

Report No.: 31.08412 Action Track light

Test Time: 2023-09-26 19:04

Luminaire Property

Luminaire Category: Bridgelux F90 V13C 3000K CRI90

Voltage: 221.9 V

Current: 0.192 A

Power: 41.40 W

Power Factor: 0.966

Photometric Results

CIE Class: Direct

Measurement Flux: 4712.5 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H18.9

Vertical Diffuse Angle(50%): V18.9

Luminaire Efficacy Rating (LER): 114

Max. Intensity: 34864.33 cd

Total Rated Lamp Lumens: 4712.5 lm

Efficiency: 100%

Upward Ratio: 0%

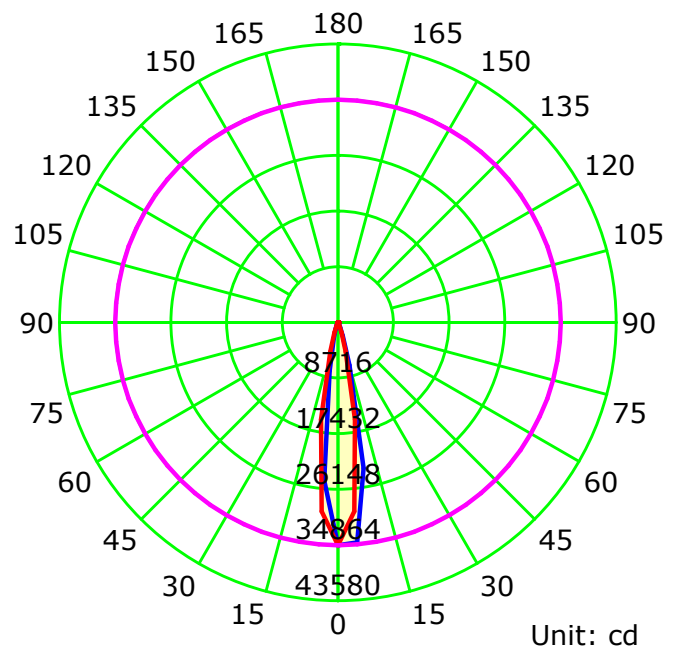
Central Intensity: 34864.33 cd

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

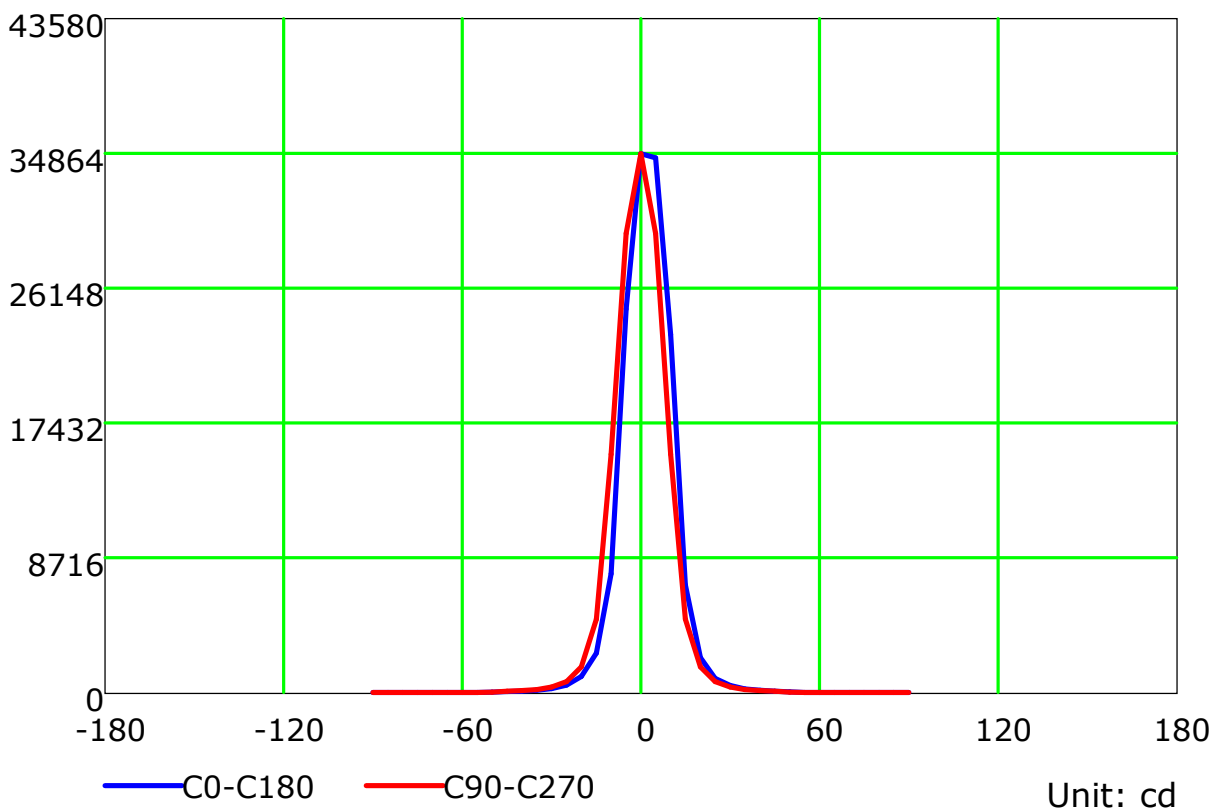
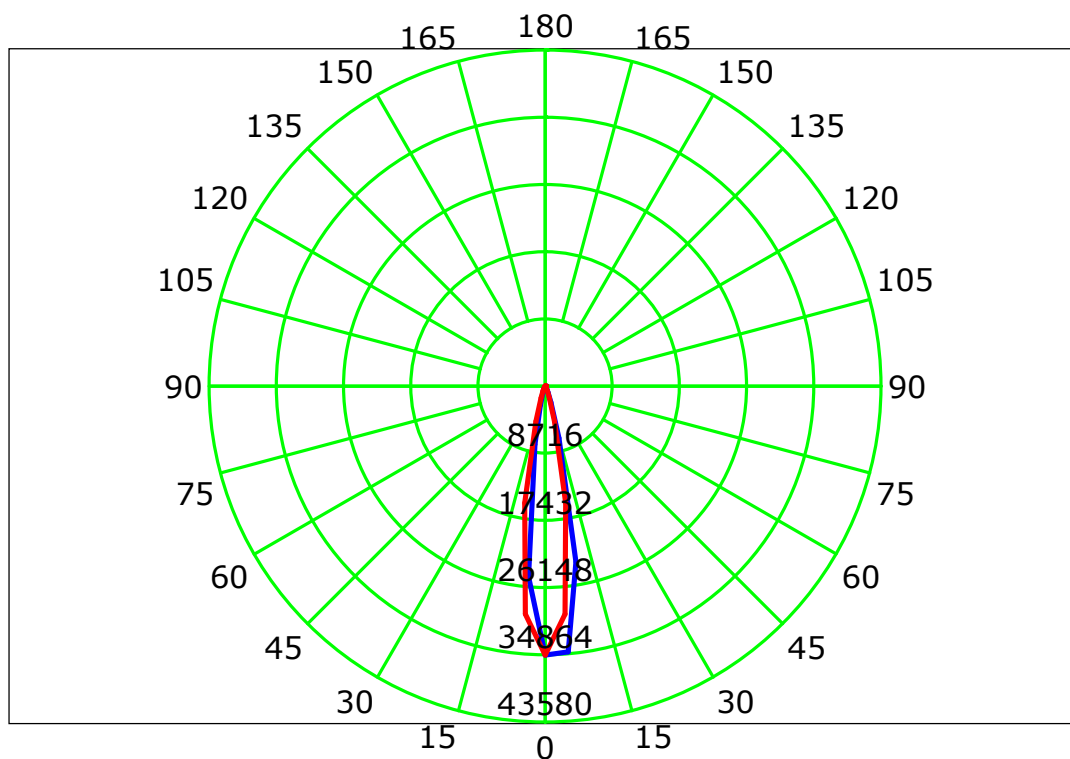
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

Luminous Intensity Distribution Curve

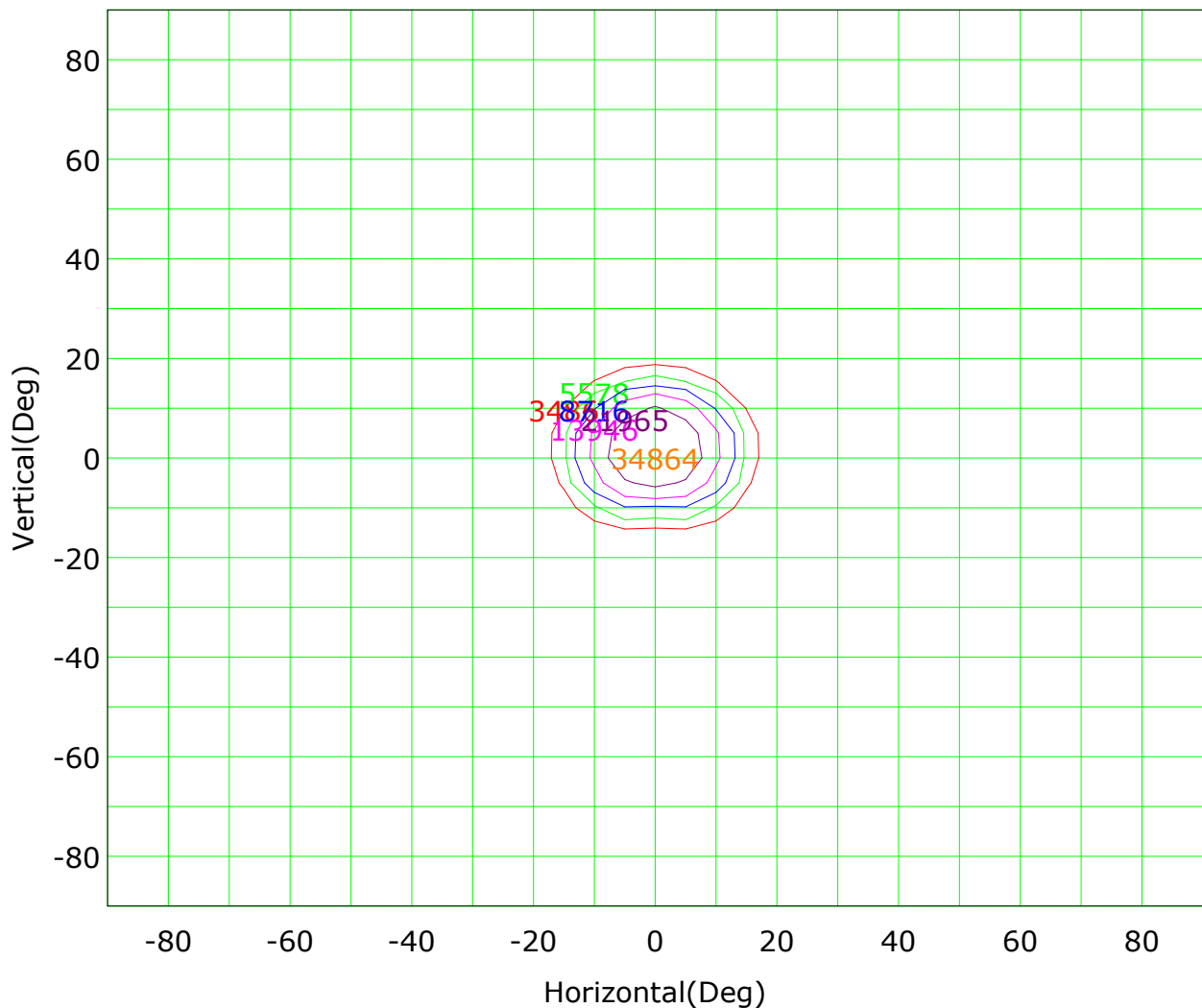


Unit: cd

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%): 34864 cd

(10%): 3486 cd	(16%): 5578 cd
(25%): 8716 cd	(40%): 13946 cd
(63%): 21965 cd	(100%): 34864 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

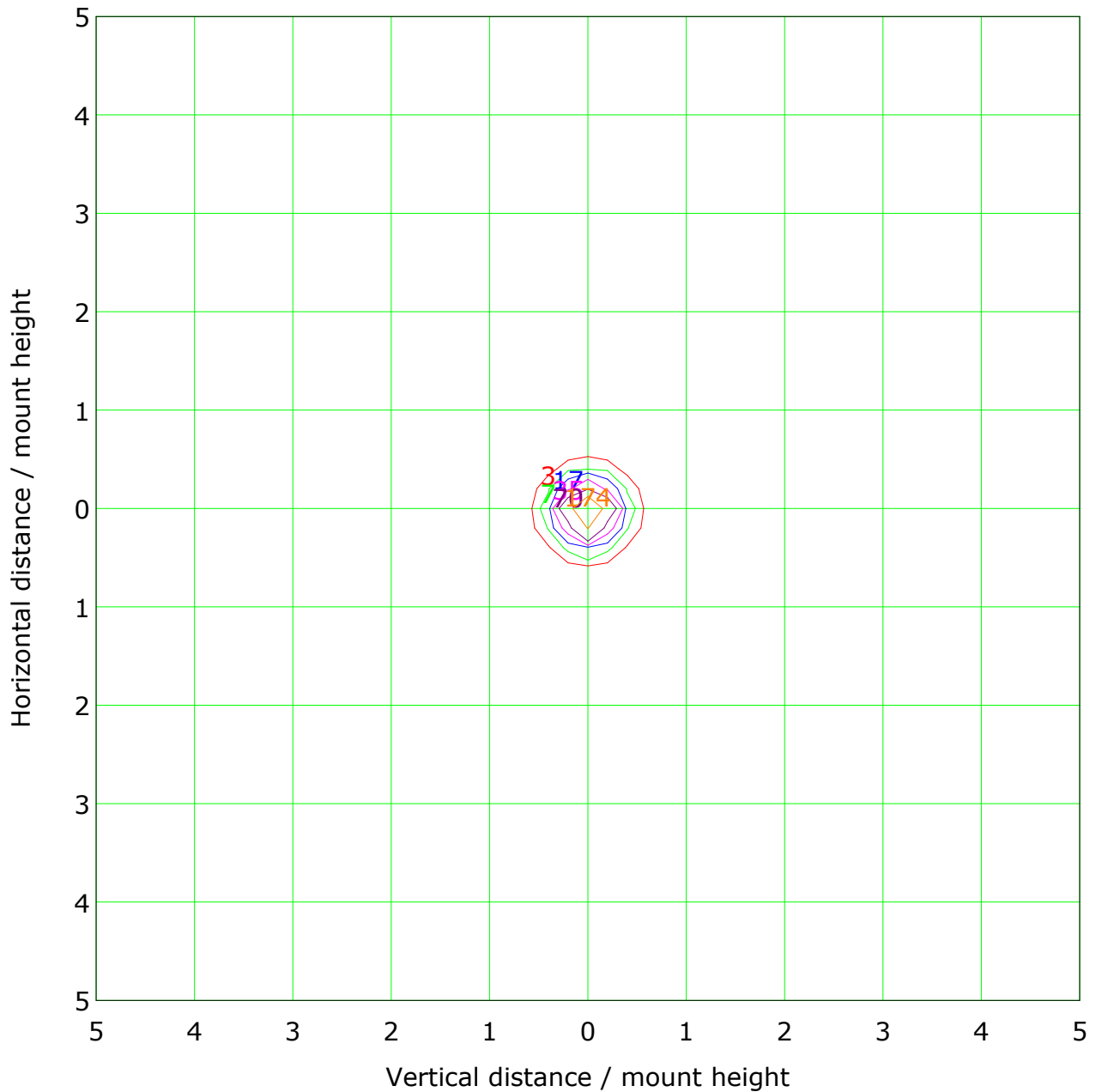
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10m		Max Lux(100%): 349 lx	
— (1%):	3 lx	— (2%):	7 lx
— (5%):	17 lx	— (10%):	35 lx
— (20%):	70 lx	— (50%):	174 lx
— (100%):	349 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

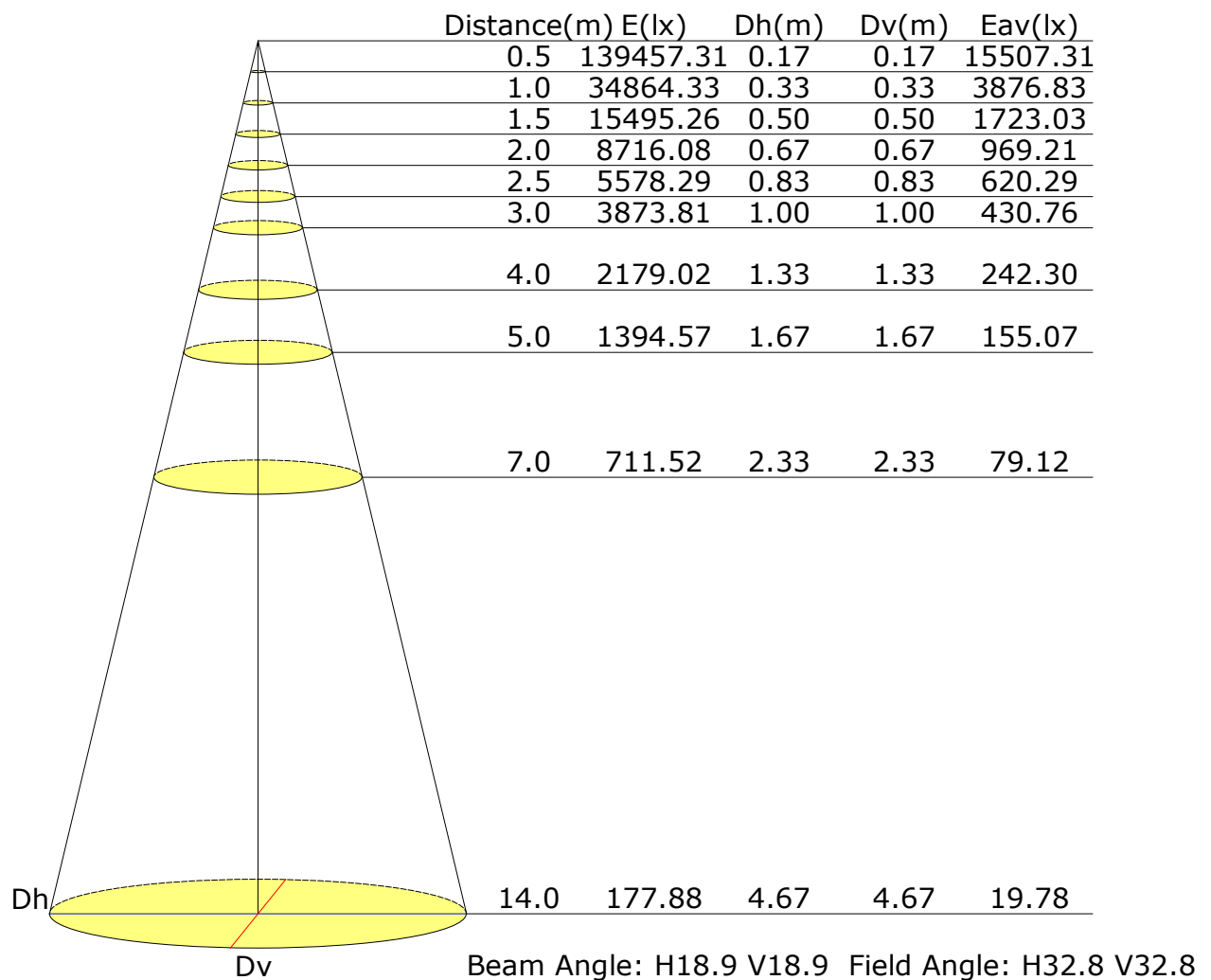
Test Device: CHL-6E

Distance: 3.000 m

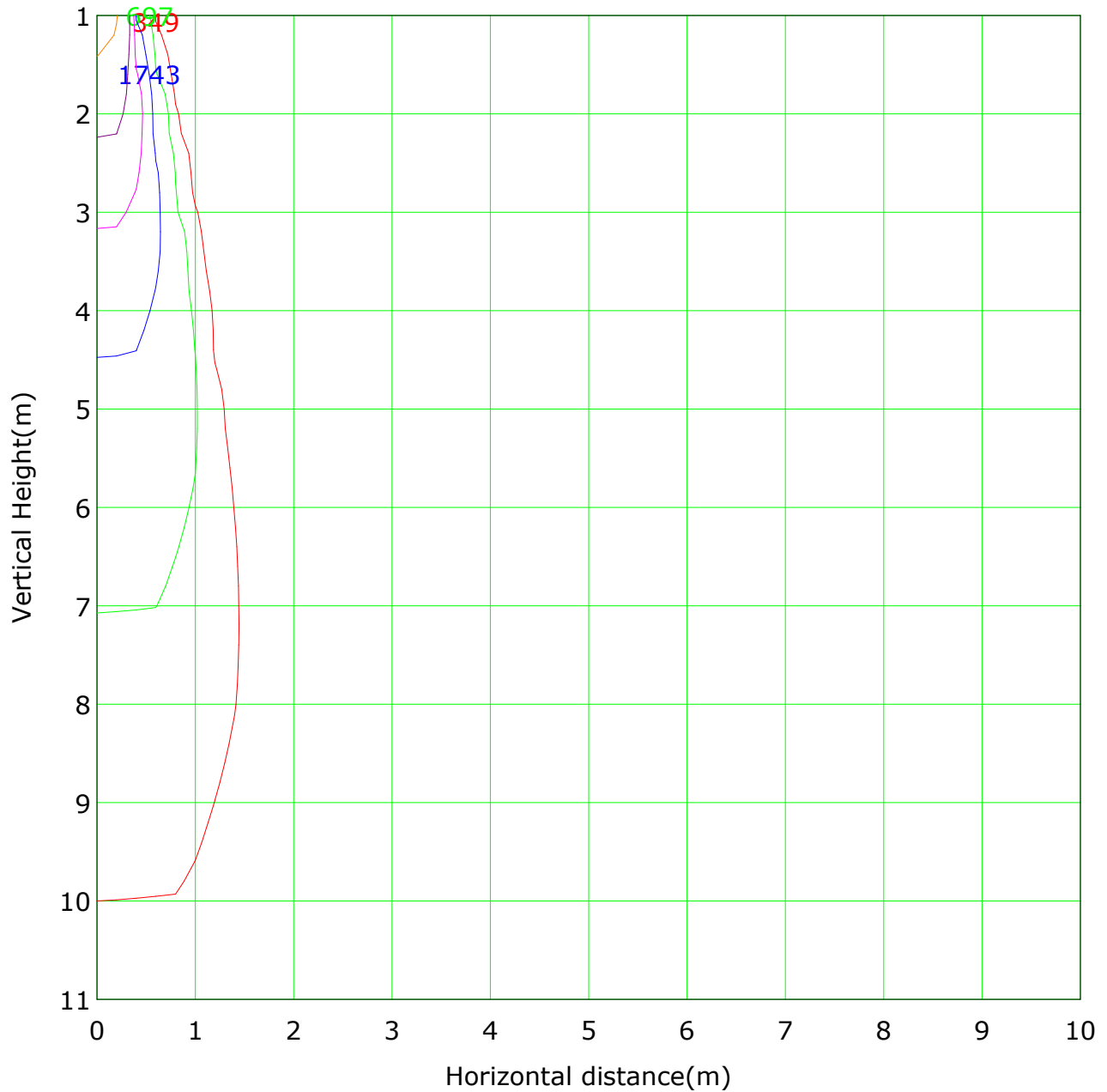
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot

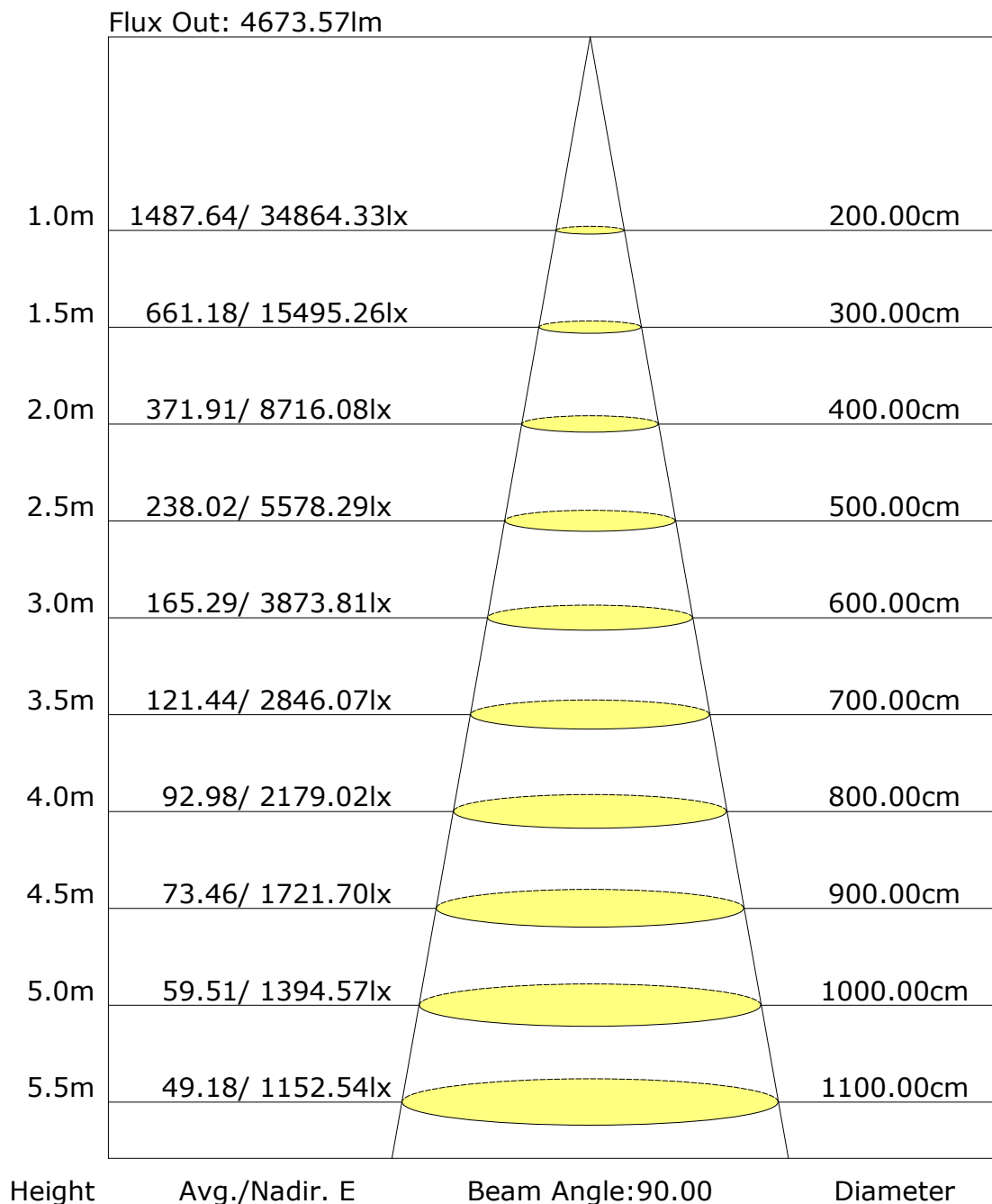


Lowest(m): 1m Highest(m): 11 Max Lux: 34864
— (1%): 349 lx — (2%): 697 lx
— (5%): 1743 lx — (10%): 3486 lx
— (20%): 6973 lx — (50%): 17432 lx
— (100%): 34864 lx

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: