



Report No.:

Test Time: 04/09/2018 16:01

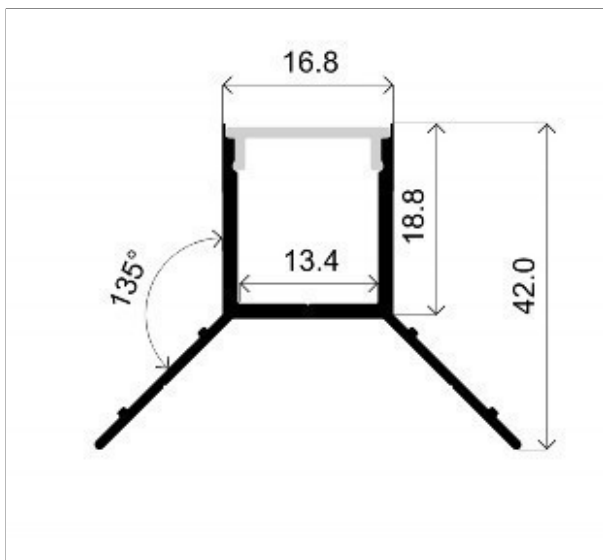
## Luminaire Property

Luminaire Manufacturer: Lighting Line  
 Luminaire Description: LLP-DW03-03 + 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: 0.594 A Power: 14.25 W  
 Power Factor: 1.000

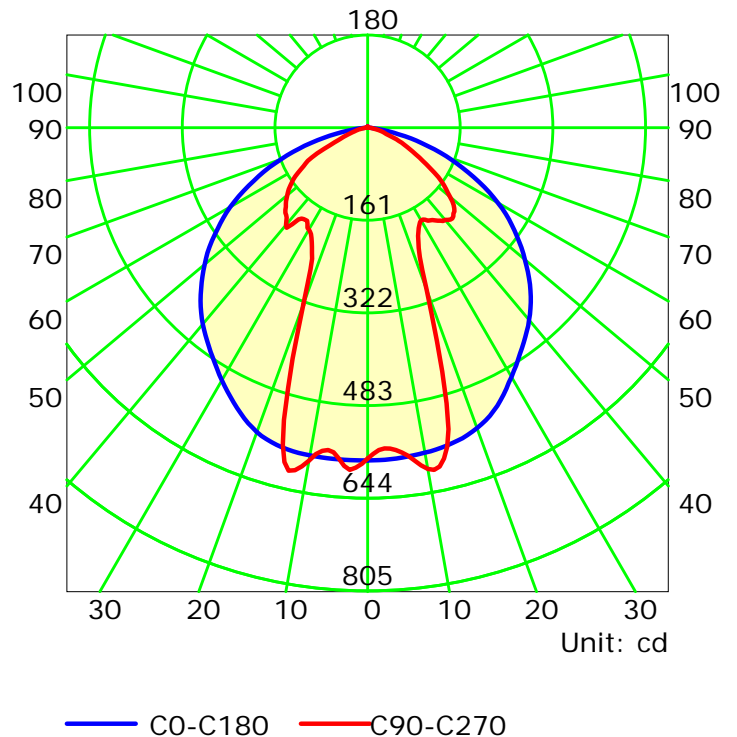
## Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 1579.0 lm
Measurement Flux: 1018.6 lm	Efficiency: 64.51%
Downward Ratio: 64.31%	Upward Ratio: 0.20%
Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 156.5, 132.8, 135.0, 134.9	
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 116.1, 40.5, 54.6, 55.4	
Luminaire Efficacy Rating (LER): 71.53	Central Intensity: 578.34 cd
Max. Intensity: 612.14 cd	Pos of Max. Intensity: H260 V13
S/MH(C0/C180): 1.29	S/MH(C90/C270): 0.70

Picture Of Luminaire



Luminous Intensity Distribution Curve

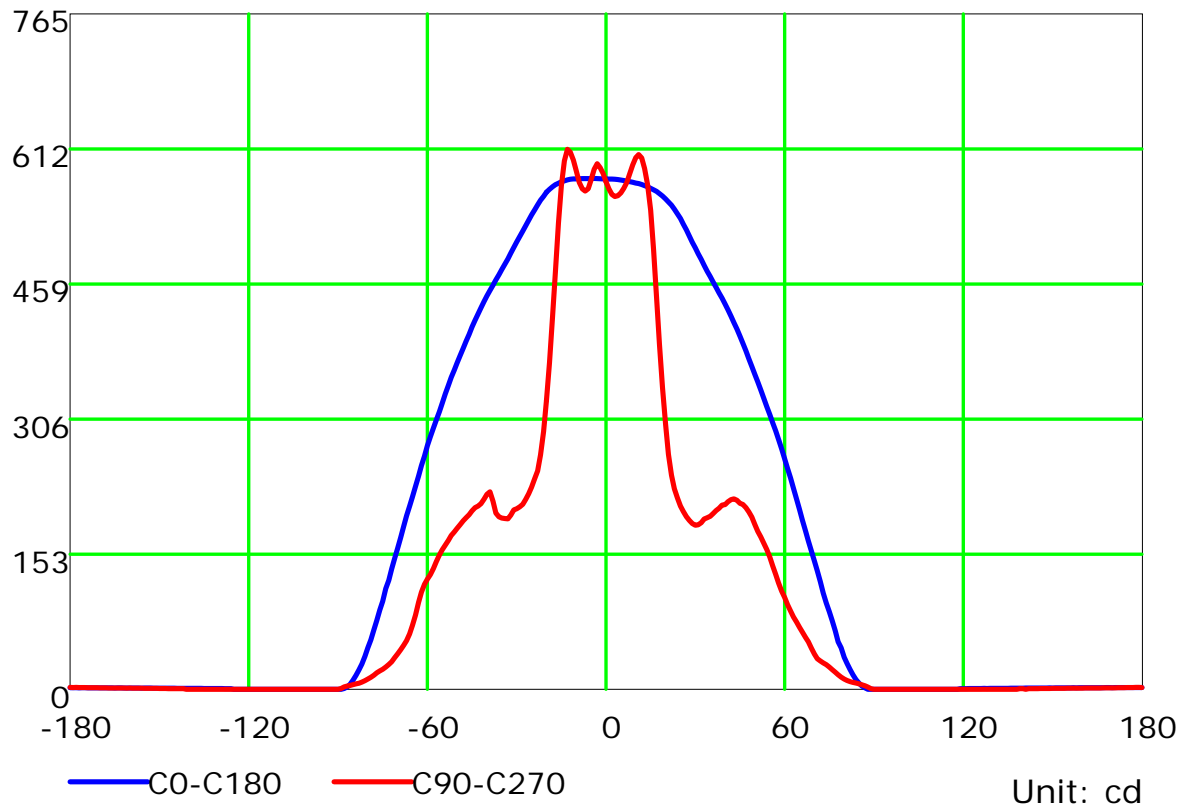
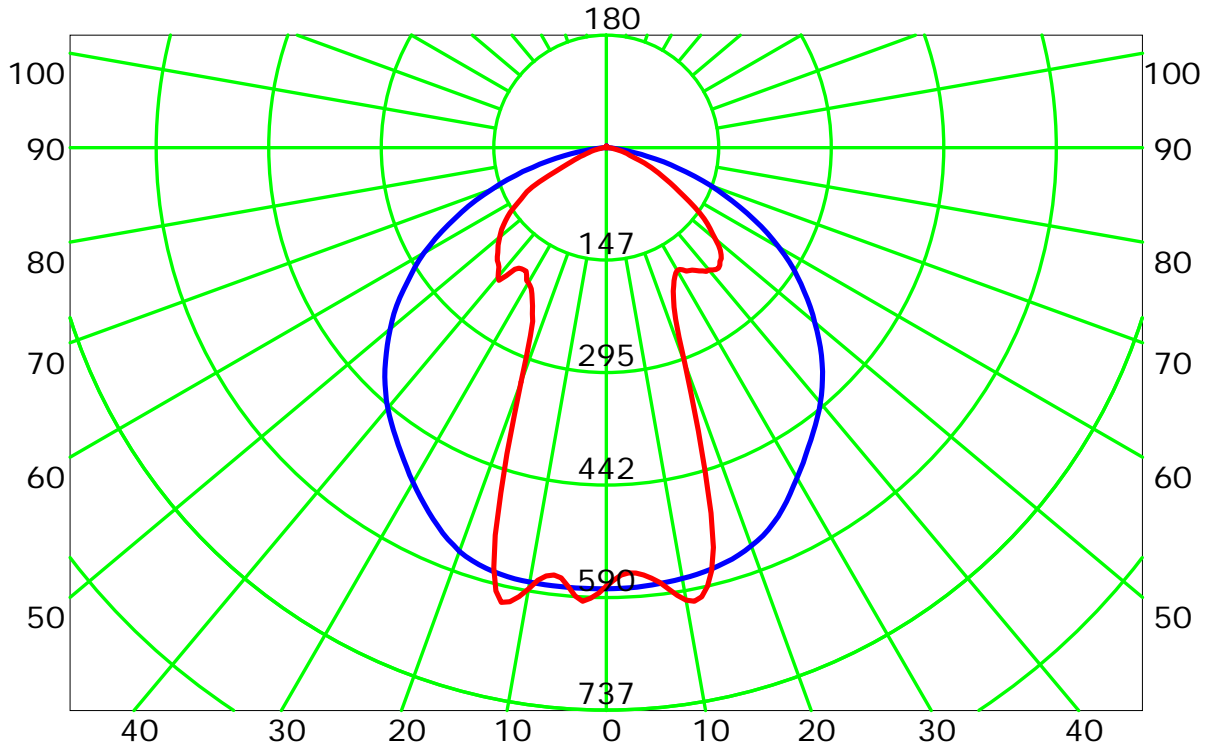


C Plane (°):0.0-360.0: 10.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

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



## Luminous Intensity Distribution Curve

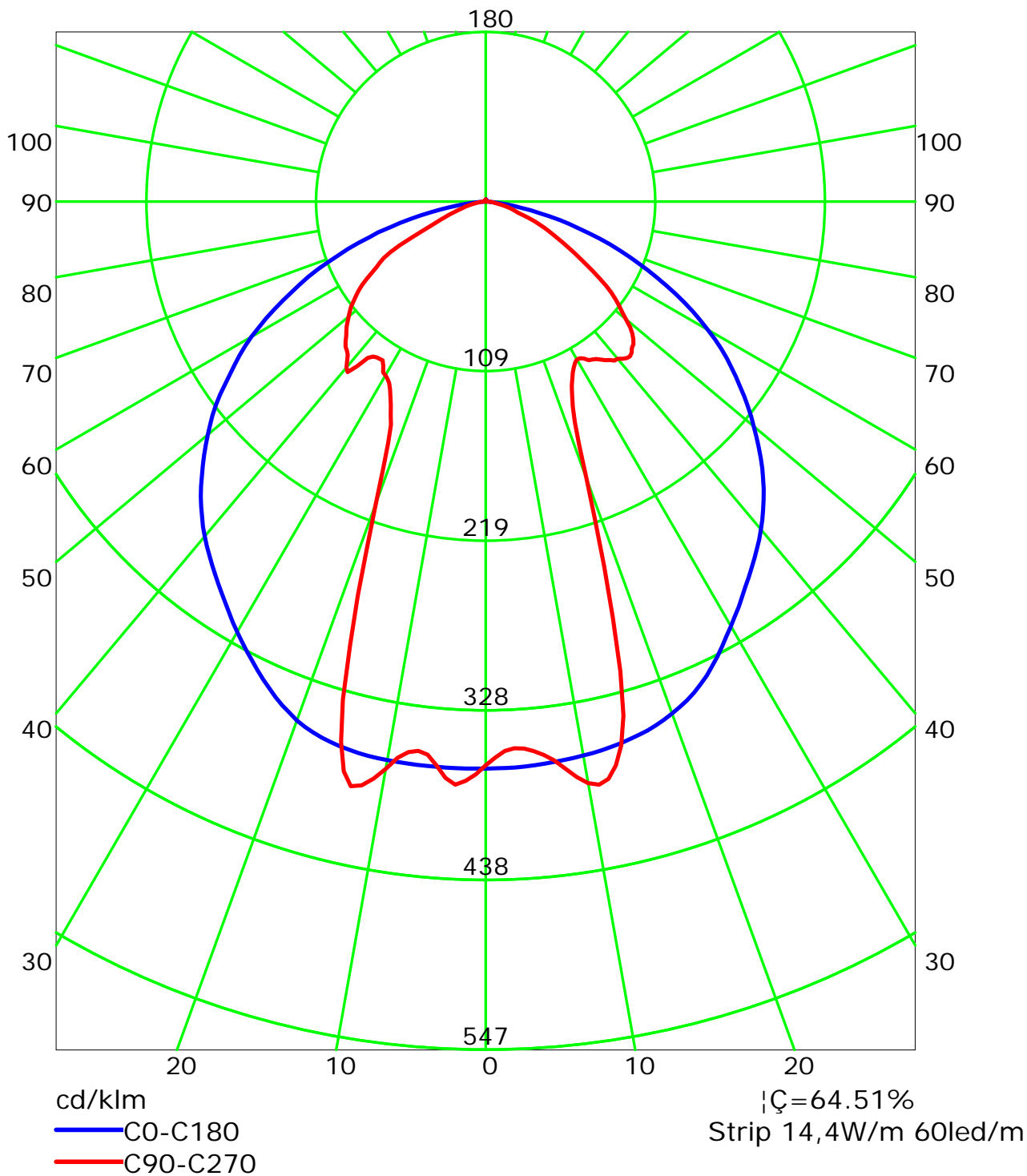


C Plane (°):0.0-360.0: 10.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

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



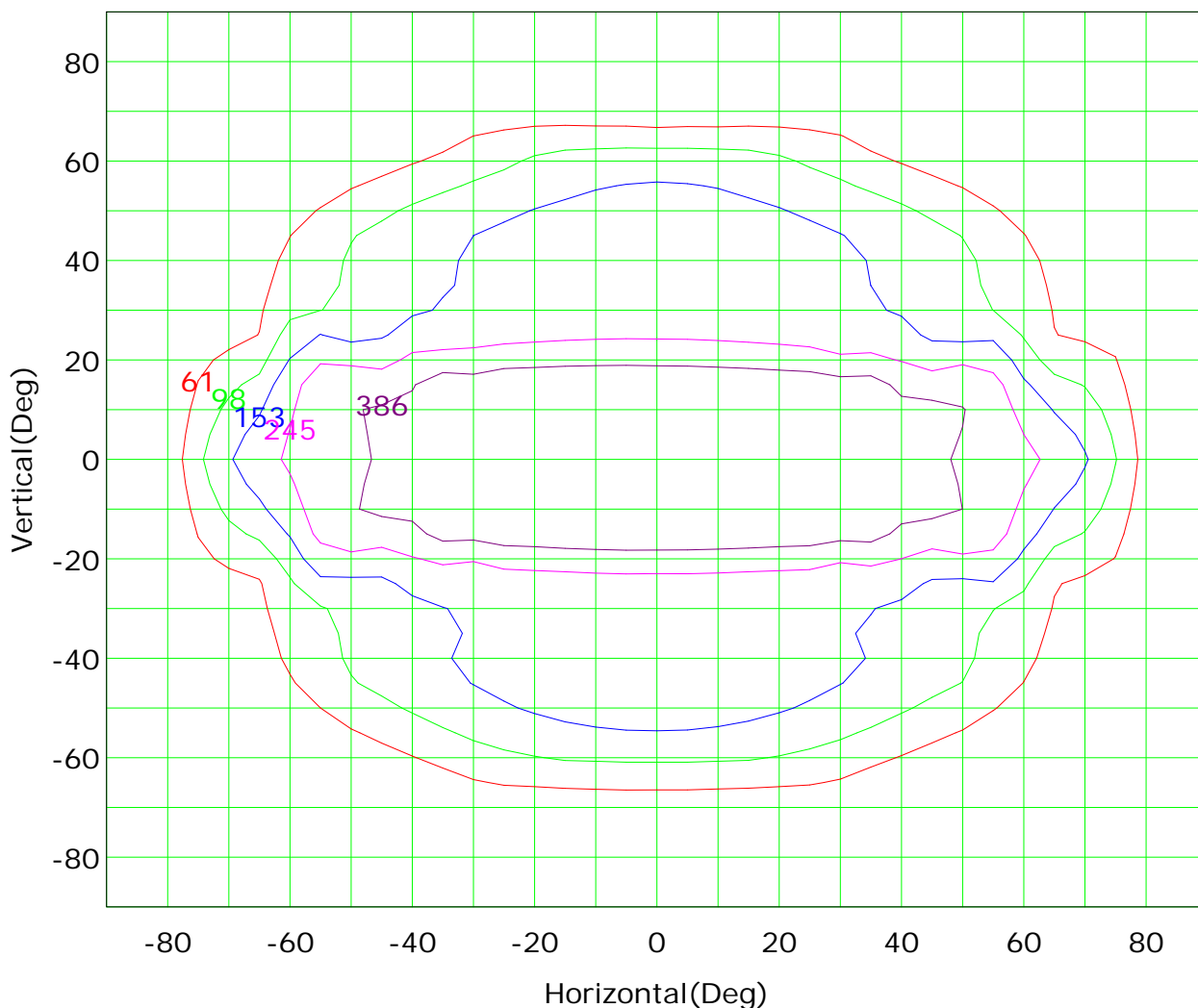
## Luminous Intensity Distribution Curve(cd/klm)



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%): 612 cd

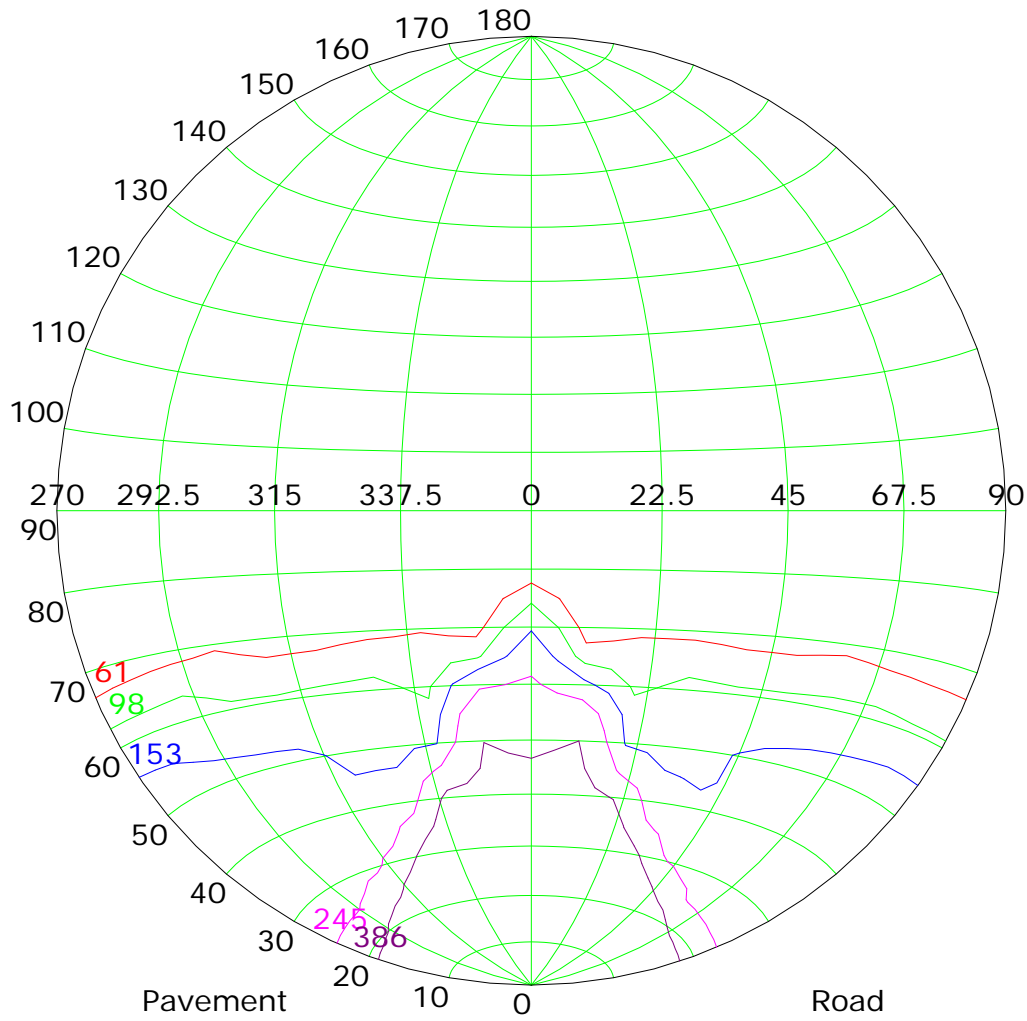
— ( 10%):	61 cd	— ( 16%):	98 cd
— ( 25%):	153 cd	— ( 40%):	245 cd
— ( 63%):	386 cd	— (100%):	612 cd

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%): 612 cd

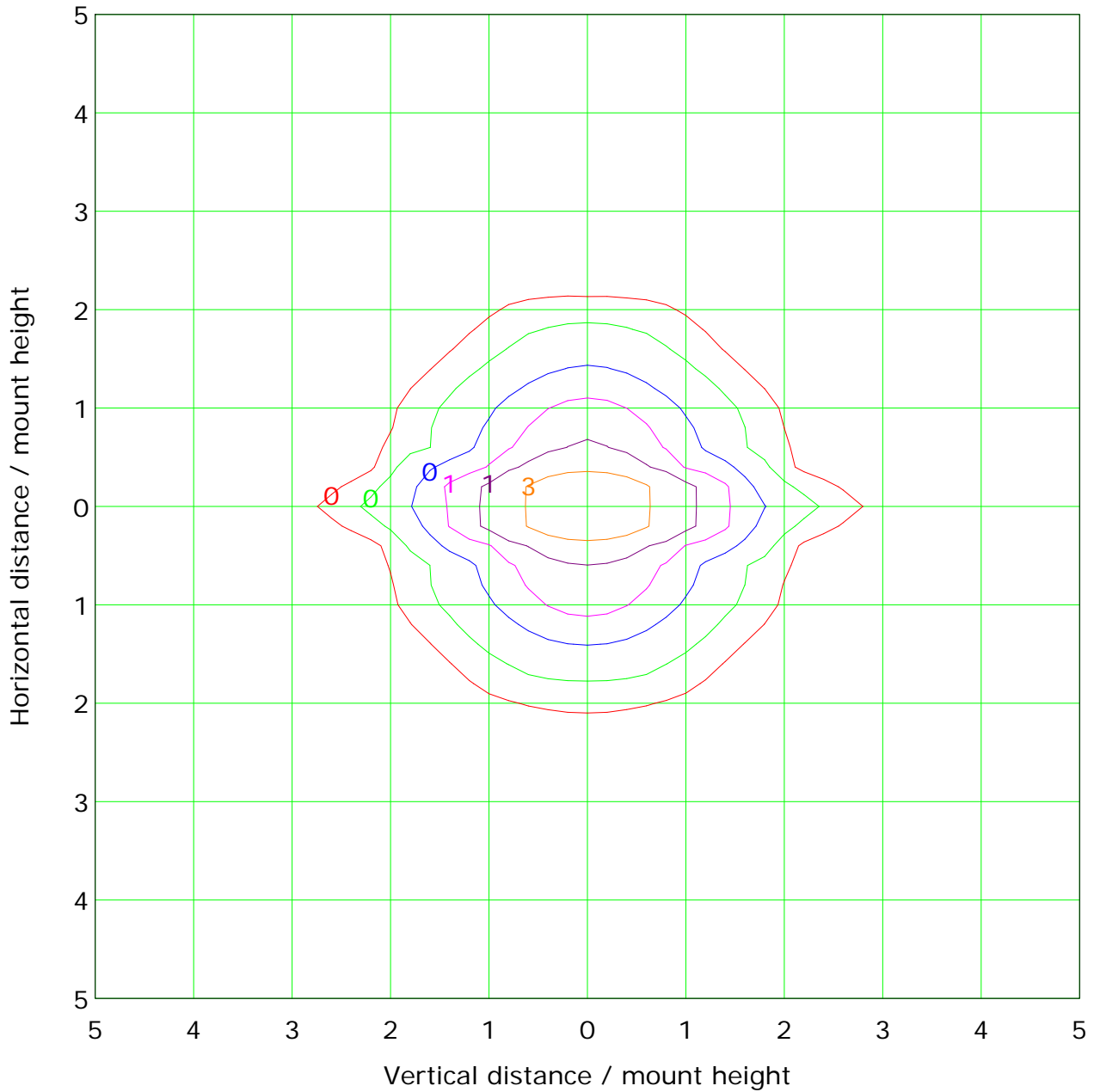
— ( 10%):	61 cd	— ( 16%):	98 cd
— ( 25%):	153 cd	— ( 40%):	245 cd
— ( 63%):	386 cd	— (100%):	612 cd

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%): 5.9 lx	
— ( 1%):	0.1 lx	— ( 2%):	0.1 lx
— ( 5%):	0.3 lx	— (10%):	0.6 lx
— (20%):	1.2 lx	— (50%):	3.0 lx
— (100%):	5.9 lx		

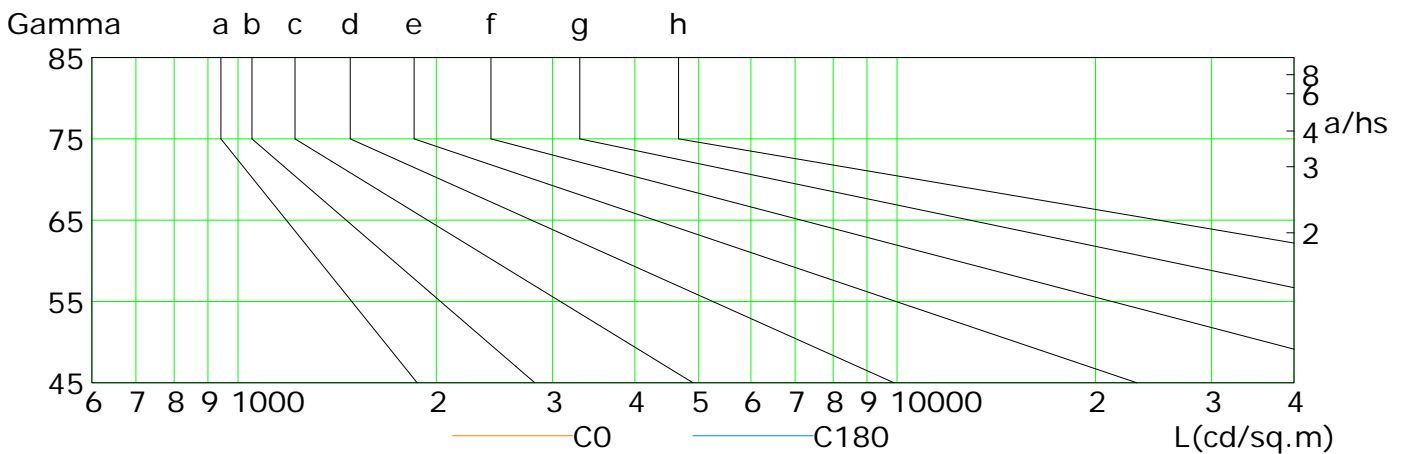
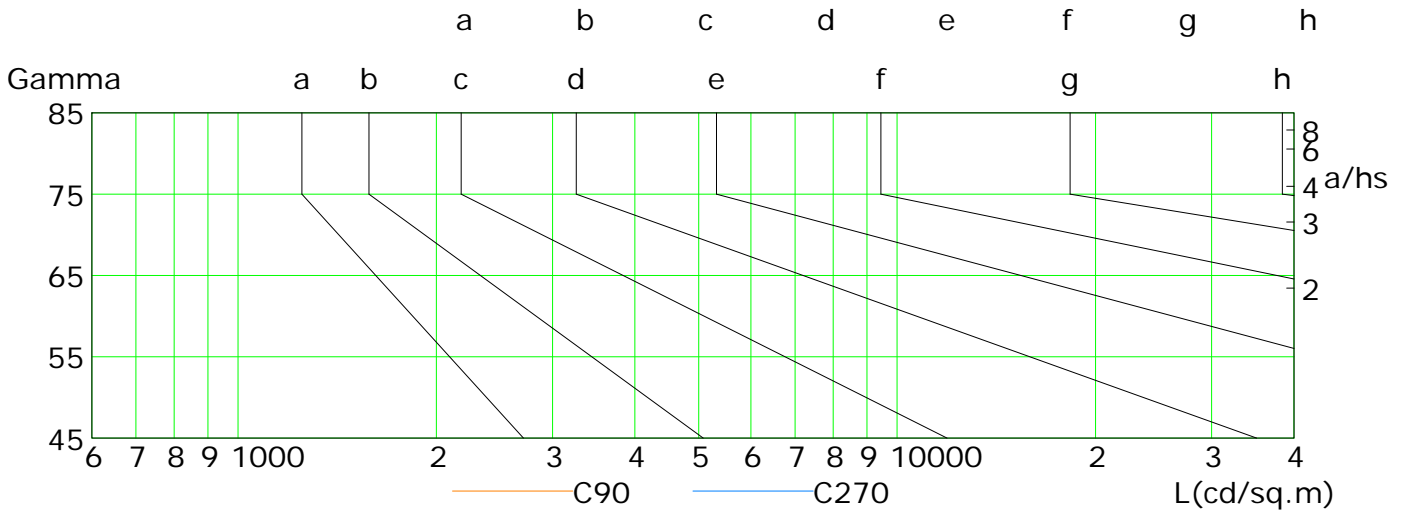
C Plane (°):0.0-360.0: 10.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

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



## 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	400	357	312	261	204	145	88	36	7
C90	211	187	150	104	70	40	25	12	6
C180	411	370	324	276	218	160	100	47	10
C270	202	183	158	125	73	40	23	12	5

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

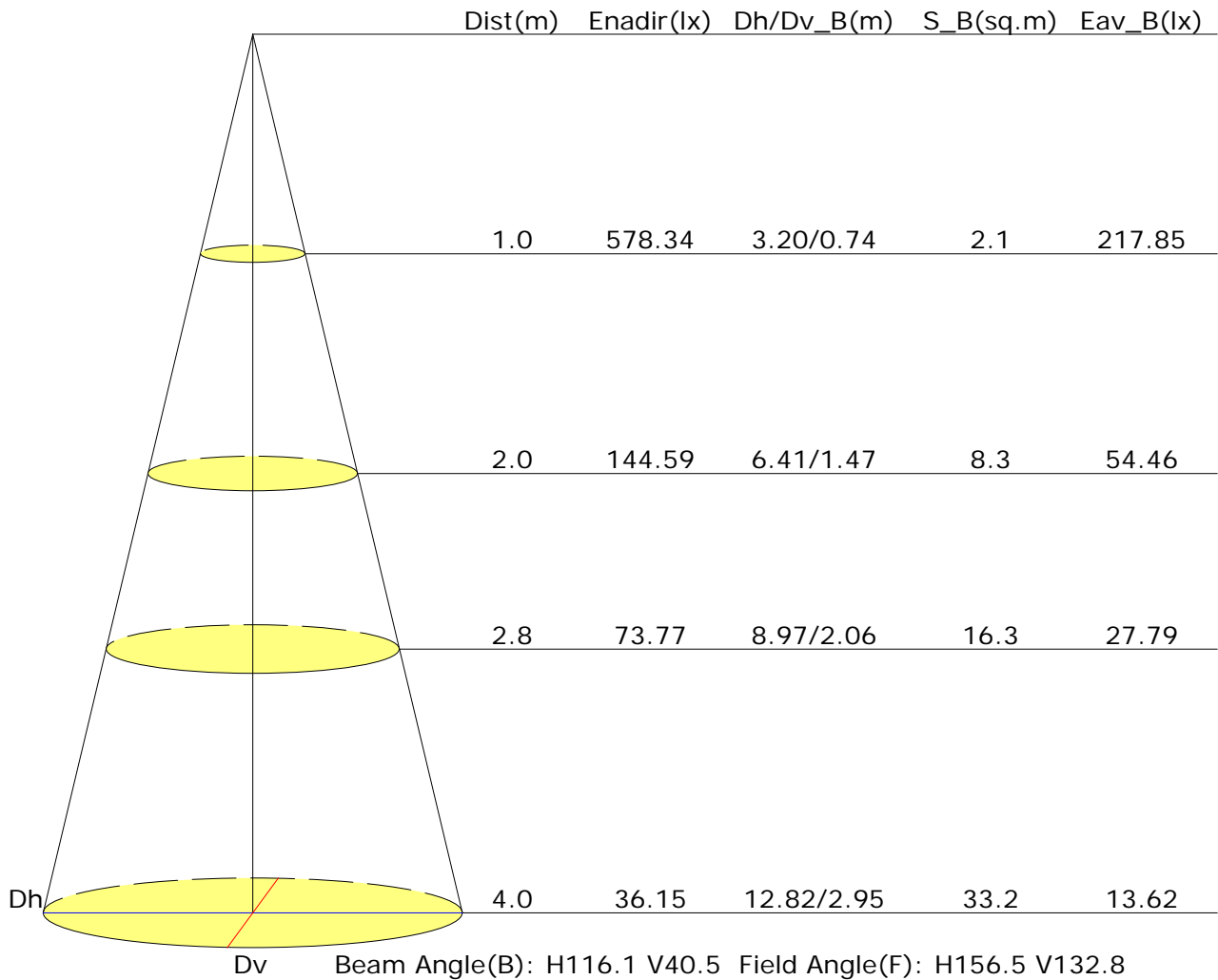
Distance: 7.970 m

Humidity:

Inspector:



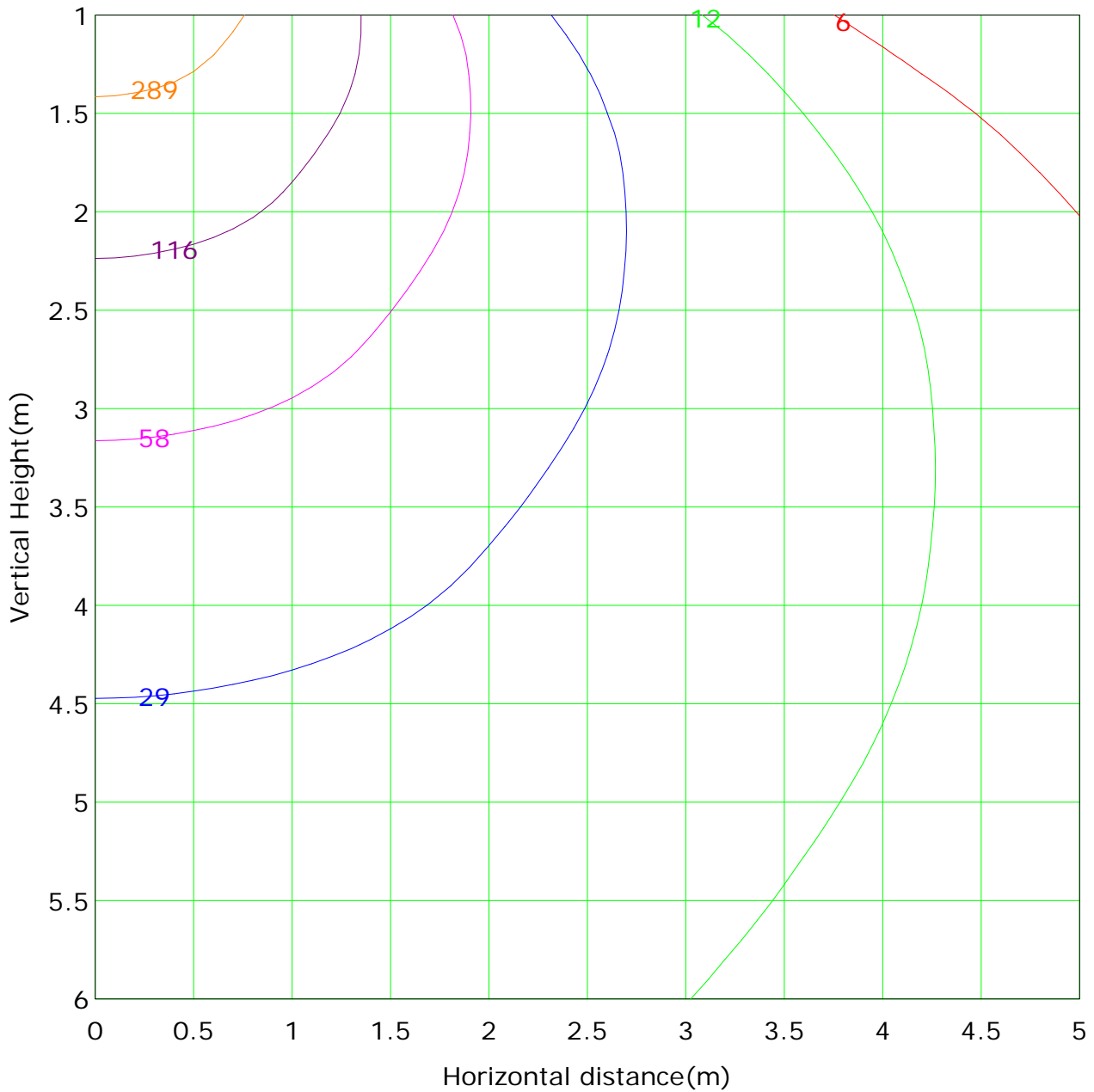
## Illuminance at a Distance







## Vertical IsoLux Plot



Lowest(m): 1.0m	Highest(m): 6.0m	Max Lux: 578.3 lx
— ( 1%): 5.8 lx	— ( 2%): 11.6 lx	
— ( 5%): 28.9 lx	— (10%): 57.8 lx	
— (20%): 115.7 lx	— (50%): 289.2 lx	
— (100%): 578.3 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: 05/09/2018 11:17

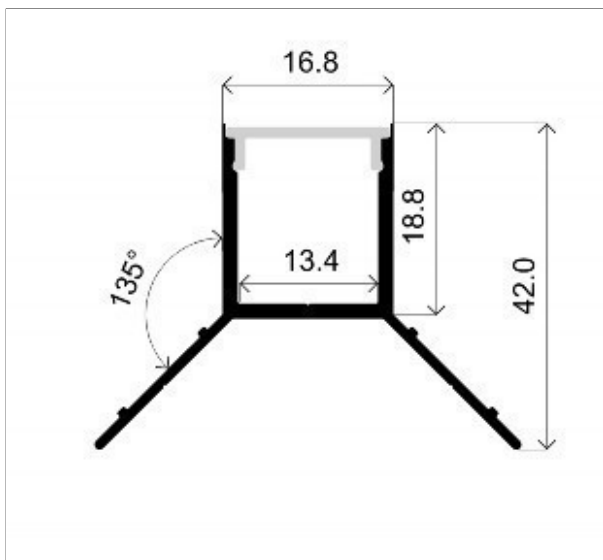
## Luminaire Property

Luminaire Manufacturer: Lighting Line  
 Luminaire Description: LLP-DW03-03 + 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: 14.06 W  
 Power Factor: 1.000

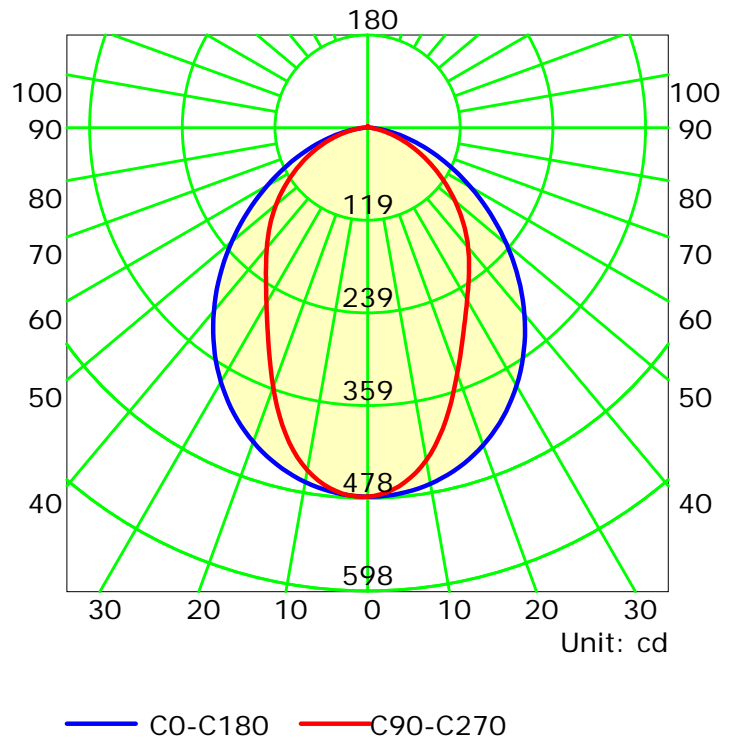
## Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 1579.0 lm
Measurement Flux: 922.7 lm	Efficiency: 58.44%
Downward Ratio: 58.26%	Upward Ratio: 0.17%
Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 152.0, 143.5, 145.3, 145.4	
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 98.4, 66.6, 74.4, 75.4	
Luminaire Efficacy Rating (LER): 65.68	Central Intensity: 476.78 cd
Max. Intensity: 476.9 cd	Pos of Max. Intensity: H270 V1
S/MH(C0/C180): 1.19	S/MH(C90/C270): 0.88

Picture Of Luminaire



Luminous Intensity Distribution Curve

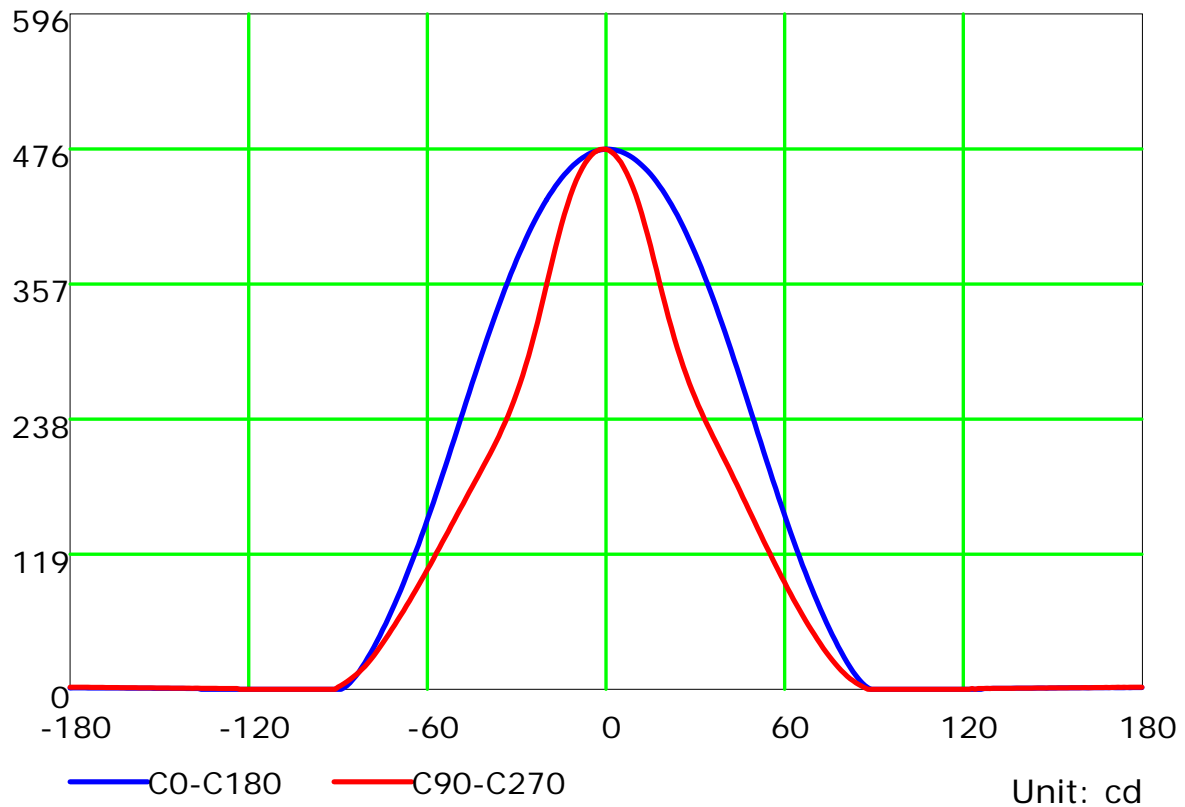
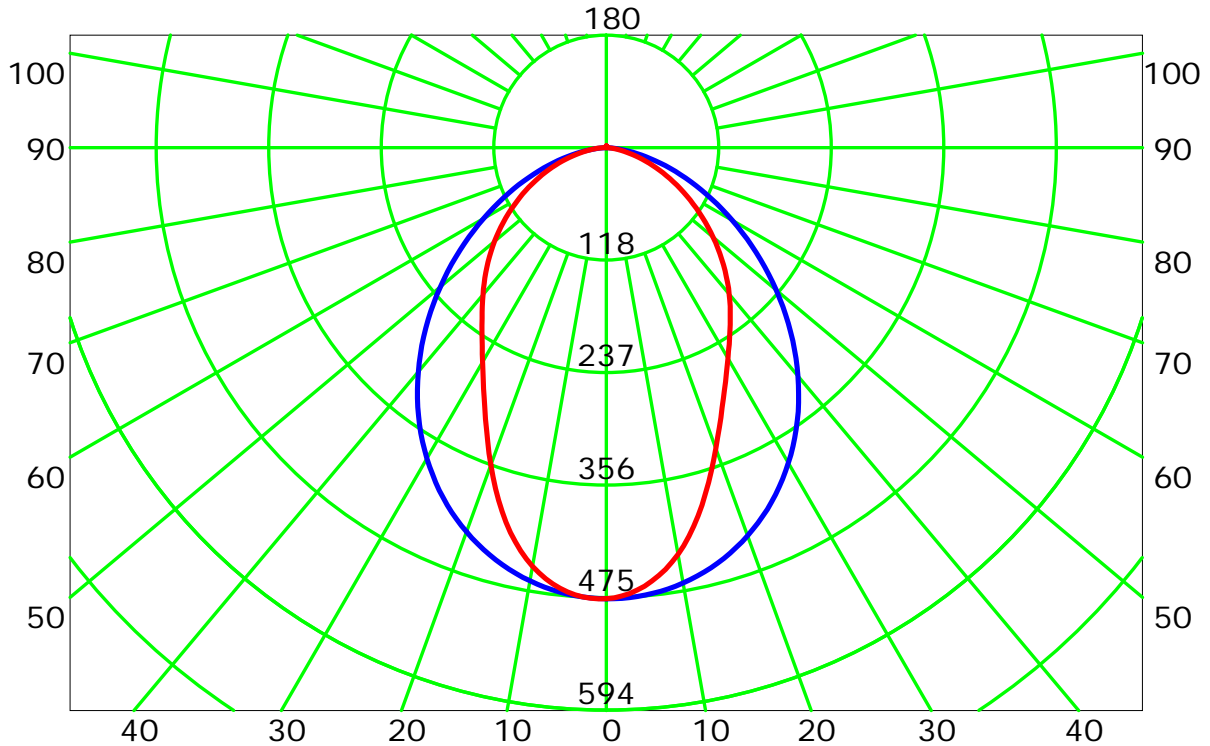


C Plane (°):0.0-360.0: 10.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

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



## Luminous Intensity Distribution Curve

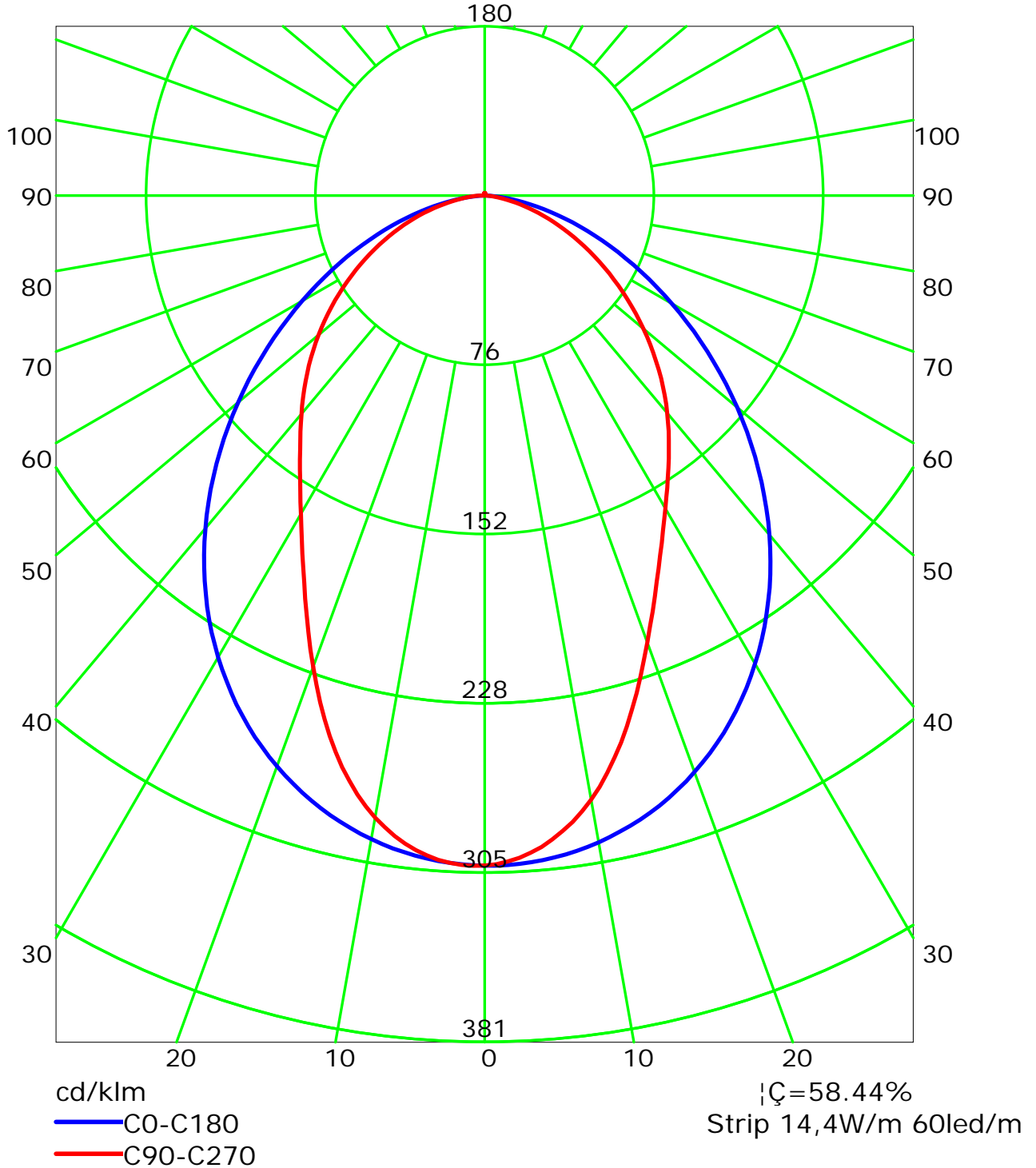


C Plane (°):0.0-360.0: 10.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

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



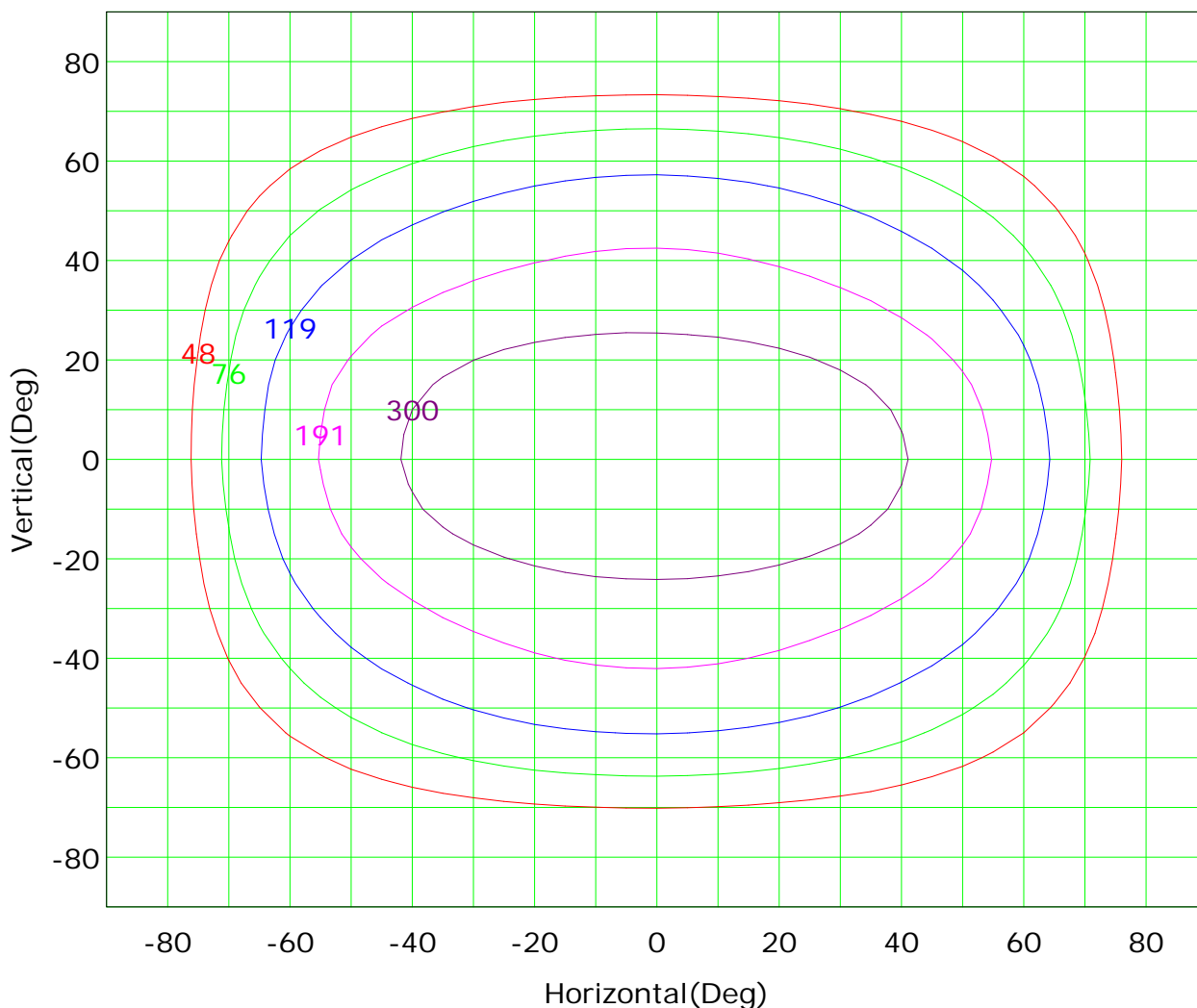
## Luminous Intensity Distribution Curve(cd/klm)



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%): 477 cd

— ( 10%):	48 cd	— ( 16%):	76 cd
— ( 25%):	119 cd	— ( 40%):	191 cd
— ( 63%):	300 cd	— (100%):	477 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

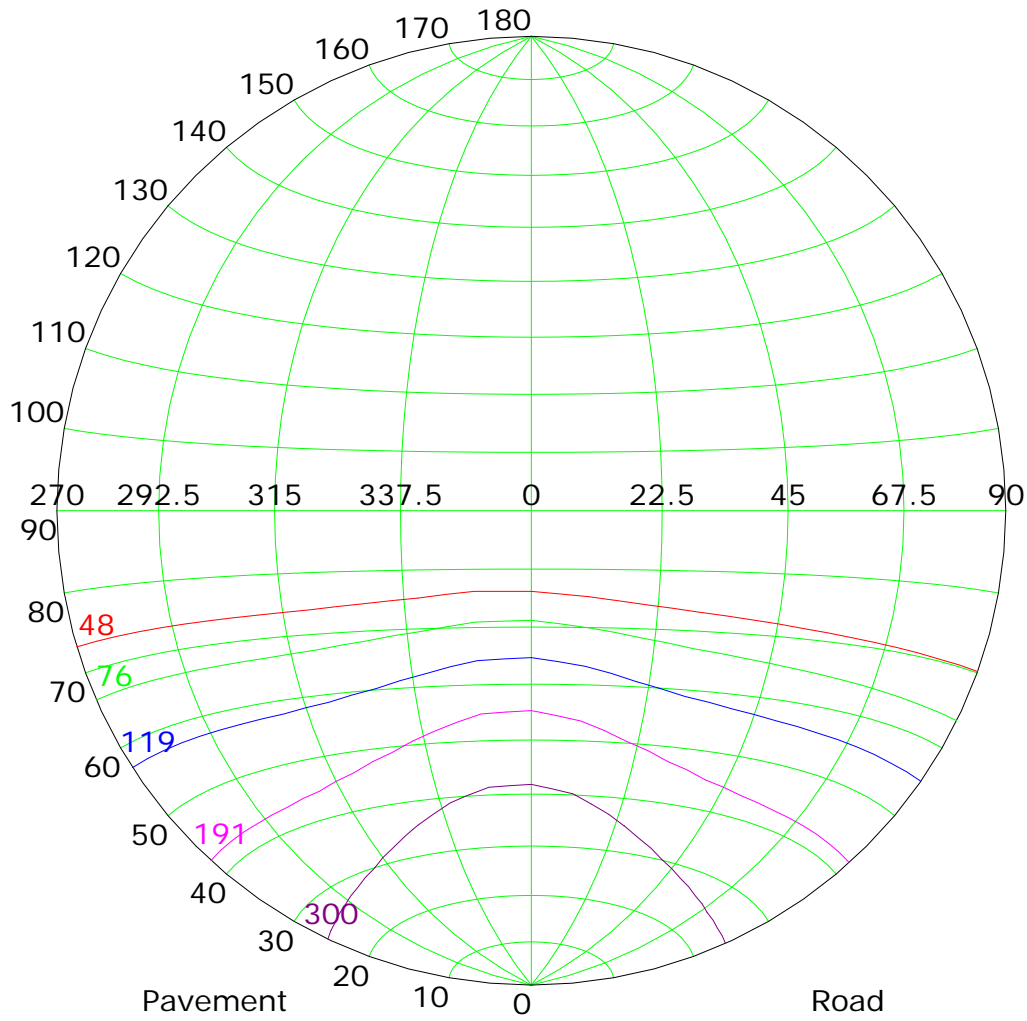
Distance: 7.970 m

Humidity:

Inspector:



## Isocandela (sphere)



Imax (100%): 477 cd

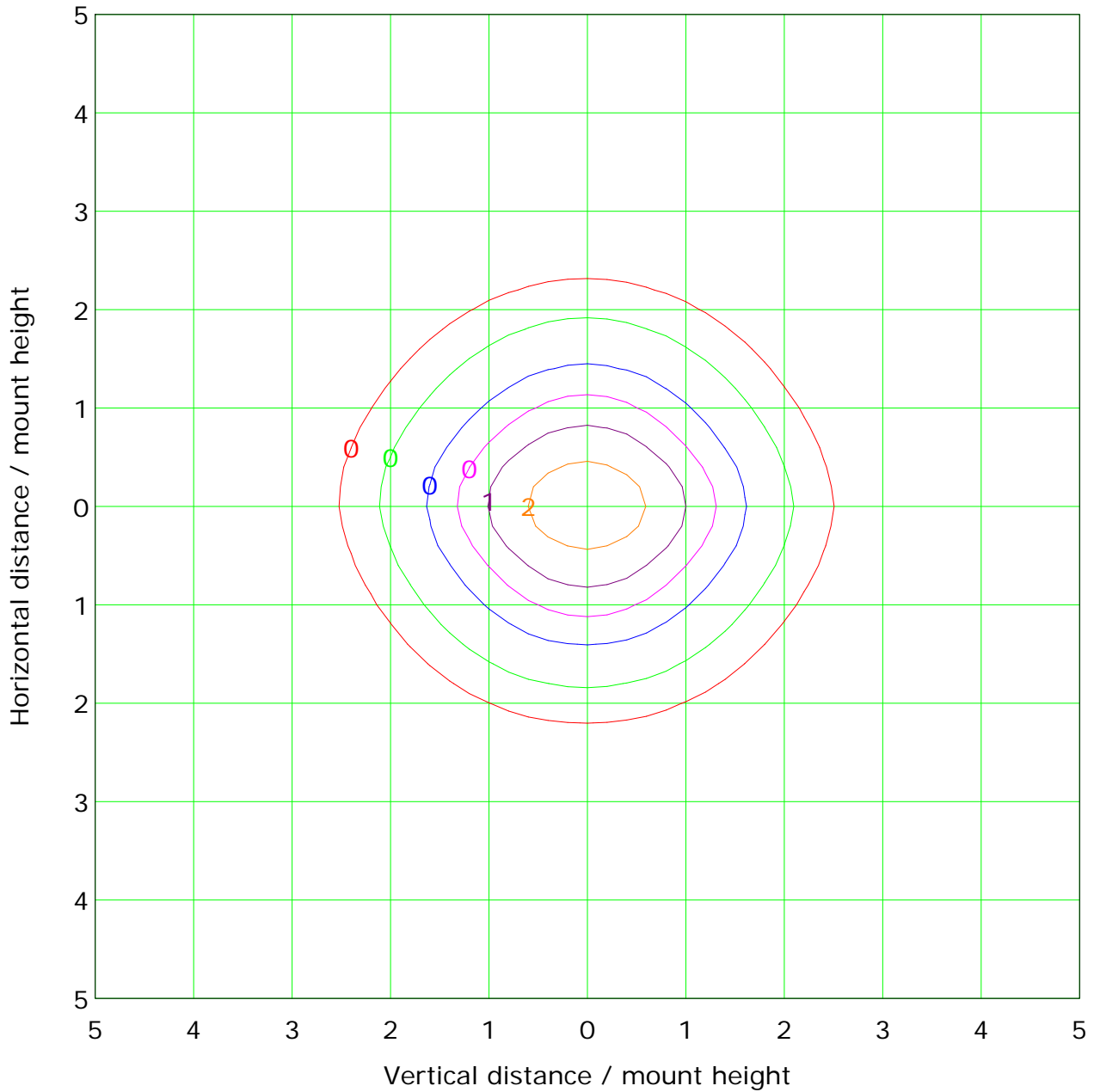
— ( 10%):	48 cd	— ( 16%):	76 cd
— ( 25%):	119 cd	— ( 40%):	191 cd
— ( 63%):	300 cd	— (100%):	477 cd

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		

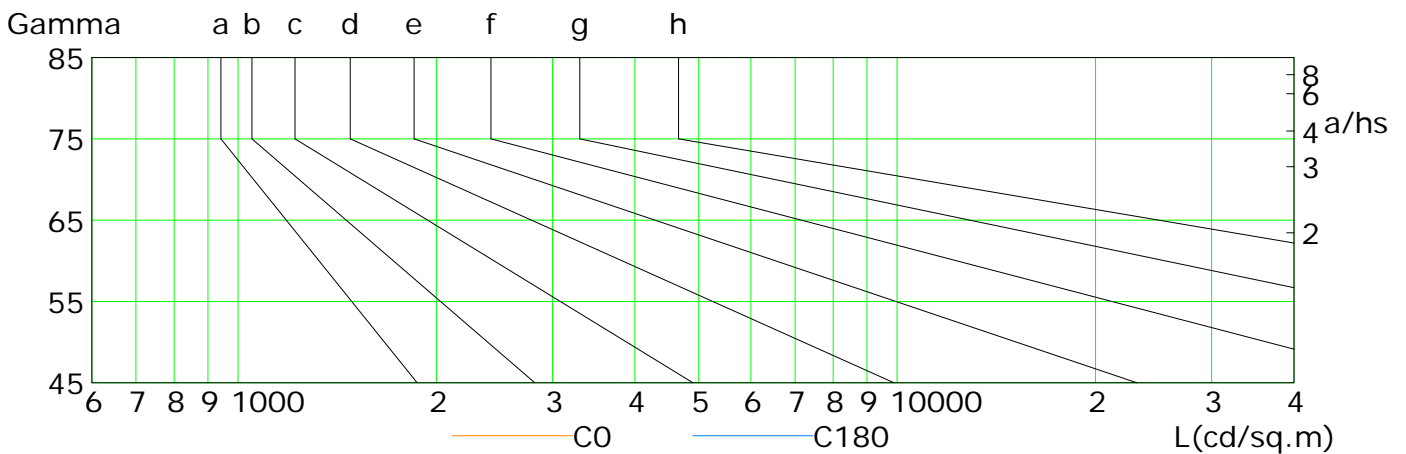
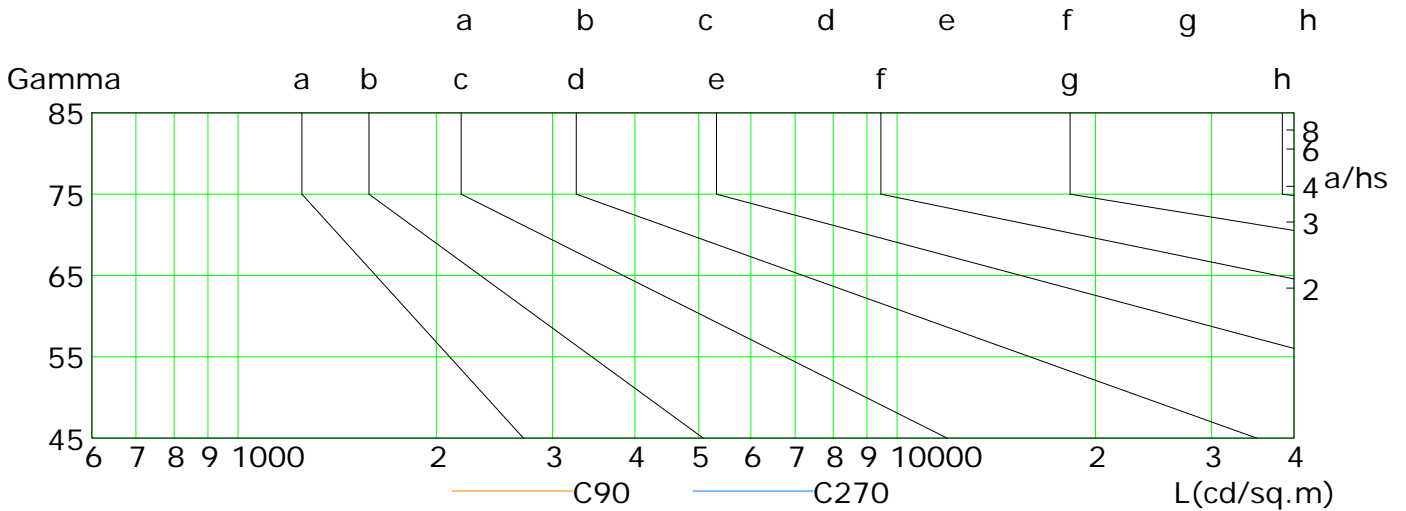
C Plane (°):0.0-360.0: 10.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

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	275	235	193	154	117	83	54	28	9
C90	175	147	120	94	70	48	29	14	4
C180	270	229	189	150	114	81	53	28	9
C270	179	154	130	106	83	61	41	23	11

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

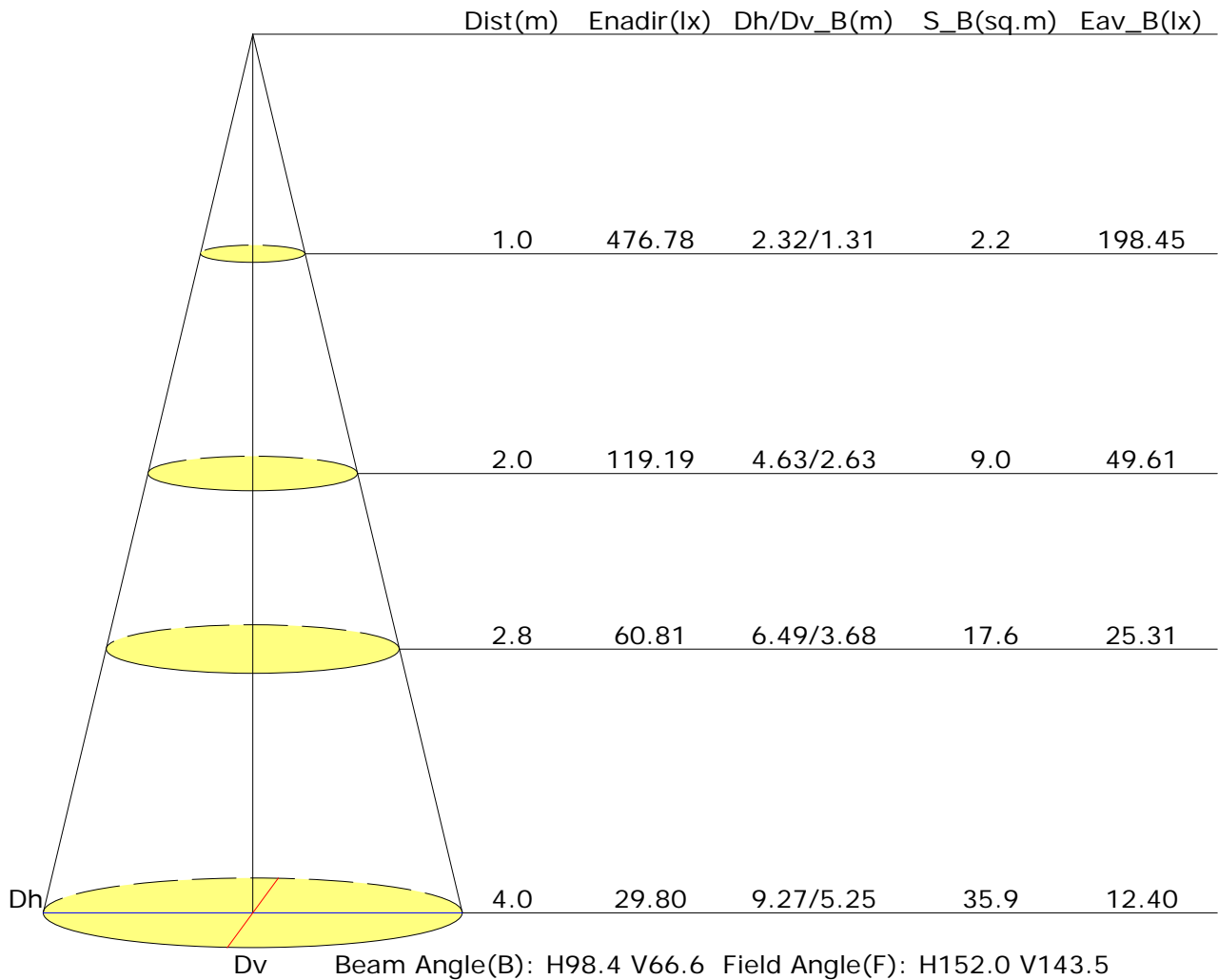
Humidity:

Inspector:



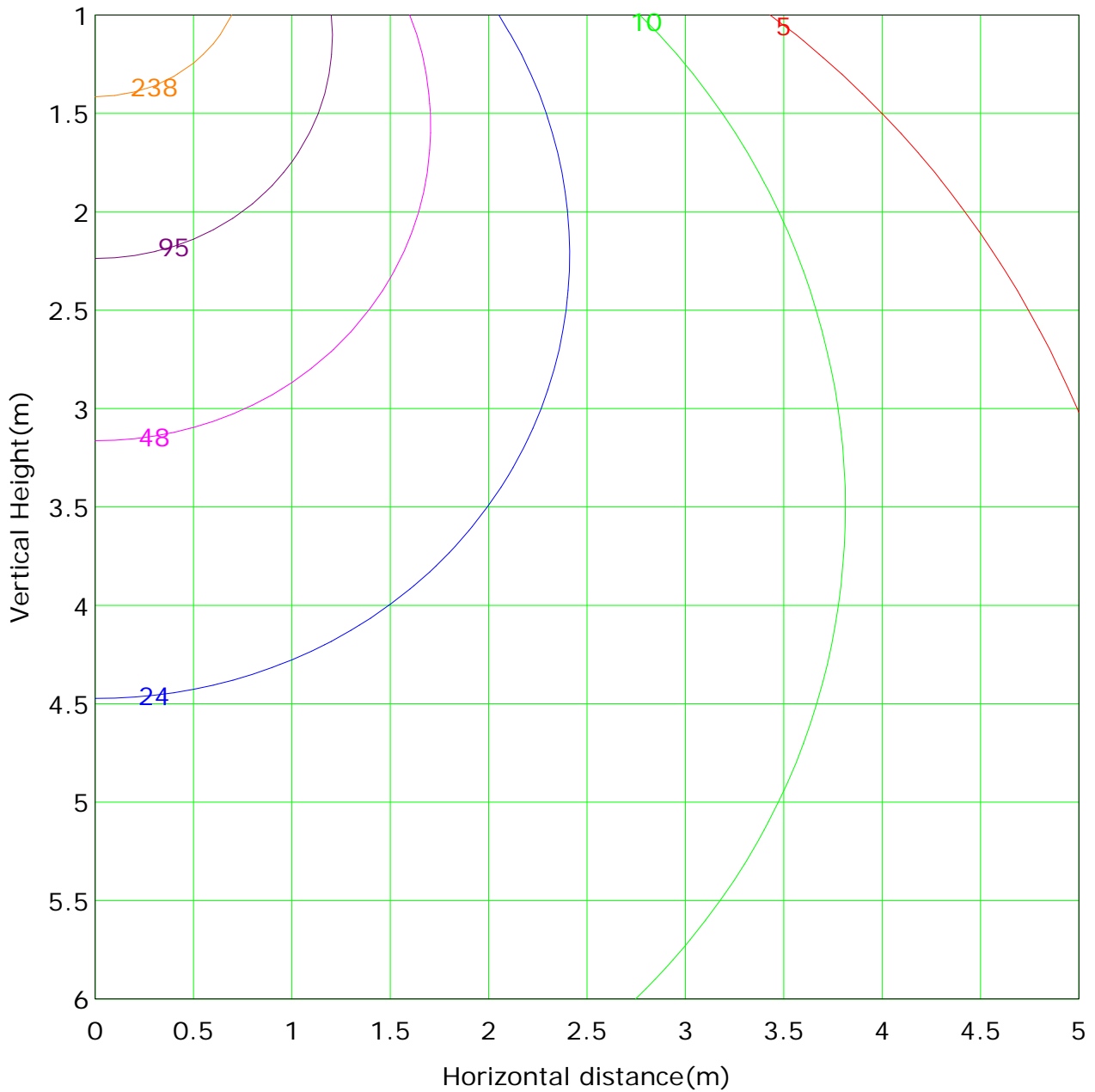


## Illuminance at a Distance





## Vertical IsoLux Plot



Lowest(m): 1.0m    Highest(m): 6.0m    Max Lux: 476.8 lx

— ( 1%): 4.8 lx	— ( 2%): 9.5 lx
— ( 5%): 23.8 lx	— ( 10%): 47.7 lx
— ( 20%): 95.4 lx	— ( 50%): 238.4 lx
— (100%): 476.8 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:



Report No.:

Test Time: 04/09/2018 17:05

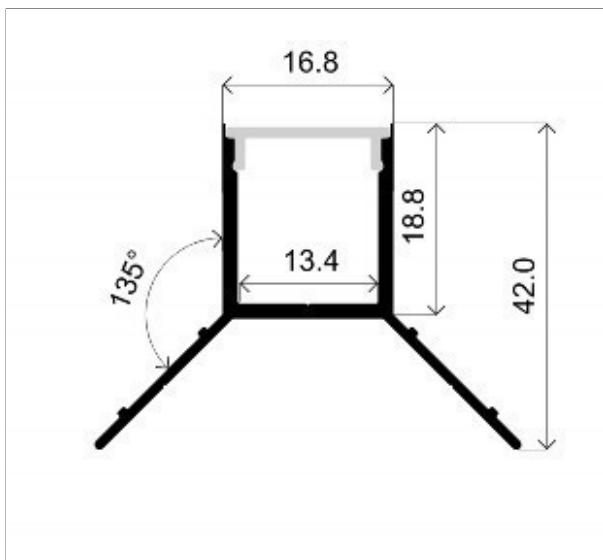
## Luminaire Property

Luminaire Manufacturer: Lighting Line  
 Luminaire Description: LLP-DW03-03 + 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: 0.593 A Power: 14.22 W  
 Power Factor: 1.000

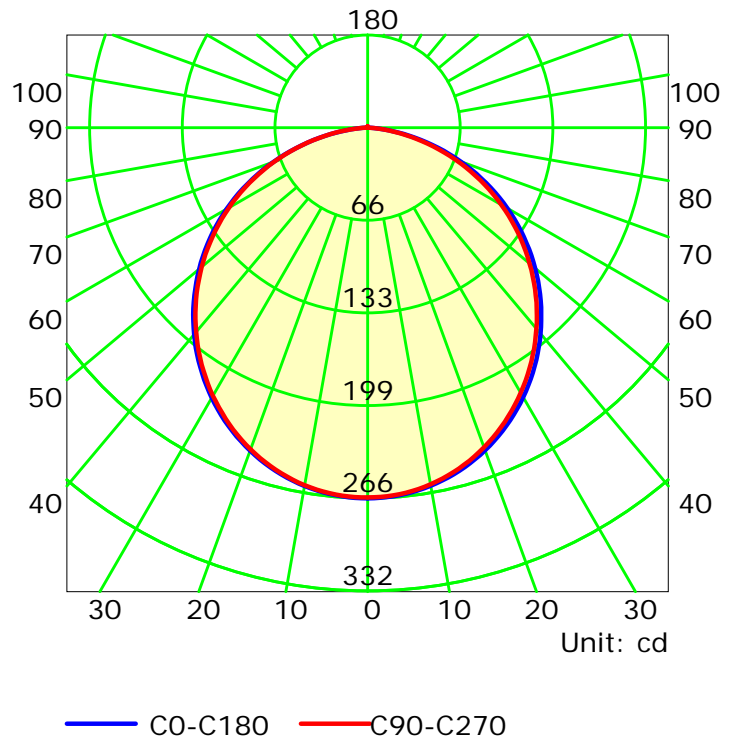
## Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 1579.0 lm
Measurement Flux: 746.3 lm	Efficiency: 47.26%
Downward Ratio: 47.11%	Upward Ratio: 0.16%
Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 160.0, 159.6, 159.8, 159.8	
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 112.2, 110.5, 111.3, 111.4	
Luminaire Efficacy Rating (LER): 52.53	Central Intensity: 266.32 cd
Max. Intensity: 266.33 cd	Pos of Max. Intensity: H0 V0
S/MH(C0/C180): 1.25	S/MH(C90/C270): 1.24

Picture Of Luminaire



Luminous Intensity Distribution Curve

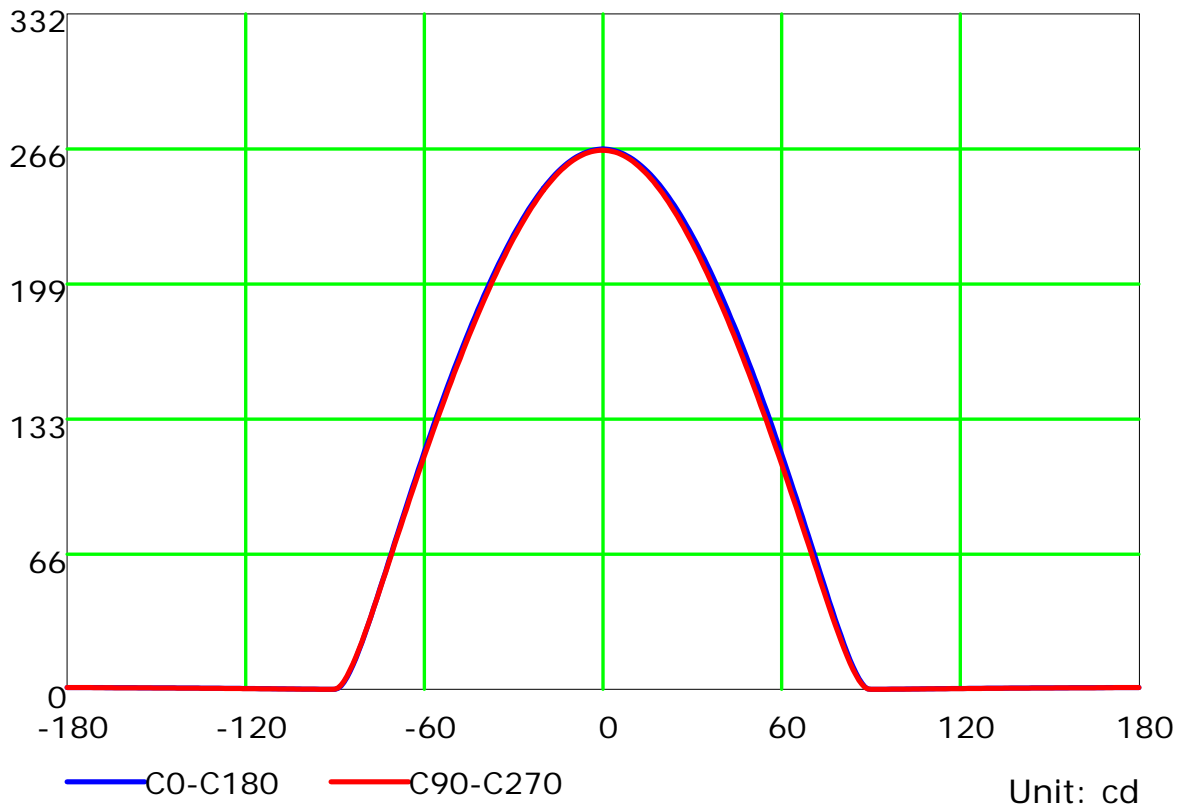
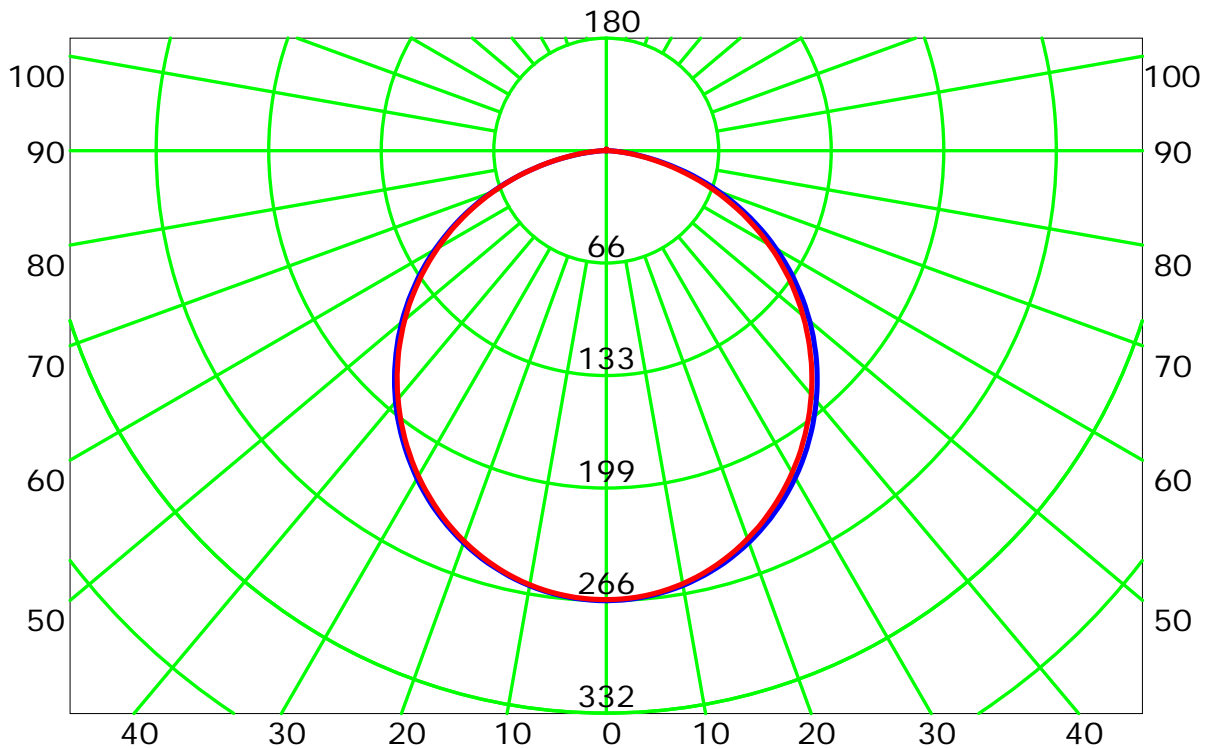


C Plane (°):0.0-360.0: 10.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

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



## Luminous Intensity Distribution Curve

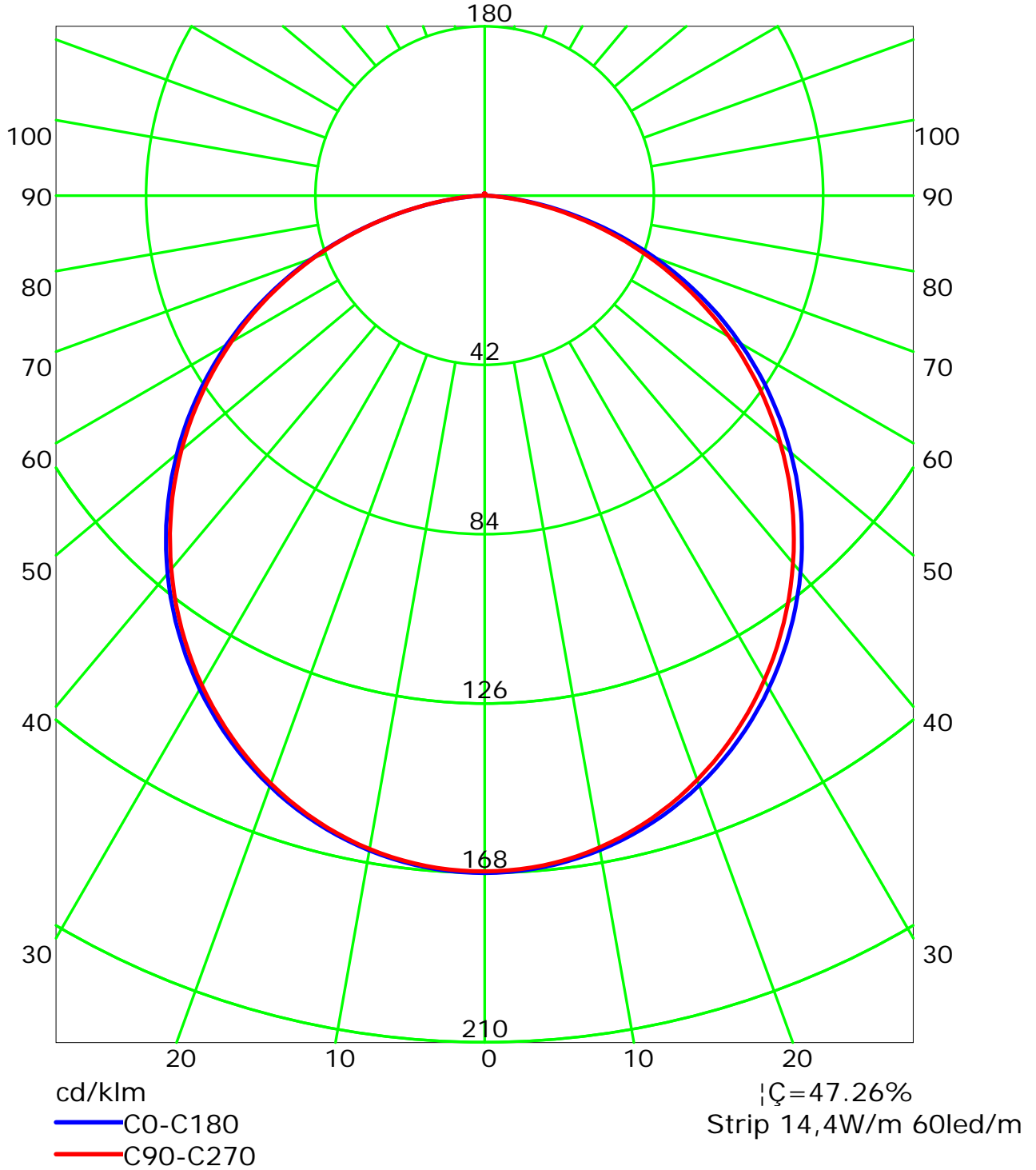


C Plane (°):0.0-360.0: 10.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

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



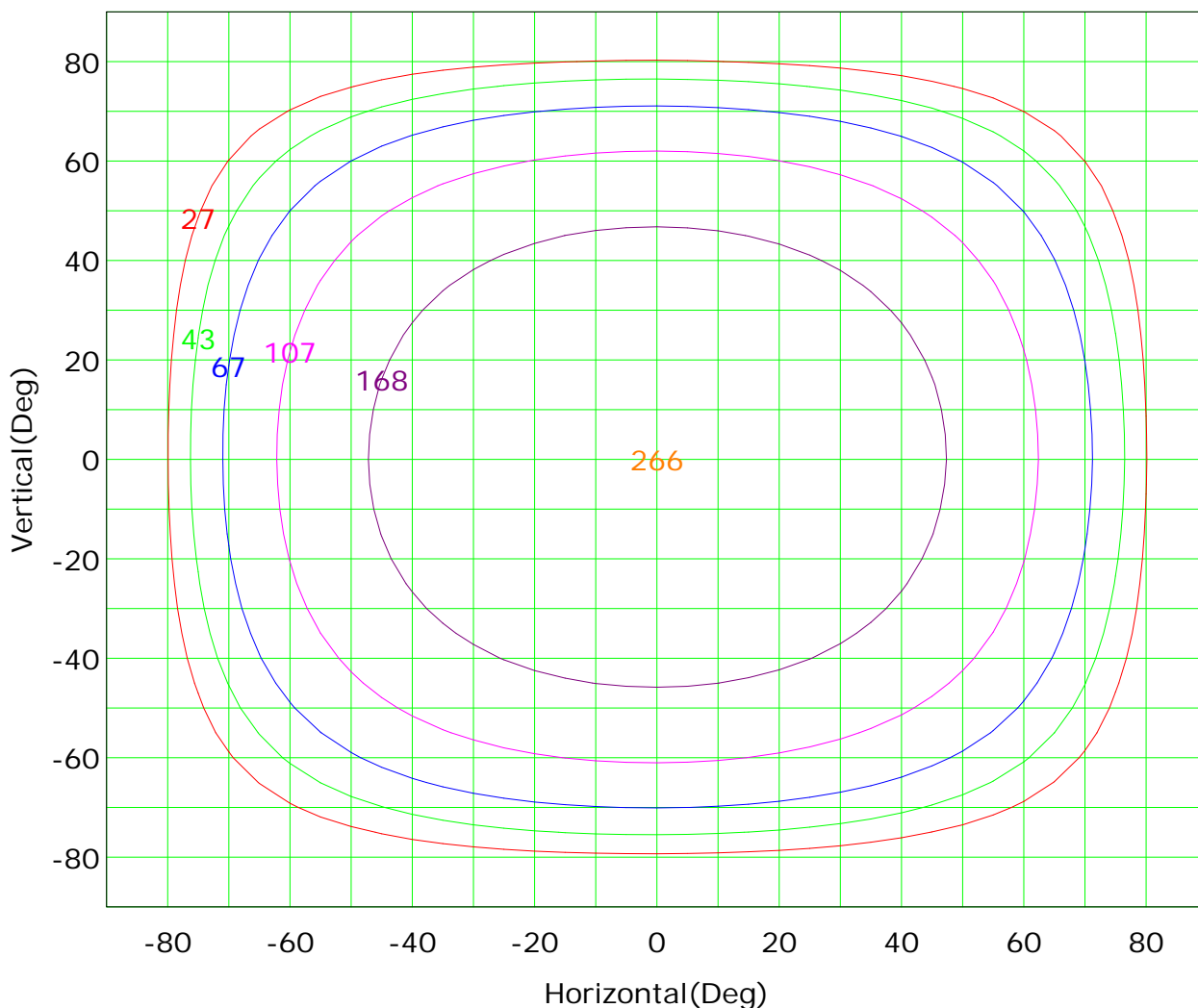
## Luminous Intensity Distribution Curve(cd/klm)



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%): 266 cd

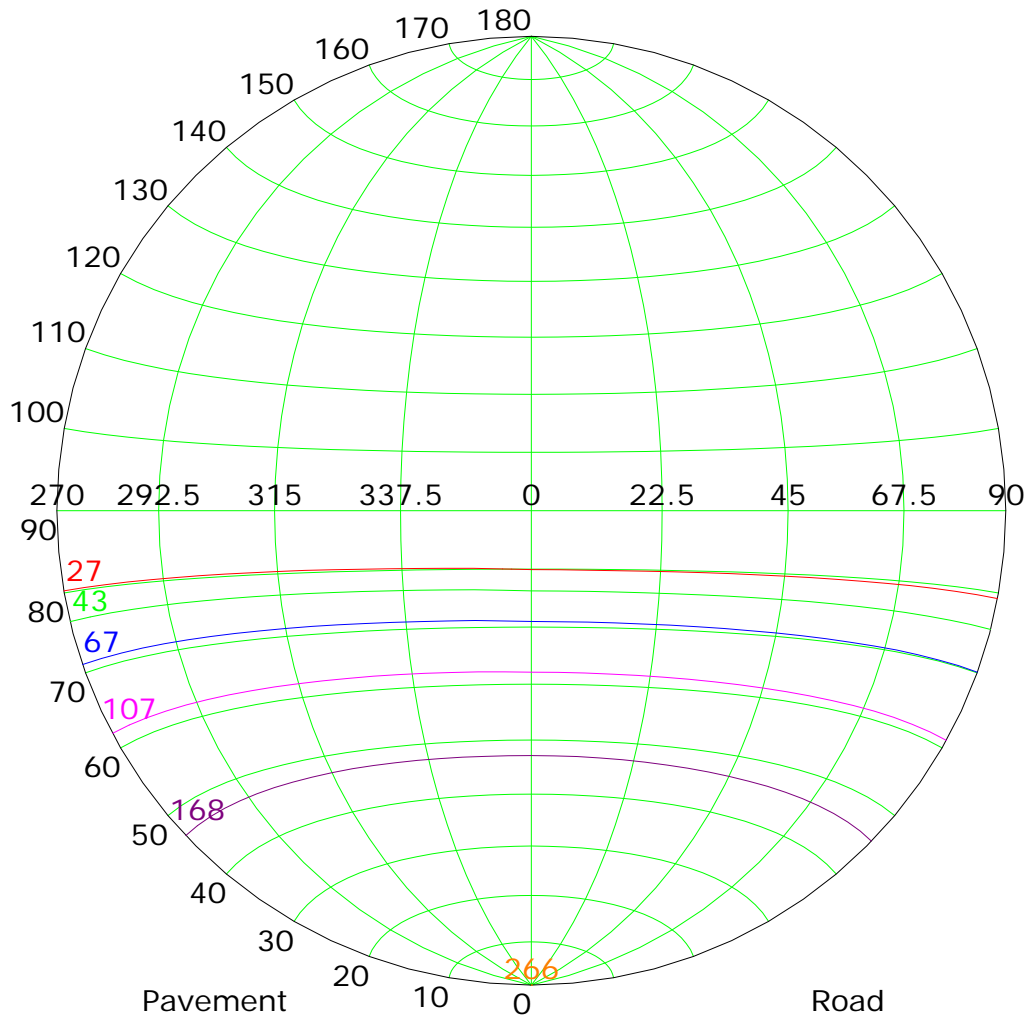
— ( 10%):	27 cd	— ( 16%):	43 cd
— ( 25%):	67 cd	— ( 40%):	107 cd
— ( 63%):	168 cd	— (100%):	266 cd

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%): 266 cd

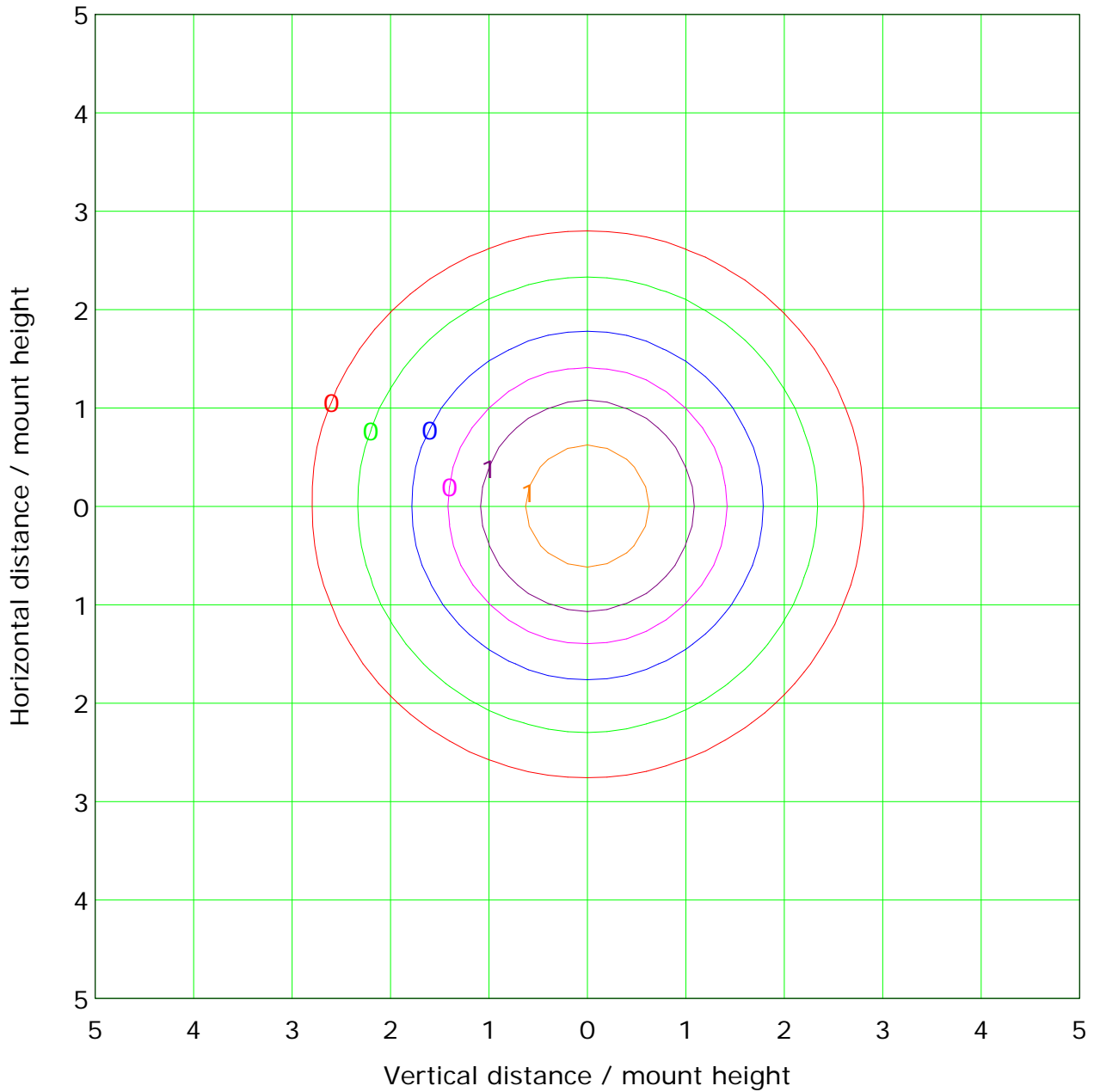
— ( 10%):	27 cd	— ( 16%):	43 cd
— ( 25%):	67 cd	— ( 40%):	107 cd
— ( 63%):	168 cd	— (100%):	266 cd

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%): 2.7 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%):	2.7 lx		

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

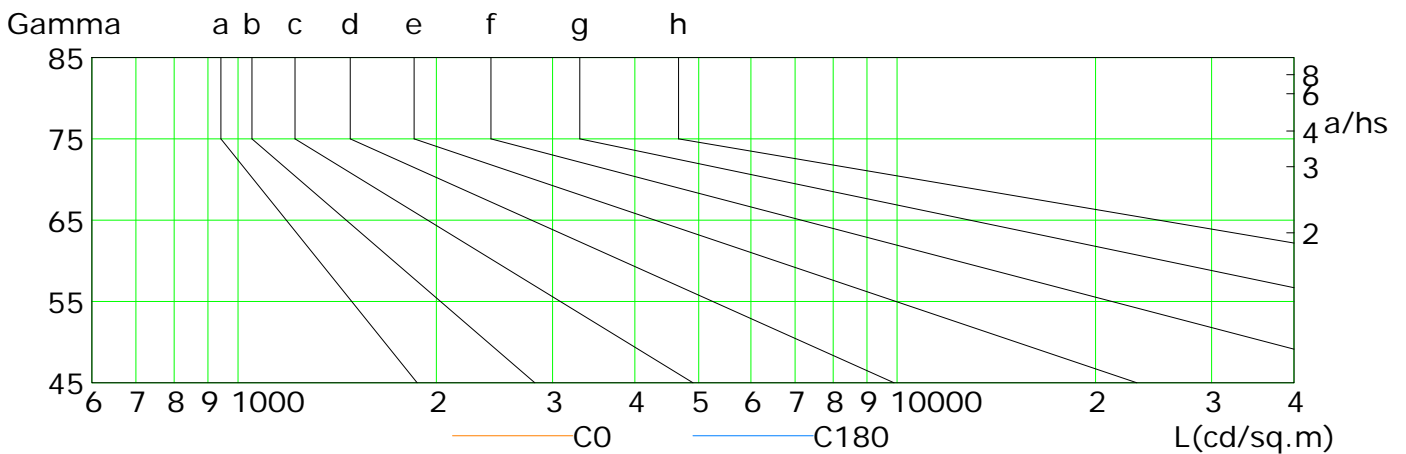
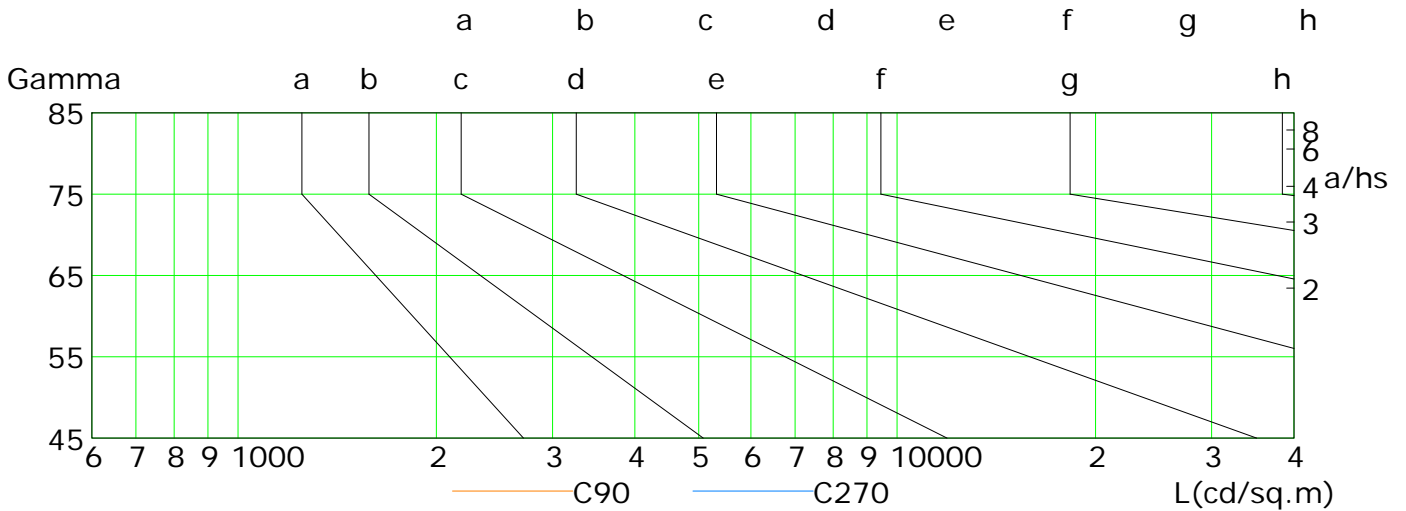
Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-2000  
 Distance: 7.970 m  
 Humidity:  
 Inspector:





## 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	176	157	137	116	94	71	48	26	8
C90	171	152	132	111	89	67	45	24	7
C180	177	158	138	117	95	72	49	27	9
C270	174	156	136	115	94	71	49	28	10

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

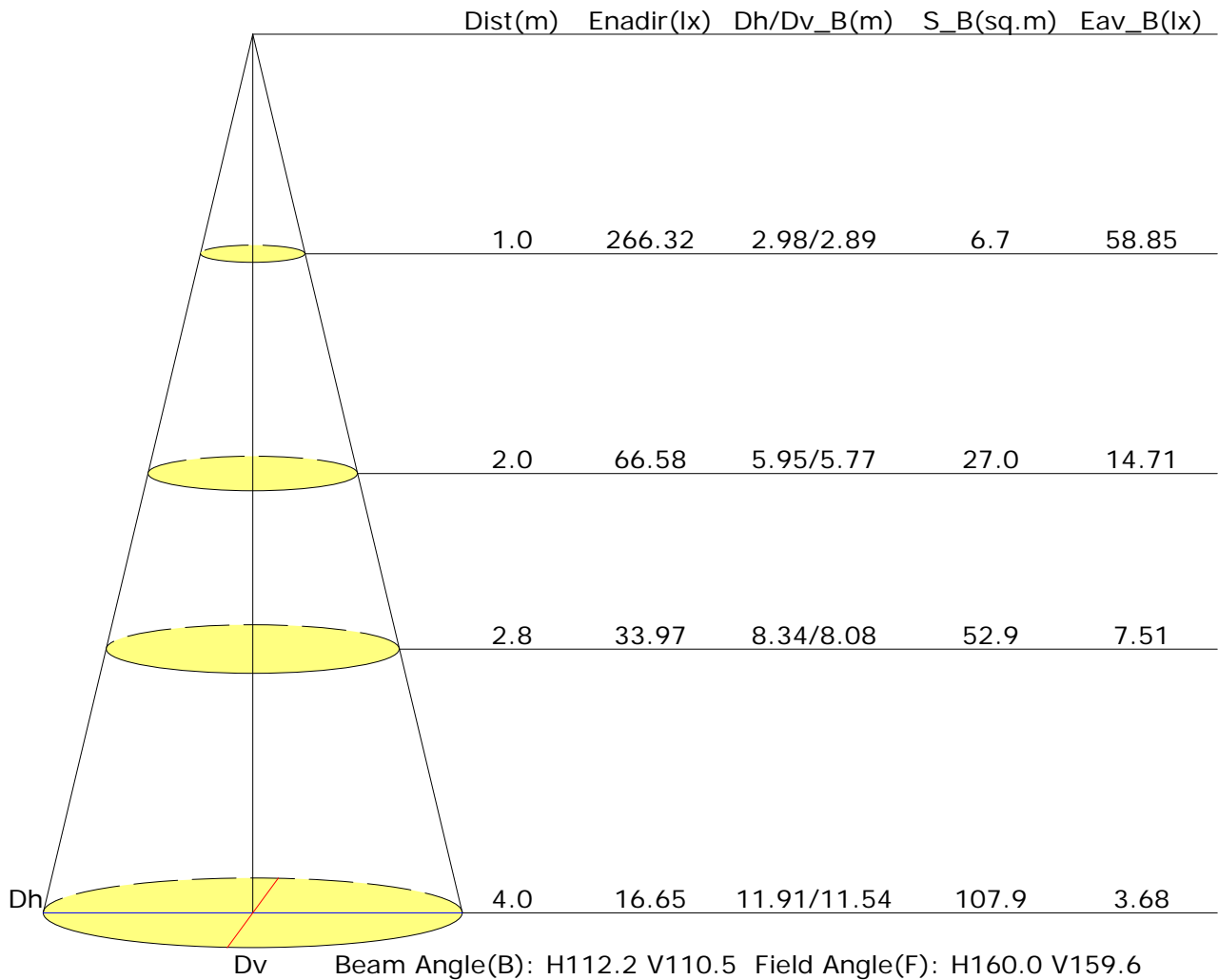
Distance: 7.970 m

Humidity:

Inspector:

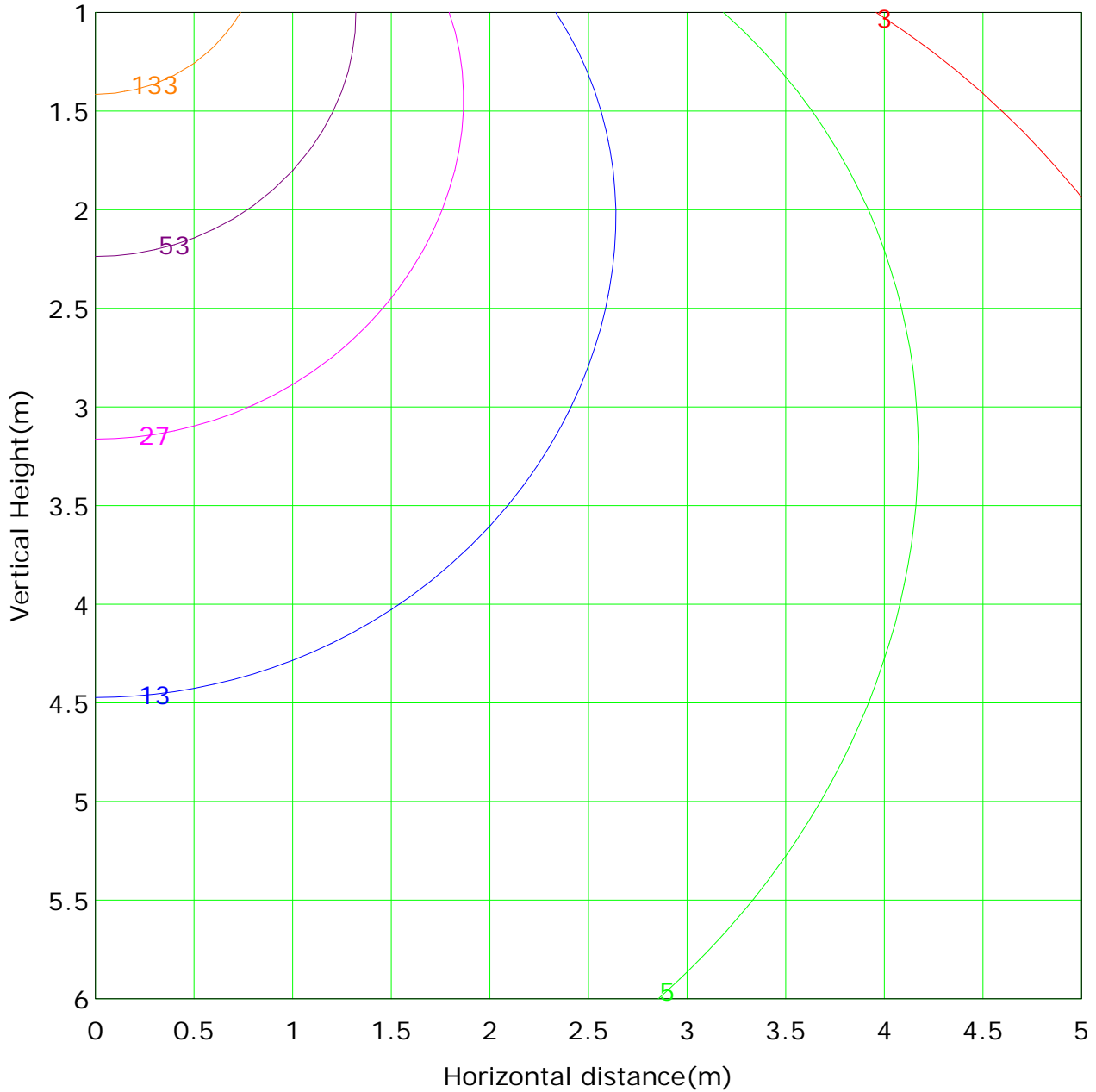


## Illuminance at a Distance





## Vertical IsoLux Plot



Lowest(m): 1.0m	Highest(m): 6.0m	Max Lux: 266.3 lx
( 1%): 2.7 lx	( 2%): 5.3 lx	( 10%): 26.6 lx
( 5%): 13.3 lx	( 20%): 53.3 lx	( 50%): 133.2 lx
(100%): 266.3 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: 05/09/2018 12:45

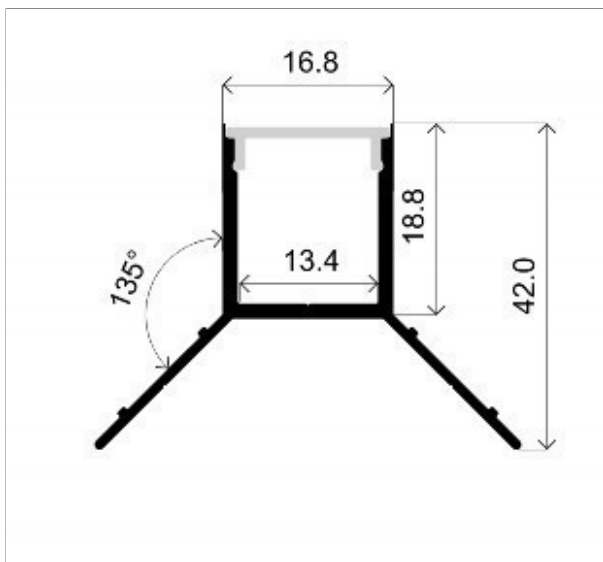
## Luminaire Property

Luminaire Manufacturer: Lighting Line  
 Luminaire Description: LLP-DW03-03 + 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: 0.588 A Power: 14.11 W  
 Power Factor: 1.000

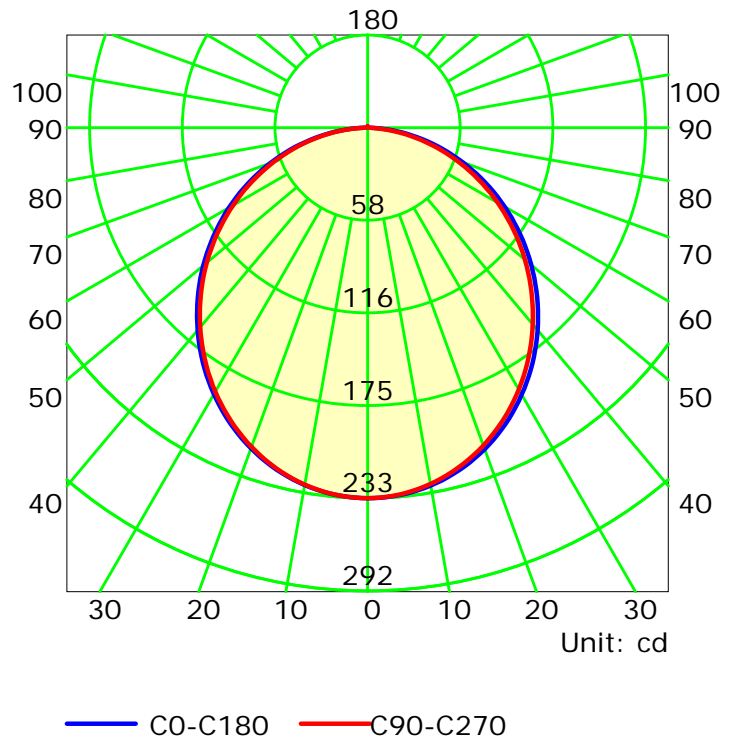
## Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 1579.0 lm
Measurement Flux: 651.6 lm	Efficiency: 41.27%
Downward Ratio: 41.13%	Upward Ratio: 0.13%
Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 163.5, 161.8, 162.4, 162.5	
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 110.6, 108.3, 109.2, 109.4	
Luminaire Efficacy Rating (LER): 46.23	Central Intensity: 233.61 cd
Max. Intensity: 233.67 cd	Pos of Max. Intensity: H30 V0
S/MH(C0/C180): 1.24	S/MH(C90/C270): 1.22

Picture Of Luminaire



Luminous Intensity Distribution Curve

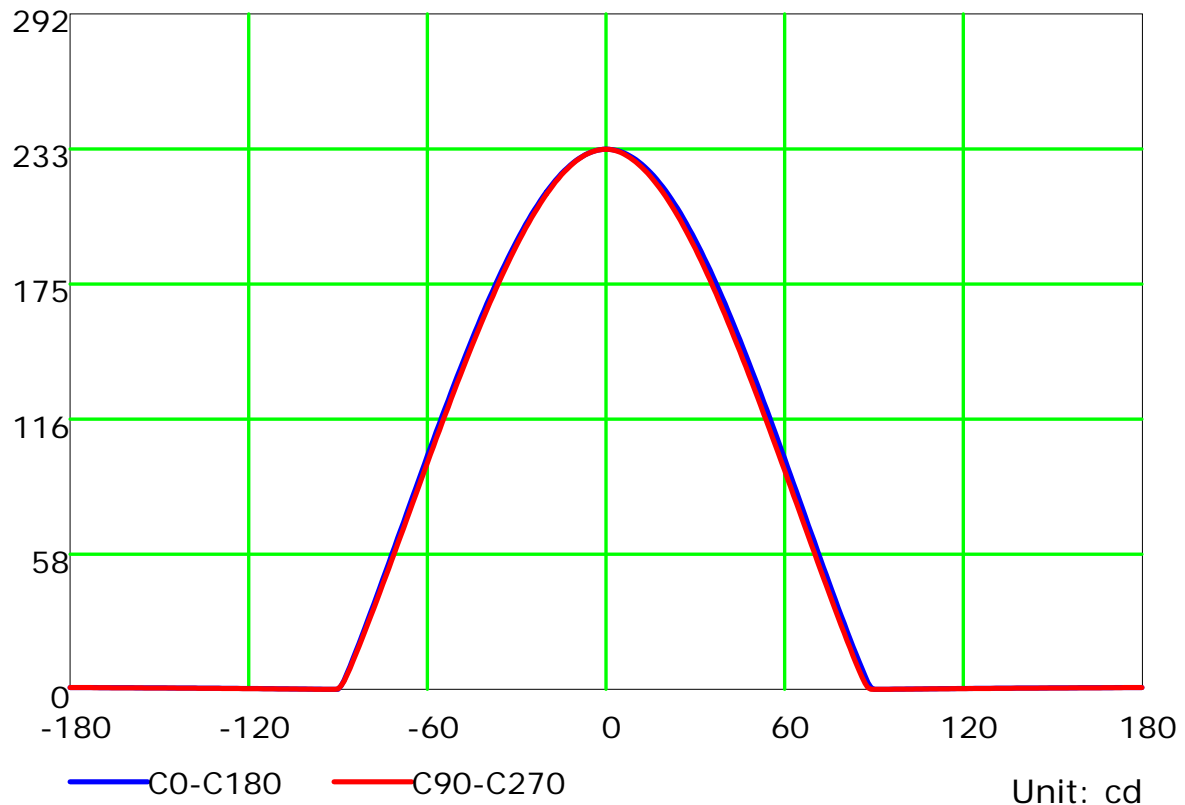
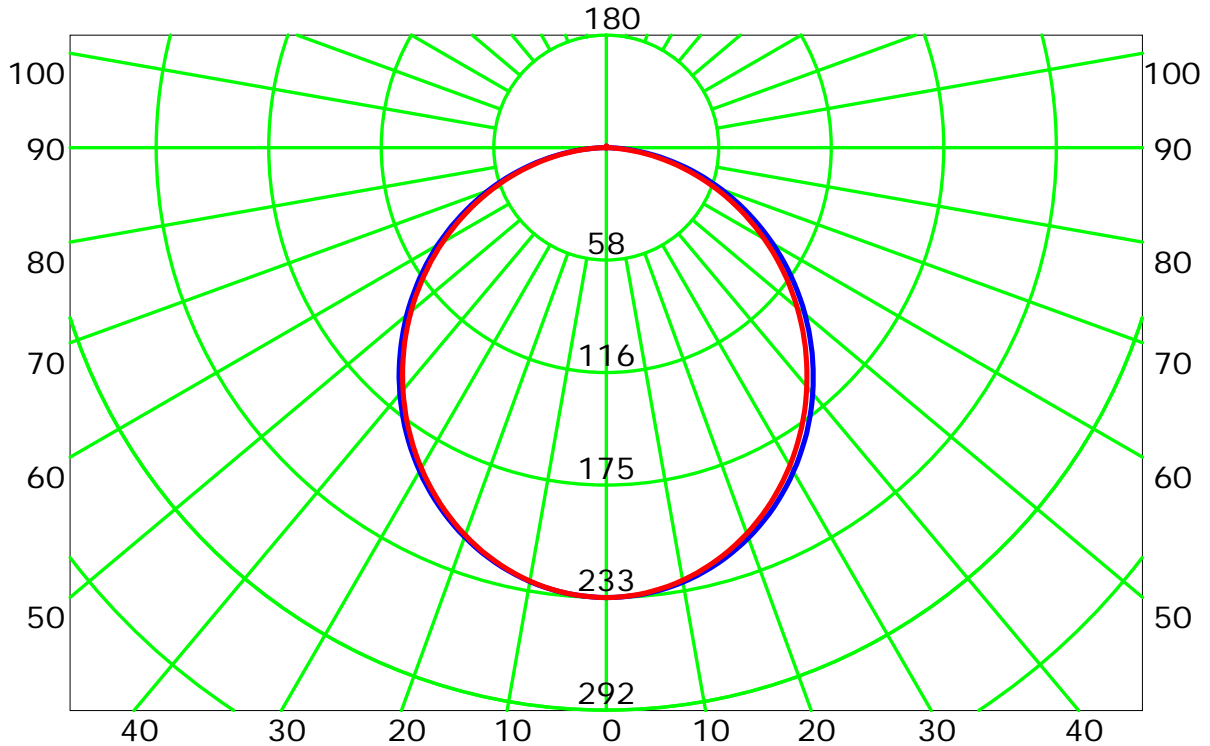


C Plane (°):0.0-360.0: 10.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

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



## Luminous Intensity Distribution Curve

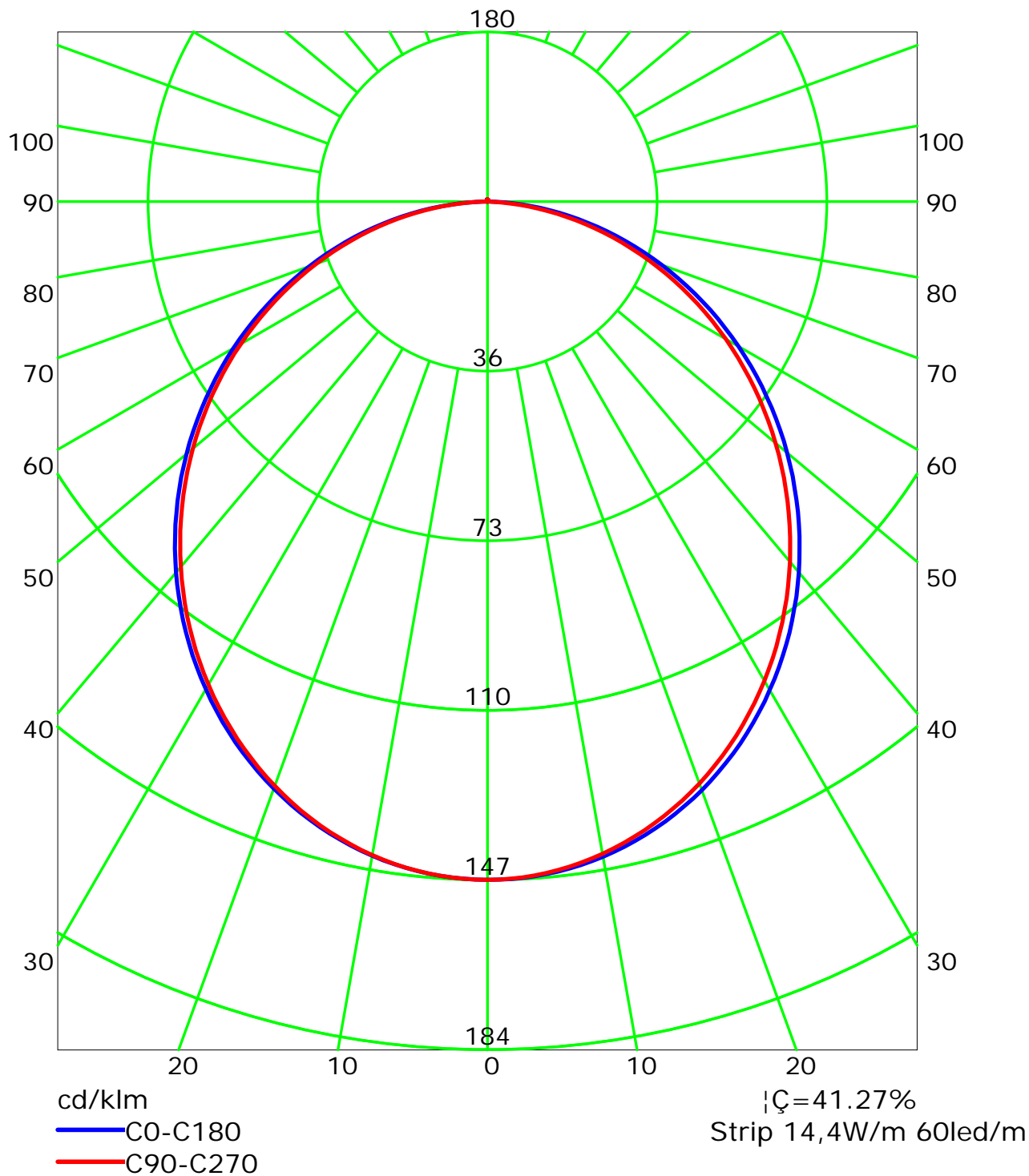


C Plane (°):0.0-360.0: 10.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

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



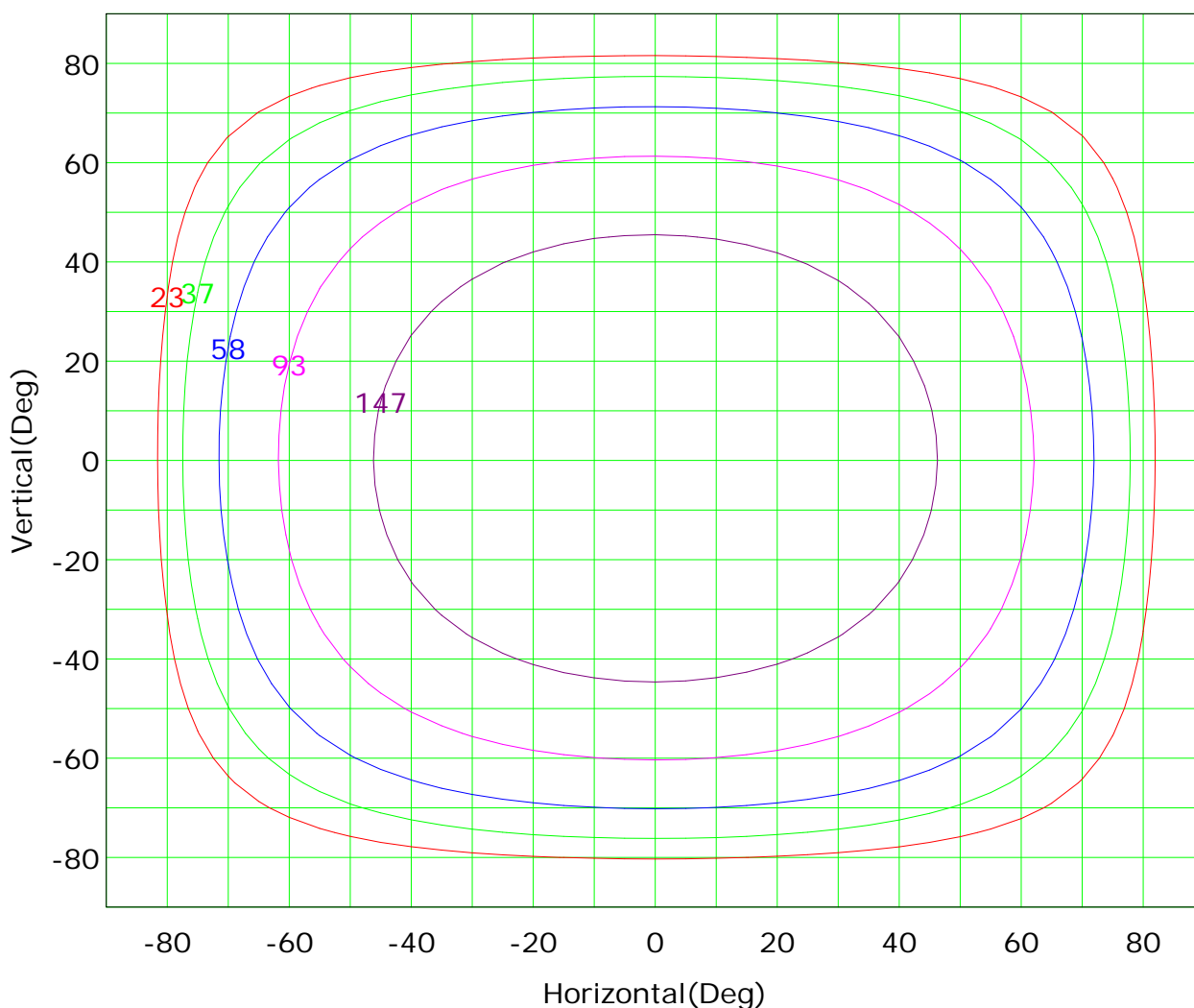
## Luminous Intensity Distribution Curve(cd/klm)



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%): 234 cd

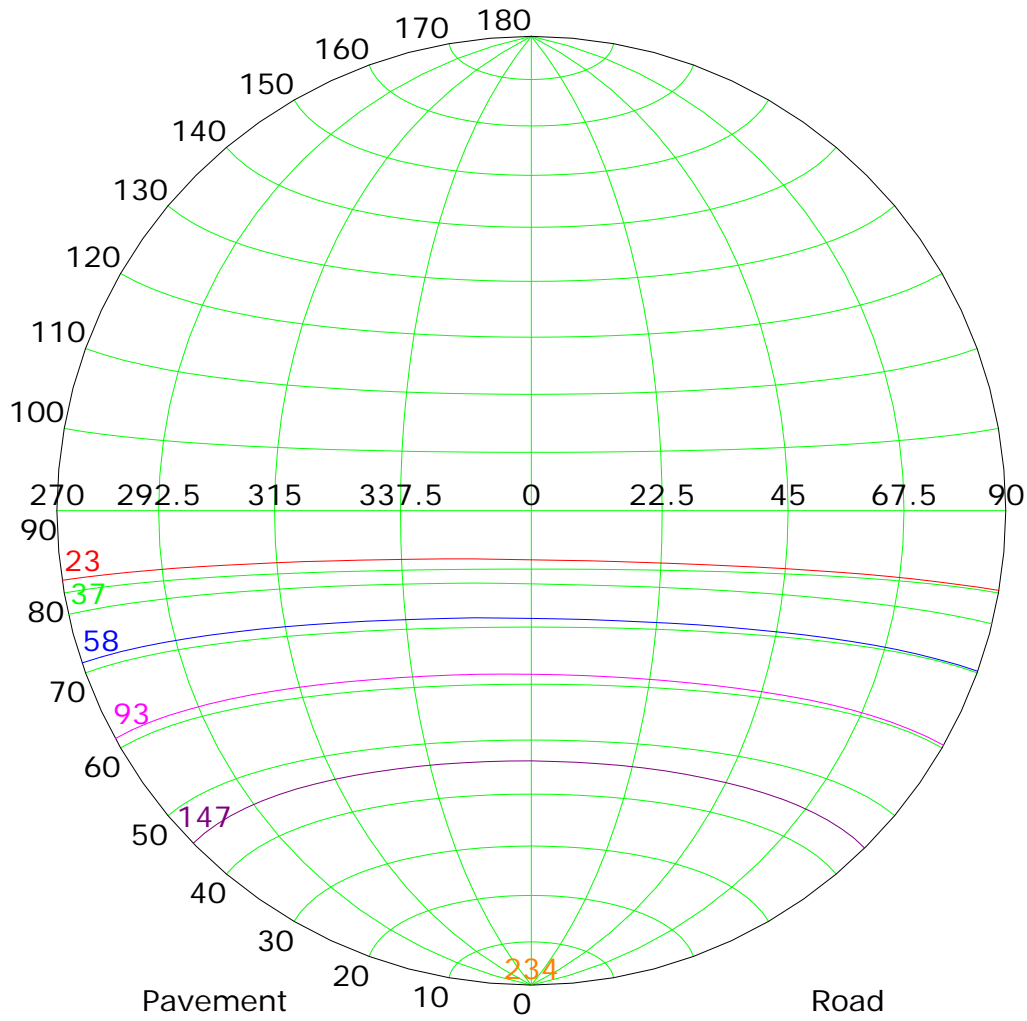
— ( 10%):	23 cd	— ( 16%):	37 cd
— ( 25%):	58 cd	— ( 40%):	93 cd
— ( 63%):	147 cd	— (100%):	234 cd

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%): 234 cd

— ( 10%):	23 cd	— ( 16%):	37 cd
— ( 25%):	58 cd	— ( 40%):	93 cd
— ( 63%):	147 cd	— (100%):	234 cd

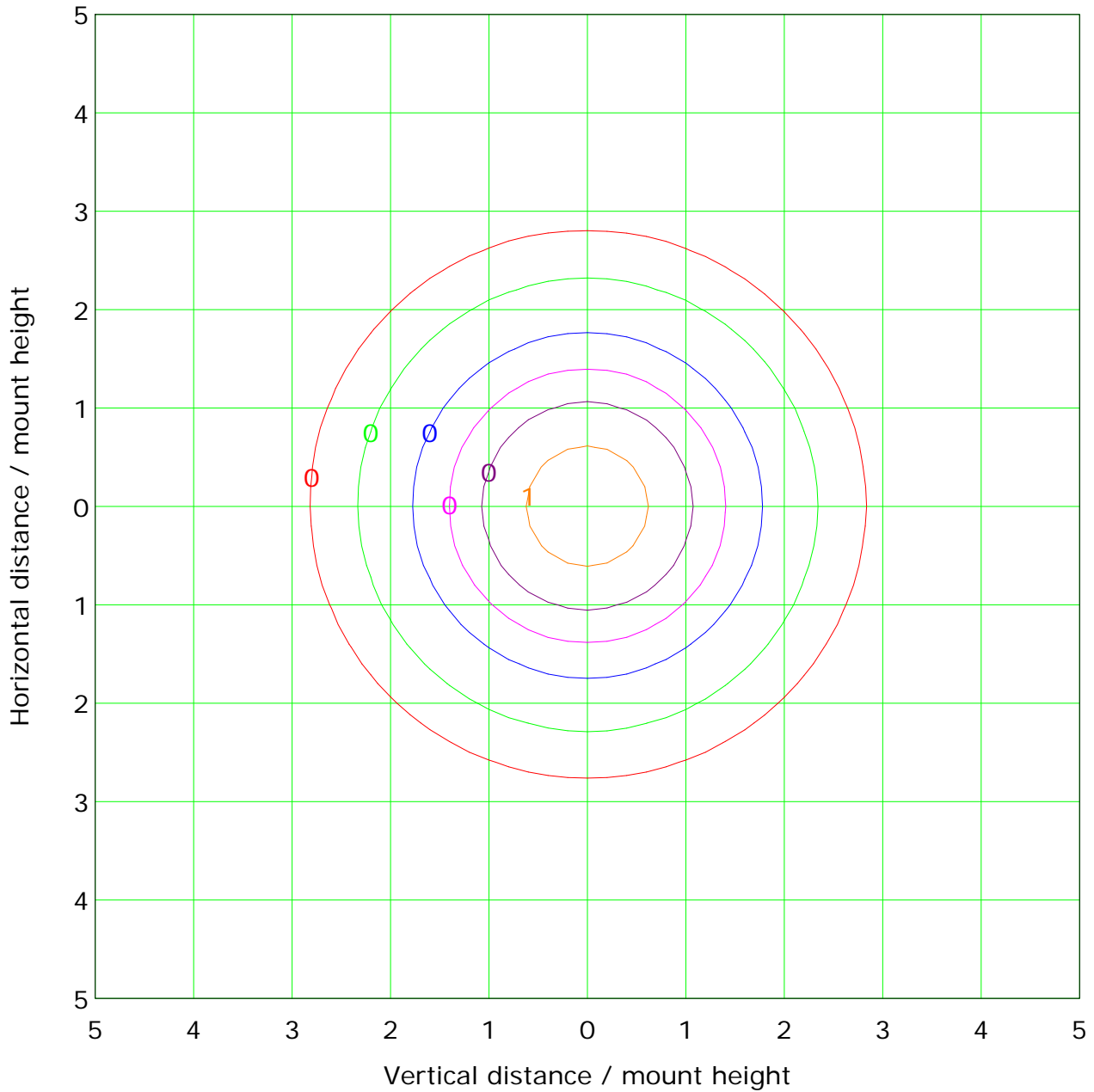
C Plane (°):0.0-360.0: 10.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

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%): 2.3 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%):	2.3 lx		

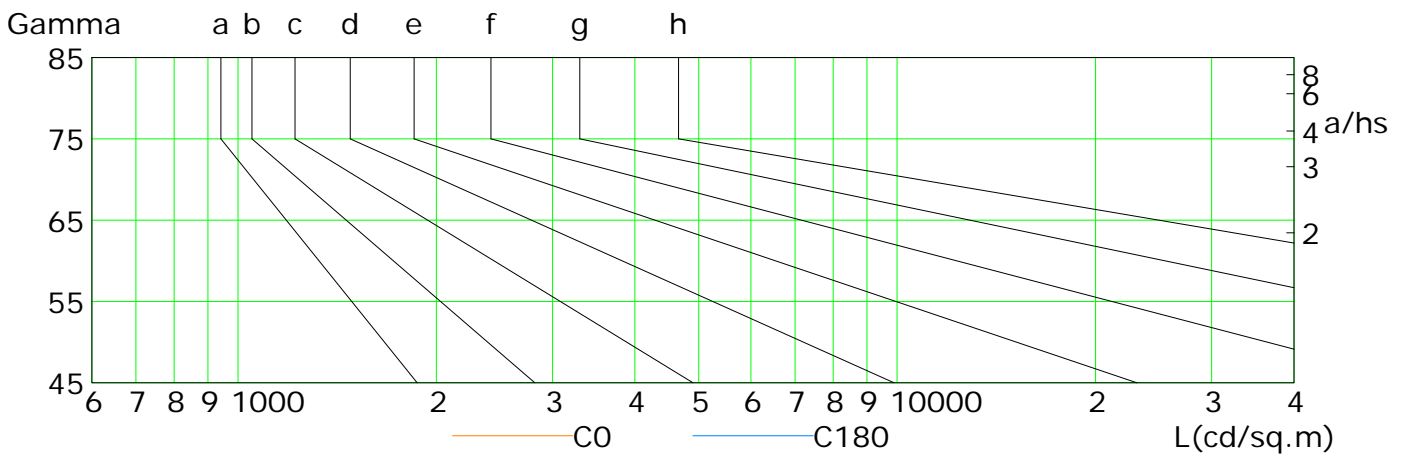
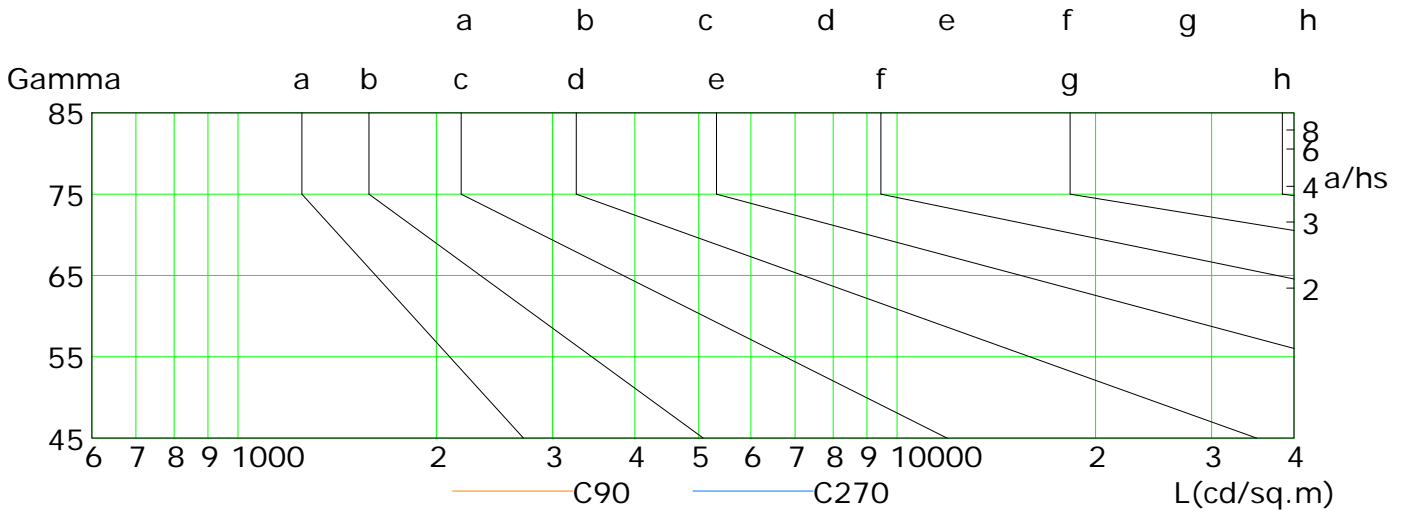
C Plane (°):0.0-360.0: 10.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

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



## 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	151	135	117	100	82	64	46	29	12
C90	146	129	112	95	77	59	41	24	8
C180	151	135	118	101	83	65	48	30	13
C270	149	132	116	98	80	63	45	28	12

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

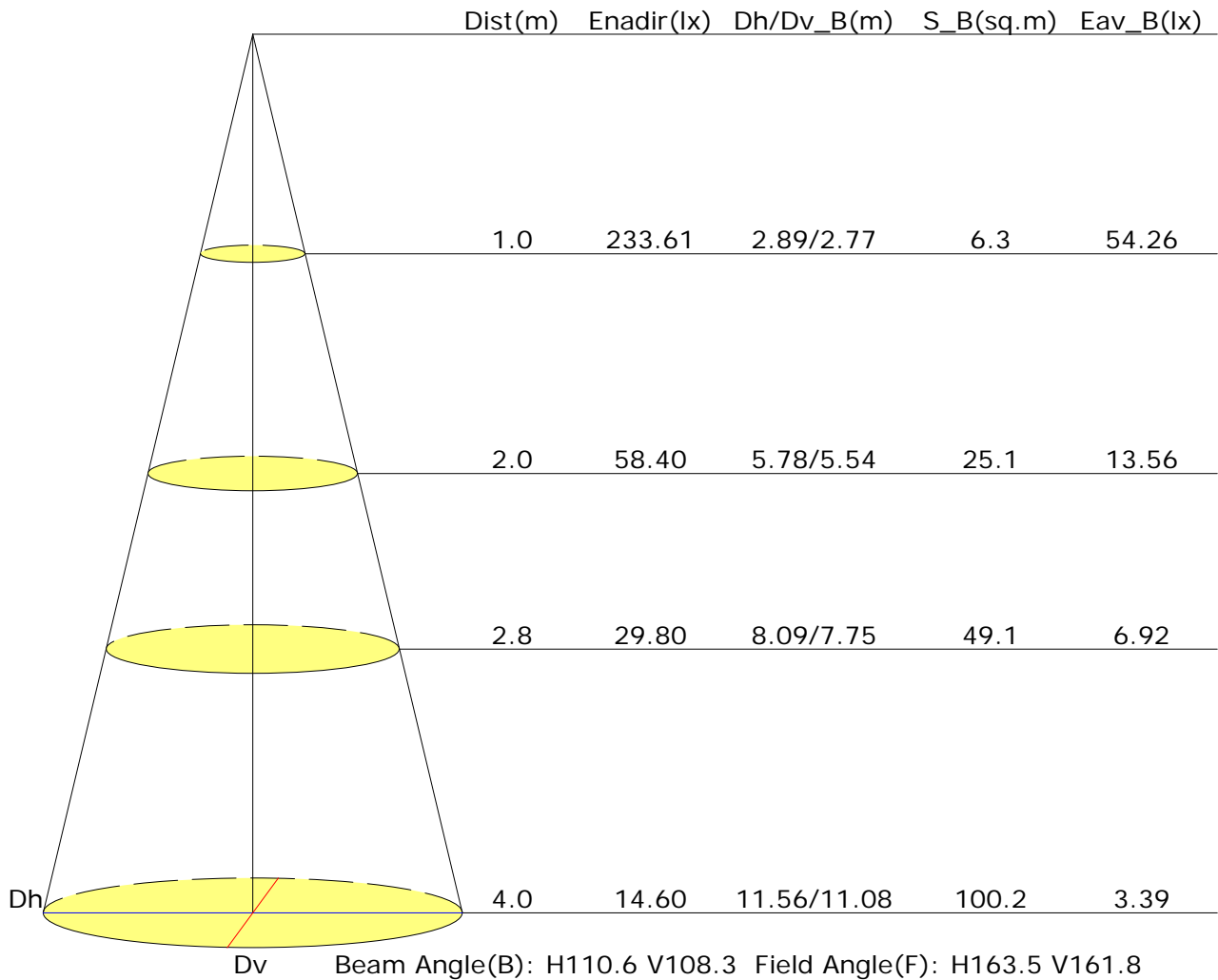
Distance: 7.970 m

Humidity:

Inspector:

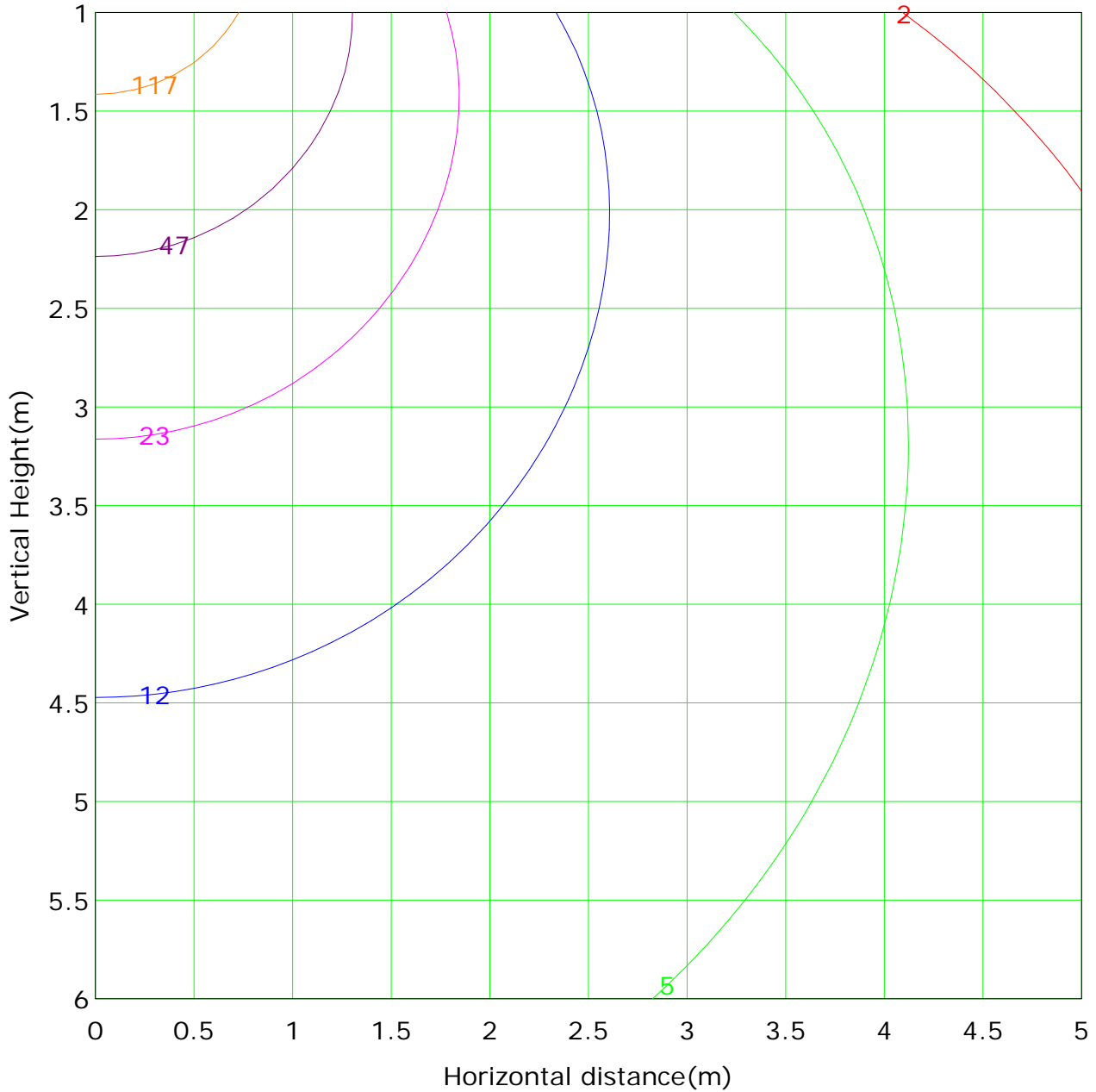


## Illuminance at a Distance





## Vertical IsoLux Plot



Lowest(m): 1.0m	Highest(m): 6.0m	Max Lux: 233.6 lx
( 1%): 2.3 lx	( 2%): 4.7 lx	( 10%): 23.4 lx
( 5%): 11.7 lx	( 20%): 46.7 lx	( 50%): 116.8 lx
(100%): 233.6 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:



Report No.:

Test Time: 27/09/2018 14:49

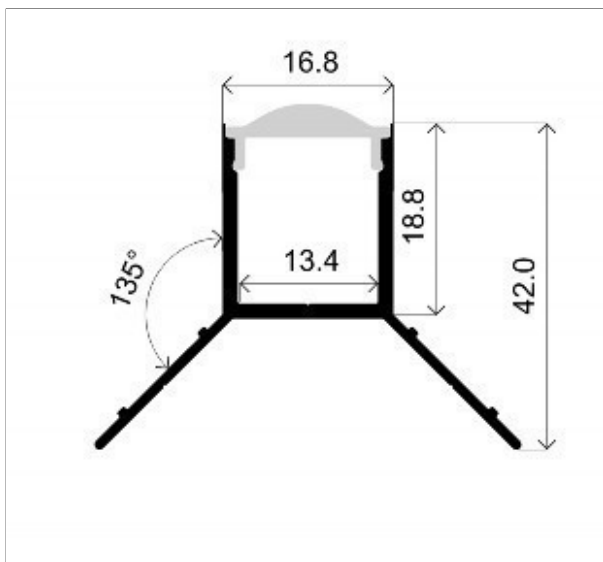
## Luminaire Property

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: 0.586 A Power: 14.06 W  
 Power Factor: 1.000

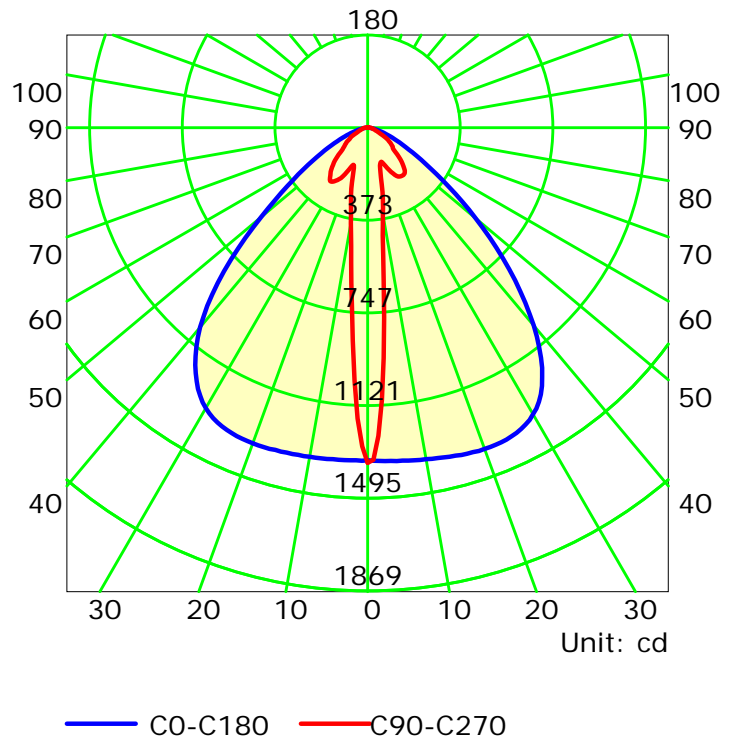
## Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 1579.0 lm
Measurement Flux: 989.3 lm	Efficiency: 62.65%
Downward Ratio: 62.19%	Upward Ratio: 0.47%
Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 131.1, 99.2, 105.8, 106.3	
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 94.9, 11.2, 15.1, 16.1	
Luminaire Efficacy Rating (LER): 70.41	Central Intensity: 1342.37 cd
Max. Intensity: 1380.5 cd	Pos of Max. Intensity: H0 V21
S/MH(C0/C180): 1.40	S/MH(C90/C270): 0.19

Picture Of Luminaire



Luminous Intensity Distribution Curve

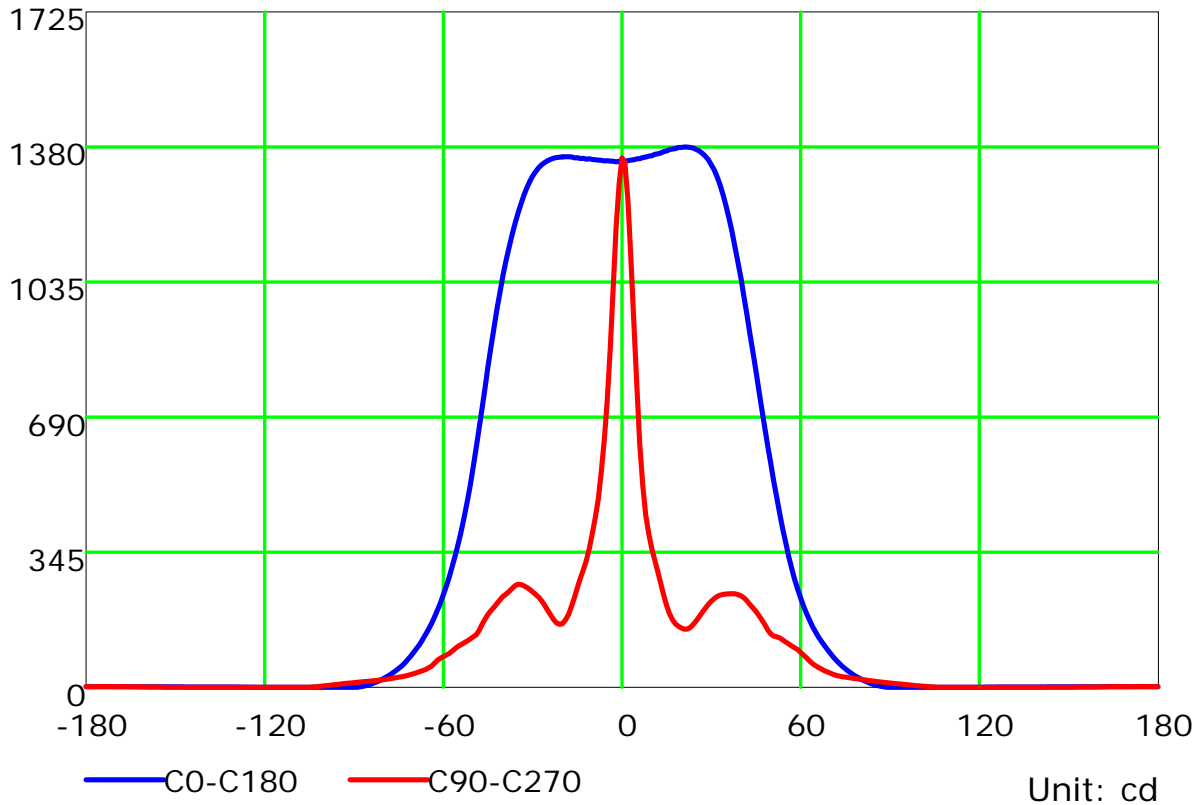
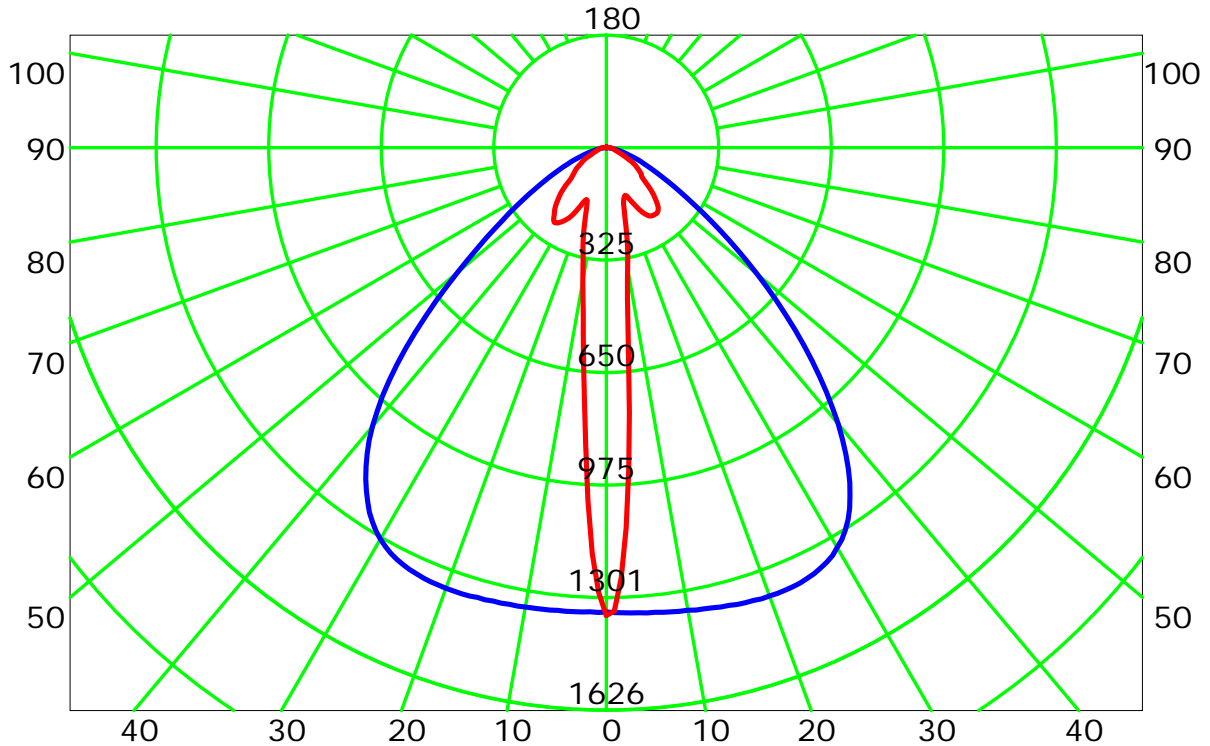


C Plane (°):0.0-360.0: 10.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

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



## Luminous Intensity Distribution Curve

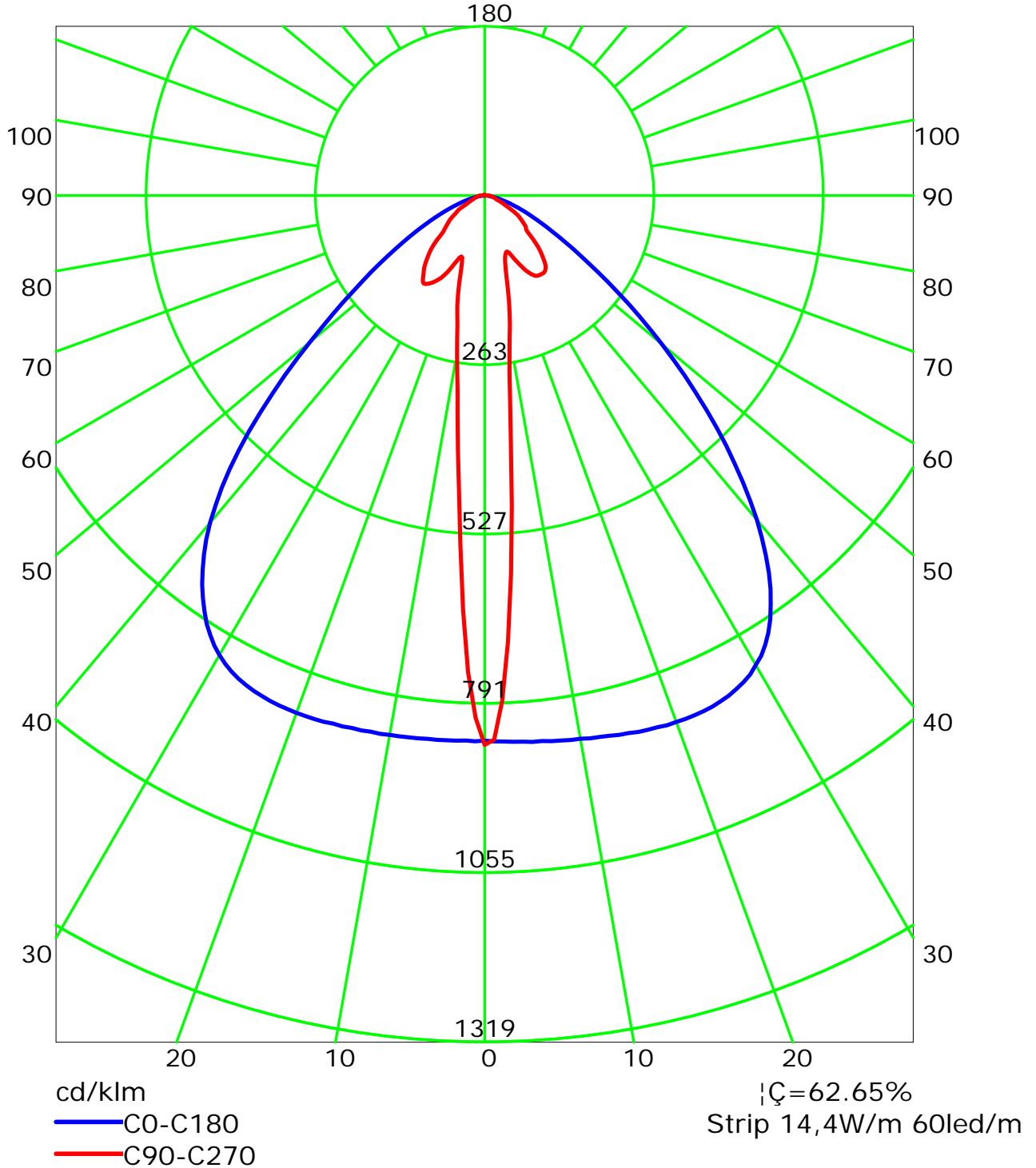


C Plane (°):0.0-360.0: 10.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

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



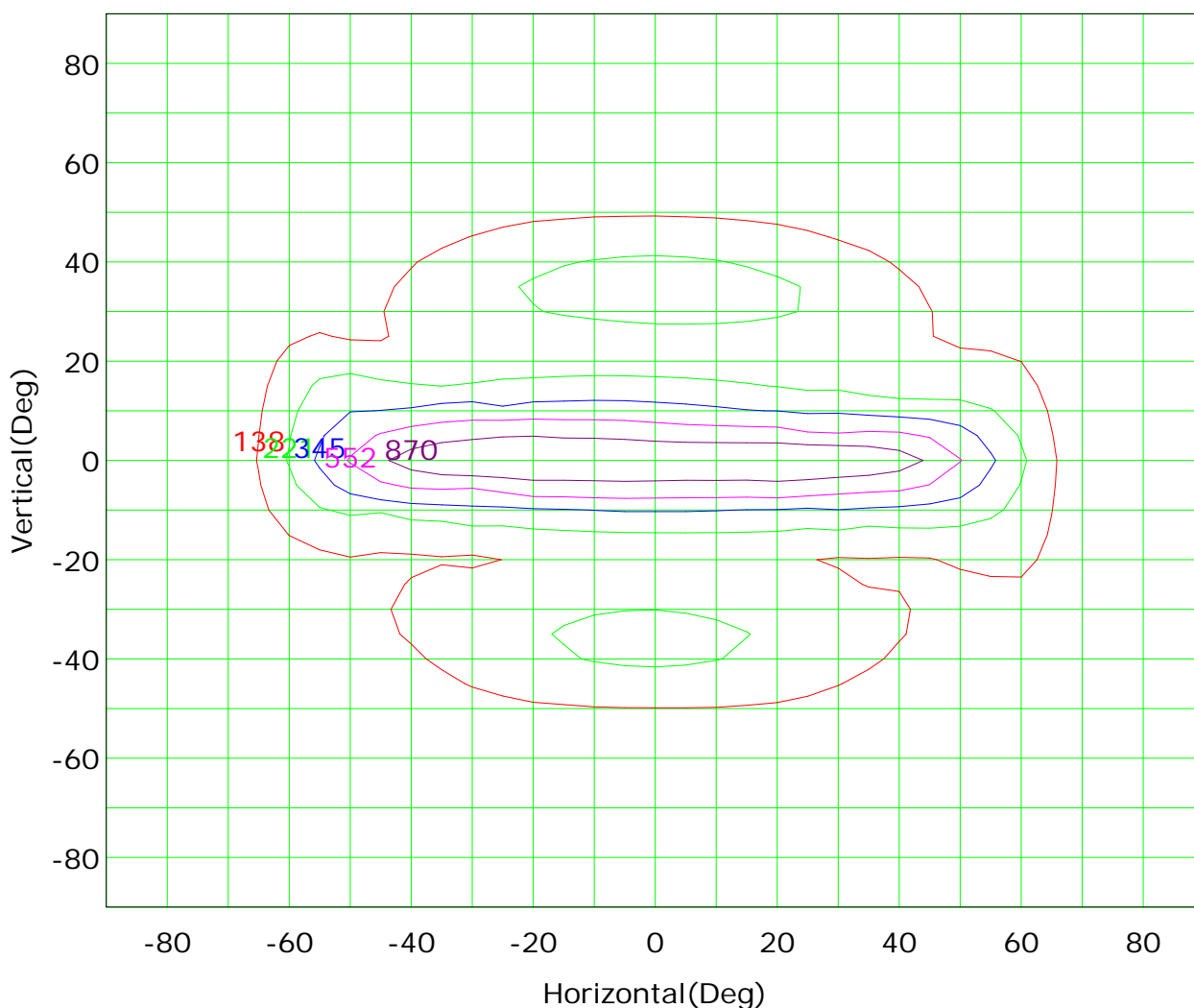
## Luminous Intensity Distribution Curve(cd/klm)



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%): 1381 cd

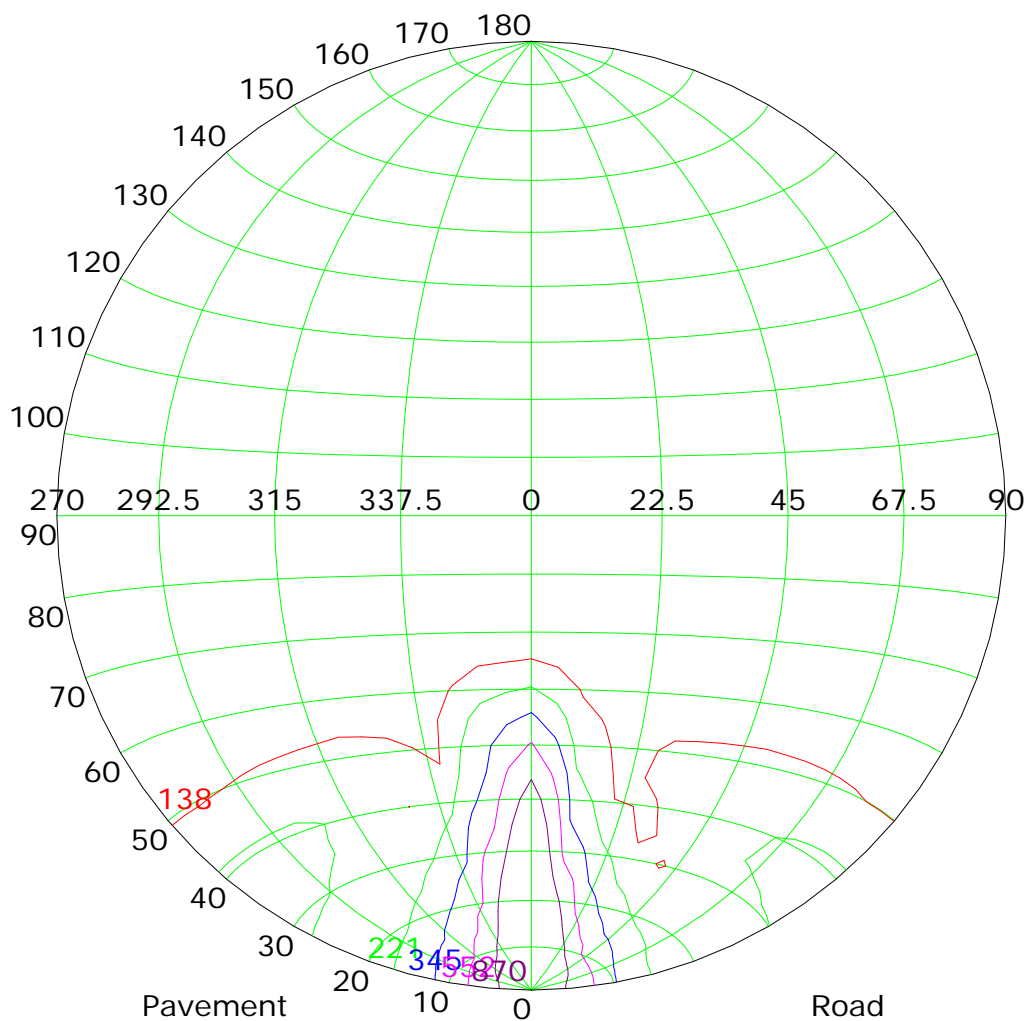
— ( 10%):	138 cd	— ( 16%):	221 cd
— ( 25%):	345 cd	— ( 40%):	552 cd
— ( 63%):	870 cd	— (100%):	1381 cd

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%): 1381 cd

- |                  |                   |
|------------------|-------------------|
| — ( 10%): 138 cd | — ( 16%): 221 cd  |
| — ( 25%): 345 cd | — ( 40%): 552 cd  |
| — ( 63%): 870 cd | — (100%): 1381 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

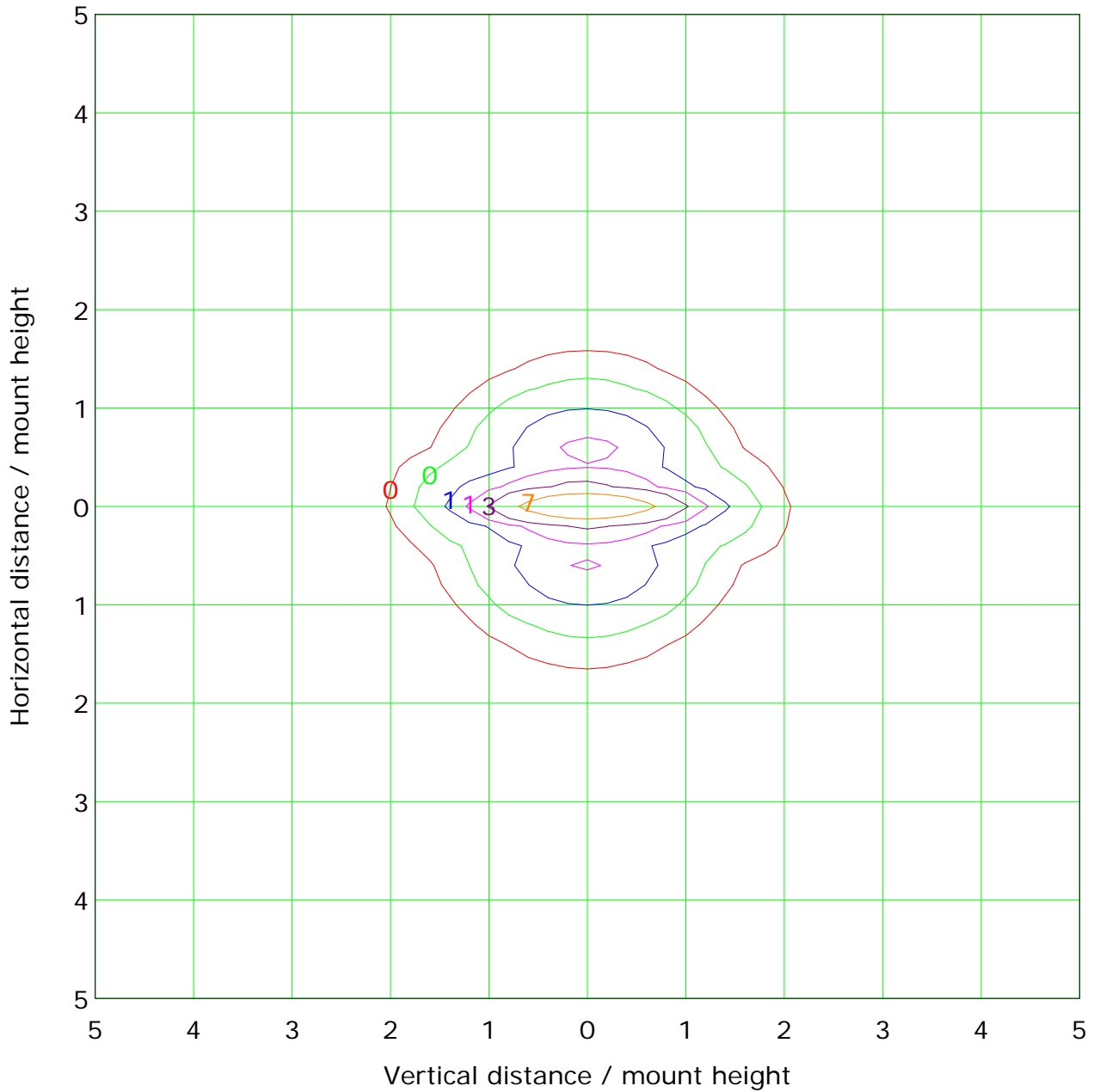
Distance: 7.970 m

Humidity:

Inspector:



## IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 13.6 lx	
— ( 1%):	0.1 lx	— ( 2%):	0.3 lx
— ( 5%):	0.7 lx	— (10%):	1.4 lx
— (20%):	2.7 lx	— (50%):	6.8 lx
— (100%):	13.6 lx		

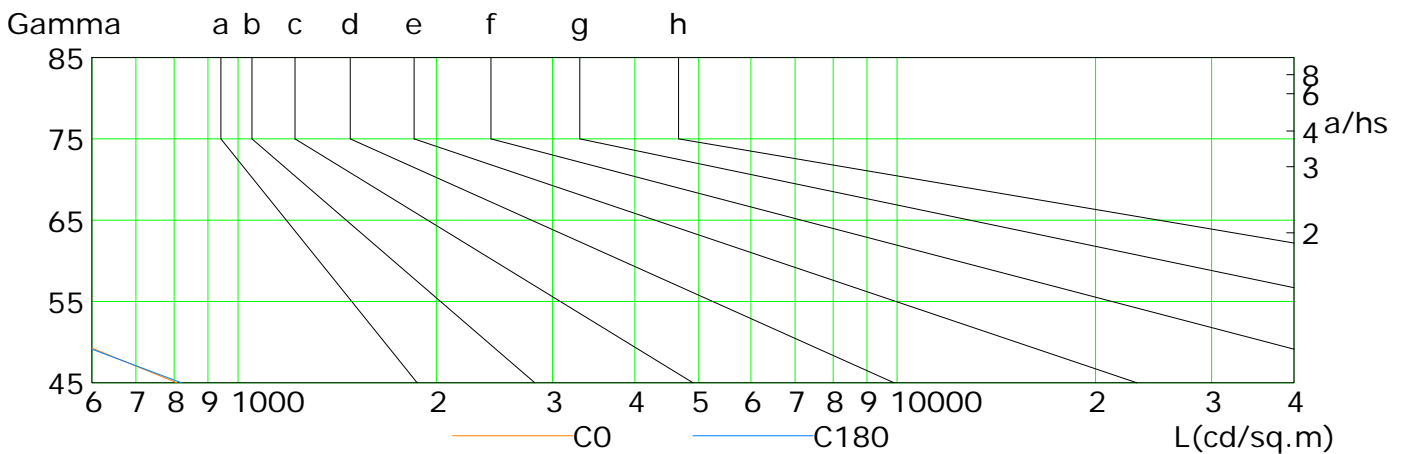
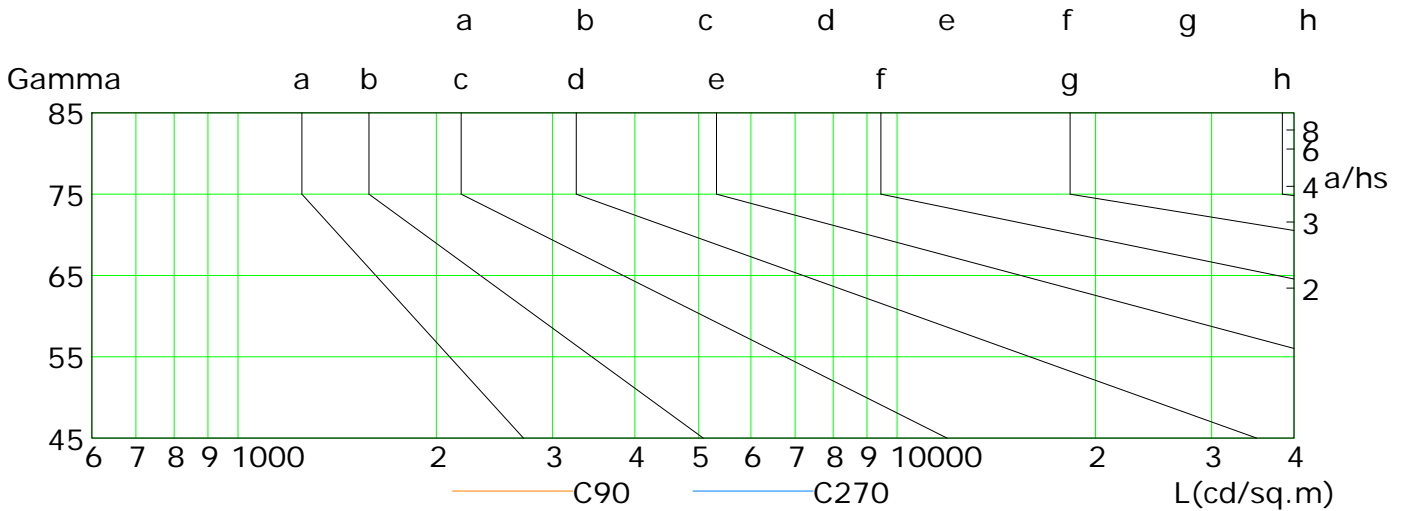
C Plane (°):0.0-360.0: 10.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

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	808	571	369	228	142	87	48	22	6
C90	194	137	116	90	55	36	26	21	15
C180	820	562	367	237	148	89	49	23	7
C270	187	129	105	78	50	35	26	20	16

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

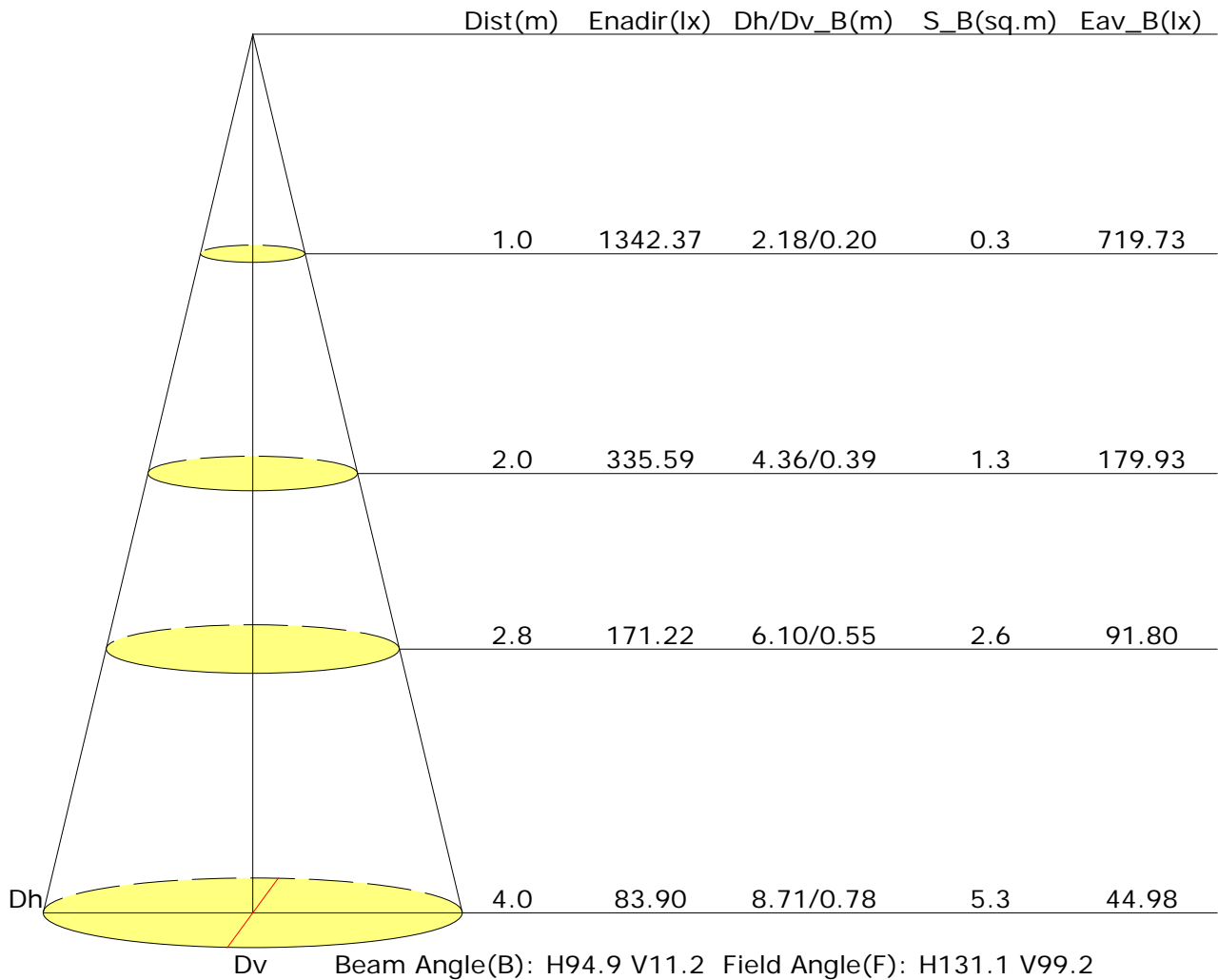
Distance: 7.970 m

Humidity:

Inspector:



## Illuminance at a Distance

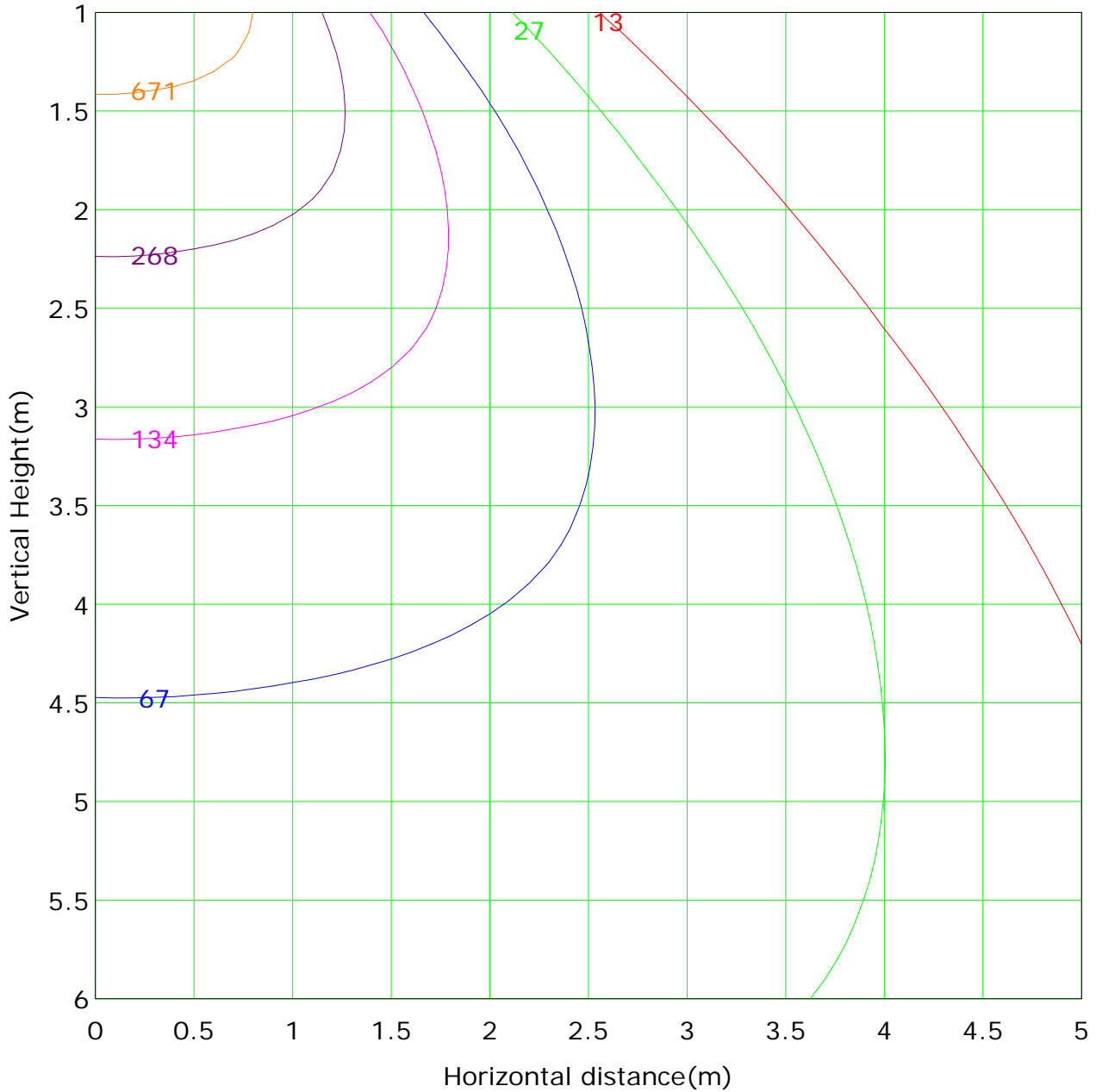


C Plane (°):0.0-360.0: 10.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

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: 1342.4 lx

— ( 1%): 13.4 lx	— ( 2%): 26.8 lx
— ( 5%): 67.1 lx	— ( 10%): 134.2 lx
— ( 20%): 268.5 lx	— ( 50%): 671.2 lx
— (100%): 1342.4 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: