

Report No.:61.02311-Accent Lighting

Test Time: 2021-08-18 17:17

Luminaire Property

Luminaire Category: Osram 3030 3000K CRI90

Voltage: 206.4 V

Current: 0.095 A

Power: 19.10 W

Power Factor: 0.977

Photometric Results

CIE Class: Direct

Measurement Flux: 1384.2 lm

Downward Ratio: 100%

Total Rated Lamp Lumens: 1384.2 lm

Efficiency: 100%

Upward Ratio: 0%

Horizontal Diffuse Angle(25%,50%,75%,100%): H47,H32.2,H20.4,H0

Vertical Diffuse Angle(25%,50%,75%,100%): V47,V32.2,V20.4,V0

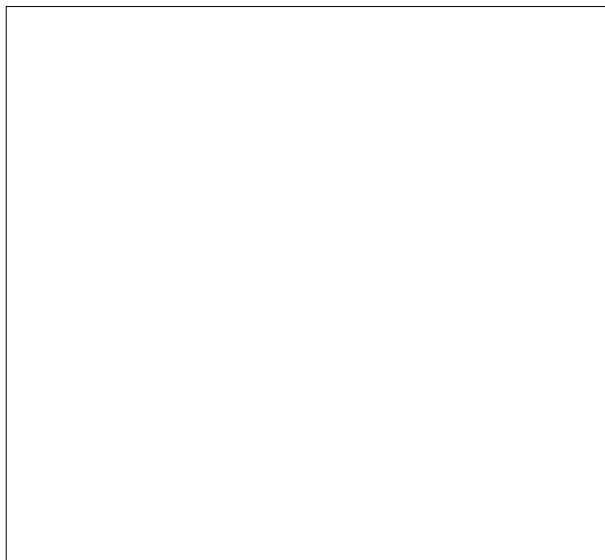
Luminaire Efficacy Rating (LER): 72

Central Intensity: 3698.66 cd

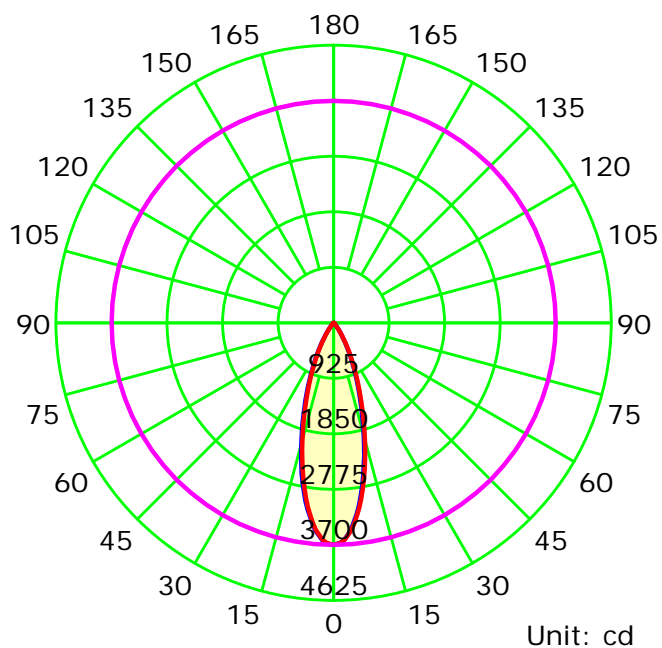
Max. Intensity: 3698.66 cd

Pos of Max. Intensity: H0 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 32.2°

— 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: 1.0

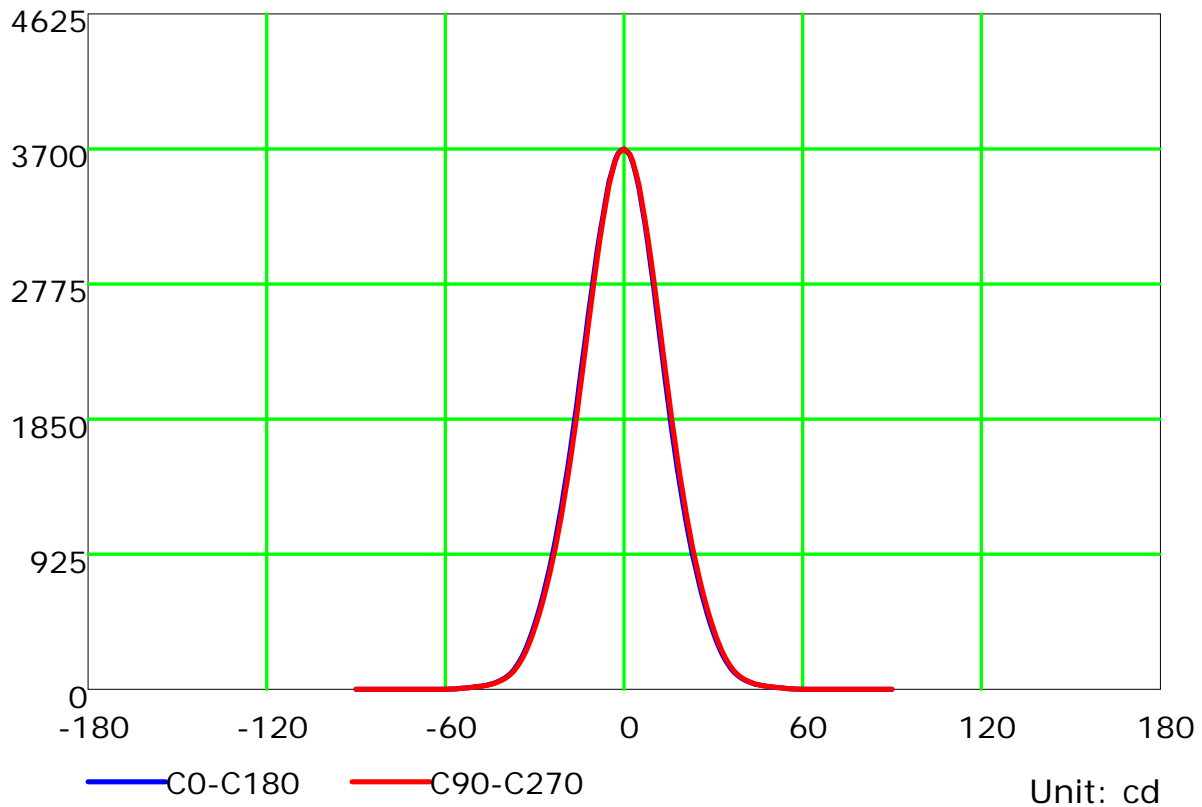
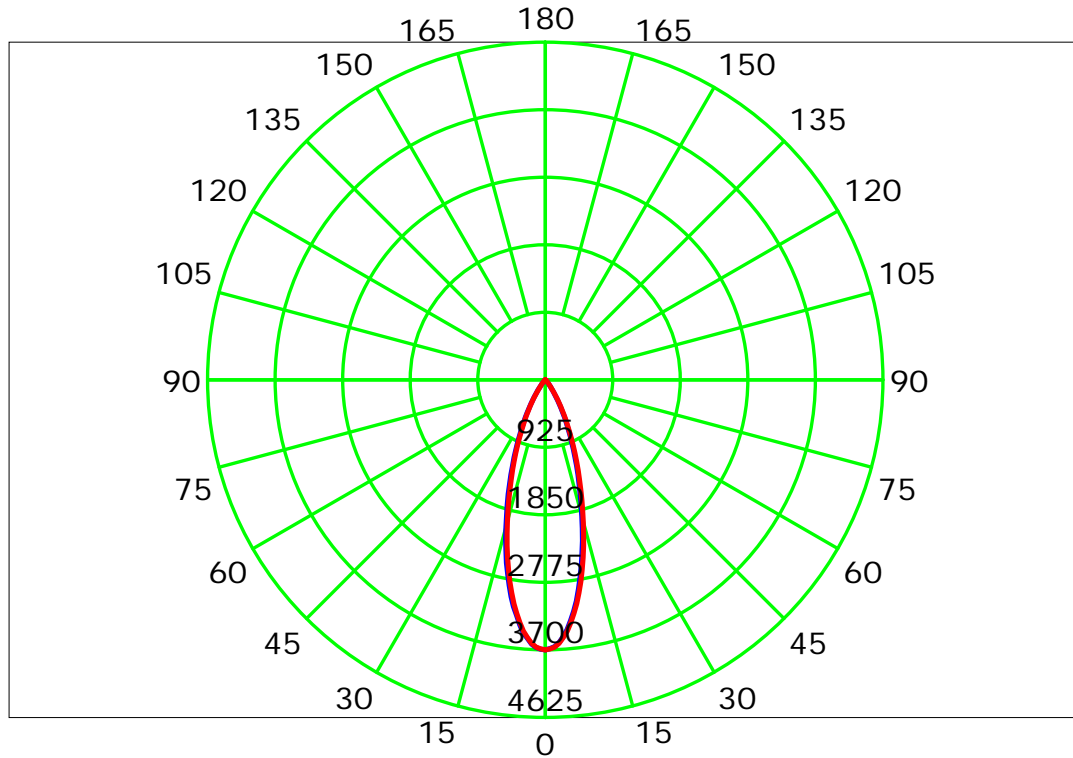
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

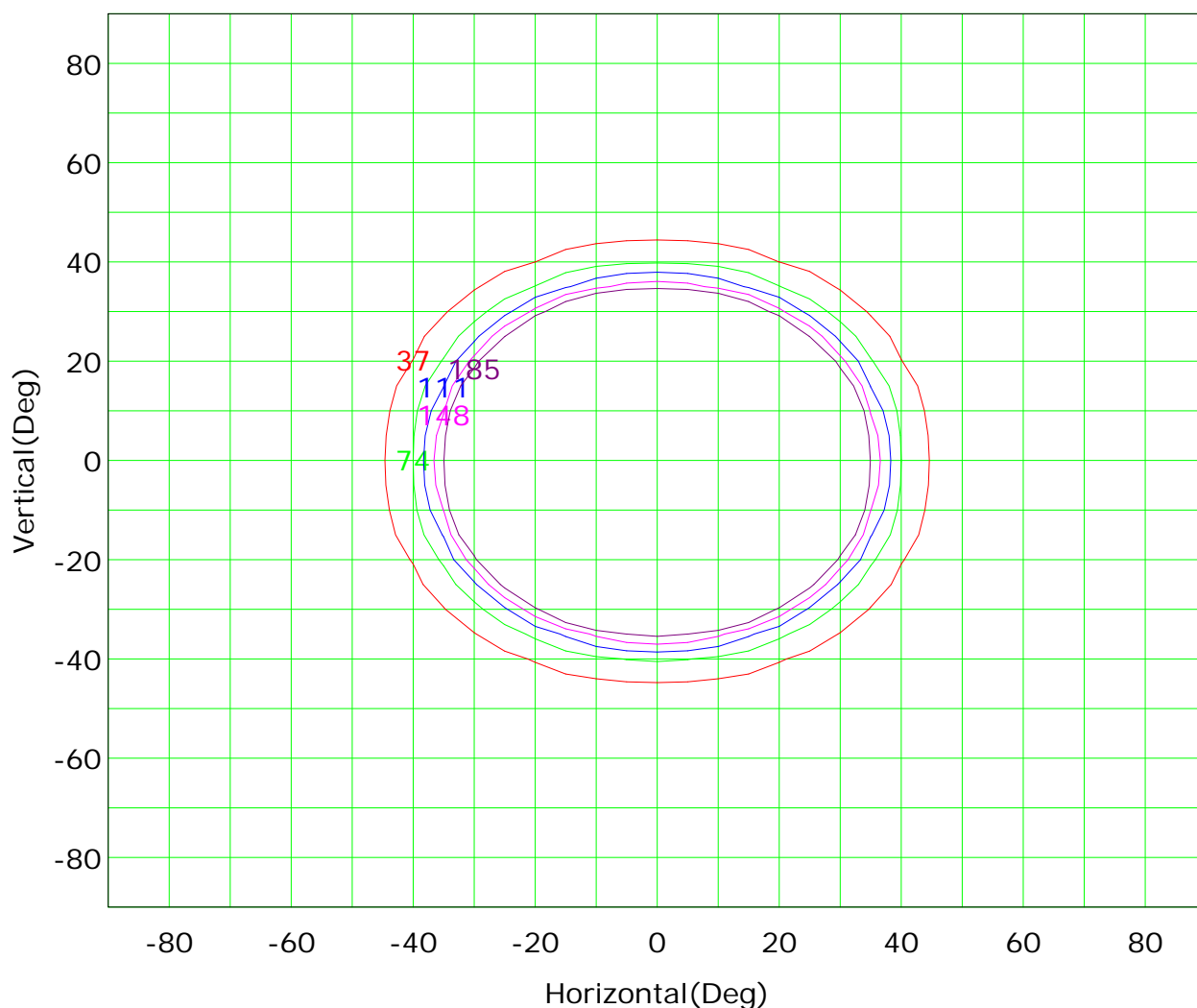
Luminous Intensity Distribution Curve



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_{max} (100%): 3699 cd

(1%):	37 cd	(2%):	74 cd
(3%):	111 cd	(4%):	148 cd
(5%):	185 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

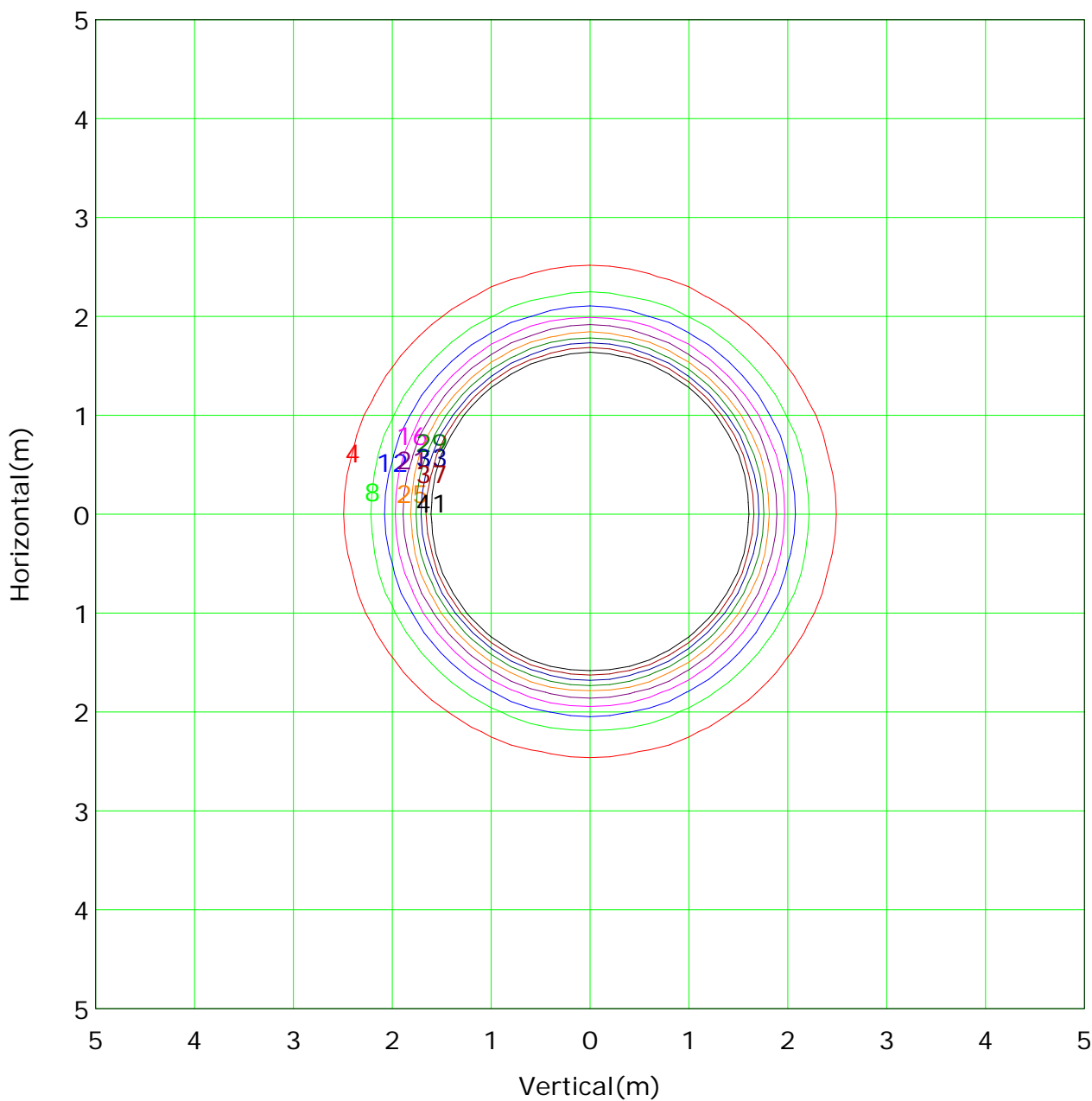
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 3m Max Lux(100%): 411 lx

(1%):	4 lx	(2%):	8 lx
(3%):	12 lx	(4%):	16 lx
(5%):	21 lx	(6%):	25 lx
(7%):	29 lx	(8%):	33 lx
(9%):	37 lx	(10%):	41 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

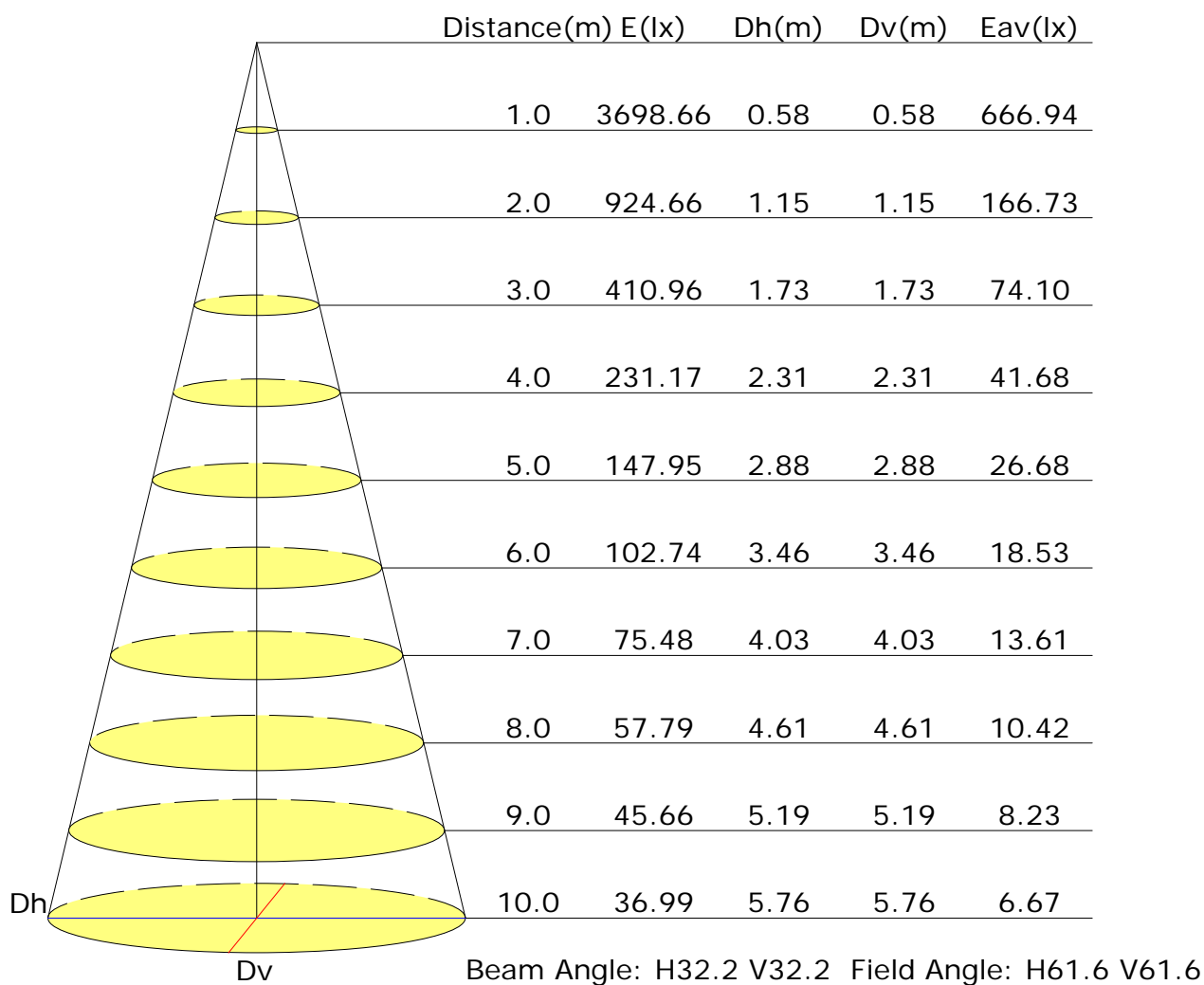
Test Device: CHL-6E

Distance: 3.000 m

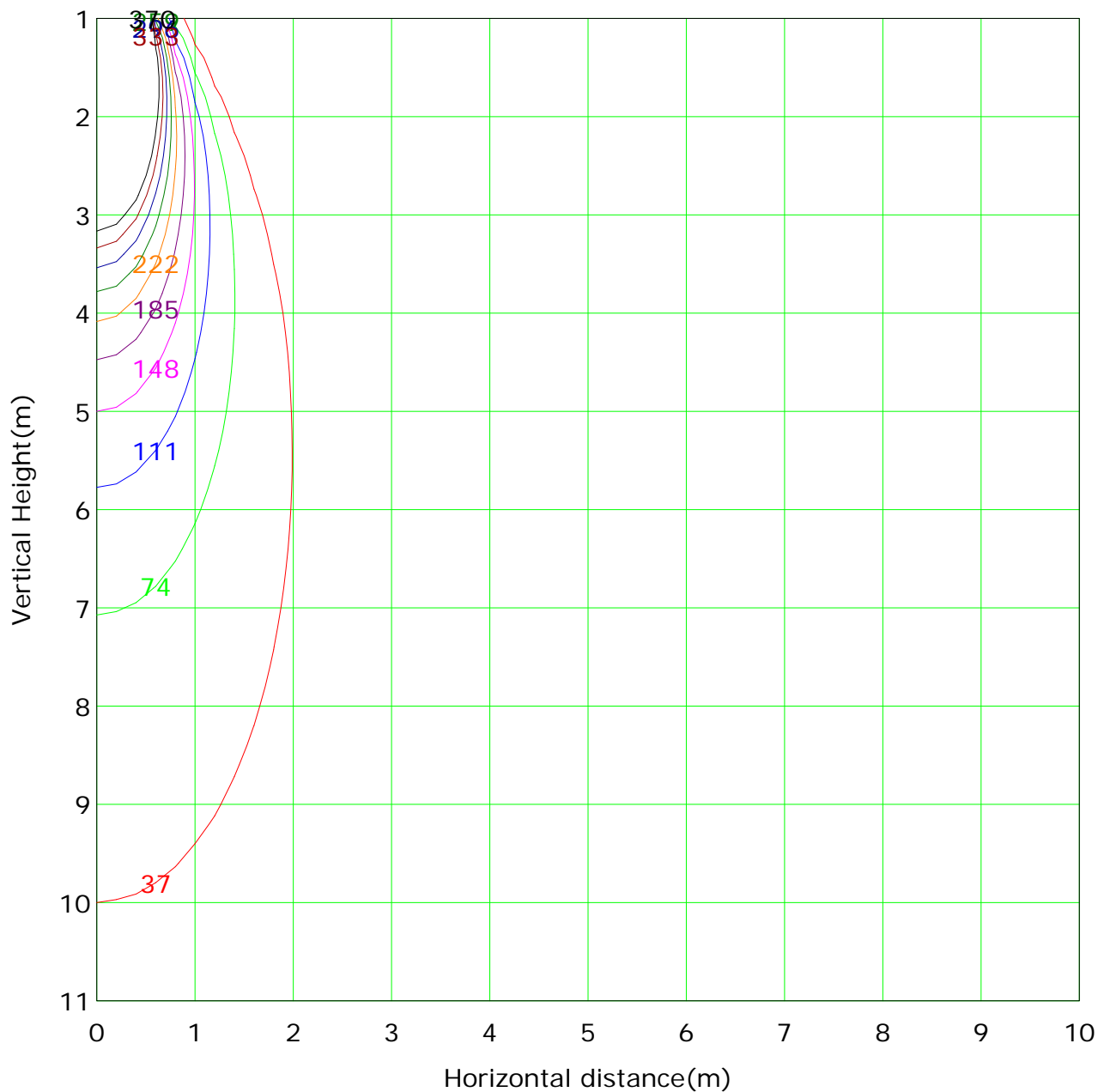
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1m Highest(m): 11 Max Lux: 3699	
(1%): 37 lx	(2%): 74 lx
(3%): 111 lx	(4%): 148 lx
(5%): 185 lx	(6%): 222 lx
(7%): 259 lx	(8%): 296 lx
(9%): 333 lx	(10%): 370 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

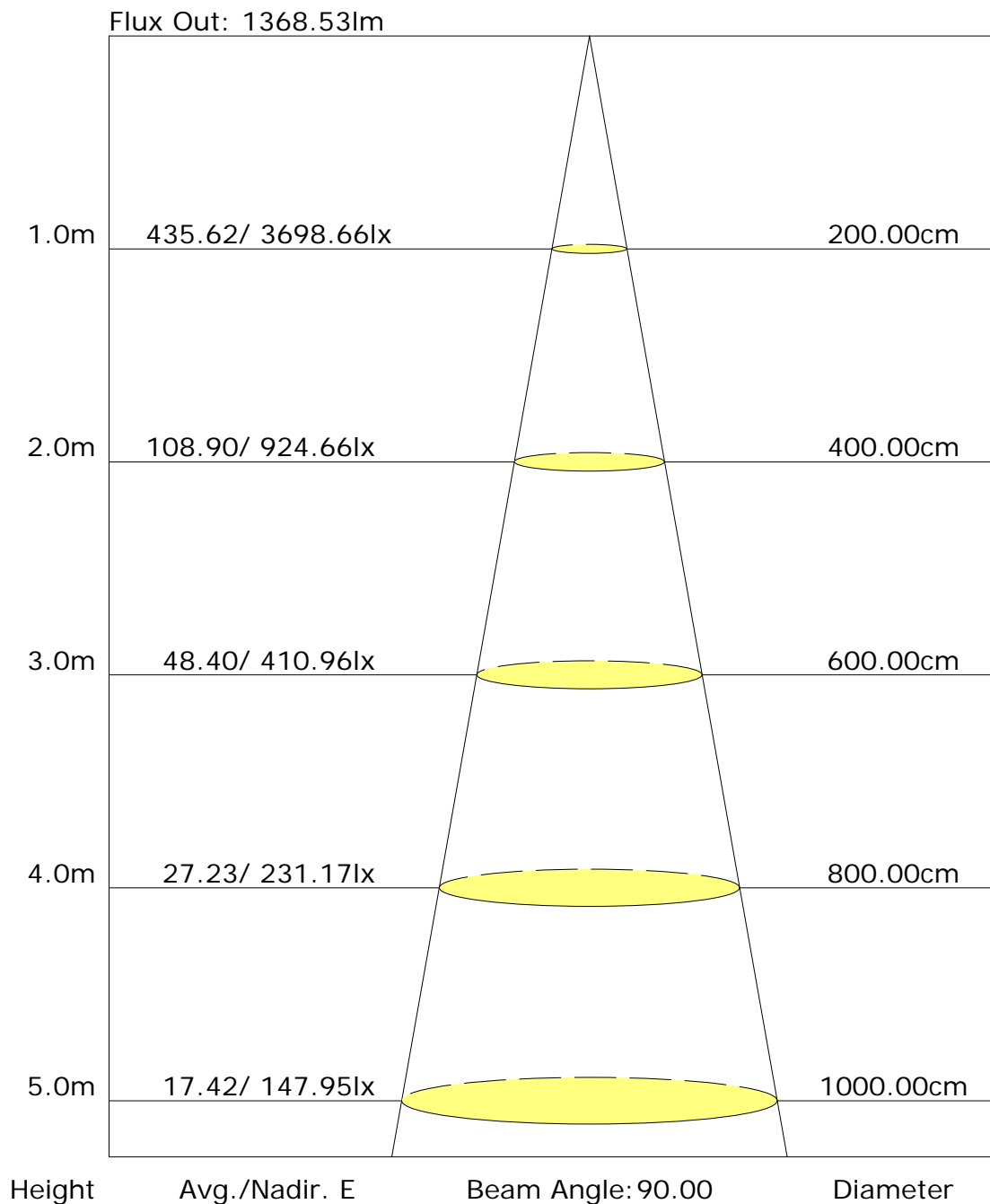
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

The average illuminance effective figure



Candlepower Table

Unit: cd

G\C	C0.0	C180.0								
G0.0	3698.7	3698.7								
G1.0	3681.5	3690.5								
G2.0	3657.1	3668.8								
G3.0	3603.8	3625.5								
G4.0	3525.2	3550.5								
G5.0	3433.9	3479.1								
G6.0	3314.6	3372.4								
G7.0	3194.4	3247.7								
G8.0	3059.8	3137.5								
G9.0	2901.6	3007.4								
G10.0	2748.9	2856.4								
G11.0	2588.1	2711.0								
G12.0	2419.1	2564.6								
G13.0	2263.6	2402.8								
G14.0	2097.4	2247.4								
G15.0	1938.3	2090.1								
G16.0	1782.9	1932.0								
G17.0	1641.0	1790.1								
G18.0	1502.8	1646.5								
G19.0	1374.5	1506.4								
G20.0	1249.8	1382.6								
G21.0	1135.0	1253.4								
G22.0	1025.7	1142.2								
G23.0	925.3	1030.2								
G24.0	838.6	927.2								
G25.0	746.4	829.5								
G26.0	663.3	746.4								
G27.0	589.2	659.7								
G28.0	517.8	584.7								
G29.0	450.0	512.4								
G30.0	389.5	445.5								
G31.0	334.4	385.0								
G32.0	284.6	328.9								
G33.0	241.3	278.3								
G34.0	202.4	234.1								
G35.0	169.0	196.1								
G36.0	141.0	164.5								

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	116.6	134.6								
G38.0	99.4	112.1								
G39.0	82.2	94.0								
G40.0	69.6	78.6								
G41.0	59.6	66.9								
G42.0	50.6	56.9								
G43.0	43.4	47.9								
G44.0	36.2	39.8								
G45.0	32.5	35.2								
G46.0	28.0	28.9								
G47.0	24.4	26.2								
G48.0	20.8	21.7								
G49.0	18.1	19.9								
G50.0	16.3	18.1								
G51.0	13.6	14.5								
G52.0	11.8	11.8								
G53.0	9.9	9.9								
G54.0	7.2	8.1								
G55.0	5.4	7.2								
G56.0	3.6	4.5								
G57.0	2.7	2.7								
G58.0	1.8	2.7								
G59.0	1.8	1.8								
G60.0	0.0	0.0								
G61.0	0.0	0.0								
G62.0	0.0	0.0								
G63.0	0.0	0.0								
G64.0	0.0	0.0								
G65.0	0.0	0.0								
G66.0	0.0	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								

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Temperature:

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Test Device: CHL-6E

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Humidity:

Inspector:

