中山雅大光电有限公司
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Report No.: 93.07311 Test Time: 2023-09-09 15:04

Luminaire Property

Luminaire Category: Bridgelux V13C 3000K CRI90
Voltage: 220.7 V Current: 0.108 A
Power: 23.40 W Power Factor: 0.973

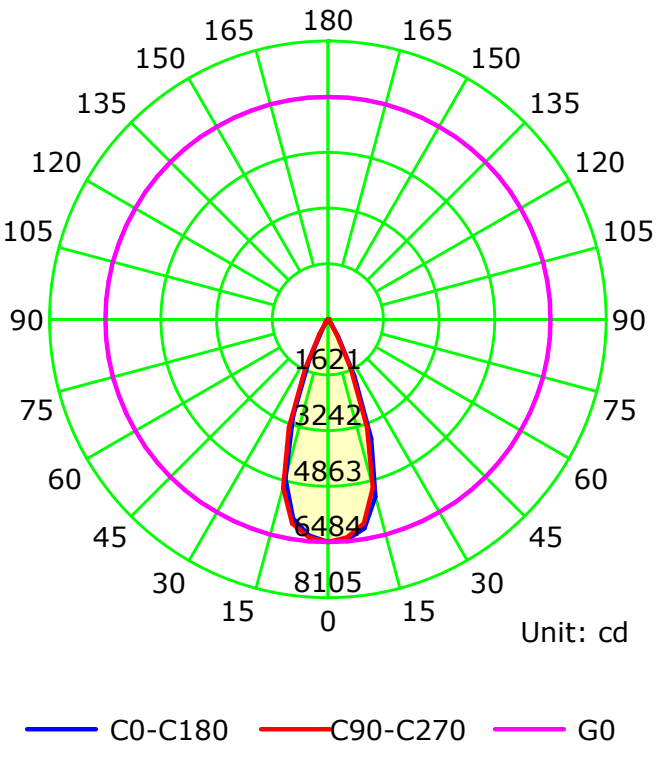
Photometric Results

CIE Class: Direct Total Rated Lamp Lumens: 2963.1 lm
Measurement Flux: 2963.1 lm Efficiency: 100%
Downward Ratio: 100% Upward Ratio: 0%
Horizontal Diffuse Angle(50%): H40.5
Vertical Diffuse Angle(50%): V40.5
Luminaire Efficacy Rating (LER): 127 Central Intensity: 6483.33 cd
Max. Intensity: 6483.34 cd Pos of Max. Intensity: H0 V0

Picture Of Luminaire

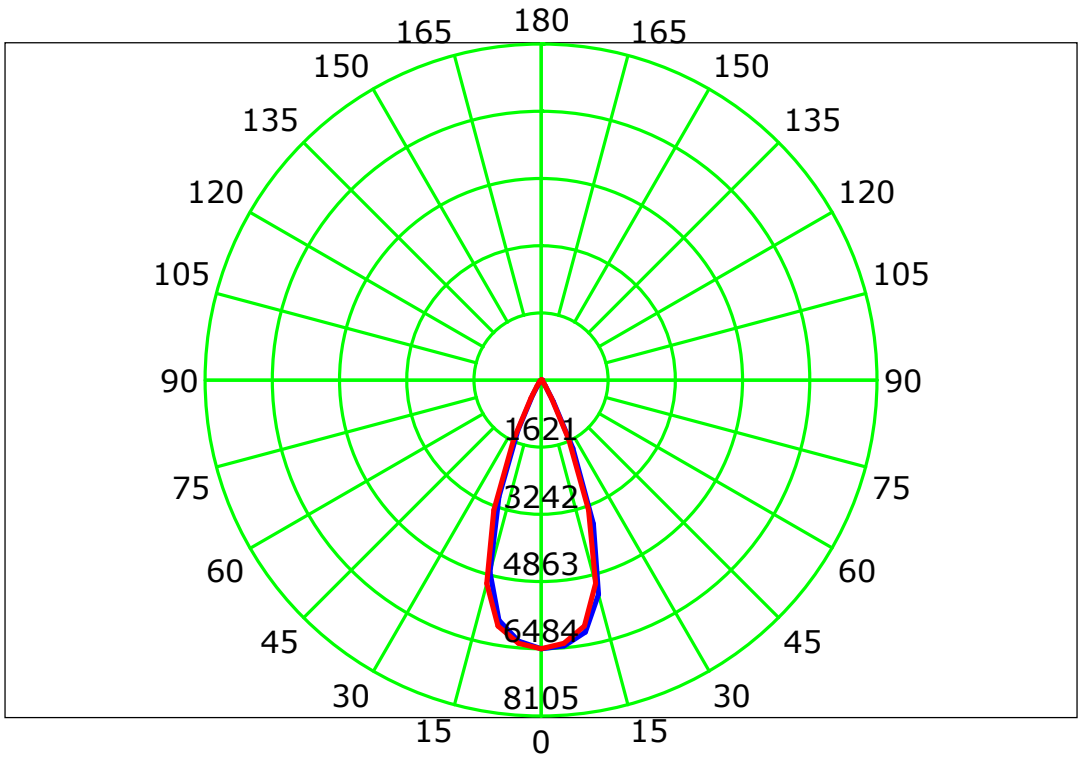


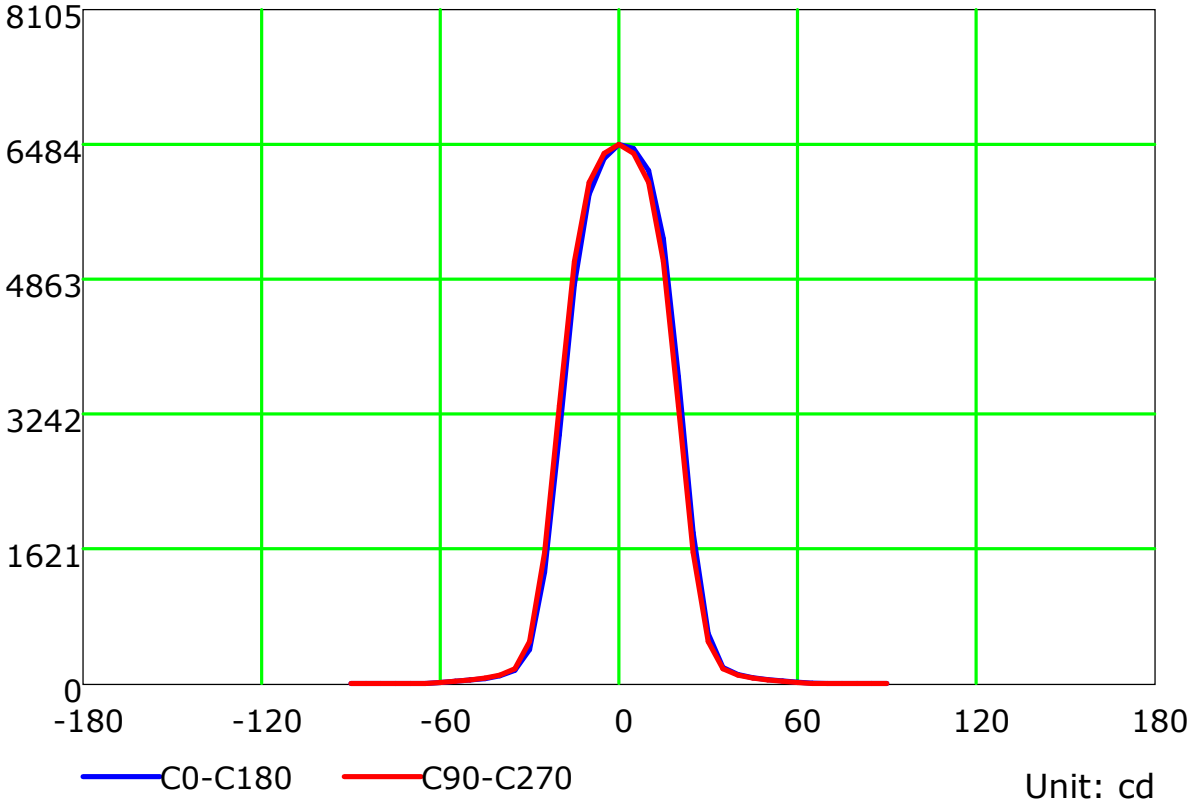
Luminous Intensity Distribution Curve



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

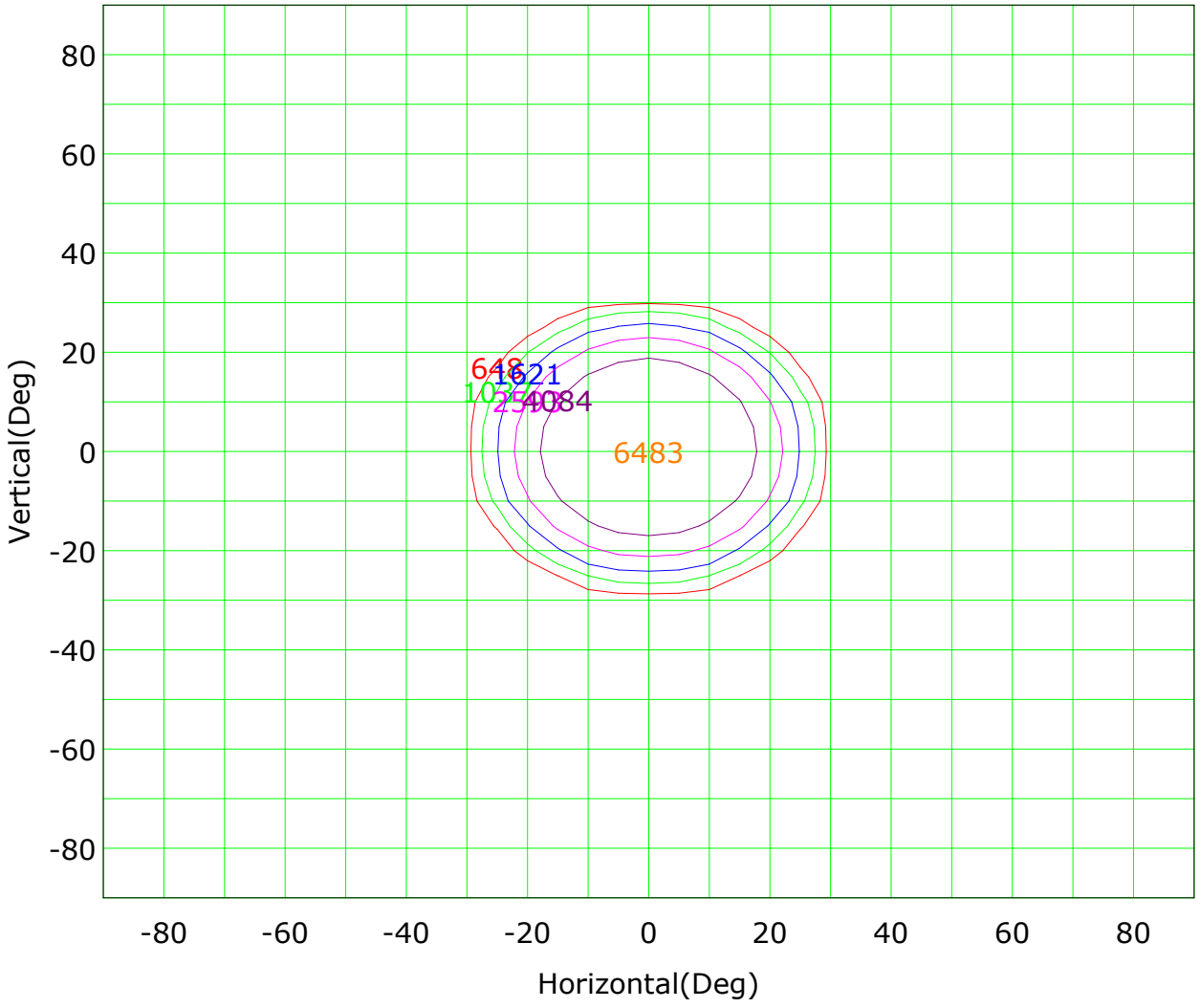




C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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

Isocandela (rectangle)



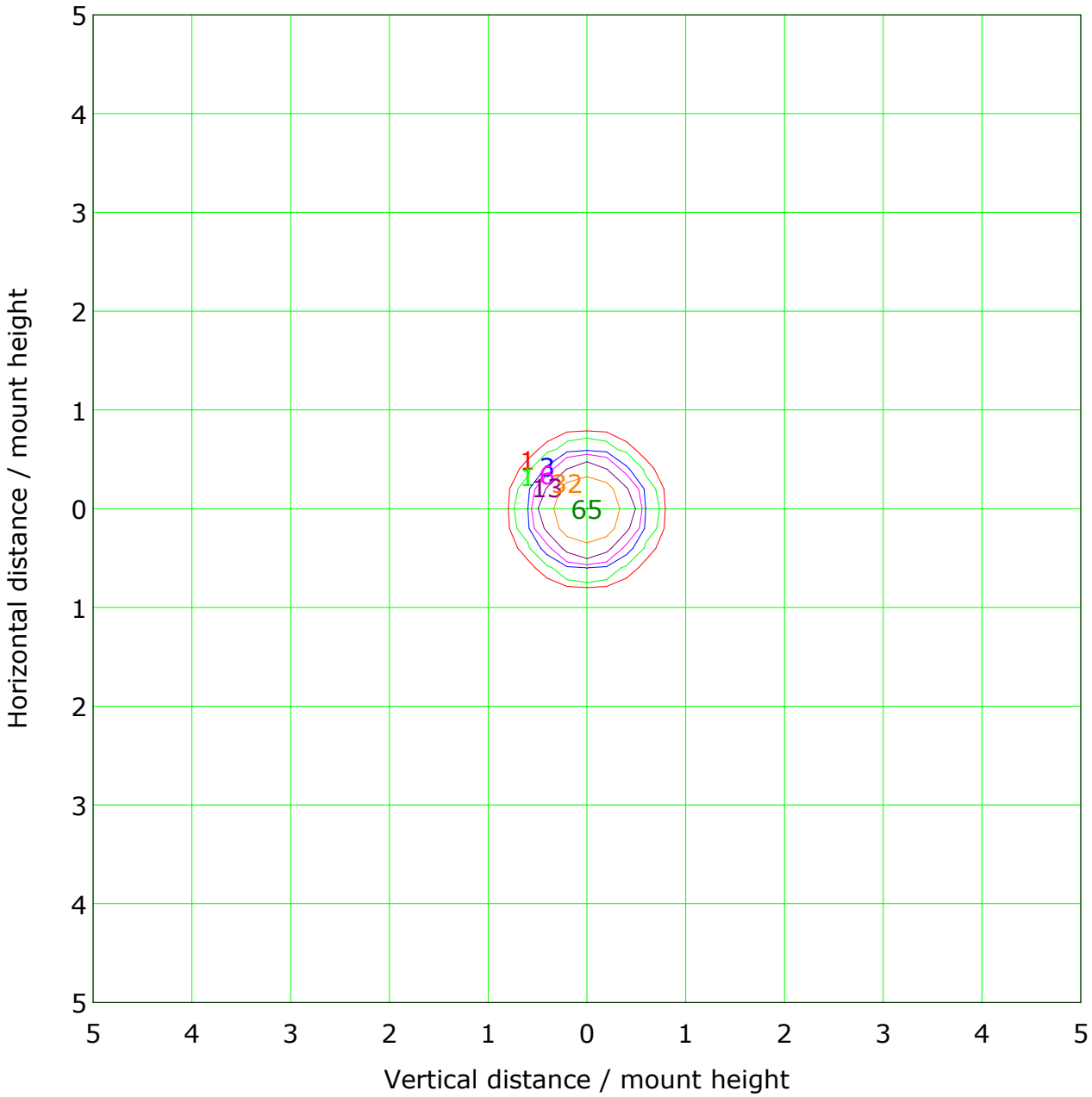
Imax (100%): 6483 cd

(10%): 648 cd
(16%): 1037 cd
(25%): 1621 cd
(40%): 2593 cd
(63%): 4084 cd
(100%): 6483 cd

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:

IsoLux Plot



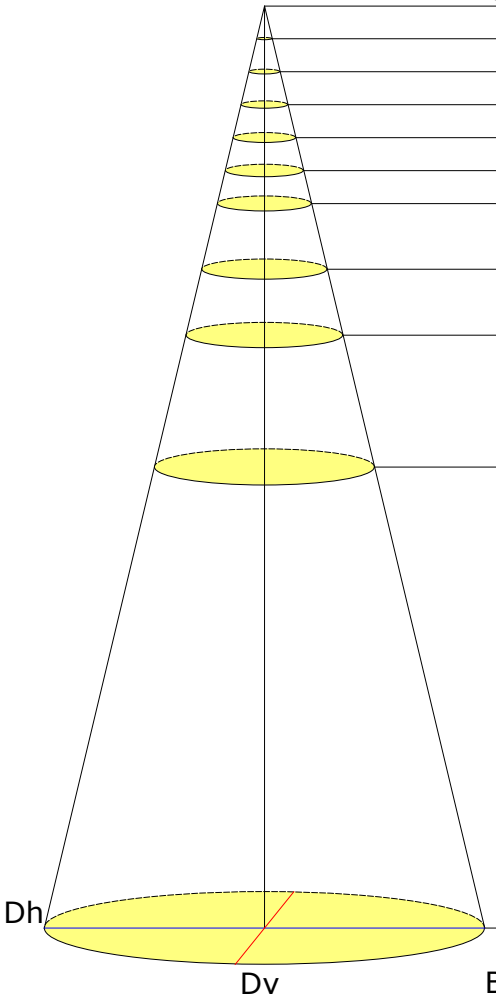
Mounting Height: 10m Max Lux(100%): 65 lx

(1%):	1 lx	(2%):	1 lx
(5%):	3 lx	(10%):	6 lx
(20%):	13 lx	(50%):	32 lx
(100%):	65 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



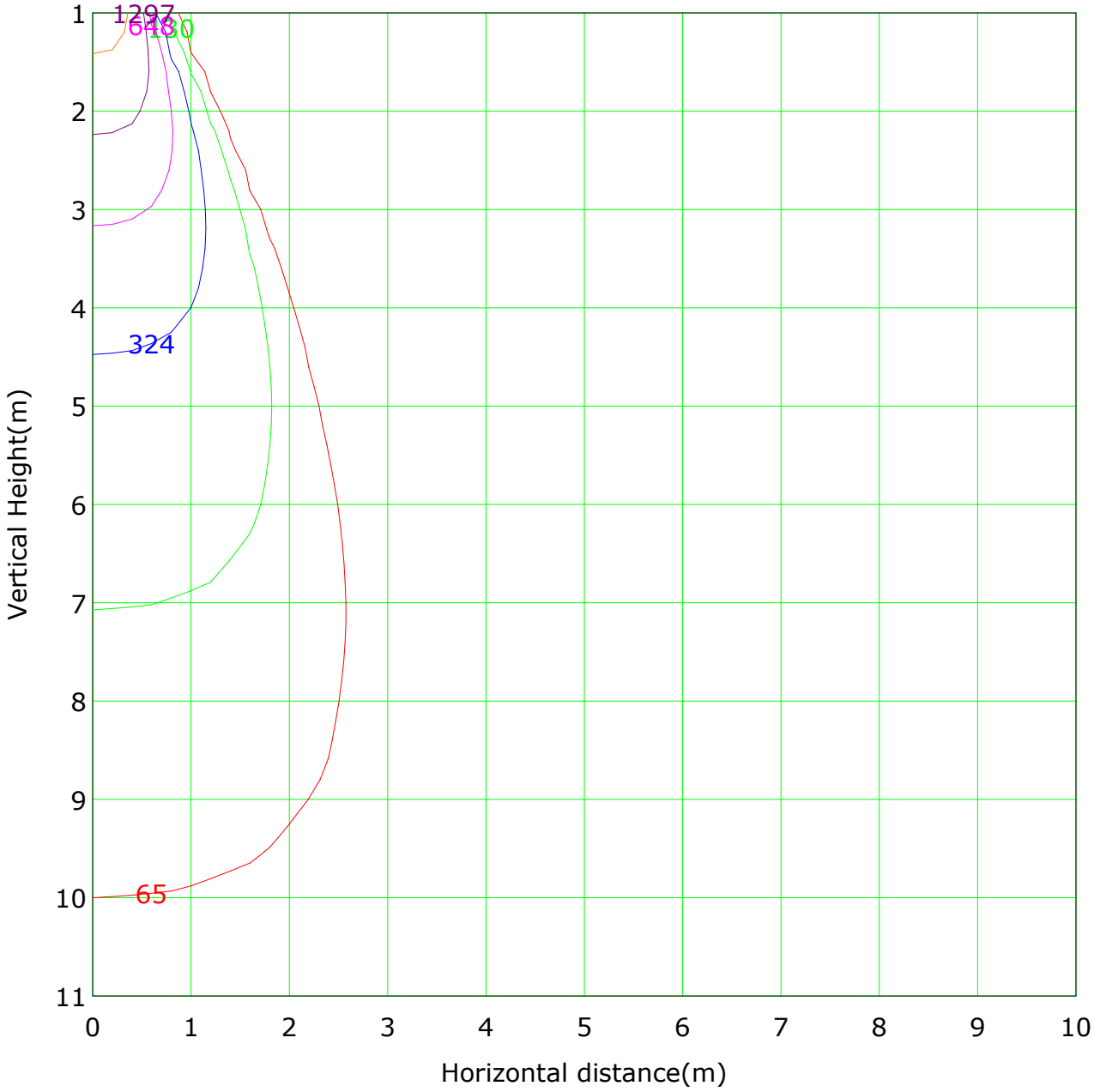
Distance(m)	E(lx)	Dh(m)	Dv(m)	Eav(lx)
0.5	25933.32	0.37	0.37	6056.36
1.0	6483.33	0.74	0.74	1514.09
1.5	2881.48	1.11	1.11	672.93
2.0	1620.83	1.48	1.48	378.52
2.5	1037.33	1.84	1.84	242.25
3.0	720.37	2.21	2.21	168.23
4.0	405.21	2.95	2.95	94.63
5.0	259.33	3.69	3.69	60.56
7.0	132.31	5.17	5.17	30.90
14.0	33.08	10.33	10.33	7.72

Beam Angle: H40.5 V40.5 Field Angle: H58.5 V58.5

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

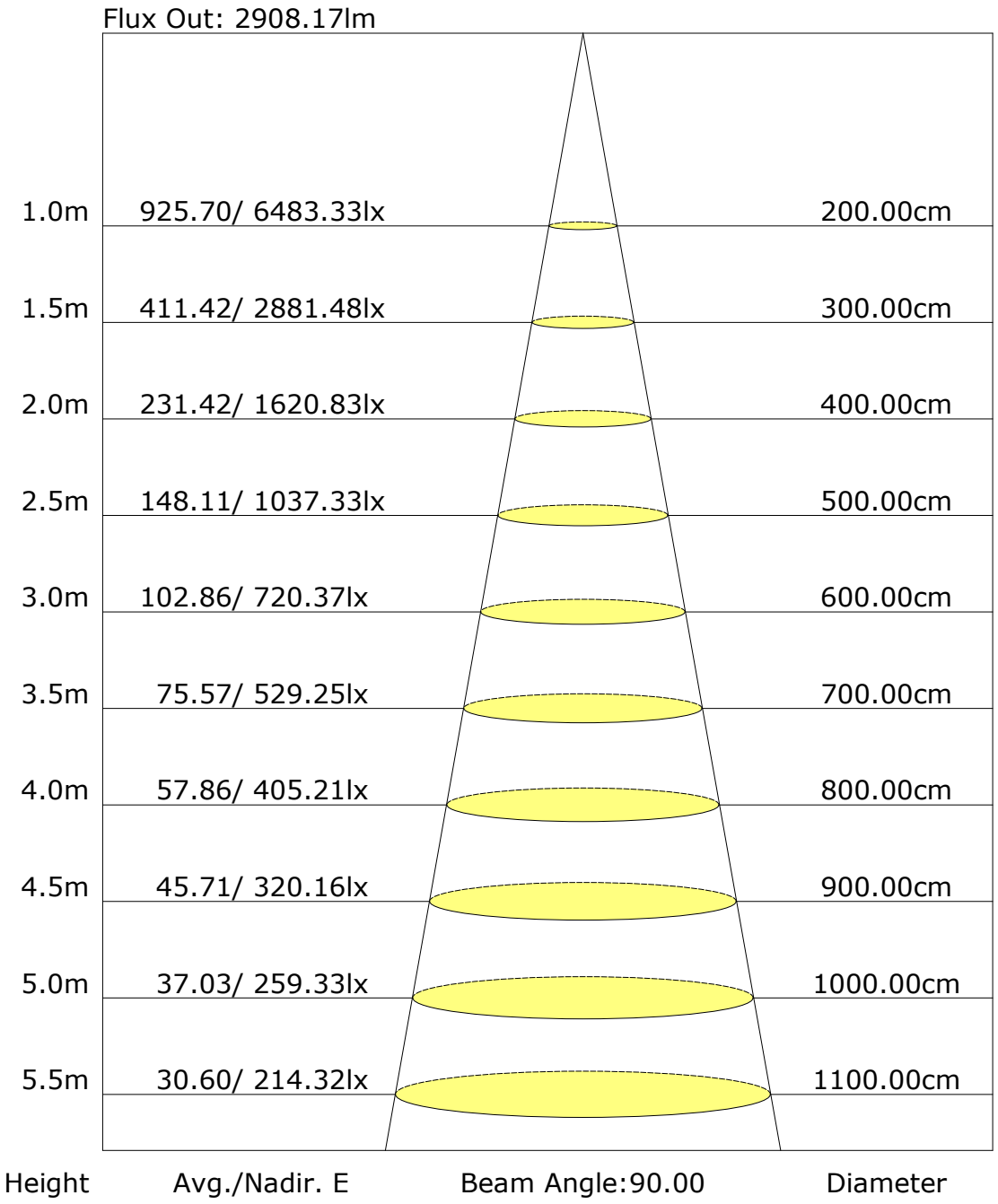


Lowest(m): 1m Highest(m): 11 Max Lux: 6483

(1%): 65 lx
(2%): 130 lx
(5%): 324 lx
(10%): 648 lx
(20%): 1297 lx
(50%): 3242 lx
(100%): 6483 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



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	6429.6	153.7	153.7	5.19	5.19
5.0-10.0	6201.7	443.7	597.4	14.97	20.16
10.0-15.0	5551.4	658.6	1256.0	22.23	42.39
15.0-20.0	4208.3	693.7	1949.7	23.41	65.80
20.0-25.0	2459.9	516.0	2465.7	17.41	83.21
25.0-30.0	1041.6	263.6	2729.3	8.90	92.11
30.0-35.0	341.6	100.6	2829.9	3.40	95.51
35.0-40.0	140.6	46.9	2876.8	1.58	97.09
40.0-45.0	84.6	31.3	2908.2	1.06	98.15
45.0-50.0	56.0	22.6	2930.8	0.76	98.91
50.0-55.0	37.7	16.4	2947.2	0.55	99.46
55.0-60.0	22.5	10.4	2957.6	0.35	99.82
60.0-65.0	9.4	4.6	2962.2	0.15	99.97
65.0-70.0	1.8	0.9	2963.1	0.03	100.00
70.0-75.0	0.0	0.0	2963.1	0.00	100.00
75.0-80.0	0.0	0.0	2963.1	0.00	100.00
80.0-85.0	0.0	0.0	2963.1	0.00	100.00
85.0-90.0	0.0	0.0	2963.1	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
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Candlepower Table

Unit: cd

G\C	C0.0	C180.0								
G0.0	6483.3	6483.3								
G5.0	6434.7	6317.2								
G10.0	6169.3	5885.6								
G15.0	5349.8	4800.7								
G20.0	3691.4	2991.4								
G25.0	1814.3	1342.3								
G30.0	600.7	409.3								
G35.0	195.5	161.1								
G40.0	111.4	94.2								
G45.0	71.9	60.8								
G50.0	48.6	42.5								
G55.0	32.4	27.4								
G60.0	16.2	14.2								
G65.0	5.1	2.0								
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: