

Report No.:61.02310-Accent Lighting

Test Time: 2021-08-18 17:03

Luminaire Property

Luminaire Category: Osram 3030 3000K CRI90

Voltage: 211.0 V

Current: 0.066 A

Power: 13.40 W

Power Factor: 0.962

Photometric Results

CIE Class: Direct

Measurement Flux: 950.8 lm

Downward Ratio: 100%

Total Rated Lamp Lumens: 950.8 lm

Efficiency: 100%

Upward Ratio: 0%

Horizontal Diffuse Angle(25%,50%,75%,100%): H45.9,H31,H19.9,H2

Vertical Diffuse Angle(25%,50%,75%,100%): V45.9,V31,V19.9,V2

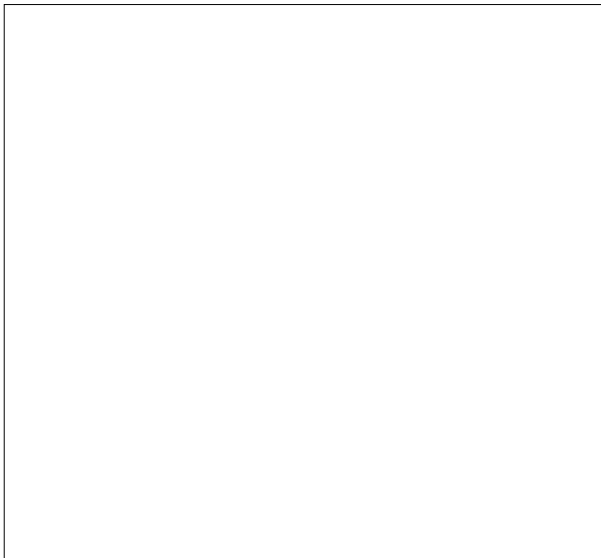
Luminaire Efficacy Rating (LER): 71

Central Intensity: 2595.69 cd

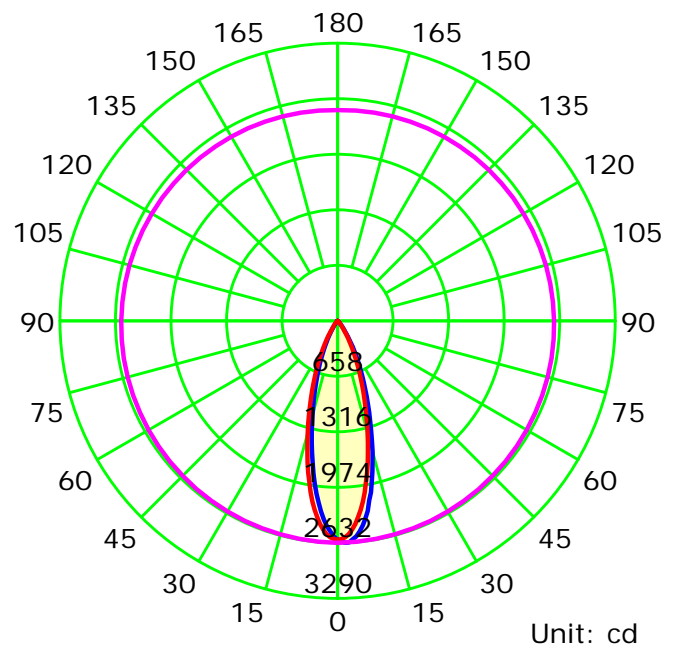
Max. Intensity: 2631.68 cd

Pos of Max. Intensity: H0 V2

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 31.0°

— C0-C180 — C90-C270 — G2

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0: 1.0

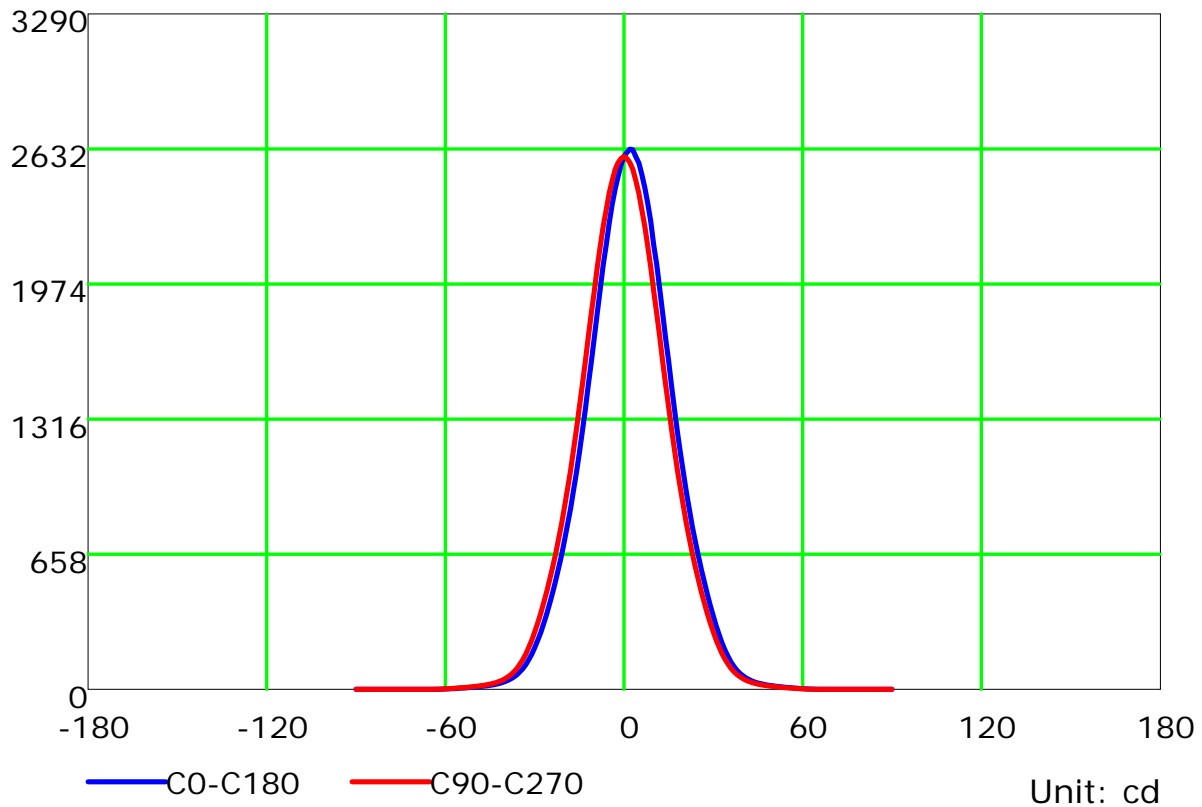
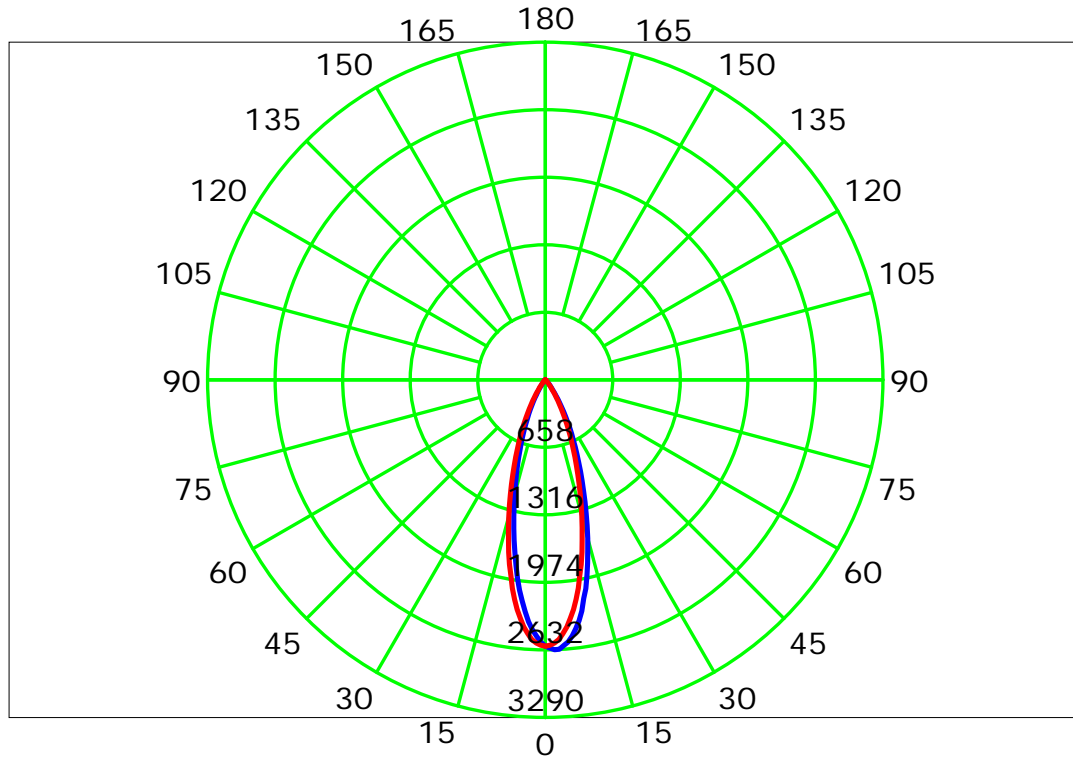
Test Device: CHL-6E

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

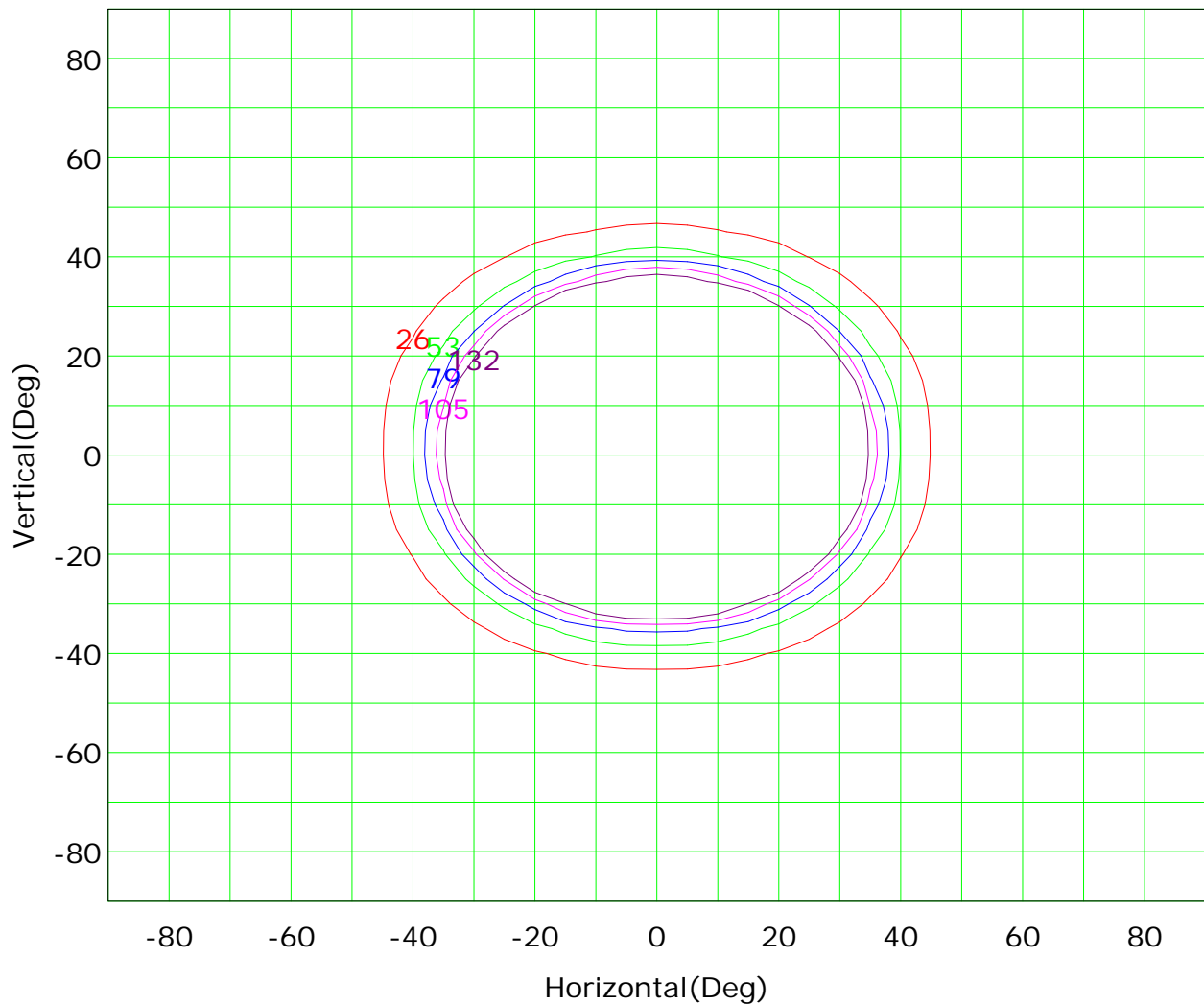
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

Isocandela (rectangle)



I_{max} (100%): 2632 cd

(1%): 26 cd
(3%): 79 cd
(5%): 132 cd

(2%): 53 cd
(4%): 105 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

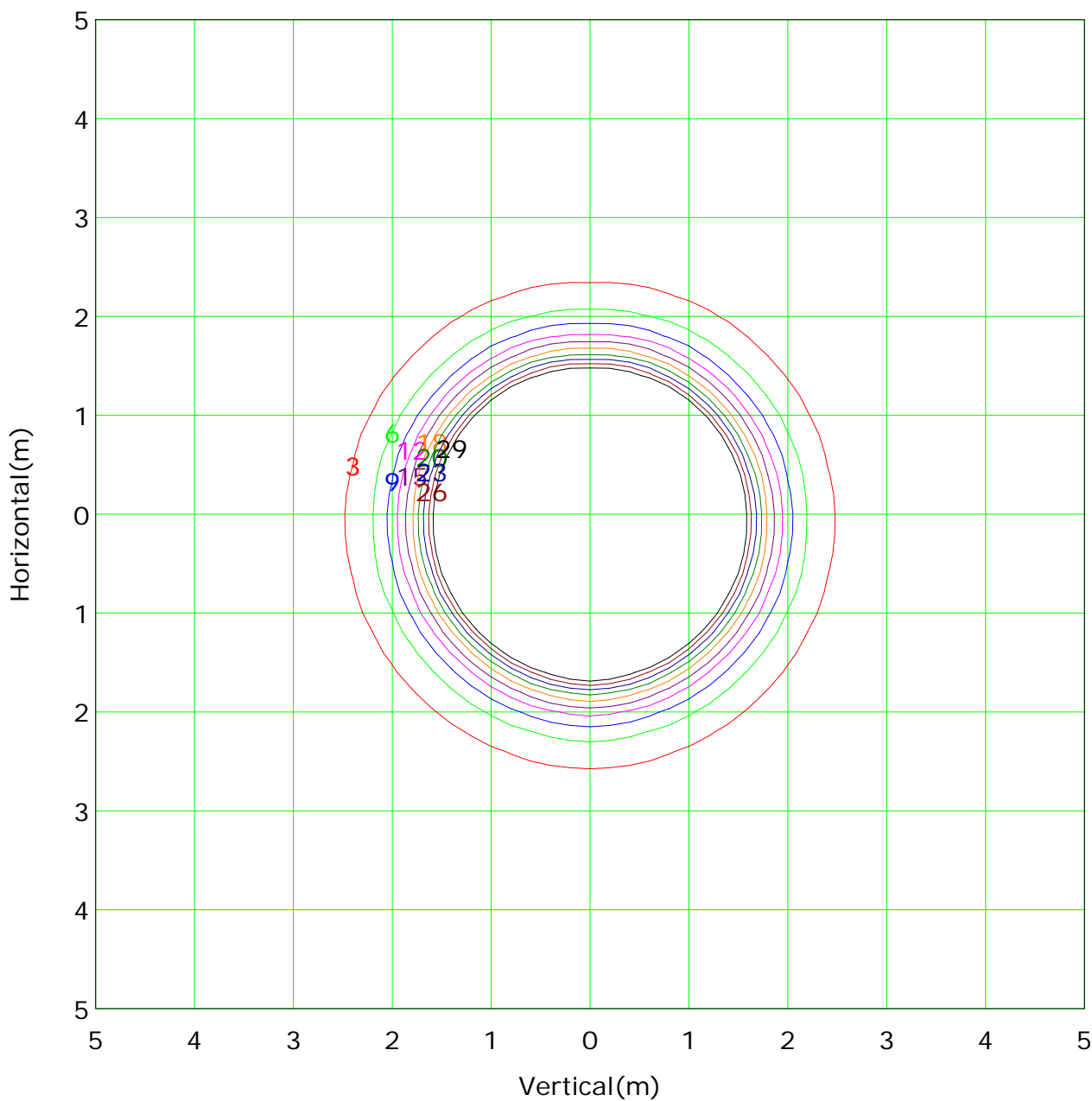
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 3m		Max Lux(100%): 292 lx	
— (1%):	3 lx	— (2%):	6 lx
— (3%):	9 lx	— (4%):	12 lx
— (5%):	15 lx	— (6%):	18 lx
— (7%):	20 lx	— (8%):	23 lx
— (9%):	26 lx	— (10%):	29 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

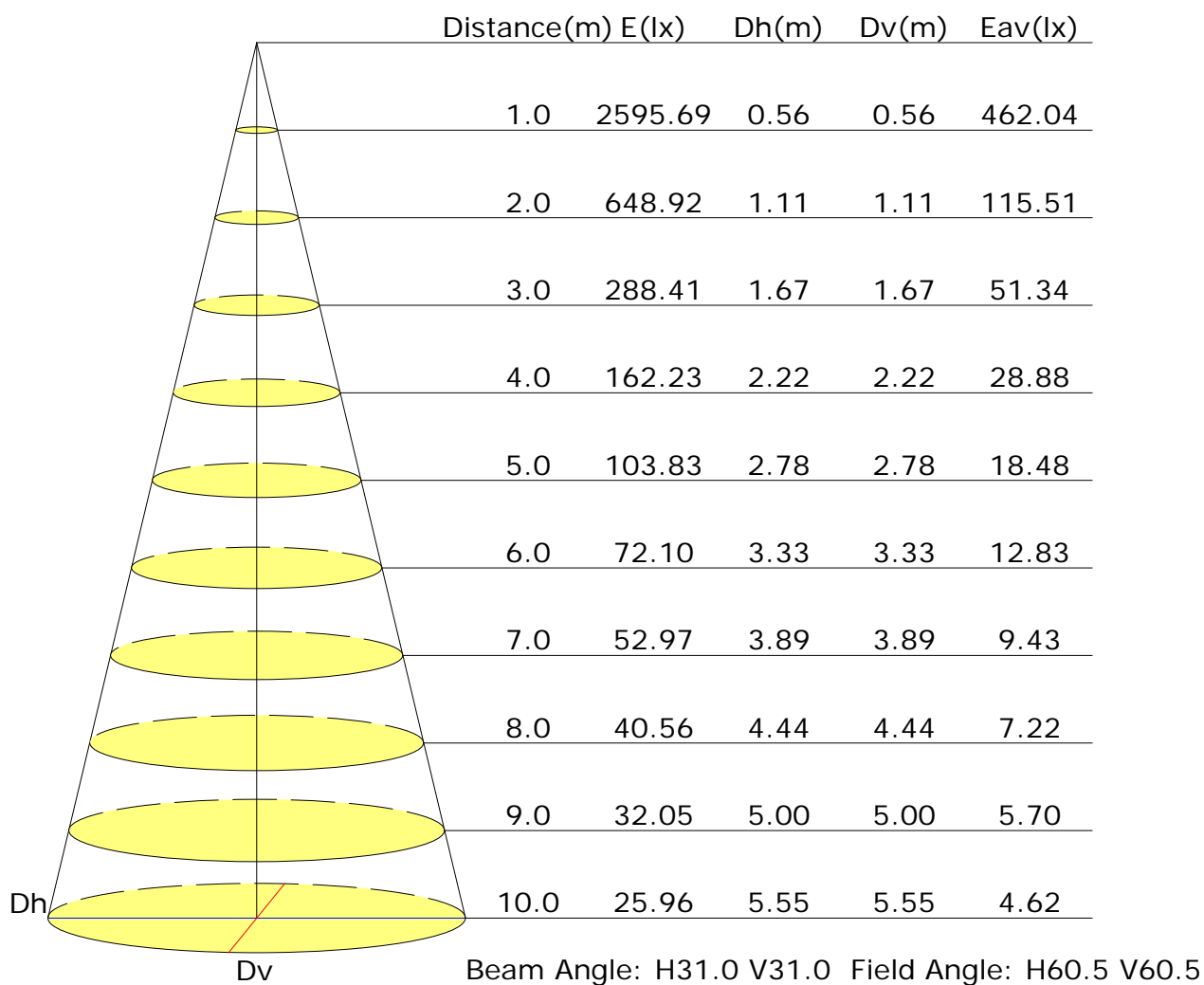
Test Device: CHL-6E

Distance: 3.000 m

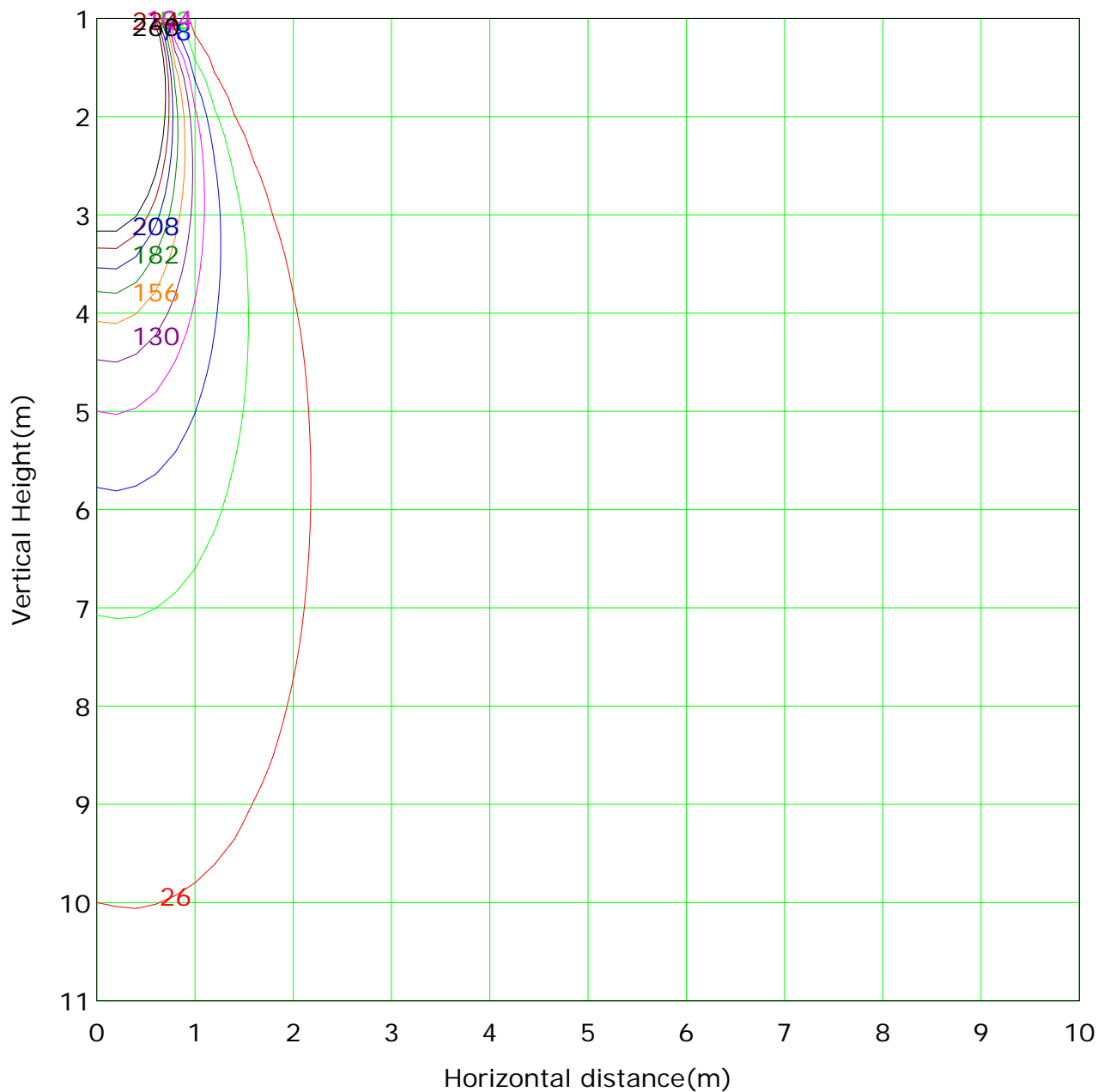
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1m Highest(m): 11 Max Lux: 2596	
(1%): 26 lx	(2%): 52 lx
(3%): 78 lx	(4%): 104 lx
(5%): 130 lx	(6%): 156 lx
(7%): 182 lx	(8%): 208 lx
(9%): 234 lx	(10%): 260 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

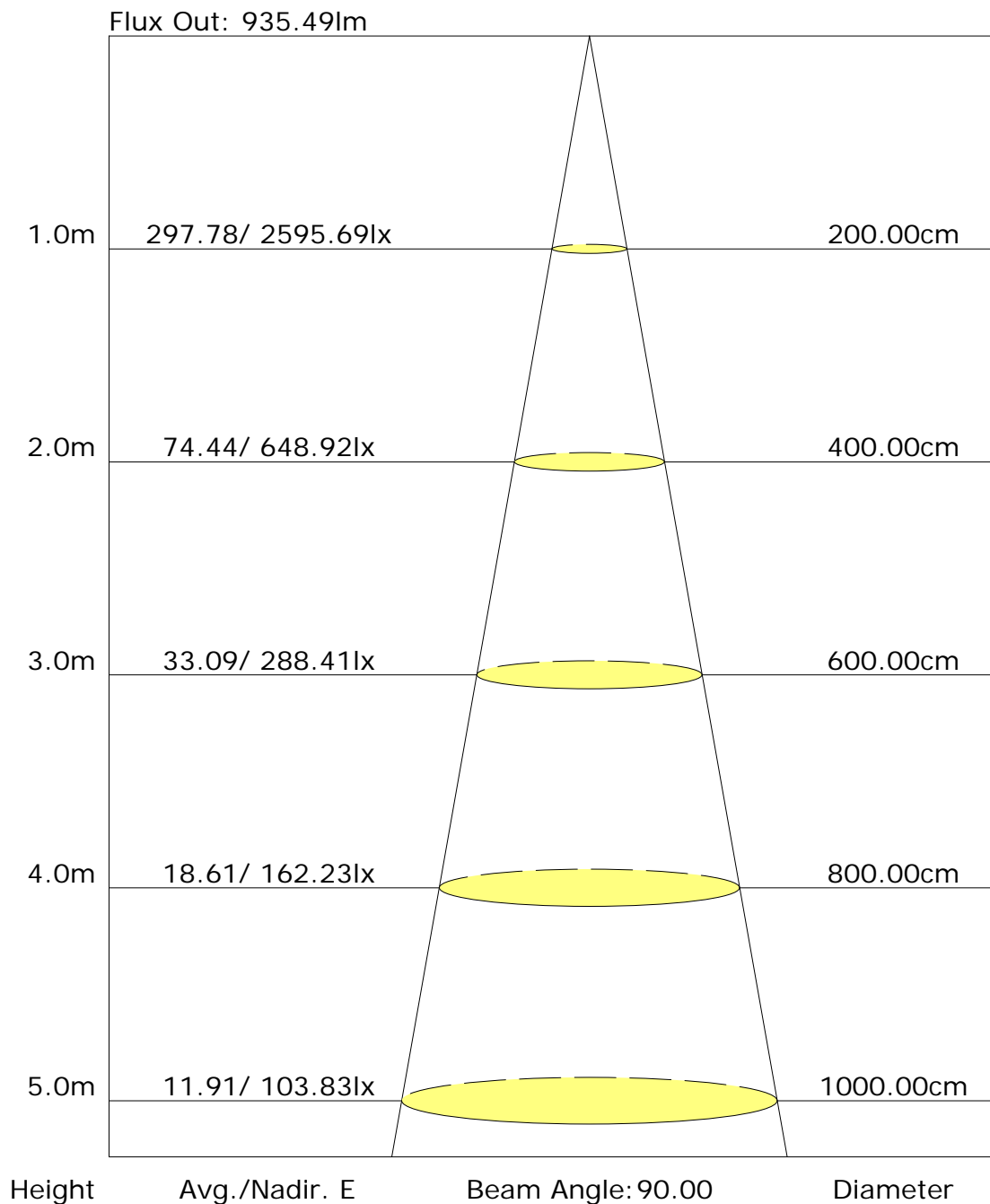
Test Device: CHL-6E

Distance: 3.000 m

Humidity:

Inspector:

The average illuminance effective figure



Candlepower Table

Unit: cd

G\C	C0.0	C180.0								
G0.0	2595.7	2595.7								
G1.0	2615.0	2556.8								
G2.0	2631.7	2499.1								
G3.0	2628.2	2437.9								
G4.0	2594.0	2361.9								
G5.0	2563.2	2267.9								
G6.0	2509.0	2164.8								
G7.0	2443.3	2066.5								
G8.0	2368.4	1953.2								
G9.0	2279.9	1833.9								
G10.0	2161.9	1711.7								
G11.0	2071.4	1596.2								
G12.0	1951.5	1483.8								
G13.0	1835.2	1366.9								
G14.0	1710.3	1258.8								
G15.0	1598.2	1151.6								
G16.0	1477.6	1057.0								
G17.0	1359.9	967.3								
G18.0	1251.4	878.7								
G19.0	1148.1	802.5								
G20.0	1050.6	724.3								
G21.0	958.0	653.3								
G22.0	873.8	589.4								
G23.0	791.3	529.8								
G24.0	718.4	470.4								
G25.0	649.2	416.6								
G26.0	584.0	366.4								
G27.0	523.0	319.8								
G28.0	464.9	277.2								
G29.0	407.8	238.7								
G30.0	356.6	202.9								
G31.0	308.0	171.6								
G32.0	264.7	144.9								
G33.0	224.1	121.1								
G34.0	189.3	101.0								
G35.0	158.6	85.4								
G36.0	132.5	71.5								

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	110.6	60.5								
G38.0	92.6	51.6								
G39.0	77.7	44.0								
G40.0	65.6	37.9								
G41.0	55.7	33.0								
G42.0	47.6	28.8								
G43.0	41.0	25.3								
G44.0	35.8	22.5								
G45.0	31.0	20.1								
G46.0	27.4	17.9								
G47.0	24.2	15.9								
G48.0	21.5	14.4								
G49.0	19.2	12.7								
G50.0	17.2	11.3								
G51.0	15.2	10.1								
G52.0	13.4	8.8								
G53.0	12.0	7.7								
G54.0	10.4	6.6								
G55.0	9.1	5.6								
G56.0	7.8	4.7								
G57.0	6.7	3.9								
G58.0	5.7	3.2								
G59.0	4.5	2.3								
G60.0	3.6	1.7								
G61.0	2.9	1.2								
G62.0	2.1	0.7								
G63.0	1.4	0.4								
G64.0	0.8	0.1								
G65.0	0.6	0.0								
G66.0	0.3	0.0								
G67.0	0.2	0.0								
G68.0	0.1	0.0								
G69.0	0.1	0.0								
G70.0	0.1	0.0								
G71.0	0.1	0.0								
G72.0	0.2	0.0								
G73.0	0.1	0.0								

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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:



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