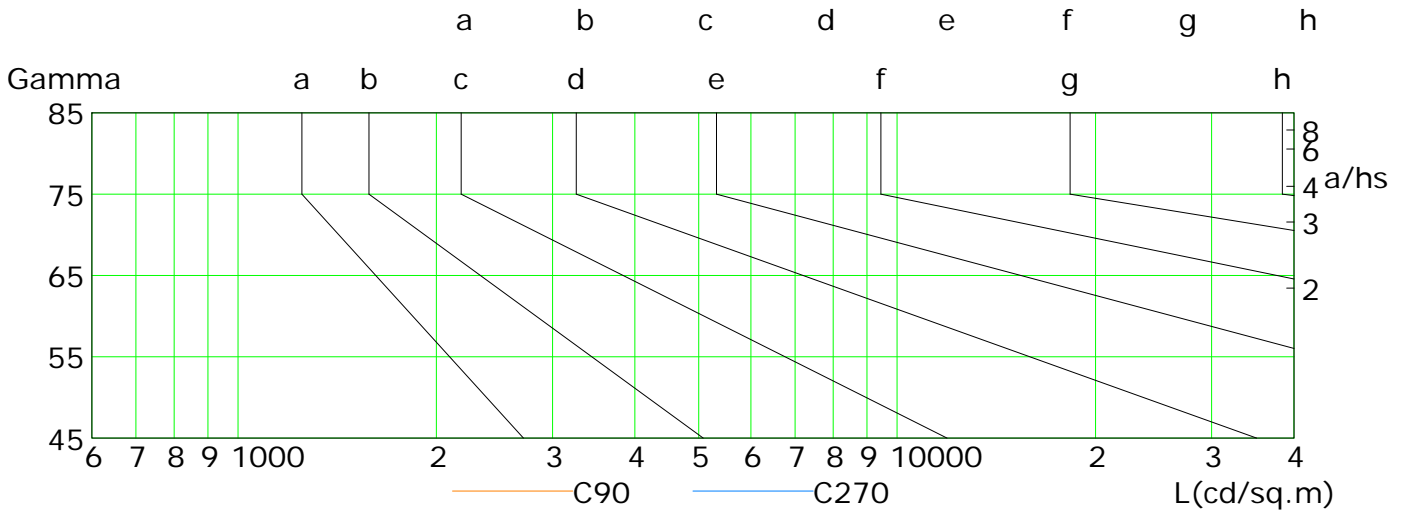
C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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



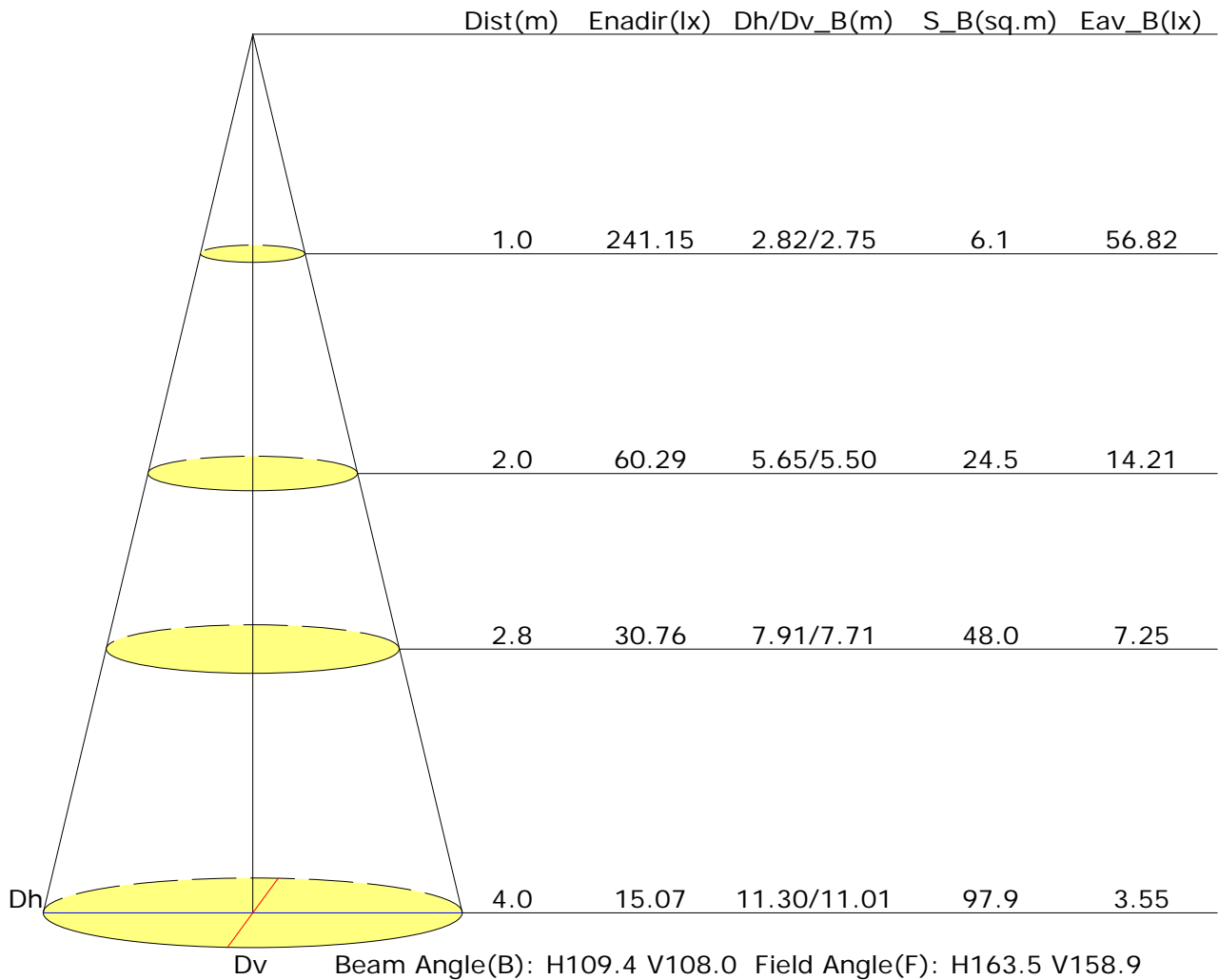
L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	153	136	118	100	82	64	46	29	13
C90	151	134	117	99	81	63	46	18	0
C180	155	138	121	103	85	67	49	31	14
C270	151	135	117	100	82	64	47	21	0

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:

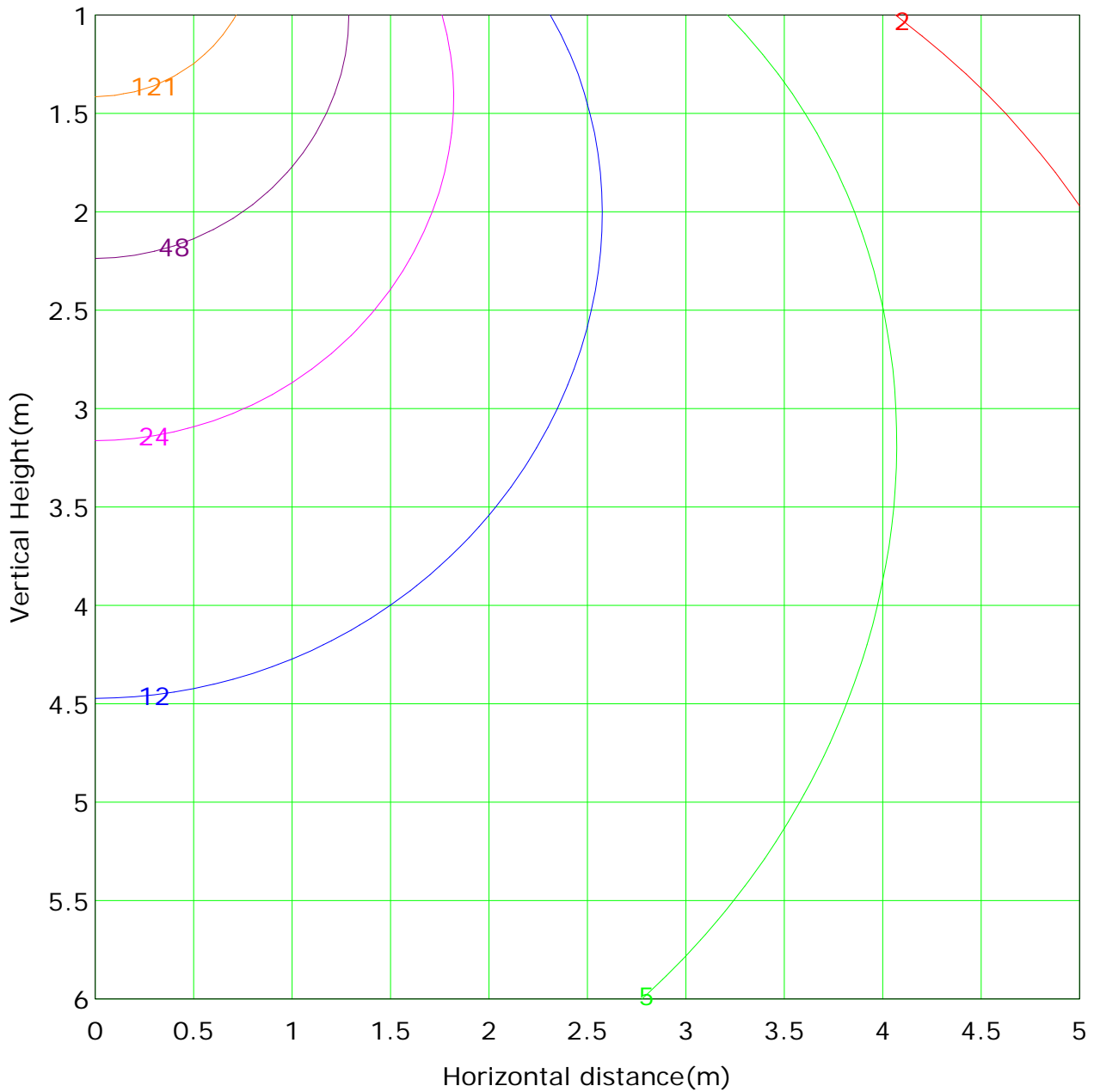


Illuminance at a Distance





Vertical IsoLux Plot



Lowest(m): 1.0m	Highest(m): 6.0m	Max Lux: 241.1 lx
— (1%): 2.4 lx	— (2%): 4.8 lx	— (10%): 24.1 lx
— (5%): 12.1 lx	— (20%): 48.2 lx	— (50%): 120.6 lx
— (100%): 241.1 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 09:22

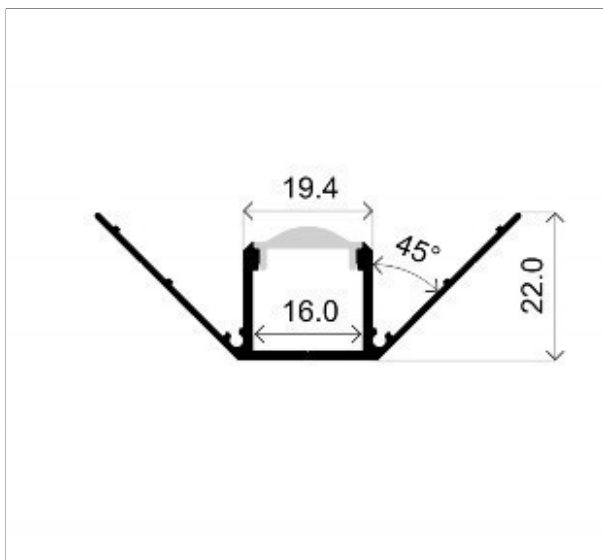
Luminaire Property

Luminaire Manufacturer: Lighting Line
 Luminaire Description: LLP-DW02-03 + 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: 0.585 A Power: 14.04 W
 Power Factor: 1.000

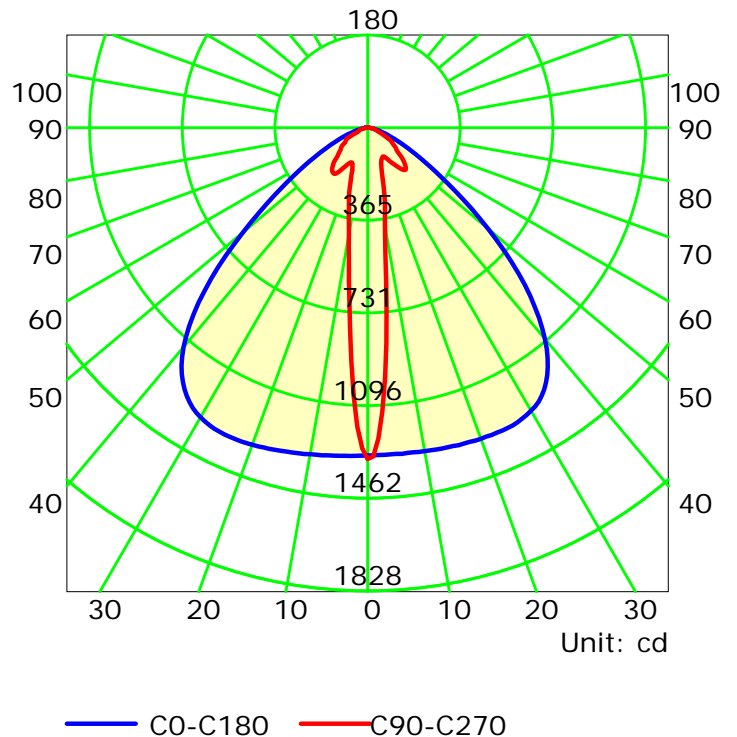
Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 1579.0 lm
Measurement Flux: 984.9 lm	Efficiency: 62.37%
Downward Ratio: 62.21%	Upward Ratio: 0.16%
Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 132.6, 108.5, 107.3, 107.3	
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 98.6, 13.0, 18.0, 18.5	
Luminaire Efficacy Rating (LER): 70.20	Central Intensity: 1293.67 cd
Max. Intensity: 1336.14 cd	Pos of Max. Intensity: H180 V24
S/MH(C0/C180): 1.45	S/MH(C90/C270): 0.22

Picture Of Luminaire



Luminous Intensity Distribution Curve

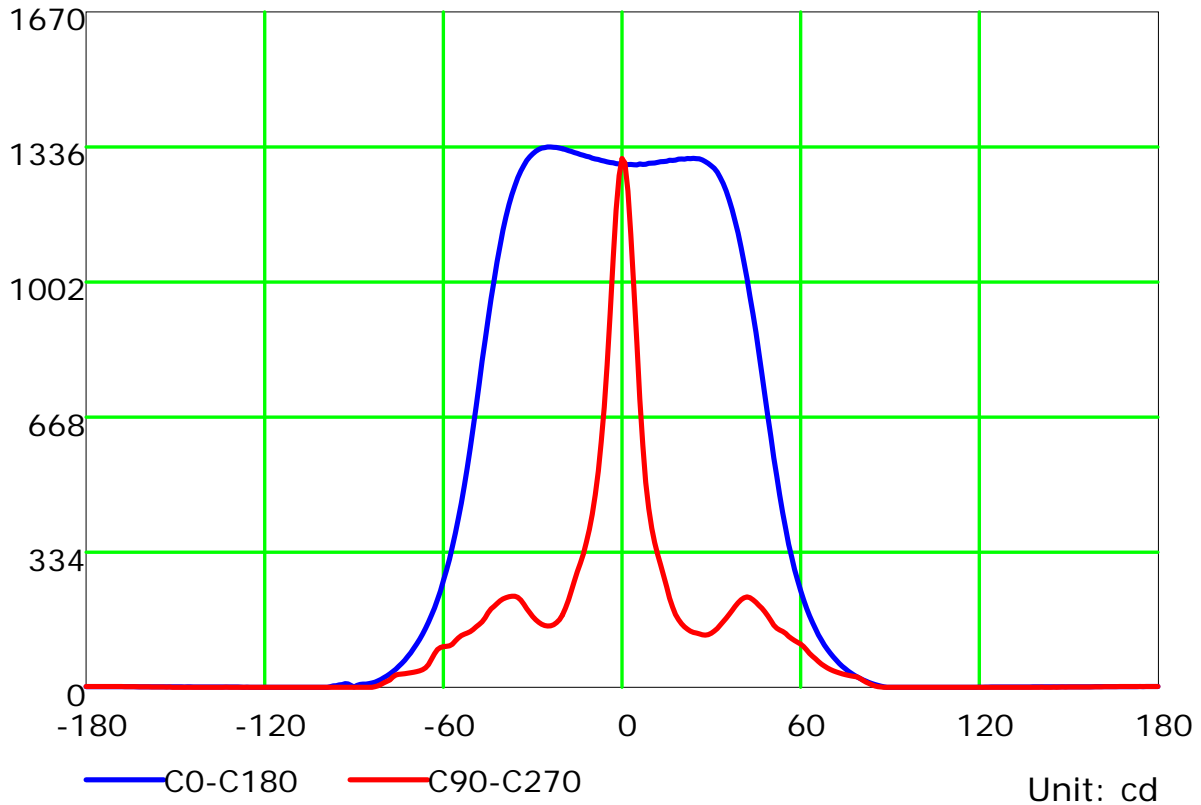
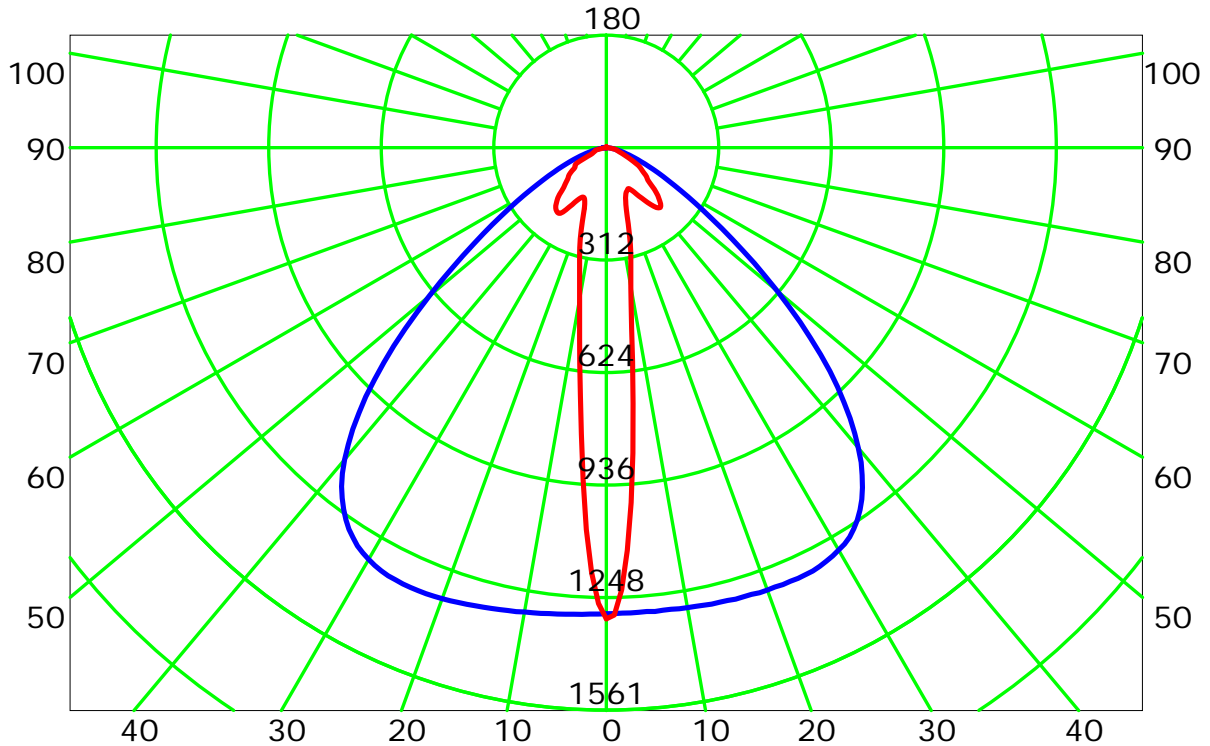


C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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



Luminous Intensity Distribution Curve

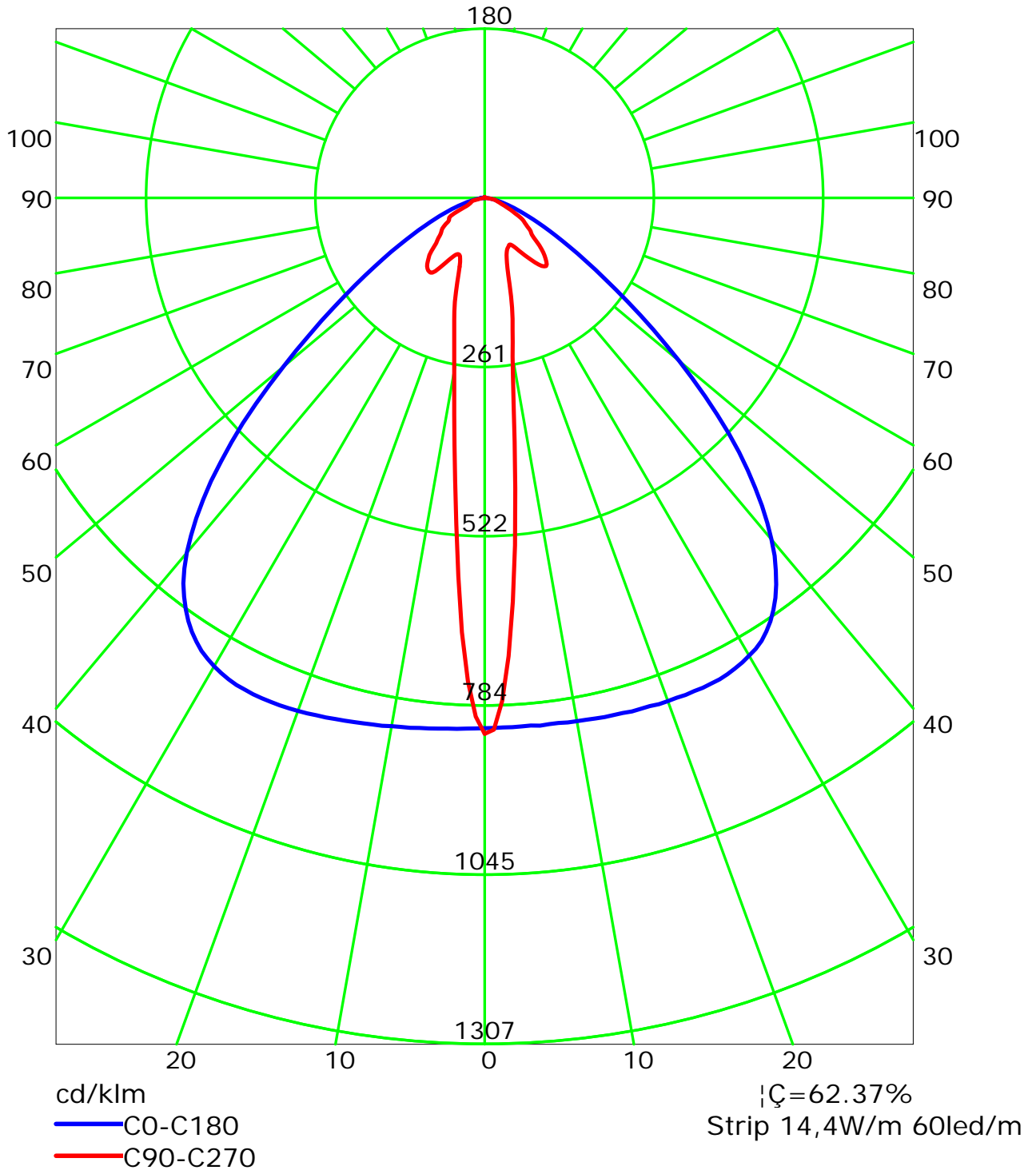


C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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



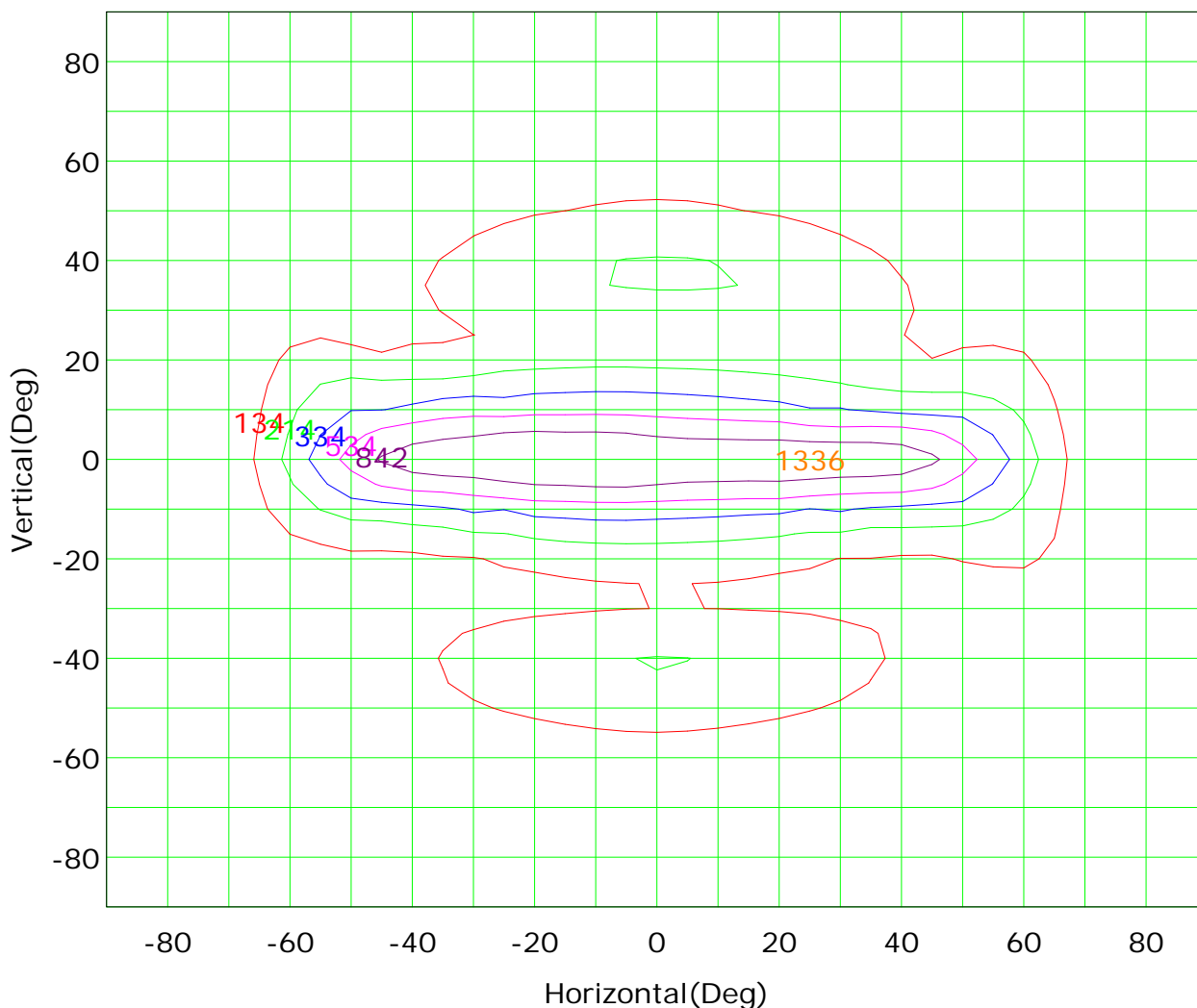
Luminous Intensity Distribution Curve(cd/klm)



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)

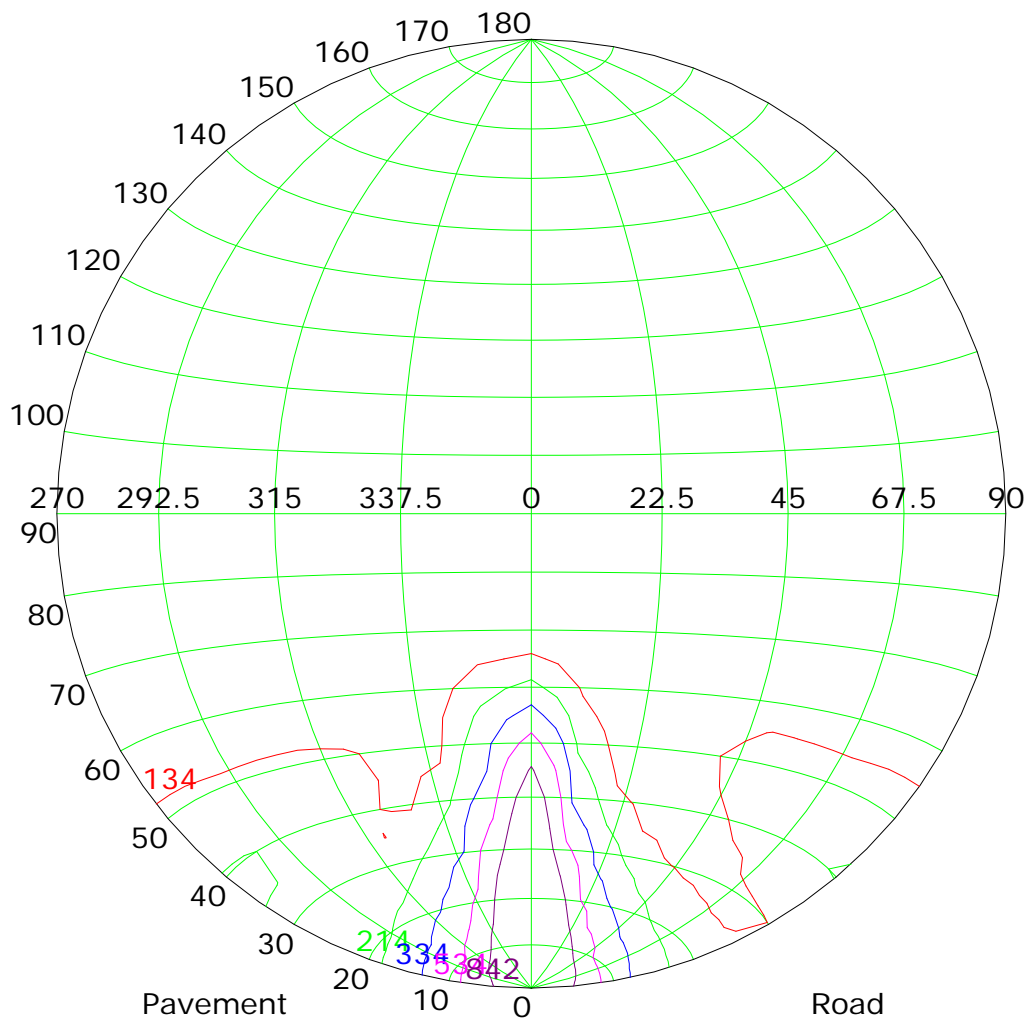


Imax (100%): 1336 cd

— (10%):	134 cd	— (16%):	214 cd
— (25%):	334 cd	— (40%):	534 cd
— (63%):	842 cd	— (100%):	1336 cd



Isocandela (sphere)



Imax (100%): 1336 cd

- | | | | |
|-----------|--------|-----------|---------|
| — (10%): | 134 cd | — (16%): | 214 cd |
| — (25%): | 334 cd | — (40%): | 534 cd |
| — (63%): | 842 cd | — (100%): | 1336 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

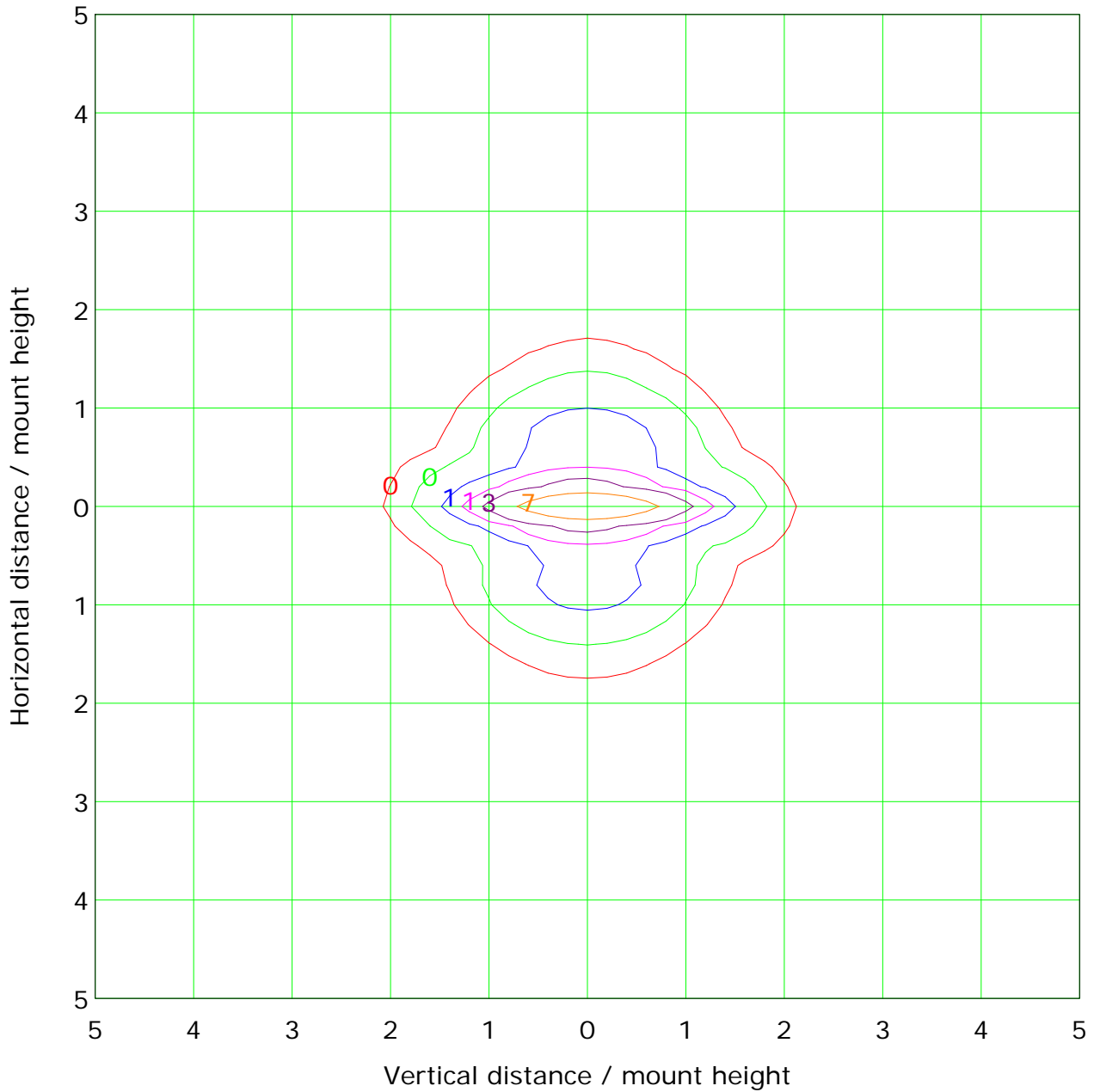
Distance: 7.970 m

Humidity:

Inspector:



IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 13.1 lx	
— (1%):	0.1 lx	— (2%):	0.3 lx
— (5%):	0.7 lx	— (10%):	1.3 lx
— (20%):	2.6 lx	— (50%):	6.6 lx
— (100%):	13.1 lx		

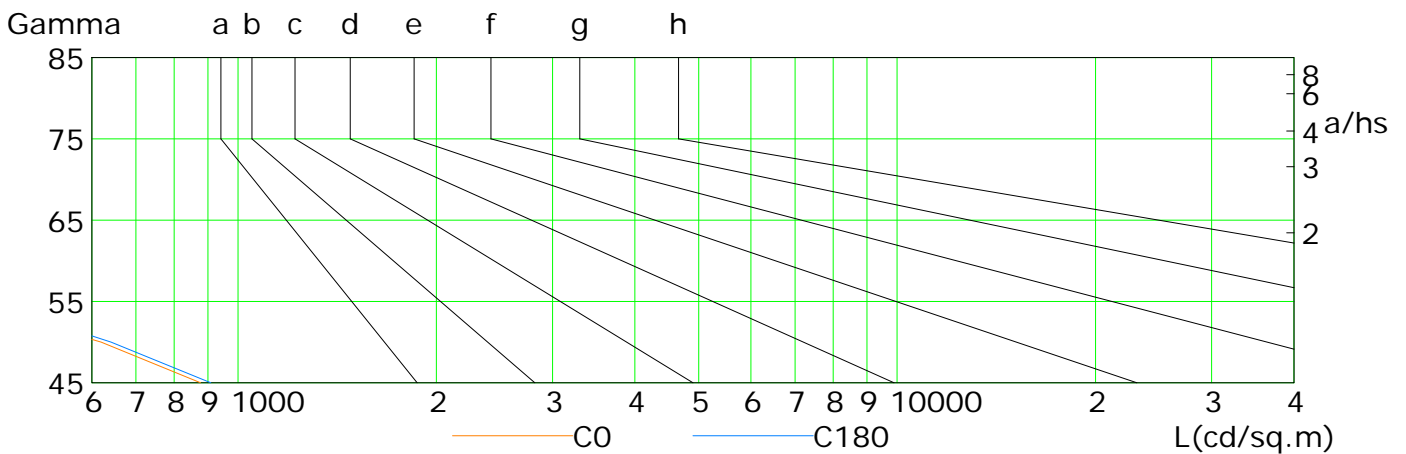
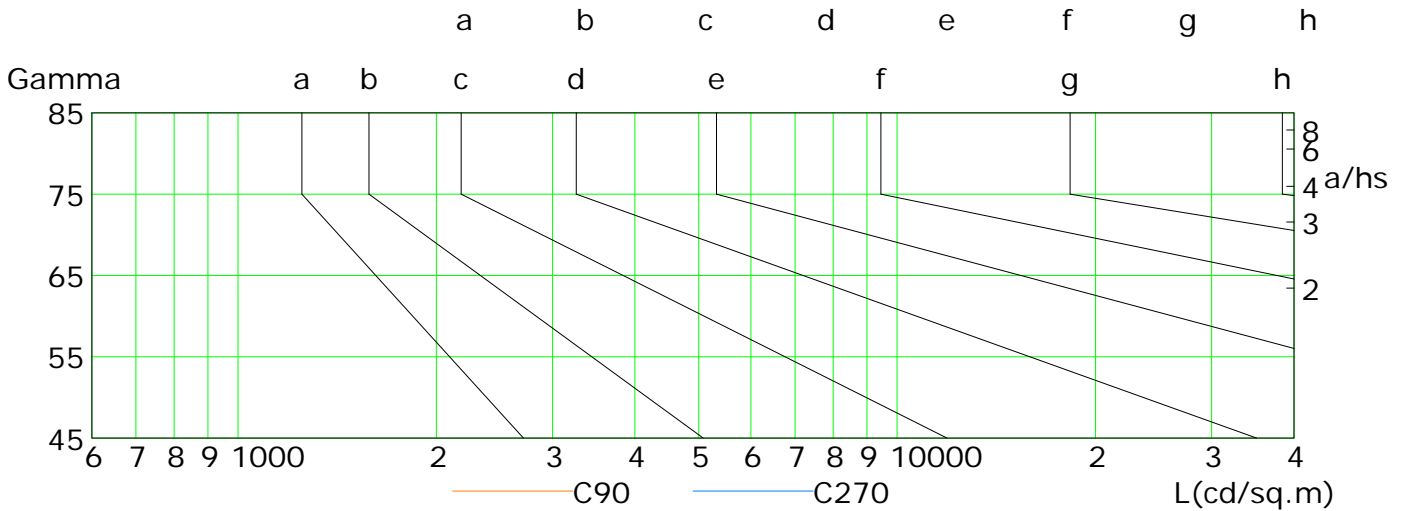
C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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	877	620	391	239	145	84	46	22	7
C90	210	165	133	107	71	44	32	22	4
C180	909	642	416	264	161	96	52	24	9
C270	184	143	122	101	57	37	32	11	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

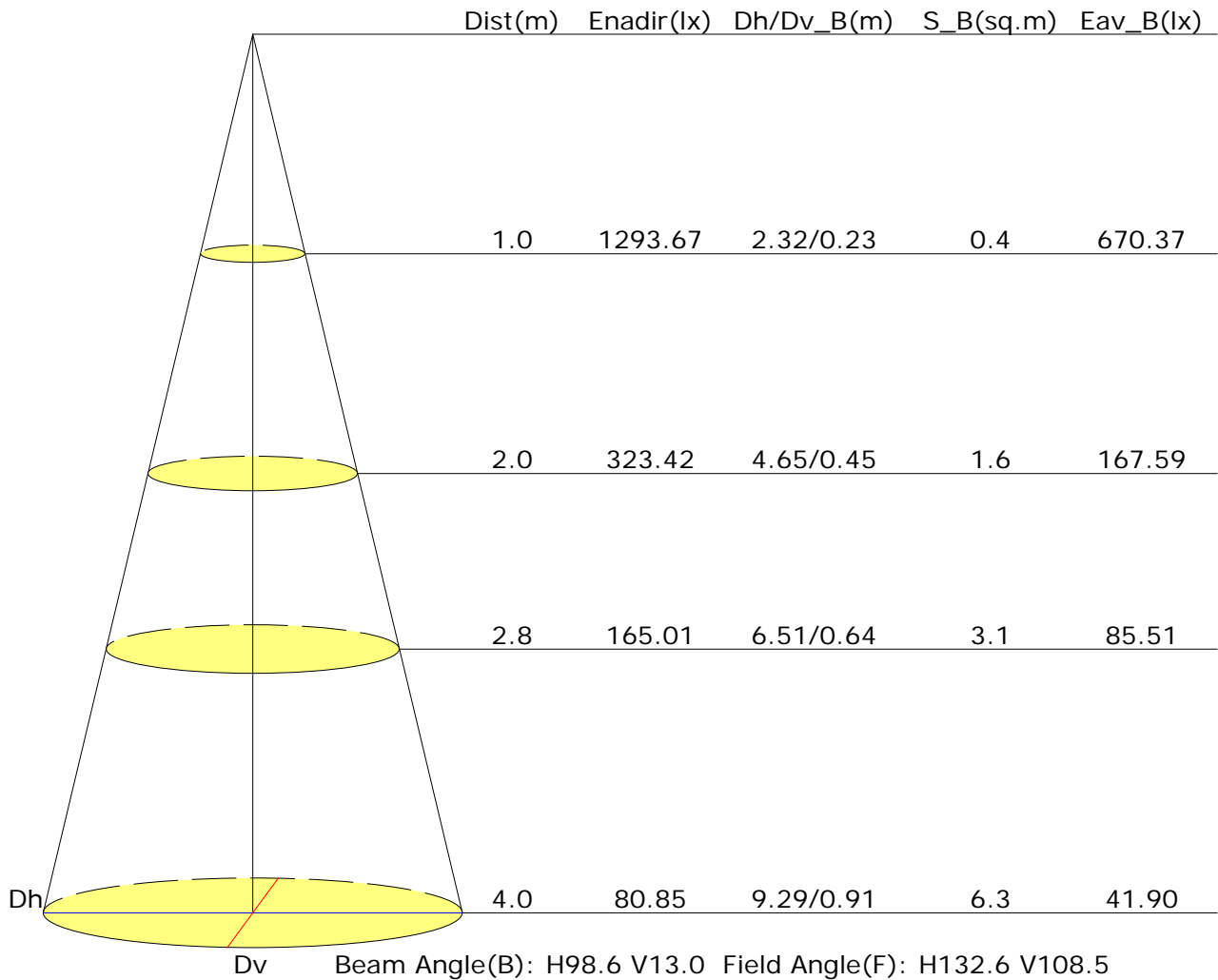
Distance: 7.970 m

Humidity:

Inspector:

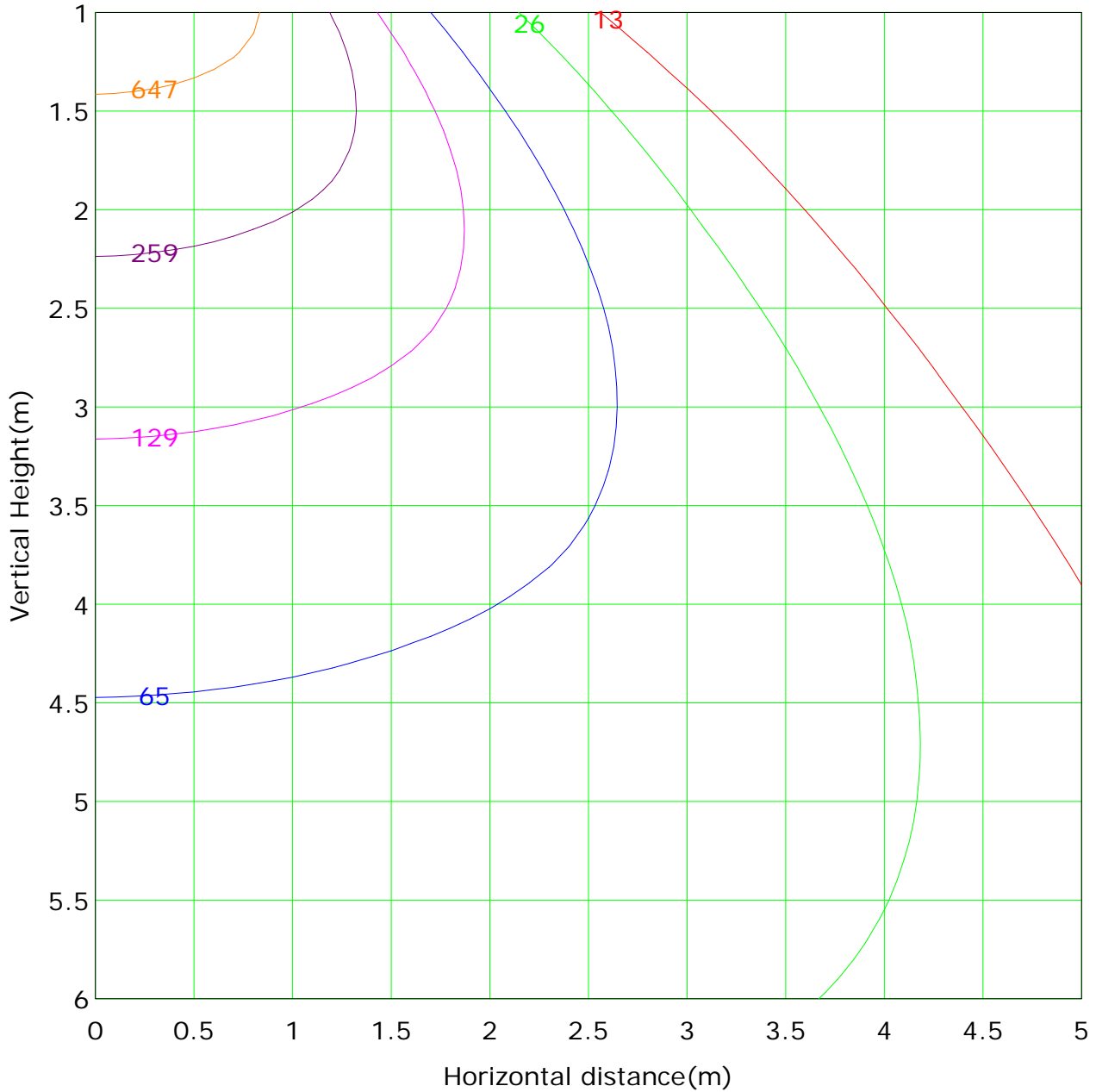


Illuminance at a Distance





Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 6.0m Max Lux: 1293.7 lx

— (1%): 12.9 lx	— (2%): 25.9 lx
— (5%): 64.7 lx	— (10%): 129.4 lx
— (20%): 258.7 lx	— (50%): 646.8 lx
— (100%): 1293.7 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: