

Report No.: 93.06211 ADJ

Test Time: 2023-09-15 14:06

Luminaire Property

Luminaire Category:

Luminaire Description: Bridgelux V4HD 3000Voltage: 226.5 V

Current: 0.055 A

Power: 6.60 W

Power Factor: 0.525

Photometric Results

CIE Class: Direct

Measurement Flux: 445.6 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H38.2

Vertical Diffuse Angle(50%): V38.2

Luminaire Efficacy Rating (LER): 68

Max. Intensity: 1045.55 cd

Total Rated Lamp Lumens: 445.6 lm

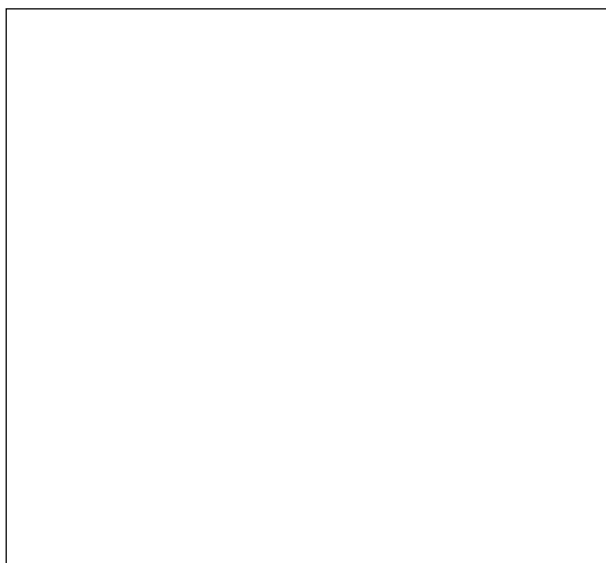
Efficiency: 100%

Upward Ratio: 0%

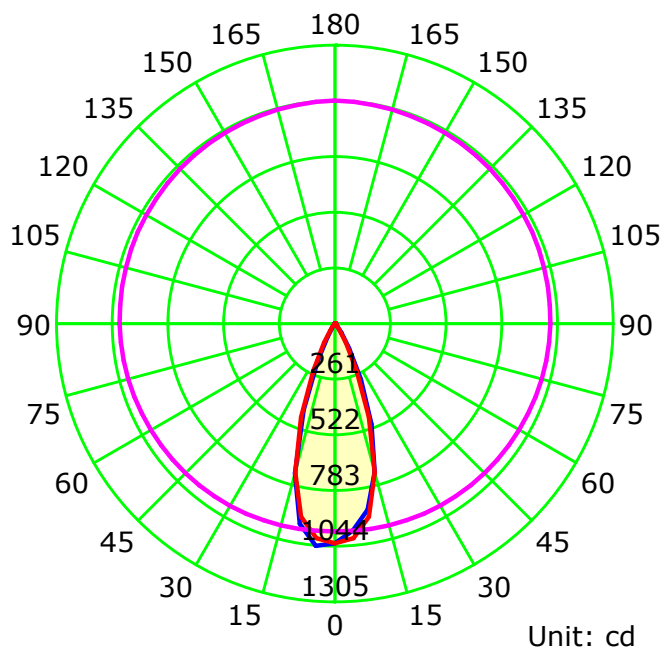
Central Intensity: 1029.3 cd

Pos of Max. Intensity: H180 V5

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270 — G5

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

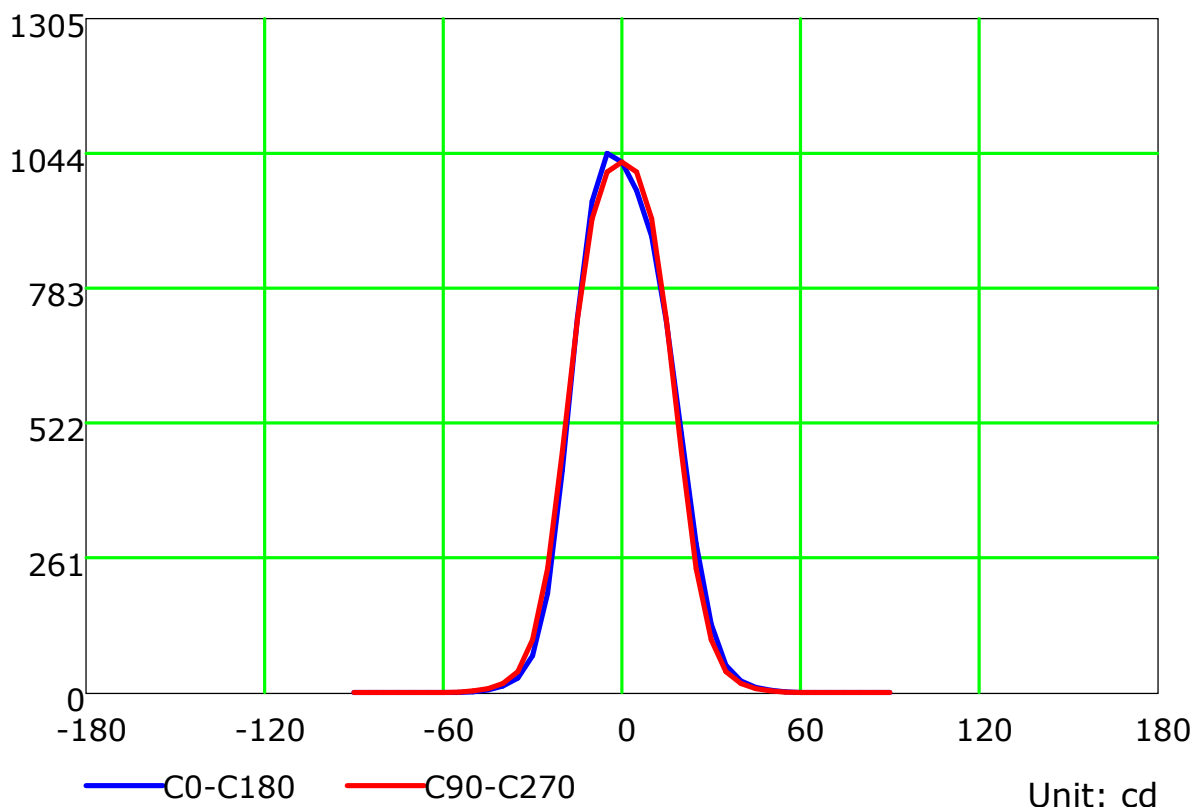
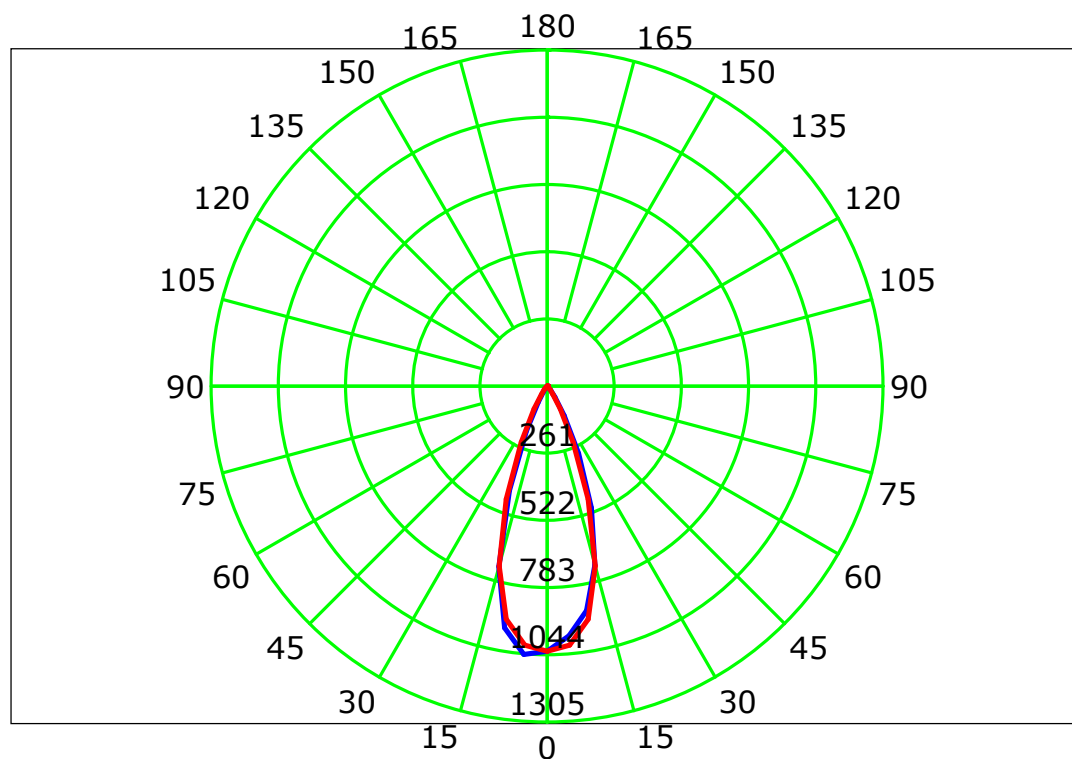
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

Luminous Intensity Distribution Curve

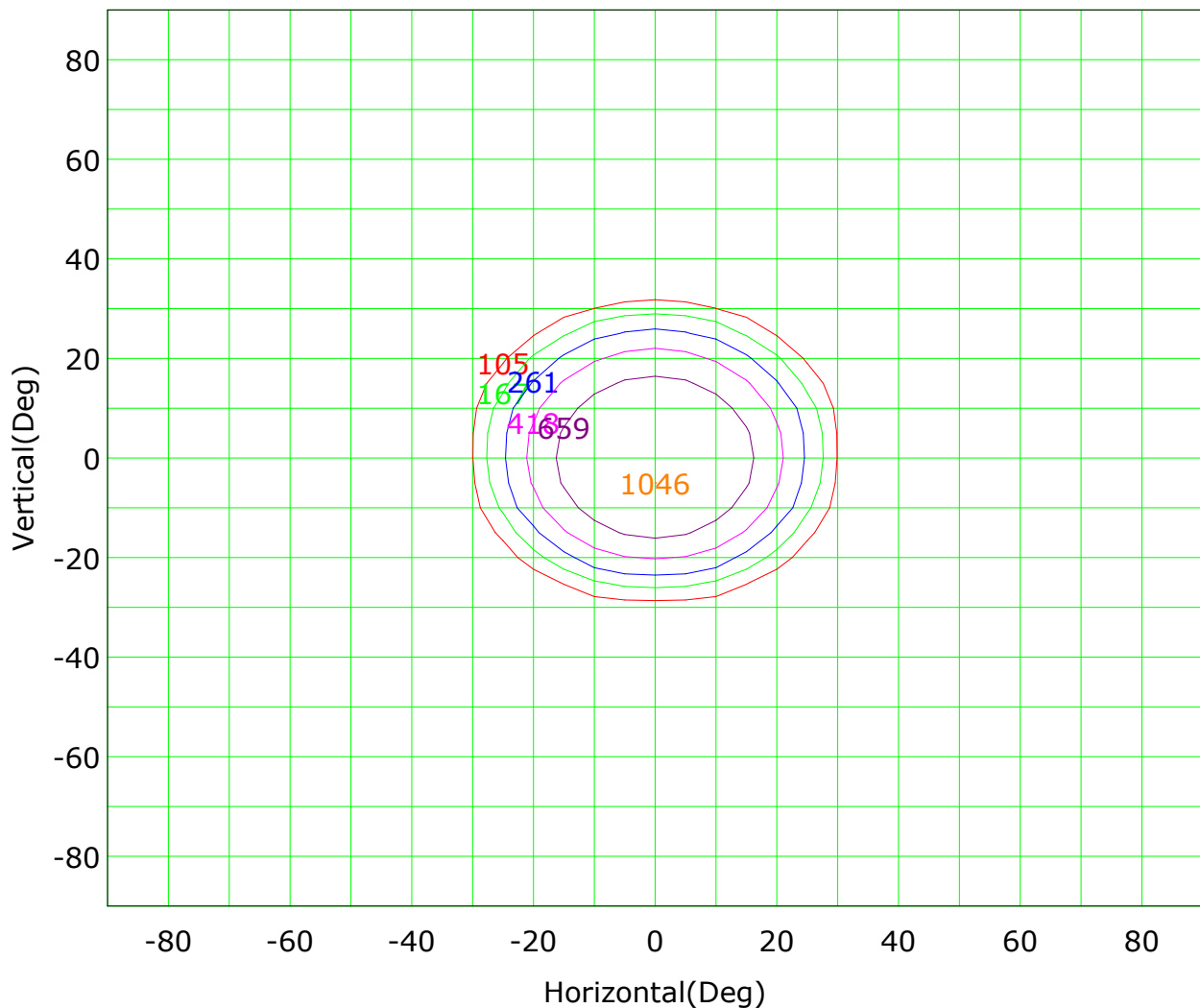


Unit: cd

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:

Isocandela (rectangle)



Imax (100%): 1046 cd

(10%): 105 cd	(16%): 167 cd
(25%): 261 cd	(40%): 418 cd
(63%): 659 cd	(100%): 1046 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

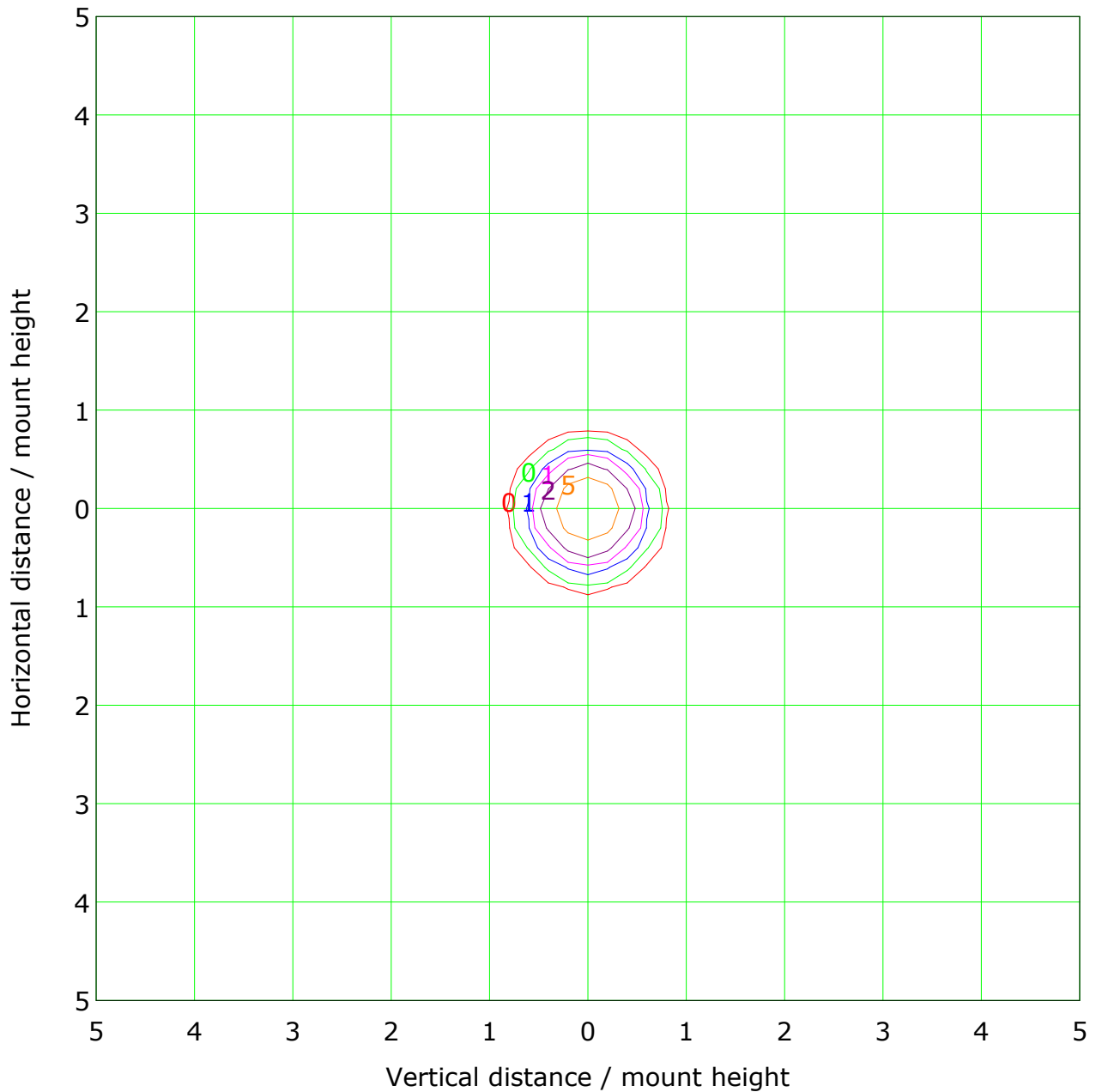
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



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

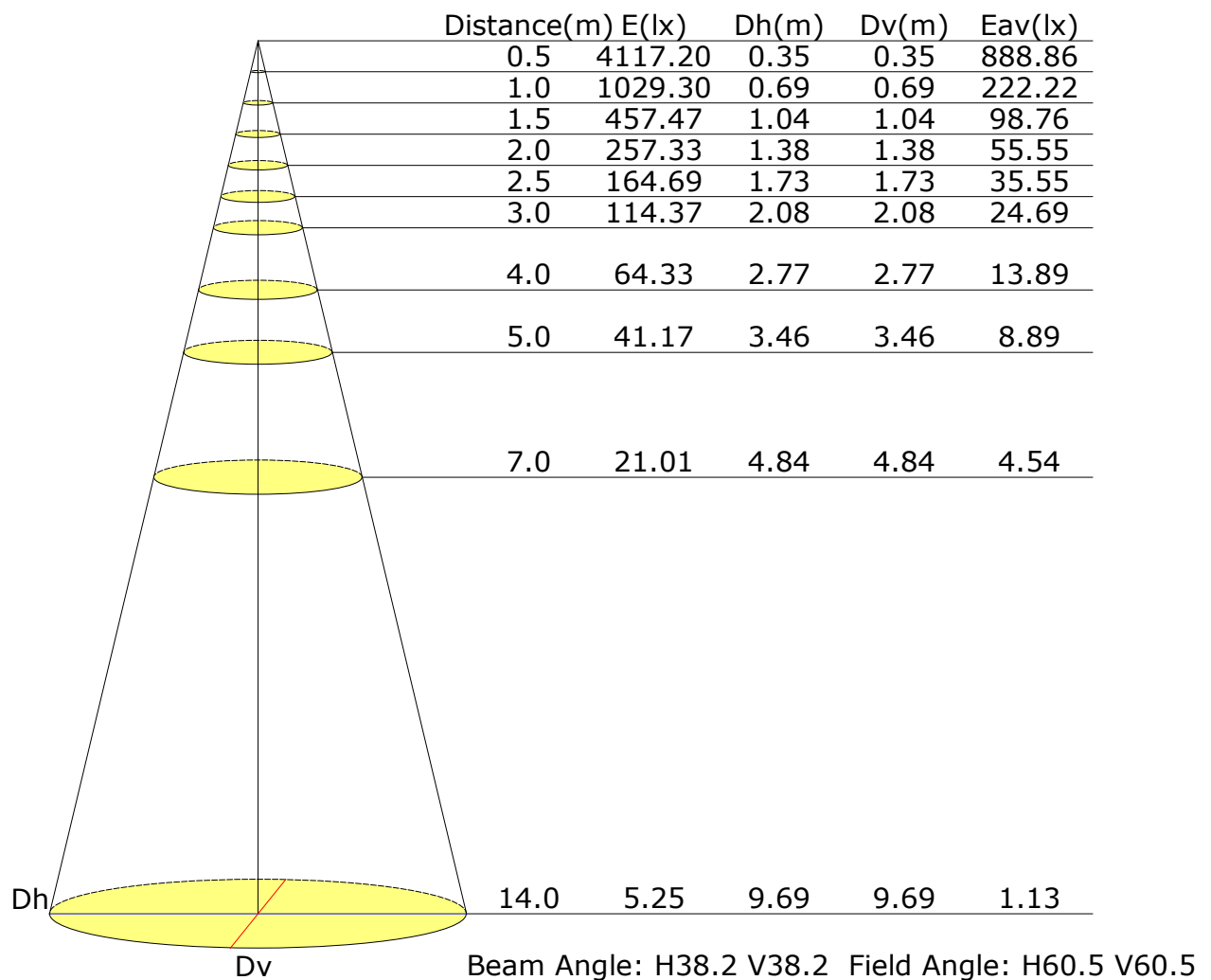
Test Device: CHL-6E

Distance: 3.000 m

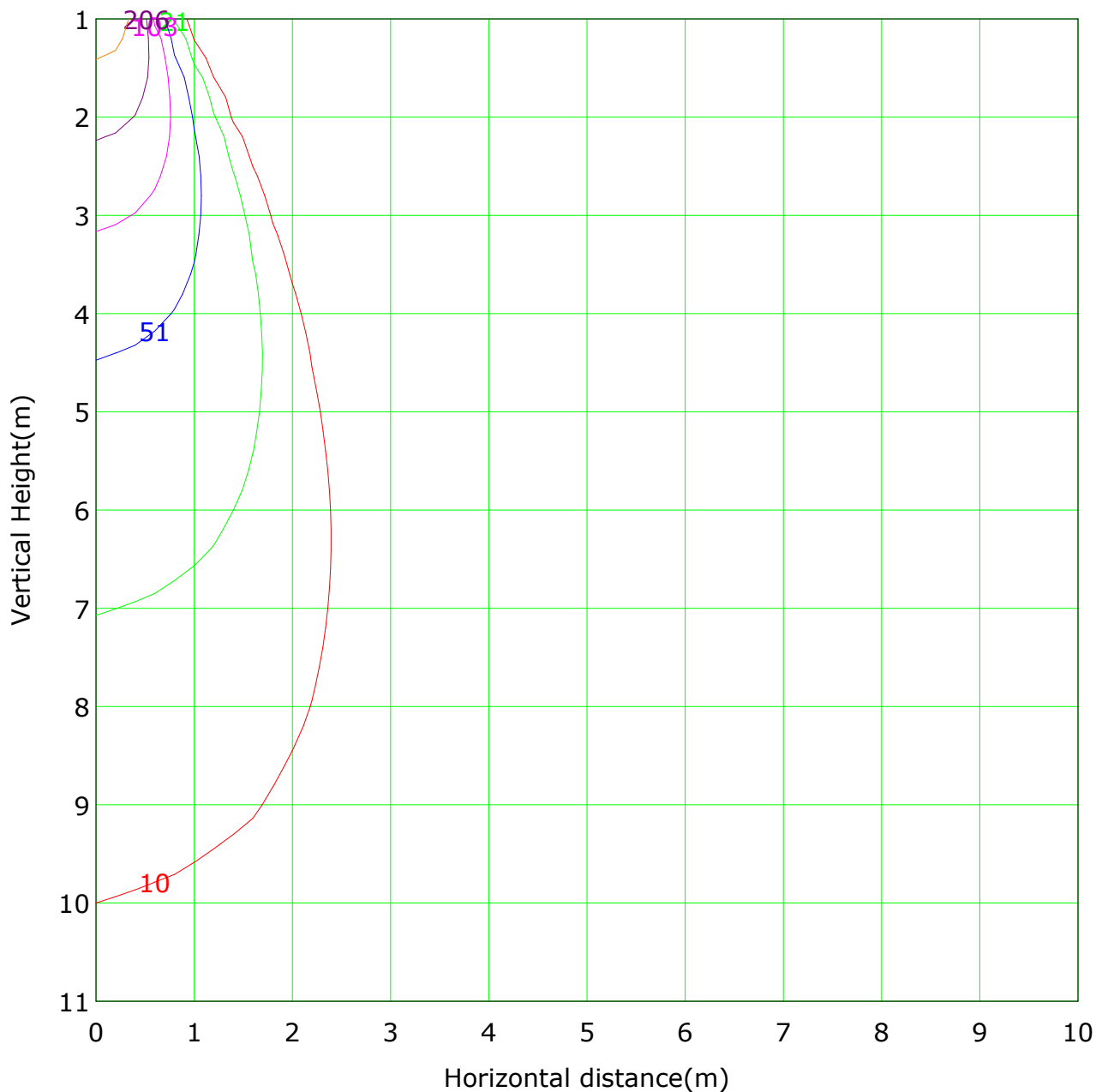
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot

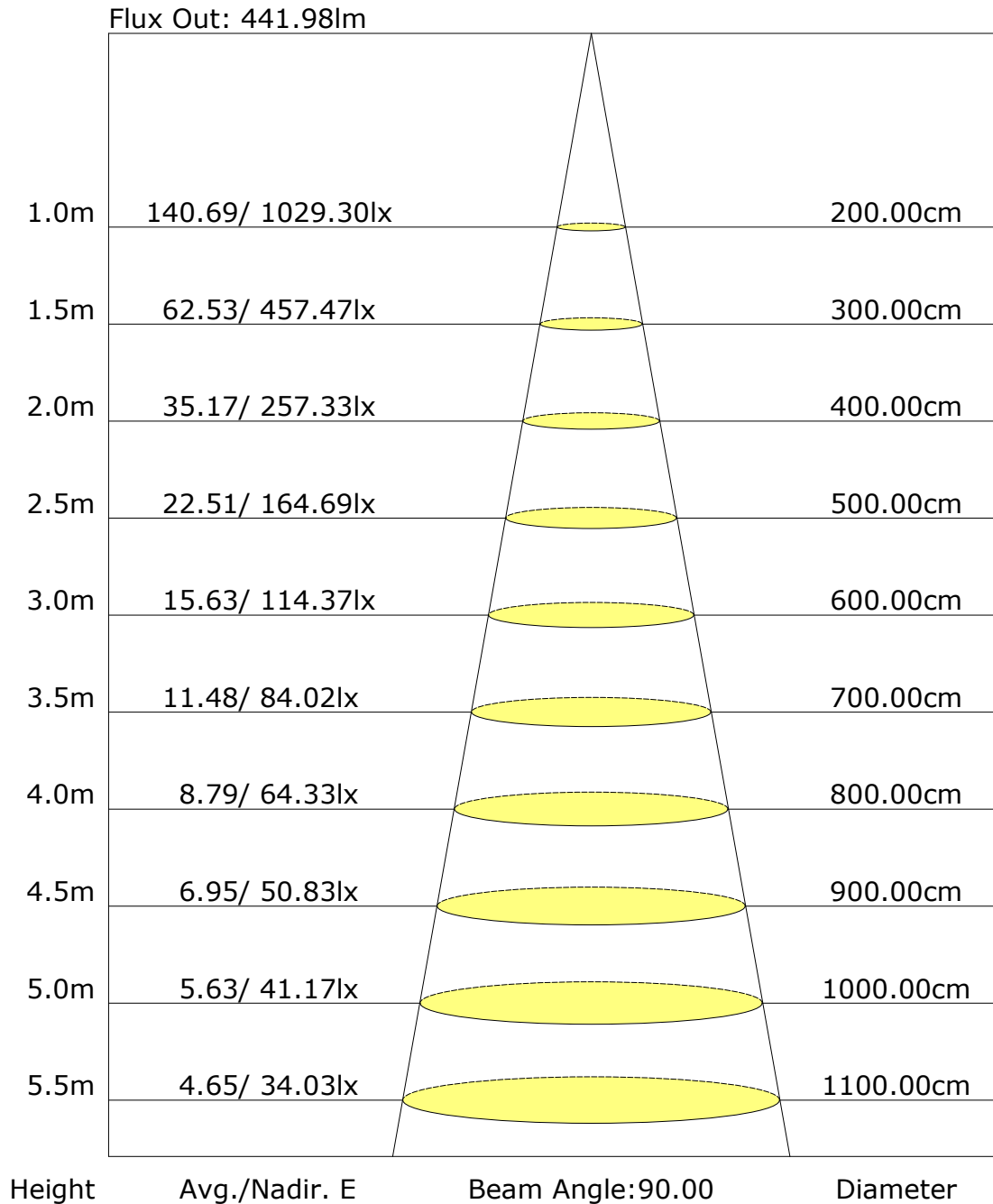


Lowest(m): 1m Highest(m): 11 Max Lux: 1029	
(1%): 10 lx	(2%): 21 lx
(5%): 51 lx	(10%): 103 lx
(20%): 206 lx	(50%): 515 lx
(100%): 1029 lx	

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: