

Report No.: 93.05511 ECO Surface Mounted Test Time: 2023-10-04 10:47

Luminaire Property

Luminaire Category: Bridgelux V10A F90 3000K CRI90

Voltage: 224.1 V

Current: 0.116 A

Power: 14.00 W

Power Factor: 0.541

Photometric Results

CIE Class: Direct

Measurement Flux: 1450.2 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H38

Vertical Diffuse Angle(50%): V38

Luminaire Efficacy Rating (LER): 104

Max. Intensity: 3325.74 cd

Total Rated Lamp Lumens: 1450.2 lm

Efficiency: 100%

Upward Ratio: 0%

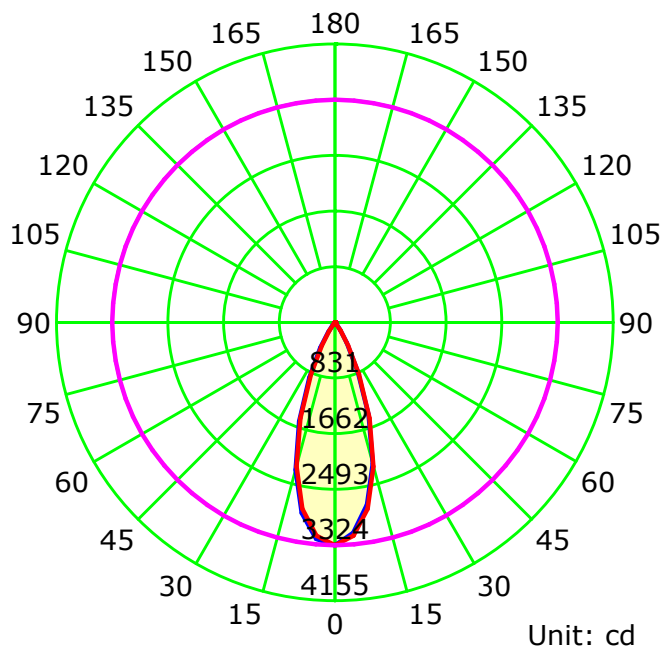
Central Intensity: 3325.74 cd

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

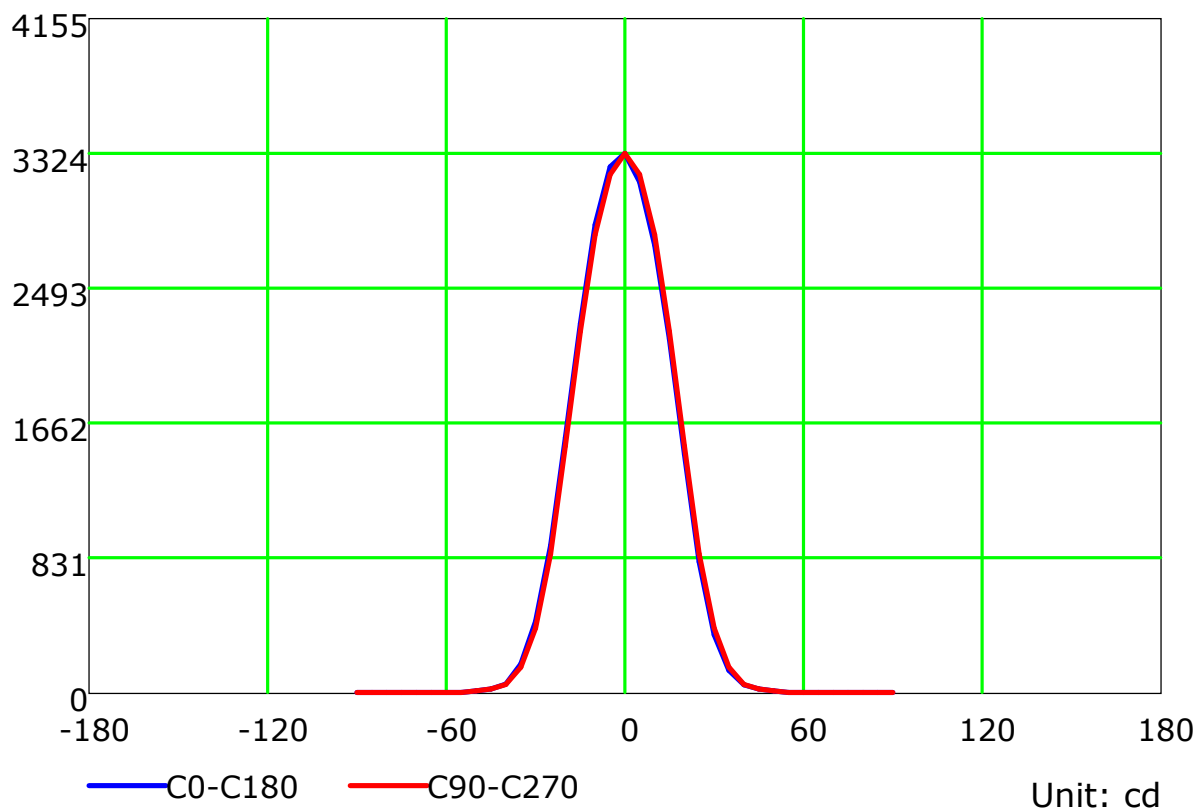
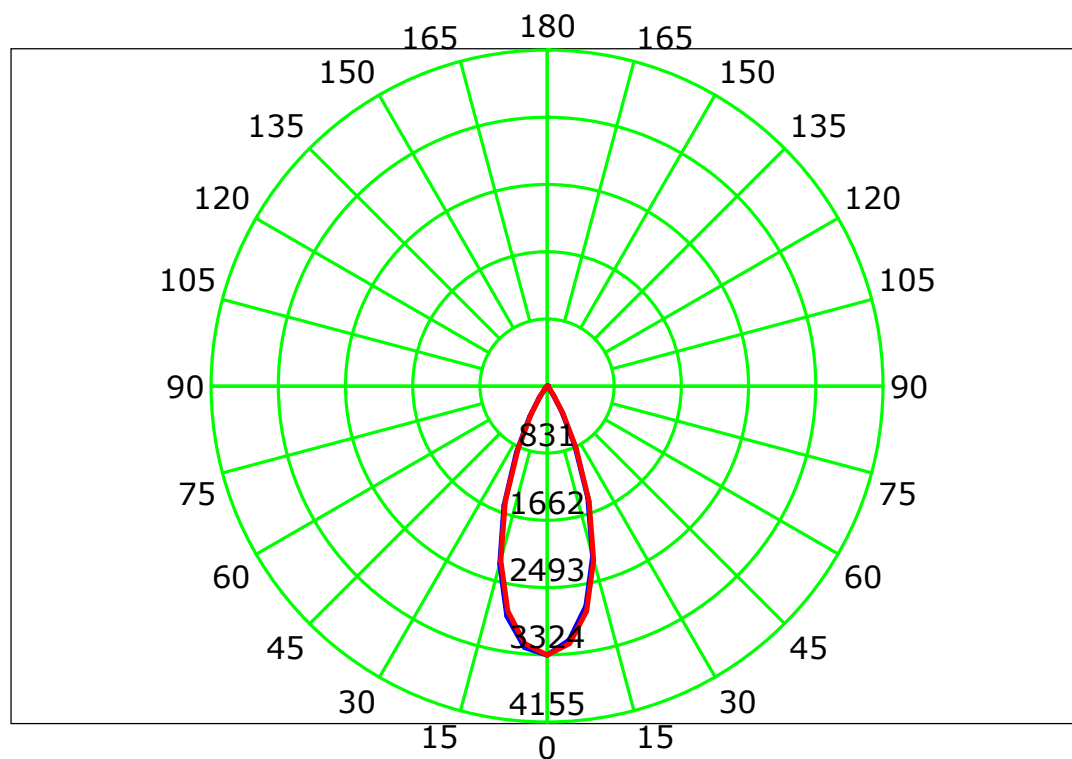
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

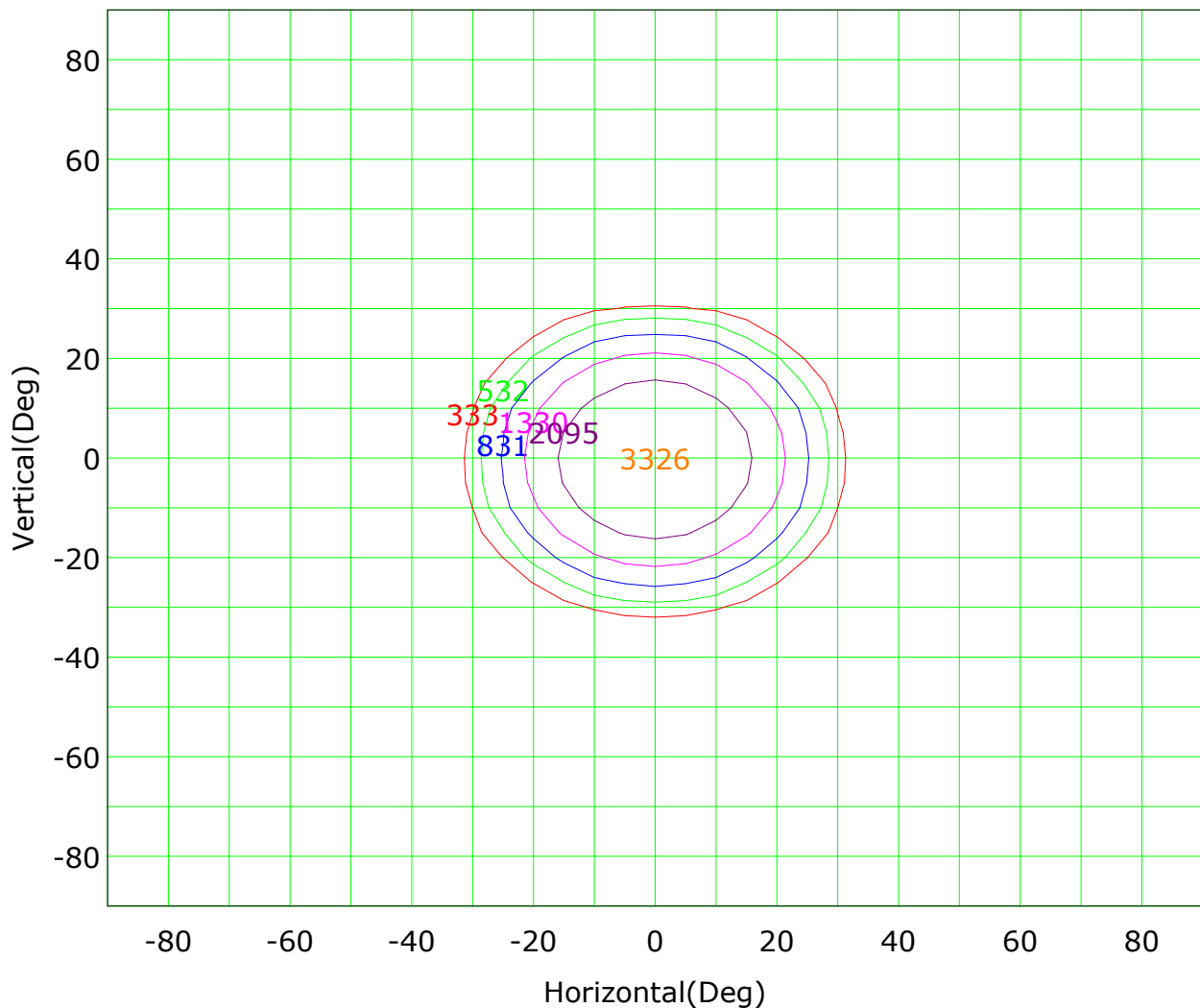
Luminous Intensity Distribution Curve



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%): 3326 cd

(10%): 333 cd	(16%): 532 cd
(25%): 831 cd	(40%): 1330 cd
(63%): 2095 cd	(100%): 3326 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

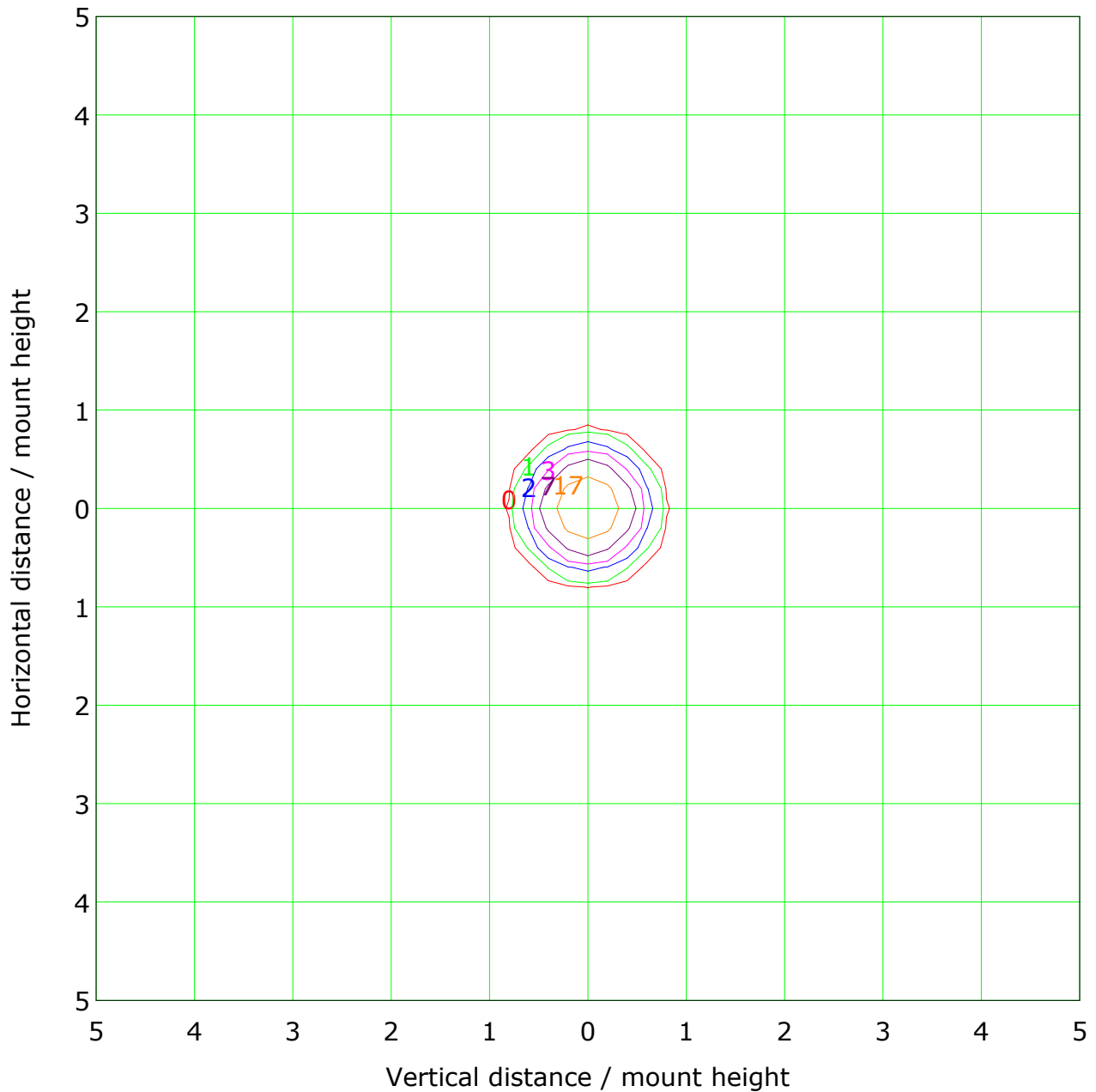
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10m		Max Lux(100%): 33 lx	
(1%):	0 lx	(2%):	1 lx
(5%):	2 lx	(10%):	3 lx
(20%):	7 lx	(50%):	17 lx
(100%):	33 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

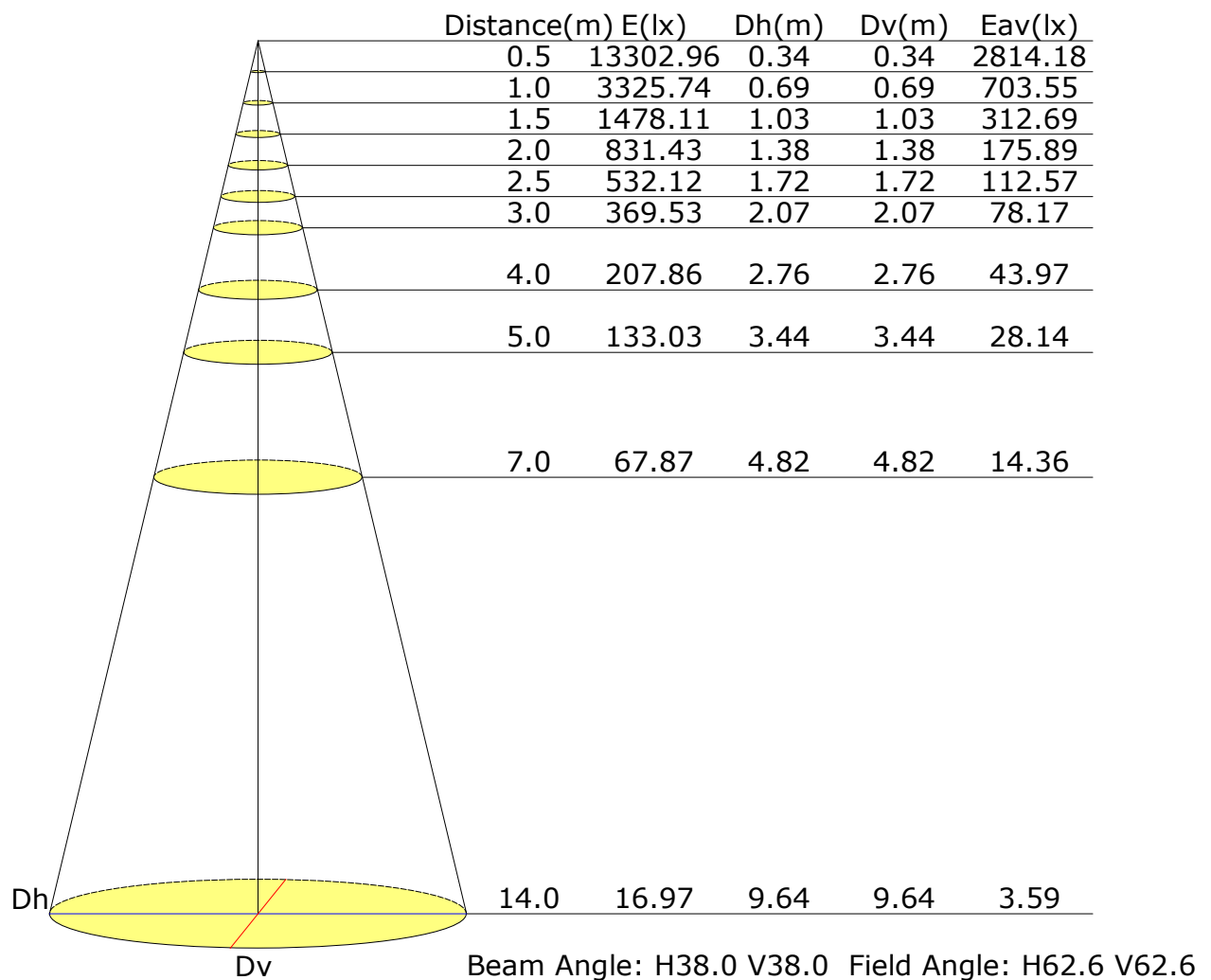
Test Device: CHL-6E

Distance: 3.000 m

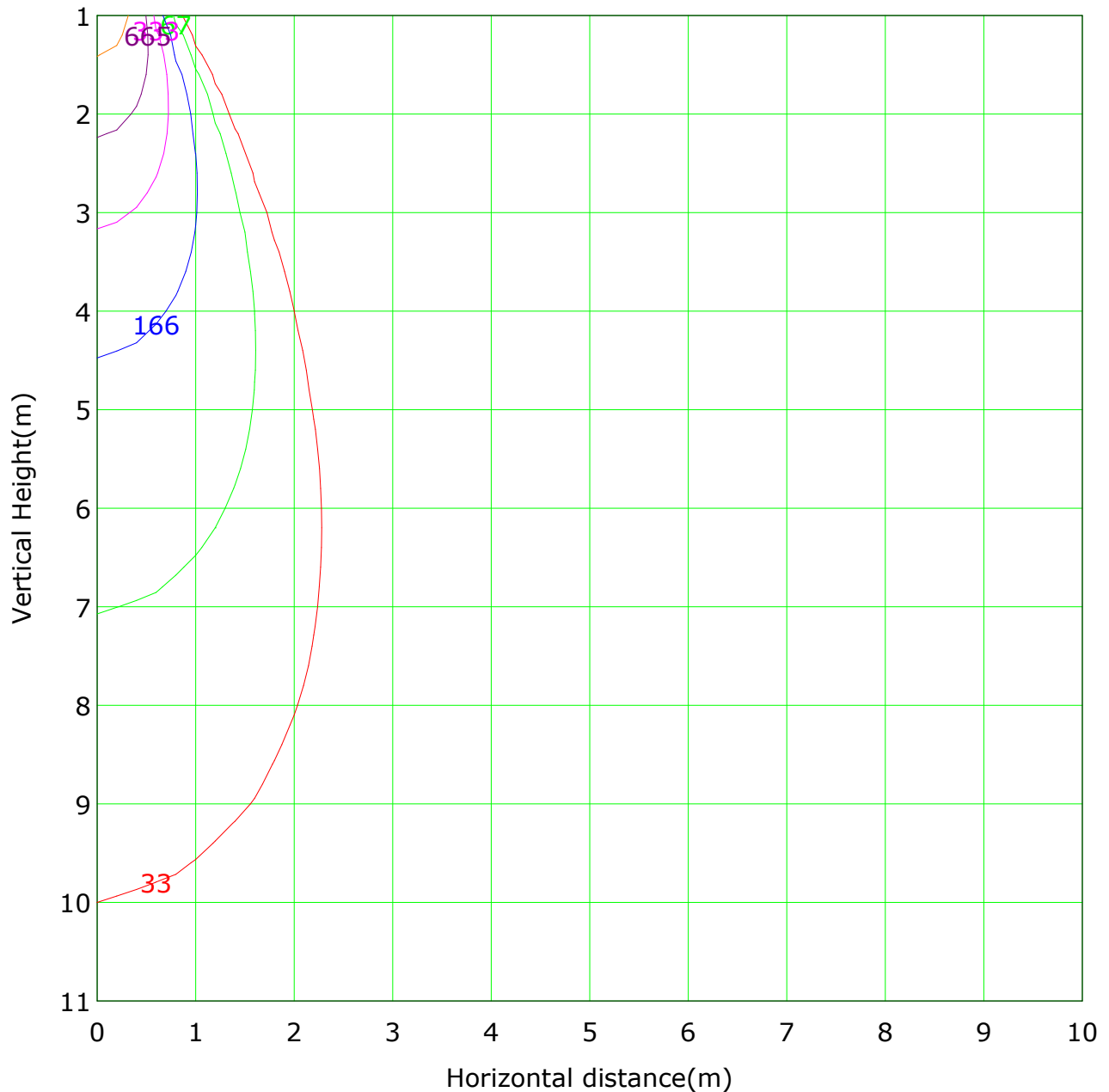
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



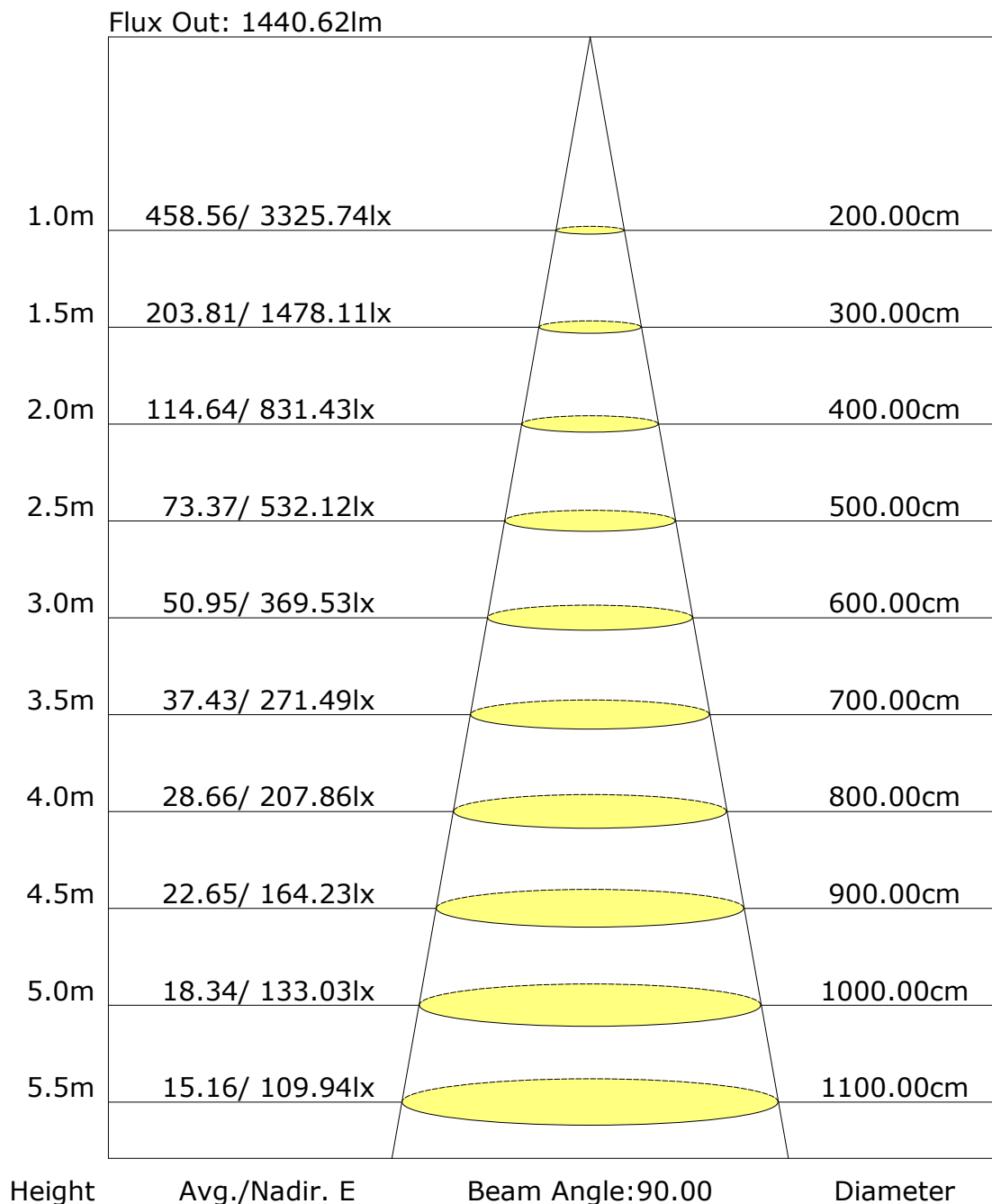
Lowest(m): 1m Highest(m): 11 Max Lux: 3326

(1%): 33 lx	(2%): 67 lx
(5%): 166 lx	(10%): 333 lx
(20%): 665 lx	(50%): 1663 lx
(100%): 3326 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: