中山雅大光电有限公司
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Tel:0760-22211890
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Report No.: 93.04513 Test Time: 2023-09-13 15:47

Luminaire Property

Luminaire Category: Bridgelux V8 4000K CRI90
Voltage: 221.8 V Current: 0.052 A
Power: 10.80 W Power Factor: 0.928

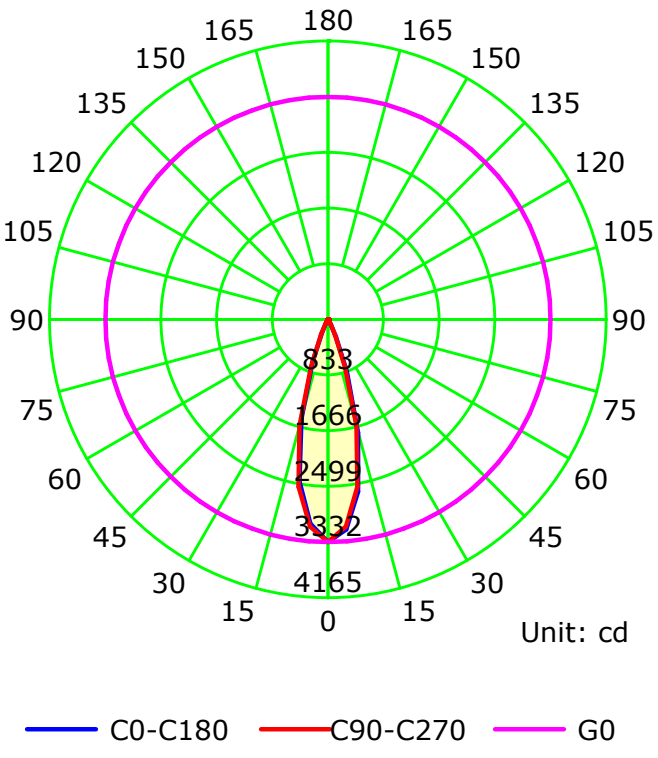
Photometric Results

CIE Class: Direct Total Rated Lamp Lumens: 910.5 lm
Measurement Flux: 910.5 lm Efficiency: 100%
Downward Ratio: 100% Upward Ratio: 0%
Horizontal Diffuse Angle(50%): H29.8
Vertical Diffuse Angle(50%): V29.8
Luminaire Efficacy Rating (LER): 84 Central Intensity: 3330.81 cd
Max. Intensity: 3330.82 cd Pos of Max. Intensity: H0 V0

Picture Of Luminaire

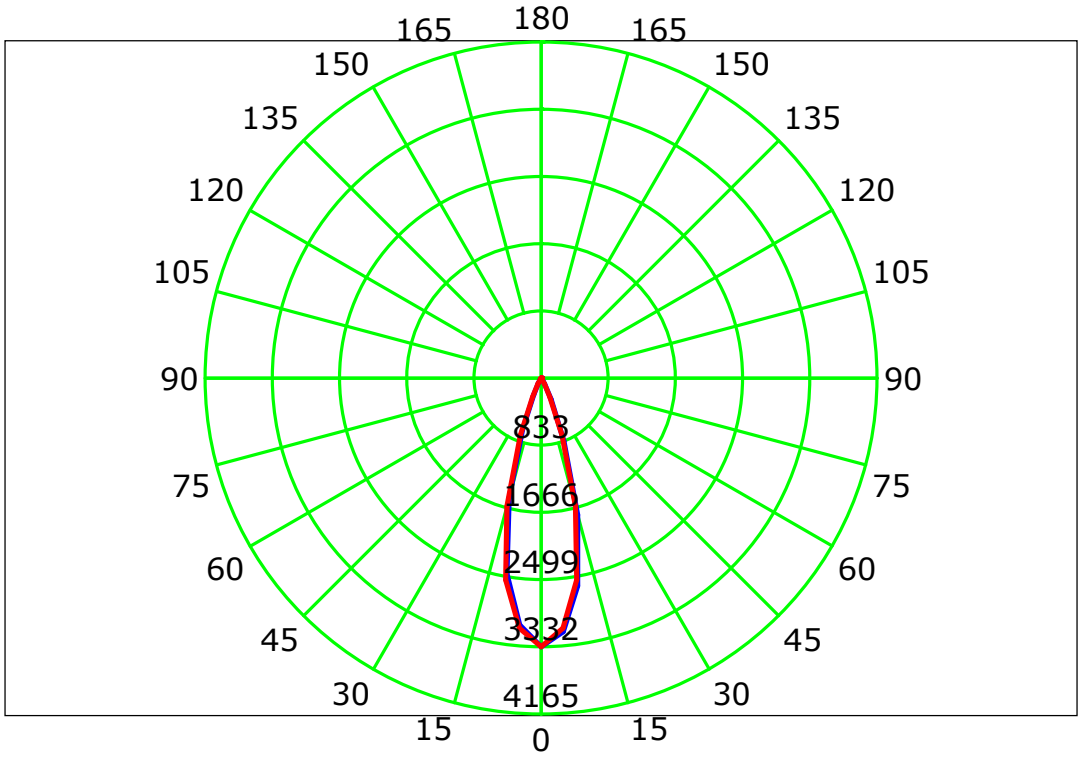


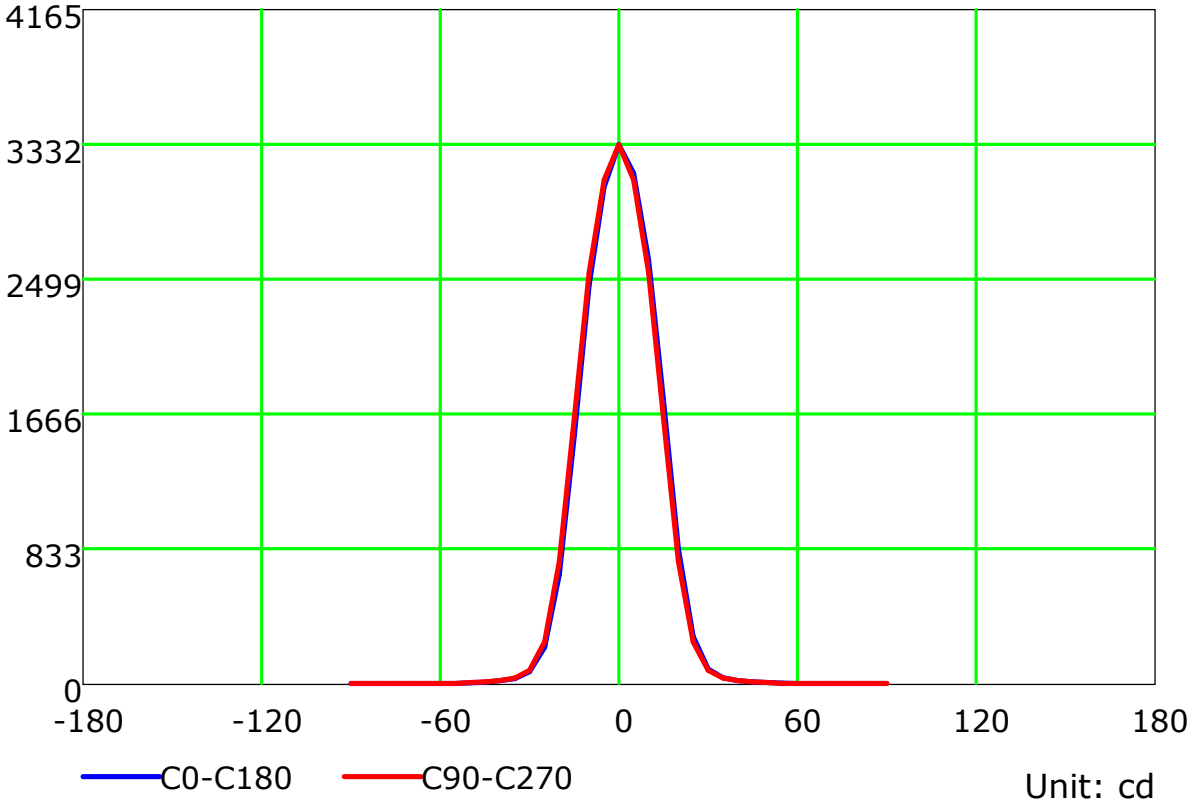
Luminous Intensity Distribution Curve



C Plane (°):0.0-180.0: 180.0 Gamma Plane (°):0.0-90.0:5.0
Test Lab: Test Device: CHL-6E
Test Type: TYPE C Distance: 3.000 m
Temperature: Humidity:
Operator: Inspector:

Luminous Intensity Distribution Curve

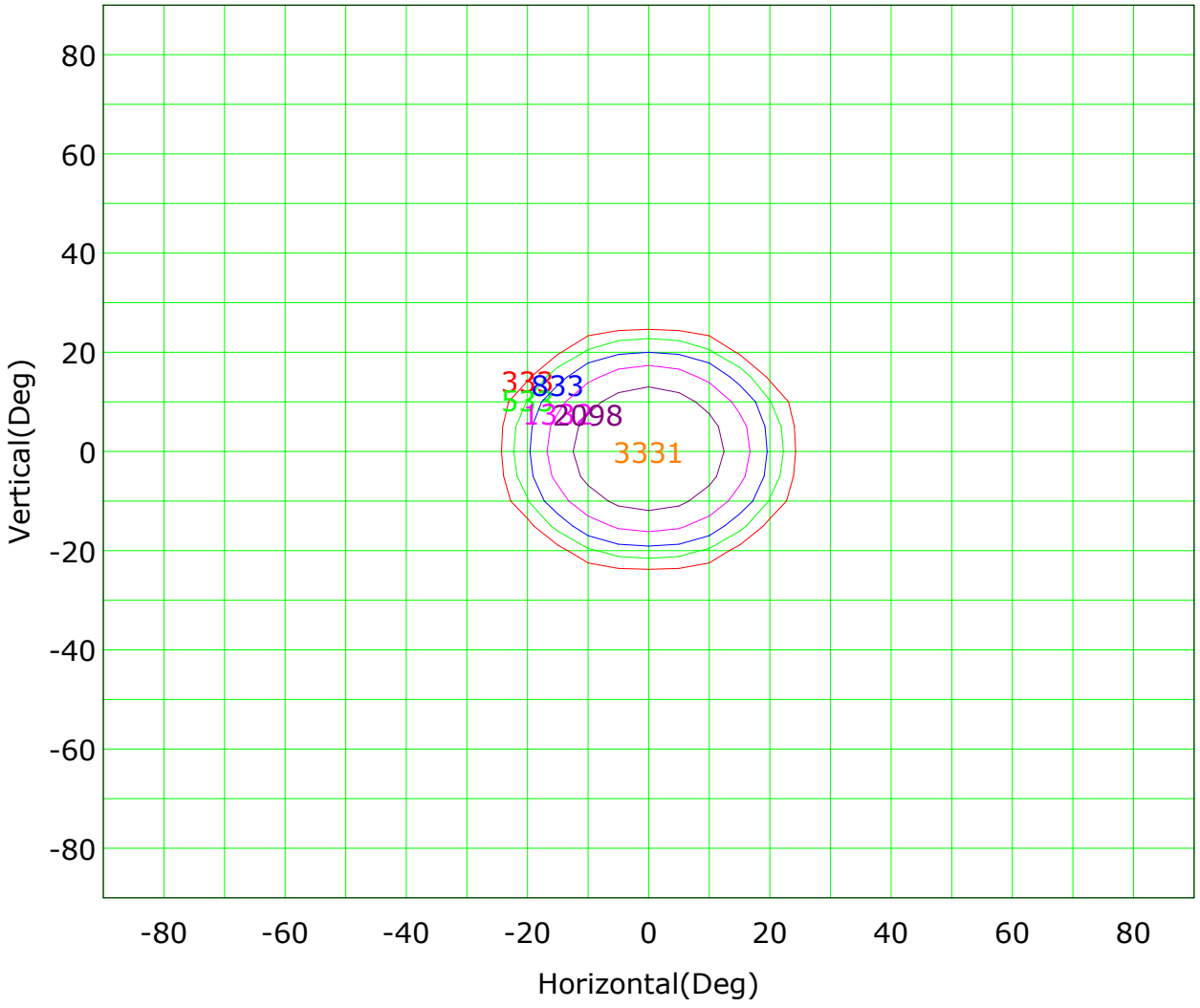




C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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

Isocandela (rectangle)

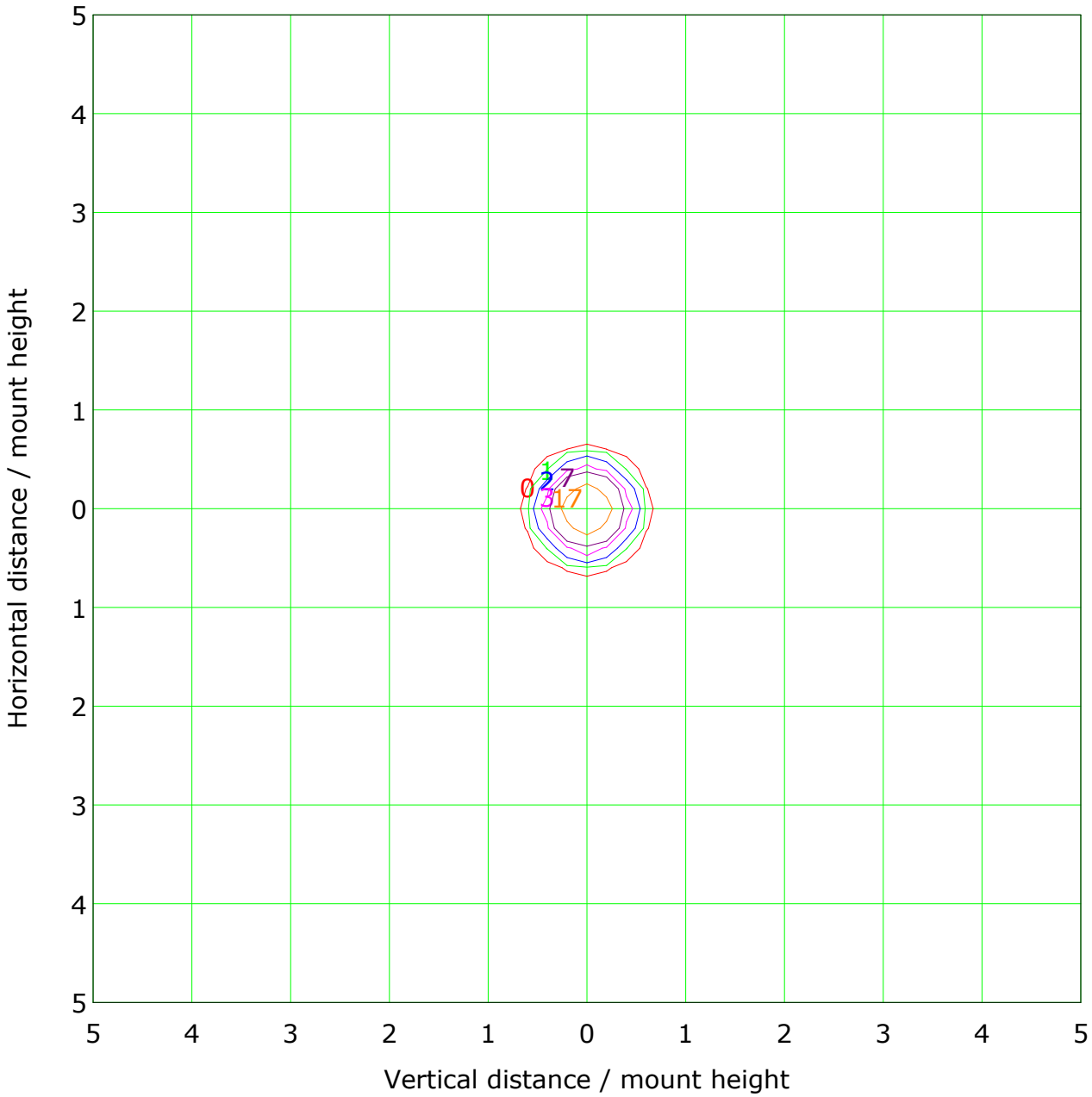


Imax (100%): 3331 cd

(10%): 333 cd
(16%): 533 cd
(25%): 833 cd
(40%): 1332 cd
(63%): 2098 cd
(100%): 3331 cd

C Plane (°):0.0-180.0: 180.0
Gamma Plane (°):0.0-90.0:5.0
Test Lab:
Test Device: CHL-6E
Test Type: TYPE C
Distance: 3.000 m
Temperature:
Humidity:
Operator:
Inspector:

IsoLux Plot



Mounting Height: 10m Max Lux(100%): 33 lx

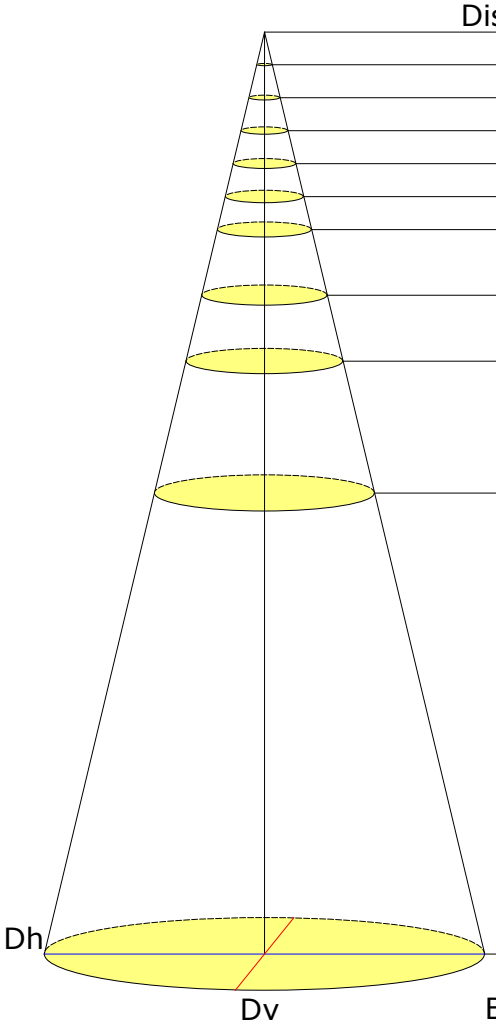
(1%):	0 lx	(2%):	1 lx
(5%):	2 lx	(10%):	3 lx
(20%):	7 lx	(50%):	17 lx
(100%):	33 lx		

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:

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Illuminance at a Distance



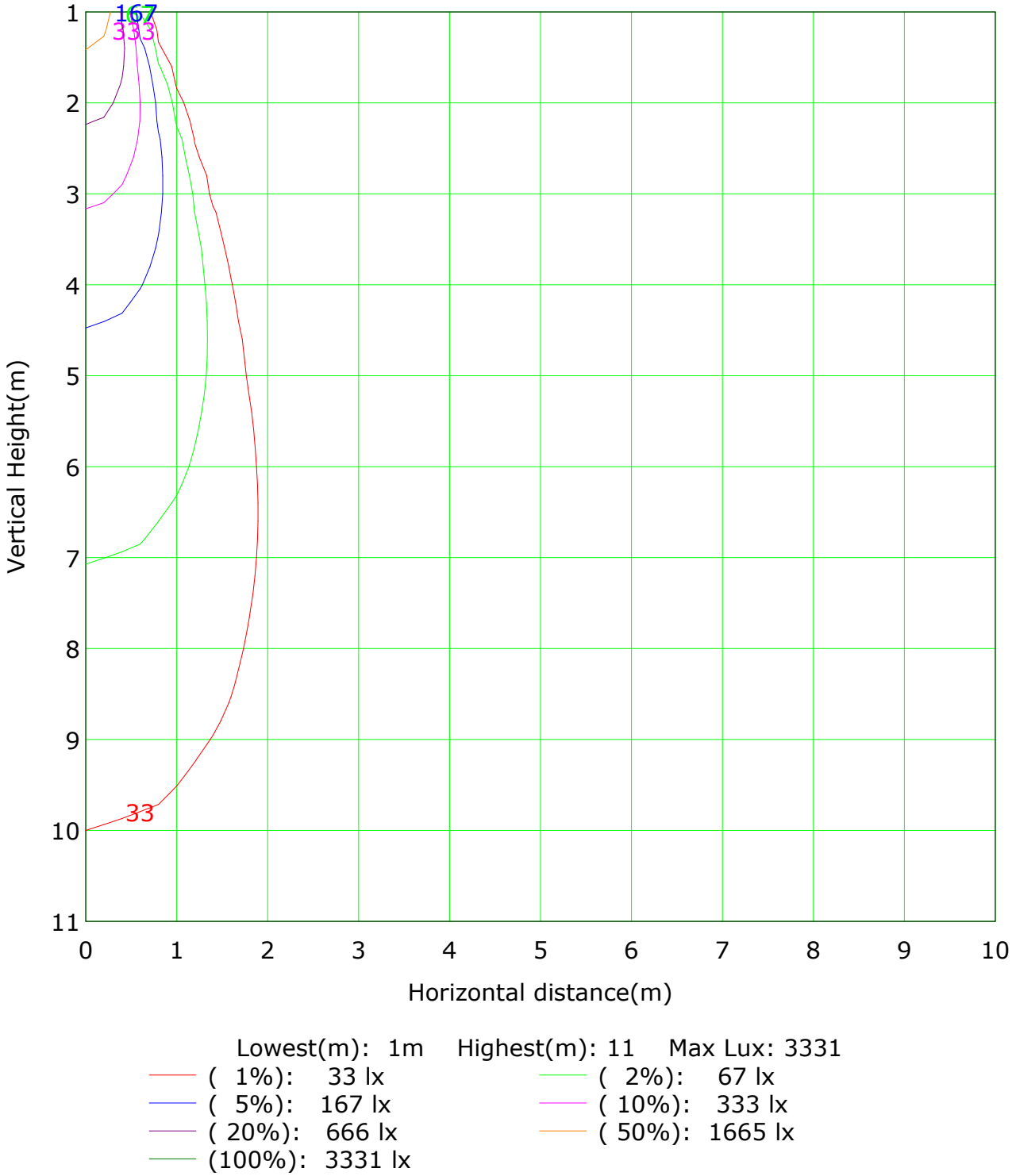
Distance(m)	E(lx)	Dh(m)	Dv(m)	Eav(lx)
0.5	13323.24	0.27	0.27	2257.29
1.0	3330.81	0.53	0.53	564.32
1.5	1480.36	0.80	0.80	250.81
2.0	832.70	1.06	1.06	141.08
2.5	532.93	1.33	1.33	90.29
3.0	370.09	1.60	1.60	62.70
4.0	208.18	2.13	2.13	35.27
5.0	133.23	2.66	2.66	22.57
7.0	67.98	3.72	3.72	11.52
14.0	16.99	7.45	7.45	2.88

Beam Angle: H29.8 V29.8 Field Angle: H48.4 V48.4

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:

Vertical IsoLux Plot



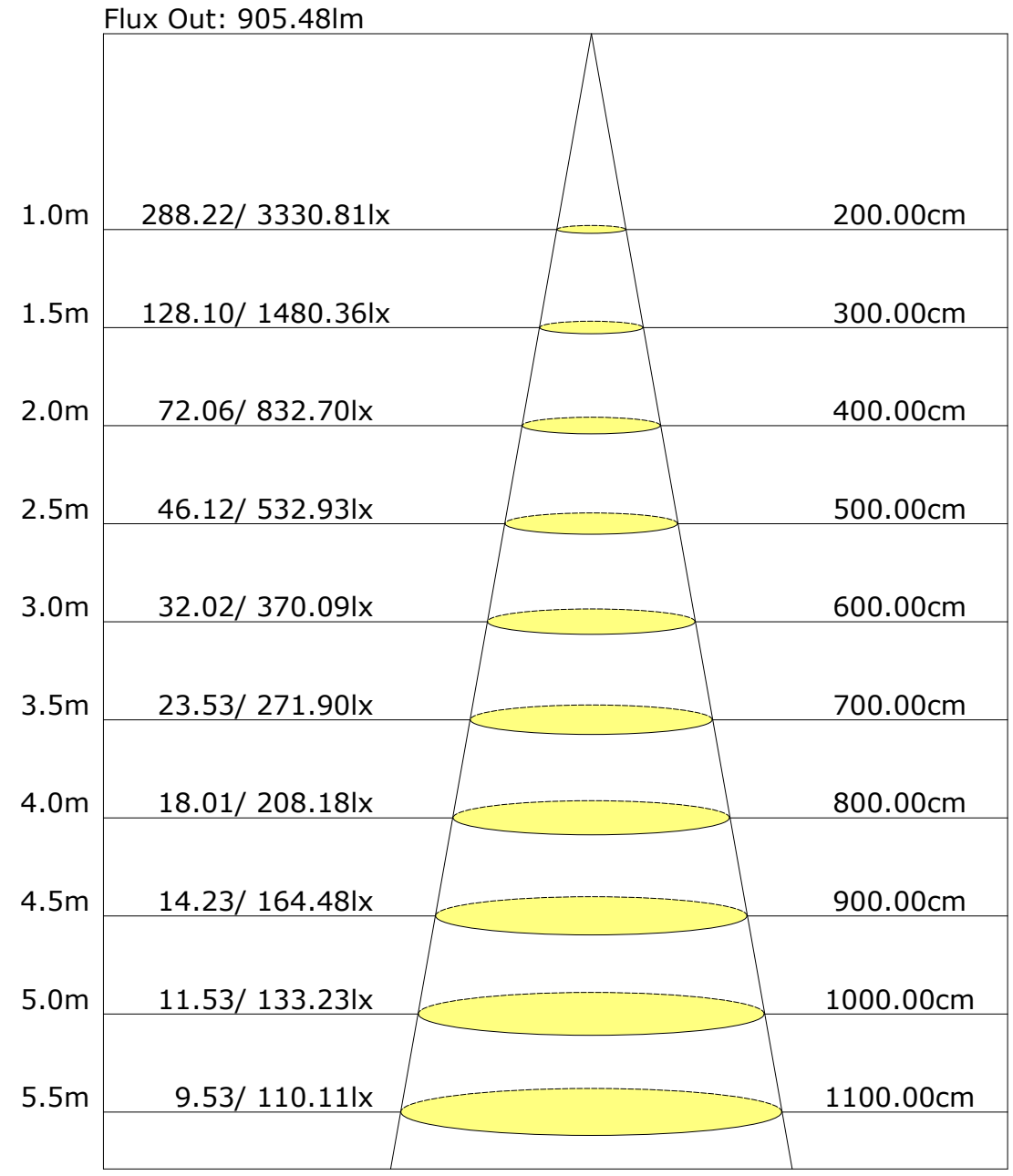
Lowest(m): 1m Highest(m): 11 Max Lux: 3331

(1%): 33 lx
(2%): 67 lx
(5%): 167 lx
(10%): 333 lx
(20%): 666 lx
(50%): 1665 lx
(100%): 3331 lx

C Plane (°):0.0-180.0: 180.0
Gamma Plane (°):0.0-90.0:5.0
Test Lab:
Test Device: CHL-6E
Test Type: TYPE C
Distance: 3.000 m
Temperature:
Humidity:
Operator:
Inspector:

The average illuminance effective figure

Flux Out: 905.48lm



Height | Avg./Nadir. E | Beam Angle:90.00 | Diameter

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

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-5.0	3221.7	77.0	77.0	8.46	8.46
5.0-10.0	2825.6	202.2	279.2	22.20	30.66
10.0-15.0	2092.6	248.3	527.5	27.27	57.93
15.0-20.0	1200.4	197.9	725.3	21.73	79.66
20.0-25.0	506.3	106.2	831.5	11.66	91.32
25.0-30.0	169.9	43.0	874.5	4.72	96.04
30.0-35.0	57.7	17.0	891.5	1.87	97.91
35.0-40.0	26.1	8.7	900.2	0.96	98.87
40.0-45.0	14.2	5.3	905.5	0.58	99.45
45.0-50.0	8.1	3.3	908.8	0.36	99.80
50.0-55.0	3.5	1.5	910.3	0.17	99.97
55.0-60.0	0.5	0.2	910.5	0.03	100.00
60.0-65.0	0.0	0.0	910.5	0.00	100.00
65.0-70.0	0.0	0.0	910.5	0.00	100.00
70.0-75.0	0.0	0.0	910.5	0.00	100.00
75.0-80.0	0.0	0.0	910.5	0.00	100.00
80.0-85.0	0.0	0.0	910.5	0.00	100.00
85.0-90.0	0.0	0.0	910.5	0.00	100.00

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:

Candlepower Table

Unit: cd

G\C	C0.0	C180.0								
G0.0	3330.8	3330.8								
G5.0	3154.5	3070.5								
G10.0	2615.6	2461.6								
G15.0	1756.6	1536.8								
G20.0	832.7	675.7								
G25.0	291.8	224.9								
G30.0	89.2	73.9								
G35.0	36.5	31.4								
G40.0	18.2	18.2								
G45.0	11.1	9.1								
G50.0	7.1	5.1								
G55.0	2.0	0.0								
G60.0	0.0	0.0								
G65.0	0.0	0.0								
G70.0	0.0	0.0								
G75.0	0.0	0.0								
G80.0	0.0	0.0								
G85.0	0.0	0.0								
G90.0	0.0	0.0								

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

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