

Report No.:61.02301-Accent Lighting

Test Time: 2021-08-15 08:38

## Luminaire Property

Luminaire Category:

Lamp Catalog: Osram 3030 3000K CRI90

Number of Lamps: 1

Current: 0.048 A

Power Factor: 0.951

Lamp Description: XTD 20

Voltage: 217.4 V

Power: 9.90 W

## Photometric Results

CIE Class: Direct

Measurement Flux: 681.8 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(25%,50%,75%,100%): H47.9,H33.1,H22,H1

Vertical Diffuse Angle(25%,50%,75%,100%): V47.9,V33.1,V22,V1

Luminaire Efficacy Rating (LER): 69

Max. Intensity: 1755.55 cd

Total Rated Lamp Lumens: 681.8 lm

Efficiency: 100%

Upward Ratio: 0%

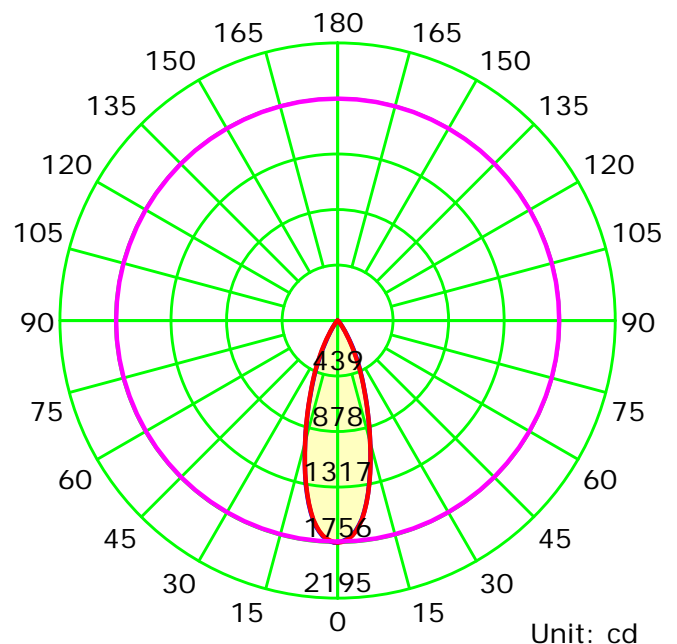
Central Intensity: 1754.28 cd

Pos of Max. Intensity: H180 V1

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 33.1°

— C0-C180 — C90-C270 — G1

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0: 1.0

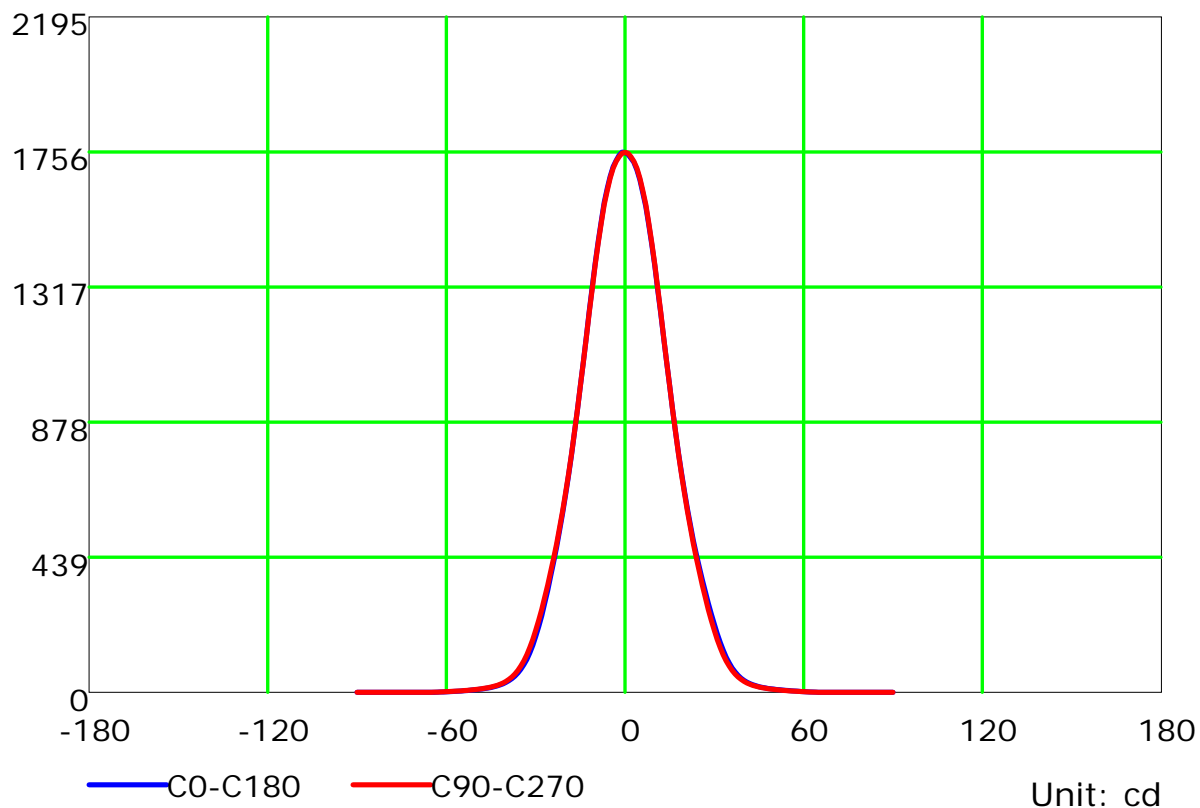
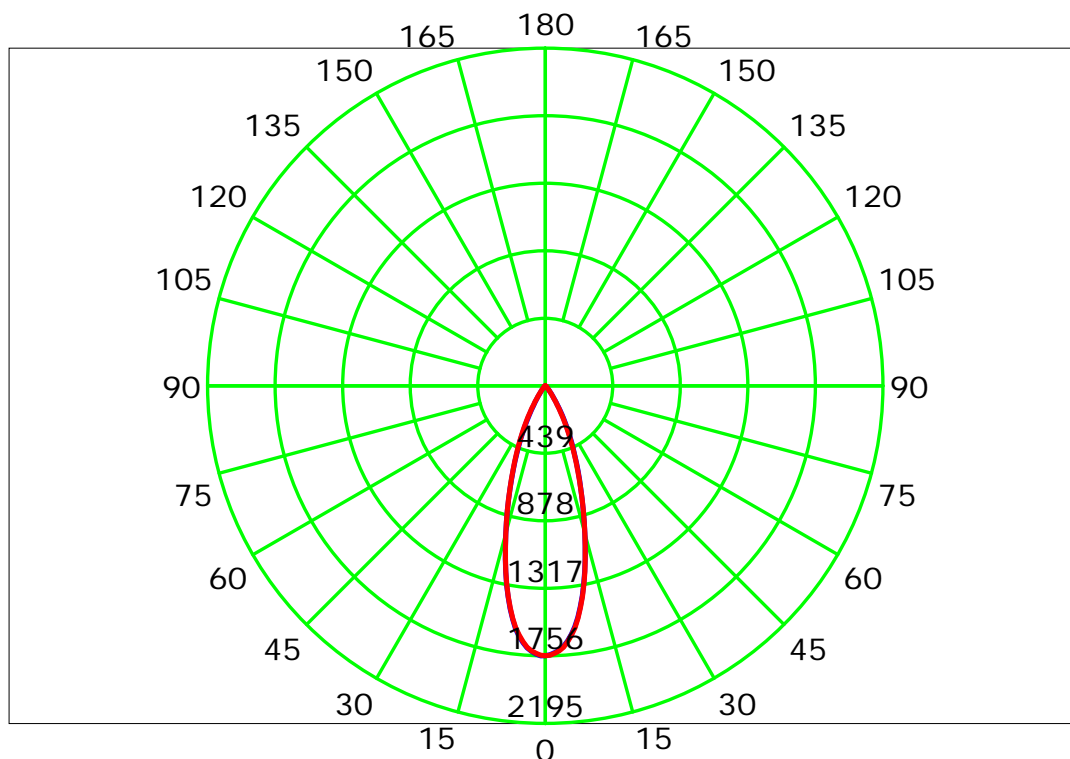
Test Device: CHL-6E

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: 1.0

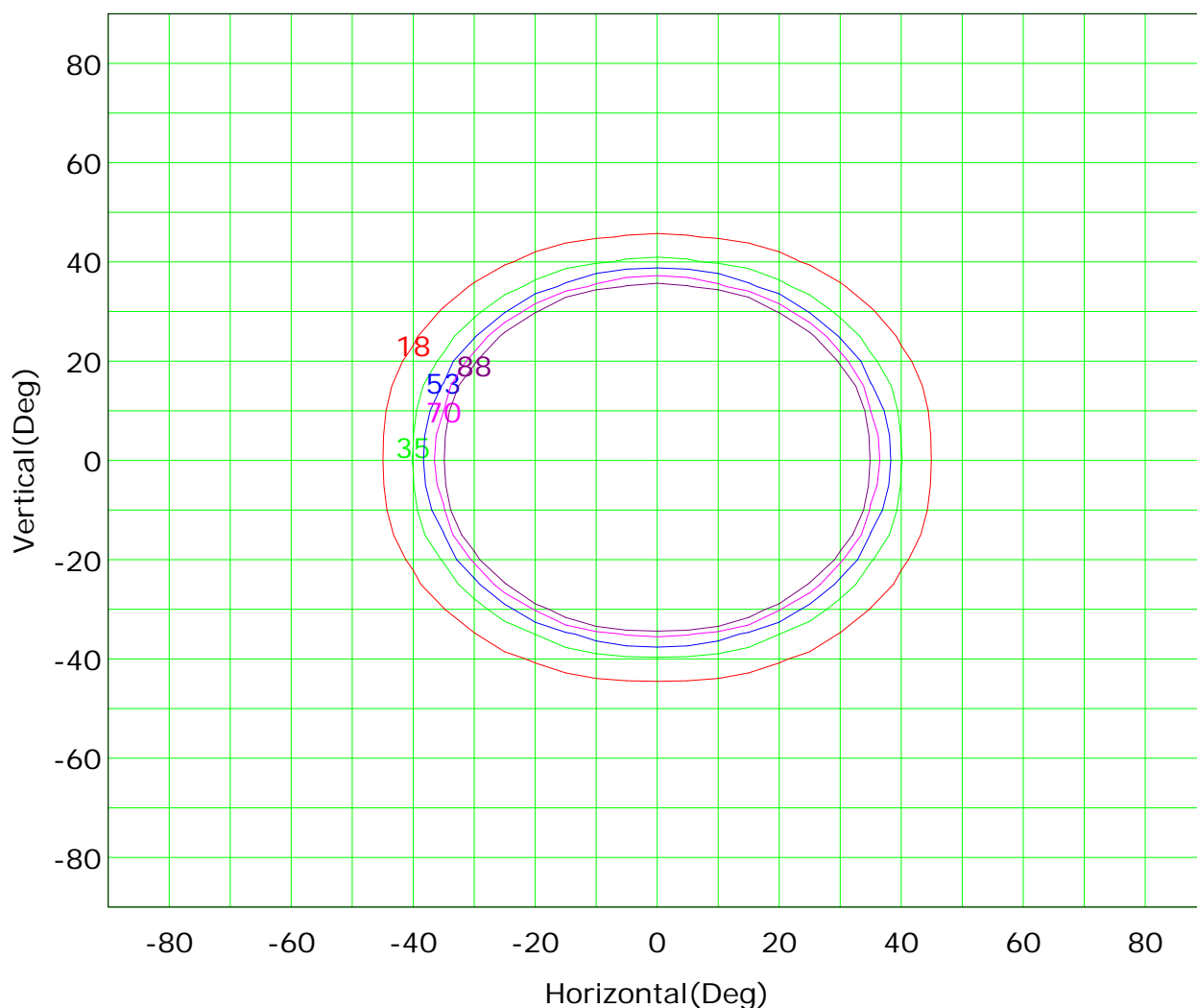
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## Isocandela (rectangle)



Imax (100%): 1756 cd

( 1%):	18 cd	( 2%):	35 cd
( 3%):	53 cd	( 4%):	70 cd
( 5%):	88 cd		

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0: 1.0

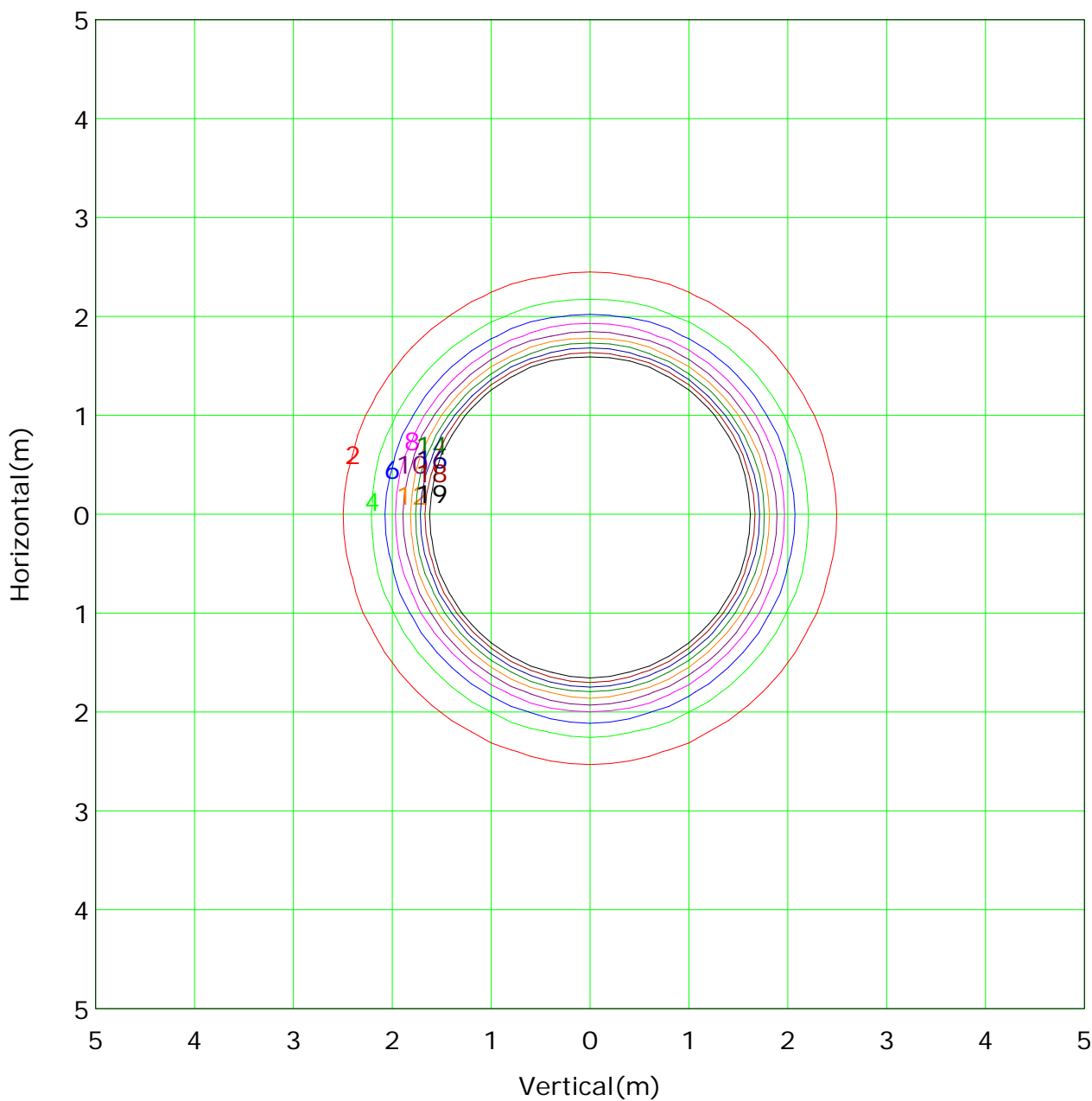
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot



Mounting Height: 3m		Max Lux(100%): 195 lx	
— ( 1%):	2 lx	— ( 2%):	4 lx
— ( 3%):	6 lx	— ( 4%):	8 lx
— ( 5%):	10 lx	— ( 6%):	12 lx
— ( 7%):	14 lx	— ( 8%):	16 lx
— ( 9%):	18 lx	— (10%):	19 lx

C Plane (°): 0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°): 0.0-90.0: 1.0

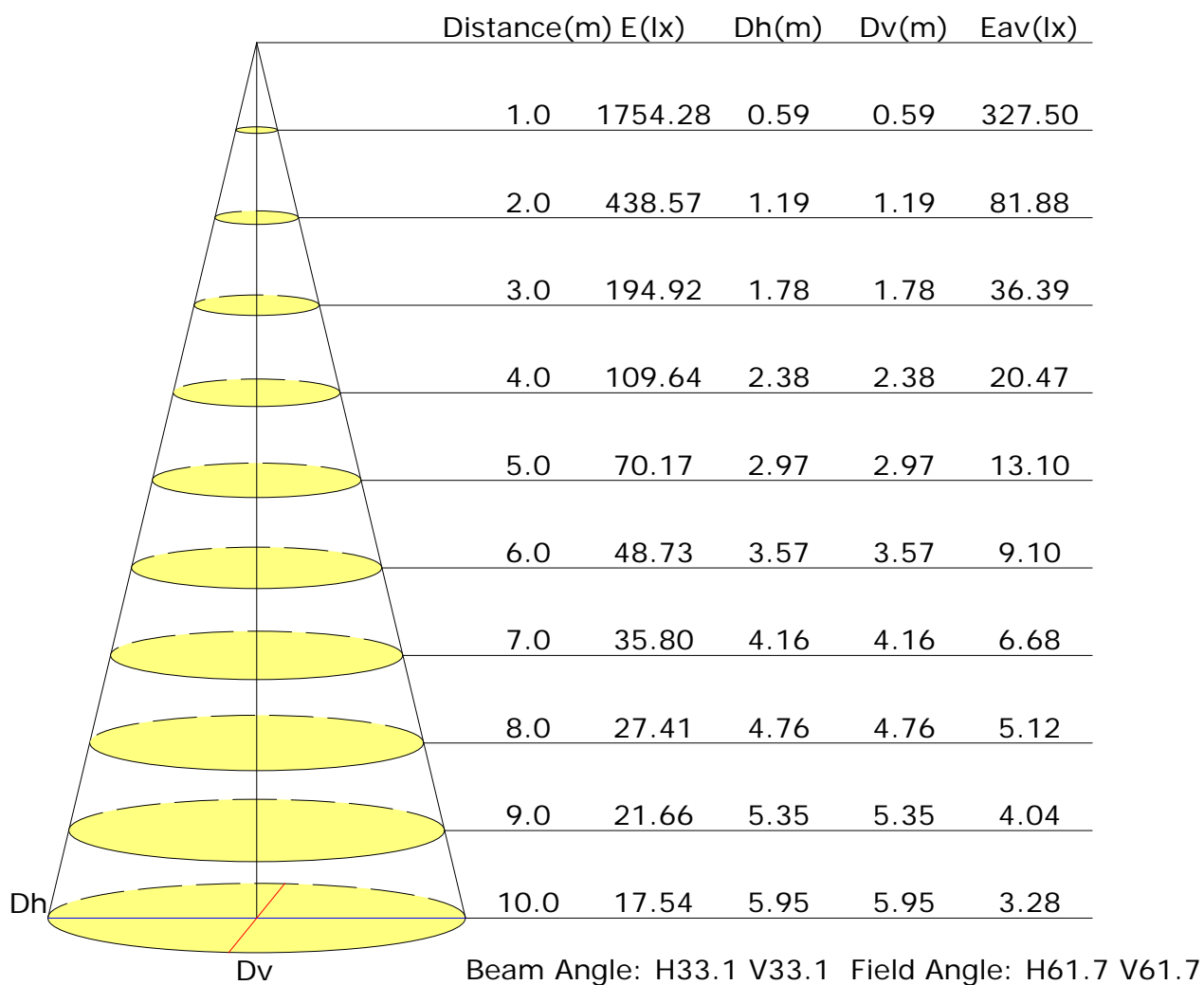
Test Device: CHL-6E

Distance: 3.000 m

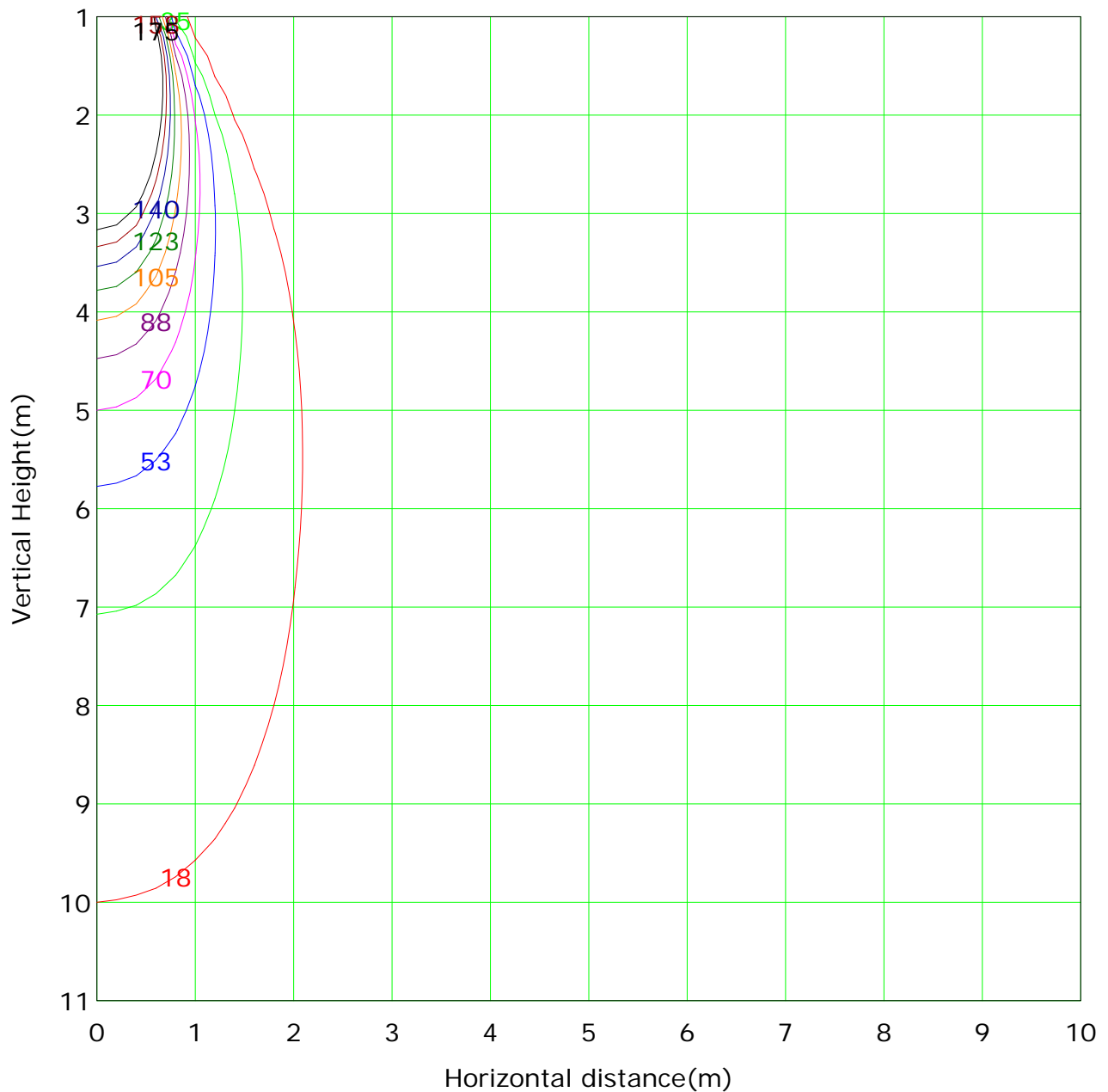
Humidity:

Inspector:

## Illuminance at a Distance



## Vertical IsoLux Plot



Lowest(m): 1m    Highest(m): 11    Max Lux: 1754	
( 1%):    18 lx	( 2%):    35 lx
( 3%):    53 lx	( 4%):    70 lx
( 5%):    88 lx	( 6%):    105 lx
( 7%):    123 lx	( 8%):    140 lx
( 9%):    158 lx	(10%):    175 lx

C Plane (°): 0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°): 0.0-90.0: 1.0

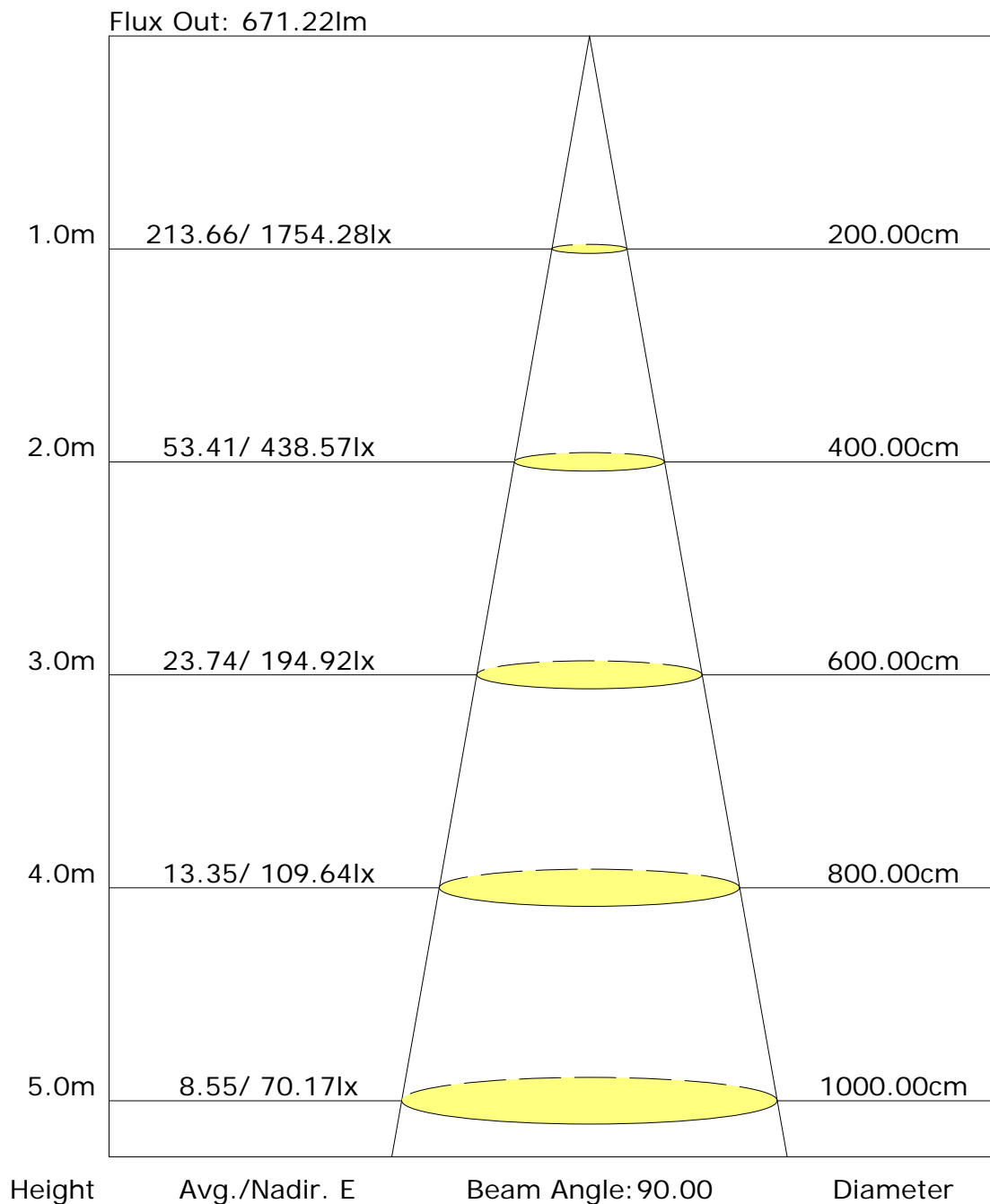
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## The average illuminance effective figure



## Candlepower Table

Unit: cd

G\C	C0.0	C180.0								
G0.0	1754.3	1754.3								
G1.0	1748.3	1755.5								
G2.0	1735.4	1745.1								
G3.0	1722.4	1728.4								
G4.0	1698.3	1707.8								
G5.0	1665.5	1675.8								
G6.0	1623.6	1637.3								
G7.0	1578.4	1591.4								
G8.0	1520.8	1531.7								
G9.0	1456.1	1466.6								
G10.0	1386.7	1394.7								
G11.0	1309.1	1319.8								
G12.0	1232.4	1240.5								
G13.0	1153.8	1157.9								
G14.0	1073.6	1074.8								
G15.0	995.8	995.5								
G16.0	919.5	918.5								
G17.0	845.4	843.7								
G18.0	777.6	772.2								
G19.0	712.5	703.9								
G20.0	651.2	639.9								
G21.0	595.6	581.7								
G22.0	542.6	525.7								
G23.0	492.5	473.2								
G24.0	447.3	423.8								
G25.0	404.6	376.9								
G26.0	365.5	331.2								
G27.0	326.9	289.5								
G28.0	289.9	249.4								
G29.0	254.6	213.8								
G30.0	221.5	181.5								
G31.0	190.8	153.3								
G32.0	162.1	128.2								
G33.0	137.3	107.5								
G34.0	114.3	90.0								
G35.0	95.7	75.1								
G36.0	79.5	63.1								

C Plane (°): 0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°): 0.0-90.0: 1.0

Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:



## Candlepower Table (Continue 1)

Unit: cd

GVC	C0.0	C180.0								
G37.0	66.2	52.9								
G38.0	55.3	44.8								
G39.0	46.3	38.1								
G40.0	39.0	32.4								
G41.0	33.1	27.9								
G42.0	28.4	24.2								
G43.0	24.6	20.9								
G44.0	21.4	18.4								
G45.0	18.7	16.0								
G46.0	16.5	14.4								
G47.0	14.6	12.6								
G48.0	13.0	11.2								
G49.0	11.6	10.1								
G50.0	10.4	8.8								
G51.0	9.3	7.8								
G52.0	8.5	6.9								
G53.0	7.4	6.0								
G54.0	6.6	5.3								
G55.0	5.8	4.5								
G56.0	5.0	3.8								
G57.0	4.2	3.2								
G58.0	3.7	2.8								
G59.0	3.1	2.2								
G60.0	2.3	2.0								
G61.0	1.9	1.4								
G62.0	1.4	1.1								
G63.0	1.1	0.7								
G64.0	0.7	0.4								
G65.0	0.3	0.3								
G66.0	0.1	0.0								
G67.0	0.0	0.0								
G68.0	0.0	0.0								
G69.0	0.0	0.0								
G70.0	0.0	0.0								
G71.0	0.0	0.0								
G72.0	0.0	0.0								
G73.0	0.0	0.0								

C Plane (°): 0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°): 0.0-90.0: 1.0

Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:



C Plane (°):0.0-180.0: 180.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-90.0:1.0  
Test Device: CHL-6E  
Distance: 3.000 m  
Humidity:  
Inspector: