中山雅大光电有限公司
www.artdon.cn
Tel:0760-22211890
Fax:0760-22211886

Report No.: 93.09011 Test Time: 2023-09-09 15:47

Luminaire Property

Luminaire Category: Bridgelux V13C 3000K CRI90
Voltage: 218.3 V Current: 0.171 A
Power: 36.10 W Power Factor: 0.958

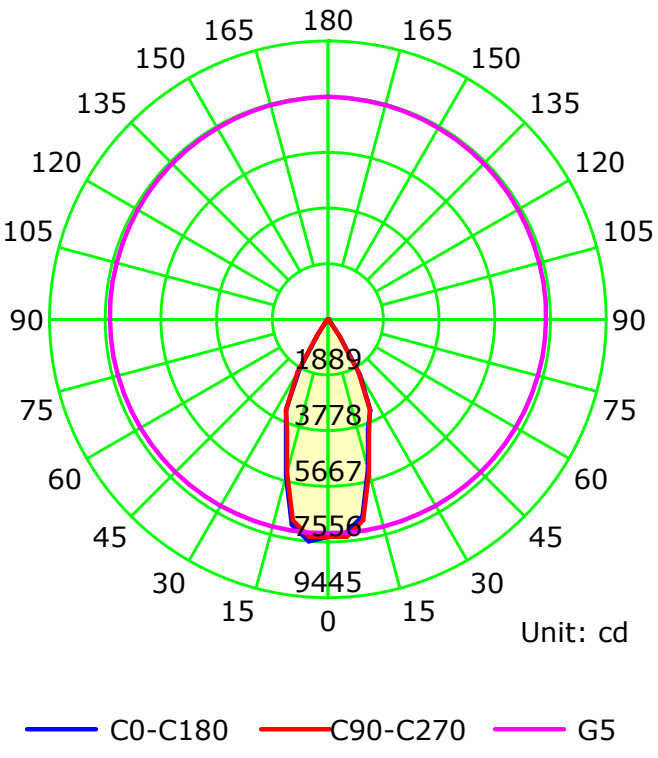
Photometric Results

CIE Class: Direct Total Rated Lamp Lumens: 4347.6 lm
Measurement Flux: 4347.6 lm Efficiency: 100%
Downward Ratio: 100% Upward Ratio: 0%
Horizontal Diffuse Angle(50%): H45
Vertical Diffuse Angle(50%): V45
Luminaire Efficacy Rating (LER): 120 Central Intensity: 7379.85 cd
Max. Intensity: 7556.13 cd Pos of Max. Intensity: H180 V5

Picture Of Luminaire

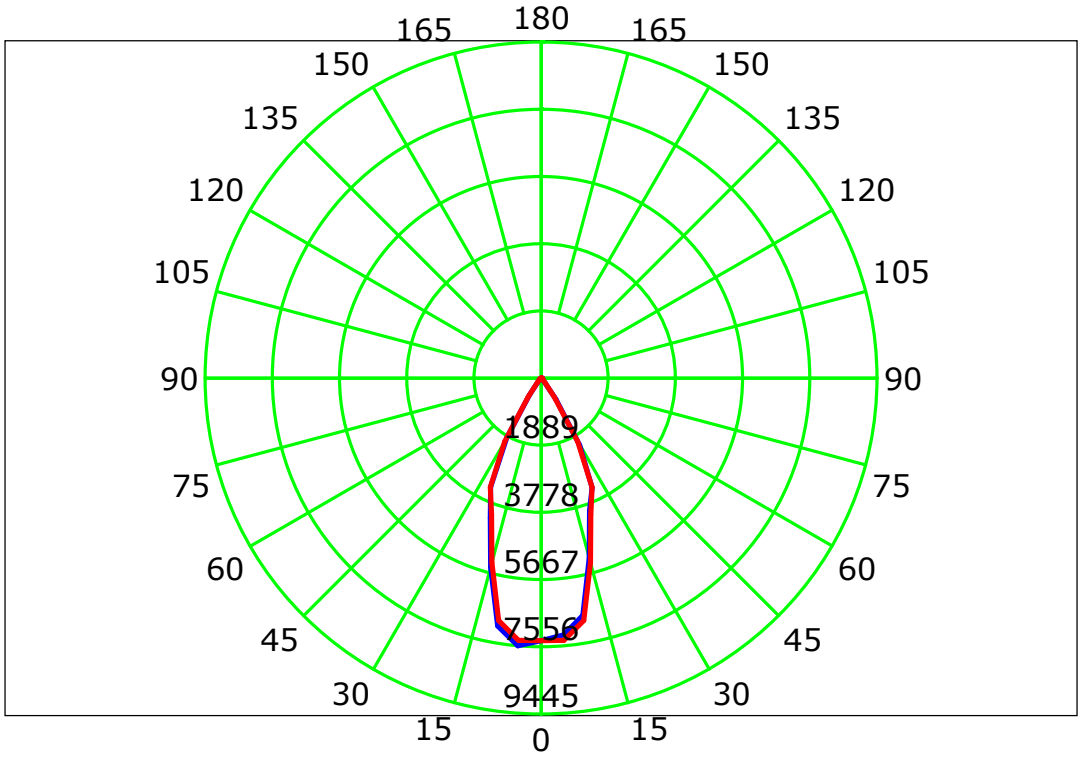


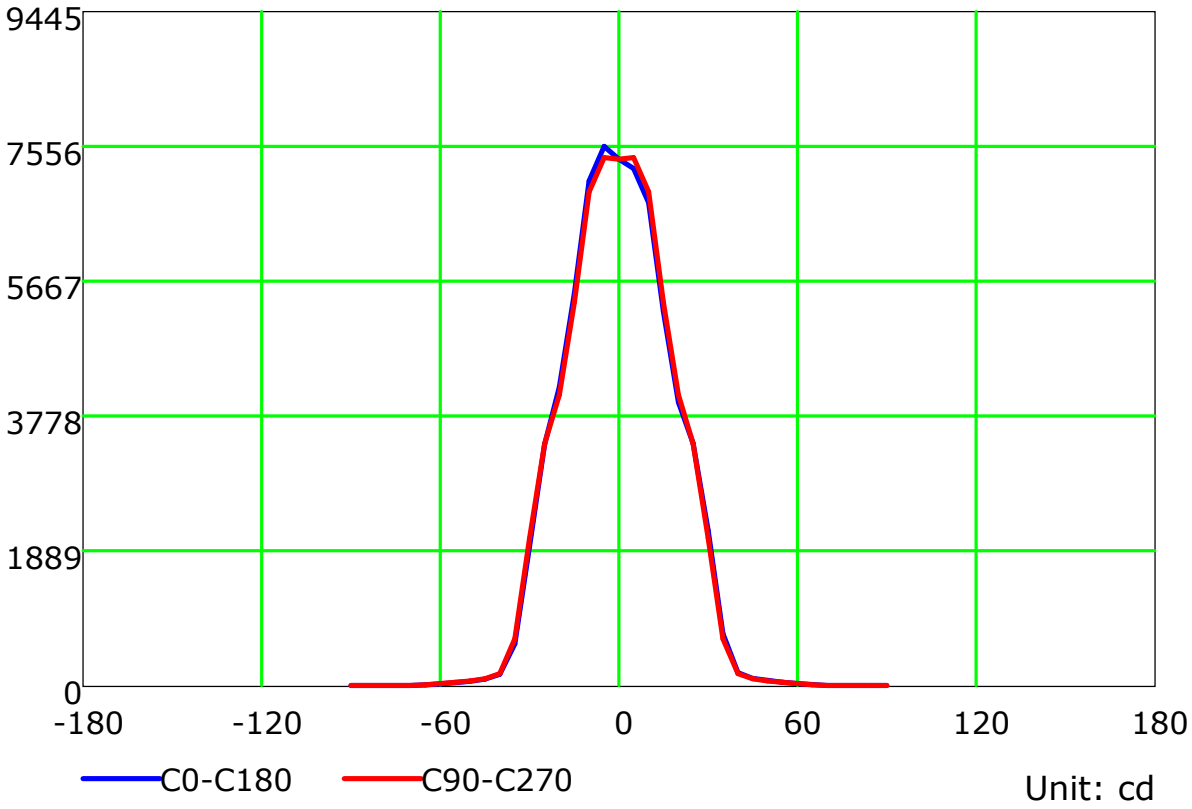
Luminous Intensity Distribution Curve



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

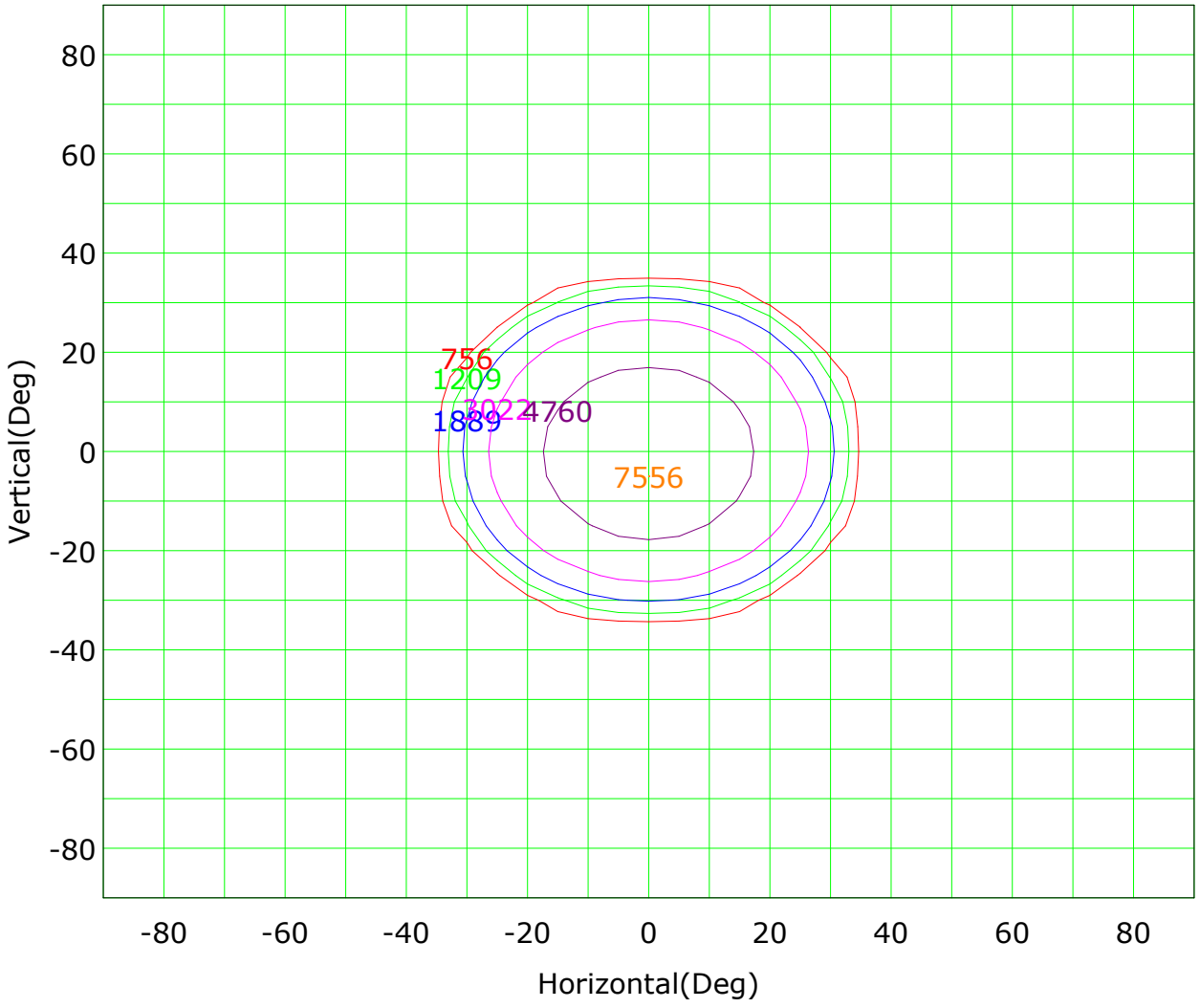




C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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

Isocandela (rectangle)

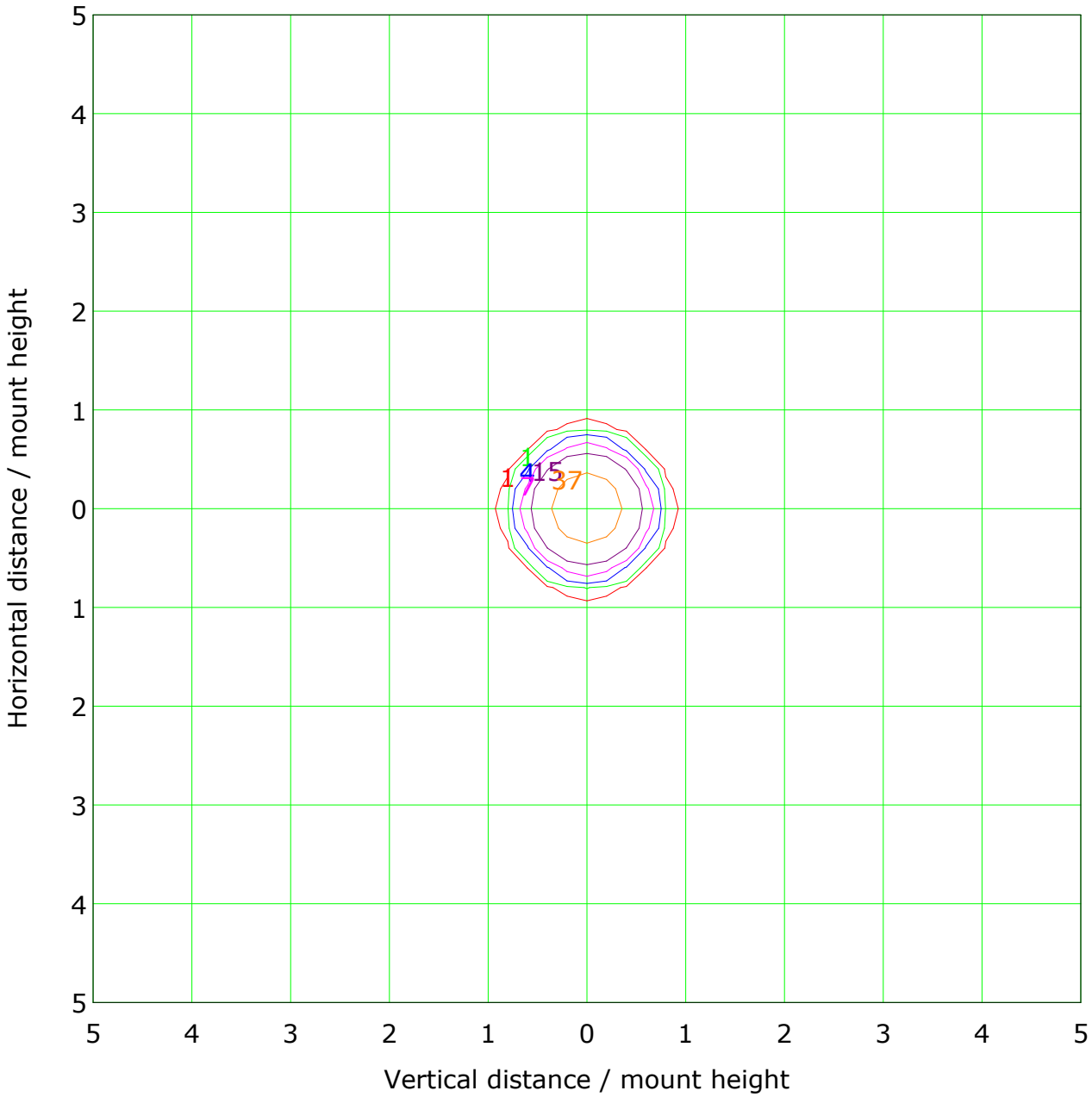


Imax (100%): 7556 cd

(10%): 756 cd
(16%): 1209 cd
(25%): 1889 cd
(40%): 3022 cd
(63%): 4760 cd
(100%): 7556 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



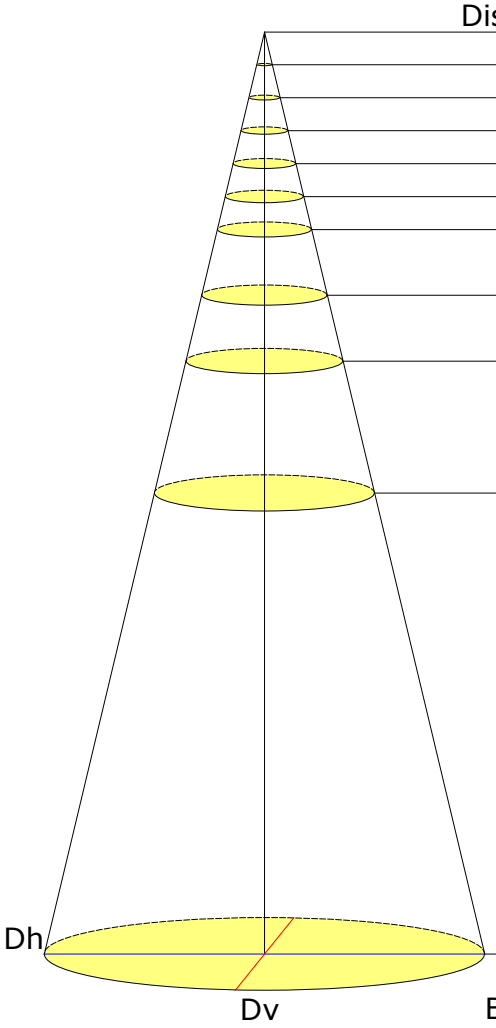
Mounting Height: 10m Max Lux(100%): 75 lx

(1%):	1 lx	(2%):	1 lx
(5%):	4 lx	(10%):	7 lx
(20%):	15 lx	(50%):	37 lx
(100%):	75 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



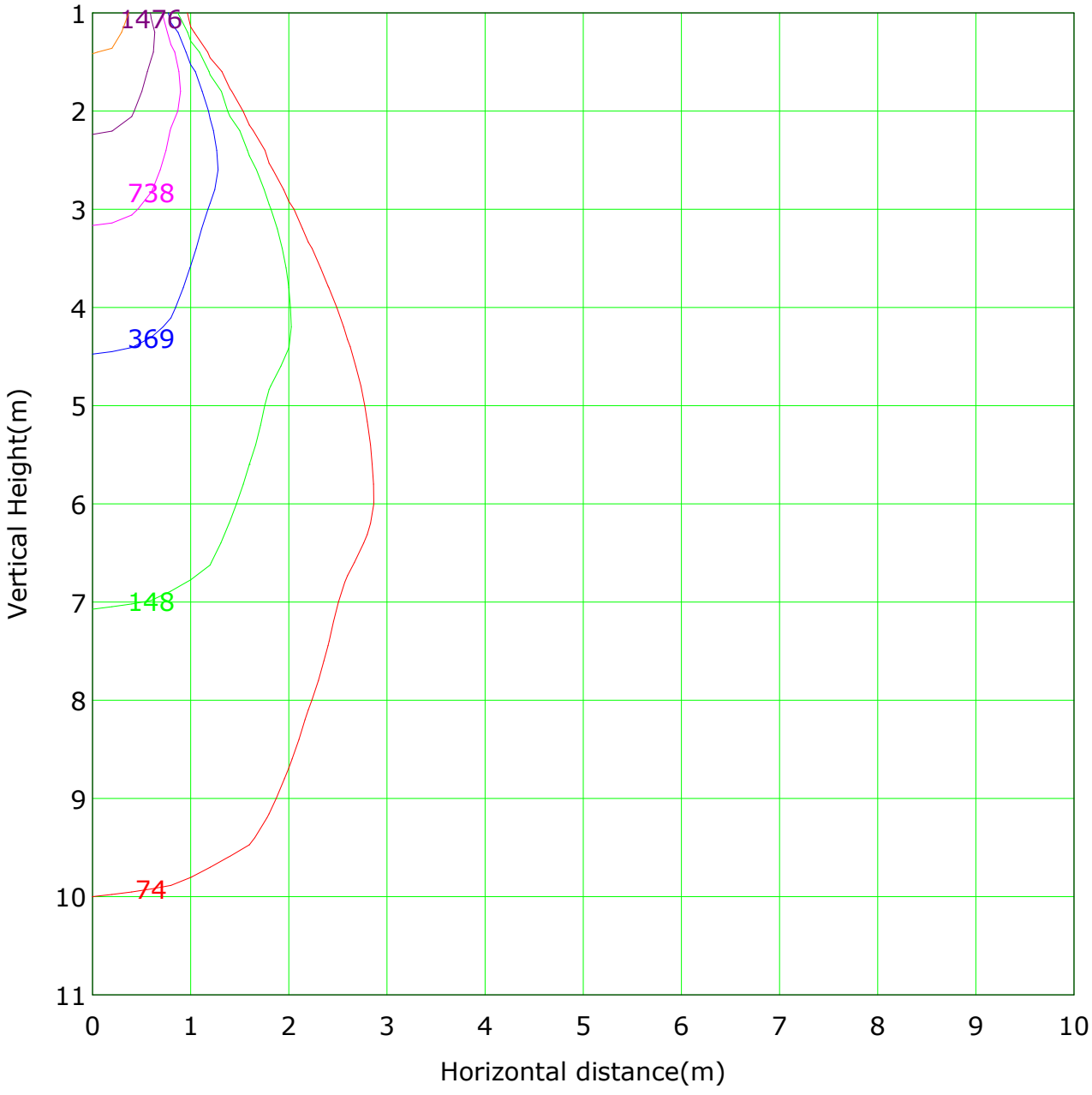
Distance(m)	E(lx)	Dh(m)	Dv(m)	Eav(lx)
0.5	29519.40	0.41	0.41	7362.45
1.0	7379.85	0.83	0.83	1840.61
1.5	3279.93	1.24	1.24	818.05
2.0	1844.96	1.66	1.66	460.15
2.5	1180.78	2.07	2.07	294.50
3.0	819.98	2.48	2.48	204.51
4.0	461.24	3.31	3.31	115.04
5.0	295.19	4.14	4.14	73.62
7.0	150.61	5.79	5.79	37.56
14.0	37.65	11.59	11.59	9.39

Beam Angle: H45.0 V45.0 Field Angle: H69.3 V69.3

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

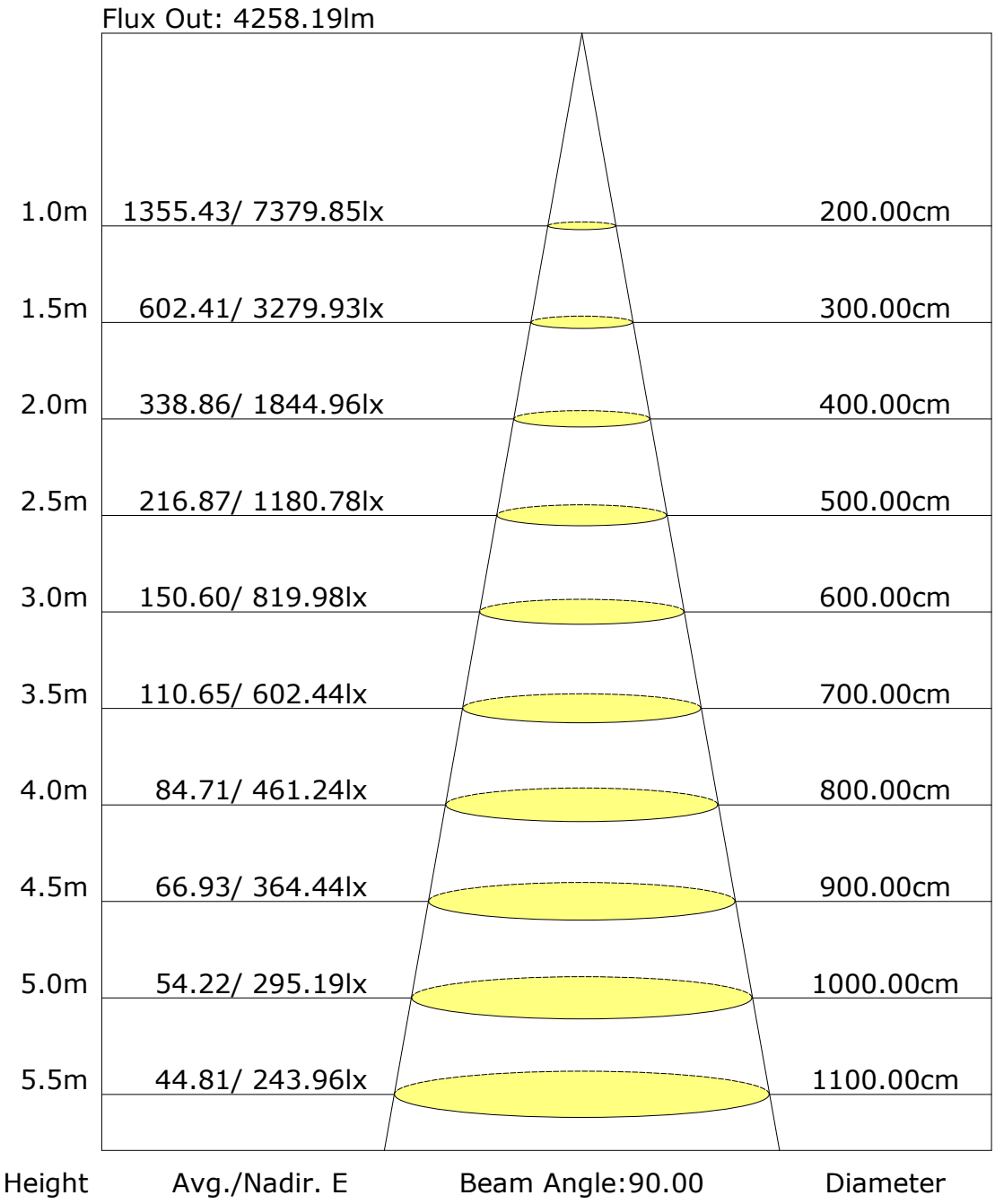


Lowest(m): 1m Highest(m): 11 Max Lux: 7380

(1%): 74 lx
(2%): 148 lx
(5%): 369 lx
(10%): 738 lx
(20%): 1476 lx
(50%): 3690 lx
(100%): 7380 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	7391.5	176.7	176.7	4.06	4.06
5.0-10.0	7162.6	512.5	689.2	11.79	15.85
10.0-15.0	6147.3	729.3	1418.5	16.77	32.63
15.0-20.0	4725.2	778.9	2197.3	17.91	50.54
20.0-25.0	3733.0	783.0	2980.4	18.01	68.55
25.0-30.0	2726.0	690.0	3670.3	15.87	84.42
30.0-35.0	1360.2	400.6	4070.9	9.21	93.64
35.0-40.0	413.3	137.9	4208.9	3.17	96.81
40.0-45.0	133.2	49.3	4258.2	1.13	97.94
45.0-50.0	81.5	33.0	4291.1	0.76	98.70
50.0-55.0	56.5	24.6	4315.7	0.56	99.27
55.0-60.0	37.5	17.3	4333.0	0.40	99.66
60.0-65.0	21.0	10.2	4343.3	0.24	99.90
65.0-70.0	7.6	3.8	4347.1	0.09	99.99
70.0-75.0	1.0	0.5	4347.6	0.01	100.00
75.0-80.0	0.0	0.0	4347.6	0.00	100.00
80.0-85.0	0.0	0.0	4347.6	0.00	100.00
85.0-90.0	0.0	0.0	4347.6	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	7379.9	7379.9								
G5.0	7250.2	7556.1								
G10.0	6769.0	7074.9								
G15.0	5247.4	5497.7								
G20.0	3972.1	4183.8								
G25.0	3394.6	3381.5								
G30.0	2176.0	1952.1								
G35.0	729.4	583.5								
G40.0	180.3	160.1								
G45.0	101.3	91.2								
G50.0	71.9	61.8								
G55.0	48.6	43.6								
G60.0	31.4	26.3								
G65.0	15.2	11.1								
G70.0	3.0	1.0								
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: