

Report No.: 51.04511 Recessed Downlight Test Time: 2023-07-01 21:13

Luminaire Property

Luminaire Category: Bridgelux V4HD 3000K CRI90
Luminaire Description: 24D
Current: 0.054 A
Power Factor: 0.541
Voltage: 216.9 V
Power: 6.40 W

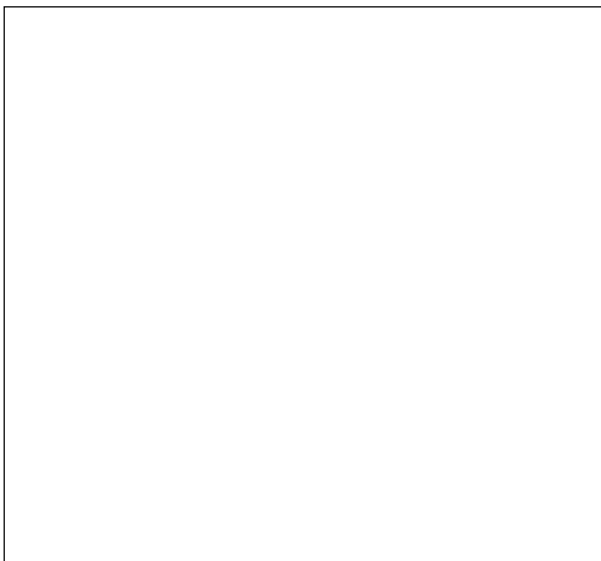
Photometric Results

CIE Class: Direct
Measurement Flux: 392.8 lm
Downward Ratio: 100%
Horizontal Diffuse Angle(50%): H25.3
Vertical Diffuse Angle(50%): V25.3
Luminaire Efficacy Rating (LER): 61
Max. Intensity: 1670.1 cd

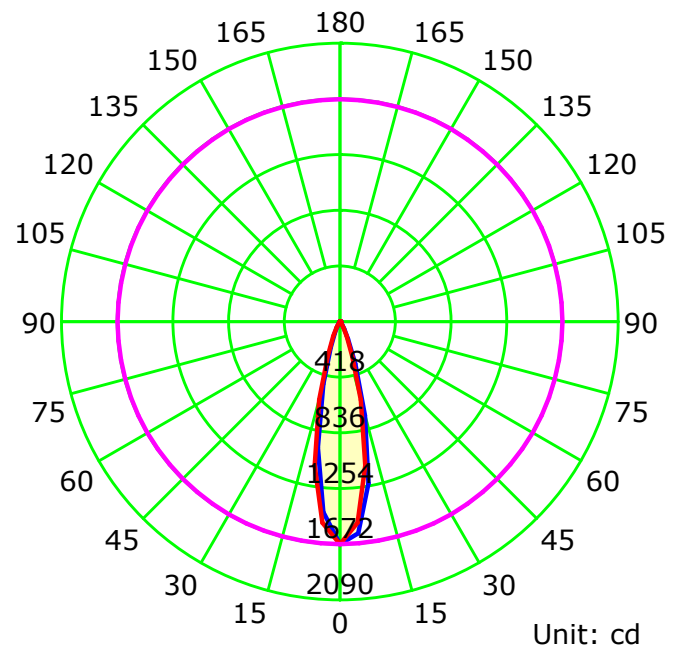
Total Rated Lamp Lumens: 392.8 lm
Efficiency: 100%
Upward Ratio: 0%

Central Intensity: 1670.1 cd
Pos of Max. Intensity: H0 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve

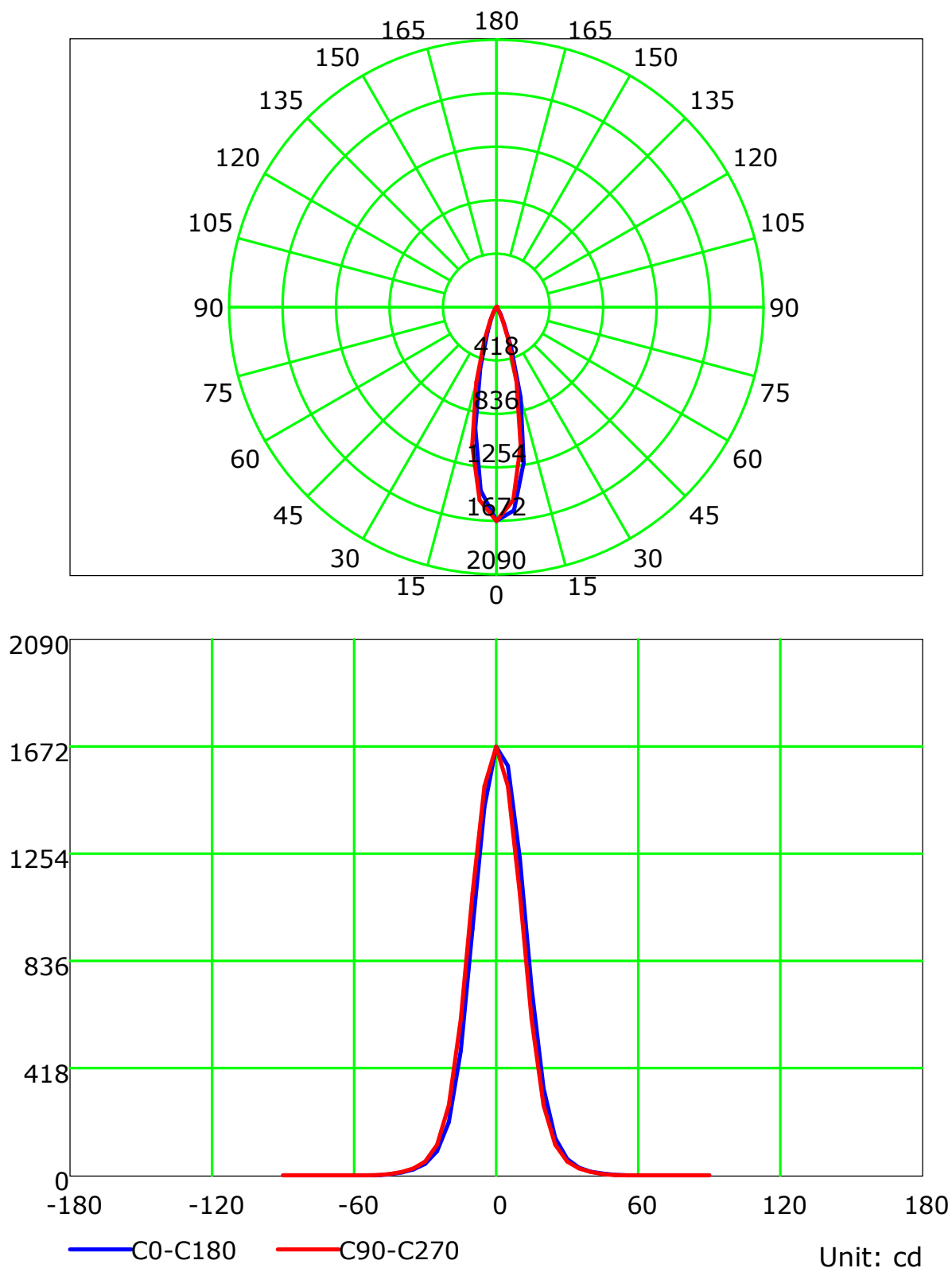


— C0-C180 — C90-C270 — G0

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:

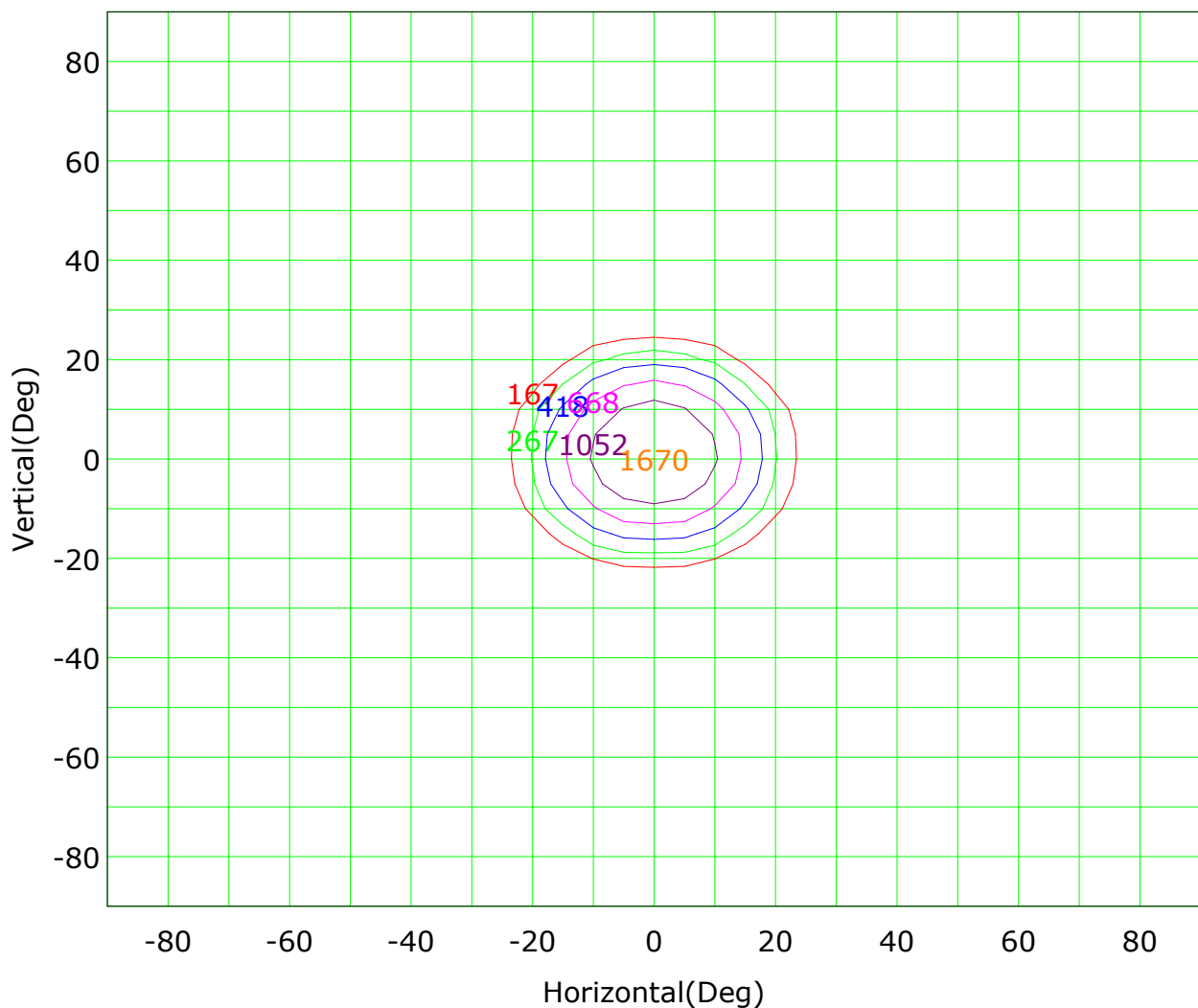
Luminous Intensity Distribution Curve



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%): 1670 cd

(10%): 167 cd	(16%): 267 cd
(25%): 418 cd	(40%): 668 cd
(63%): 1052 cd	(100%): 1670 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

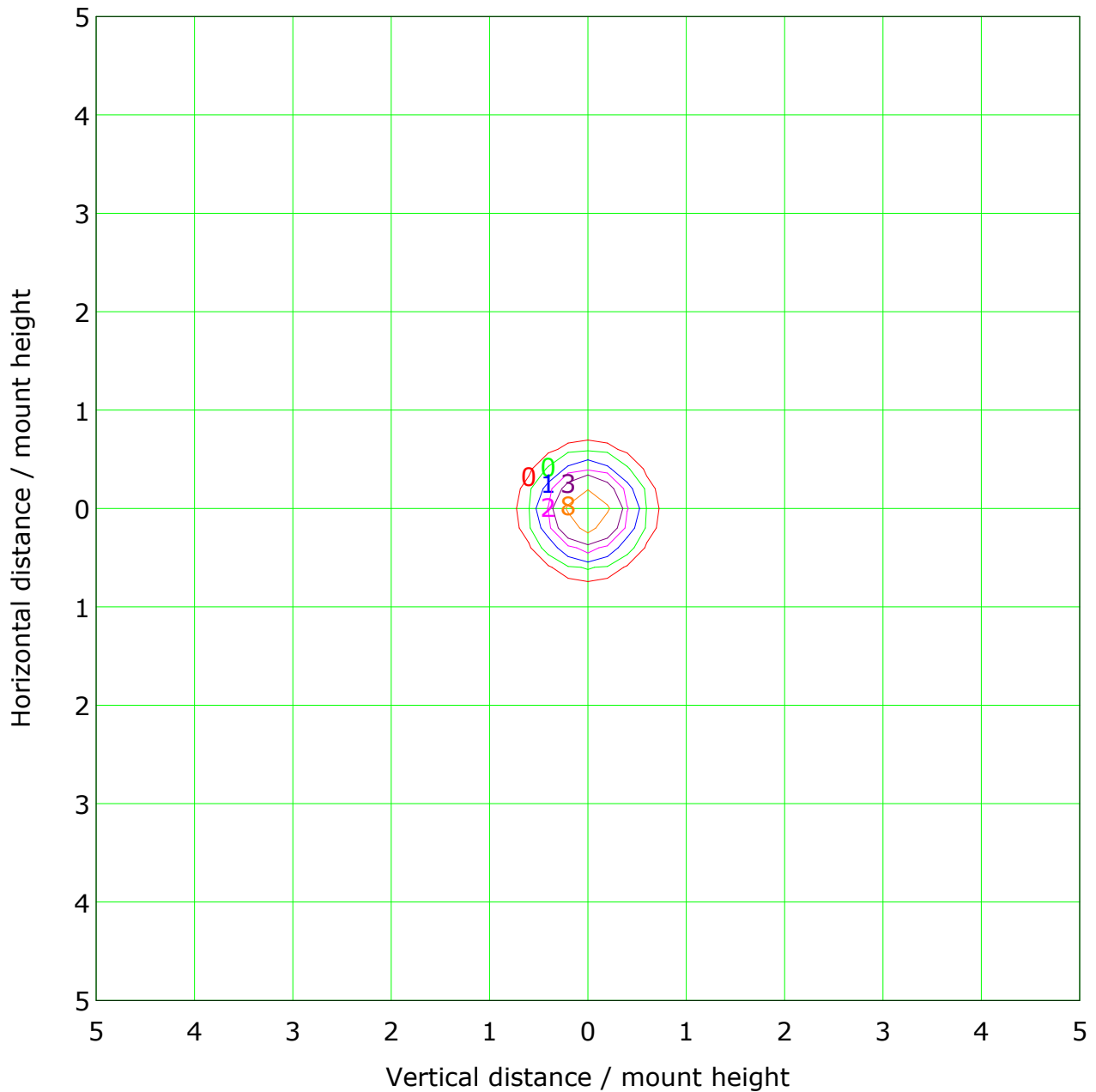
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10m Max Lux(100%): 17 lx			
— (1%):	0 lx	— (2%):	0 lx
— (5%):	1 lx	— (10%):	2 lx
— (20%):	3 lx	— (50%):	8 lx
— (100%):	17 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

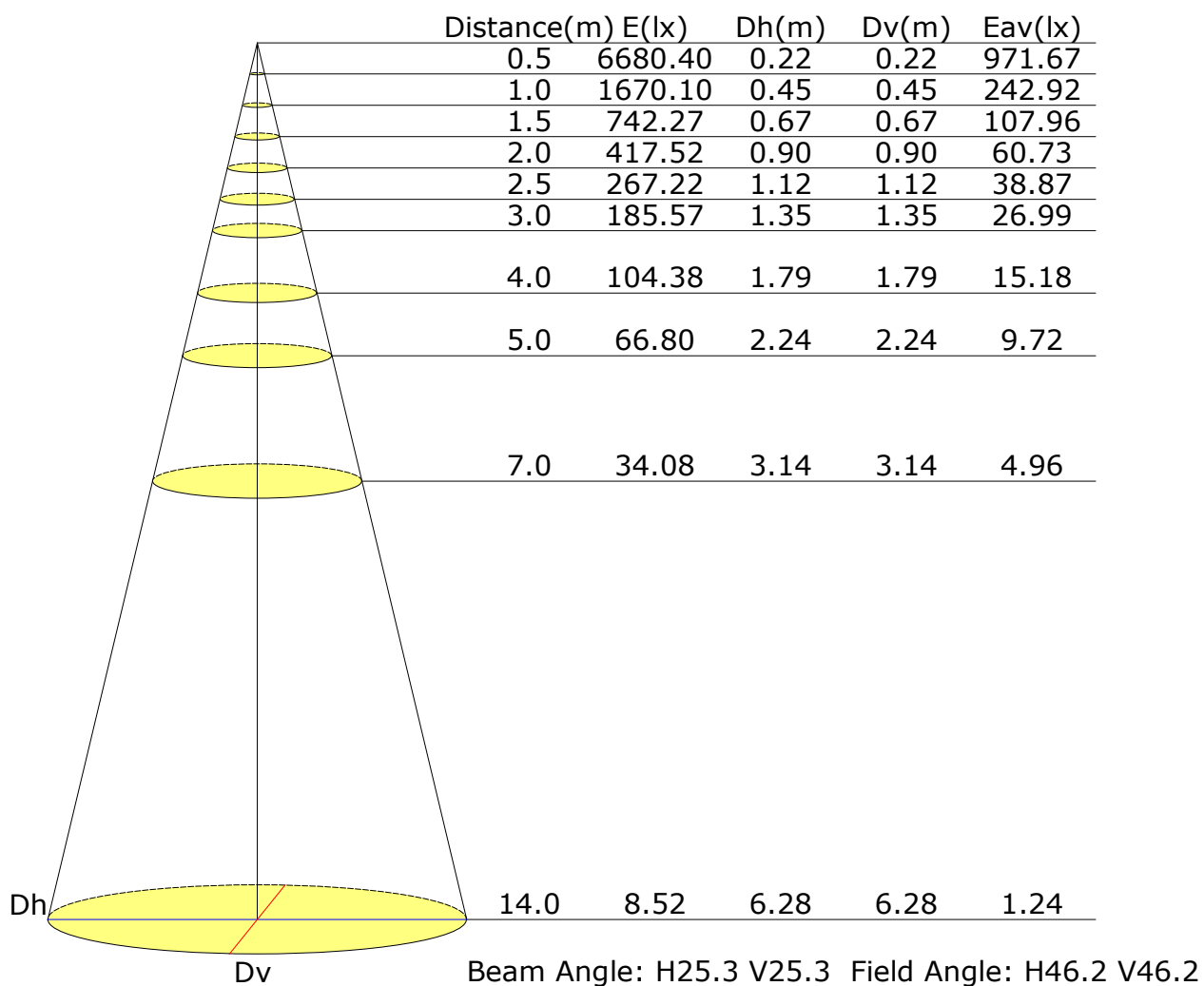
Test Device: CHL-6E

Distance: 3.000 m

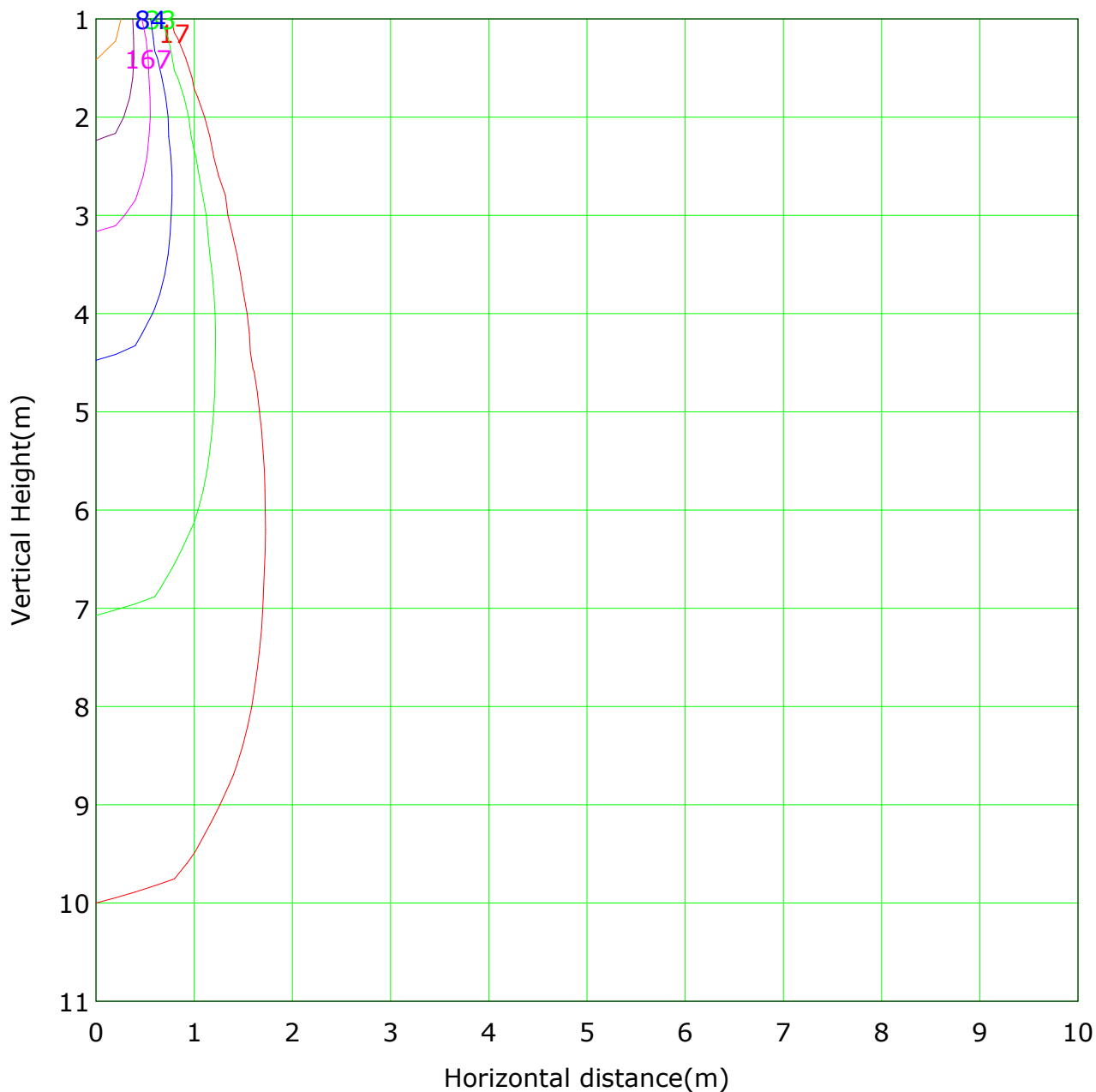
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot

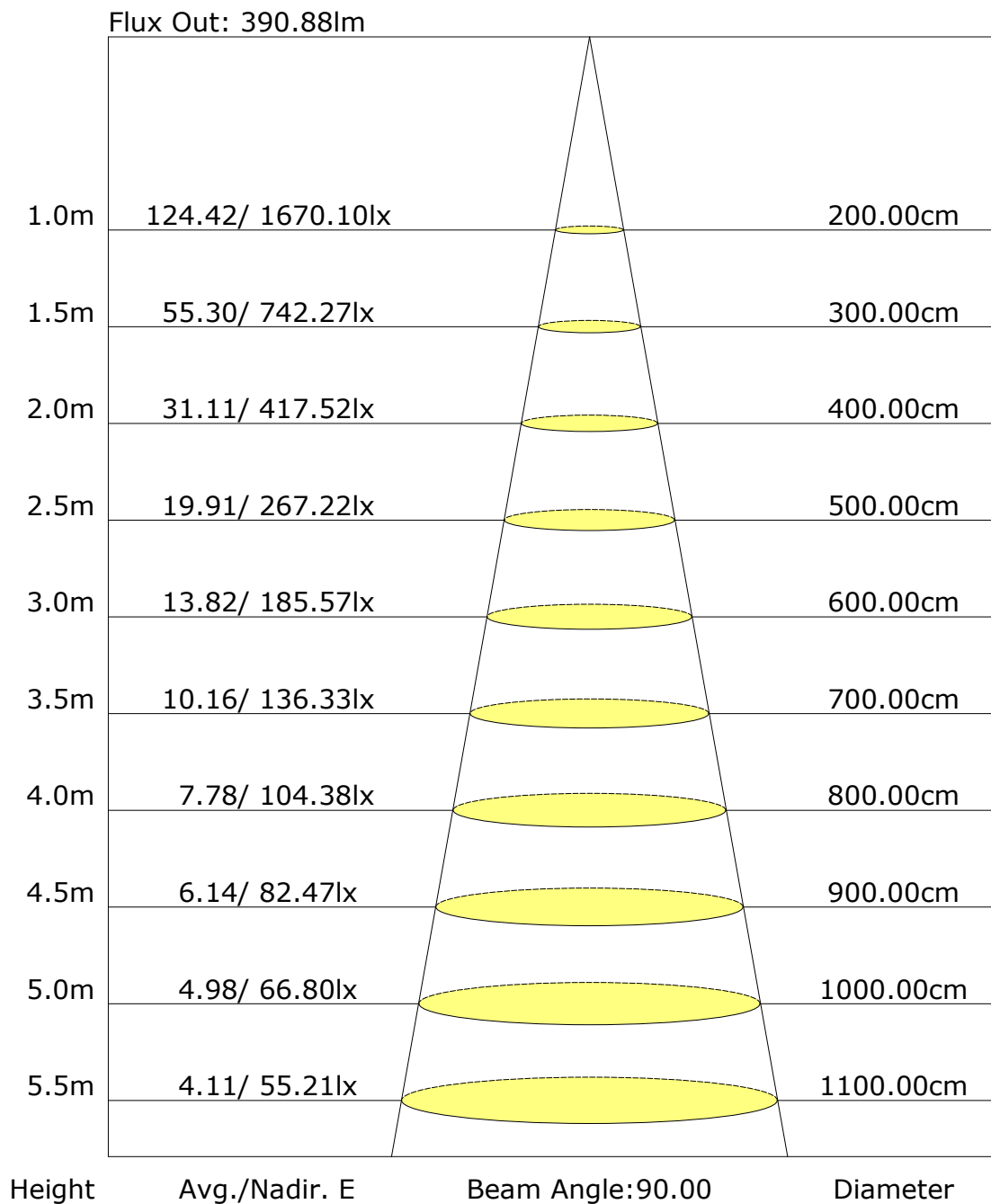


Lowest(m): 1m Highest(m): 11 Max Lux: 1670	
(1%): 17 lx	(2%): 33 lx
(5%): 84 lx	(10%): 167 lx
(20%): 334 lx	(50%): 835 lx
(100%): 1670 lx	

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: