

Report No.: 32.05522 Tracklight

Test Time: 2023-07-13 15:11

Luminaire Property

Luminaire Category: Bridgelux V6HD 3000K CRI90

Voltage: 209.8 V

Current: 0.119 A

Power: 14.40 W

Power Factor: 0.573

Photometric Results

CIE Class: Direct

Measurement Flux: 1182.8 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H22.3

Vertical Diffuse Angle(50%): V22.3

Luminaire Efficacy Rating (LER): 82

Max. Intensity: 6696.07 cd

Total Rated Lamp Lumens: 1182.8 lm

Efficiency: 100%

Upward Ratio: 0%

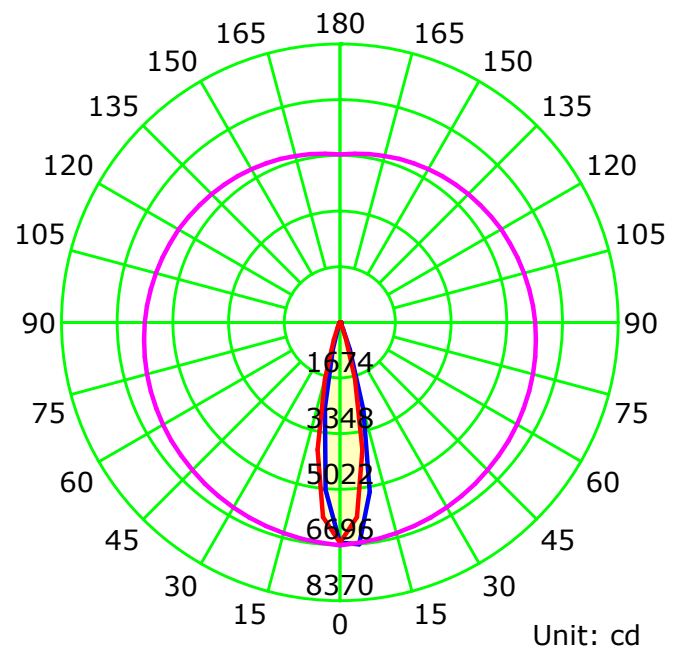
Central Intensity: 6625.15 cd

Pos of Max. Intensity: H0 V5

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270 — G5

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

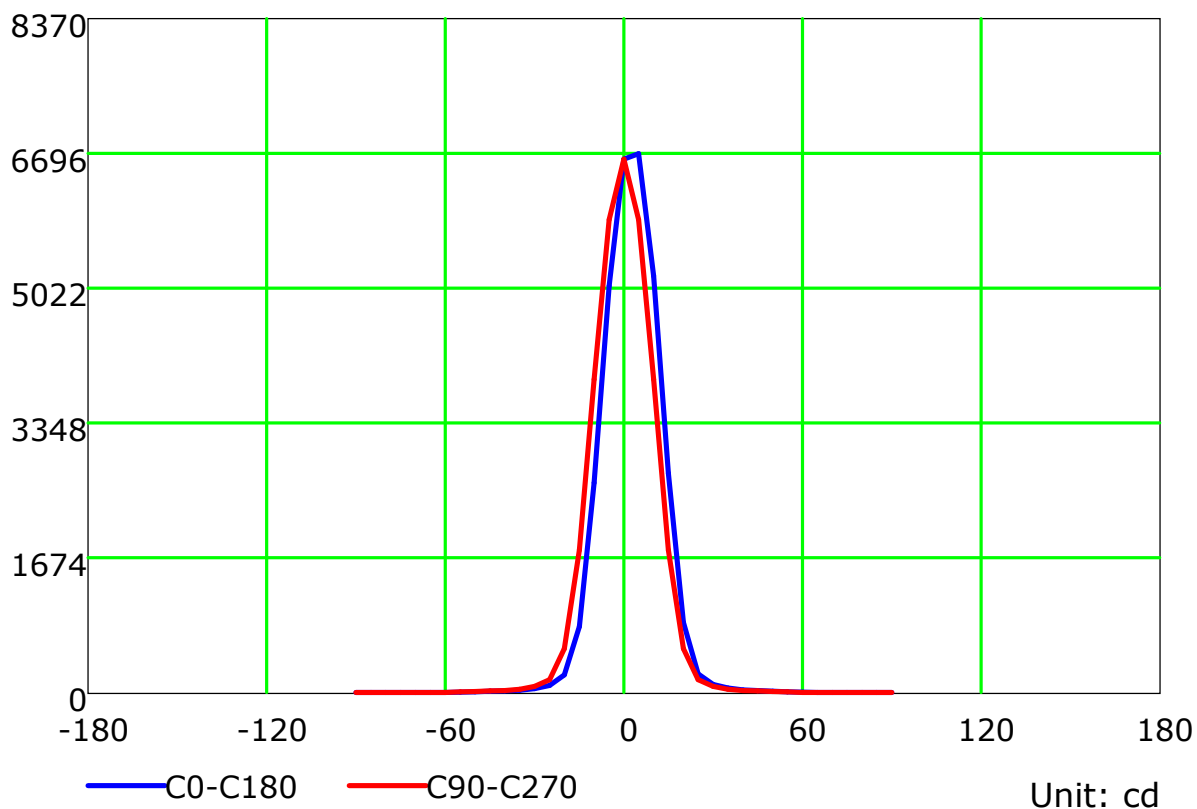
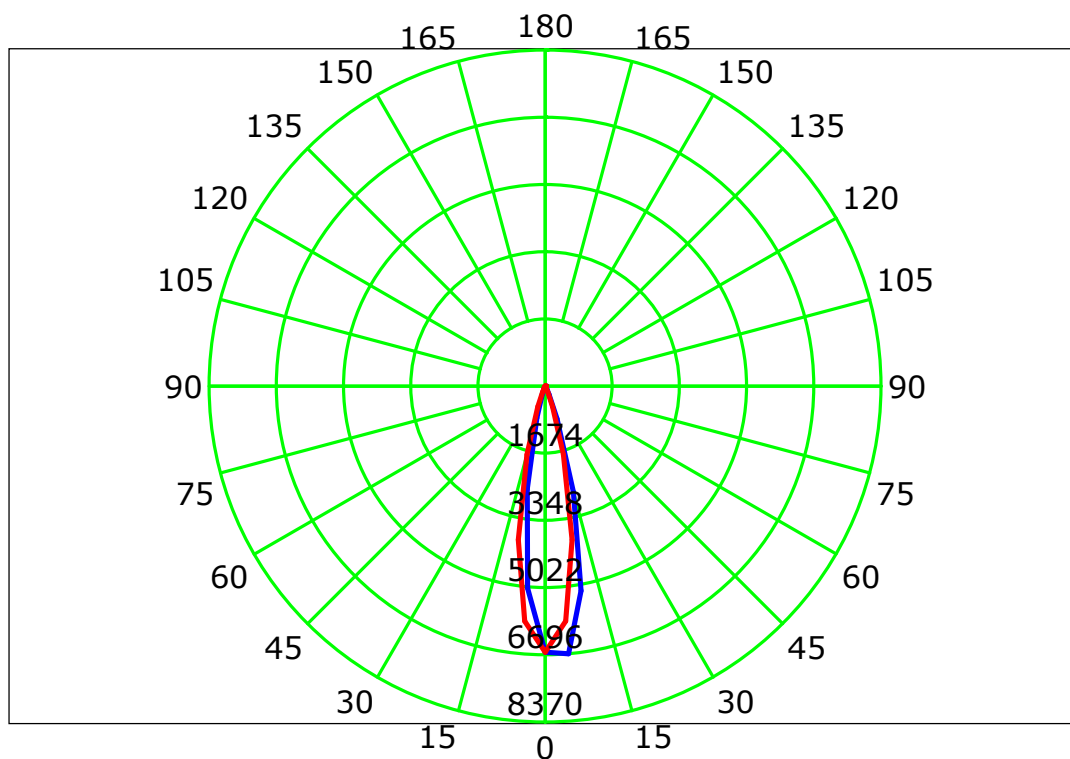
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

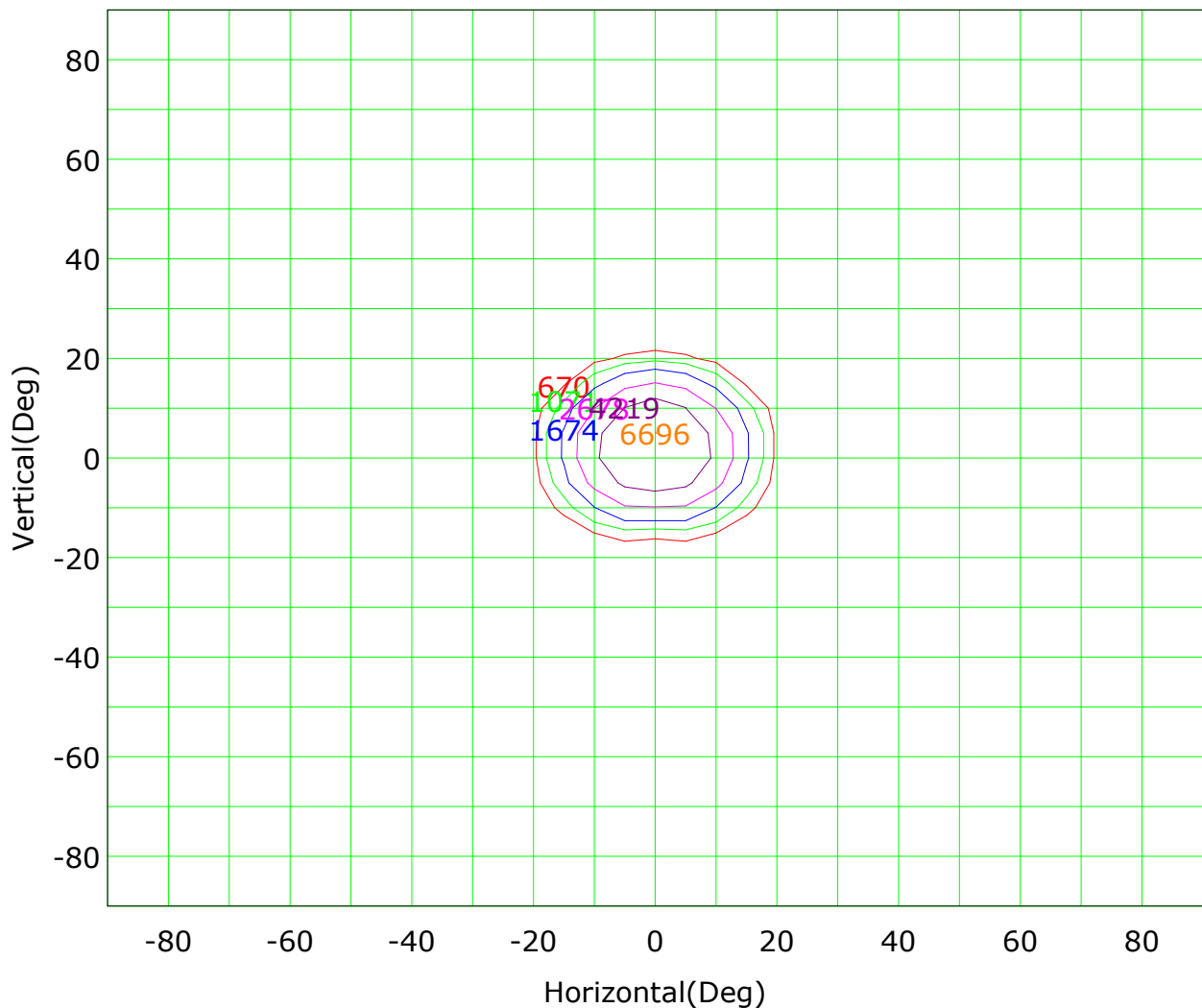
Luminous Intensity Distribution Curve



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%): 6696 cd

(10%): 670 cd	(16%): 1071 cd
(25%): 1674 cd	(40%): 2678 cd
(63%): 4219 cd	(100%): 6696 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

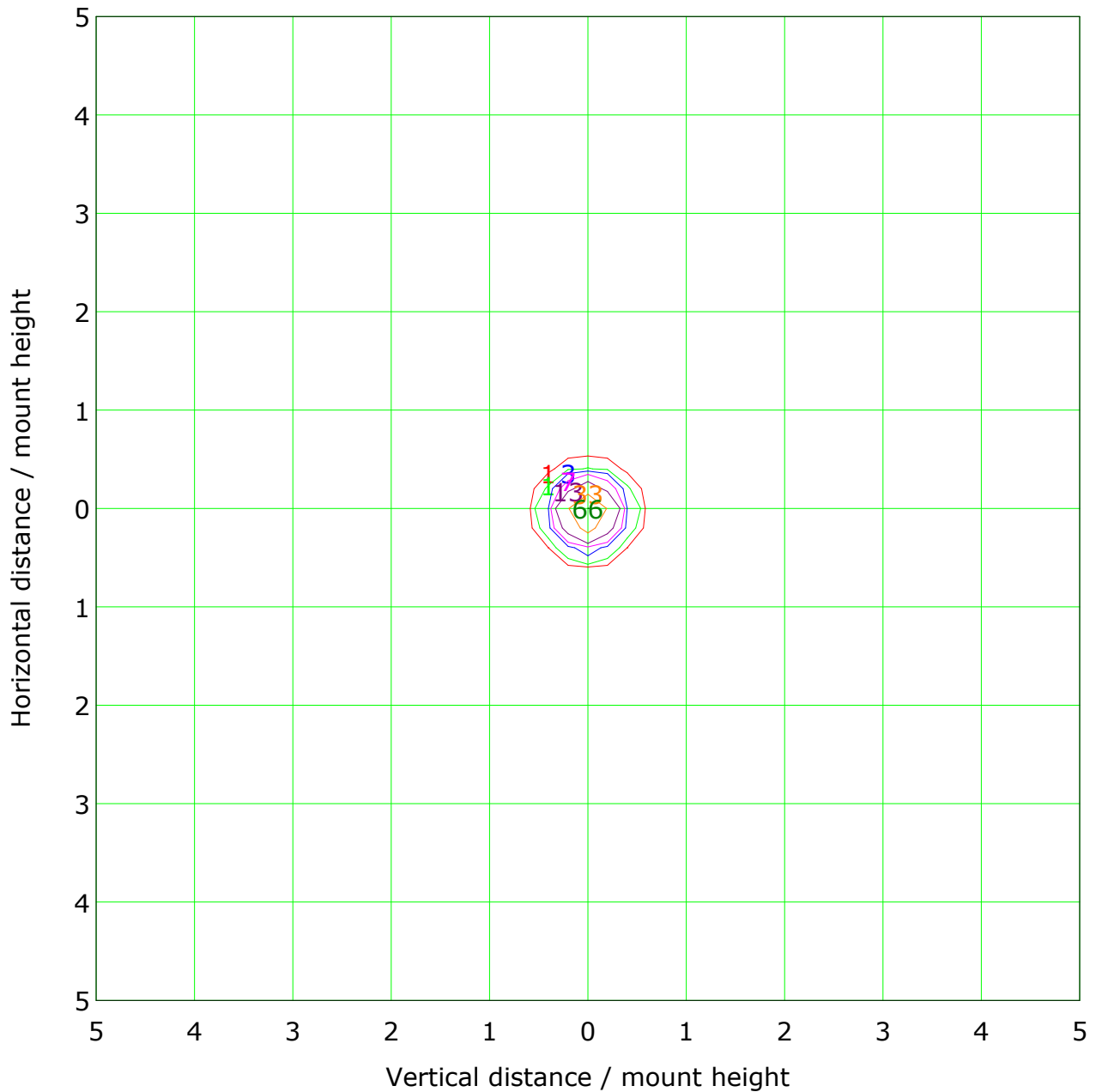
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot

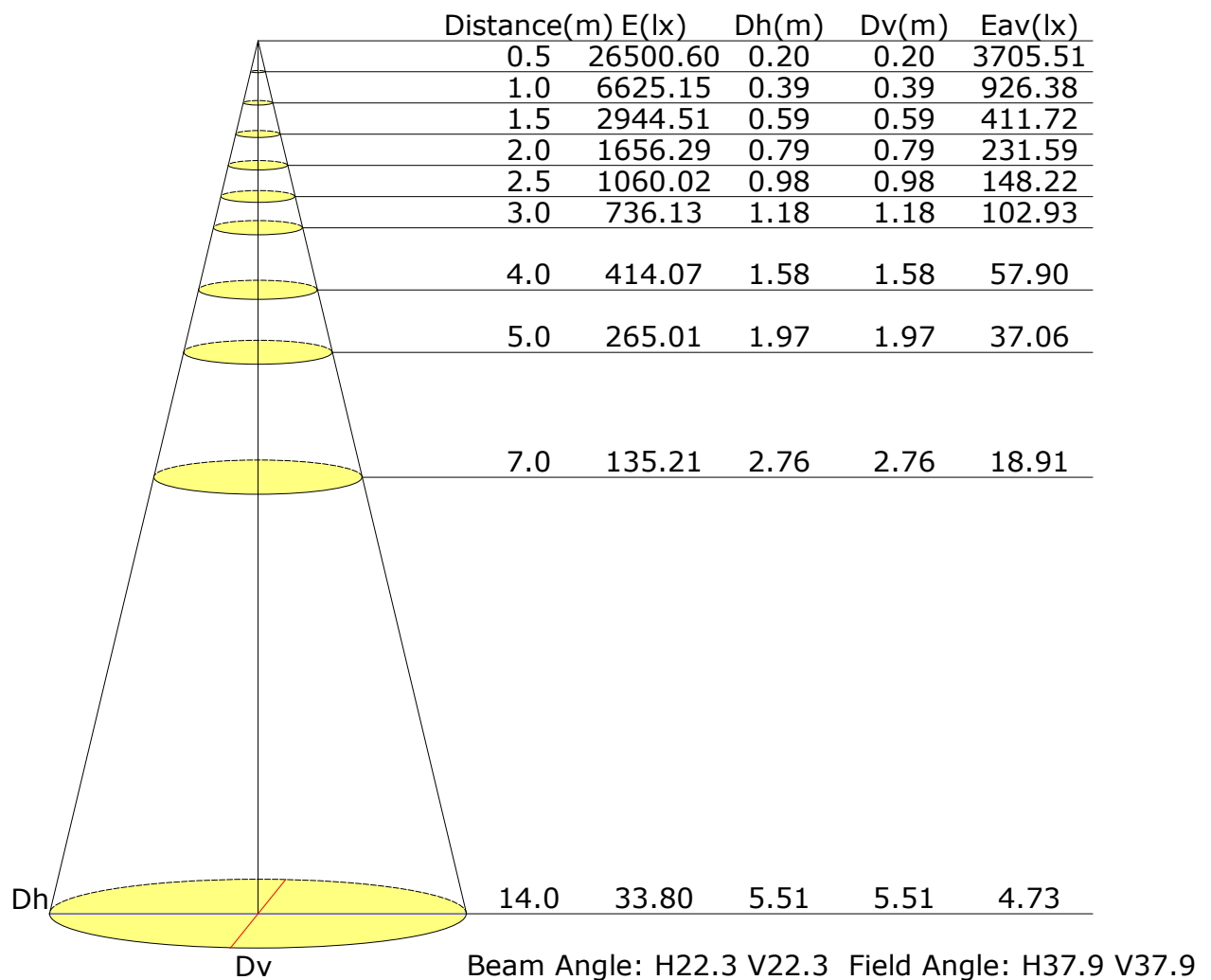


Mounting Height: 10m		Max Lux(100%): 66 lx	
(1%):	1 lx	(2%):	1 lx
(5%):	3 lx	(10%):	7 lx
(20%):	13 lx	(50%):	33 lx
(100%):	66 lx		

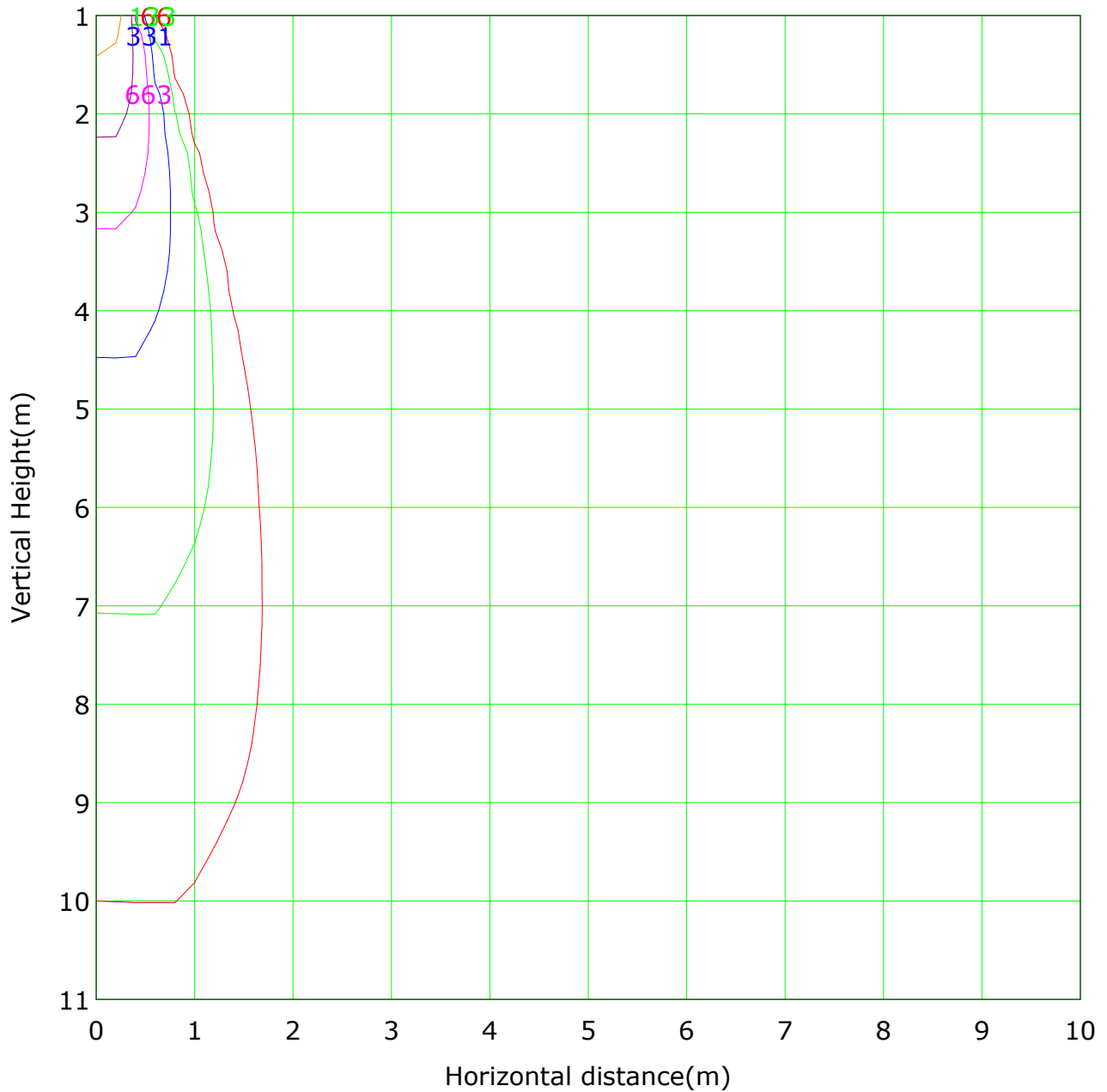
C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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



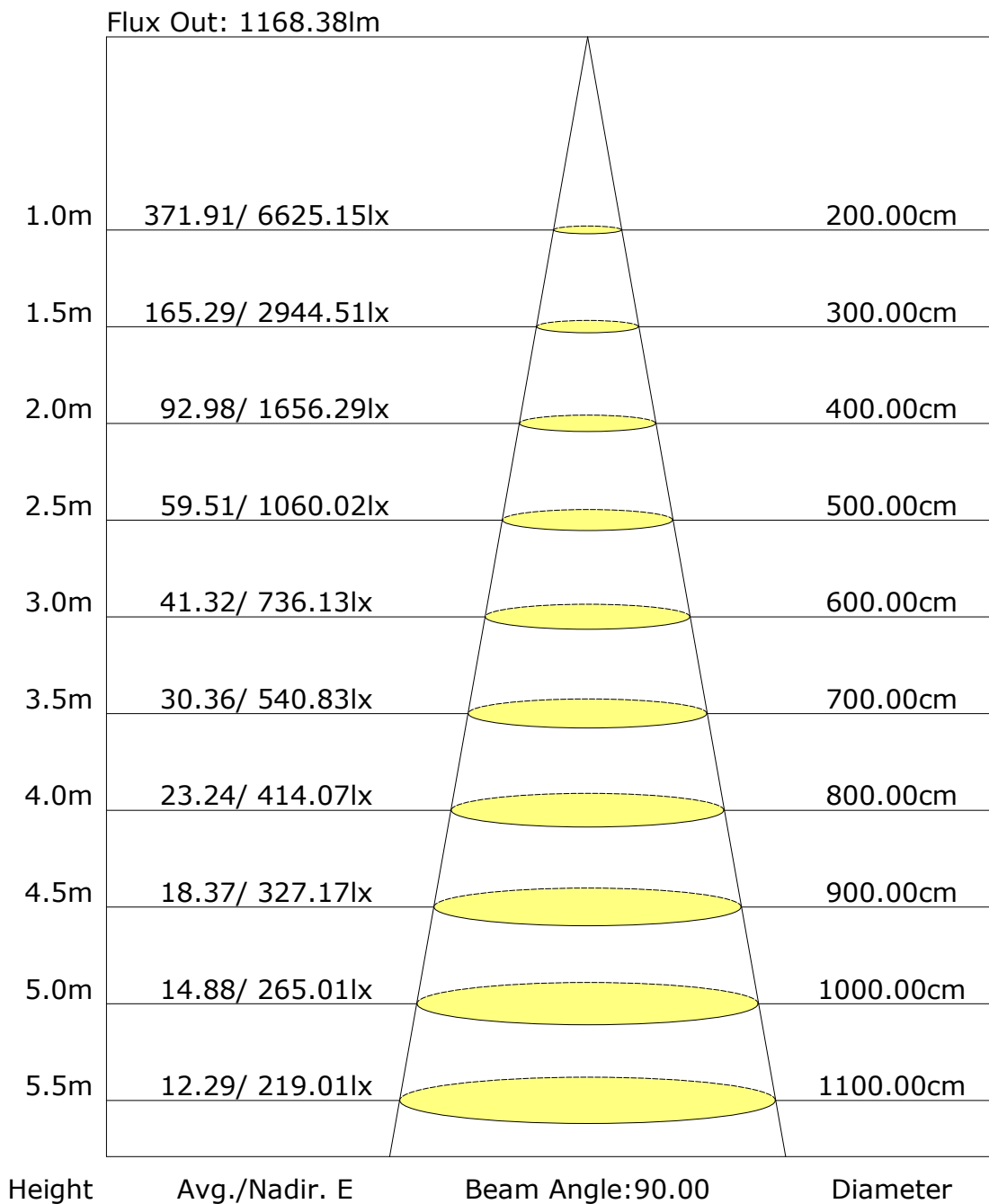
Lowest(m): 1m Highest(m): 11 Max Lux: 6625

(1%): 66 lx	(2%): 133 lx
(5%): 331 lx	(10%): 663 lx
(20%): 1325 lx	(50%): 3313 lx
(100%): 6625 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: