

Report No.: 62.07013 OPAL Tracklight

Test Time: 2023-07-08 10:23

Luminaire Property

Luminaire Category: Citizen 1205 3000K CRI90

Luminaire Description: 34D

Current: 0.261 A

Power Factor: 0.499

Voltage: 207.5 V

Power: 27.20 W

Photometric Results

CIE Class: Direct

Measurement Flux: 2348.3 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H33.9

Vertical Diffuse Angle(50%): V33.9

Luminaire Efficacy Rating (LER): 86

Max. Intensity: 6846 cd

Total Rated Lamp Lumens: 2348.3 lm

Efficiency: 100%

Upward Ratio: 0%

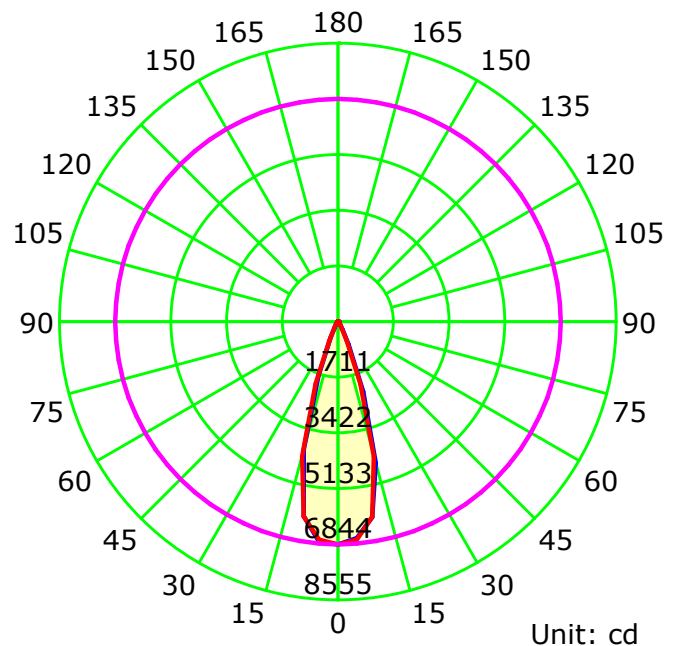
Central Intensity: 6845.99 cd

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

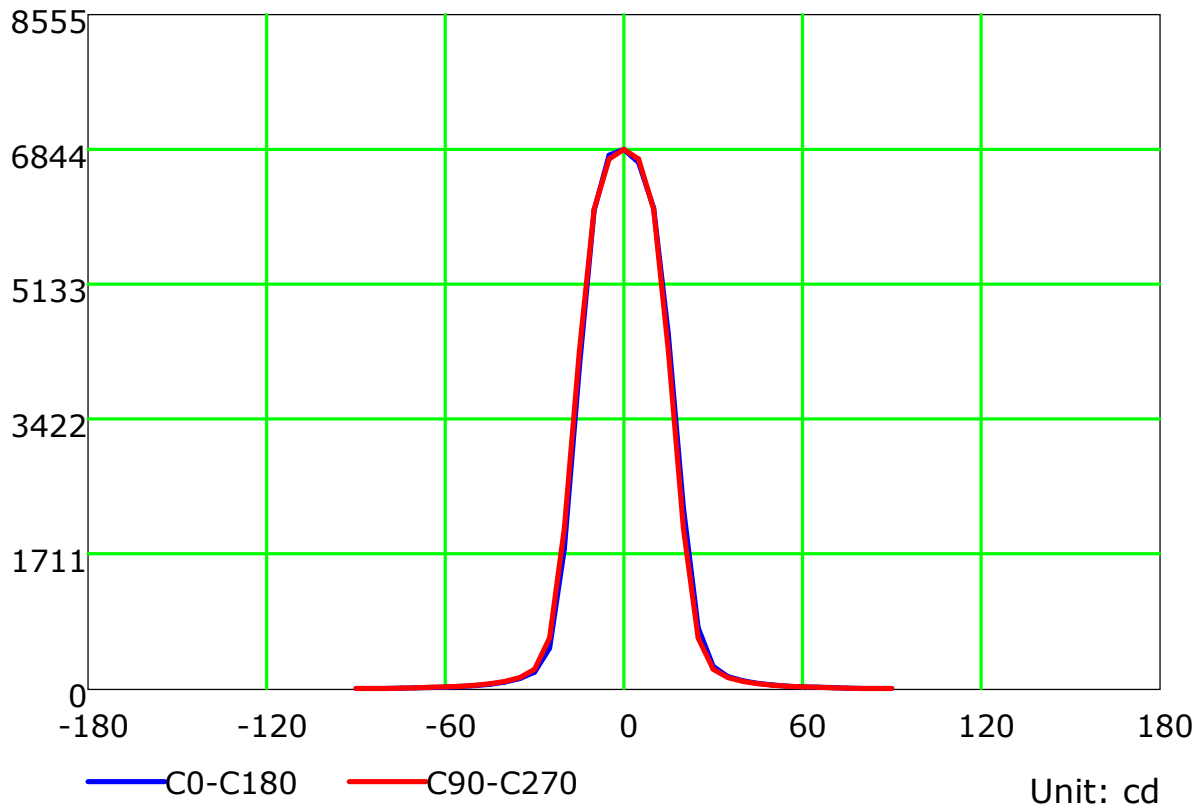
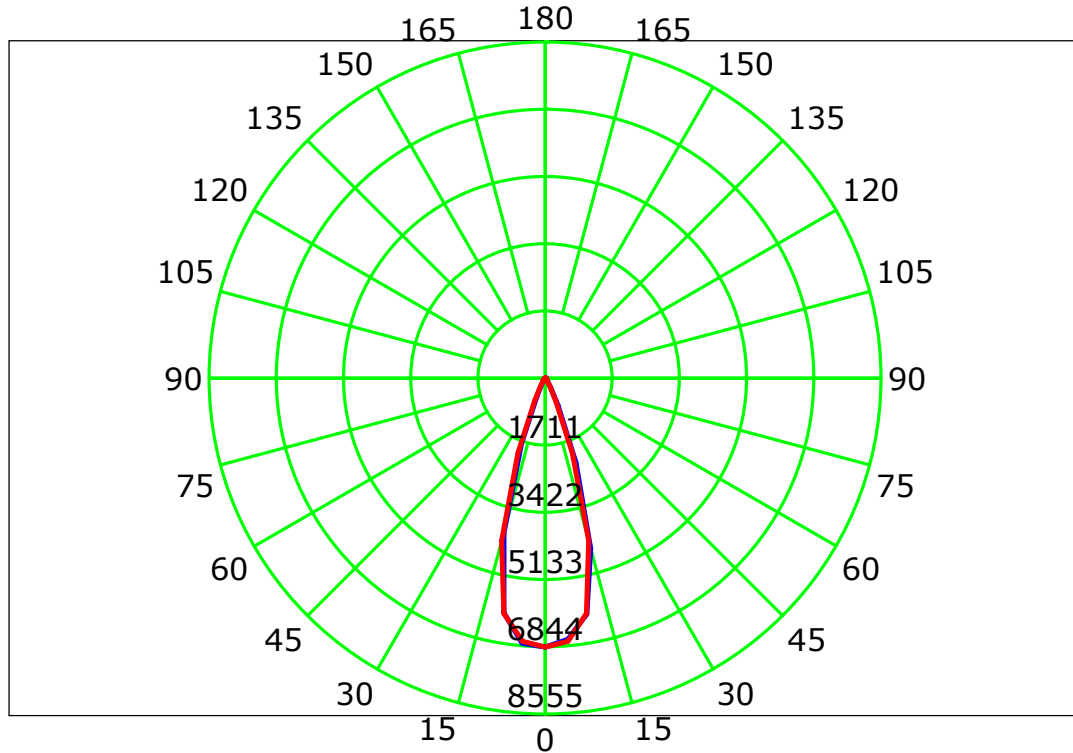
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

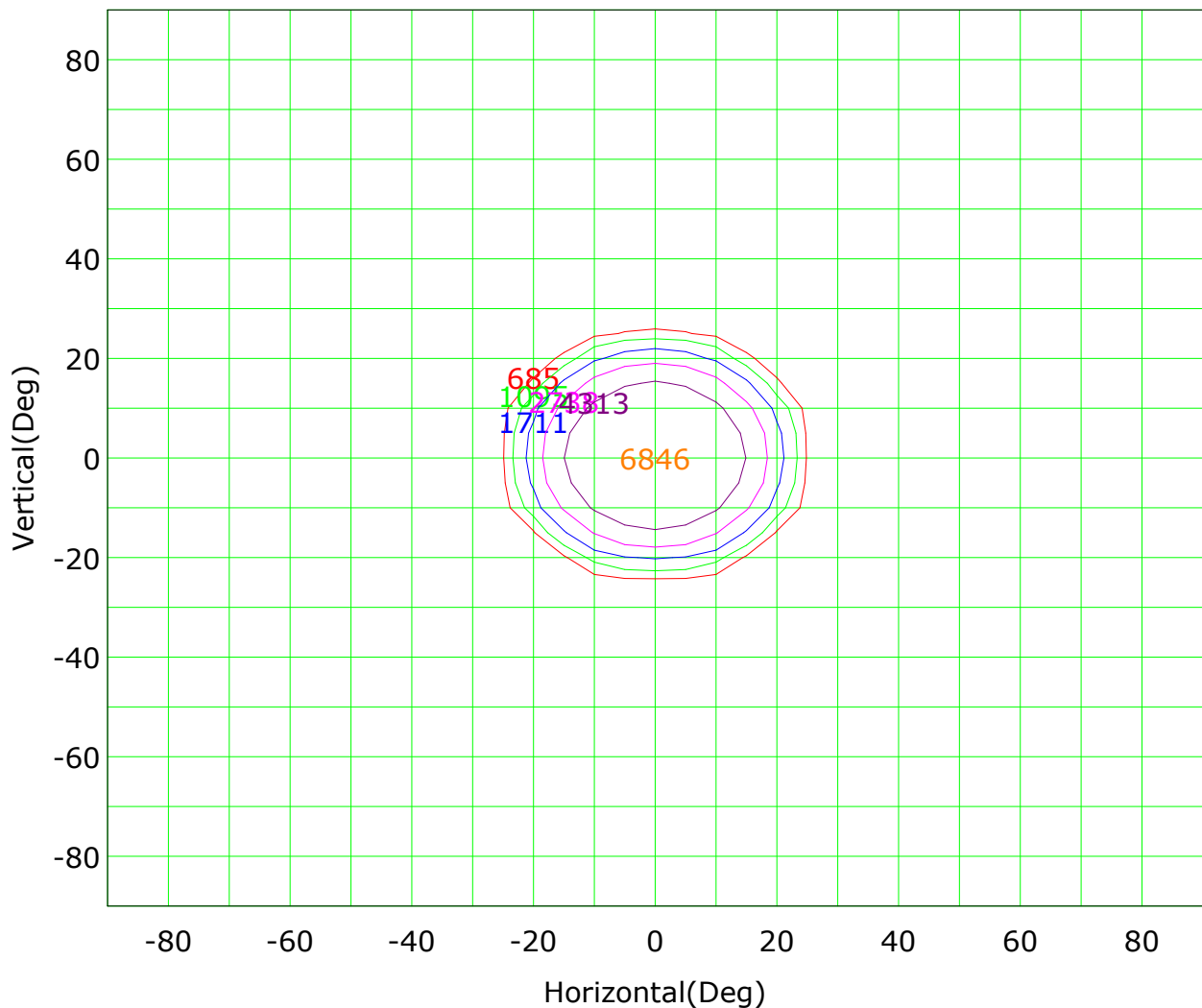
Luminous Intensity Distribution Curve



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%): 6846 cd

(10%): 685 cd	(16%): 1095 cd
(25%): 1711 cd	(40%): 2738 cd
(63%): 4313 cd	(100%): 6846 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

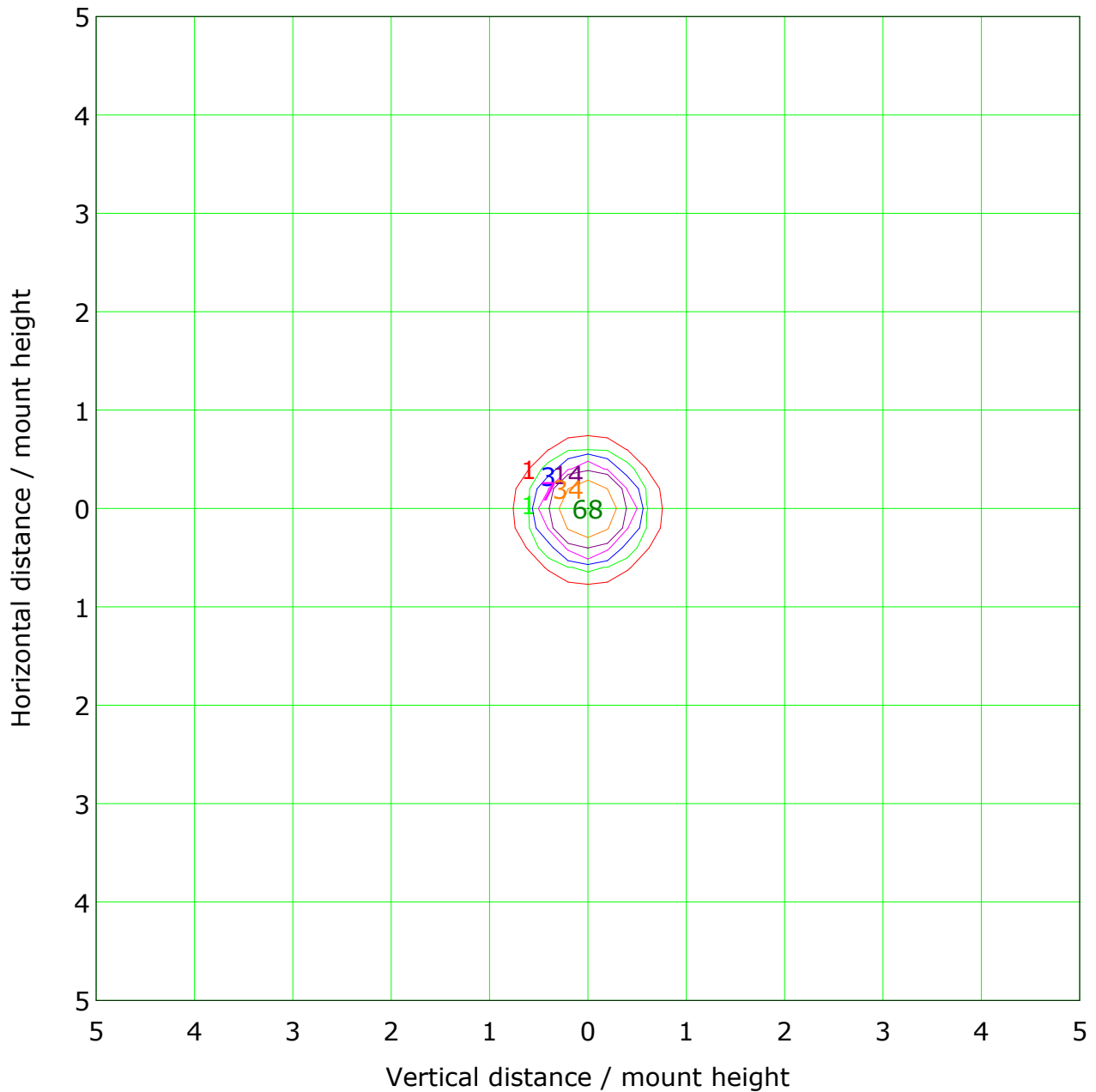
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot

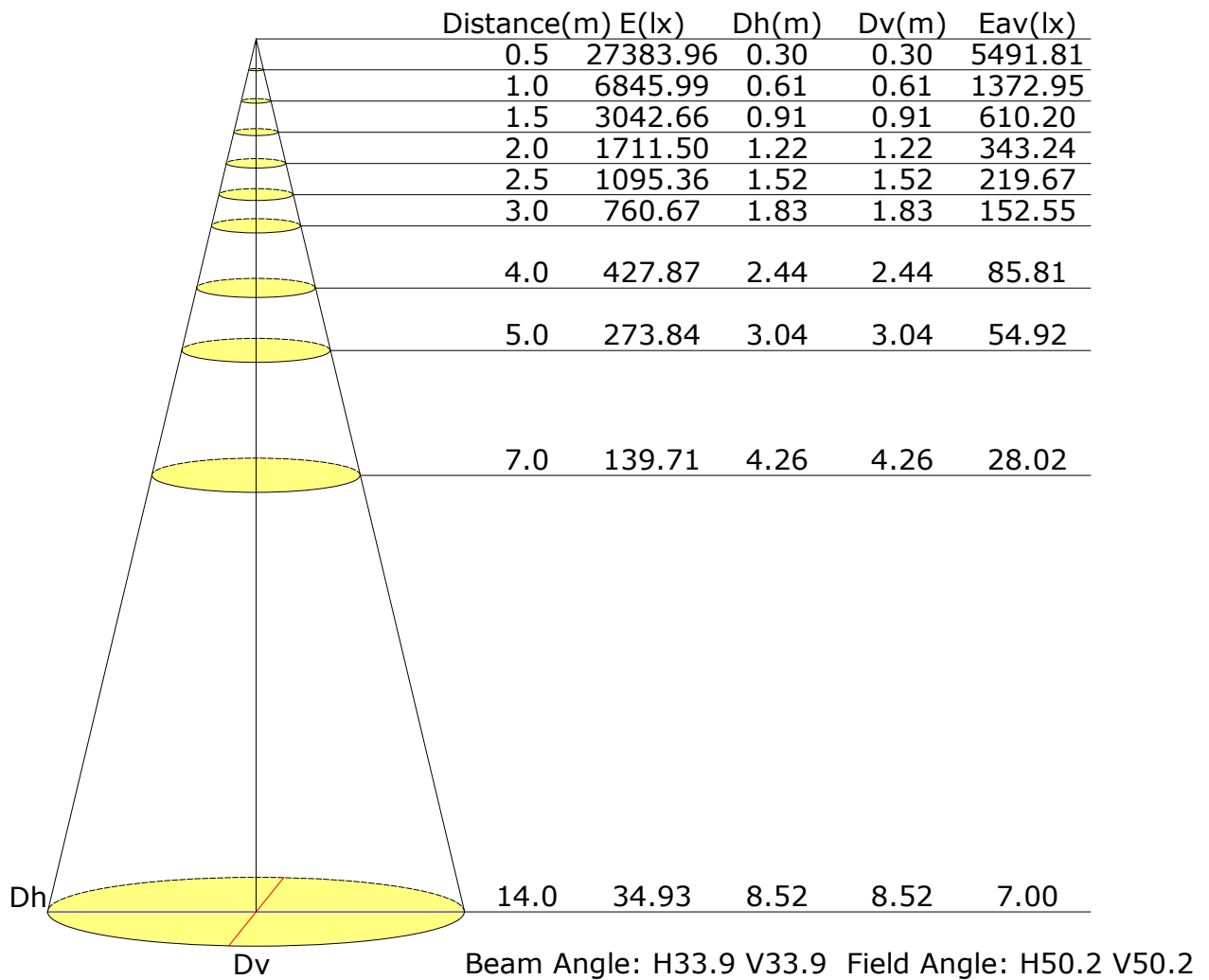


Mounting Height: 10m Max Lux(100%): 68 lx			
— (1%):	1 lx	— (2%):	1 lx
— (5%):	3 lx	— (10%):	7 lx
— (20%):	14 lx	— (50%):	34 lx
— (100%):	68 lx		

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



C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

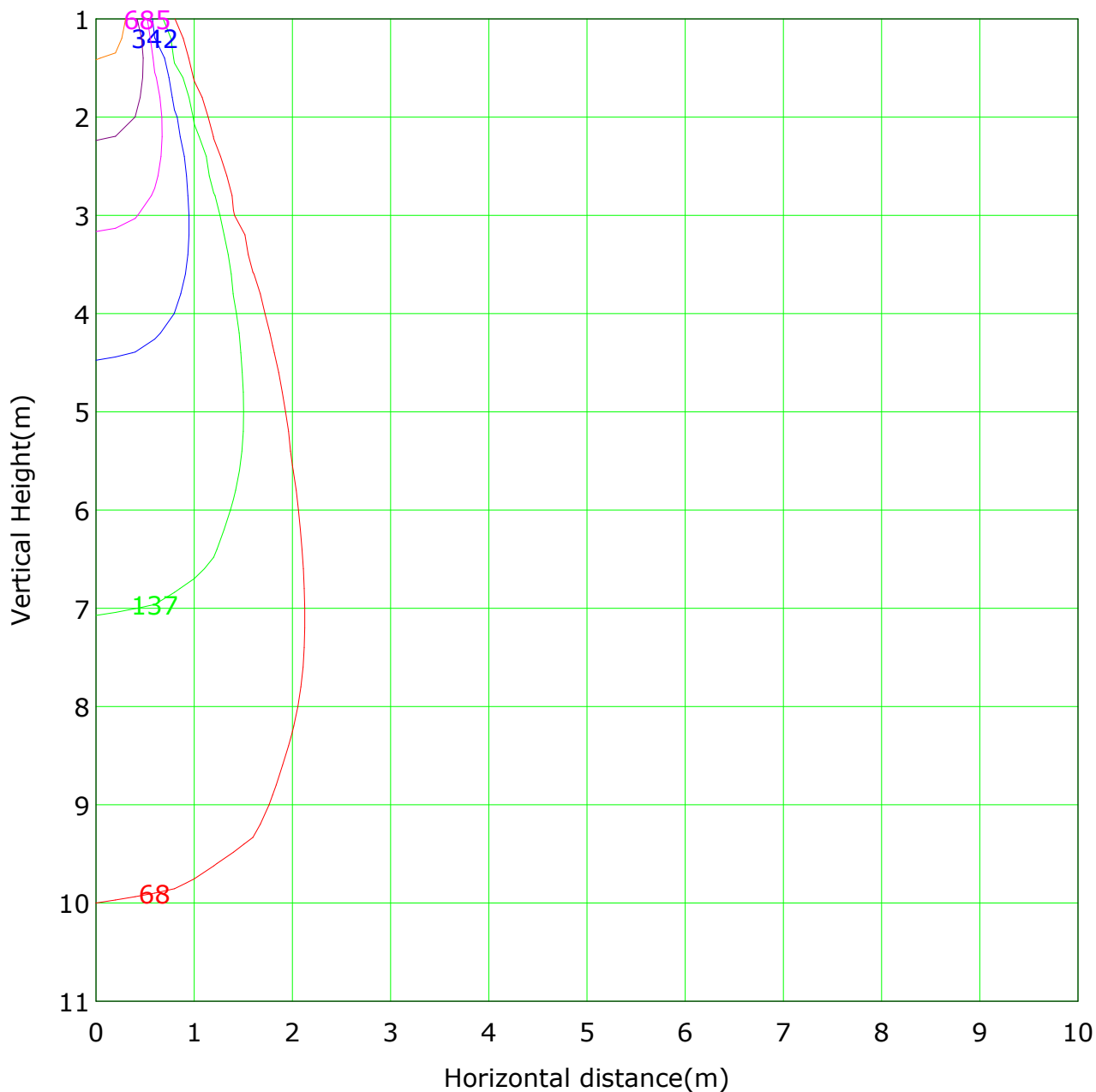
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

Vertical IsoLux Plot



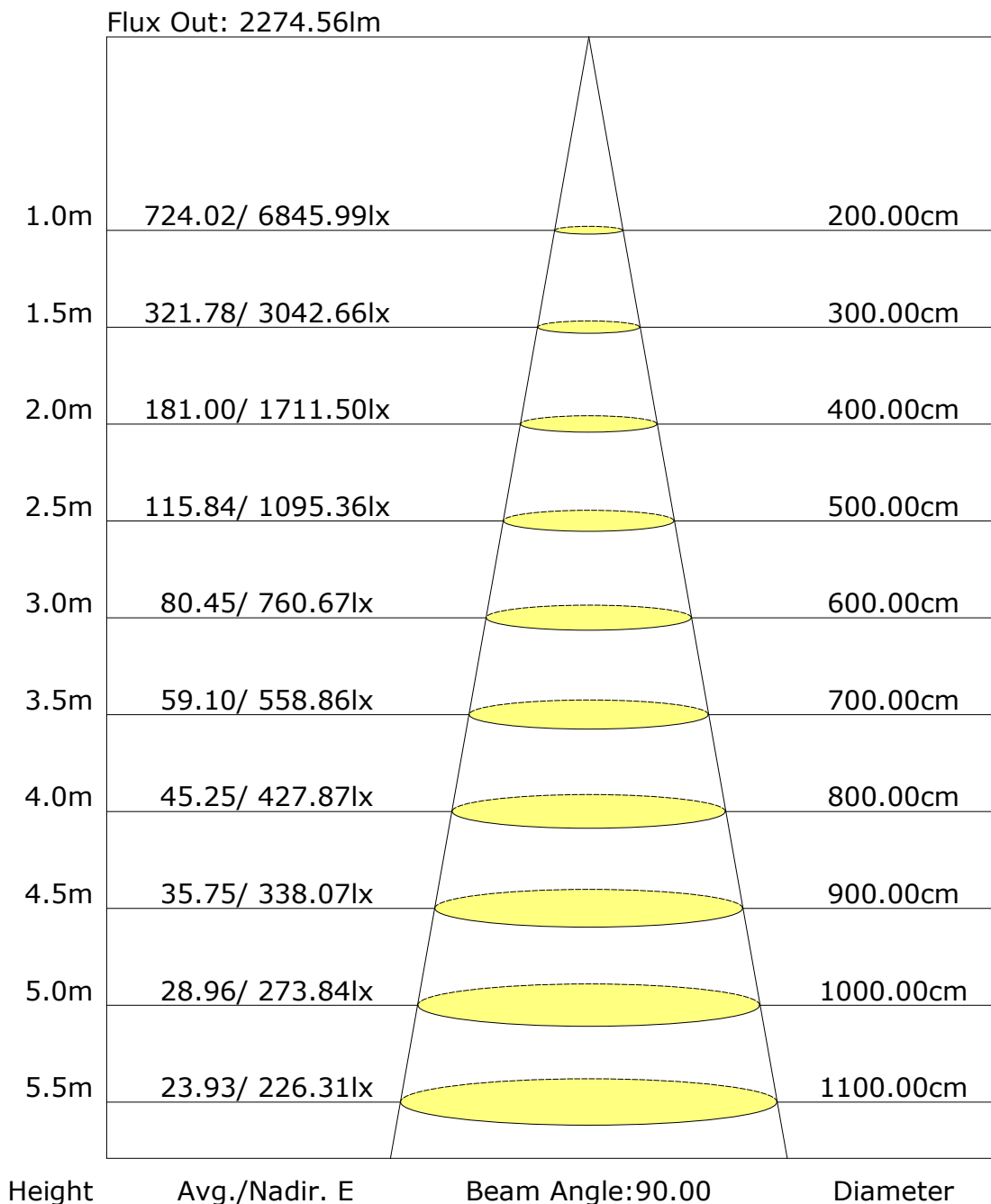
Lowest(m): 1m Highest(m): 11 Max Lux: 6846

(1%): 68 lx	(2%): 137 lx
(5%): 342 lx	(10%): 685 lx
(20%): 1369 lx	(50%): 3423 lx
(100%): 6846 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]

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:

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: