

Report No.: 32.07319 ARTAX Tracklight

Test Time: 2023-07-06 18:25

## Luminaire Property

Luminaire Category: Citizen 1204 3000K CRI90

Luminaire Description: 18D

Current: 0.095 A

Power Factor: 0.959

Voltage: 220.0 V

Power: 20.30 W

## Photometric Results

CIE Class: Direct

Measurement Flux: 806 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H18.3

Vertical Diffuse Angle(50%): V18.3

Luminaire Efficacy Rating (LER): 40

Max. Intensity: 9037.16 cd

Total Rated Lamp Lumens: 806.0 lm

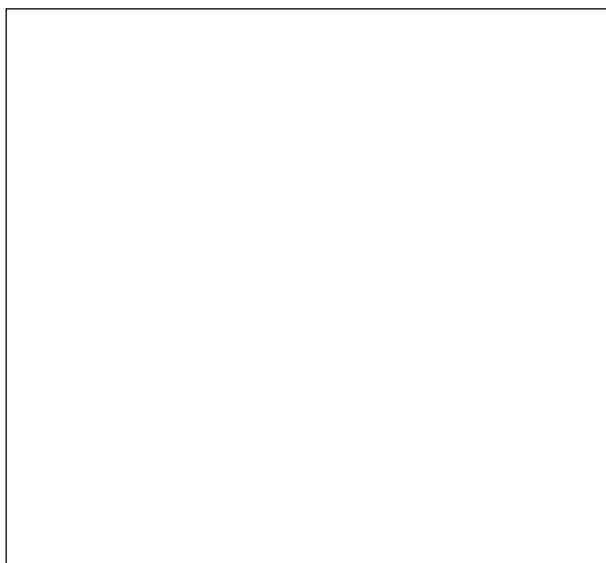
Efficiency: 100%

Upward Ratio: 0%

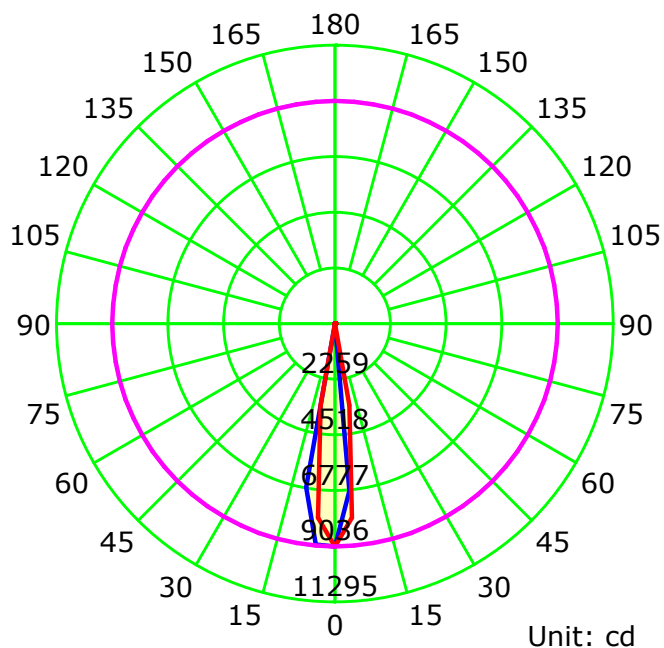
Central Intensity: 9037.15 cd

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

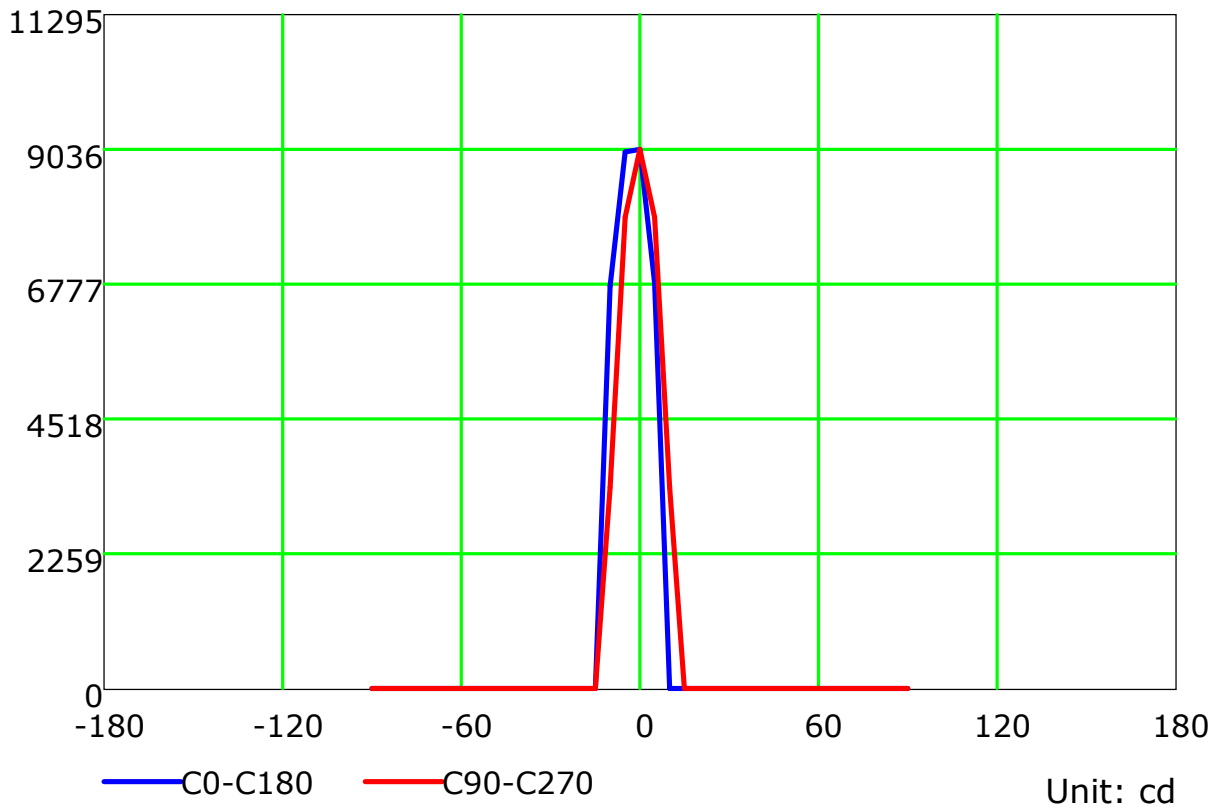
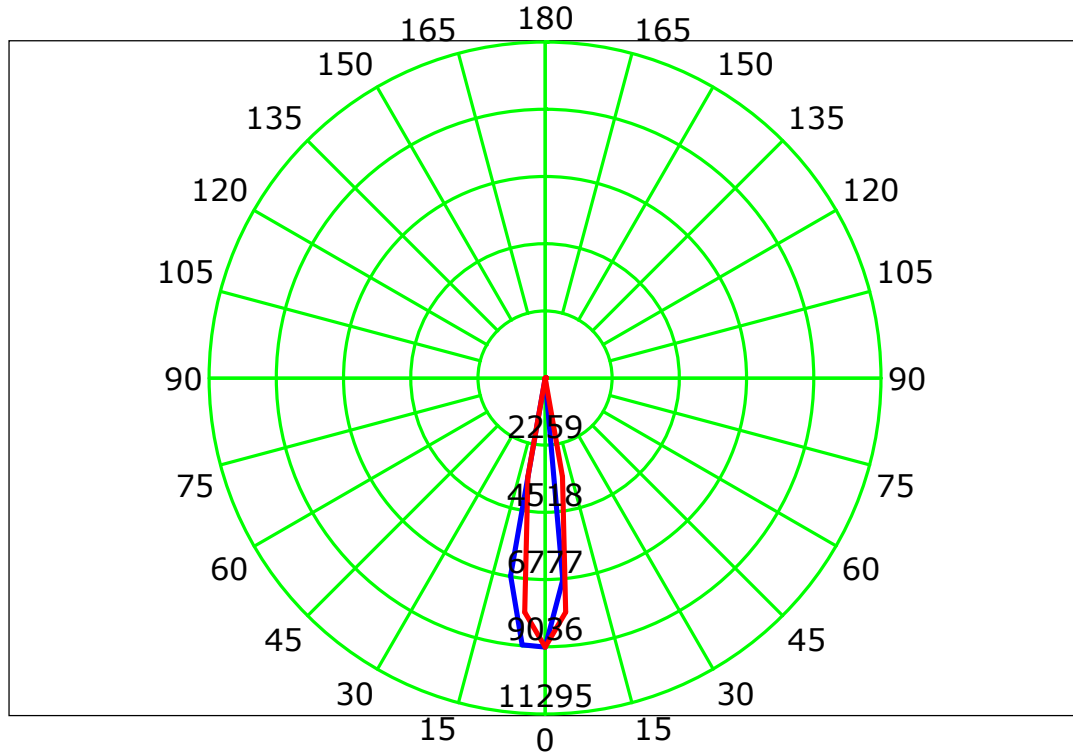
Test Device: CHL-6E

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

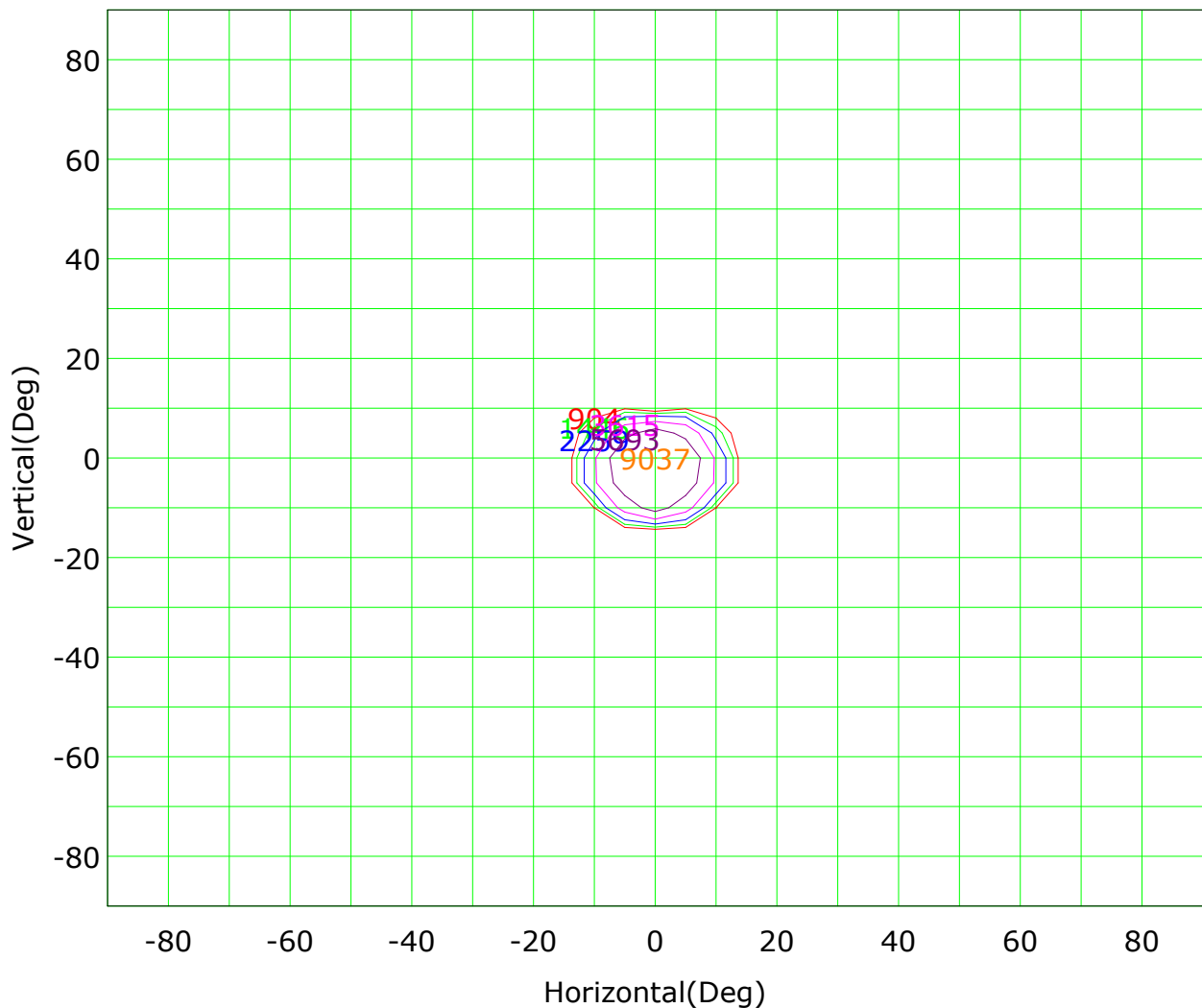
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## Isocandela (rectangle)



Imax (100%): 9037 cd

( 10%): 904 cd	( 16%): 1446 cd
( 25%): 2259 cd	( 40%): 3615 cd
( 63%): 5693 cd	(100%): 9037 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

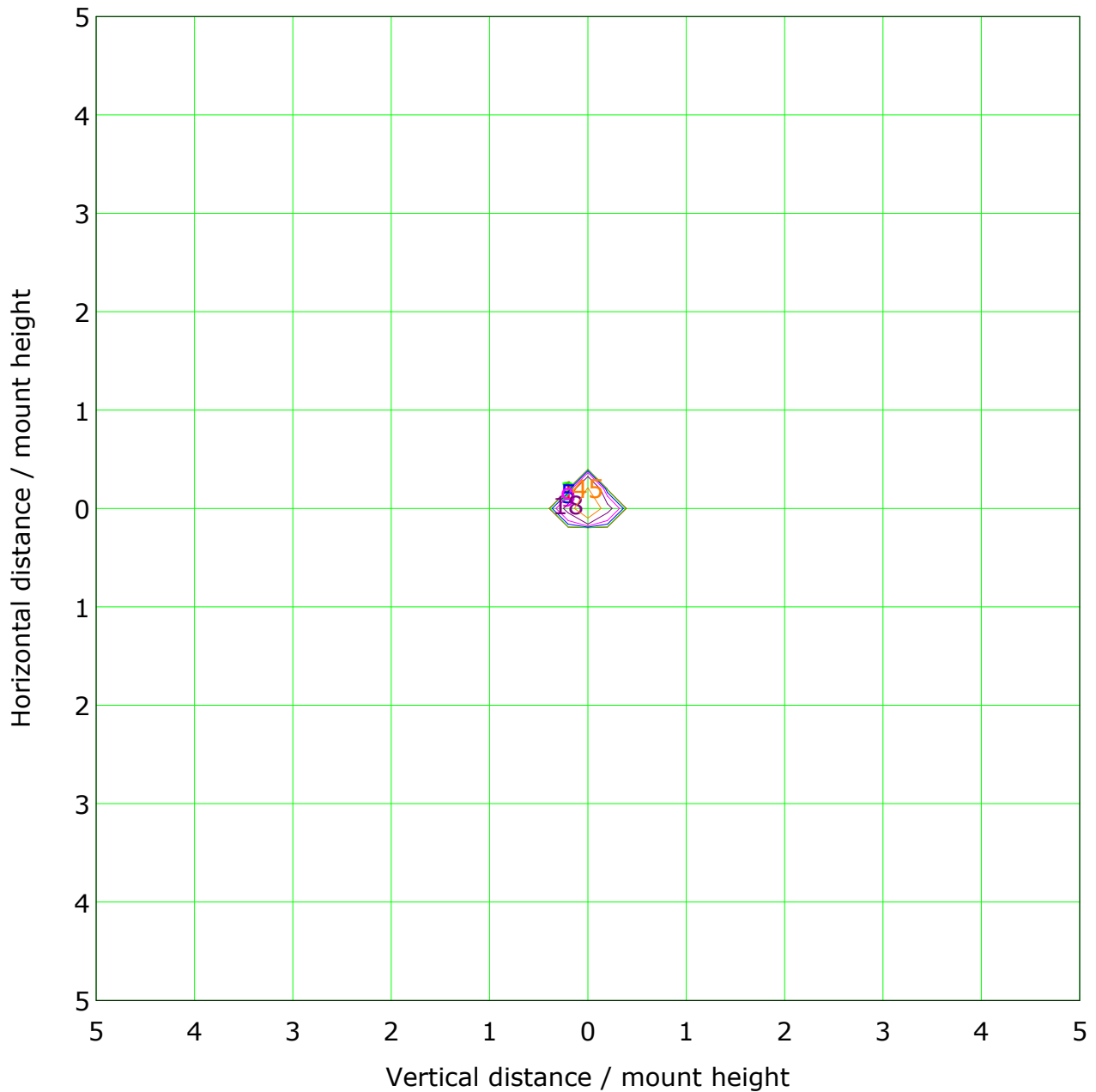
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot

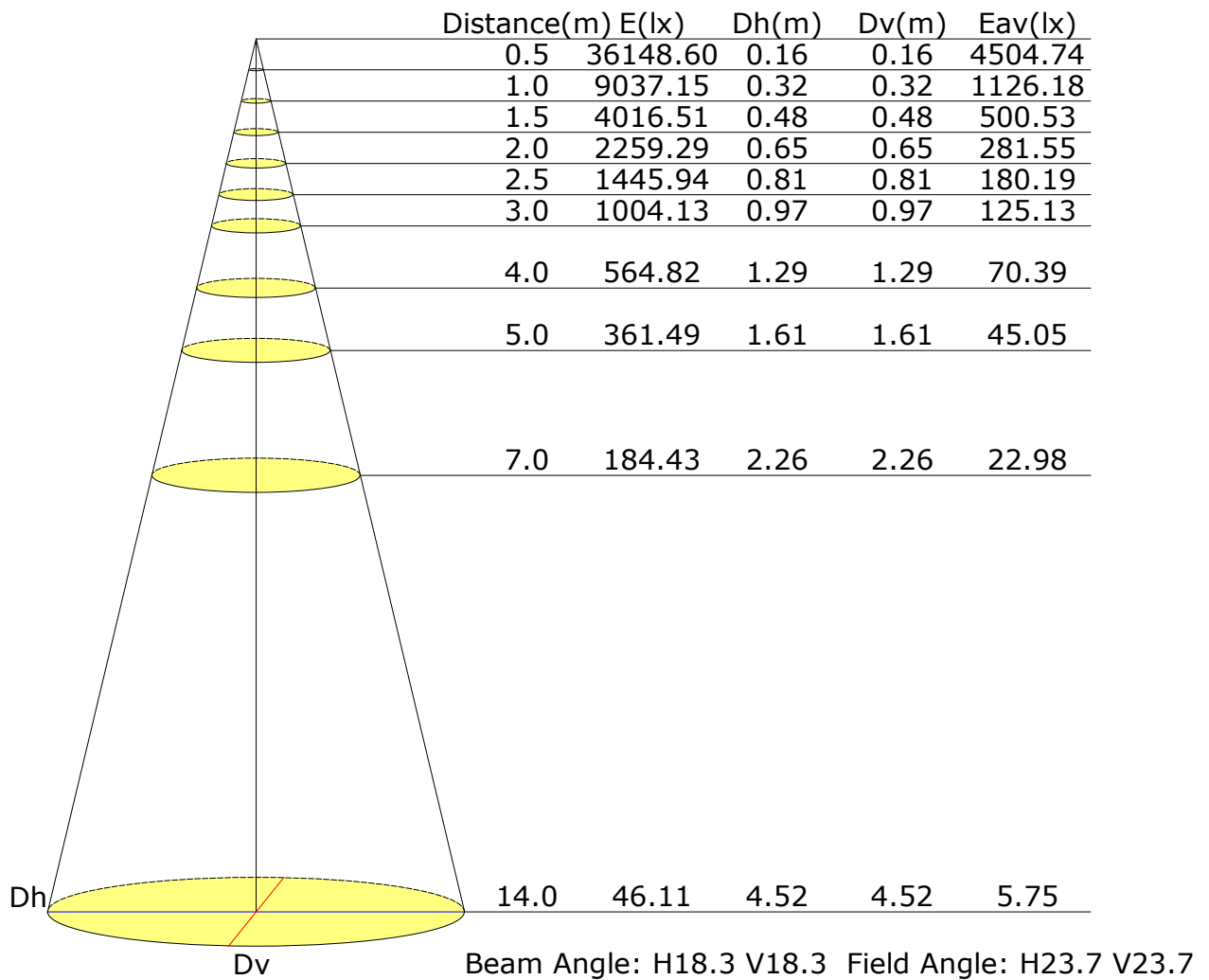


Mounting Height: 10m    Max Lux(100%): 90 lx			
— ( 1%):	1 lx	— ( 2%):	2 lx
— ( 5%):	5 lx	— ( 10%):	9 lx
— ( 20%):	18 lx	— ( 50%):	45 lx
— (100%):	90 lx		

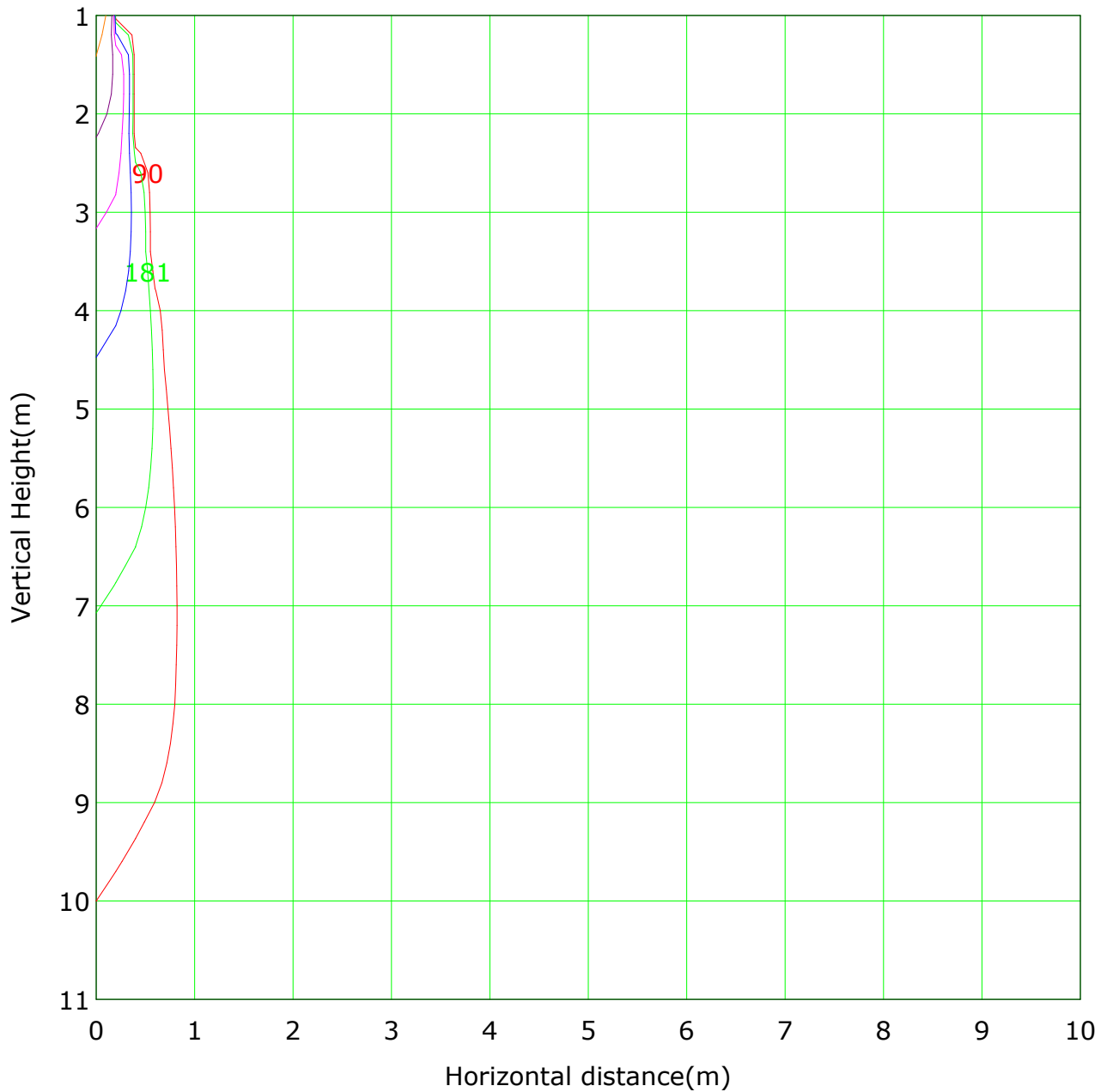
C Plane (°):0.0-180.0: 180.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

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



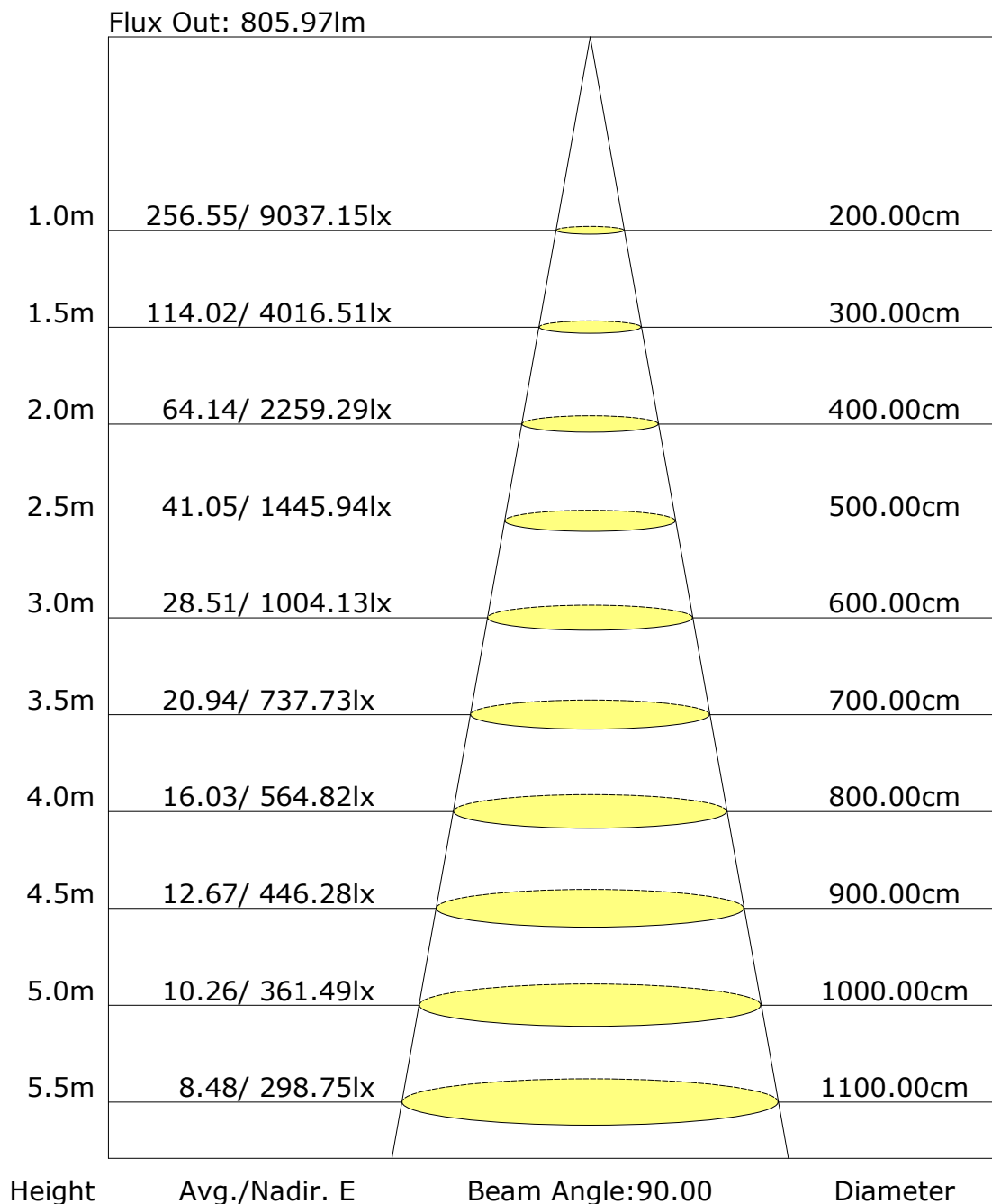
Lowest(m): 1m    Highest(m): 11    Max Lux: 9037

( 1%): 90 lx	( 2%): 181 lx
( 5%): 452 lx	( 10%): 904 lx
( 20%): 1807 lx	( 50%): 4519 lx
(100%): 9037 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: