

Report No.: 93.05511 ECO Surface Mounted Test Time: 2023-10-04 10:54

Luminaire Property

Luminaire Category: Bridgelux V10A F90 3000K CRI90

Voltage: 222.6 V

Current: 0.117 A

Power: 14.00 W

Power Factor: 0.537

Photometric Results

CIE Class: Direct

Measurement Flux: 1563 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H56.3

Vertical Diffuse Angle(50%): V56.3

Luminaire Efficacy Rating (LER): 112

Max. Intensity: 1944.7 cd

Total Rated Lamp Lumens: 1563.0 lm

Efficiency: 100%

Upward Ratio: 0%

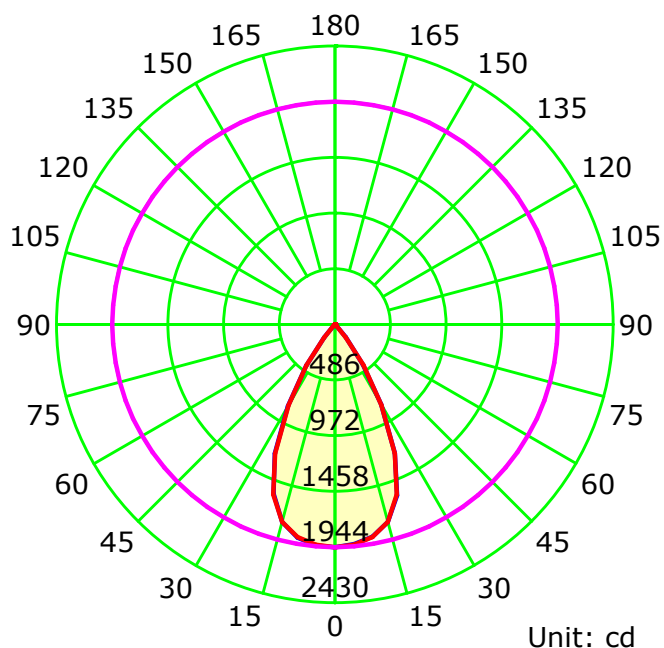
Central Intensity: 1944.7 cd

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

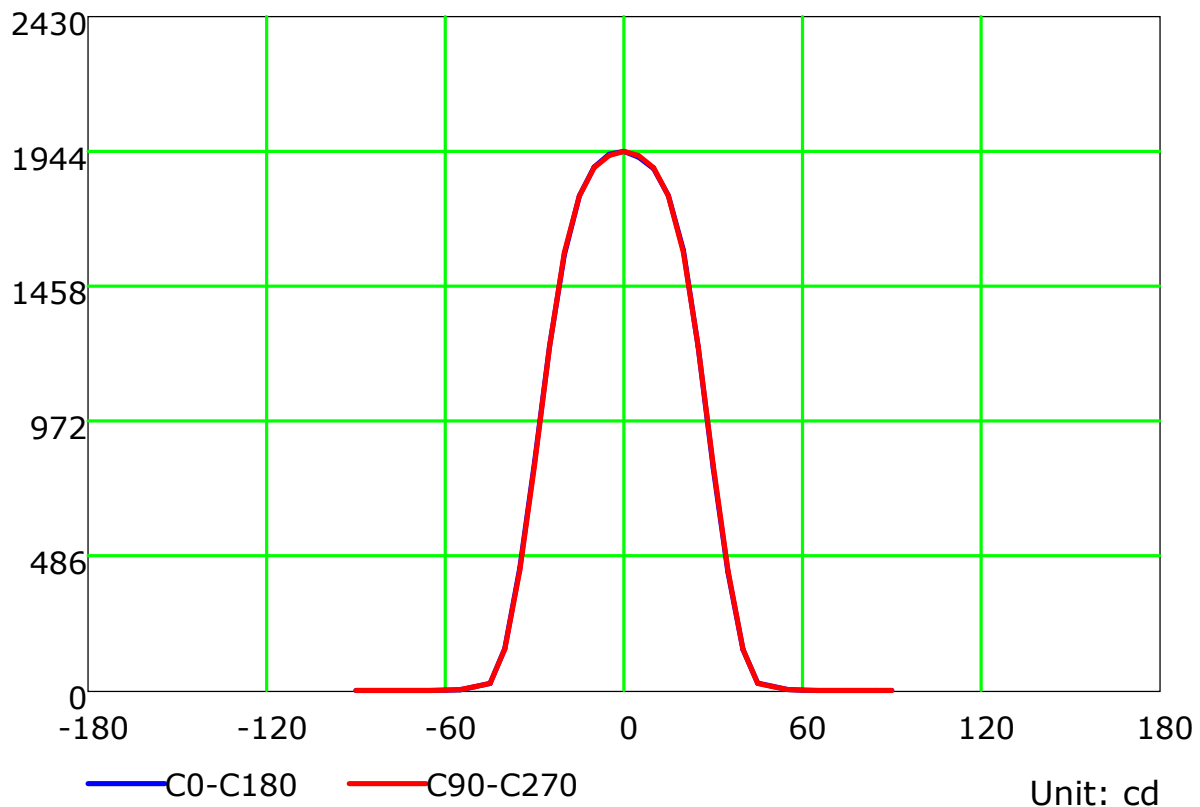
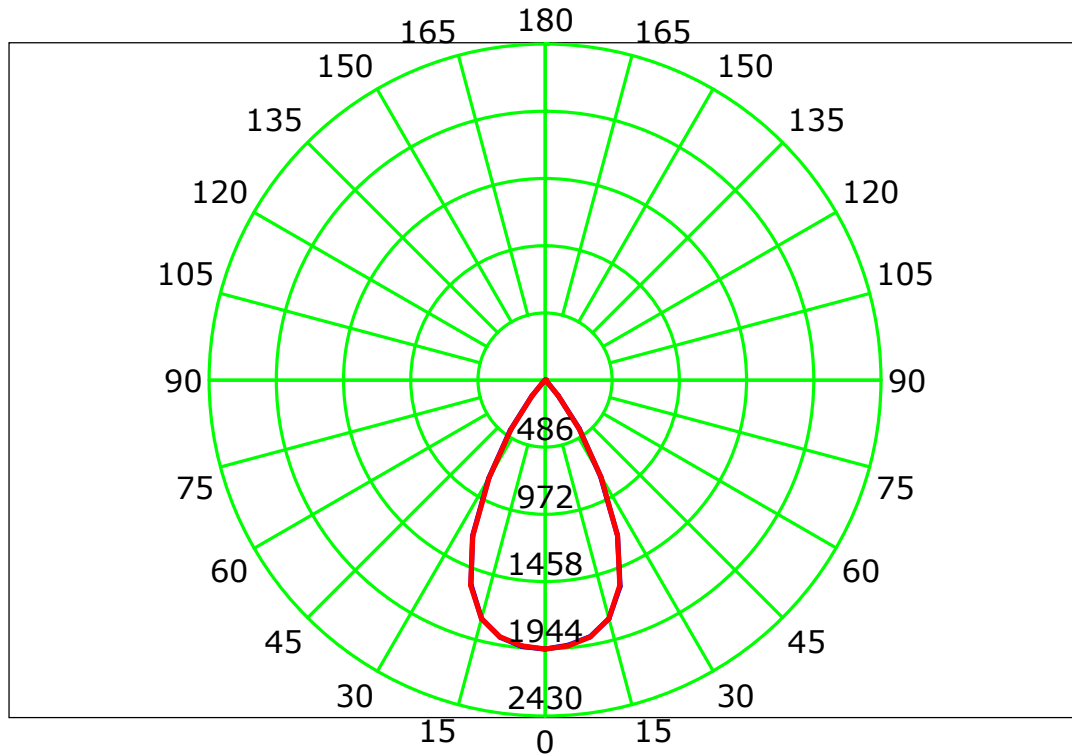
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

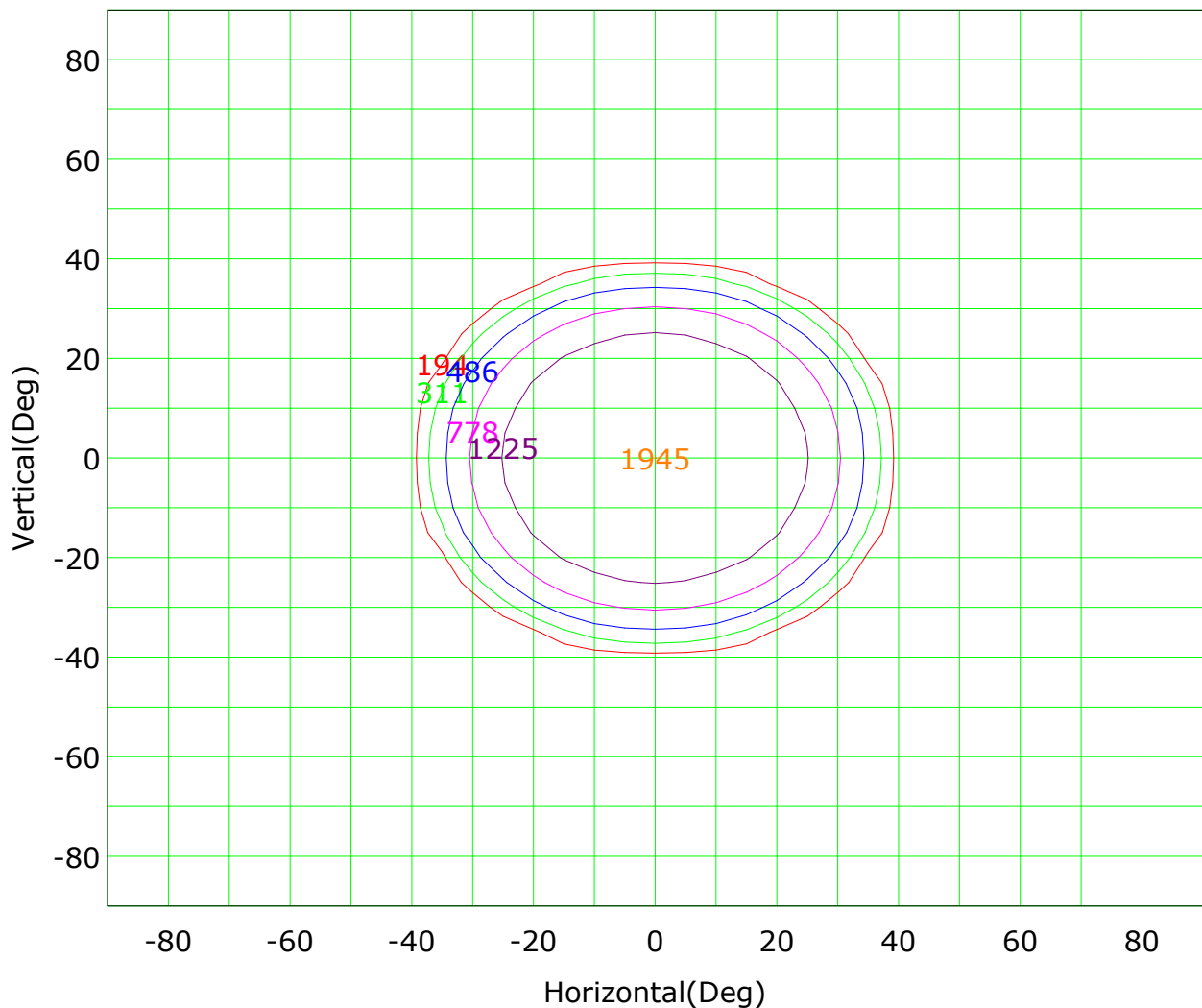
Luminous Intensity Distribution Curve



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%): 1945 cd

(10%): 194 cd	(16%): 311 cd
(25%): 486 cd	(40%): 778 cd
(63%): 1225 cd	(100%): 1945 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

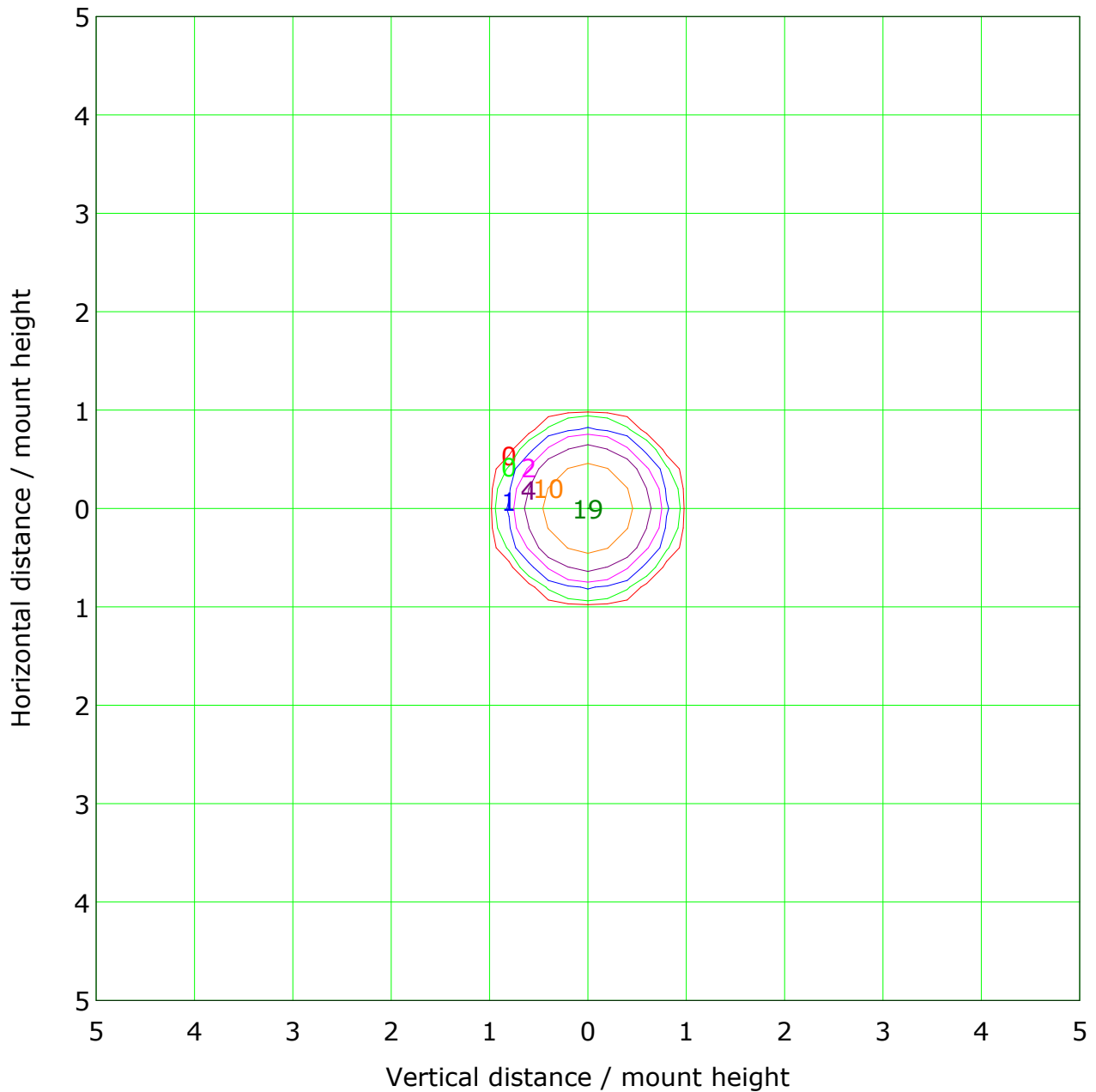
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot

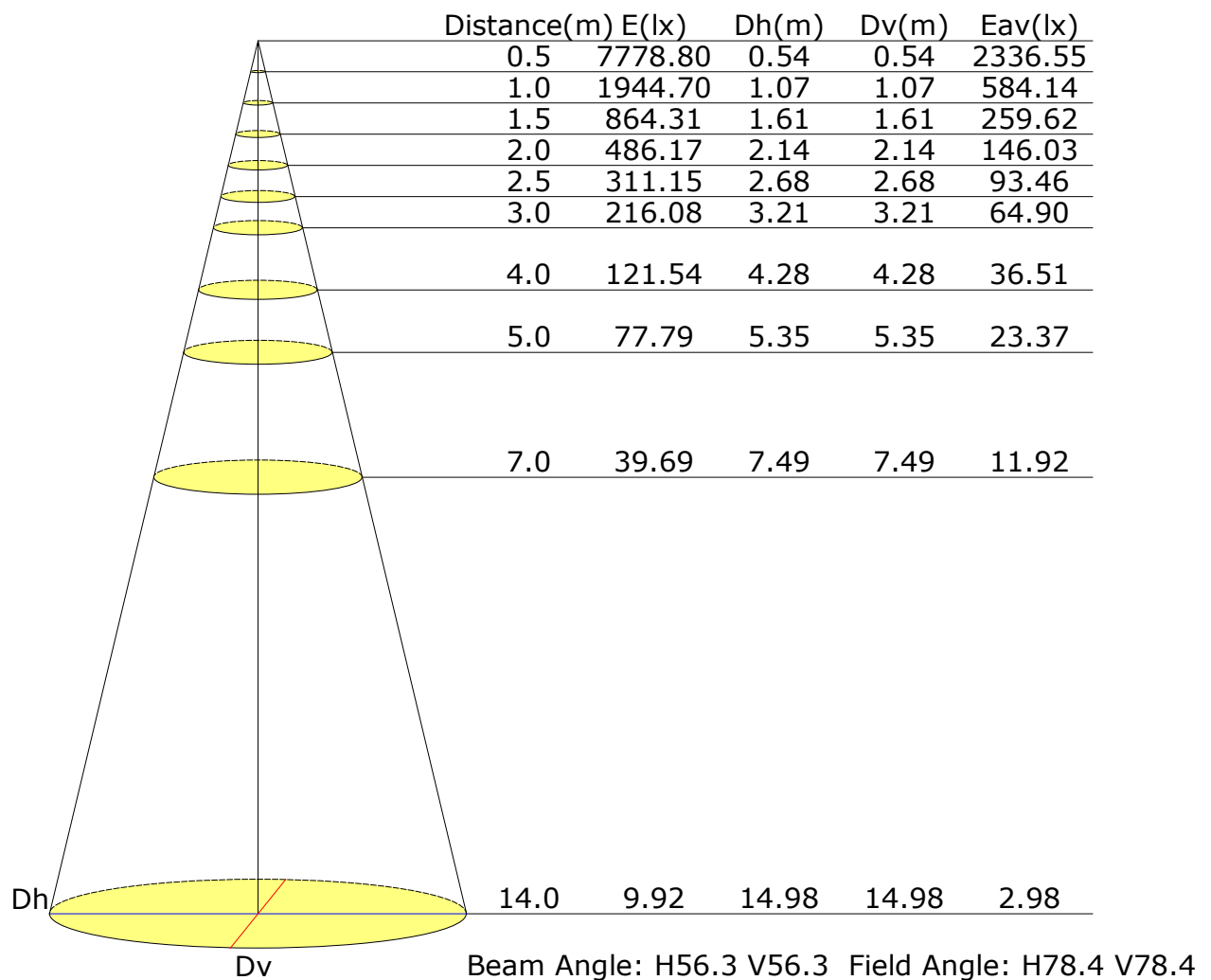


Mounting Height: 10m Max Lux(100%): 19 lx			
— (1%):	0 lx	— (2%):	0 lx
— (5%):	1 lx	— (10%):	2 lx
— (20%):	4 lx	— (50%):	10 lx
— (100%):	19 lx		

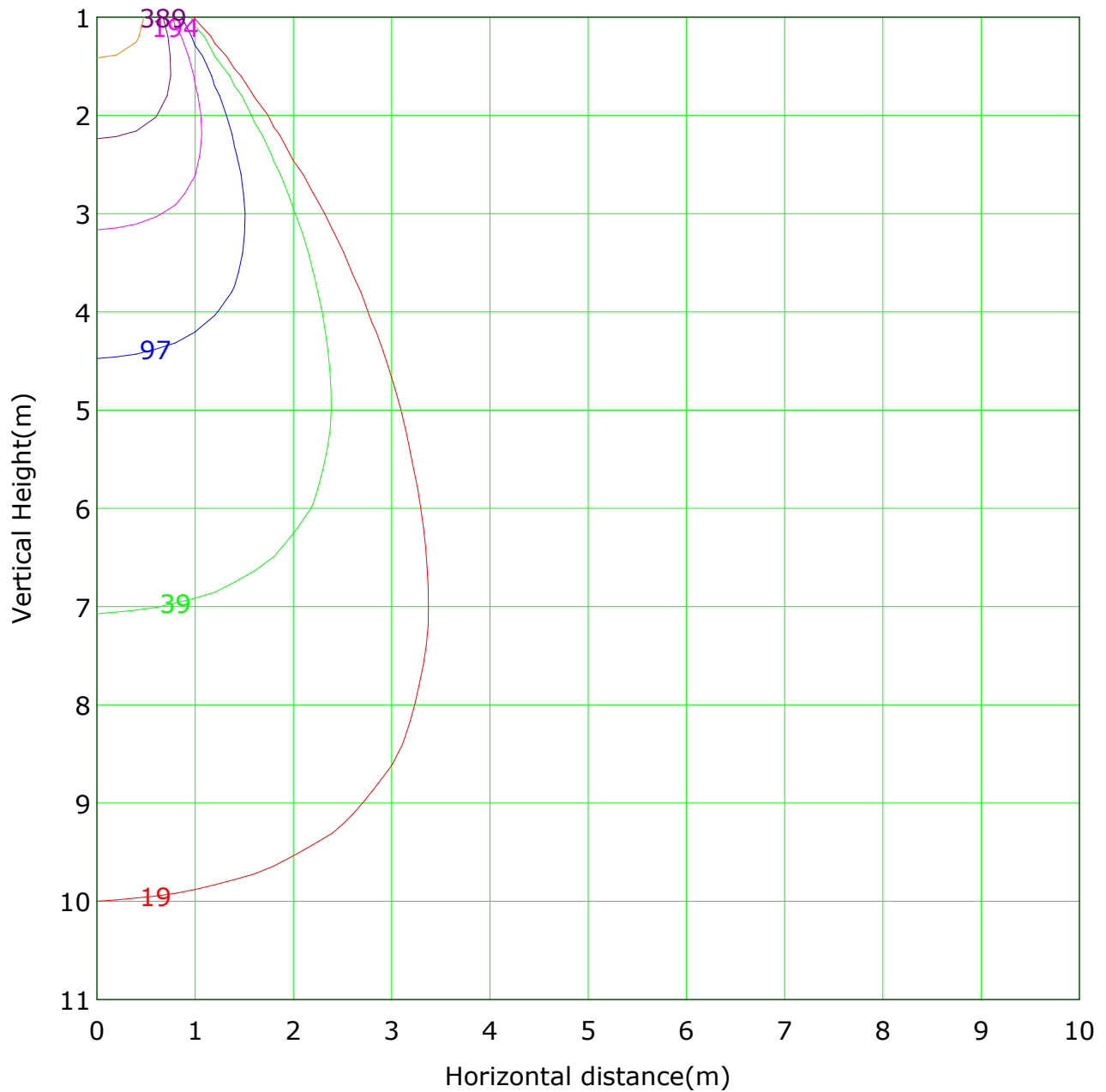
C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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

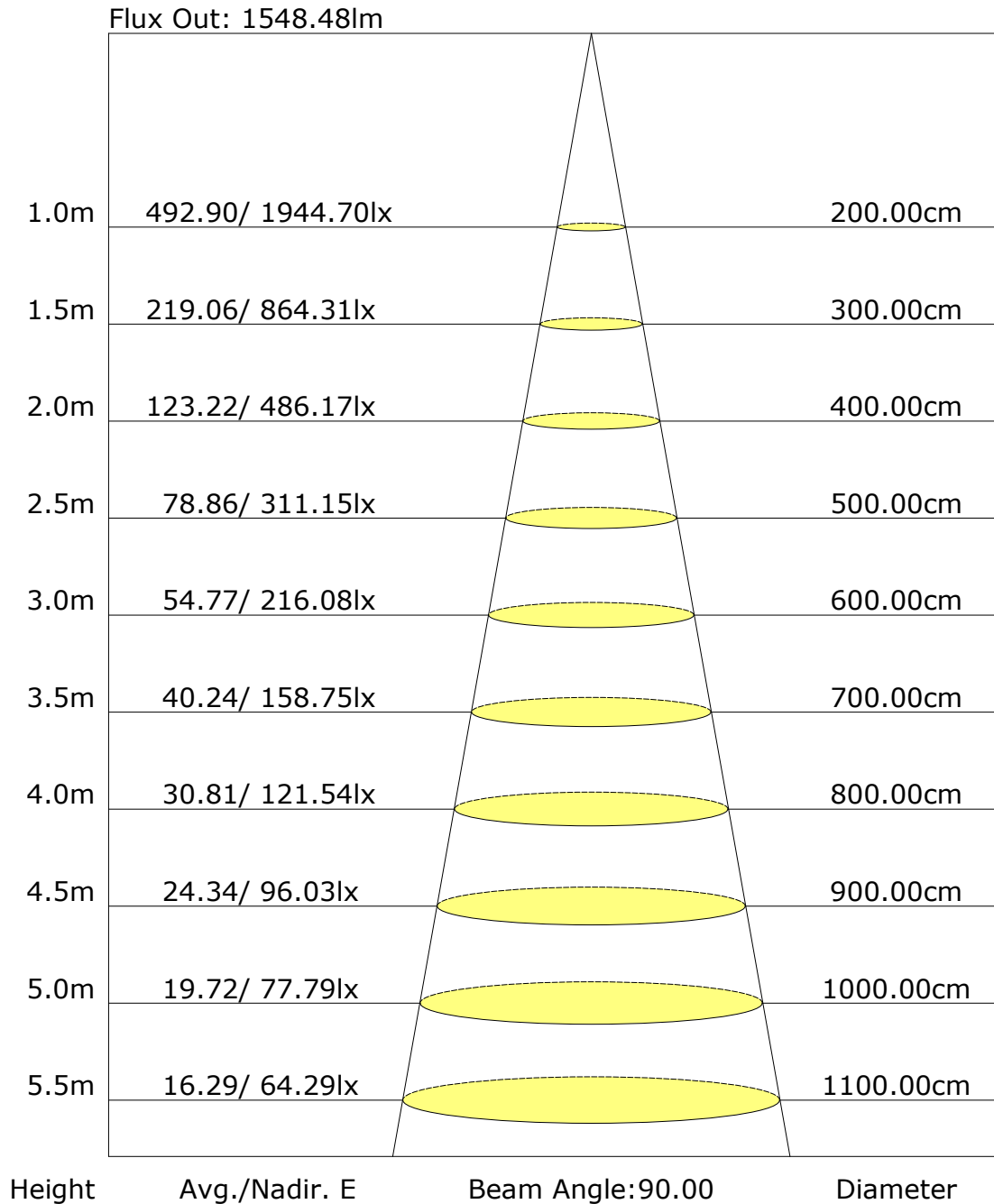


Lowest(m): 1m Highest(m): 11 Max Lux: 1945	
(1%): 19 lx	(2%): 39 lx
(5%): 97 lx	(10%): 194 lx
(20%): 389 lx	(50%): 972 lx
(100%): 1945 lx	

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



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: