

Report No.:

Test Time:

Luminaire Property

Luminaire Manufacturer: Lighting Line

Luminaire Description: LLP-NE03-17 + LLD-17-RM

Lamp Description: F52-400-60822

Number of Lamps: 5

Lumens per Lamp: 2717

Photometric Results

CIE Class: General Diffuse

Measurement Flux: 2999.9 lm

Downward Ratio: 11.04%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 360.0, 360.0, 360.0, 360.0

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 360.0, 360.0, 360.0, 360.0

Luminaire Efficacy Rating (LER): 2999.92

Max. Intensity: 320.96 cd

S/MH(C0/C180): 1.25

Total Rated Lamp Lumens: 13585.0 lm

Efficiency: 22.08%

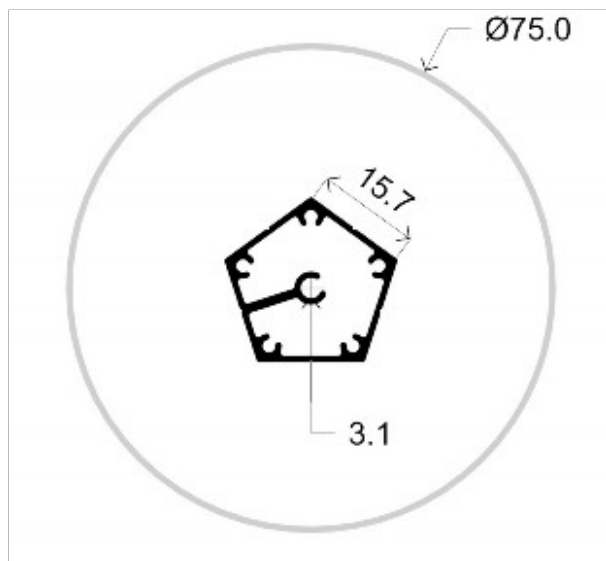
Upward Ratio: 11.04%

Central Intensity: 314.95 cd

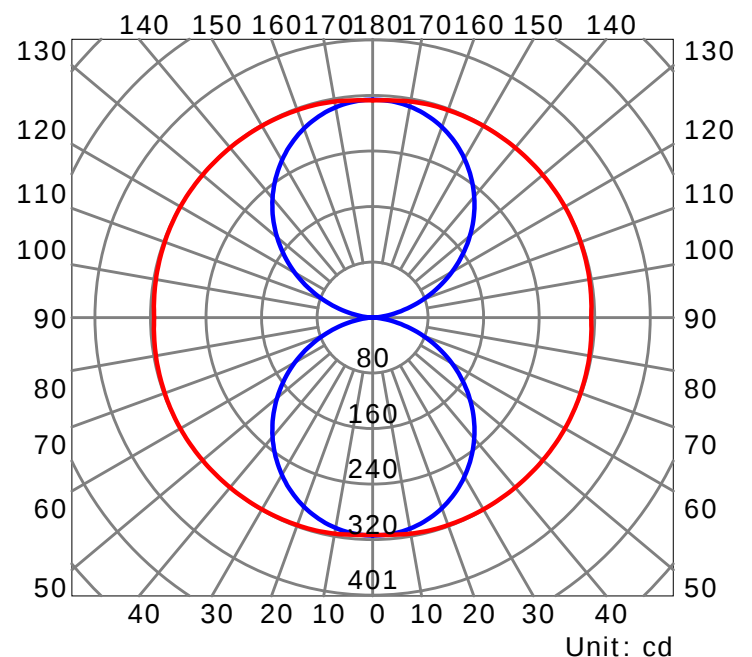
Pos of Max. Intensity: H90 V56

S/MH(C90/C270): 1.56

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270

C Plane (°):0.0-180.0: 10.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

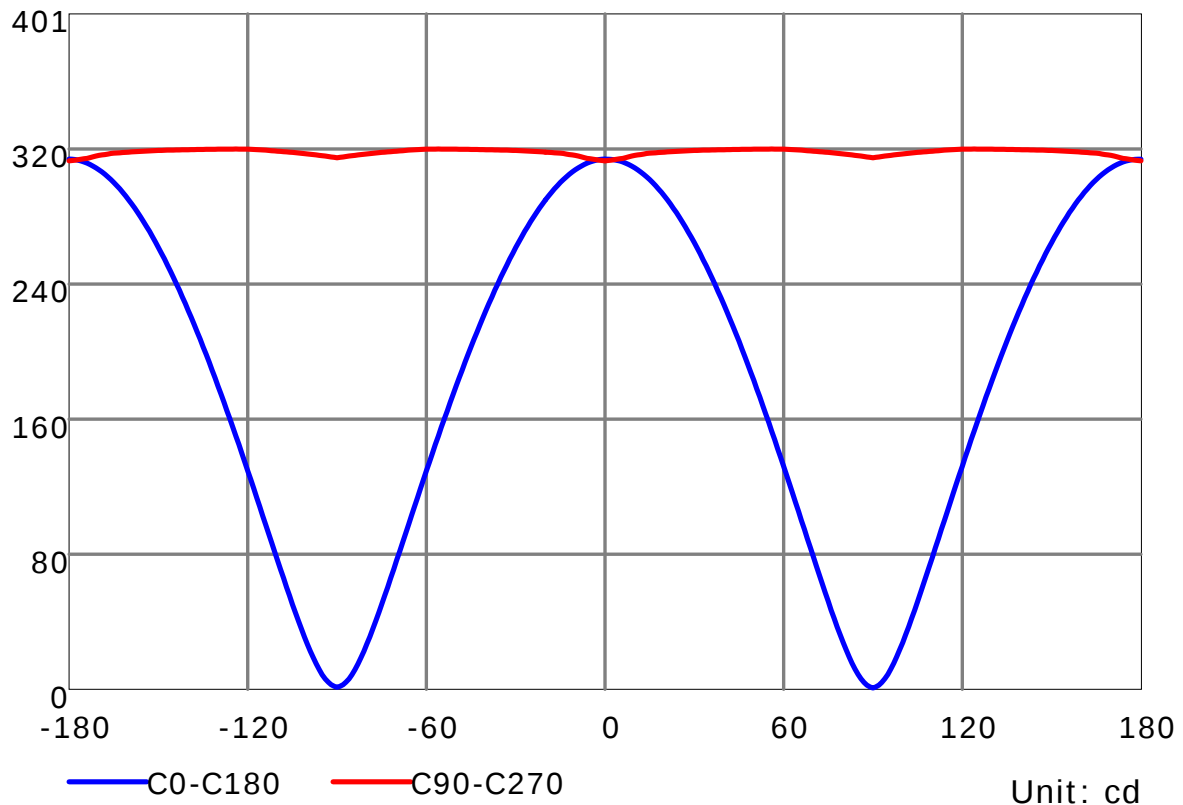
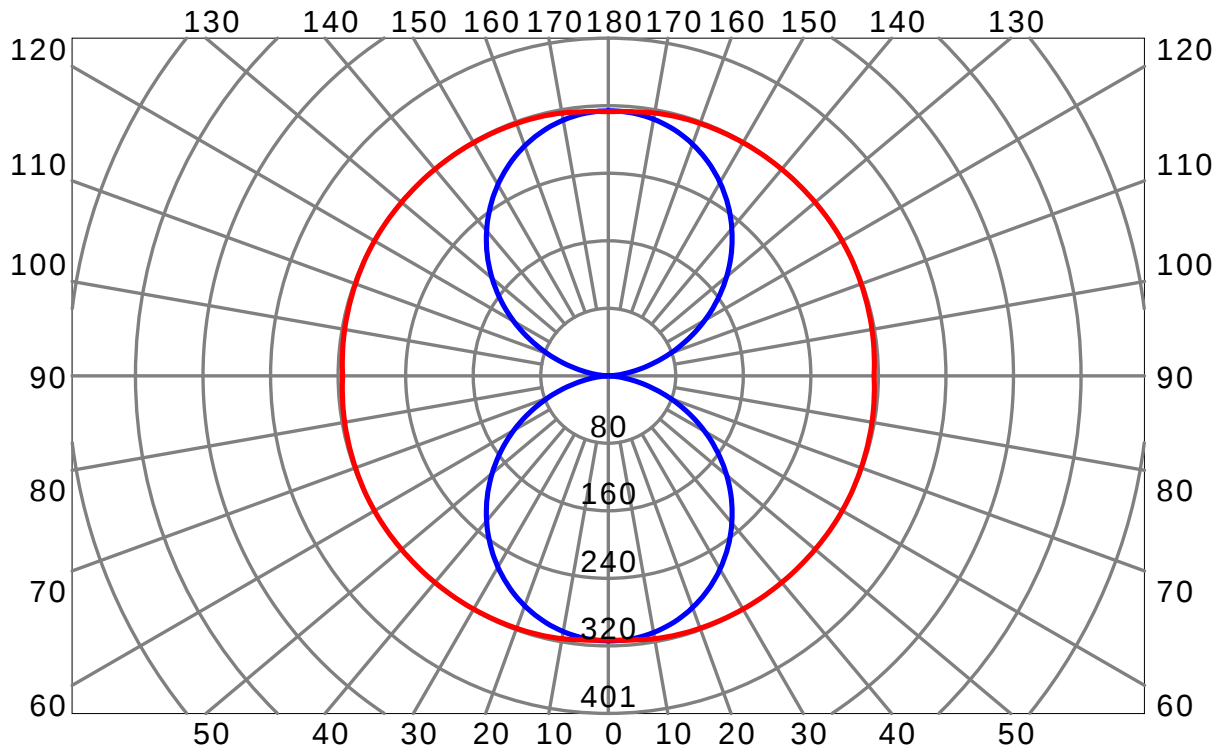
Test Device:

Distance:

Humidity:

Inspector:

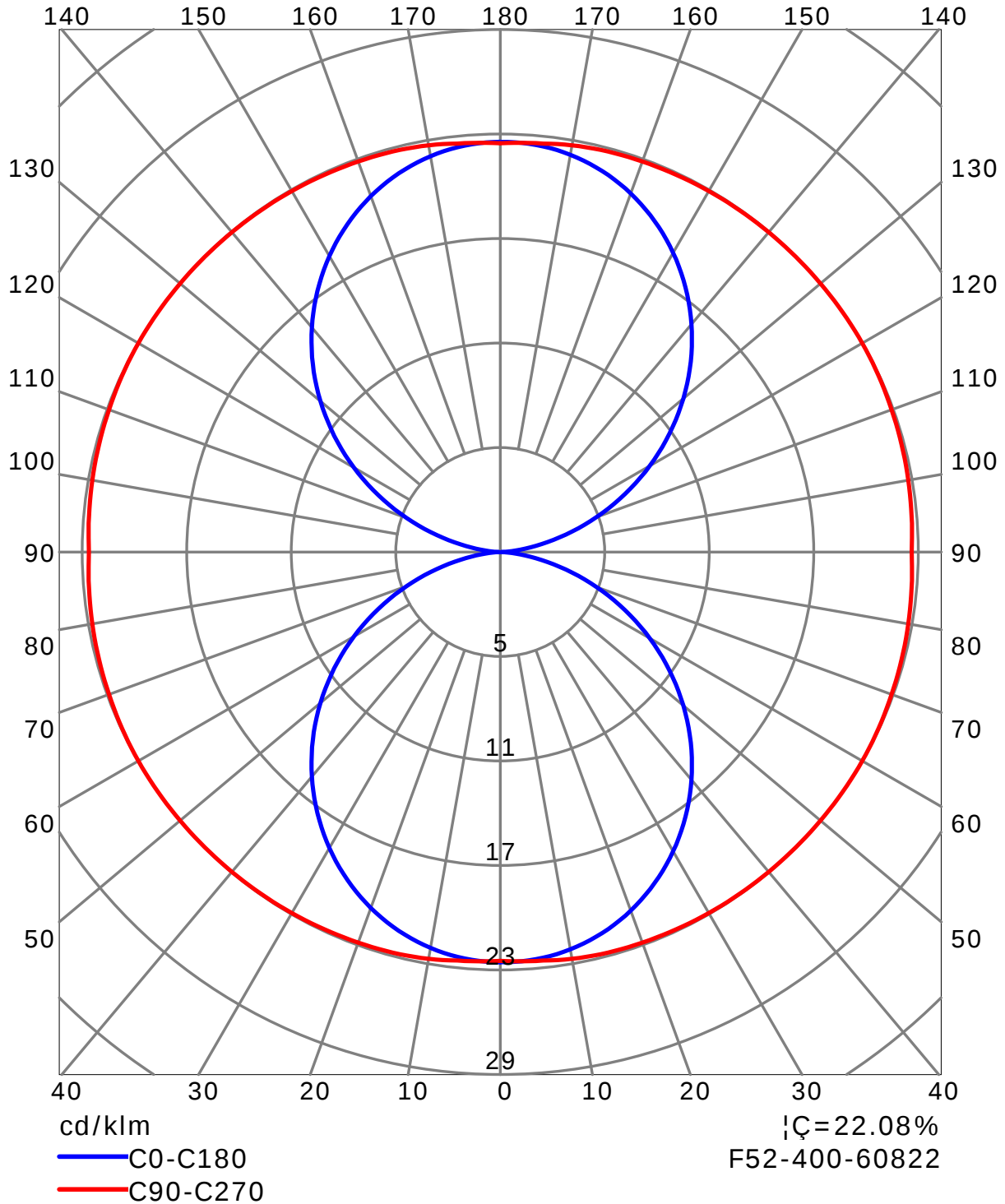
Luminous Intensity Distribution Curve



C Plane (°):0.0-180.0: 10.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device:
Distance:
Humidity:
Inspector:

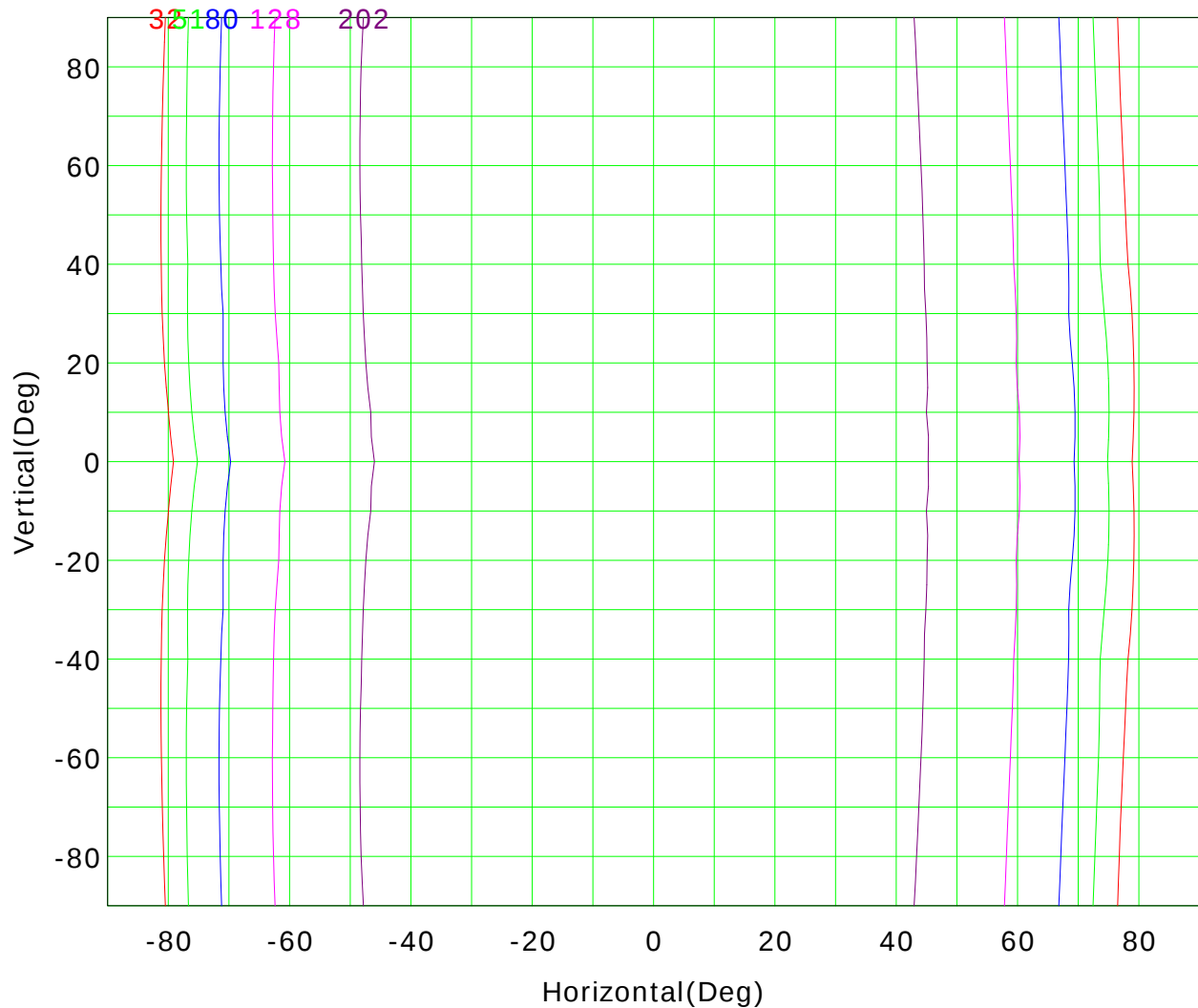
Luminous Intensity Distribution Curve(cd / klm)



C Plane (°):0.0-180.0: 10.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device:
Distance:
Humidity:
Inspector:

Isocandela (rectangle)



I_{max} (100%): 321 cd

(10%):	32 cd	(16%):	51 cd
(25%):	80 cd	(40%):	128 cd
(63%):	202 cd	(100%):	321 cd

C Plane (°):0.0-180.0: 10.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

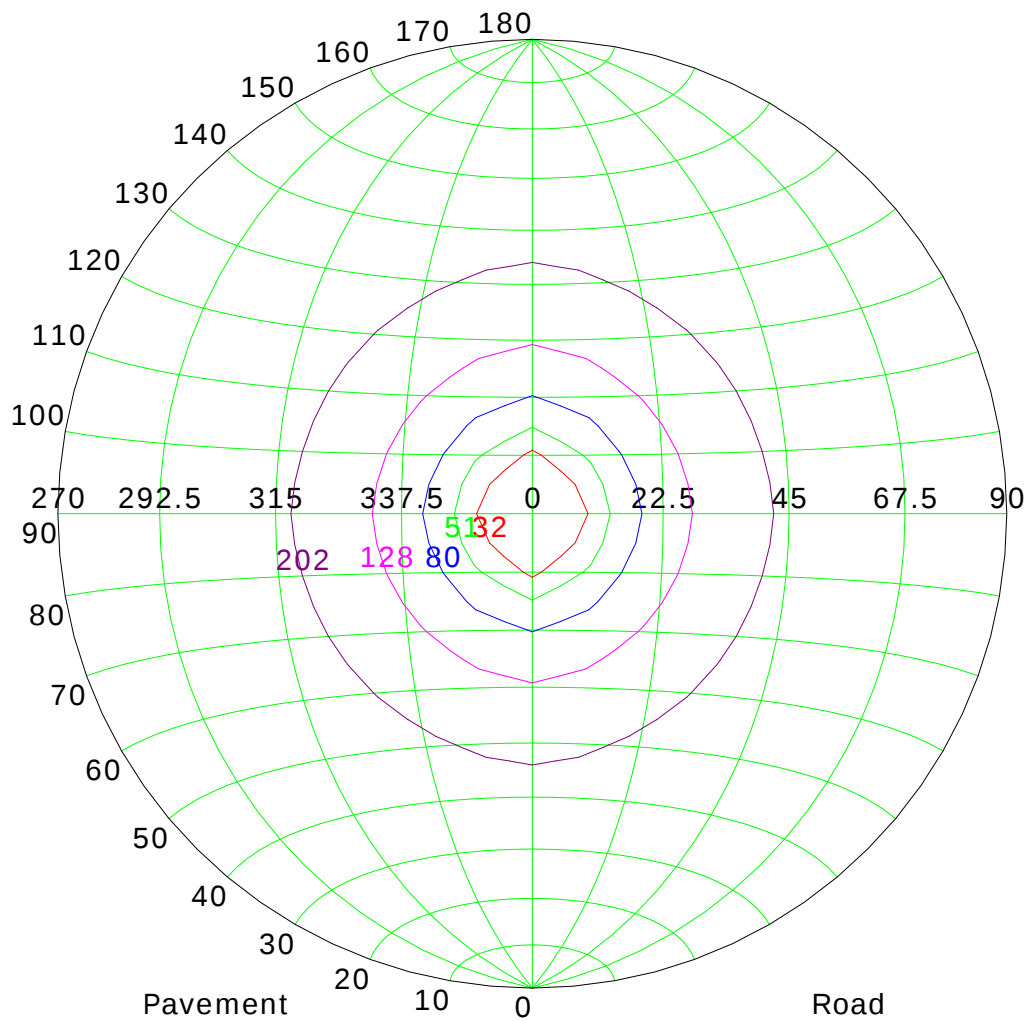
Test Device:

Distance:

Humidity:

Inspector:

Isocandela (sphere)



I_{max} (100%): 321 cd

(10%):	32 cd	(16%):	51 cd
(25%):	80 cd	(40%):	128 cd
(63%):	202 cd	(100%):	321 cd

C Plane (°):0.0-180.0: 10.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

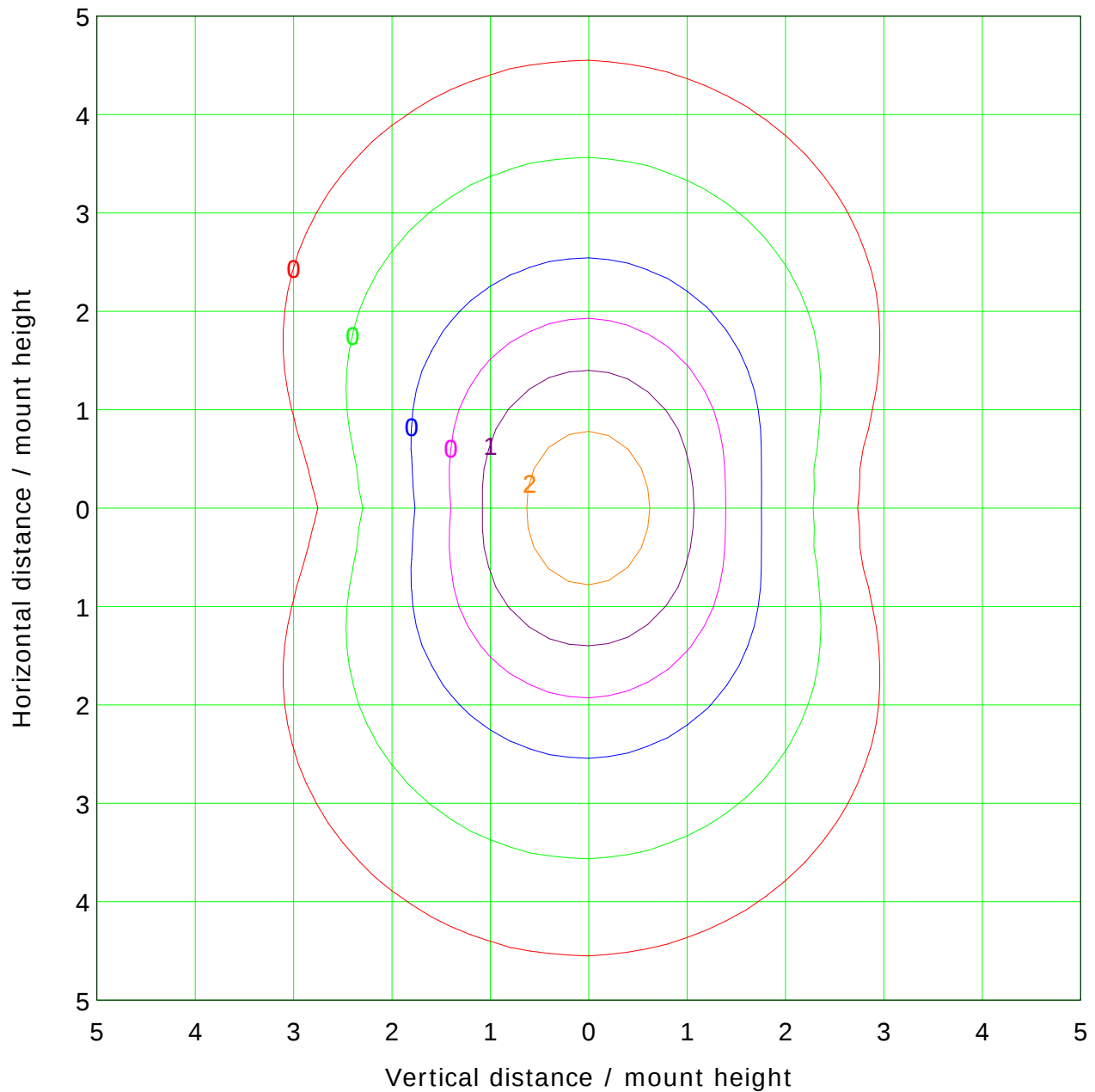
Test Device:

Distance:

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 3.2 lx

— (1%): 0.0 lx	— (2%): 0.1 lx
— (5%): 0.2 lx	— (10%): 0.3 lx
— (20%): 0.6 lx	— (50%): 1.6 lx
— (100%): 3.2 lx	

C Plane (°):0.0-180.0: 10.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device:

Distance:

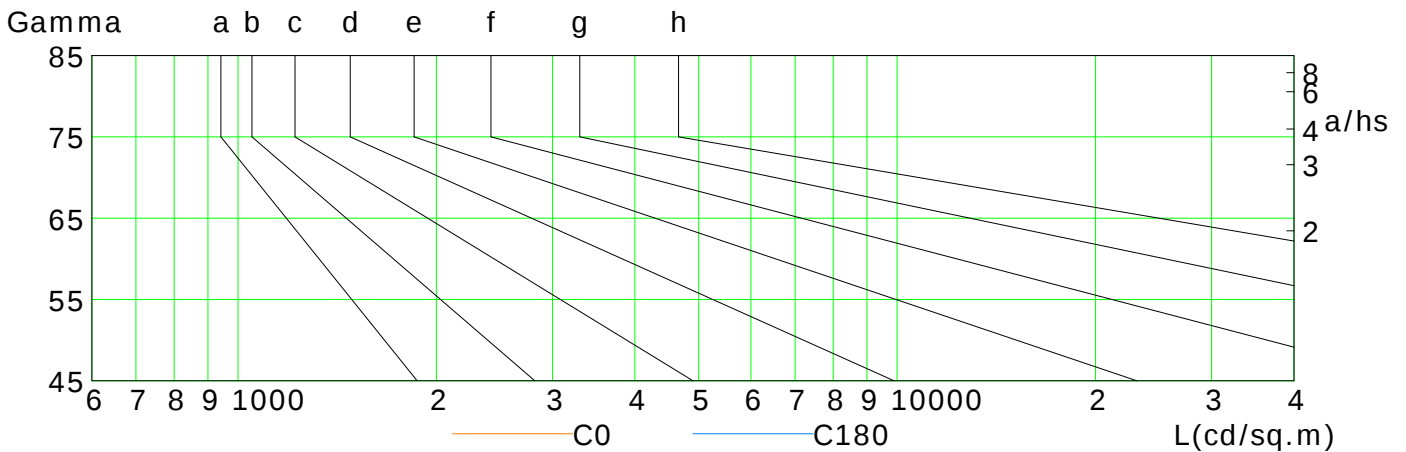
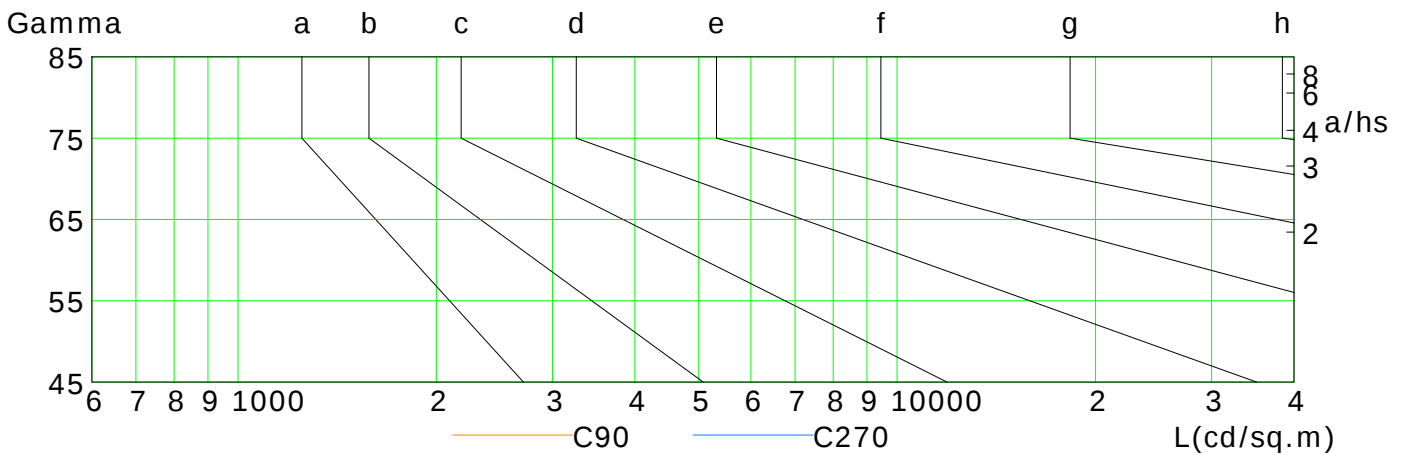
Humidity:

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	184	159	133	106	79	52	28	9
C90	321	321	321	321	320	320	319	318	317
C180	204	180	156	130	103	77	51	27	9
C270	321	321	321	321	320	320	319	318	317

C Plane (°):0.0-180.0: 10.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

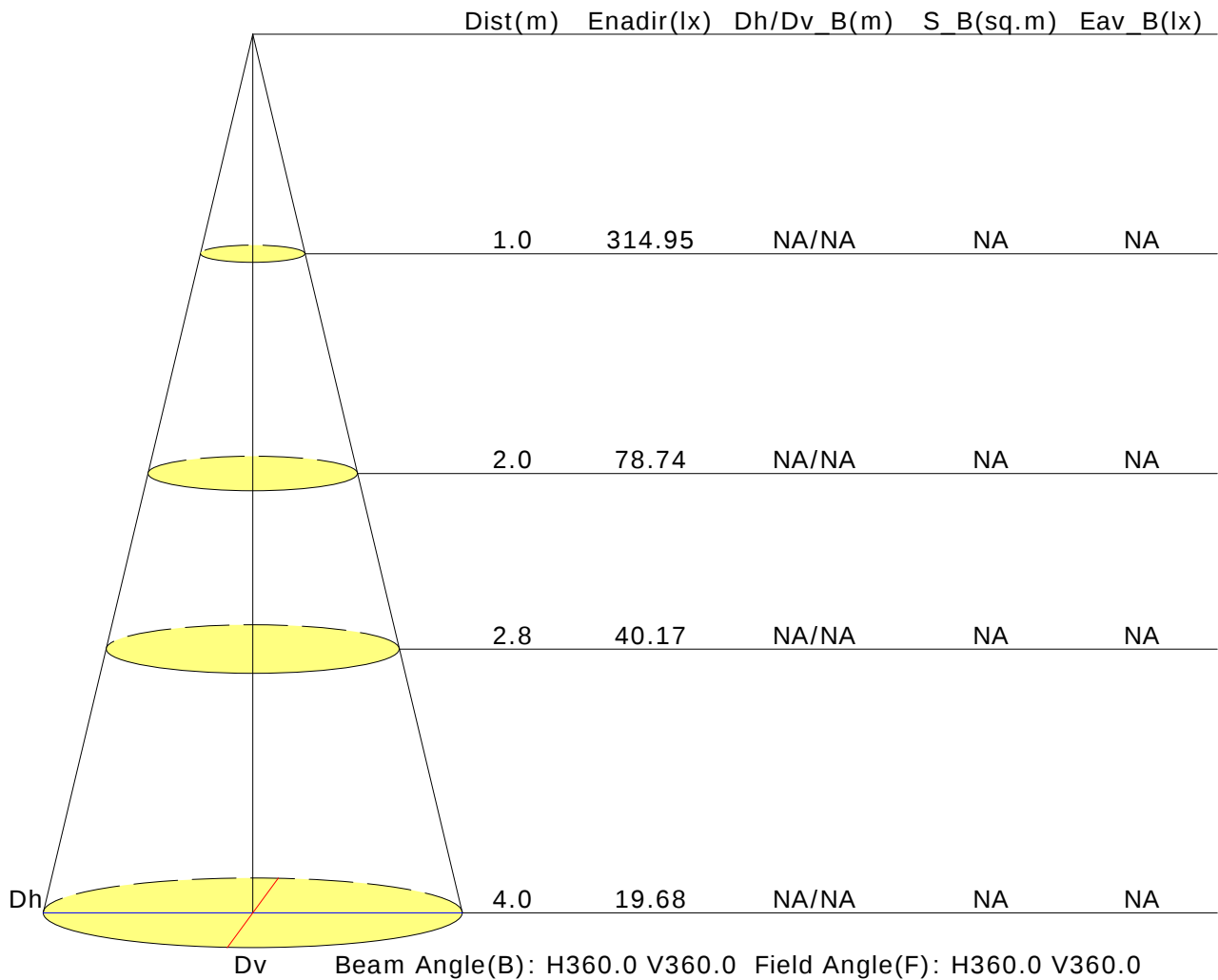
Test Device:

Distance:

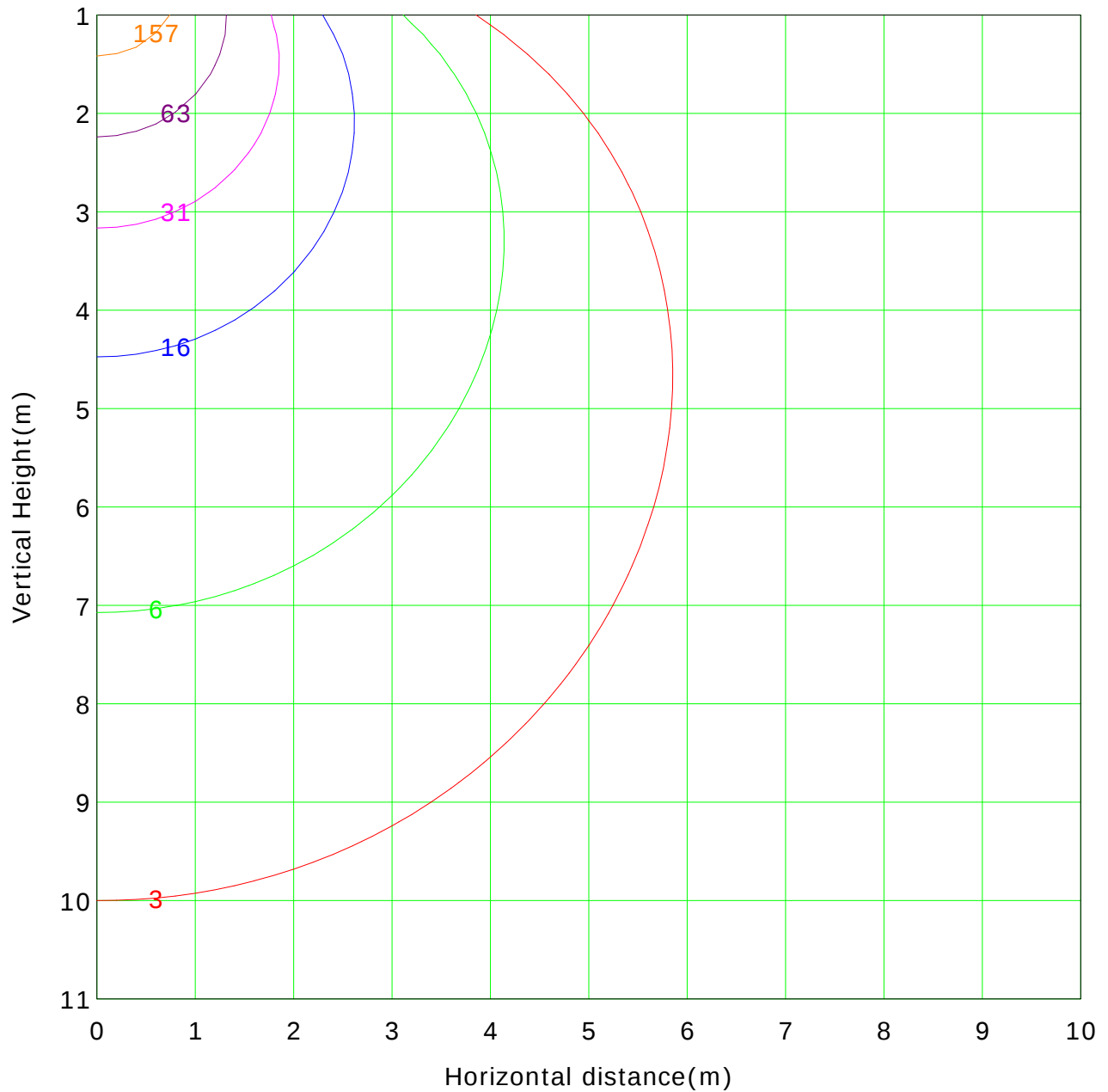
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 315.0 lx

(1%): 3.1 lx	(2%): 6.3 lx
(5%): 15.7 lx	(10%): 31.5 lx
(20%): 63.0 lx	(50%): 157.5 lx
(100%): 315.0 lx	

C Plane (°):0.0-180.0: 10.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device:

Distance:

Humidity:

Inspector: