中山雅大光电有限公司
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Report No.: 93.04513 Test Time: 2023-09-13 15:53

Luminaire Property

Luminaire Category: Bridgelux V8 4000K CRI90
Voltage: 221.7 V Current: 0.052 A
Power: 10.70 W Power Factor: 0.929

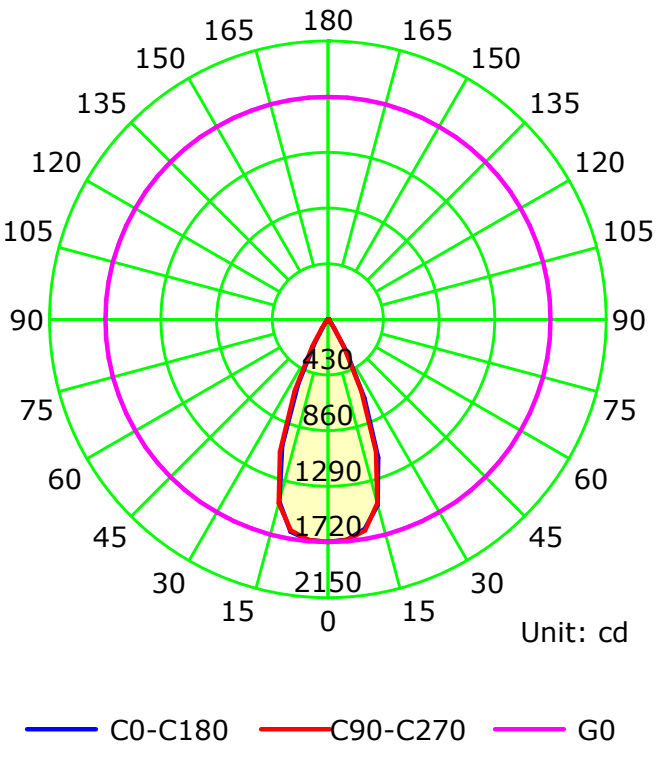
Photometric Results

CIE Class: Direct Total Rated Lamp Lumens: 935.5 lm
Measurement Flux: 935.5 lm Efficiency: 100%
Downward Ratio: 100% Upward Ratio: 0%
Horizontal Diffuse Angle(50%): H44.8
Vertical Diffuse Angle(50%): V44.8
Luminaire Efficacy Rating (LER): 87 Central Intensity: 1719.73 cd
Max. Intensity: 1719.73 cd Pos of Max. Intensity: H0 V0

Picture Of Luminaire

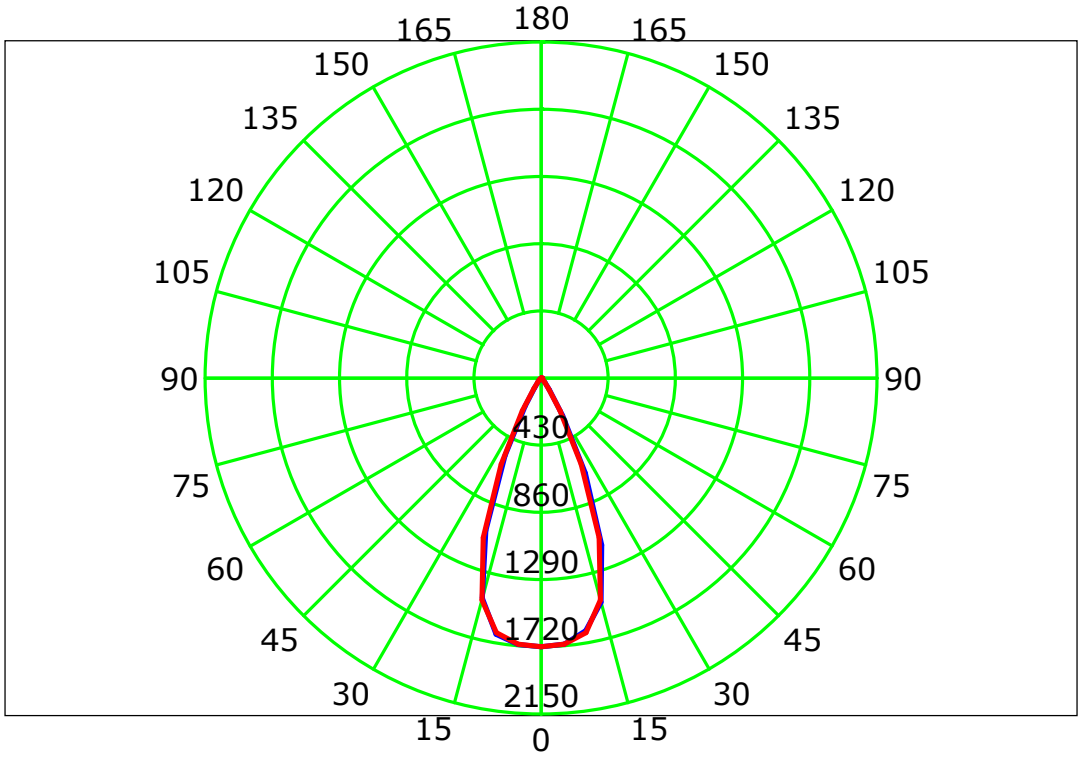


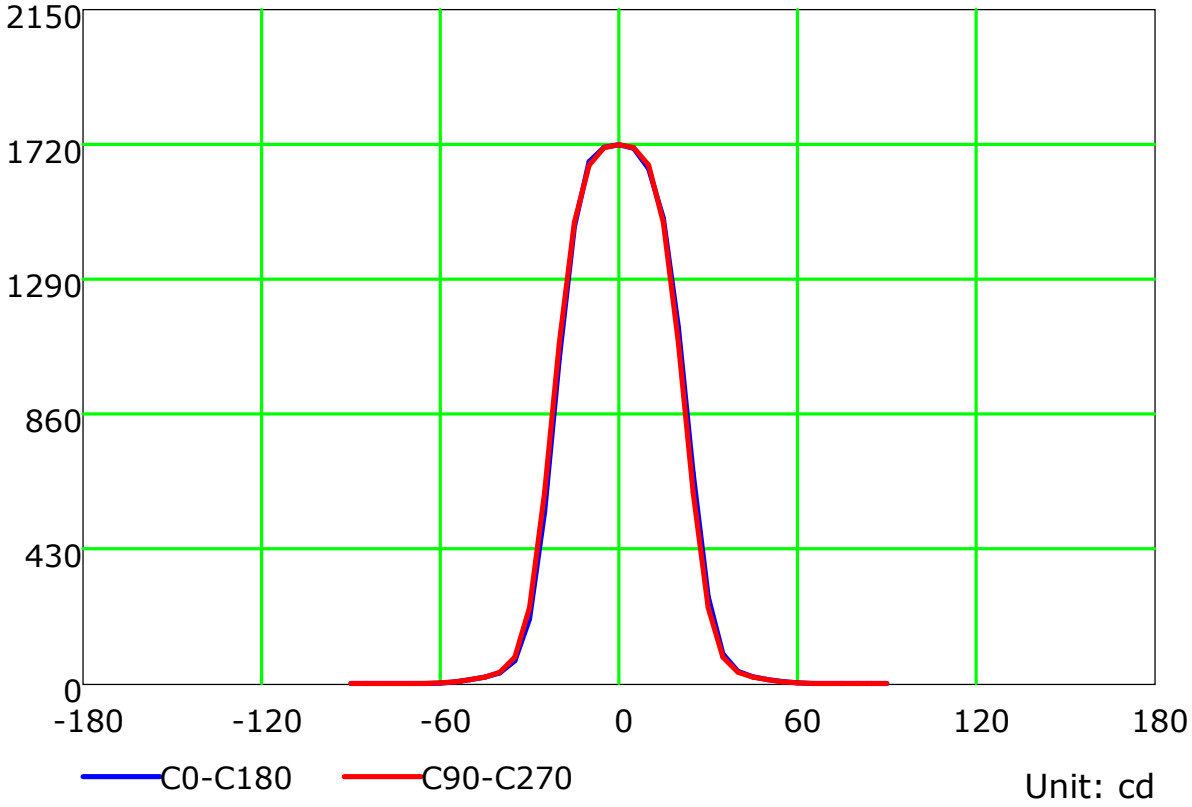
Luminous Intensity Distribution Curve



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

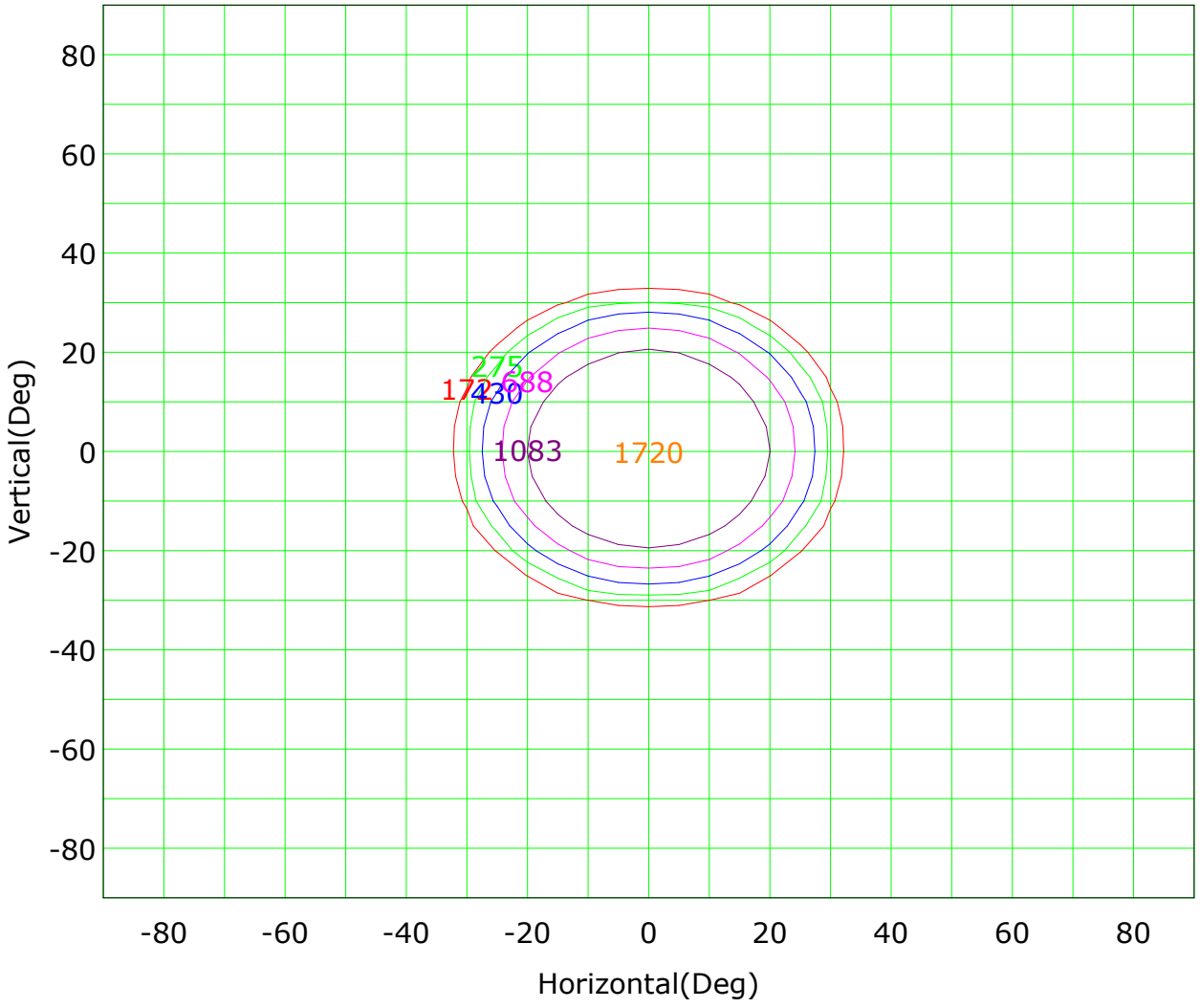




C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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

Isocandela (rectangle)

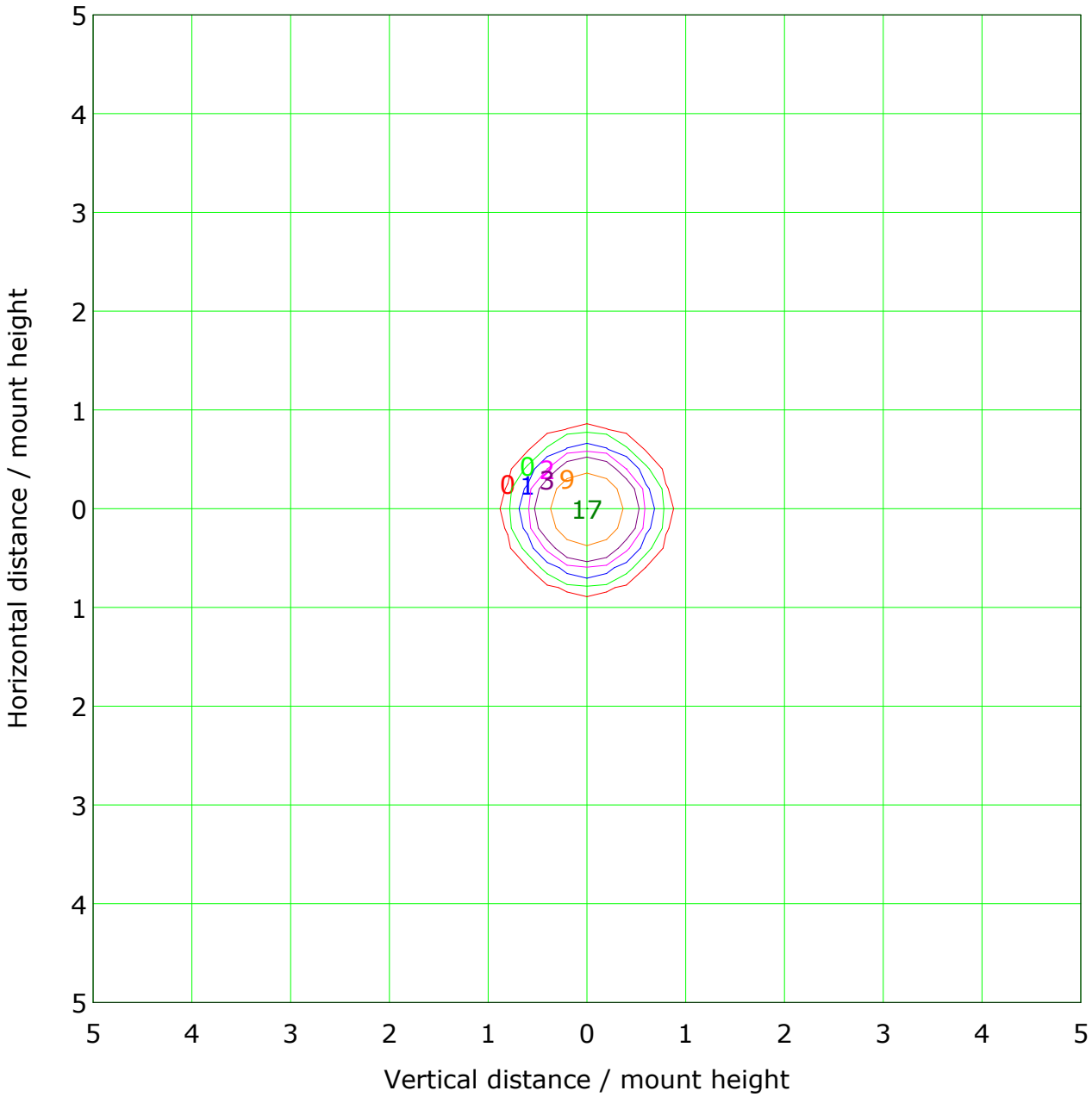


Imax (100%): 1720 cd

(10%): 172 cd
(16%): 275 cd
(25%): 430 cd
(40%): 688 cd
(63%): 1083 cd
(100%): 1720 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



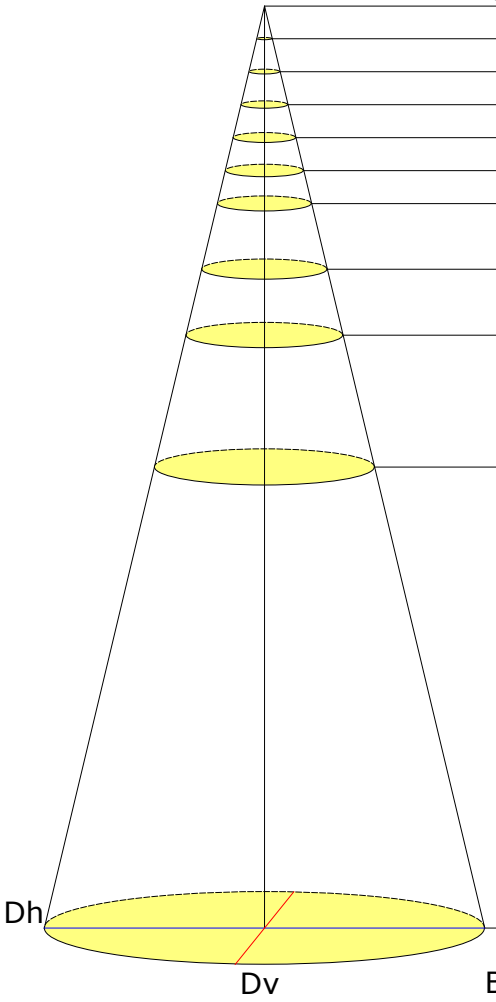
Mounting Height: 10m Max Lux(100%): 17 lx

(1%):	0 lx	(2%):	0 lx
(5%):	1 lx	(10%):	2 lx
(20%):	3 lx	(50%):	9 lx
(100%):	17 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:

Illuminance at a Distance



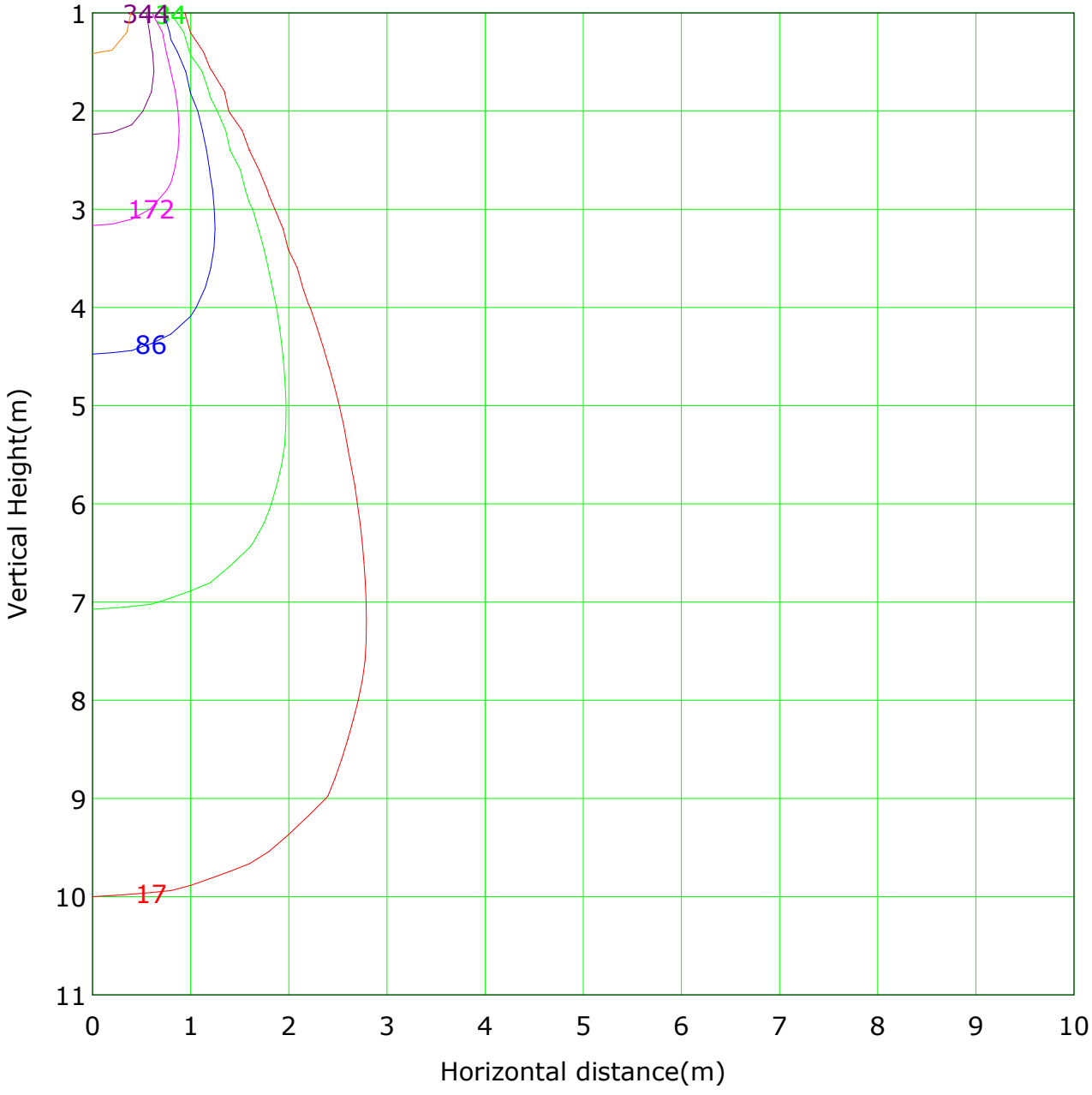
Distance(m)	E(lx)	Dh(m)	Dv(m)	Eav(lx)
0.5	6878.92	0.41	0.41	1765.99
1.0	1719.73	0.82	0.82	441.50
1.5	764.32	1.24	1.24	196.22
2.0	429.93	1.65	1.65	110.37
2.5	275.16	2.06	2.06	70.64
3.0	191.08	2.47	2.47	49.06
4.0	107.48	3.30	3.30	27.59
5.0	68.79	4.12	4.12	17.66
7.0	35.10	5.77	5.77	9.01
14.0	8.77	11.54	11.54	2.25

Beam Angle: H44.8 V44.8 Field Angle: H64.2 V64.2

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



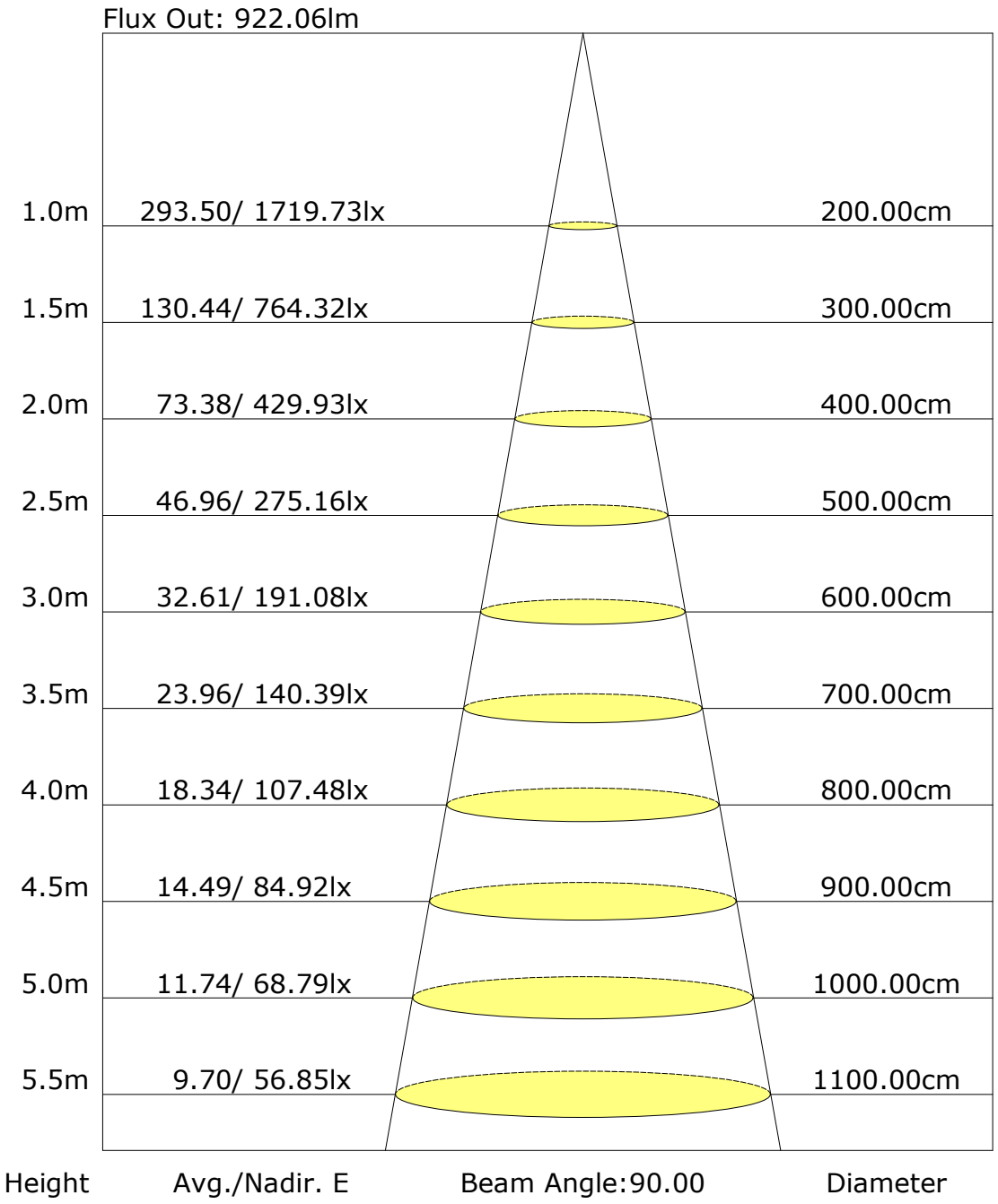
Lowest(m): 1m Highest(m): 11 Max Lux: 1720

(1%): 17 lx	(2%): 34 lx
(5%): 86 lx	(10%): 172 lx
(20%): 344 lx	(50%): 860 lx
(100%): 1720 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:

The average illuminance effective figure



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	1714.7	41.0	41.0	4.38	4.38
5.0-10.0	1681.7	120.3	161.3	12.86	17.24
10.0-15.0	1562.4	185.4	346.7	19.81	37.06
15.0-20.0	1279.1	210.8	557.5	22.54	59.59
20.0-25.0	848.4	178.0	735.5	19.02	78.61
25.0-30.0	426.0	107.8	843.3	11.52	90.14
30.0-35.0	163.0	48.0	891.3	5.13	95.27
35.0-40.0	60.2	20.1	911.4	2.15	97.42
40.0-45.0	28.9	10.7	922.1	1.14	98.56
45.0-50.0	16.9	6.8	928.9	0.73	99.29
50.0-55.0	9.3	4.0	932.9	0.43	99.72
55.0-60.0	4.1	1.9	934.8	0.20	99.92
60.0-65.0	1.3	0.6	935.5	0.07	99.99
65.0-70.0	0.2	0.1	935.5	0.01	100.00
70.0-75.0	0.0	0.0	935.5	0.00	100.00
75.0-80.0	0.0	0.0	935.5	0.00	100.00
80.0-85.0	0.0	0.0	935.5	0.00	100.00
85.0-90.0	0.0	0.0	935.5	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
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Candlepower Table

Unit: cd

G\C	C0.0	C180.0								
G0.0	1719.7	1719.7								
G5.0	1708.3	1710.9								
G10.0	1642.3	1665.3								
G15.0	1484.1	1458.0								
G20.0	1136.1	1038.1								
G25.0	671.3	548.2								
G30.0	277.7	206.7								
G35.0	94.5	73.0								
G40.0	38.9	34.2								
G45.0	21.6	20.7								
G50.0	12.8	12.4								
G55.0	6.4	5.7								
G60.0	2.4	2.0								
G65.0	0.5	0.2								
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: