

Report No.: 81.20011 DELTA Pendant Light Test Time: 2023-10-06 15:25

Luminaire Property

Luminaire Category: Bridgelux V10A F90 3000K CRI90

Voltage: 222.0 V

Current: 0.112 A

Power: 13.80 W

Power Factor: 0.555

Photometric Results

CIE Class: Direct

Measurement Flux: 1612.7 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H21.5

Vertical Diffuse Angle(50%): V21.5

Luminaire Efficacy Rating (LER): 117

Max. Intensity: 8400.99 cd

Total Rated Lamp Lumens: 1612.7 lm

Efficiency: 100%

Upward Ratio: 0%

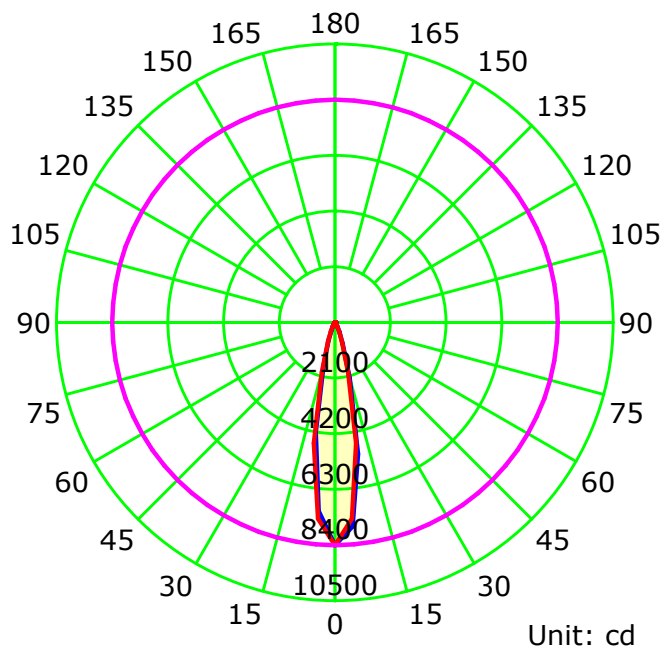
Central Intensity: 8400.98 cd

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

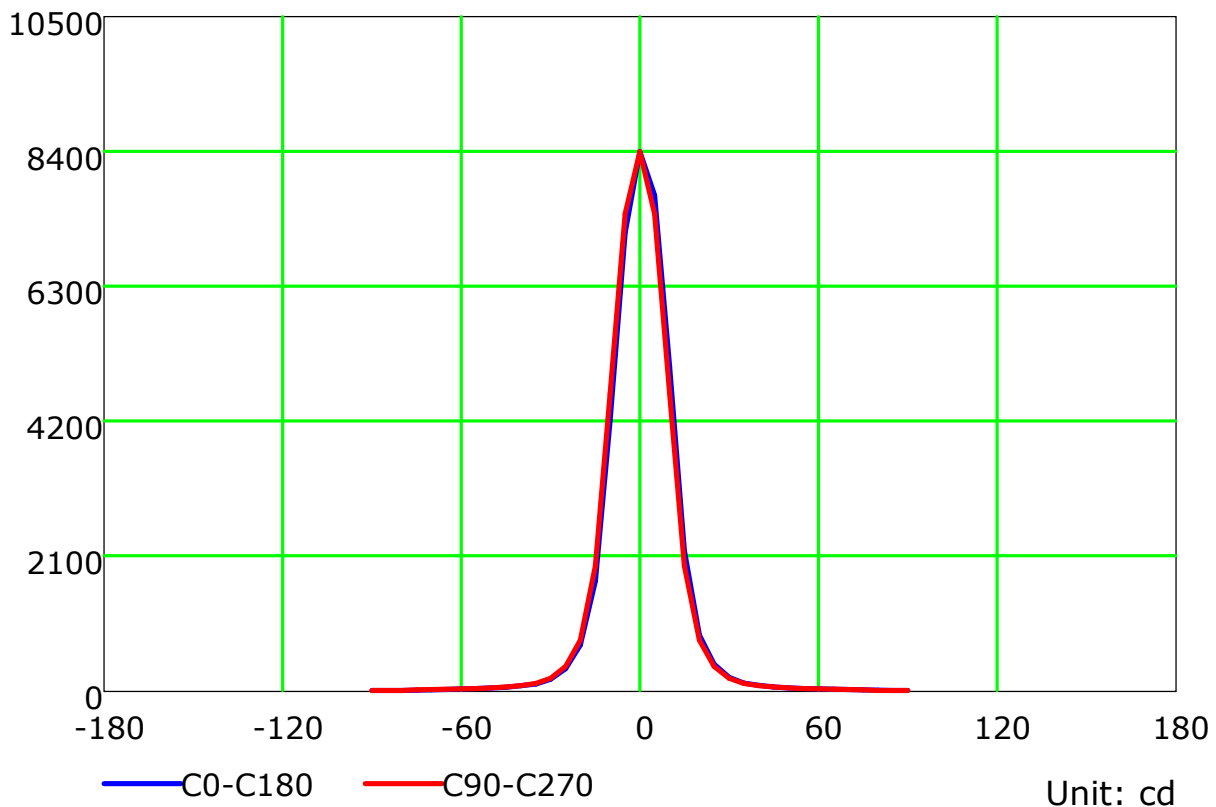
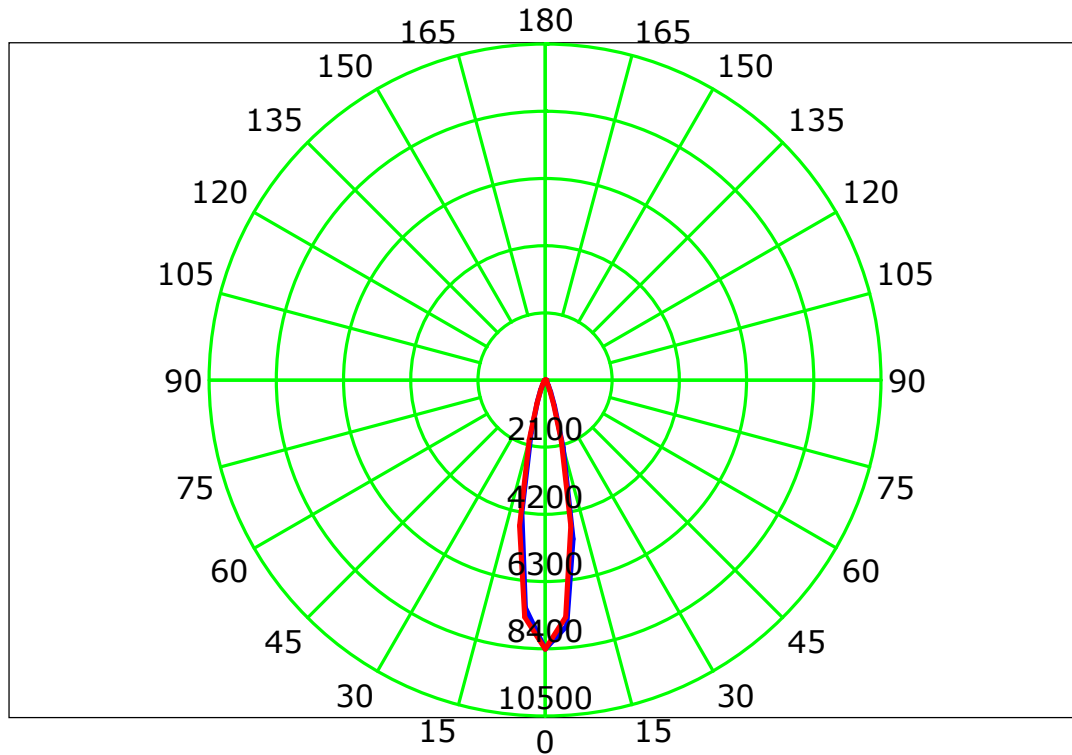
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

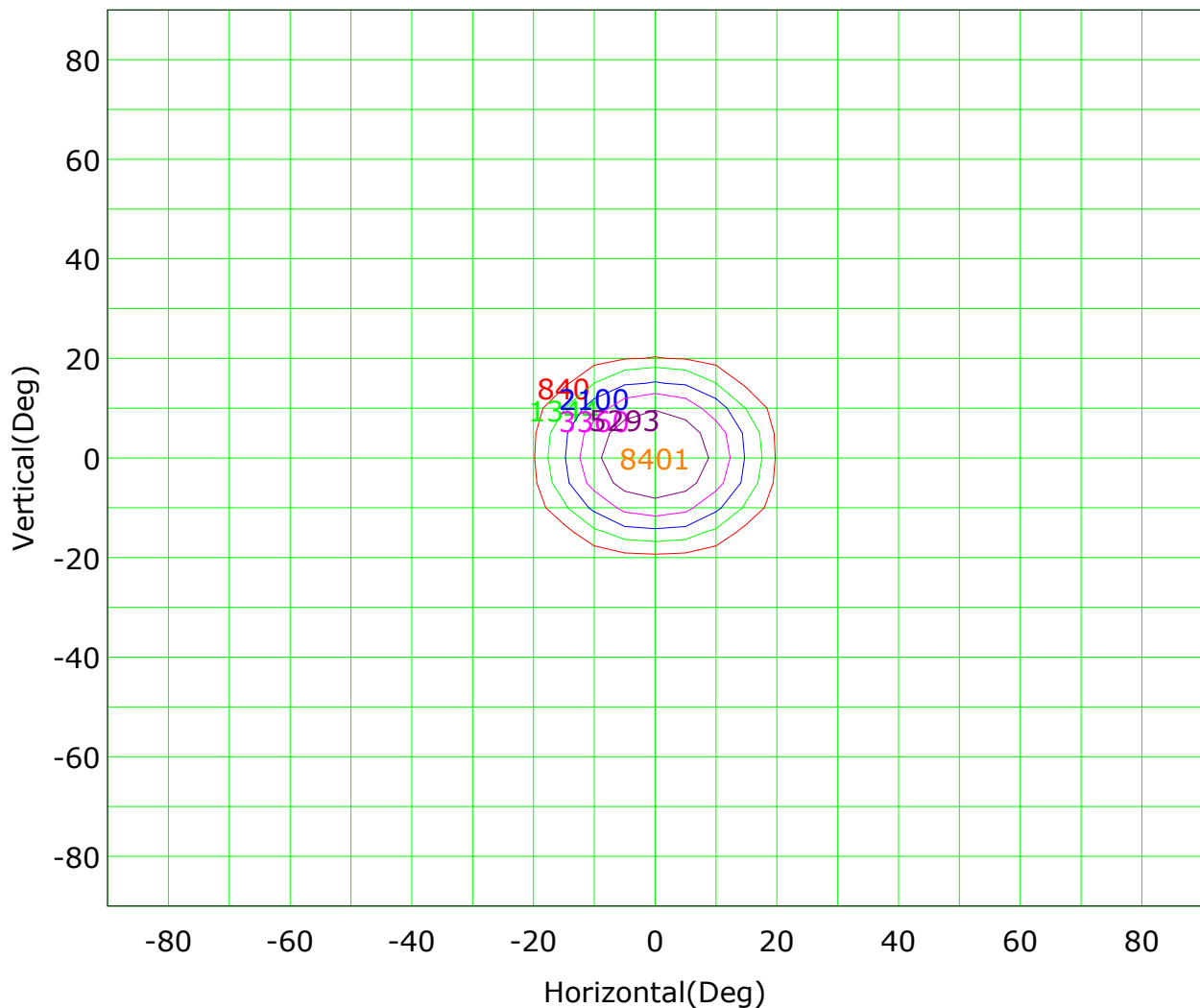
Luminous Intensity Distribution Curve



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%): 8401 cd

(10%): 840 cd	(16%): 1344 cd
(25%): 2100 cd	(40%): 3360 cd
(63%): 5293 cd	(100%): 8401 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

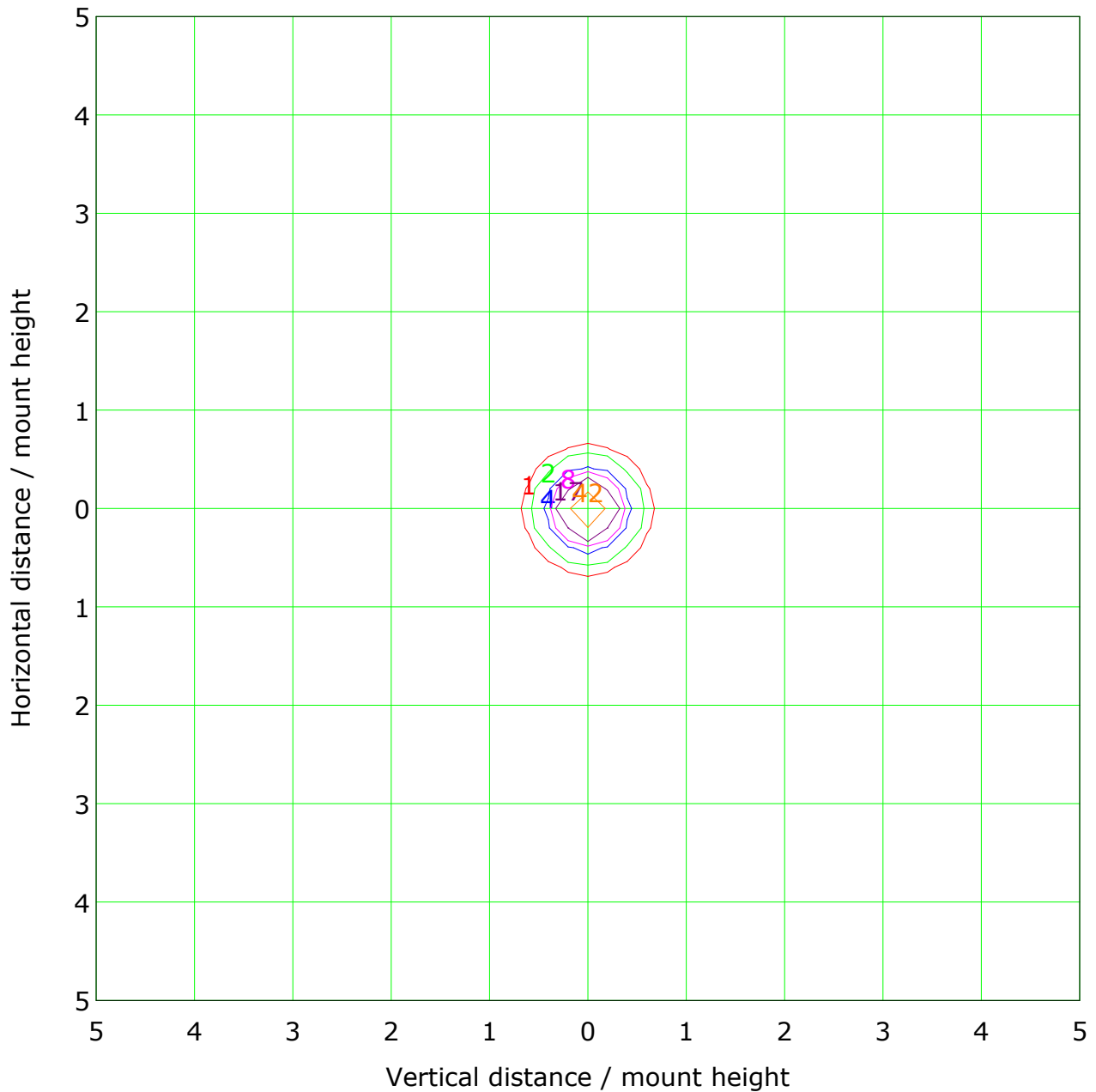
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10m Max Lux(100%): 84 lx			
— (1%):	1 lx	— (2%):	2 lx
— (5%):	4 lx	— (10%):	8 lx
— (20%):	17 lx	— (50%):	42 lx
— (100%):	84 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

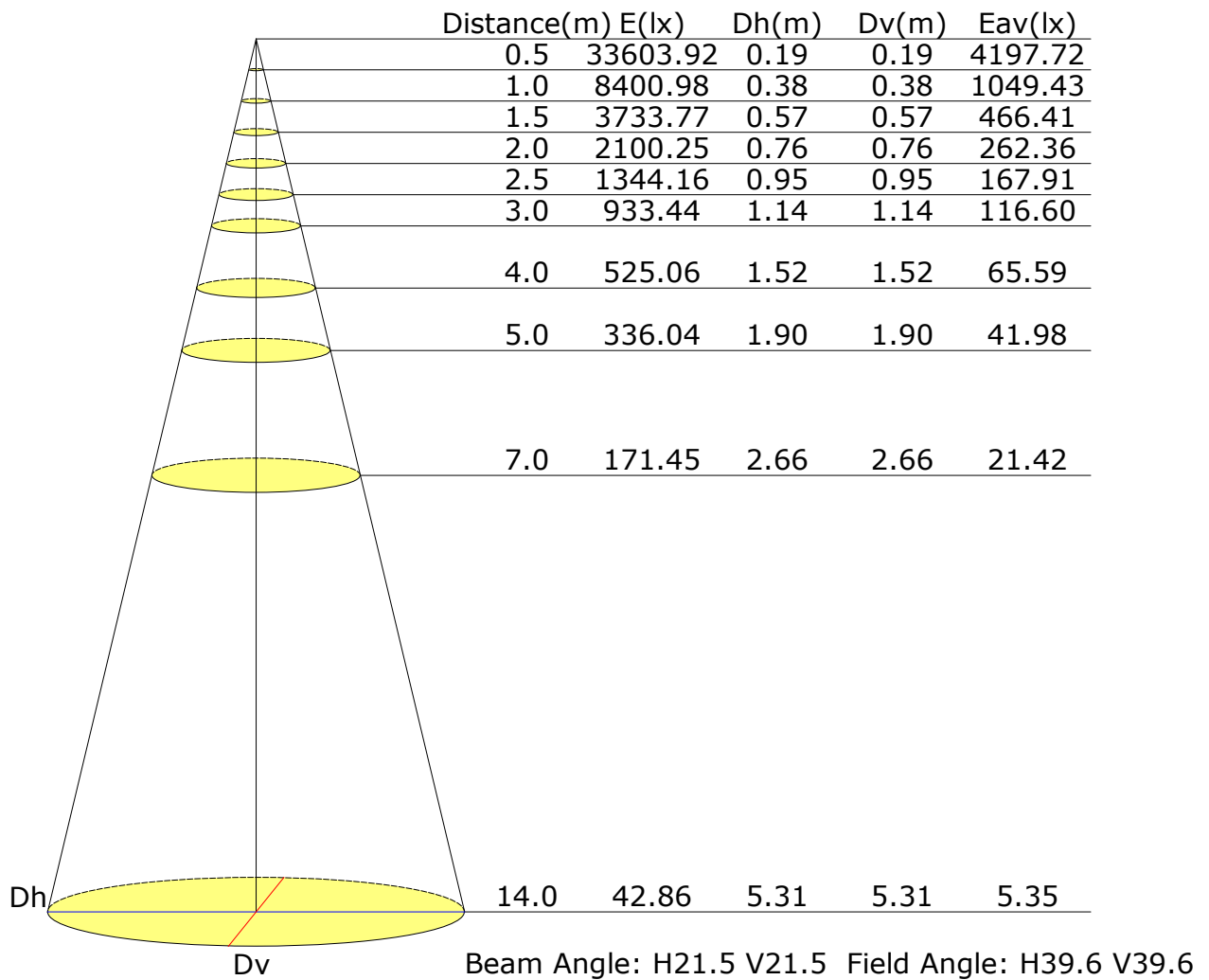
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

Illuminance at a Distance



C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

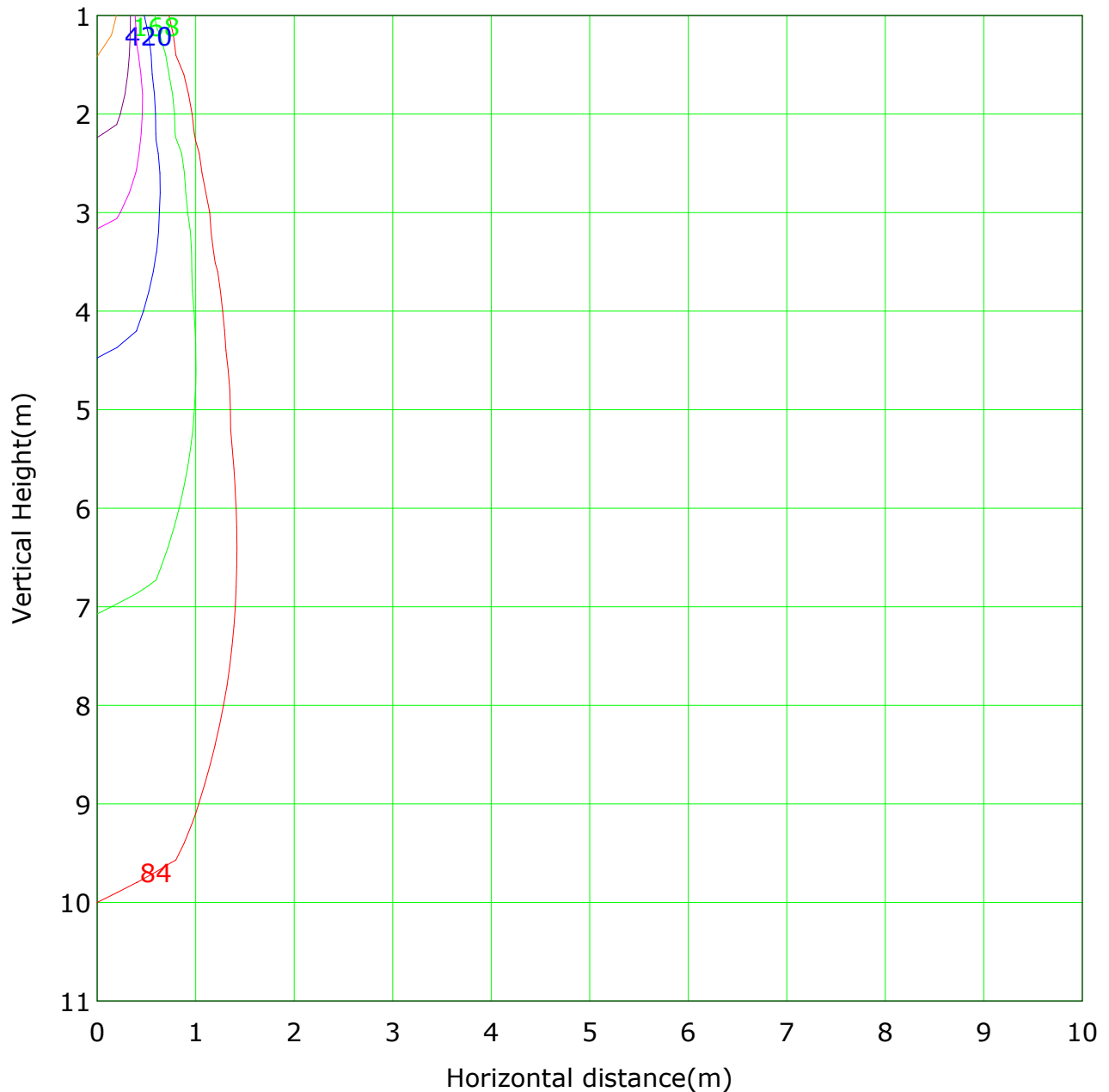
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

Vertical IsoLux Plot



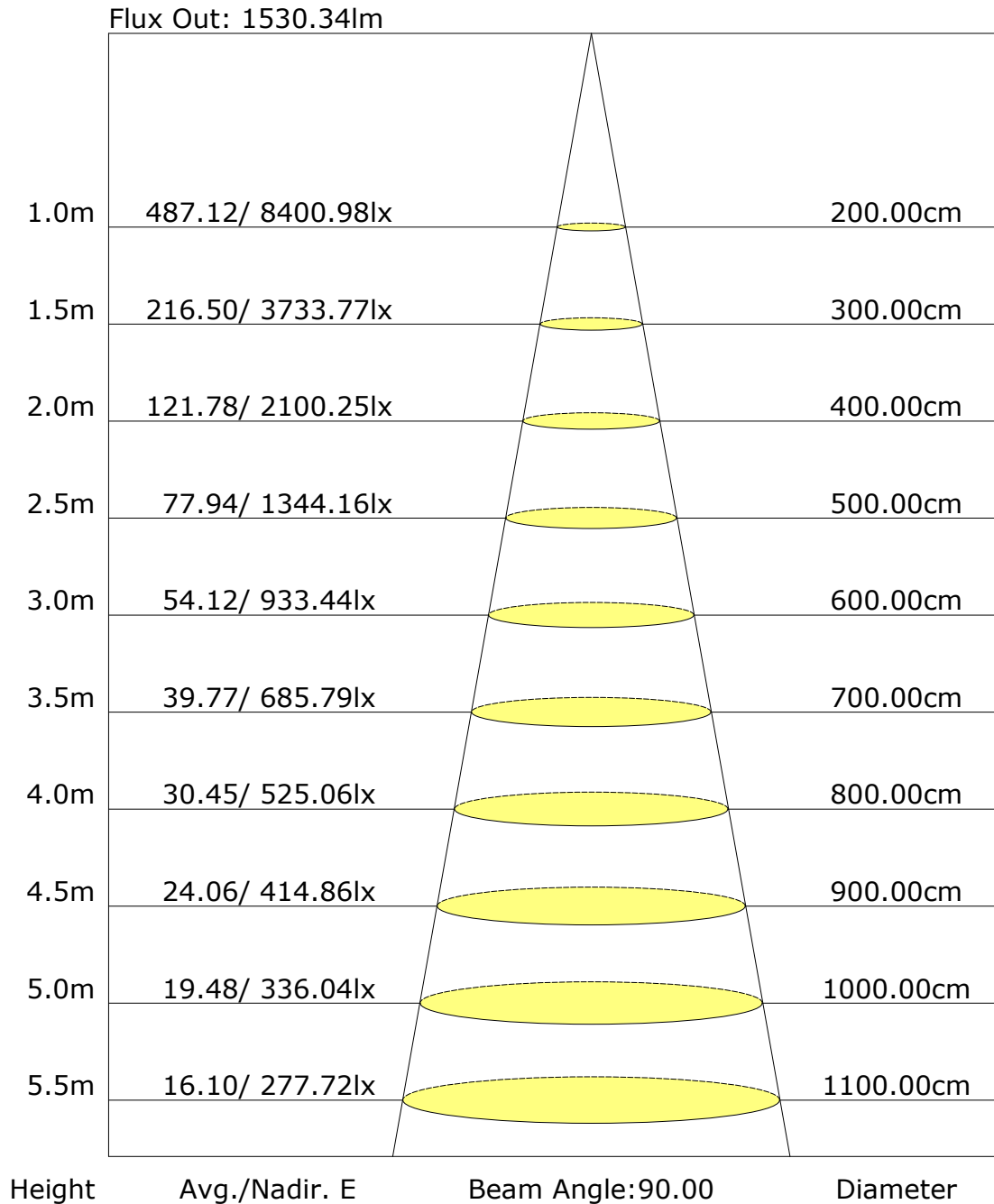
Lowest(m): 1m Highest(m): 11 Max Lux: 8401

(1%): 84 lx	(2%): 168 lx
(5%): 420 lx	(10%): 840 lx
(20%): 1680 lx	(50%): 4200 lx
(100%): 8401 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: