

Report No.: 51.03015 Recessed Downlight Test Time: 2023-07-01 19:26

Luminaire Property

Luminaire Category: Bridgelux V4HD 3000K CRI90
Luminaire Description: 36D
Current: 0.057 A
Power Factor: 0.532
Voltage: 214.8 V
Power: 6.50 W

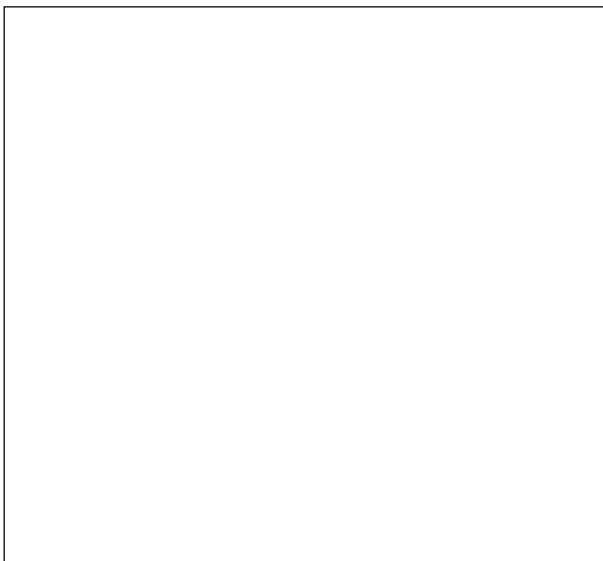
Photometric Results

CIE Class: Direct
Measurement Flux: 396.4 lm
Downward Ratio: 100%
Horizontal Diffuse Angle(50%): H39.2
Vertical Diffuse Angle(50%): V39.2
Luminaire Efficacy Rating (LER): 61
Max. Intensity: 875.55 cd

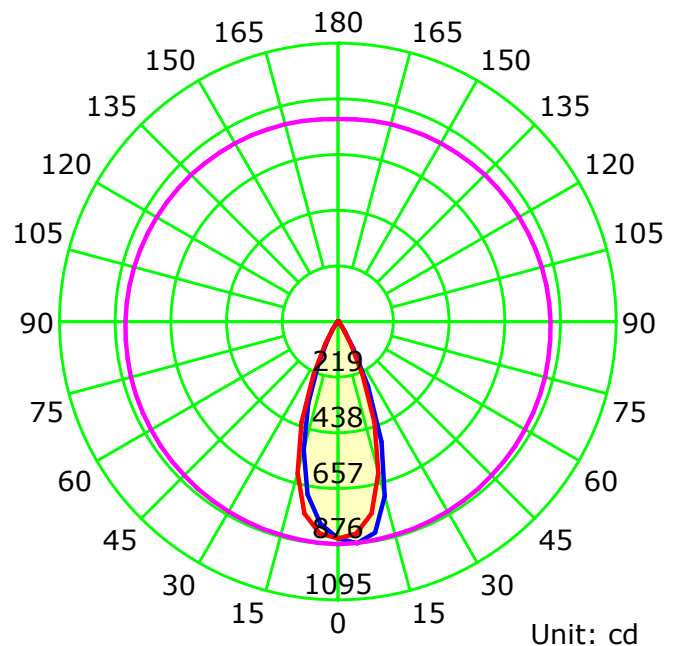
Total Rated Lamp Lumens: 396.4 lm
Efficiency: 100%
Upward Ratio: 0%

Central Intensity: 852.65 cd
Pos of Max. Intensity: H0 V5

Picture Of Luminaire



Luminous Intensity Distribution Curve

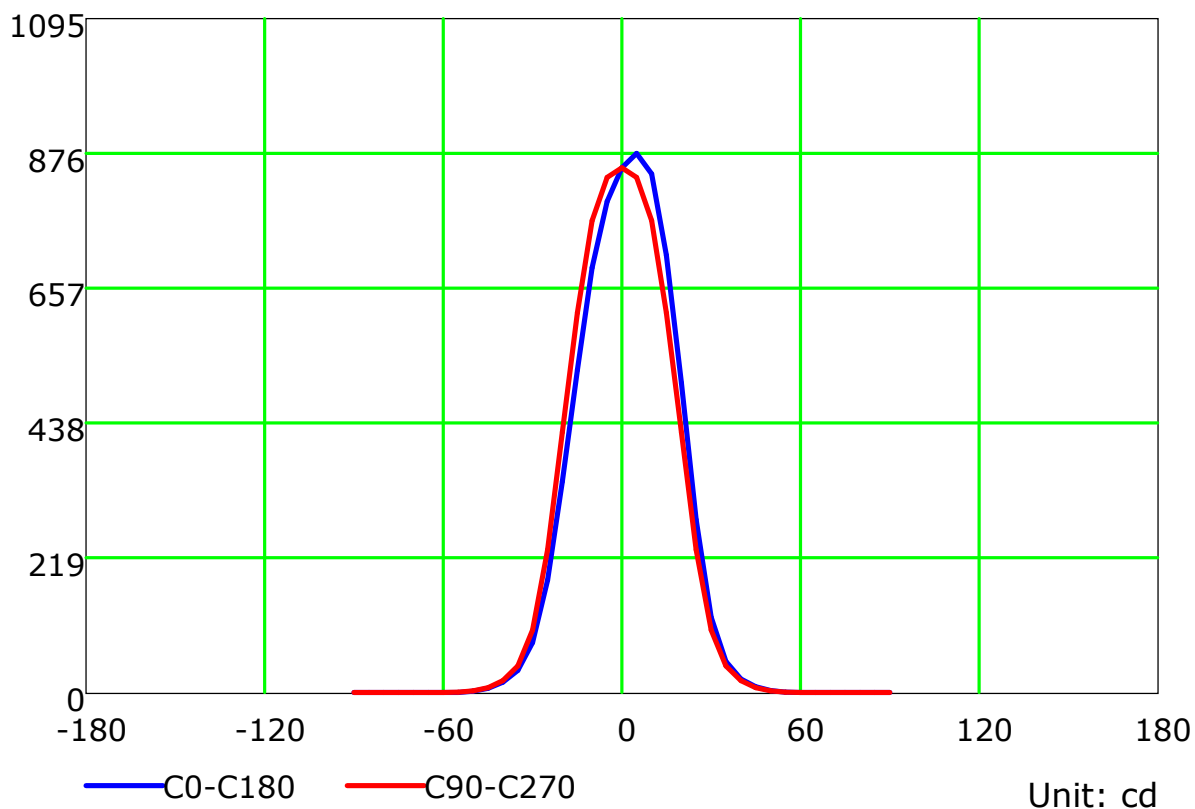
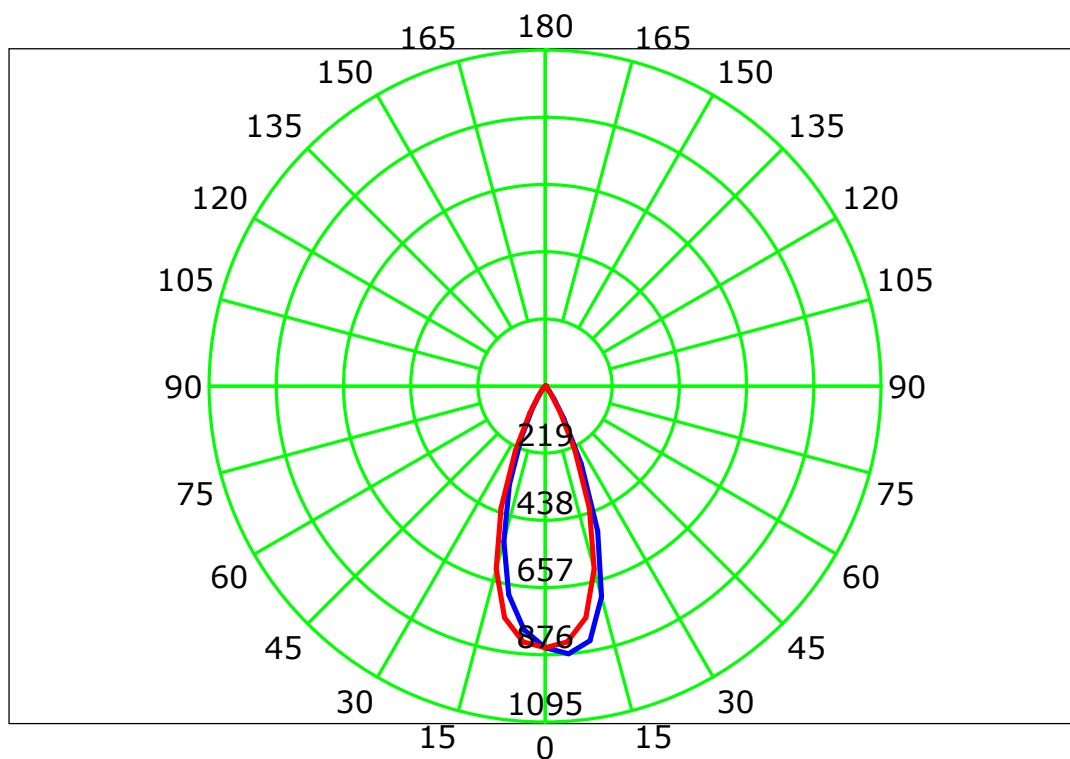


— C0-C180 — C90-C270 — G5

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:

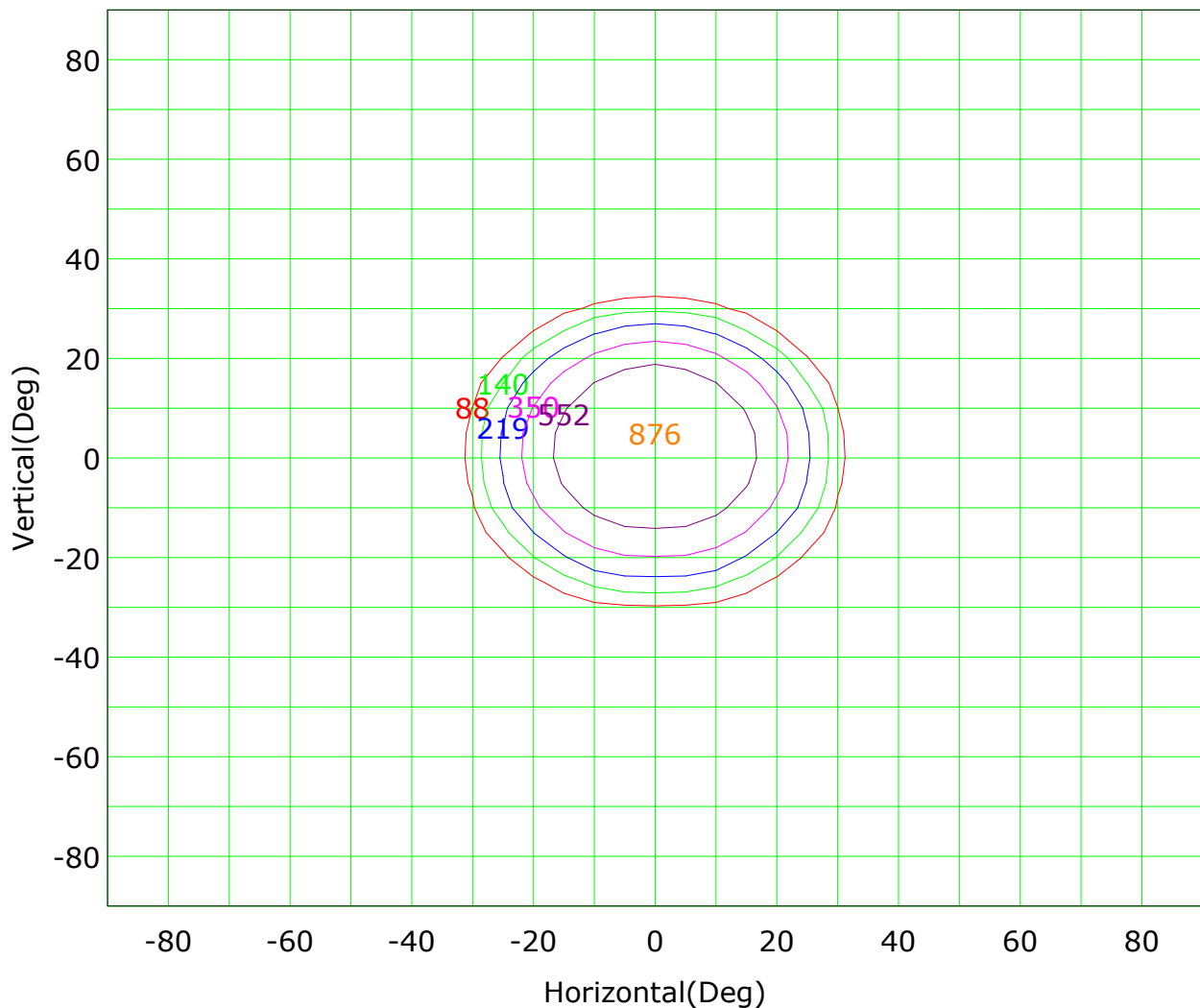
Luminous Intensity Distribution Curve



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%): 876 cd

(10%):	88 cd	(16%):	140 cd
(25%):	219 cd	(40%):	350 cd
(63%):	552 cd	(100%):	876 cd

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Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

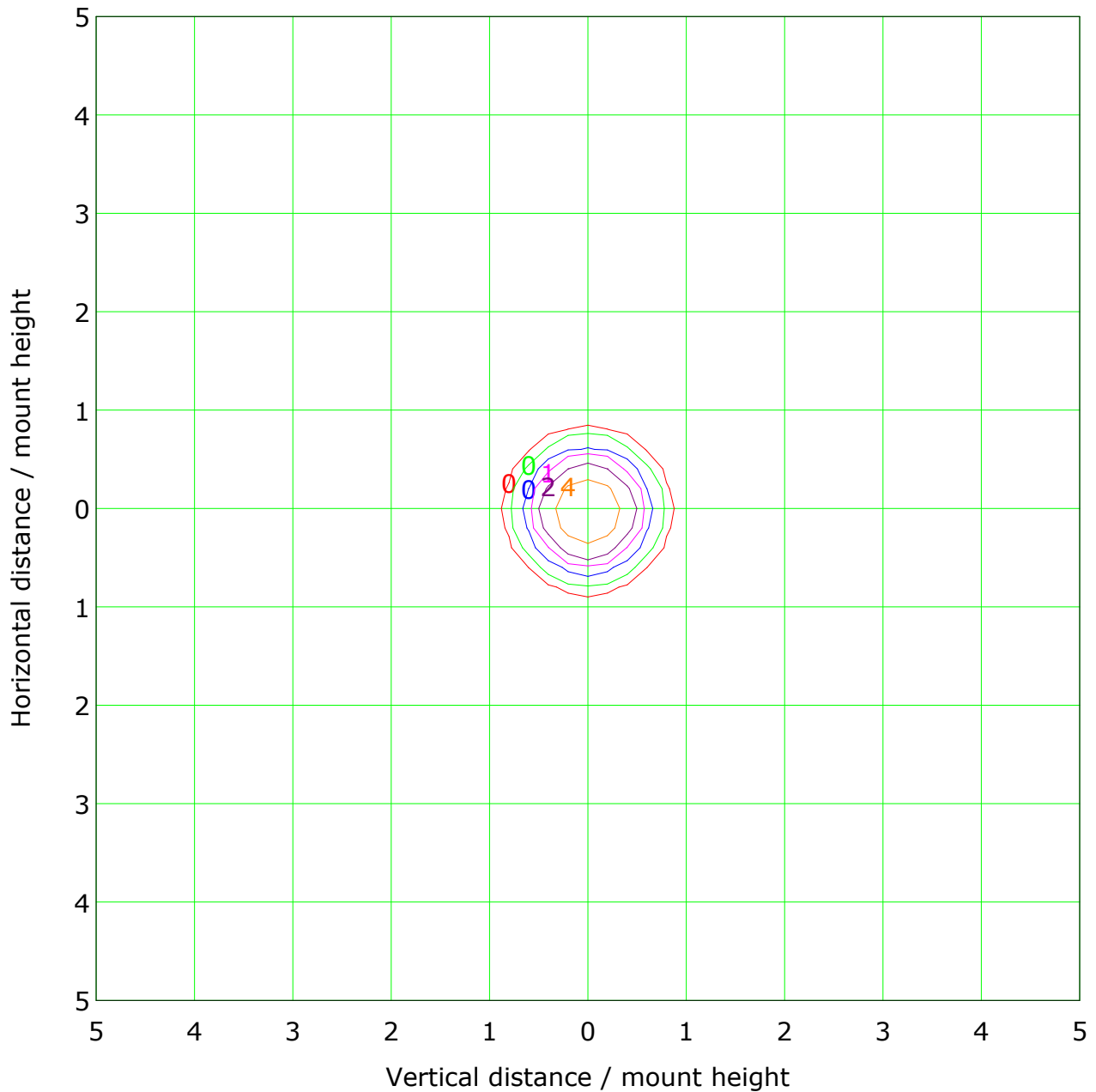
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10m		Max Lux(100%): 9 lx	
(1%):	0 lx	(2%):	0 lx
(5%):	0 lx	(10%):	1 lx
(20%):	2 lx	(50%):	4 lx
(100%):	9 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

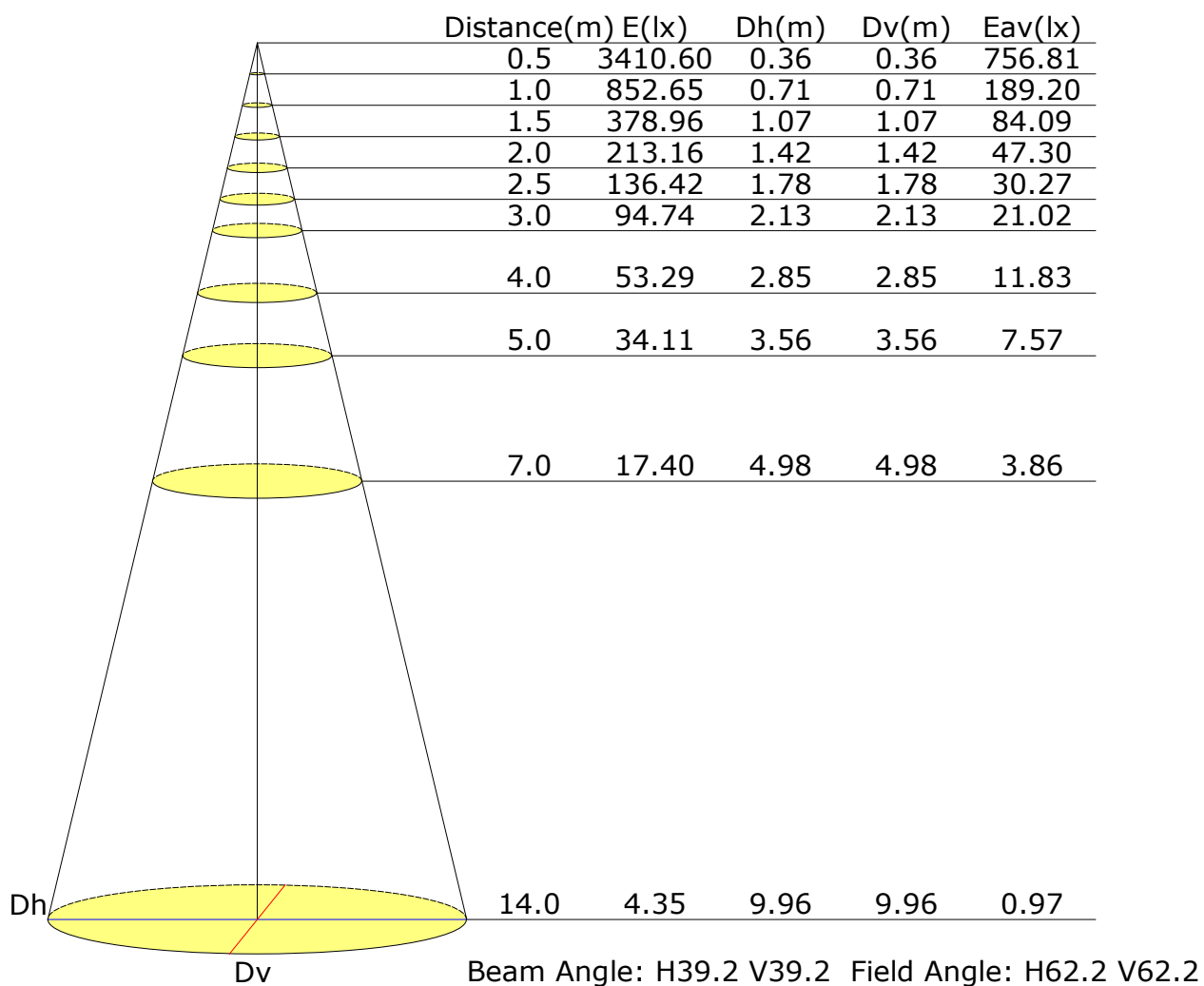
Test Device: CHL-6E

Distance: 3.000 m

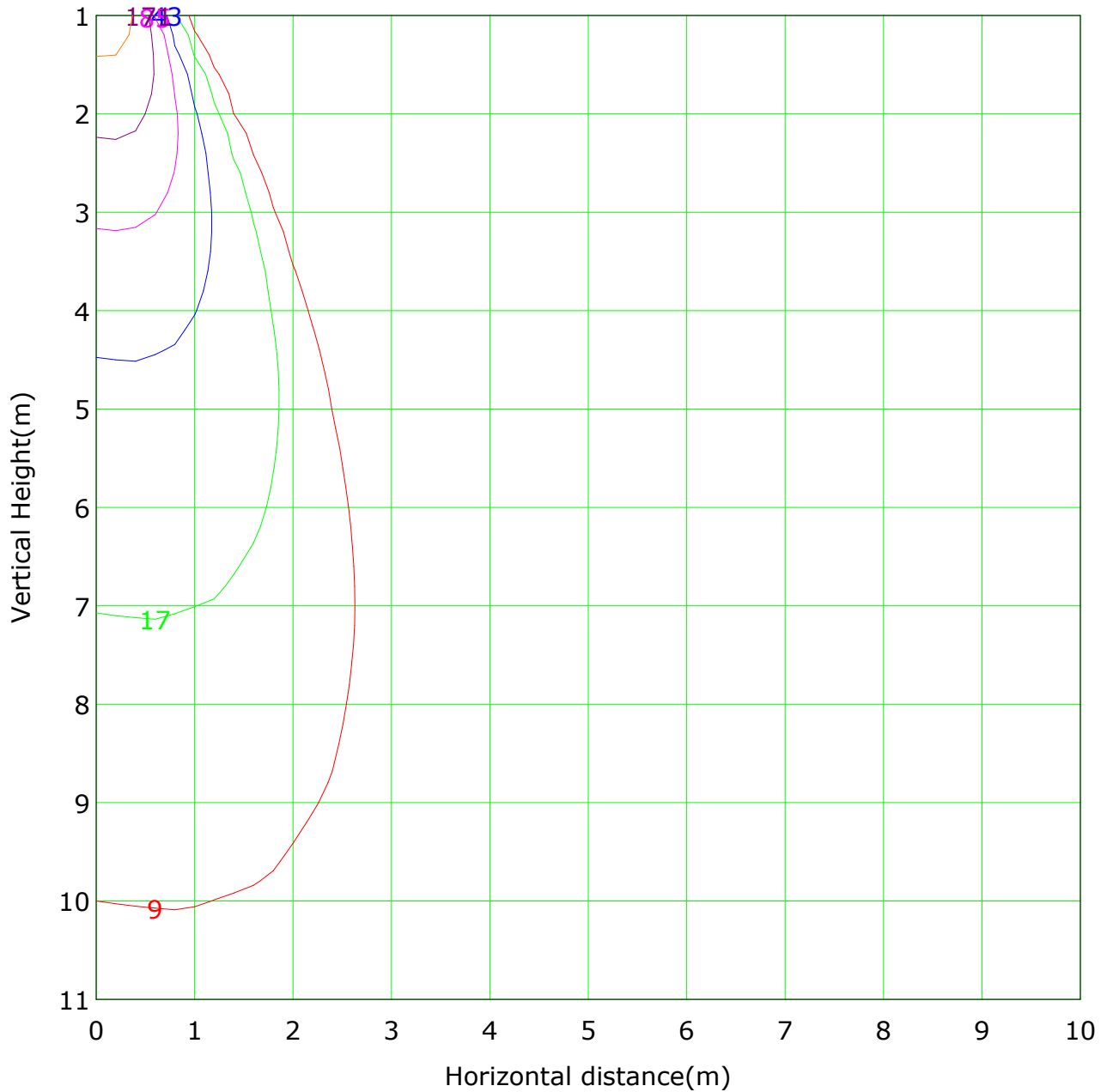
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot

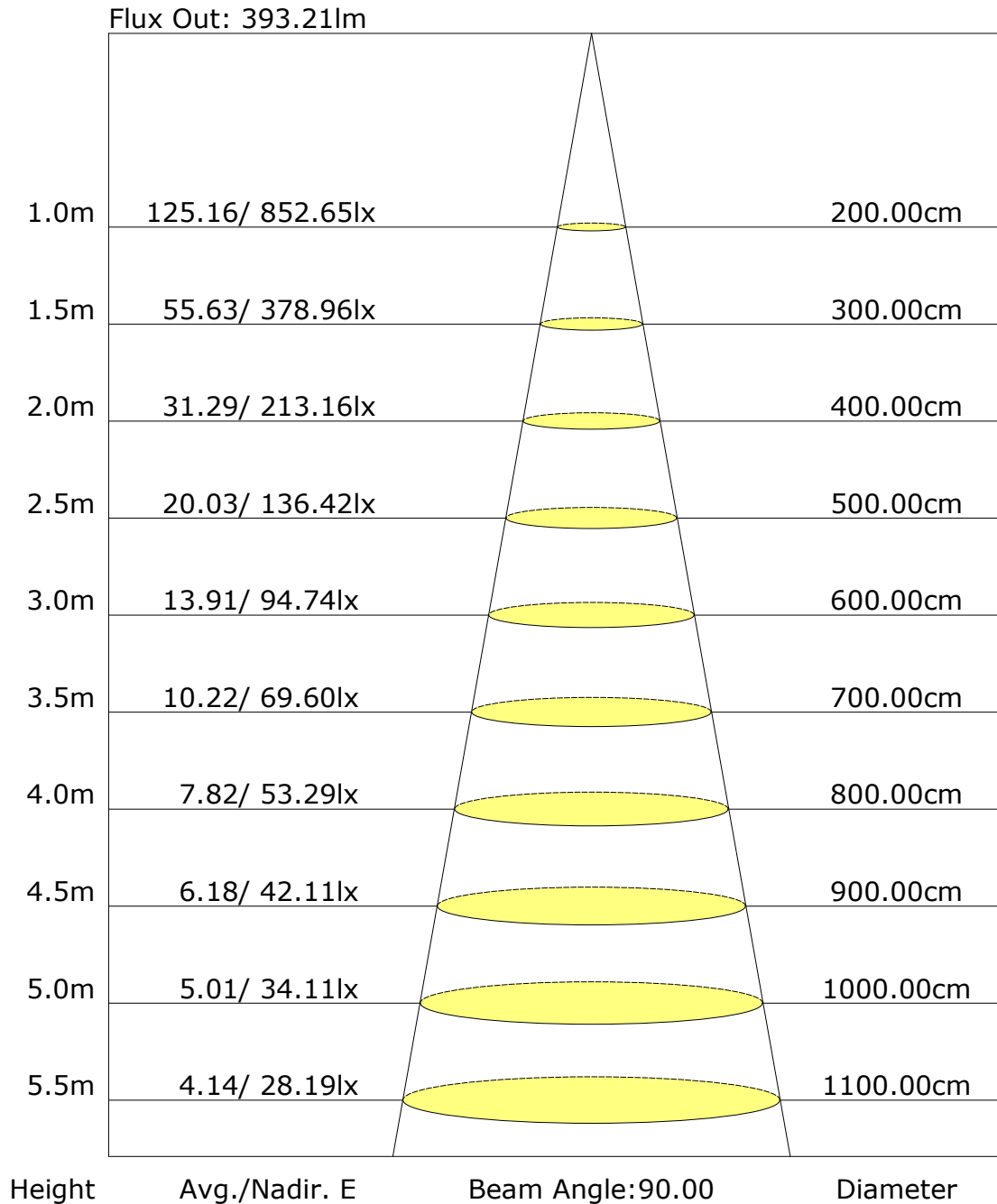


Lowest(m): 1m Highest(m): 11 Max Lux: 853	
(1%): 9 lx	(2%): 17 lx
(5%): 43 lx	(10%): 85 lx
(20%): 171 lx	(50%): 426 lx
(100%): 853 lx	

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



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Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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Test Device: CHL-6E
Distance: 3.000 m
Humidity:
Inspector:

Zonal Lumen

[illegible]

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:

Candlepower Table

Unit: cd

[illegible]

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: