

Report No.: 62.04012 NEK Tracklight

Test Time: 2023-07-18 21:20

## Luminaire Property

Luminaire Category: Citizen 1202 3000K CRI90

Luminaire Description: 34D

Current: 0.084 A

Power Factor: 0.573

Voltage: 216.8 V

Power: 10.50 W

## Photometric Results

CIE Class: Direct

Measurement Flux: 628.3 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H34.1

Vertical Diffuse Angle(50%): V34.1

Luminaire Efficacy Rating (LER): 60

Max. Intensity: 1827.57 cd

Total Rated Lamp Lumens: 628.3 lm

Efficiency: 100%

Upward Ratio: 0%

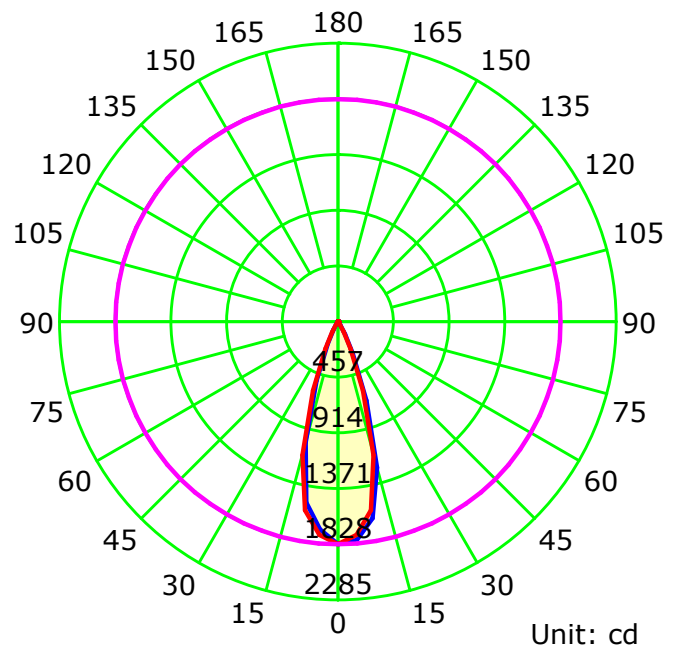
Central Intensity: 1827.57 cd

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

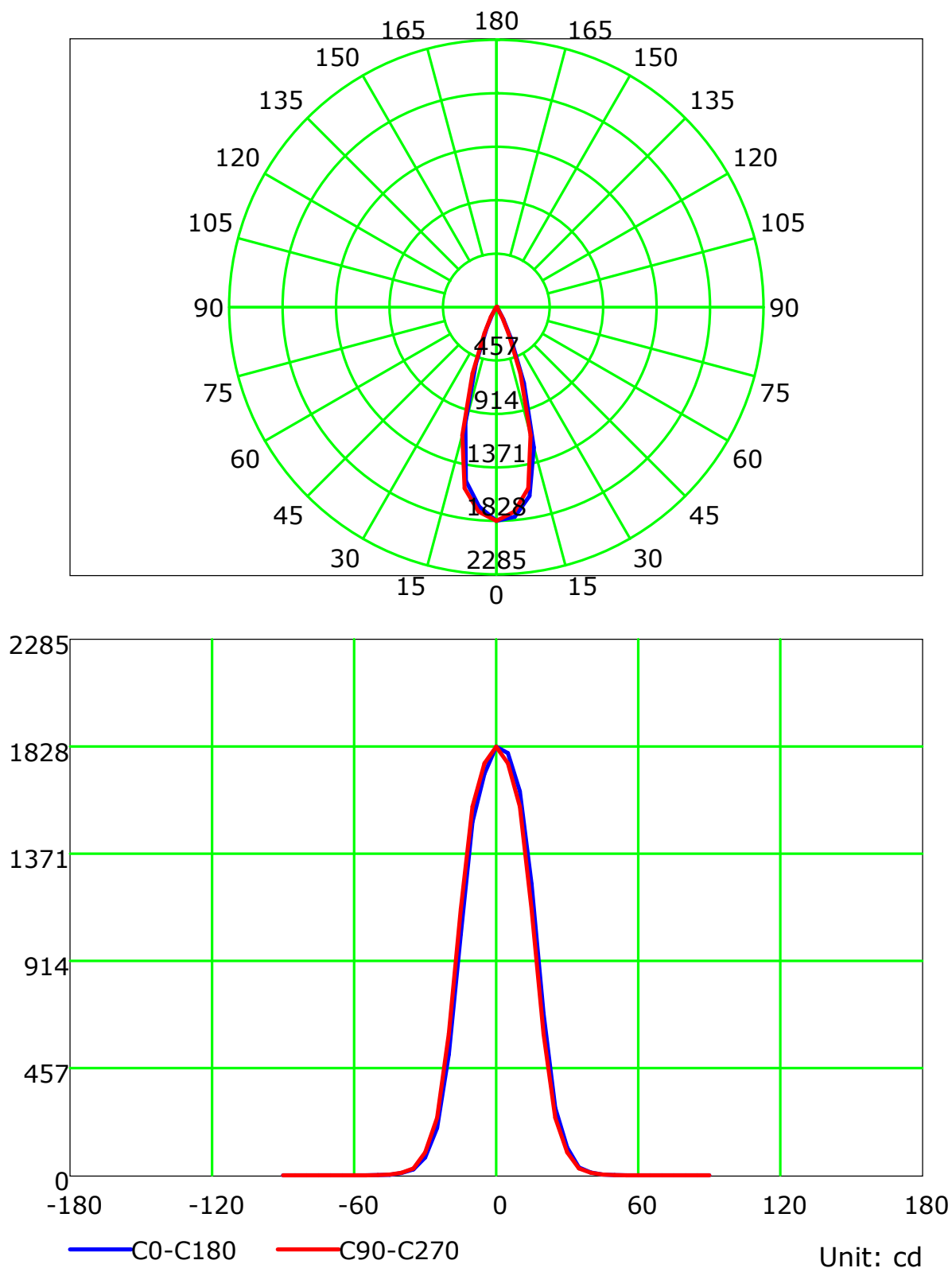
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

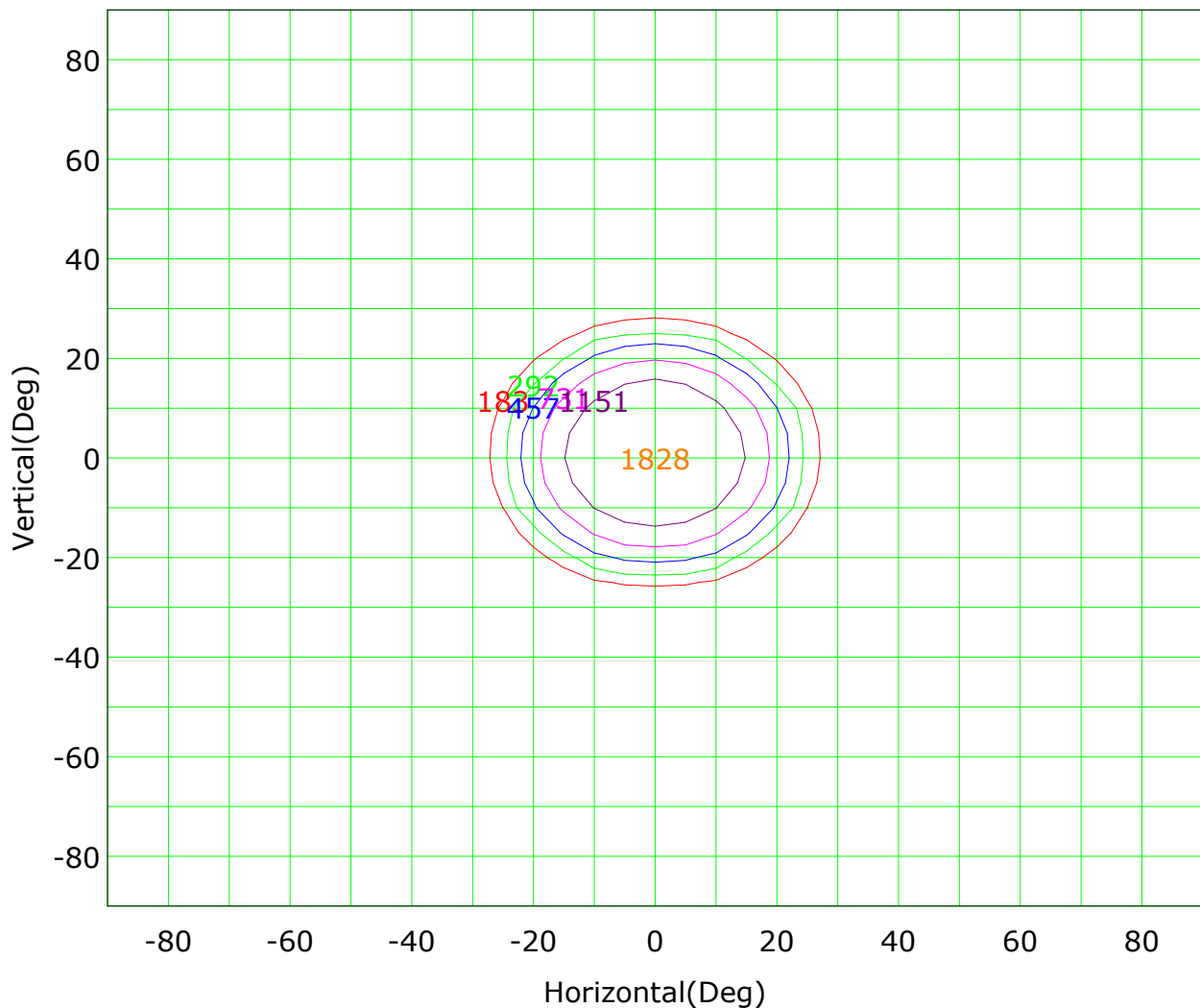
## Luminous Intensity Distribution Curve



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%): 1828 cd

( 10%): 183 cd	( 16%): 292 cd
( 25%): 457 cd	( 40%): 731 cd
( 63%): 1151 cd	(100%): 1828 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

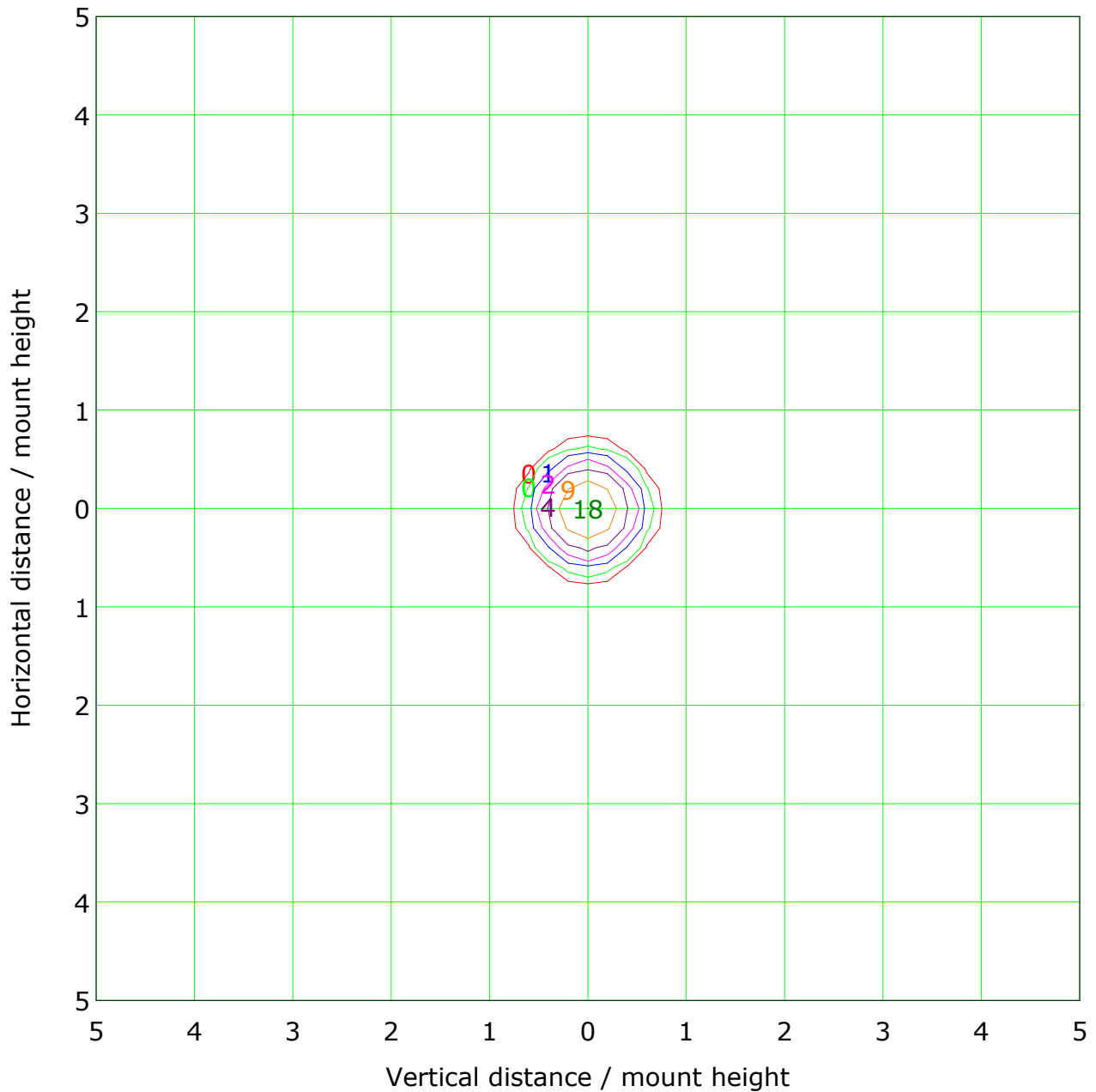
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot

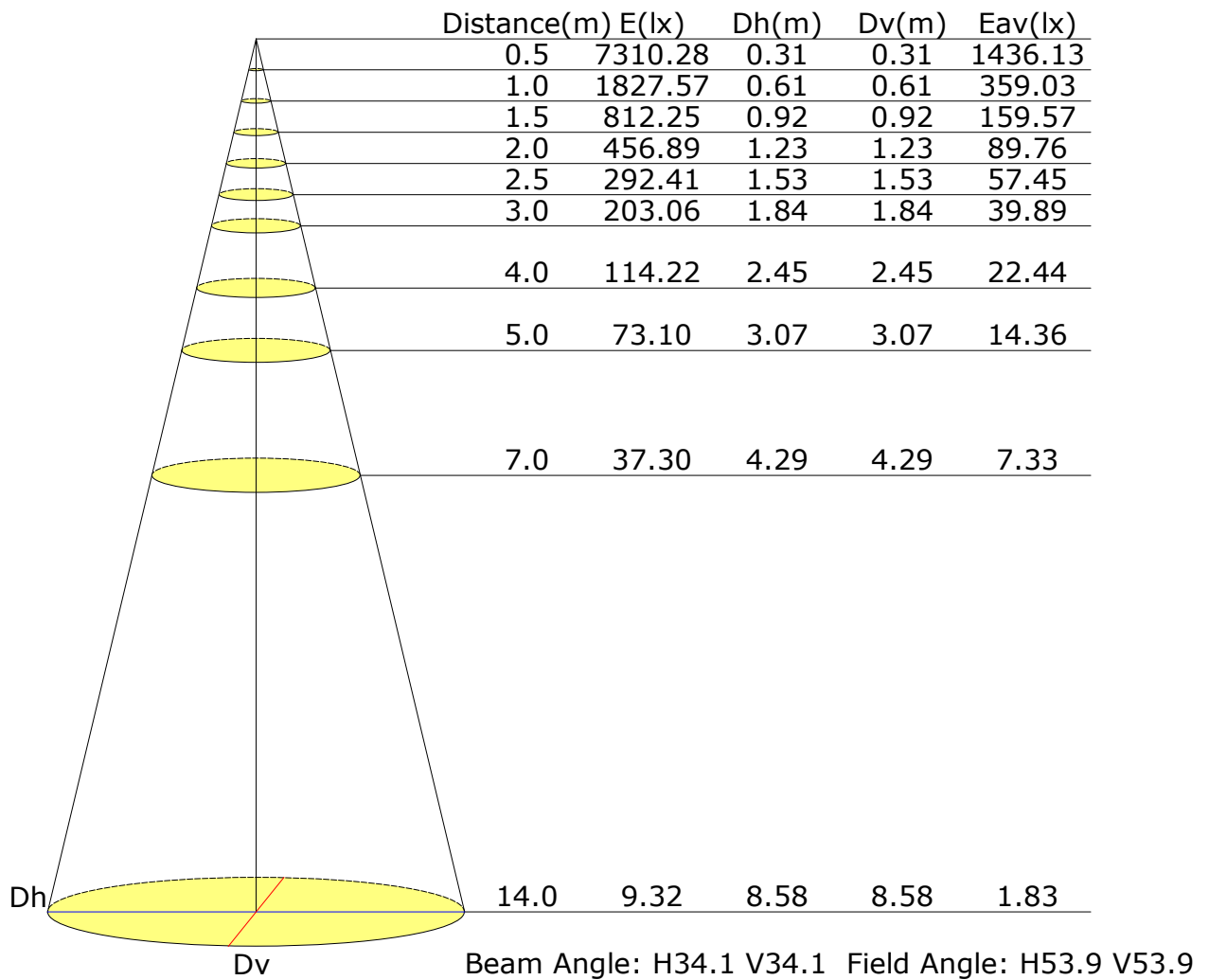


Mounting Height: 10m    Max Lux(100%): 18 lx			
( 1%):	0 lx	( 2%):	0 lx
( 5%):	1 lx	( 10%):	2 lx
( 20%):	4 lx	( 50%):	9 lx
(100%):	18 lx		

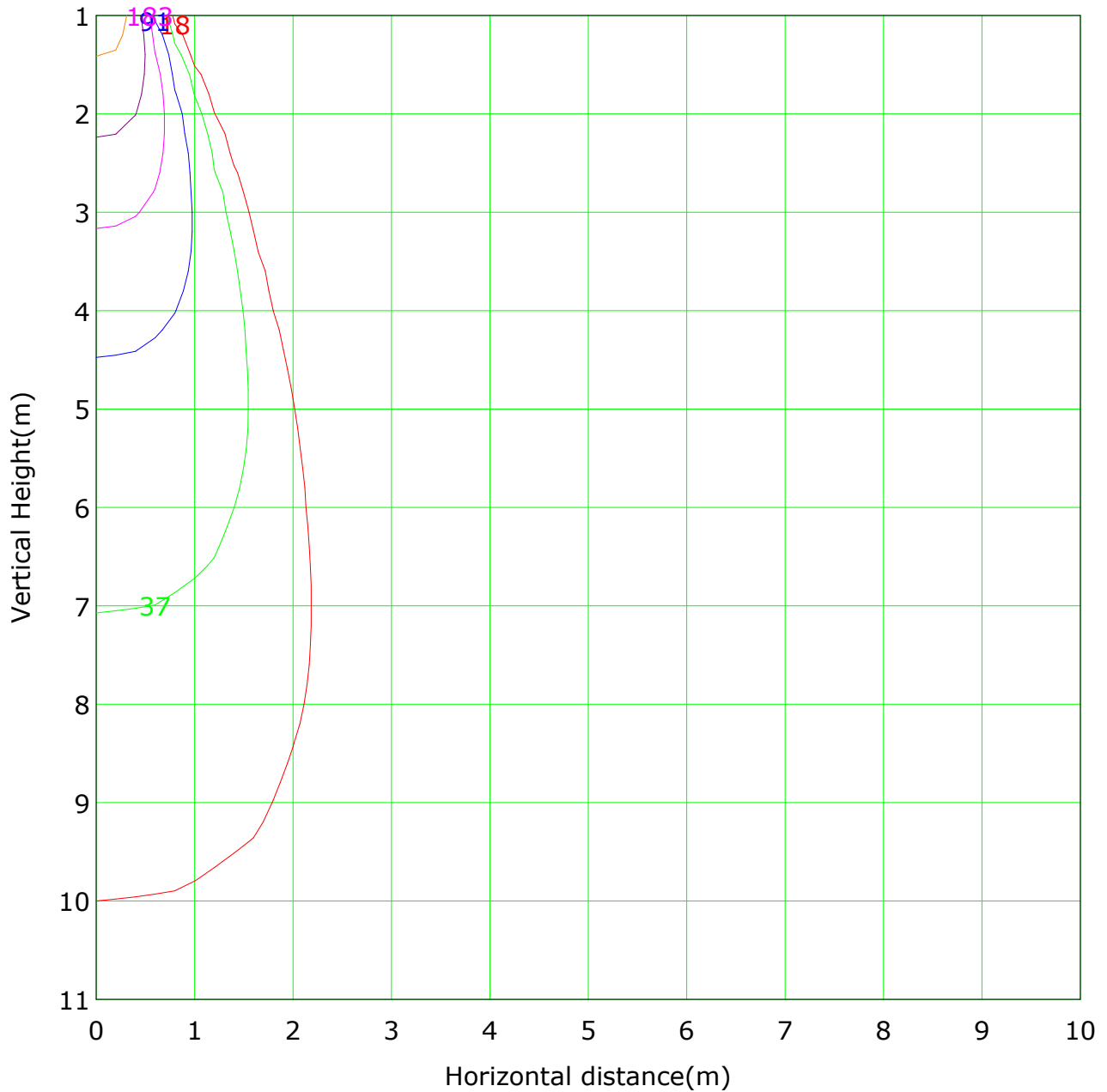
C Plane (°):0.0-180.0: 180.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

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

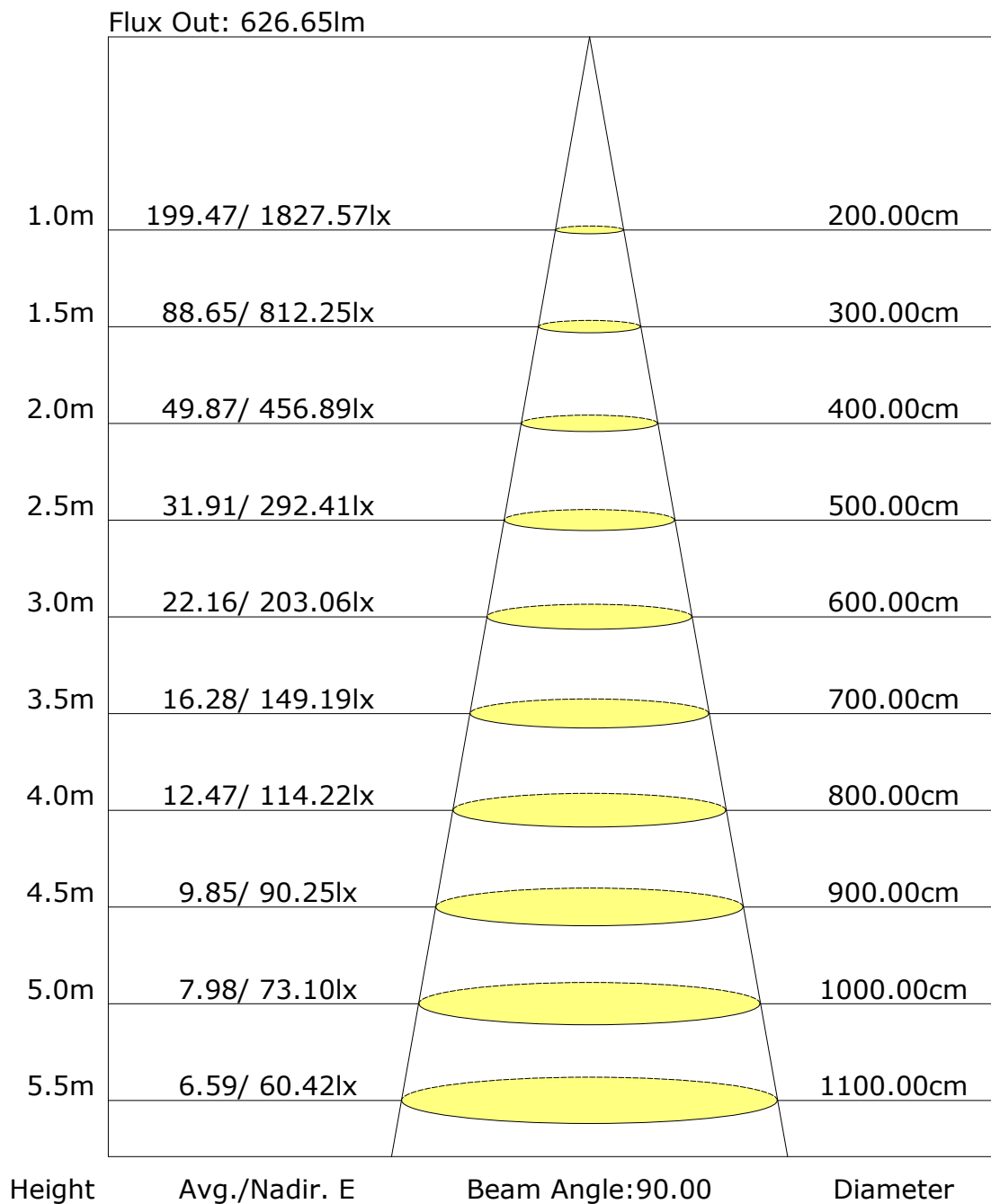


Lowest(m): 1m    Highest(m): 11    Max Lux: 1828	
( 1%): 18 lx	( 2%): 37 lx
( 5%): 91 lx	( 10%): 183 lx
( 20%): 366 lx	( 50%): 914 lx
(100%): 1828 lx	

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: