

Report No.: 52.10019 ECO Down Light

Test Time: 2023-07-01 09:46

Luminaire Property

Luminaire Category: Bridgelux V13C 3000K CRI90

Luminaire Description: 60D

Current: 0.154 A

Power Factor: 0.976

Voltage: 206.6 V

Power: 31.10 W

Photometric Results

CIE Class: Direct

Measurement Flux: 2806.4 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H56.6

Vertical Diffuse Angle(50%): V56.6

Luminaire Efficacy Rating (LER): 90

Max. Intensity: 3325.74 cd

Total Rated Lamp Lumens: 2806.4 lm

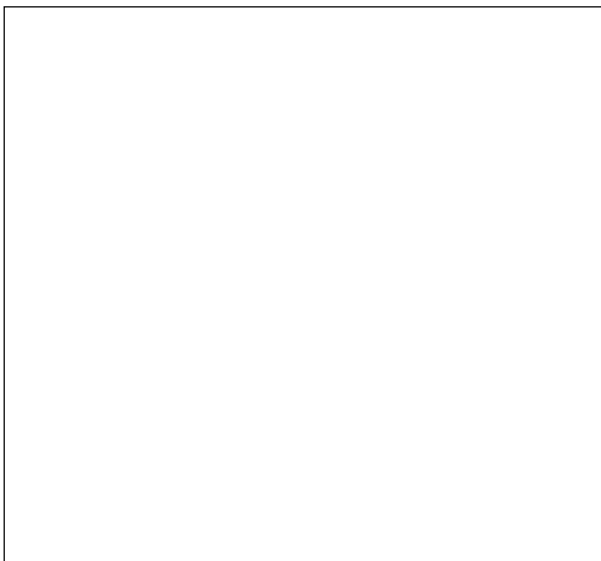
Efficiency: 100%

Upward Ratio: 0%

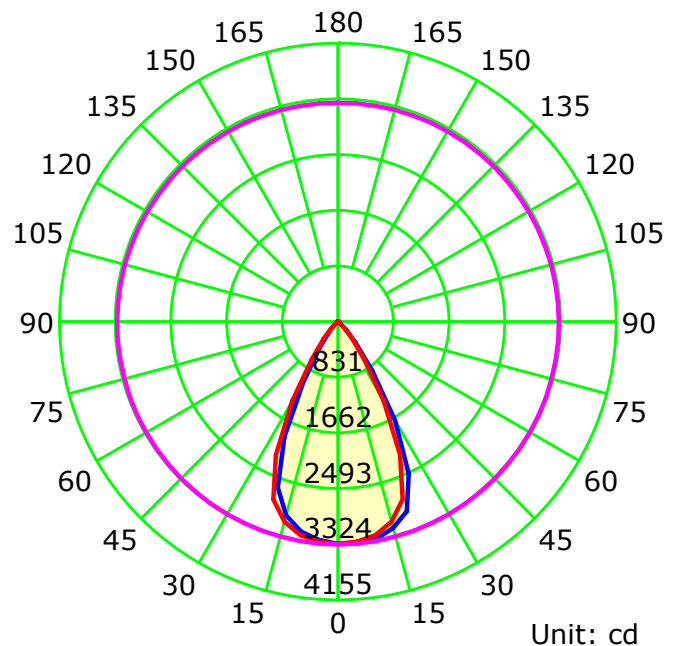
Central Intensity: 3318.65 cd

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

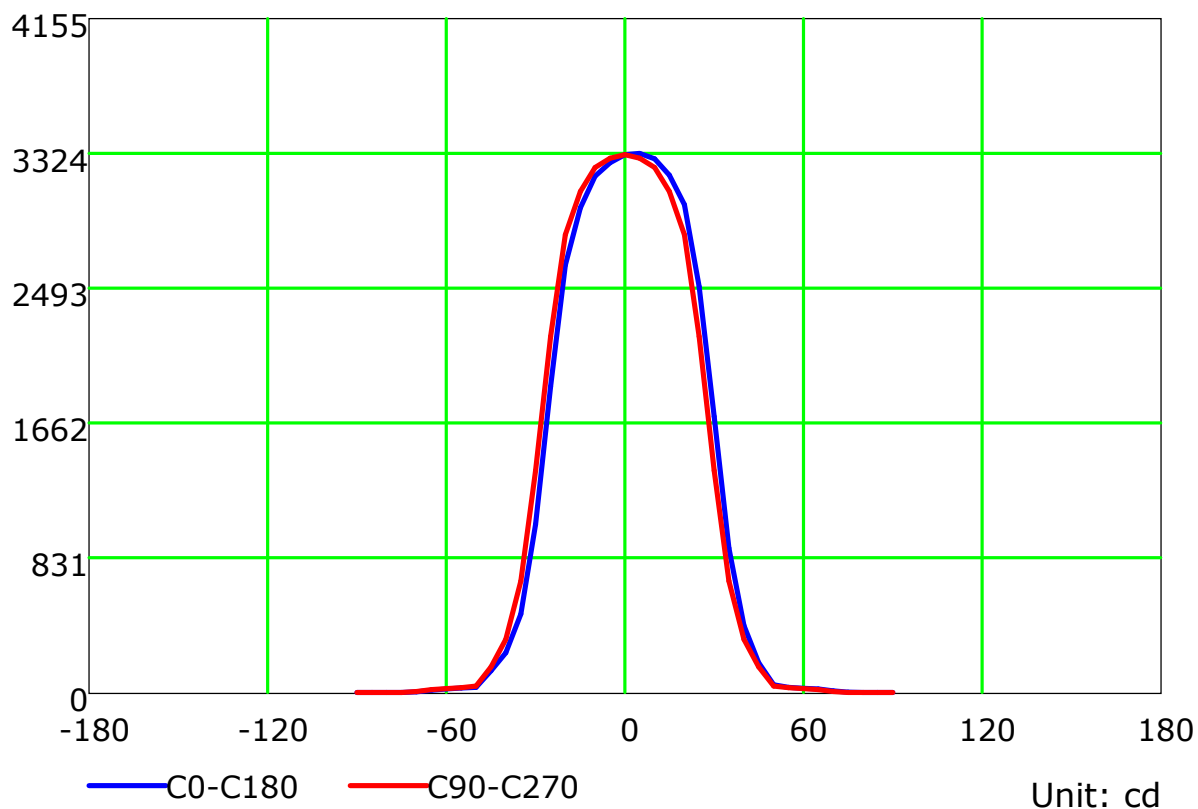
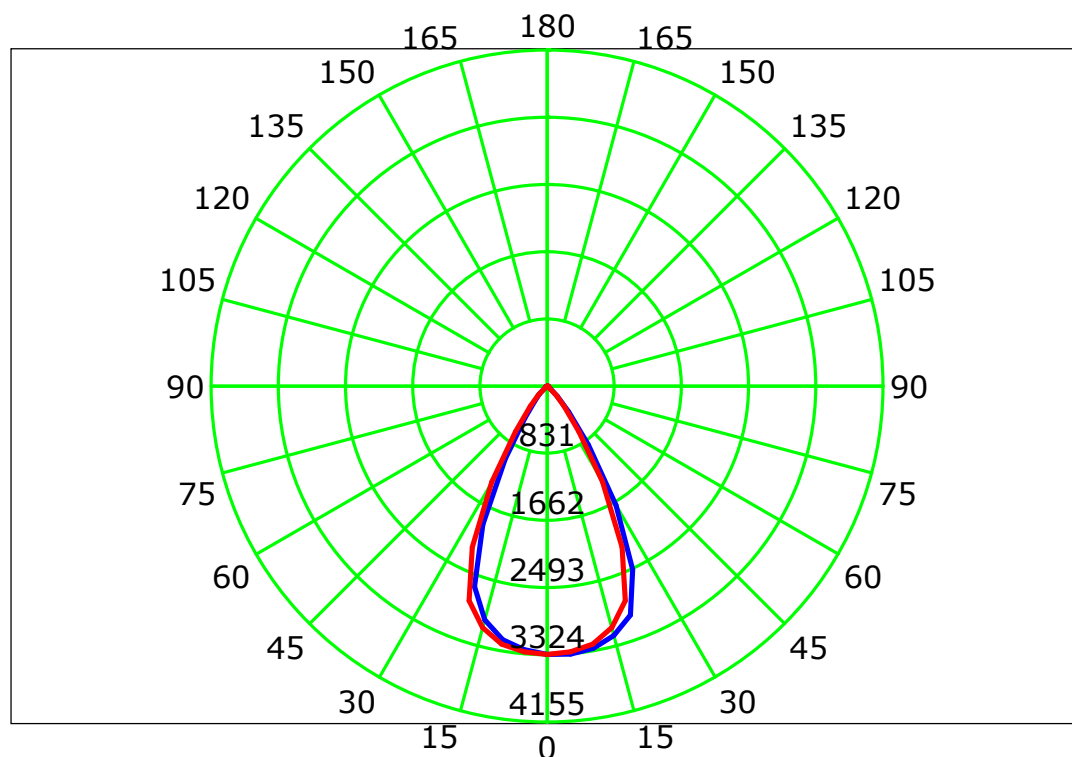
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

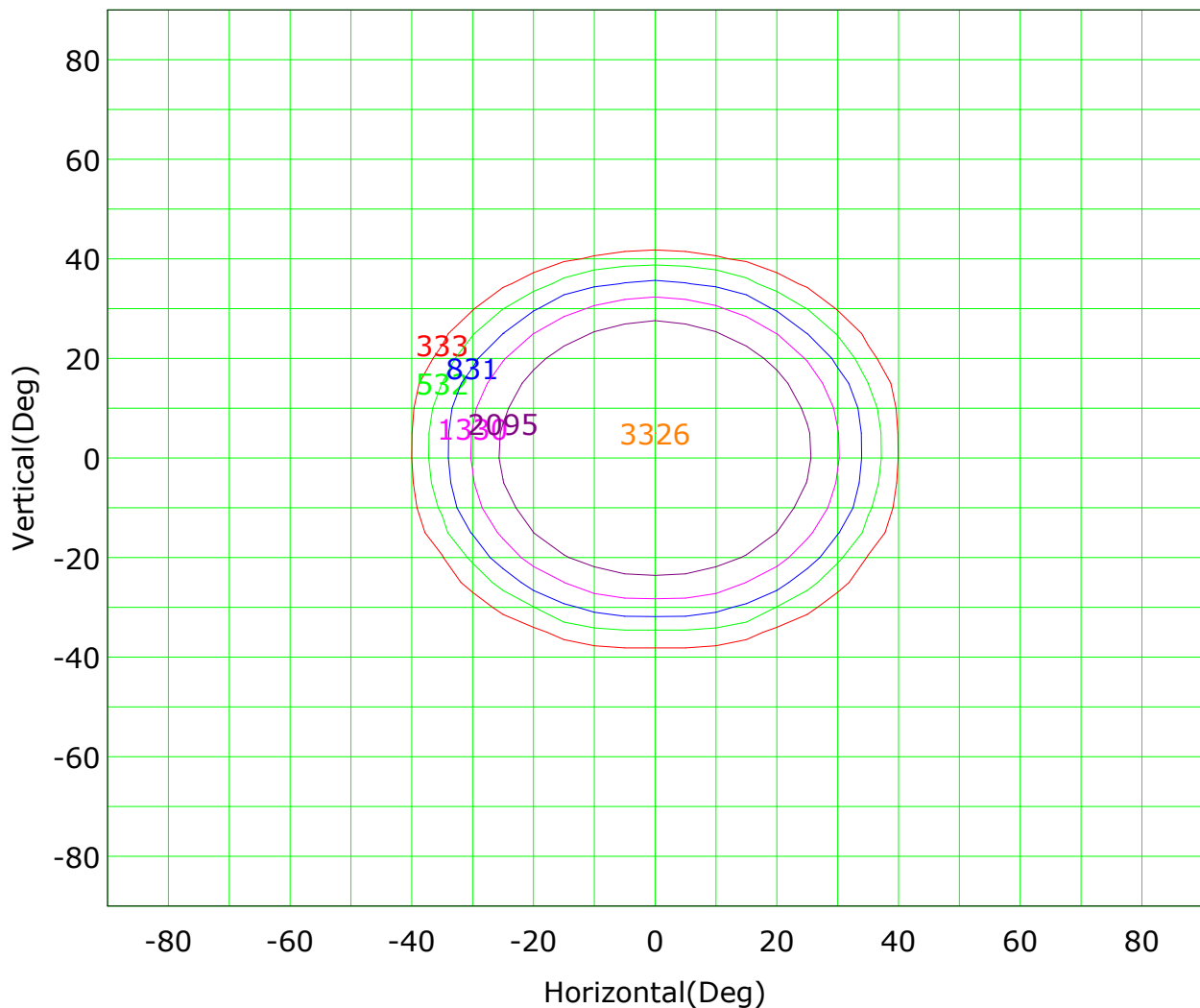
Luminous Intensity Distribution Curve



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Temperature:
Operator:

Gamma Plane (°):0.0-90.0:5.0
Test Device: CHL-6E
Distance: 3.000 m
Humidity:
Inspector:

Isocandela (rectangle)



Imax (100%): 3326 cd

(10%): 333 cd	(16%): 532 cd
(25%): 831 cd	(40%): 1330 cd
(63%): 2095 cd	(100%): 3326 cd

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Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:5.0

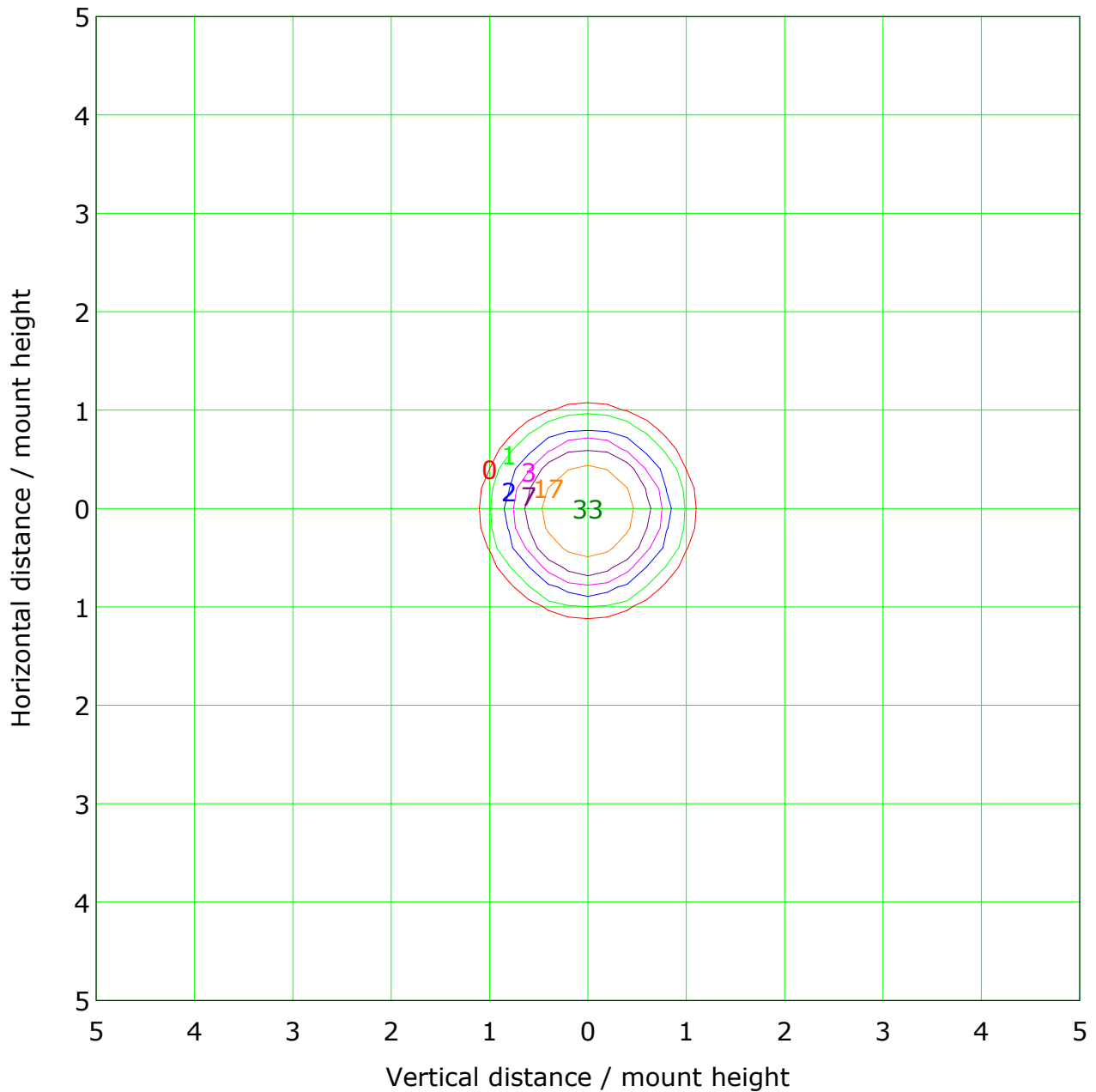
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10m		Max Lux(100%): 33 lx	
(1%):	0 lx	(2%):	1 lx
(5%):	2 lx	(10%):	3 lx
(20%):	7 lx	(50%):	17 lx
(100%):	33 lx		

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Test Lab:

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Temperature:

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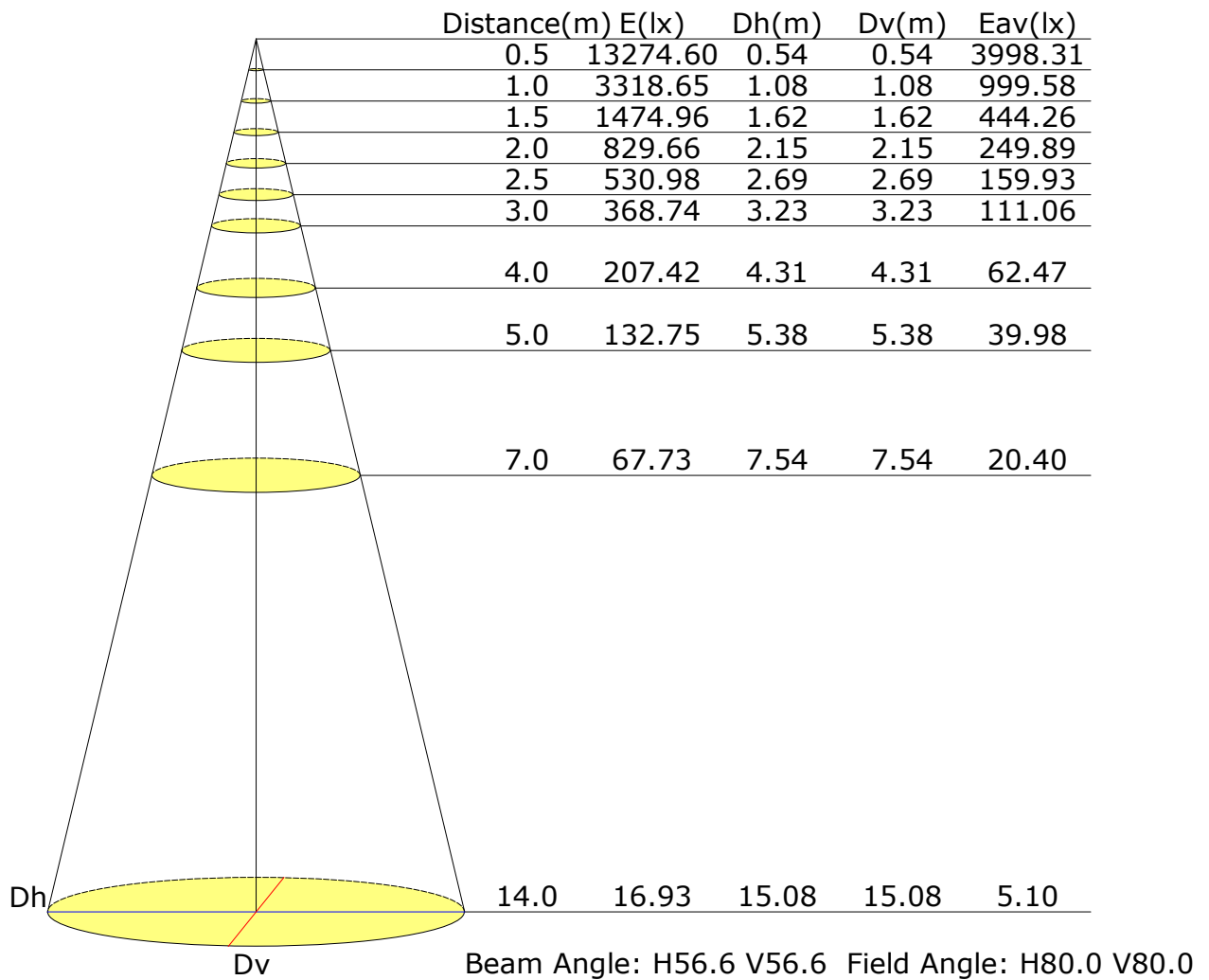
Test Device: CHL-6E

Distance: 3.000 m

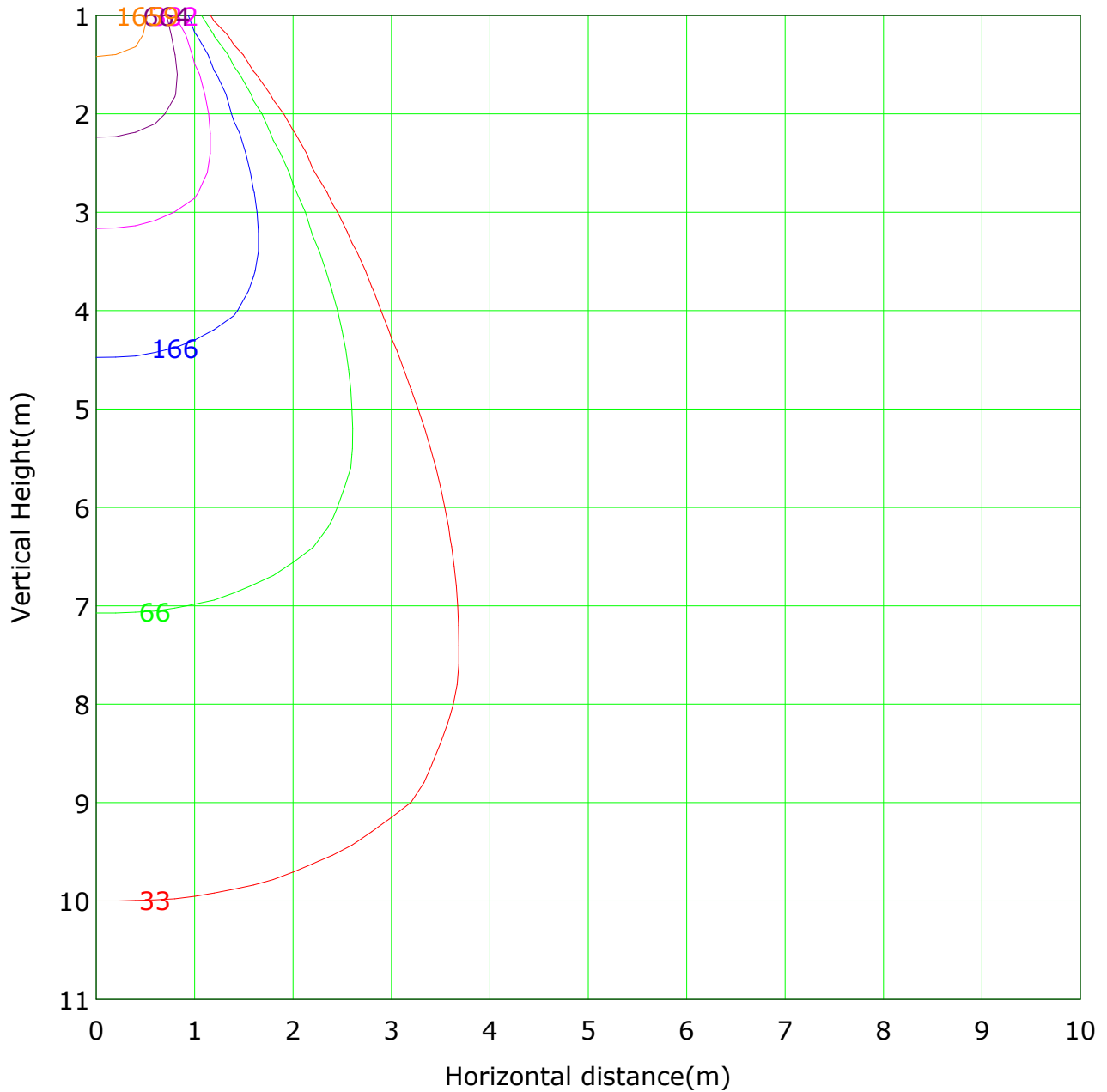
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1m Highest(m): 11 Max Lux: 3319

(1%): 33 lx	(2%): 66 lx
(5%): 166 lx	(10%): 332 lx
(20%): 664 lx	(50%): 1659 lx
(100%): 3319 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

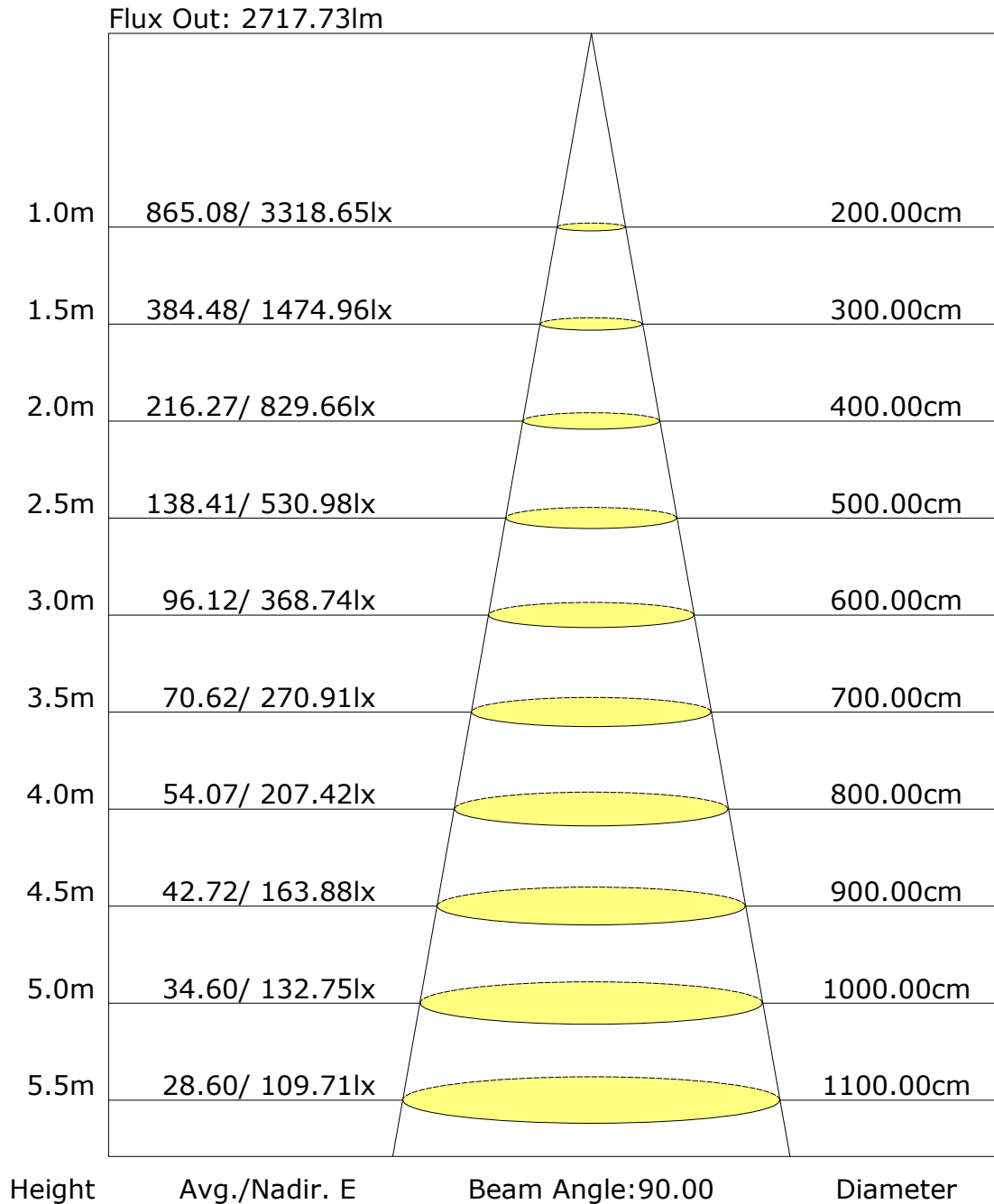
Test Device: CHL-6E

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:

Zonal Lumen

[illegible]

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: