

Report No.: 52.07517 SILO Downlight

Test Time: 2022-12-30 09:40

Luminaire Property

Luminaire Category: Citizen 1203 3000K CRI90

Voltage: 209.0 V

Current: 0.106 A

Power: 15.00 W

Power Factor: 0.678

Photometric Results

CIE Class: Direct

Measurement Flux: 1167.7 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H26.3

Vertical Diffuse Angle(50%): V26.3

Luminaire Efficacy Rating (LER): 78

Max. Intensity: 4853.38 cd

Total Rated Lamp Lumens: 1167.7 lm

Efficiency: 100%

Upward Ratio: 0%

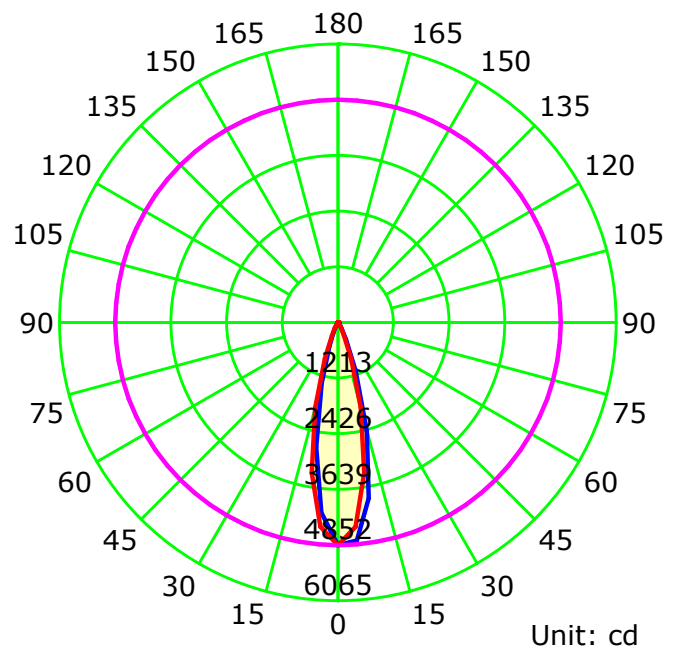
Central Intensity: 4853.38 cd

Pos of Max. Intensity: H0 V0

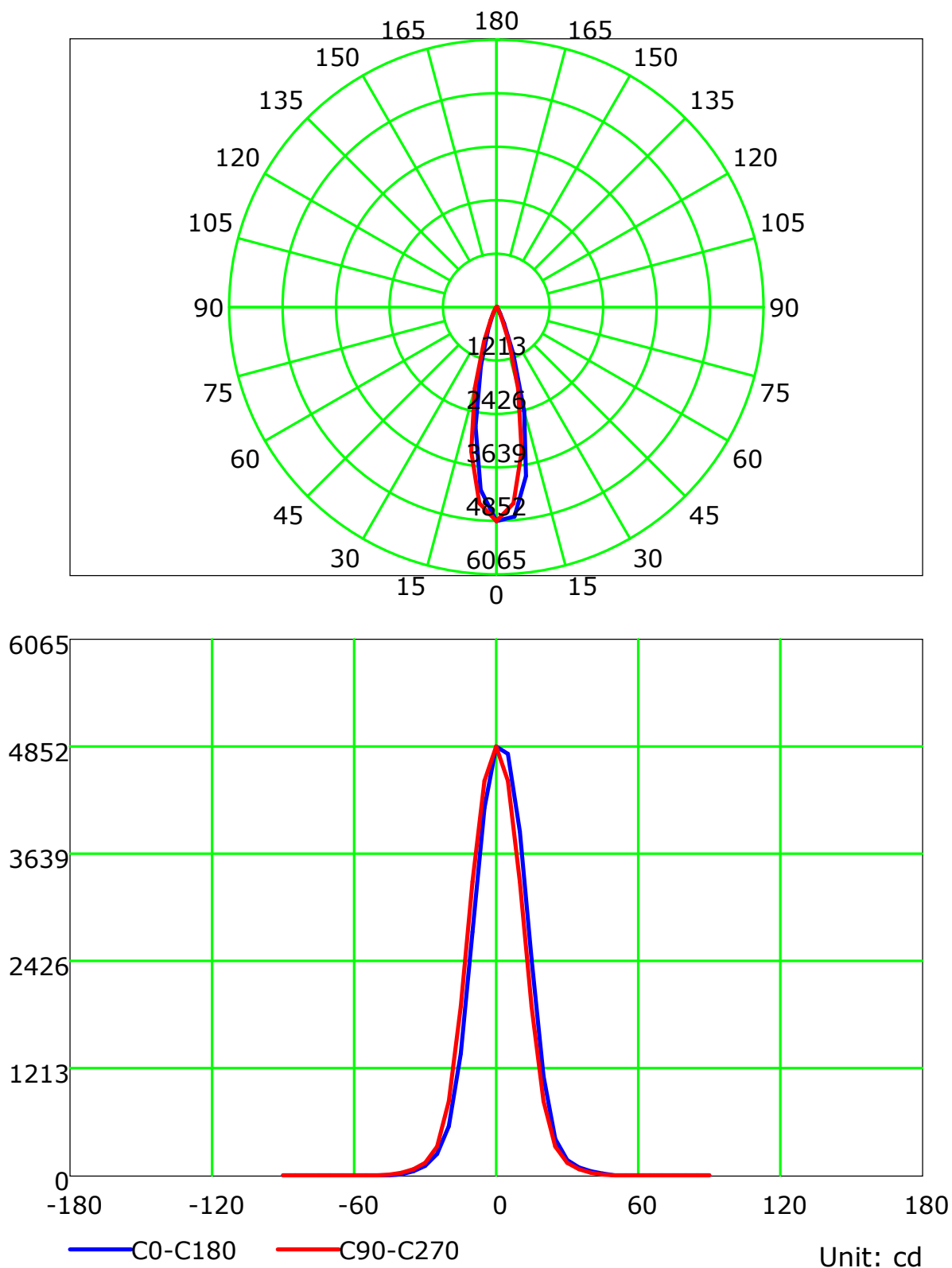
Picture Of Luminaire



Luminous Intensity Distribution Curve



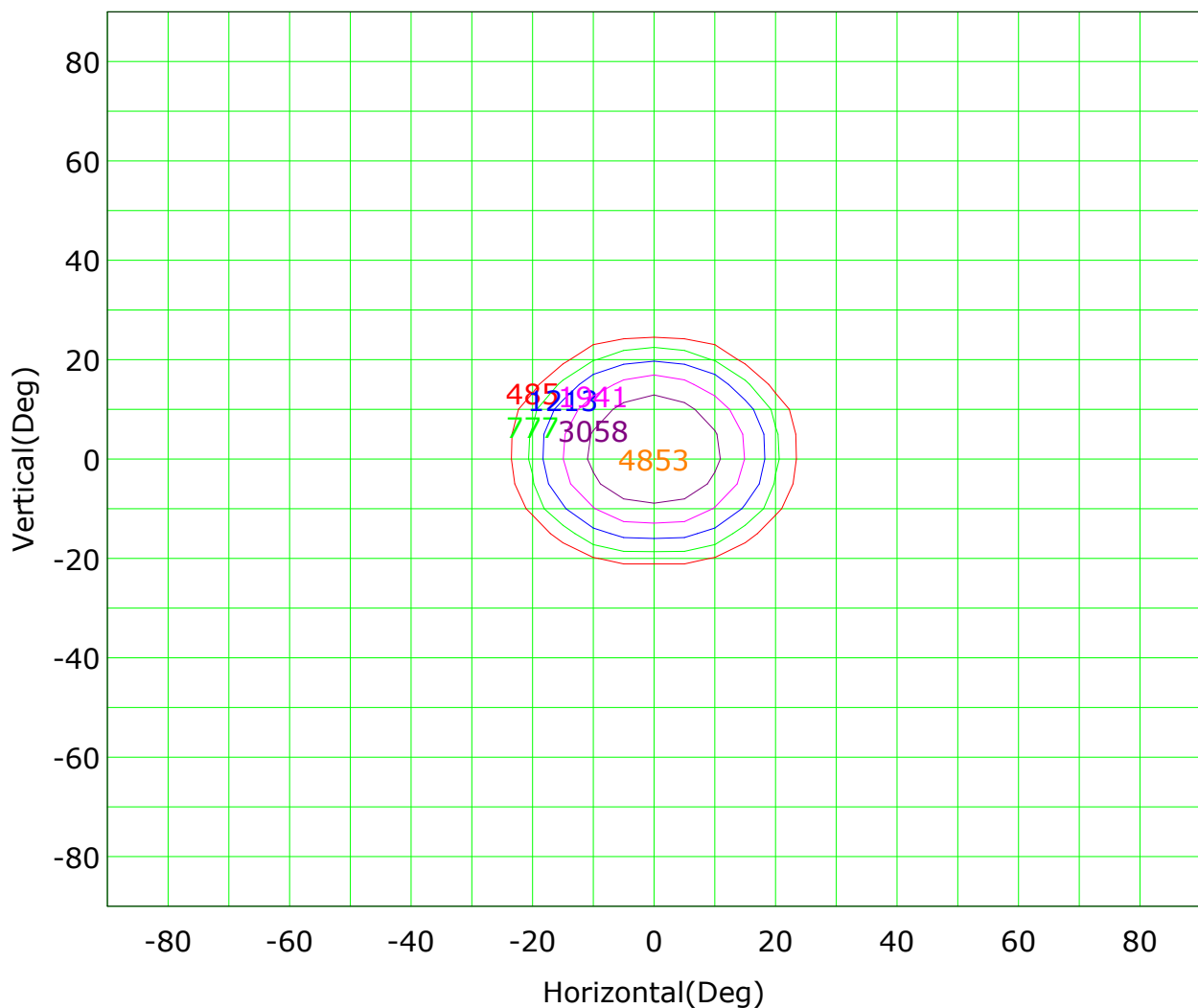
Luminous Intensity Distribution Curve



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

Gamma Plane (°):0.0-90.0:5.0
Test Device: CHL-6E
Distance: 3.000 m
Humidity:
Inspector:

Isocandela (rectangle)



Imax (100%): 4853 cd

(10%): 485 cd	(16%): 777 cd
(25%): 1213 cd	(40%): 1941 cd
(63%): 3058 cd	(100%): 4853 cd

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

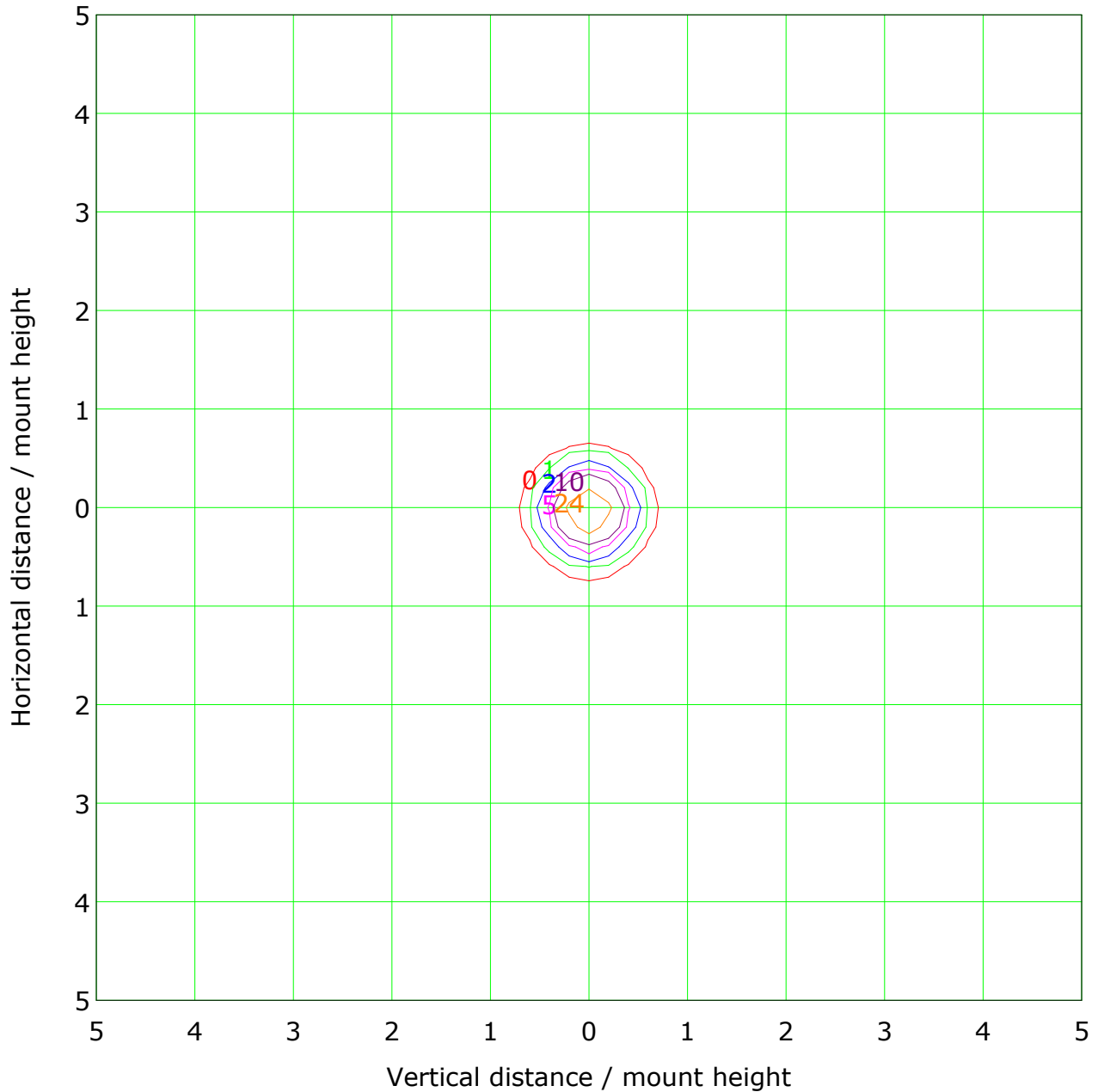
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10m Max Lux(100%): 49 lx			
— (1%):	0 lx	— (2%):	1 lx
— (5%):	2 lx	— (10%):	5 lx
— (20%):	10 lx	— (50%):	24 lx
— (100%):	49 lx		

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

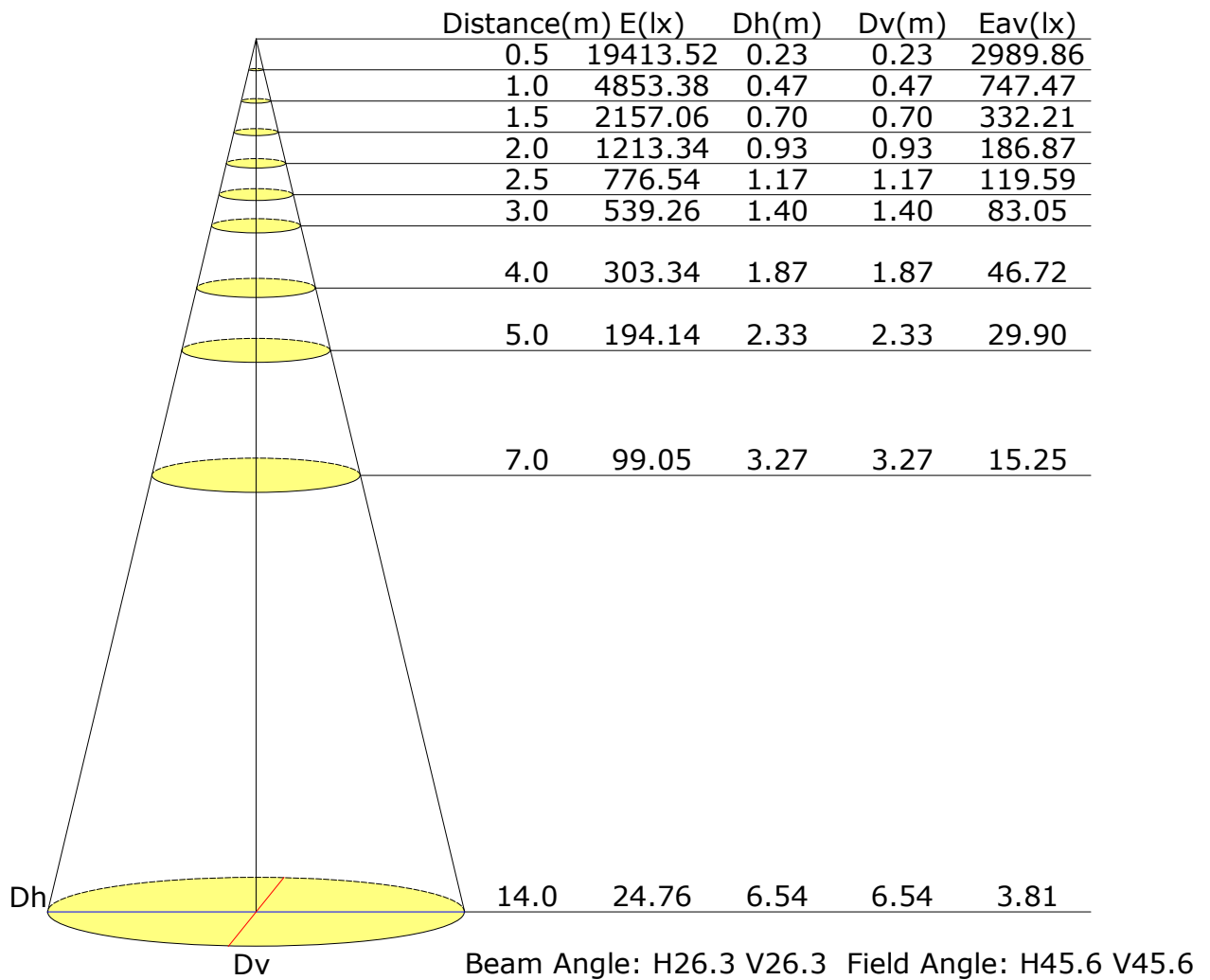
Test Device: CHL-6E

Distance: 3.000 m

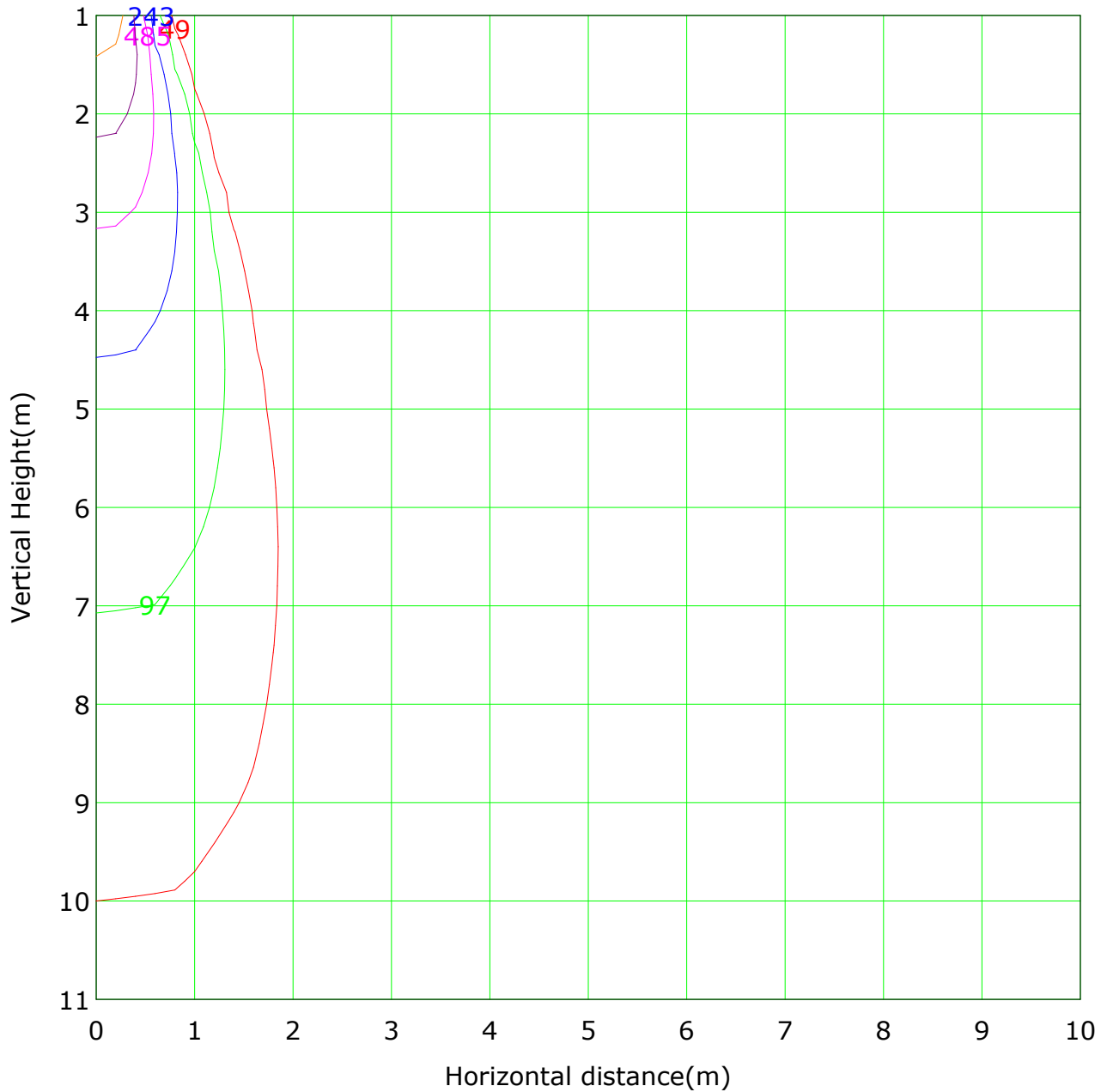
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



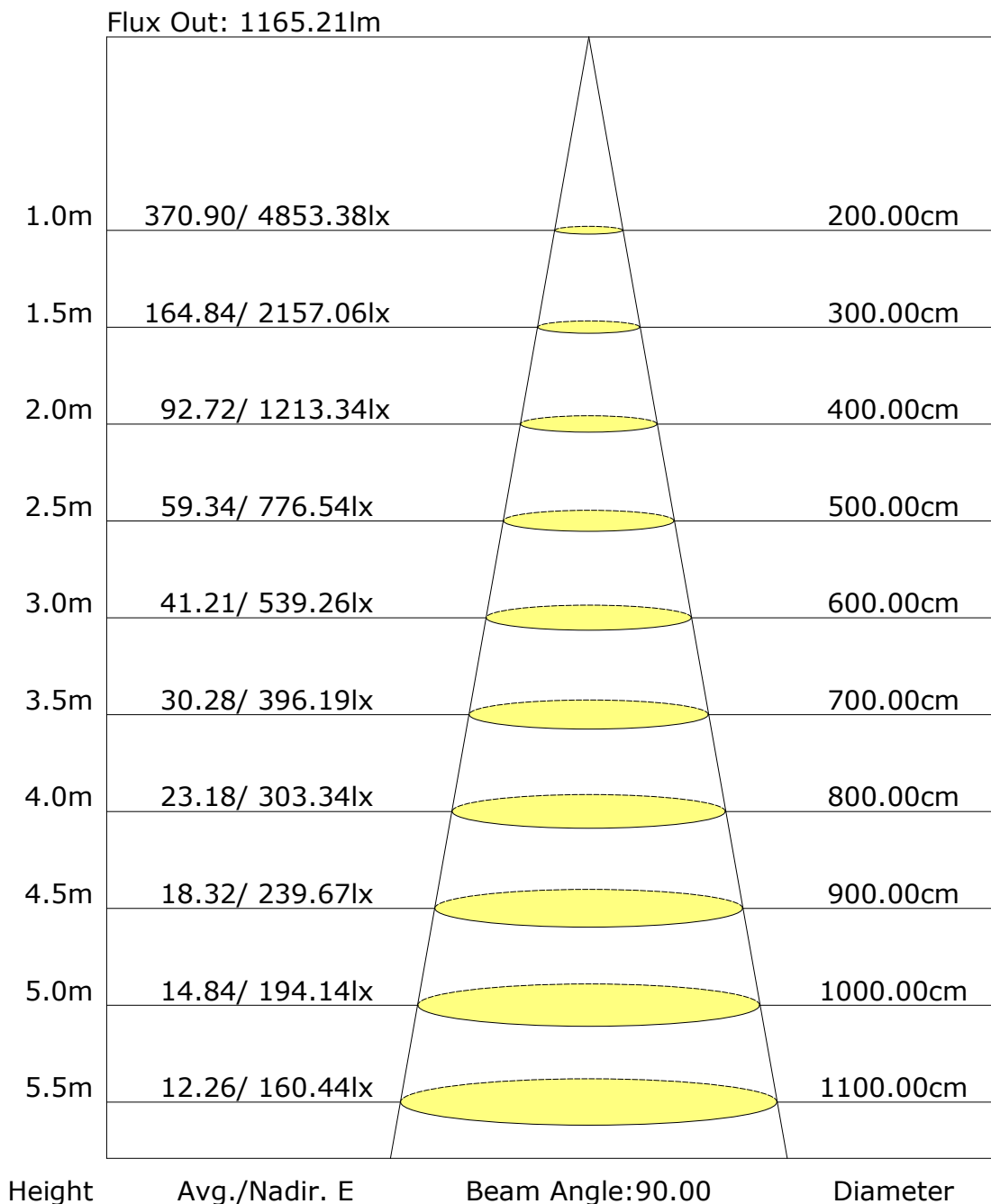
Lowest(m): 1m Highest(m): 11 Max Lux: 4853

(1%): 49 lx	(2%): 97 lx
(5%): 243 lx	(10%): 485 lx
(20%): 971 lx	(50%): 2427 lx
(100%): 4853 lx	

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

Gamma Plane (°):0.0-90.0:5.0
Test Device: CHL-6E
Distance: 3.000 m
Humidity:
Inspector:

The average illuminance effective figure



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

Gamma Plane (°): 0.0-90.0: 5.0
Test Device: CHL-6E
Distance: 3.000 m
Humidity:
Inspector:

Zonal Lumen

[illegible]

Inspector:

Candlepower Table

Unit: cd

[illegible]

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector: