

Report No.: 32.09013 EMMA Track Light

Test Time: 2023-09-09 15:40

Luminaire Property

Luminaire Category: Bridgelux V13C 3000K CRI90

Voltage: 221.0 V

Current: 0.171 A

Power: 36.30 W

Power Factor: 0.960

Photometric Results

CIE Class: Direct

Measurement Flux: 4460.9 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H20.5

Vertical Diffuse Angle(50%): V20.5

Luminaire Efficacy Rating (LER): 123

Max. Intensity: 31343.5 cd

Total Rated Lamp Lumens: 4460.9 lm

Efficiency: 100%

Upward Ratio: 0%

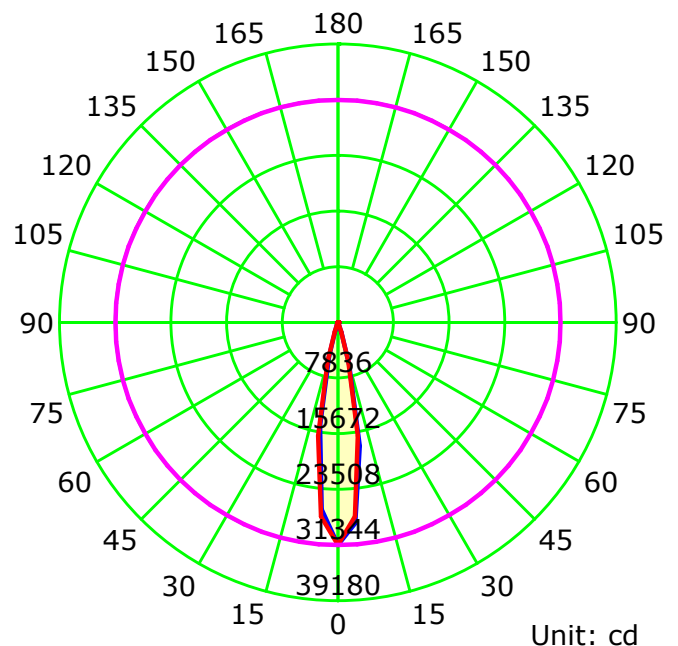
Central Intensity: 31343.5 cd

Pos of Max. Intensity: H0 V0

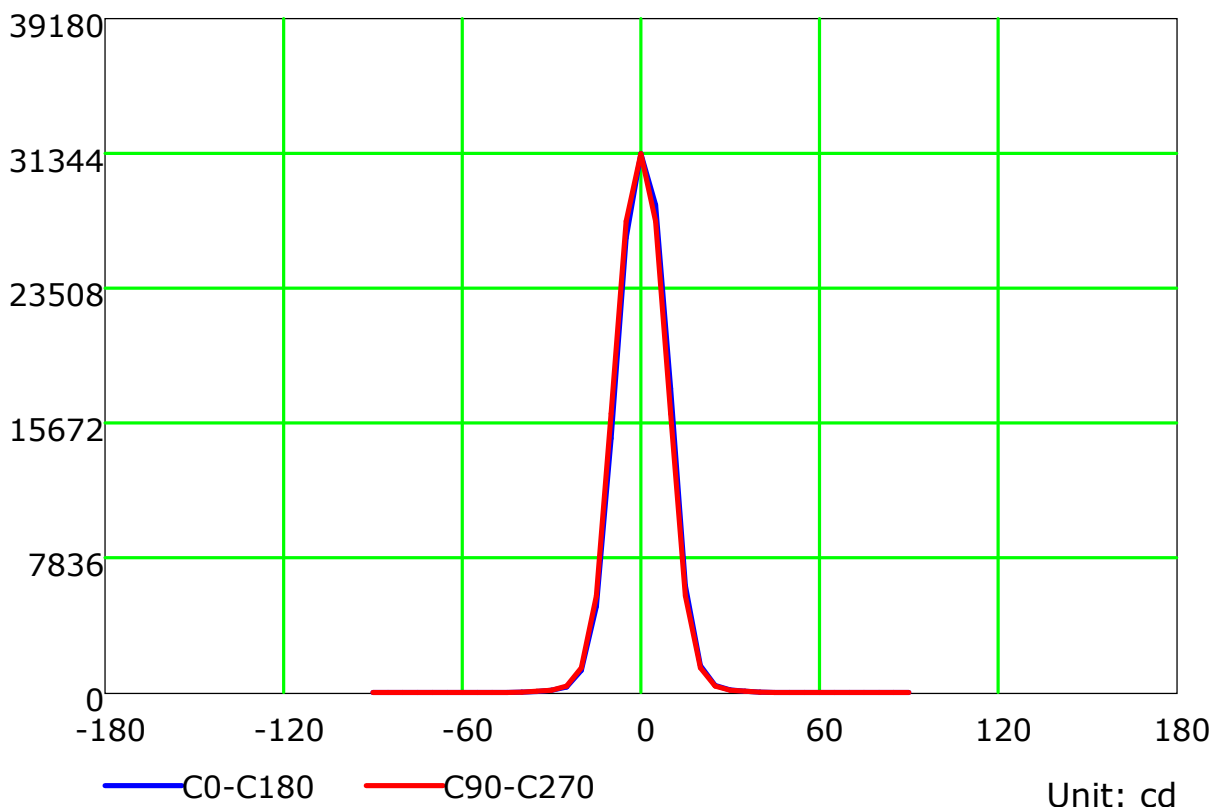
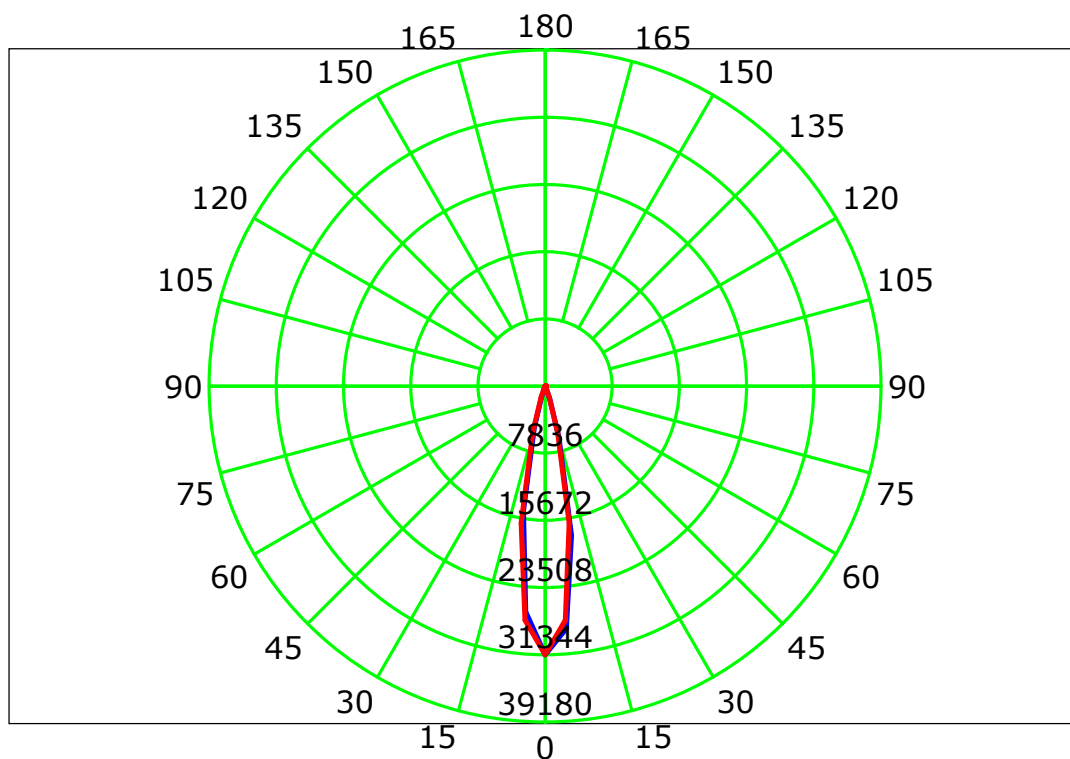
Picture Of Luminaire



Luminous Intensity Distribution Curve



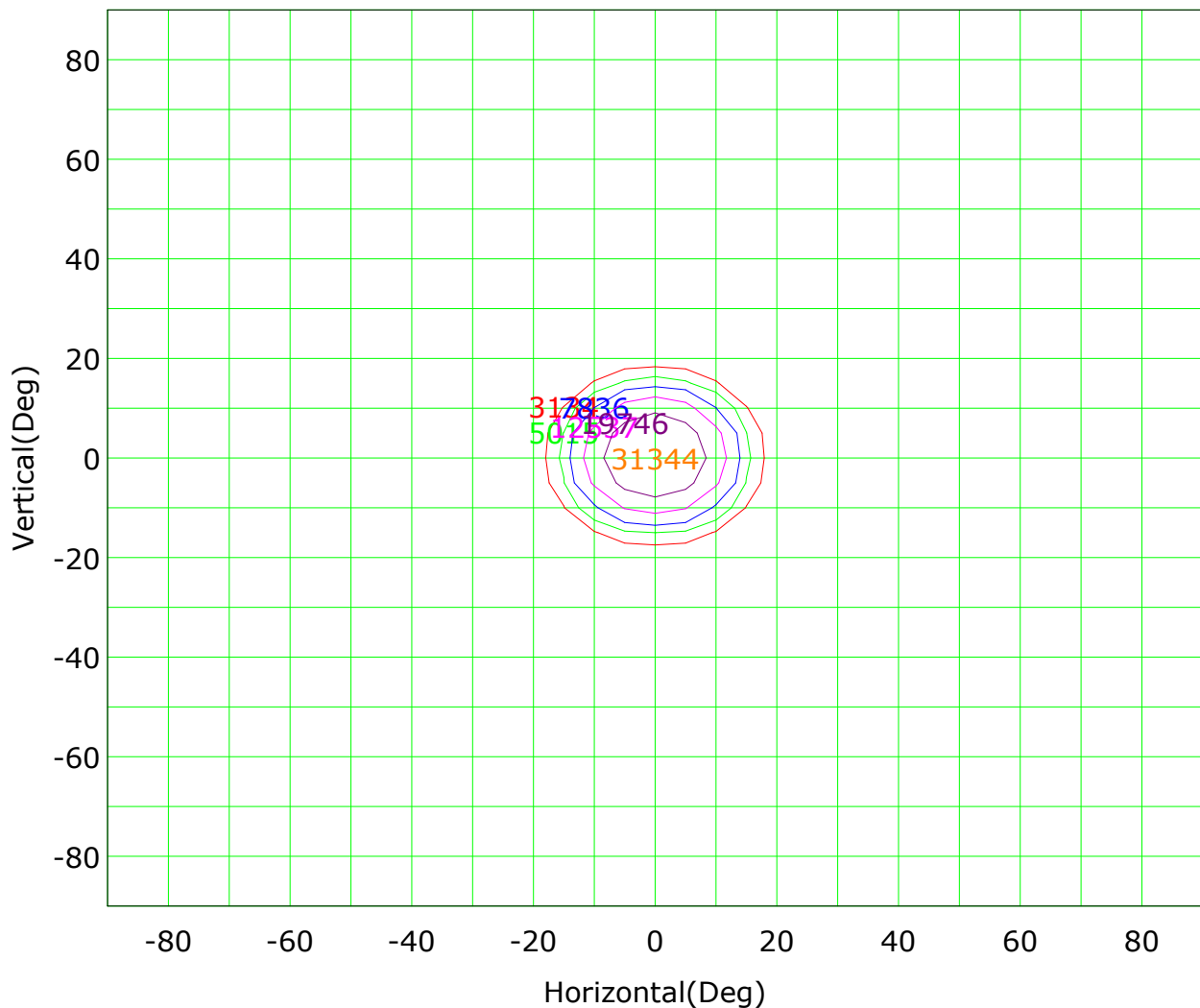
Luminous Intensity Distribution Curve



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%): 31344 cd

(10%): 3134 cd	(16%): 5015 cd
(25%): 7836 cd	(40%): 12537 cd
(63%): 19746 cd	(100%): 31344 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

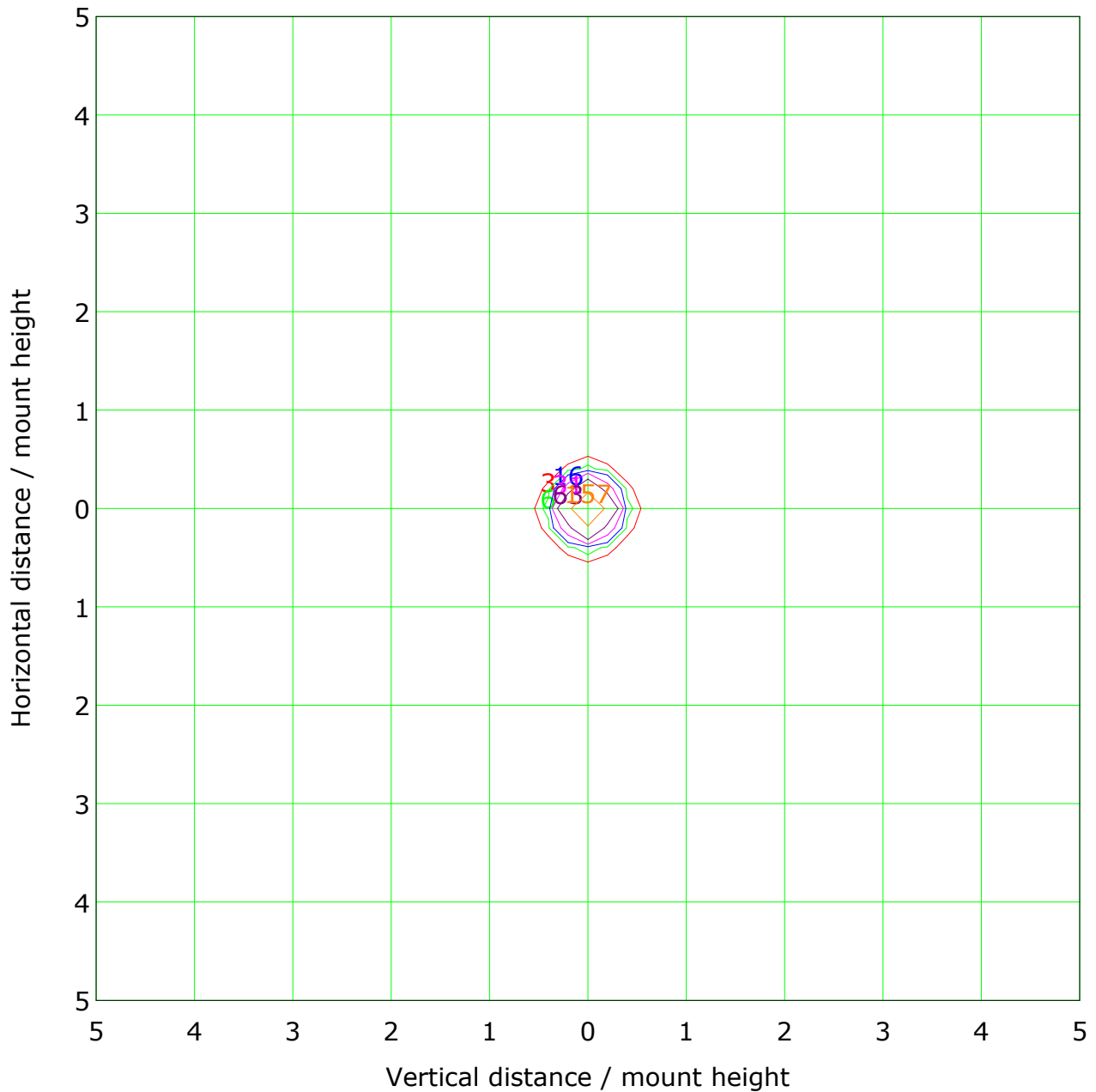
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10m		Max Lux(100%): 313 lx	
— (1%):	3 lx	— (2%):	6 lx
— (5%):	16 lx	— (10%):	31 lx
— (20%):	63 lx	— (50%):	157 lx
— (100%):	313 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

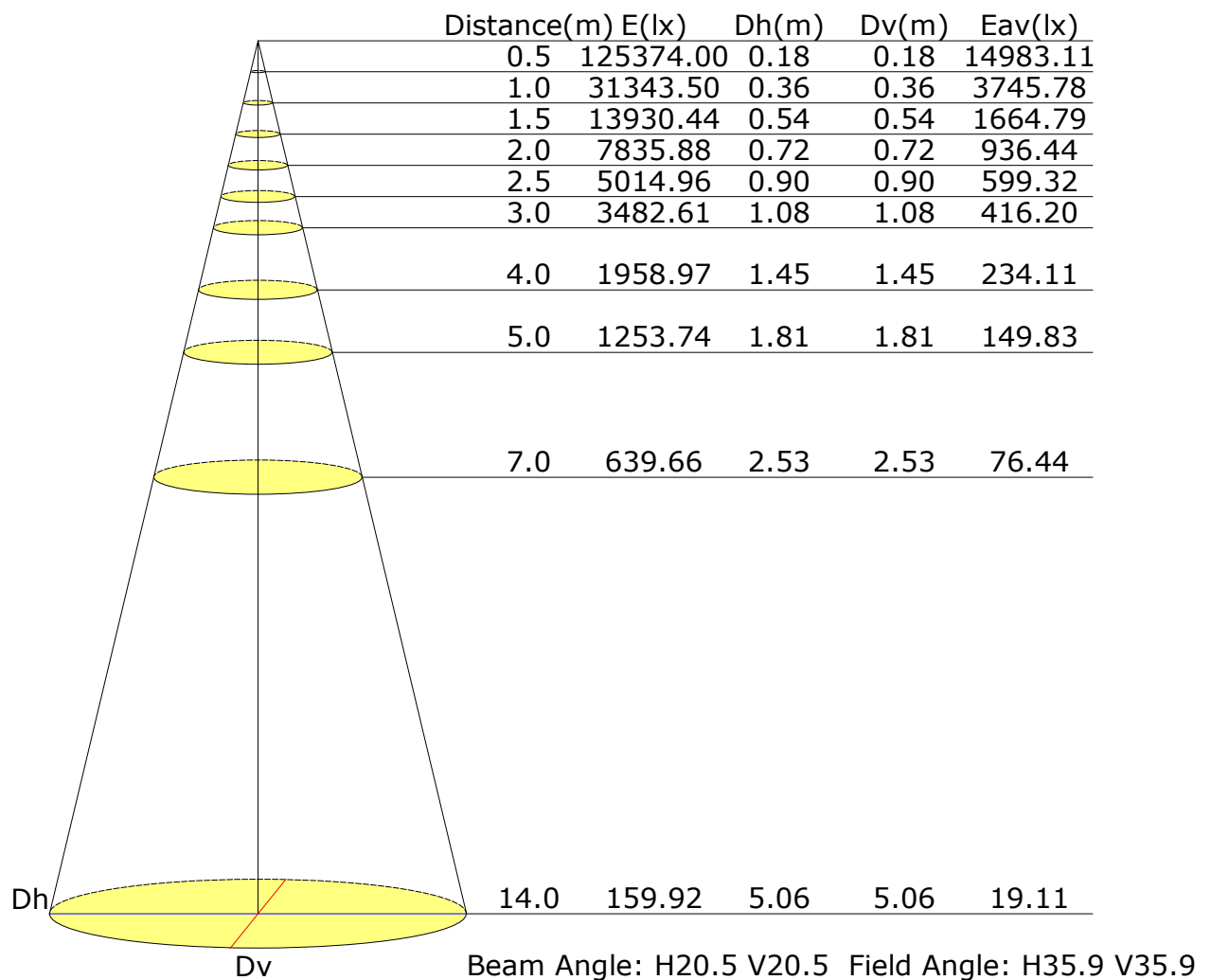
Test Device: CHL-6E

Distance: 3.000 m

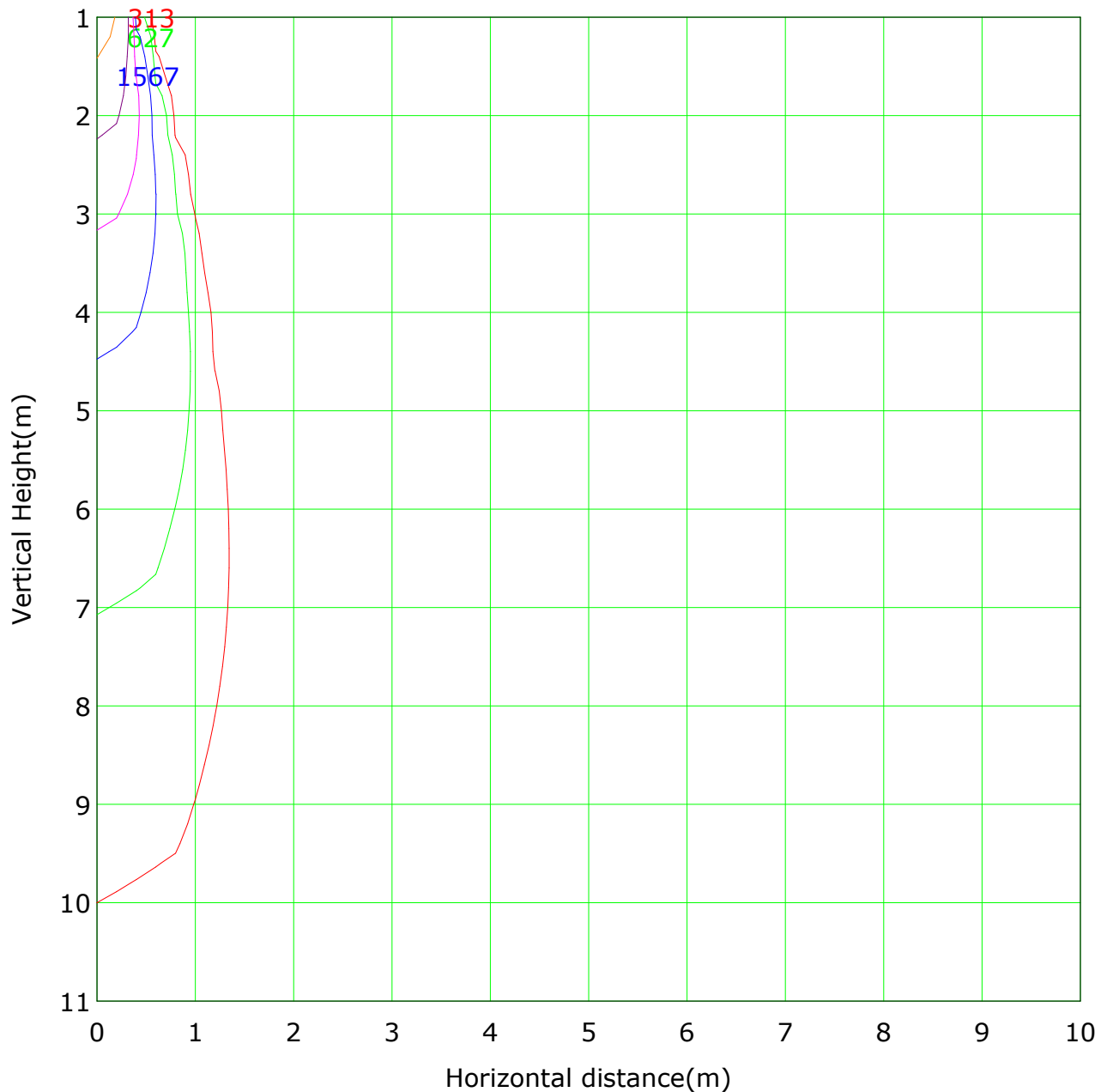
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



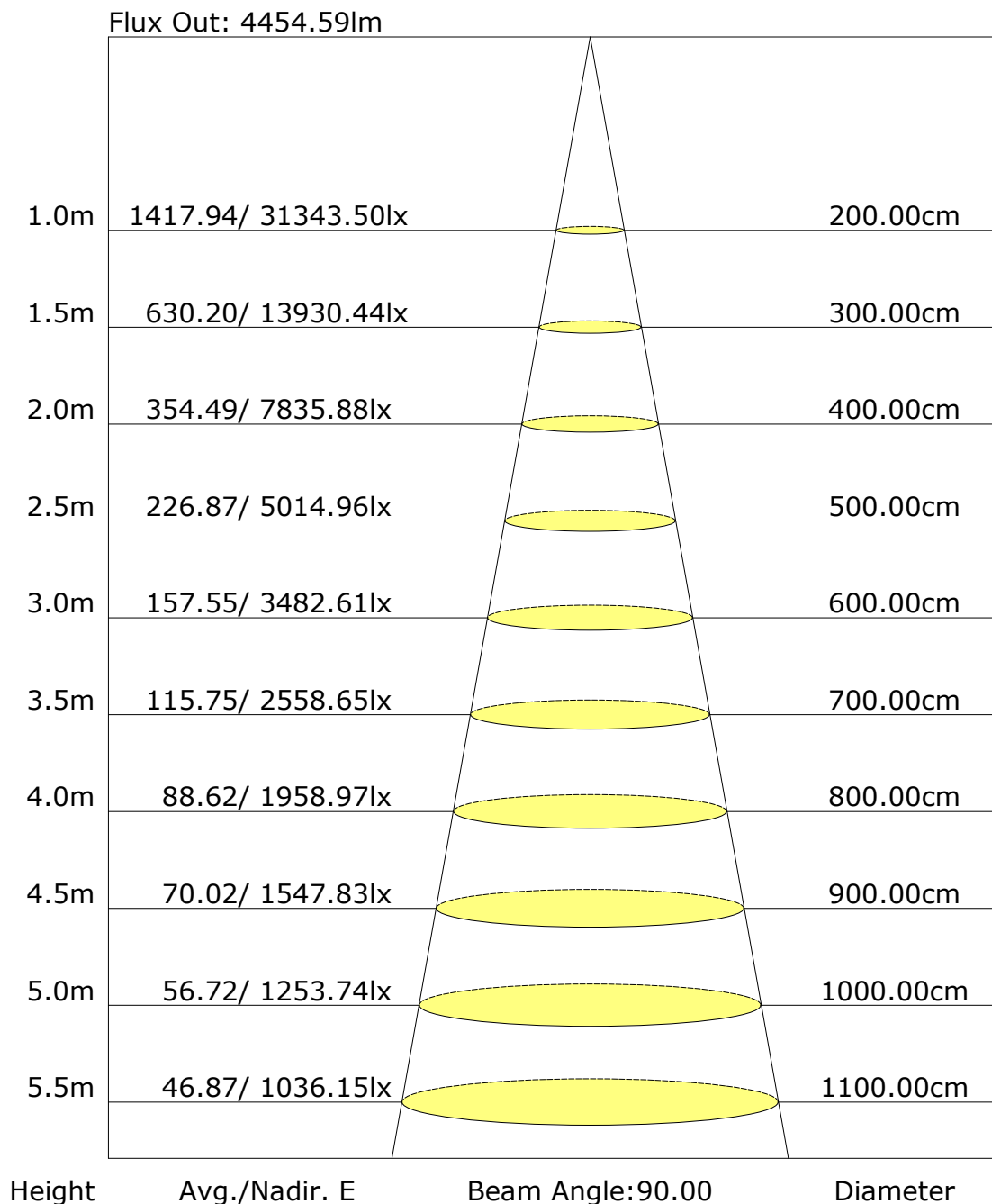
Lowest(m): 1m Highest(m): 11 Max Lux: 31344

— (1%): 313 lx	— (2%): 627 lx
— (5%): 1567 lx	— (10%): 3134 lx
— (20%): 6269 lx	— (50%): 15672 lx
— (100%): 31344 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: