

Report No.: 56.04011 SLIM Downlight

Test Time: 2023-10-06 15:07

Luminaire Property

Luminaire Category: Bridgelux V6HD 3000K CRI90

Voltage: 221.8

Current: 0.119 A

V Power: 14.8W

Power Factor: 0.533

Photometric Results

CIE Class: Direct

Measurement Flux: 1053 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H36.2

Vertical Diffuse Angle(50%): V36.2

Luminaire Efficacy Rating (LER): 74

Max. Intensity: 2731.57 cd

Total Rated Lamp Lumens: 1053

lm Efficiency: 100%

Upward Ratio: 0%

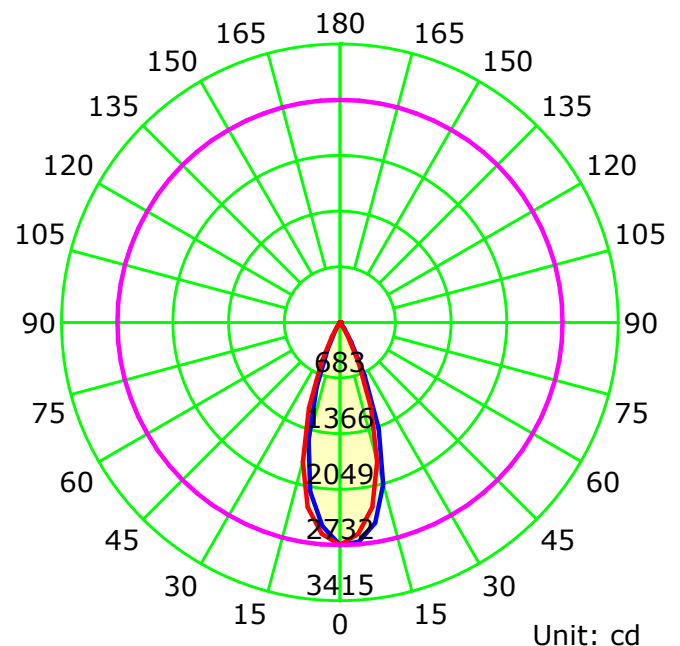
Central Intensity: 2731.57 cd

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

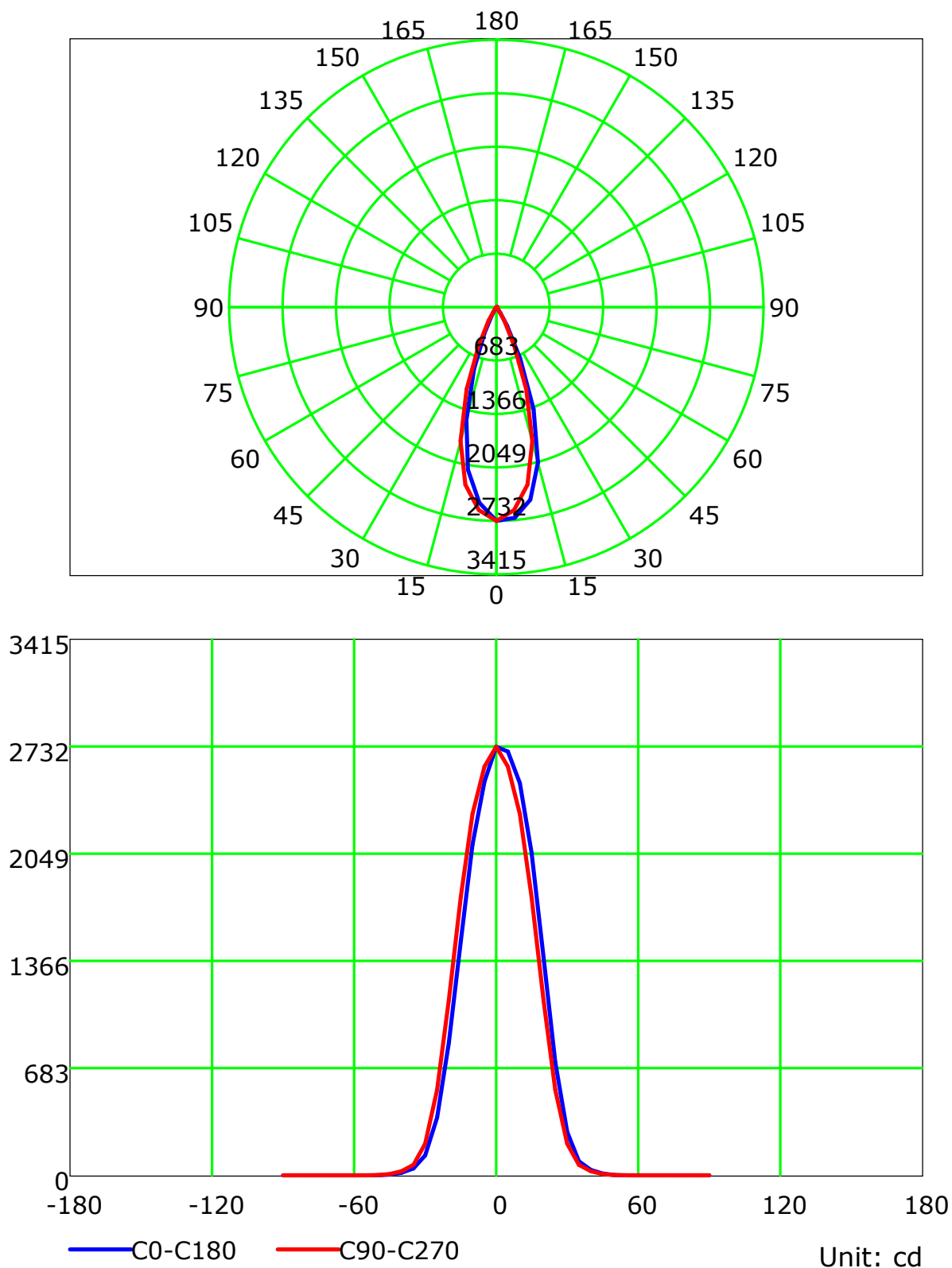
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

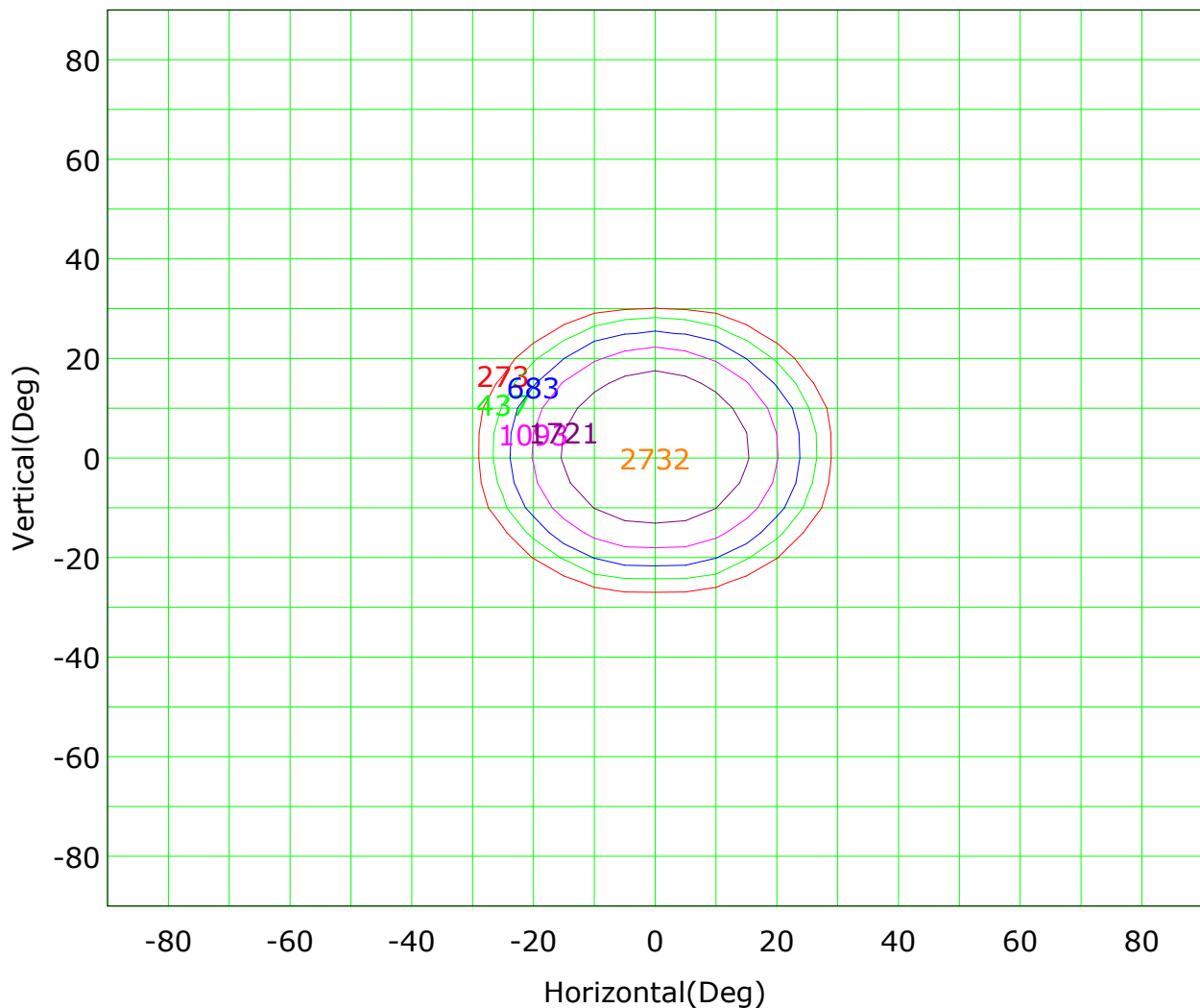
Luminous Intensity Distribution Curve



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%): 2732 cd

(10%): 273 cd	(16%): 437 cd
(25%): 683 cd	(40%): 1093 cd
(63%): 1721 cd	(100%): 2732 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

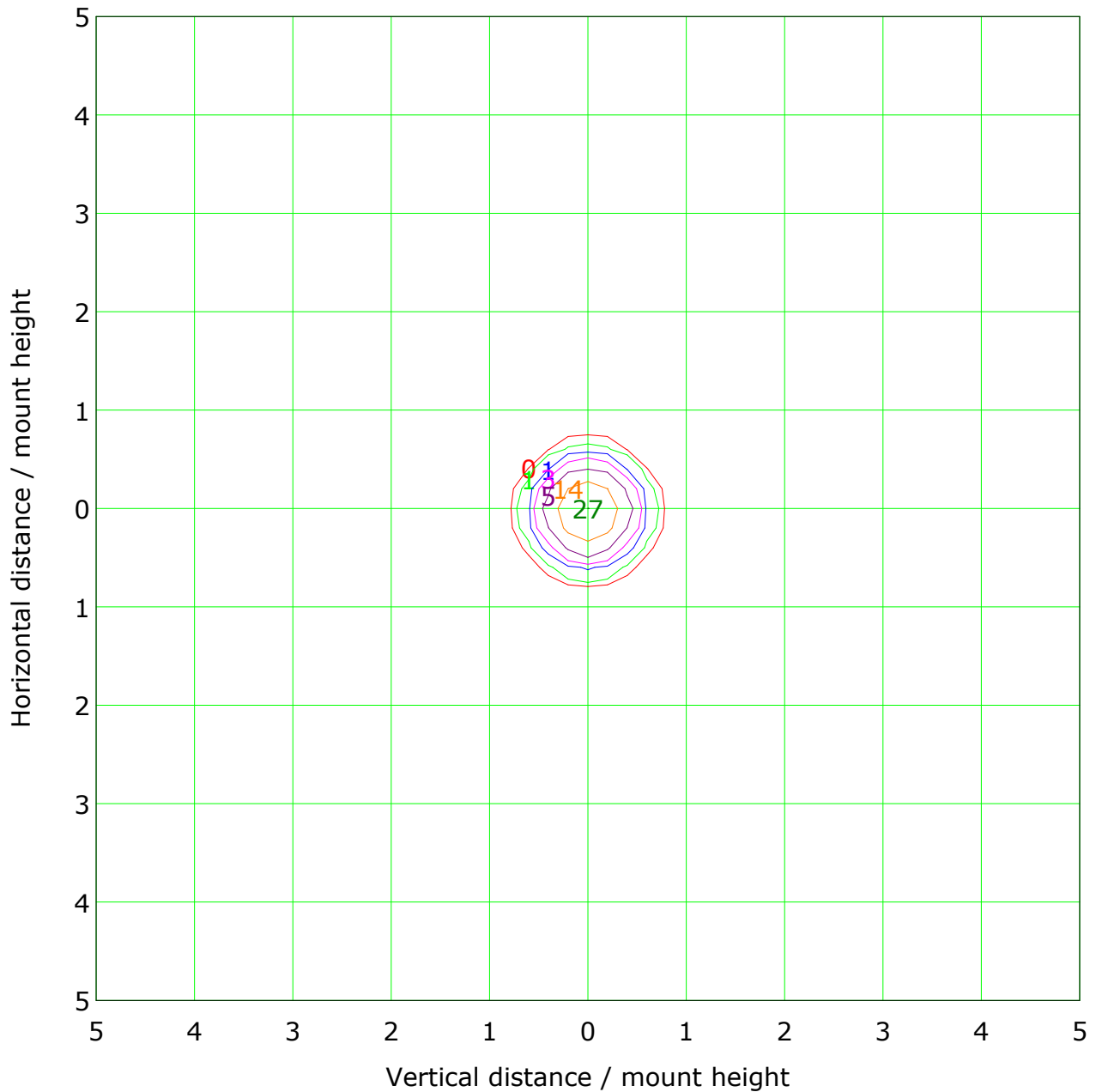
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot

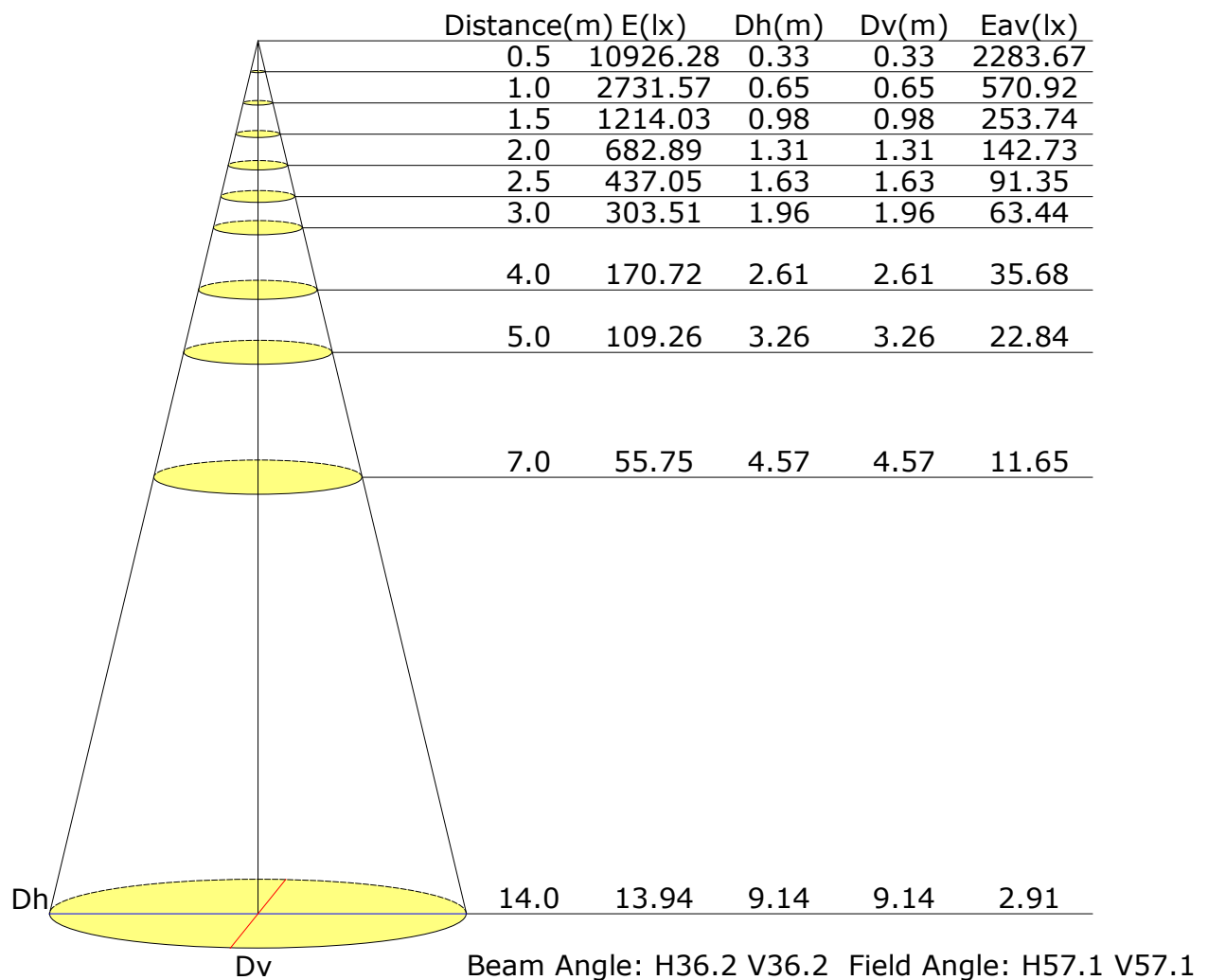


Mounting Height: 10m		Max Lux(100%): 27 lx	
(1%):	0 lx	(2%):	1 lx
(5%):	1 lx	(10%):	3 lx
(20%):	5 lx	(50%):	14 lx
(100%):	27 lx		

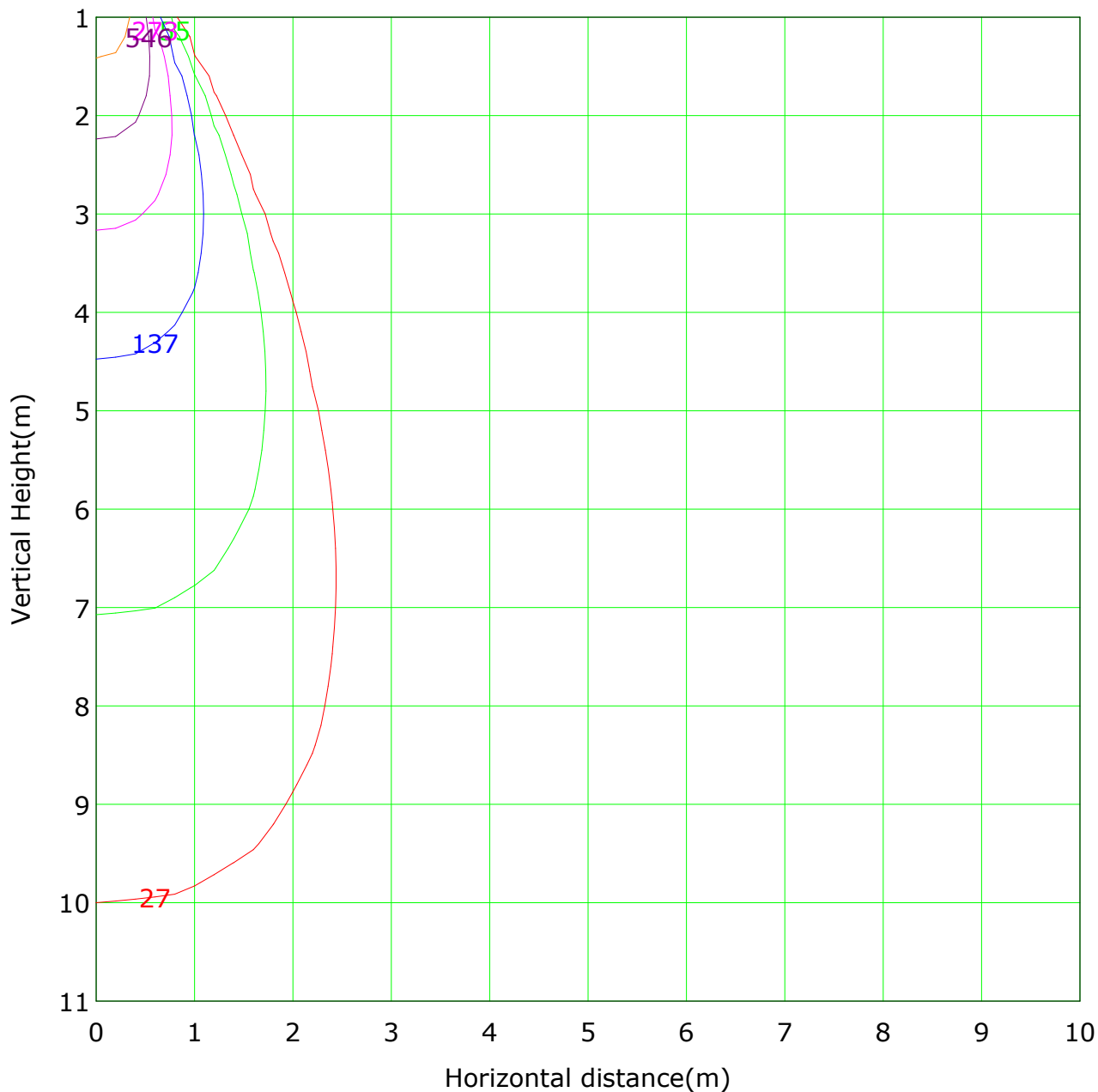
C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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

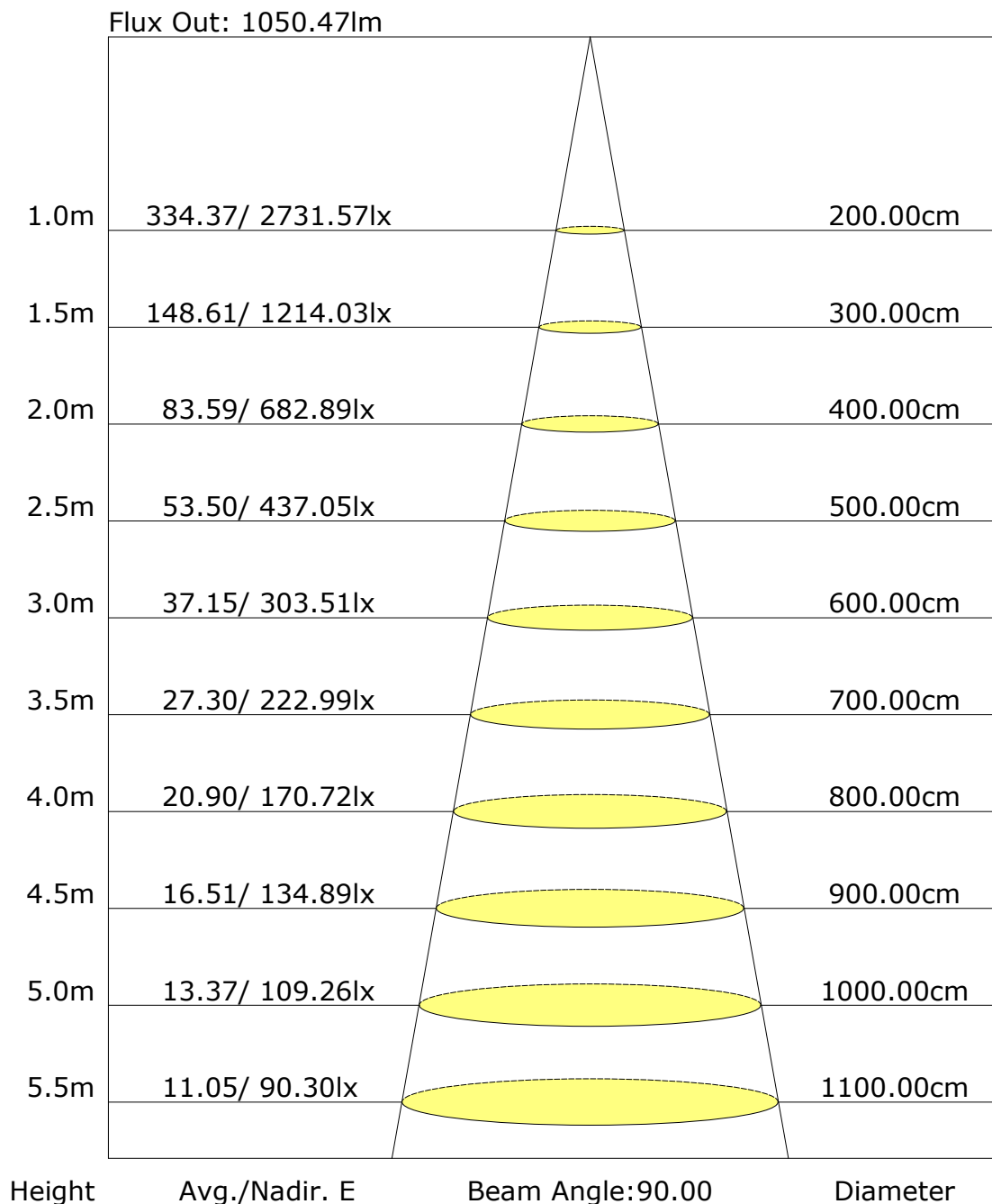


Lowest(m): 1m Highest(m): 11 Max Lux: 2732	
(1%): 27 lx	(2%): 55 lx
(5%): 137 lx	(10%): 273 lx
(20%): 546 lx	(50%): 1366 lx
(100%): 2732 lx	

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:

Gamma Plane (°):0.0-90.0:5.0
Test Device: CHL-6E
Distance: 3.000 m
Humidity:
Inspector:

Unit: cd

Gamma Plane (°):0.0-90.0:5.0
Test Device: CHL-6E
Distance: 3.000 m
Humidity:
Inspector: