

Report No.:61.02303-Accent Lighting

Test Time: 2021-08-15 08:49

## Luminaire Property

Luminaire Category:

Lamp Catalog: Osram 3030 3000K CRI90

Number of Lamps: 1

Current: 0.047 A

Power Factor: 0.951

Lamp Description: XTD 20

Voltage: 222.9 V

Power: 9.90 W

## Photometric Results

CIE Class: Direct

Measurement Flux: 584.1 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(25%,50%,75%,100%): H61.6,H49.1,H34.2,H2

Vertical Diffuse Angle(25%,50%,75%,100%): V61.6,V49.1,V34.2,V2

Luminaire Efficacy Rating (LER): 59

Max. Intensity: 909.62 cd

Total Rated Lamp Lumens: 584.1 lm

Efficiency: 100%

Upward Ratio: 0%

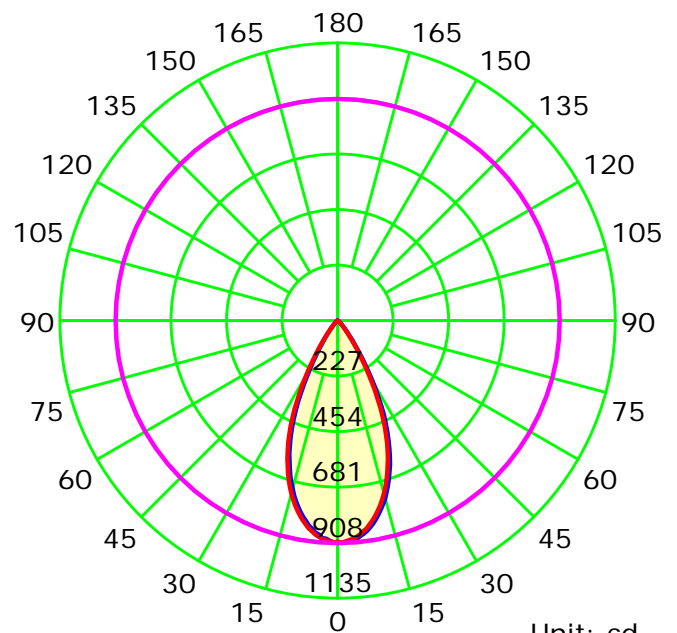
Central Intensity: 905.21 cd

Pos of Max. Intensity: H0 V1

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 49.1°

— 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

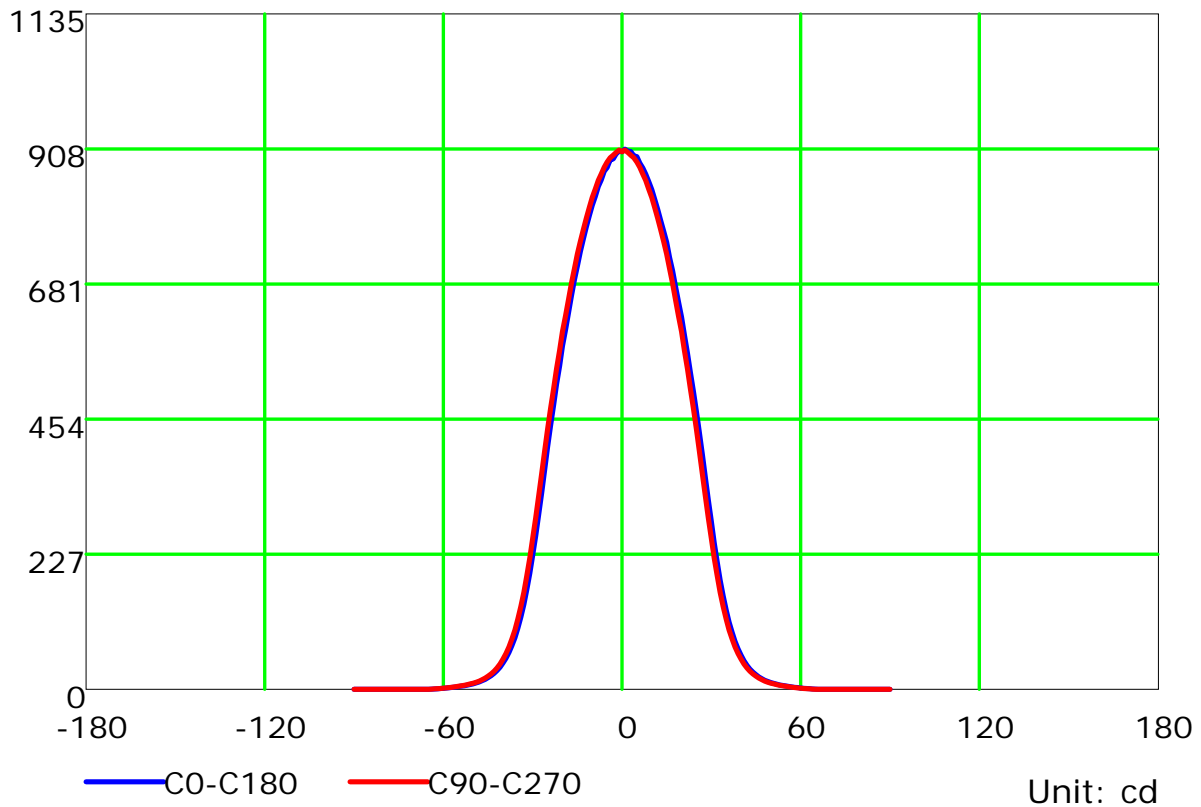
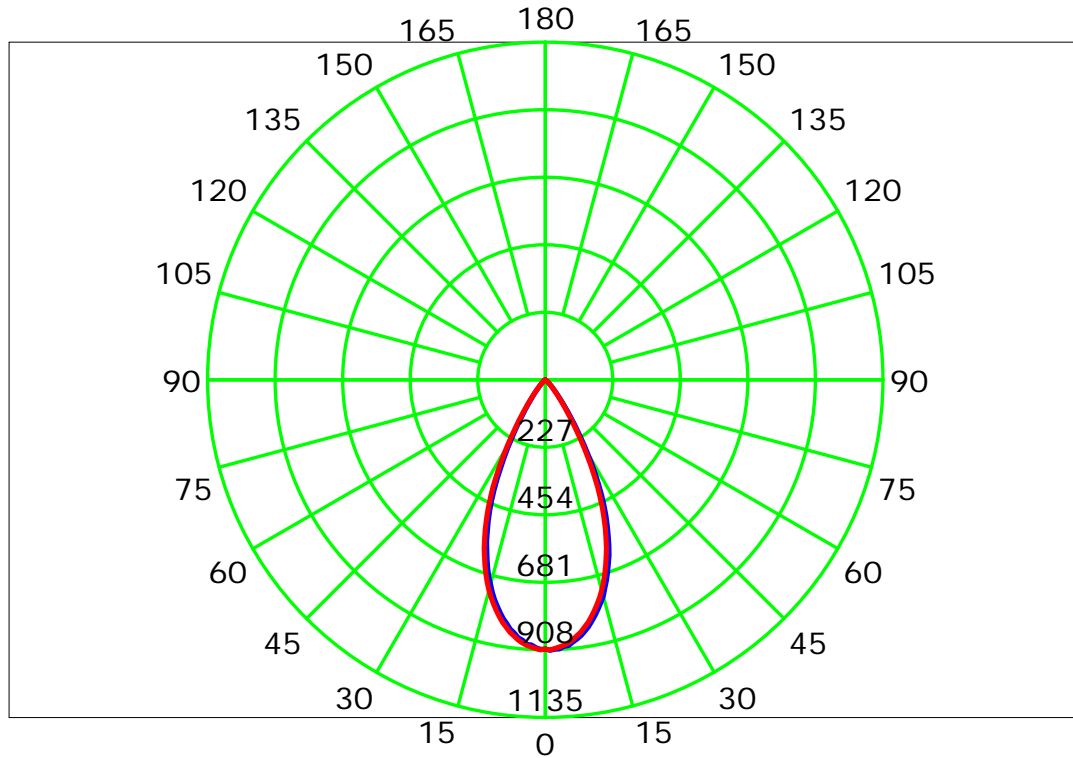
Test Device: CHL-6E

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

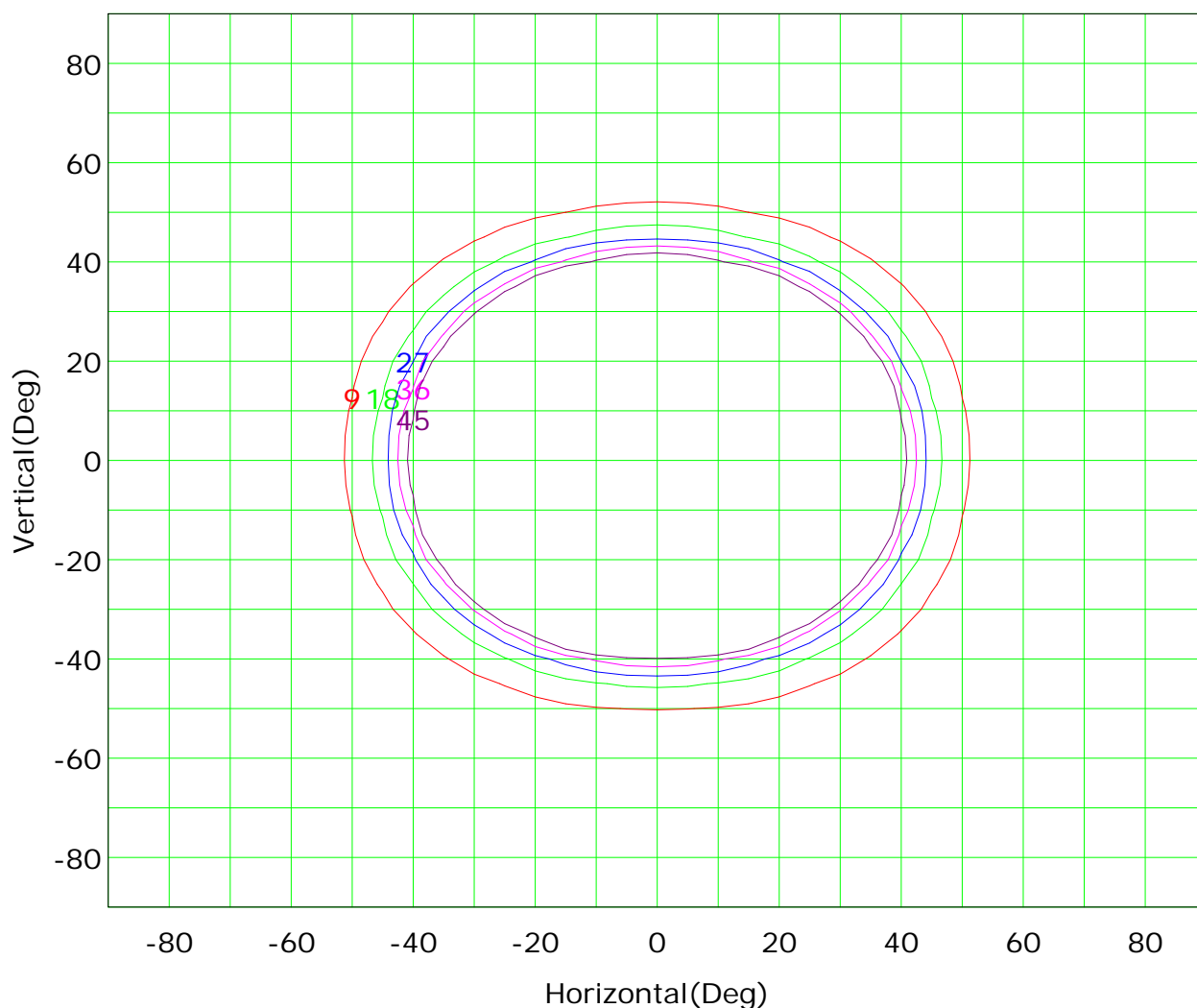
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## Isocandela (rectangle)



I<sub>max</sub> (100%): 910 cd

( 1%):	9 cd	( 2%):	18 cd
( 3%):	27 cd	( 4%):	36 cd
( 5%):	45 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

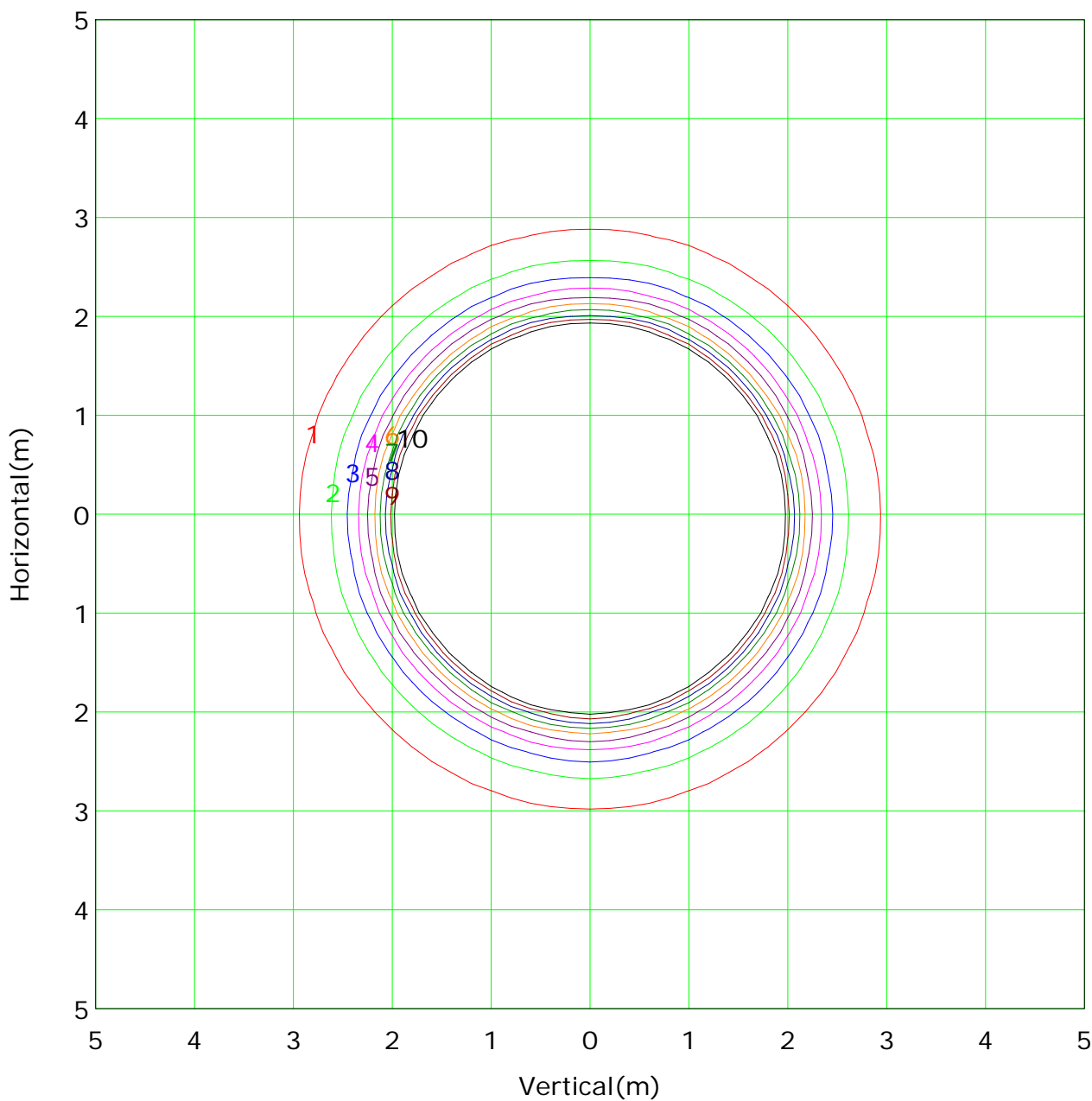
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## IsoLux Plot



Mounting Height: 3m    Max Lux(100%): 101 lx			
— ( 1%):	1 lx	— ( 2%):	2 lx
— ( 3%):	3 lx	— ( 4%):	4 lx
— ( 5%):	5 lx	— ( 6%):	6 lx
— ( 7%):	7 lx	— ( 8%):	8 lx
— ( 9%):	9 lx	— (10%):	10 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

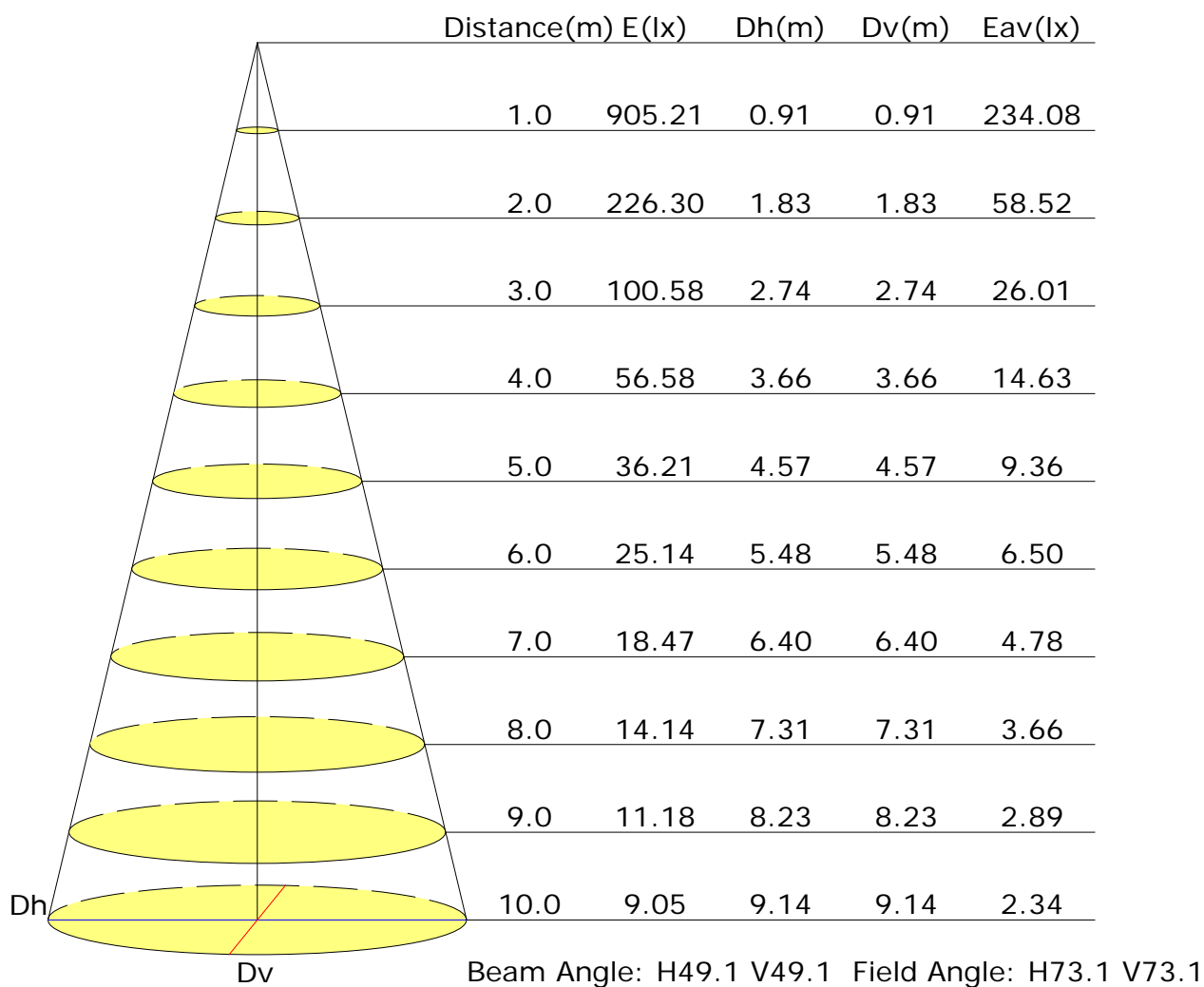
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## Illuminance at a Distance



C Plane (°): 0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°): 0.0-90.0: 1.0

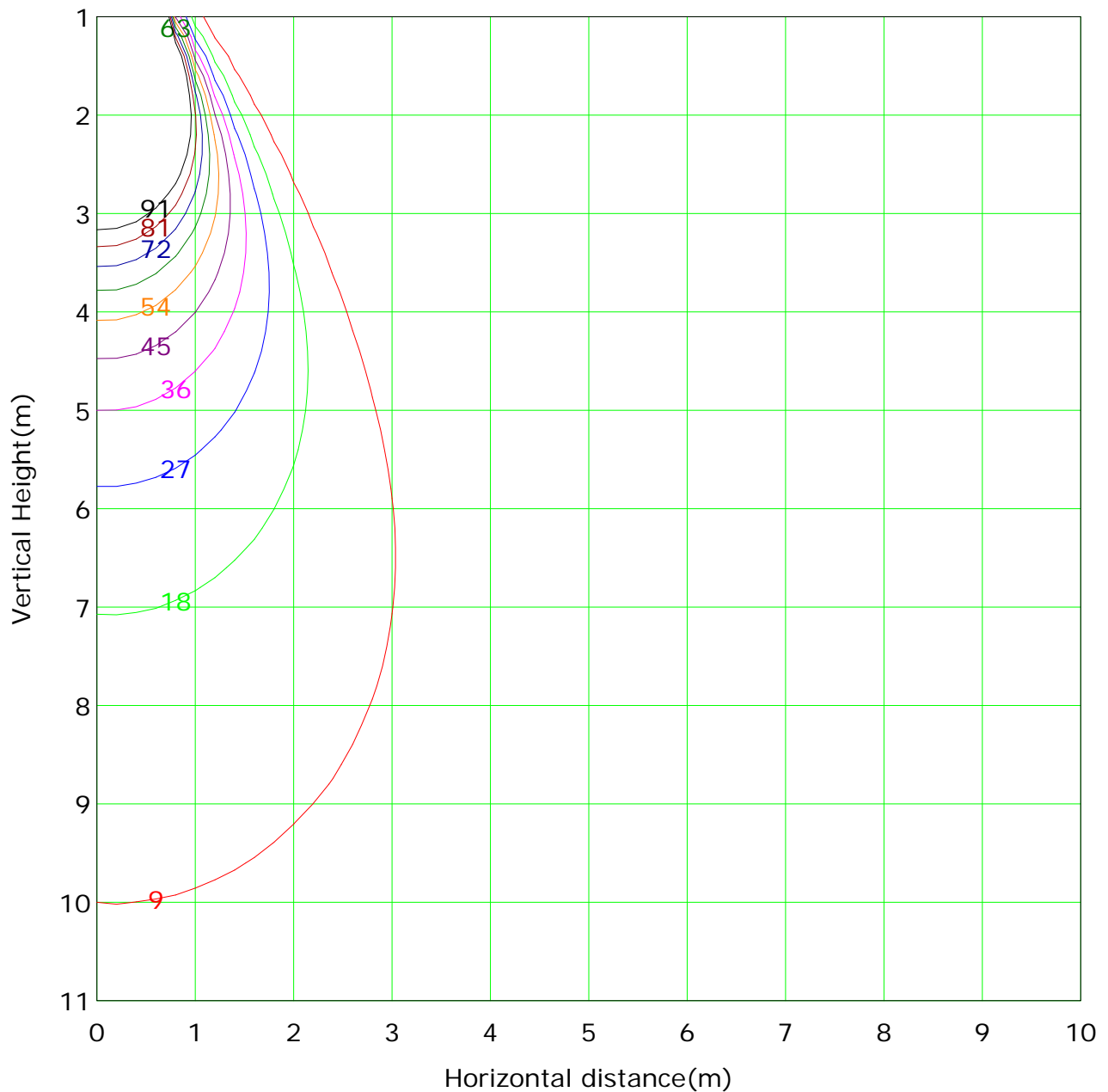
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## Vertical IsoLux Plot



Lowest(m): 1m    Highest(m): 11    Max Lux: 905	
( 1%): 9 lx	( 2%): 18 lx
( 3%): 27 lx	( 4%): 36 lx
( 5%): 45 lx	( 6%): 54 lx
( 7%): 63 lx	( 8%): 72 lx
( 9%): 81 lx	(10%): 91 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

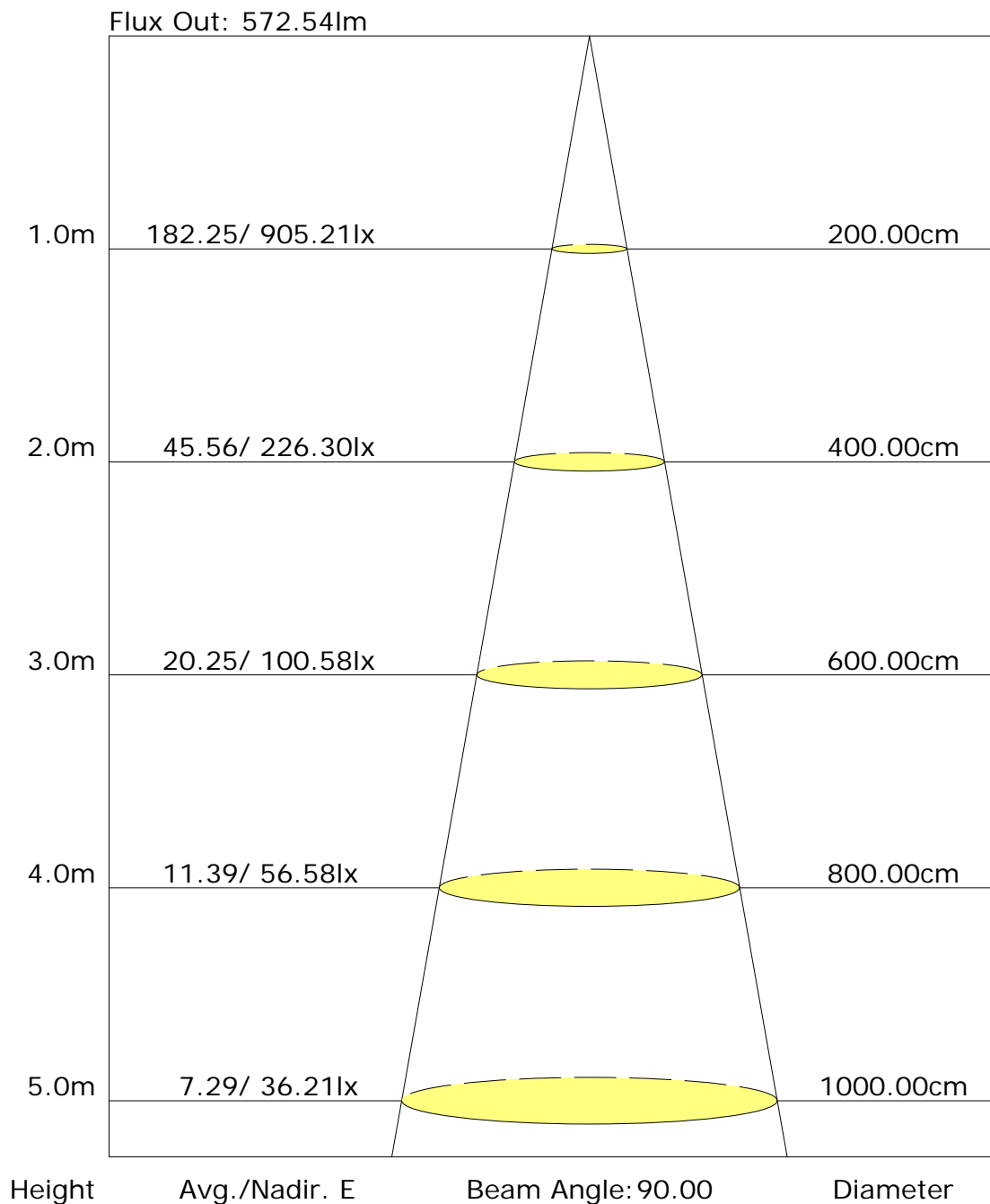
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

## The average illuminance effective figure



## Candlepower Table

Unit: cd

GVC	C0.0	C180.0								
G0.0	905.2	905.2								
G1.0	909.6	906.3								
G2.0	906.1	901.5								
G3.0	905.6	893.1								
G4.0	898.3	891.5								
G5.0	896.8	878.6								
G6.0	886.0	872.2								
G7.0	877.6	857.5								
G8.0	867.5	846.6								
G9.0	854.8	829.6								
G10.0	841.2	815.0								
G11.0	825.2	797.7								
G12.0	807.9	778.4								
G13.0	789.9	759.0								
G14.0	771.6	737.2								
G15.0	752.8	712.5								
G16.0	727.1	689.8								
G17.0	704.6	662.4								
G18.0	678.6	634.3								
G19.0	652.1	605.0								
G20.0	626.5	578.0								
G21.0	596.5	544.2								
G22.0	565.7	513.7								
G23.0	533.8	479.2								
G24.0	501.8	444.7								
G25.0	467.2	408.1								
G26.0	432.9	370.1								
G27.0	395.3	330.5								
G28.0	357.9	295.4								
G29.0	319.1	258.9								
G30.0	282.7	225.9								
G31.0	246.7	195.4								
G32.0	213.9	167.6								
G33.0	183.9	143.2								
G34.0	157.3	121.6								
G35.0	133.2	102.9								
G36.0	112.9	86.8								

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	95.8	73.7								
G38.0	80.6	62.3								
G39.0	67.9	52.4								
G40.0	57.2	44.2								
G41.0	48.1	37.4								
G42.0	40.3	31.7								
G43.0	34.2	27.0								
G44.0	28.9	23.0								
G45.0	24.6	19.8								
G46.0	20.9	16.9								
G47.0	17.8	14.6								
G48.0	15.3	12.5								
G49.0	13.2	10.8								
G50.0	11.5	9.4								
G51.0	10.1	8.3								
G52.0	8.6	7.2								
G53.0	7.5	6.1								
G54.0	6.5	5.5								
G55.0	5.8	4.6								
G56.0	4.9	4.0								
G57.0	4.1	3.2								
G58.0	3.4	2.7								
G59.0	3.0	2.2								
G60.0	2.3	1.7								
G61.0	1.7	1.4								
G62.0	1.4	0.9								
G63.0	1.1	0.5								
G64.0	0.5	0.3								
G65.0	0.3	0.1								
G66.0	0.2	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:

