

Report No.:52.05523 Intero Recessed

Test Time: 2024-09-30 19:27

Luminaire Property

Luminaire Category:

Luminaire Description:

Current: 0.076 A

Power Factor: 0.547

Voltage: 235.1 V

Power: 10.00 W

Photometric Results

CIE Class: Direct

Measurement Flux: 947.7 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H27.5

Vertical Diffuse Angle(50%): V27.5

Luminaire Efficacy Rating (LER): 95

Max. Intensity: 3153.96 cd

Total Rated Lamp Lumens: 947.7 lm

Efficiency: 100%

Upward Ratio: 0%

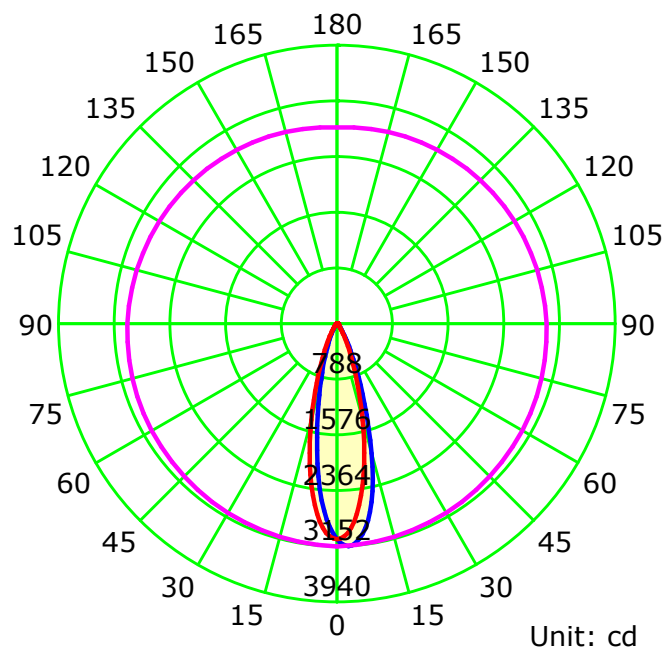
Central Intensity: 3049.05 cd

Pos of Max. Intensity: H0 V3

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270 — G3

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:1.0

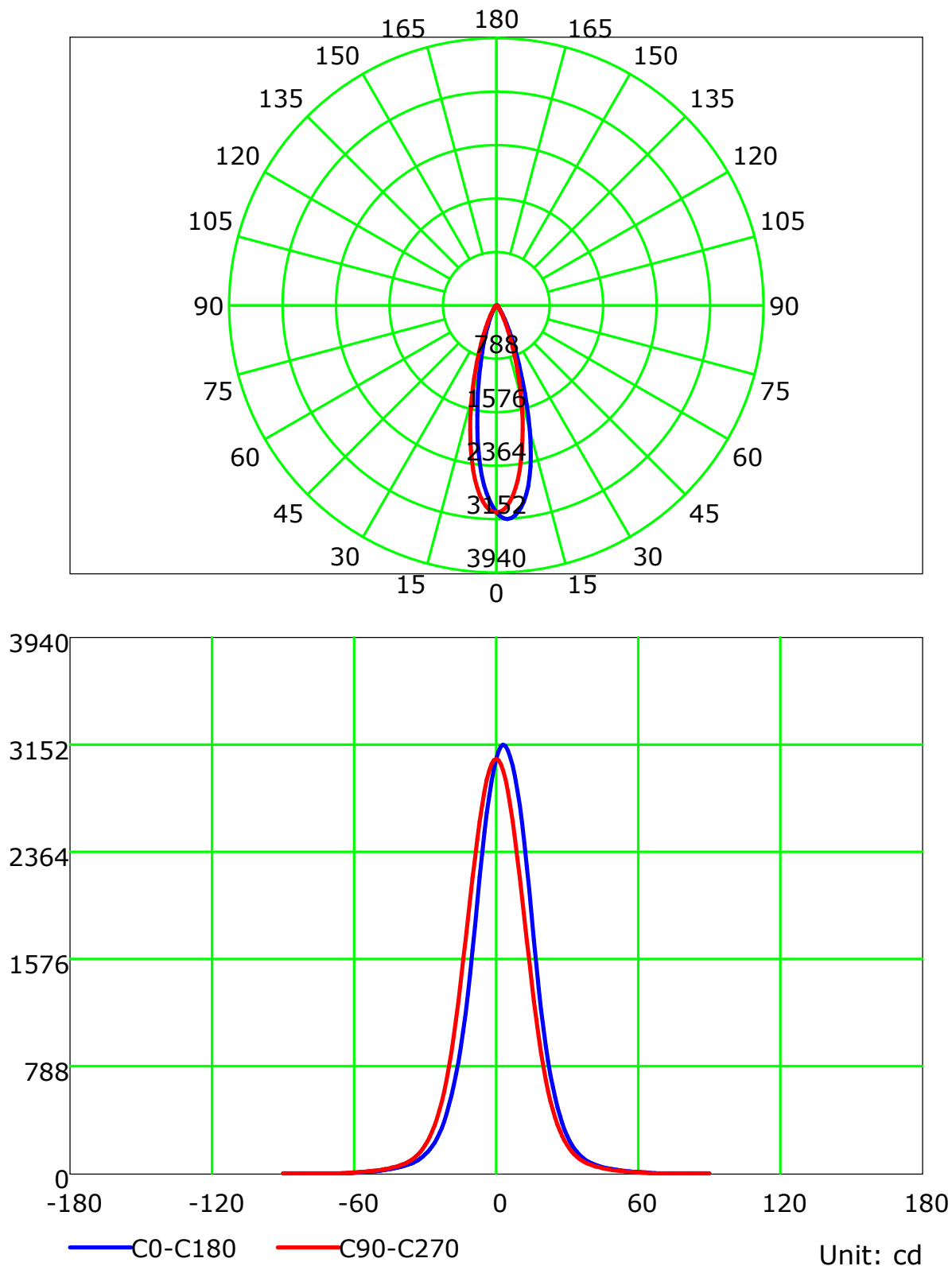
Test Device: CHL-6E

Distance: 3.328 m

Humidity:

Inspector:

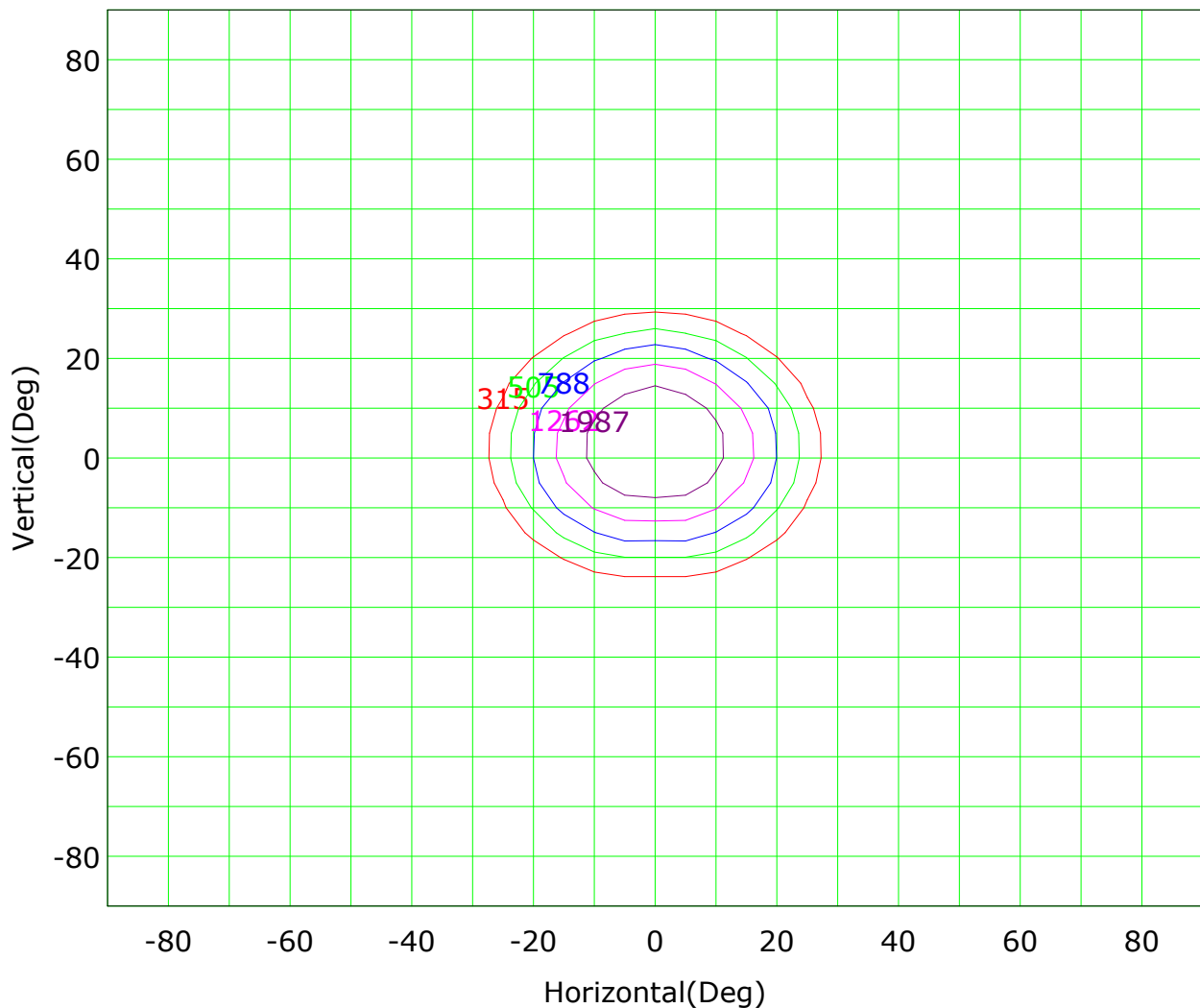
Luminous Intensity Distribution Curve



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: 3.328 m
Humidity:
Inspector:

Isocandela (rectangle)



Imax (100%): 3154 cd

(10%): 315 cd	(16%): 505 cd
(25%): 788 cd	(40%): 1262 cd
(63%): 1987 cd	(100%): 3154 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

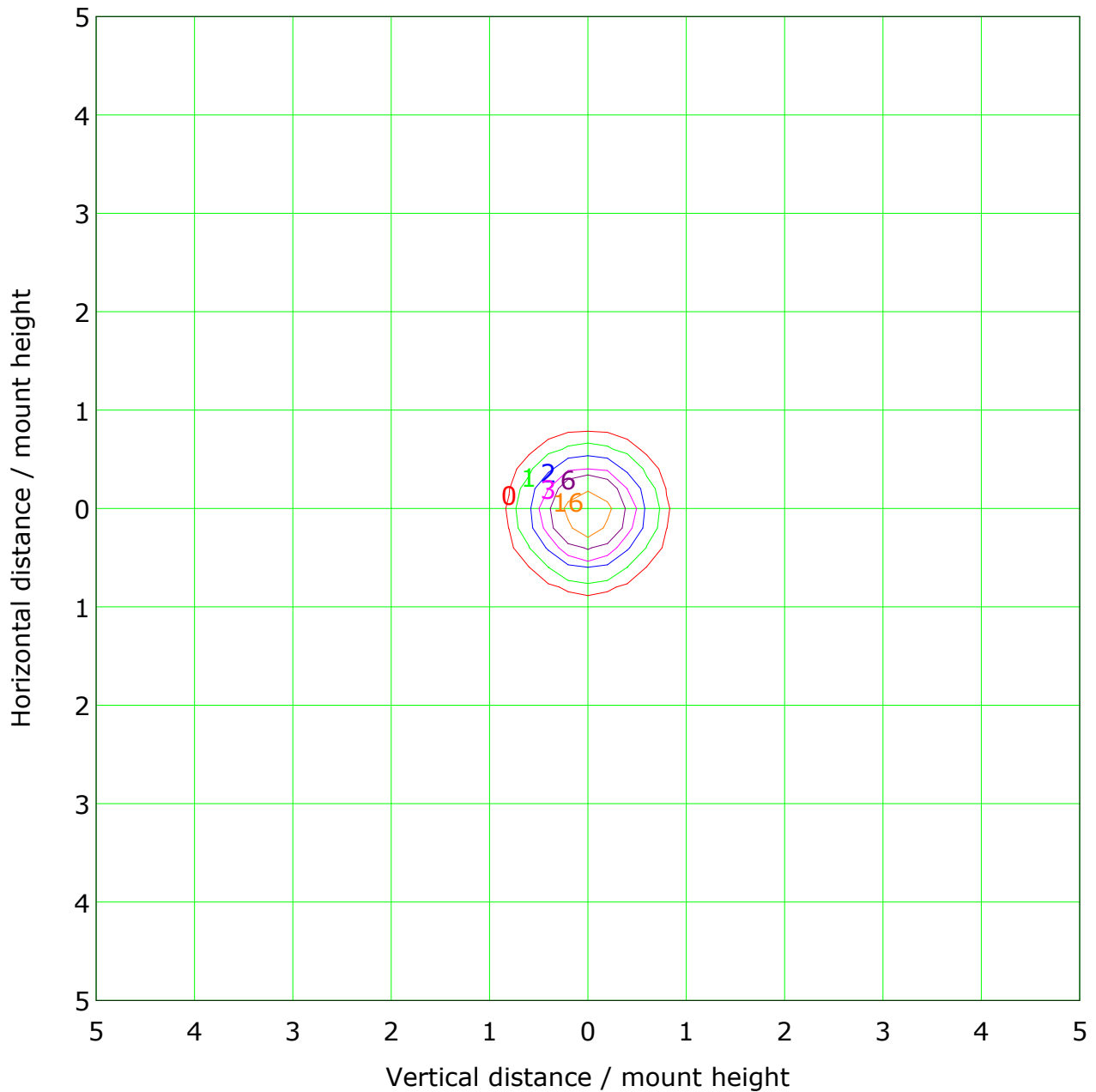
Test Device: CHL-6E

Distance: 3.328 m

Humidity:

Inspector:

IsoLux Plot

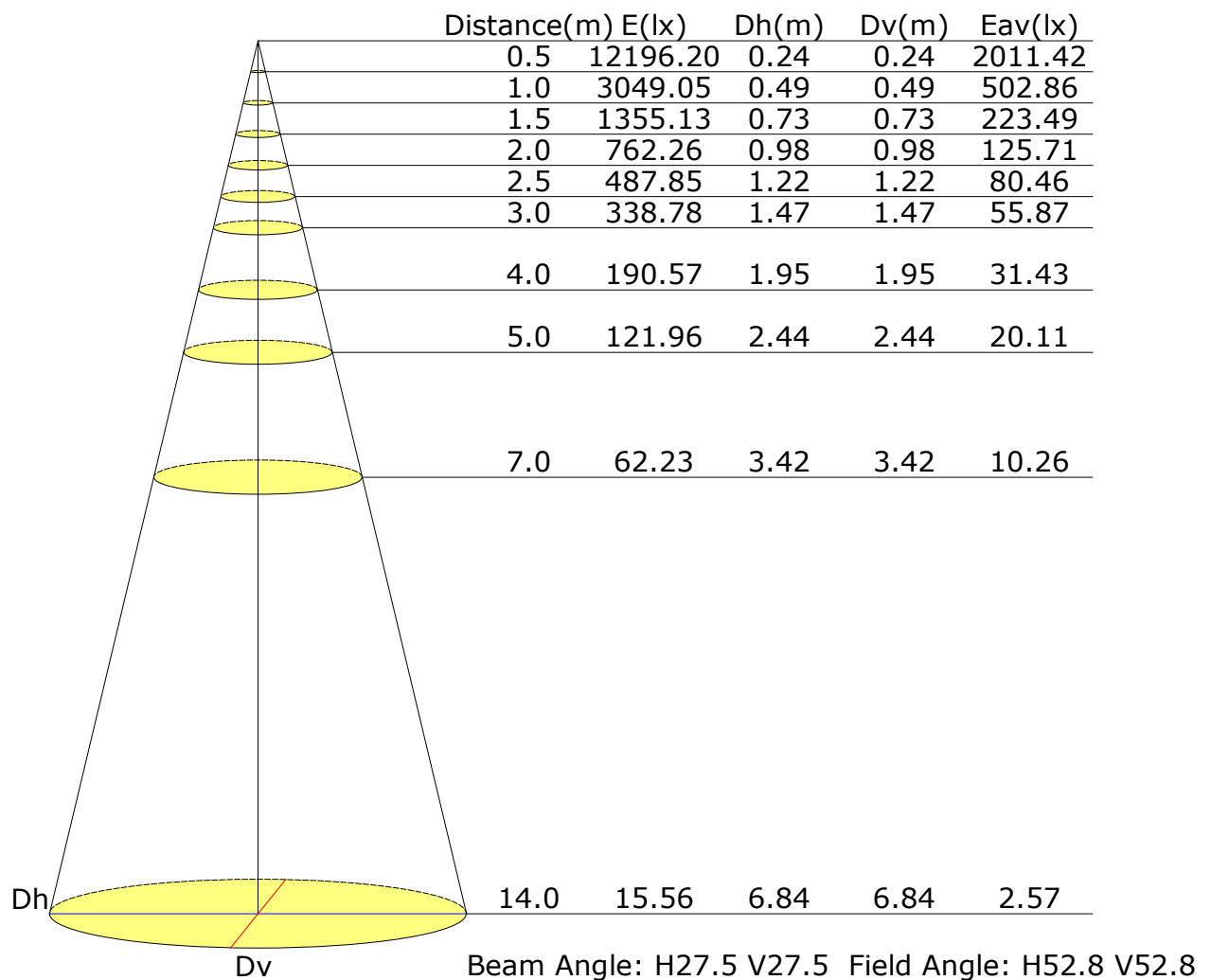


Mounting Height: 10m		Max Lux(100%): 31 lx	
— (1%):	0 lx	— (2%):	1 lx
— (5%):	2 lx	— (10%):	3 lx
— (20%):	6 lx	— (50%):	16 lx
— (100%):	31 lx		

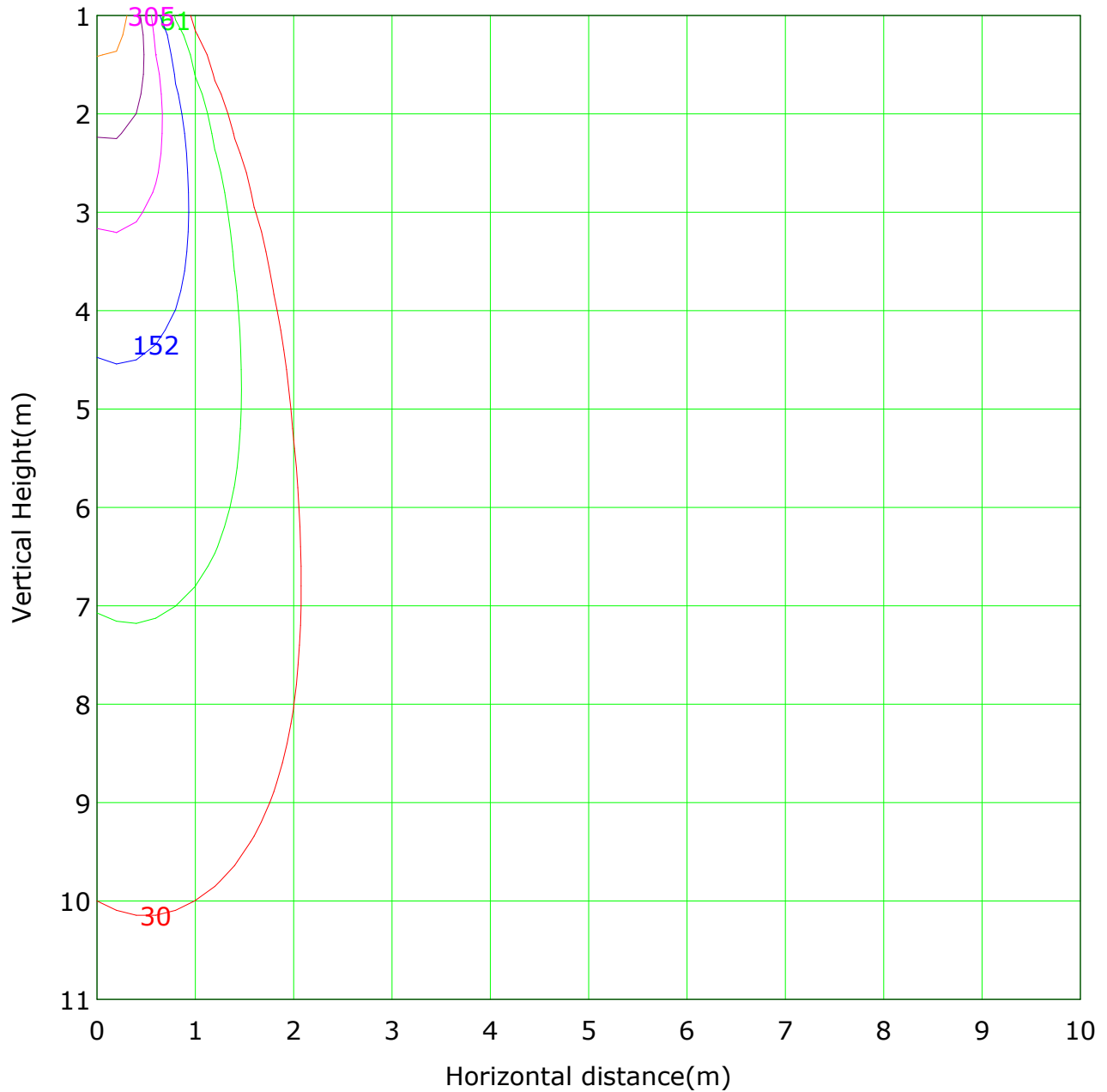
C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.328 m
Humidity:
Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



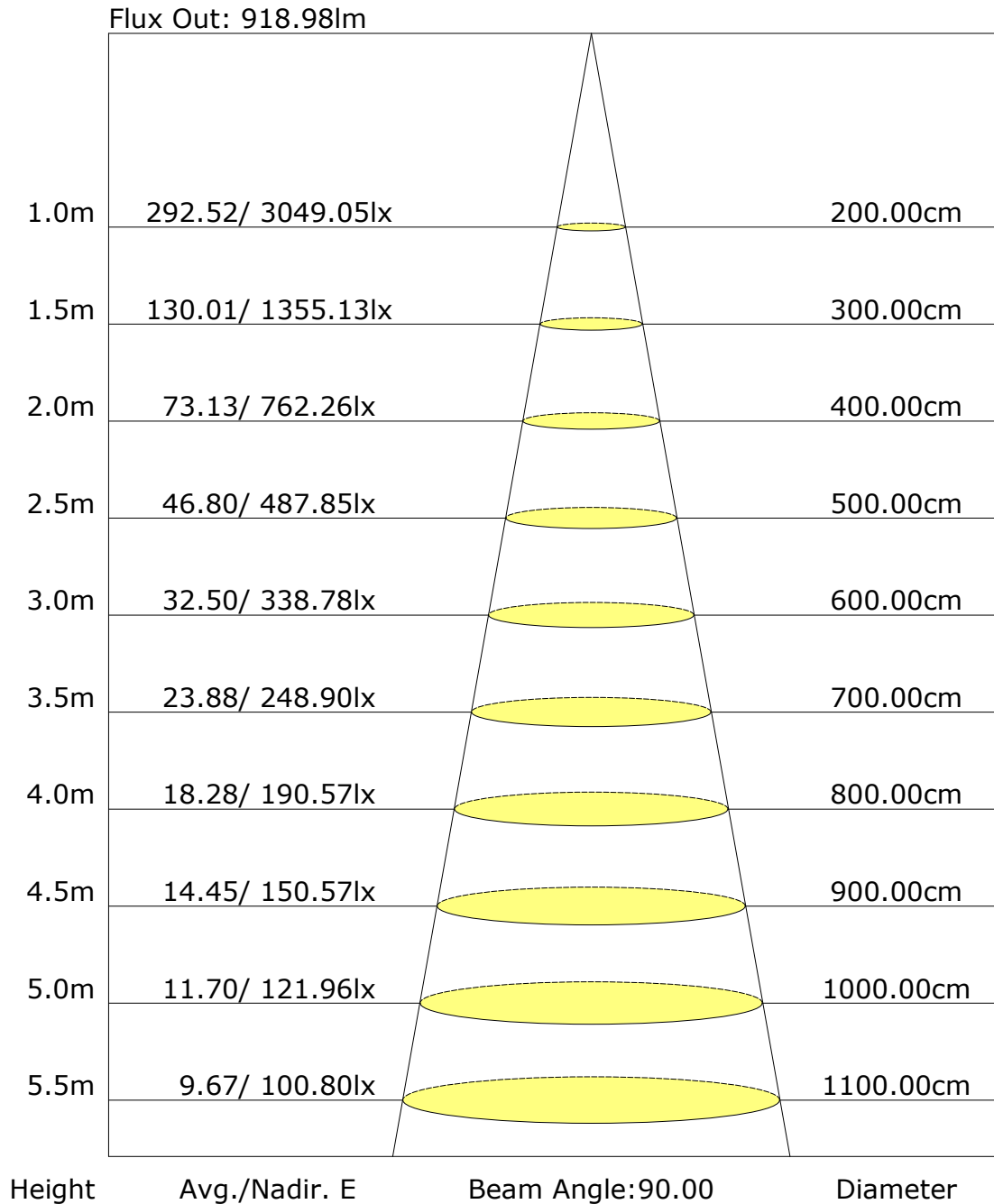
Lowest(m): 1m Highest(m): 11 Max Lux: 3049

(1%): 30 lx	(2%): 61 lx
(5%): 152 lx	(10%): 305 lx
(20%): 610 lx	(50%): 1525 lx
(100%): 3049 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: 3.328 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: 1.0
Test Device: CHL-6E
Distance: 3.328 m
Humidity:
Inspector:

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	3044.7	2.9	2.9	0.31	0.31
1.0-2.0	3026.7	8.7	11.6	0.92	1.22
2.0-3.0	2989.8	14.3	25.9	1.51	2.73
3.0-4.0	2932.2	19.6	45.5	2.07	4.80
4.0-5.0	2854.7	24.6	70.1	2.59	7.40
5.0-6.0	2759.9	29.0	99.1	3.06	10.46
6.0-7.0	2649.1	32.9	132.0	3.47	13.93
7.0-8.0	2524.6	36.1	168.1	3.81	17.74
8.0-9.0	2389.5	38.7	206.9	4.09	21.83
9.0-10.0	2246.8	40.7	247.5	4.29	26.12
10.0-11.0	2098.9	41.9	289.5	4.43	30.54
11.0-12.0	1948.0	42.6	332.1	4.49	35.04
12.0-13.0	1795.6	42.6	374.7	4.50	39.53
13.0-14.0	1642.4	42.0	416.7	4.44	43.97
14.0-15.0	1490.5	40.9	457.6	4.32	48.29
15.0-16.0	1341.9	39.3	497.0	4.15	52.44
16.0-17.0	1199.5	37.4	534.3	3.94	56.38
17.0-18.0	1067.3	35.2	569.5	3.71	60.09
18.0-19.0	946.4	32.9	602.5	3.47	63.57
19.0-20.0	835.6	30.6	633.0	3.23	66.80
20.0-21.0	734.8	28.2	661.3	2.98	69.77
21.0-22.0	645.3	25.9	687.2	2.74	72.51
22.0-23.0	566.9	23.8	711.0	2.51	75.02
23.0-24.0	498.1	21.8	732.8	2.30	77.32
24.0-25.0	437.0	19.9	752.6	2.10	79.42
25.0-26.0	382.4	18.1	770.7	1.91	81.32
26.0-27.0	334.4	16.4	787.1	1.73	83.05
27.0-28.0	292.5	14.8	801.9	1.56	84.61
28.0-29.0	255.7	13.4	815.2	1.41	86.02
29.0-30.0	223.5	12.1	827.3	1.27	87.30
30.0-31.0	195.7	10.9	838.2	1.15	88.44
31.0-32.0	171.7	9.8	848.0	1.04	89.48
32.0-33.0	151.1	8.9	856.9	0.94	90.42
33.0-34.0	133.2	8.1	865.0	0.85	91.27
34.0-35.0	117.7	7.3	872.3	0.77	92.04
35.0-36.0	104.4	6.6	879.0	0.70	92.75

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: 3.328 m
Humidity:
Inspector:

Zonal Lumen (Continue 1)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	93.0	6.1	885.0	0.64	93.39
37.0-38.0	83.2	5.6	890.6	0.59	93.97
38.0-39.0	74.6	5.1	895.7	0.54	94.51
39.0-40.0	67.1	4.7	900.4	0.49	95.00
40.0-41.0	60.7	4.3	904.7	0.46	95.46
41.0-42.0	55.0	4.0	908.7	0.42	95.88
42.0-43.0	50.0	3.7	912.4	0.39	96.27
43.0-44.0	45.4	3.4	915.8	0.36	96.63
44.0-45.0	41.2	3.2	919.0	0.33	96.97
45.0-46.0	37.4	2.9	921.9	0.31	97.28
46.0-47.0	33.9	2.7	924.6	0.28	97.56
47.0-48.0	30.7	2.5	927.1	0.26	97.82
48.0-49.0	27.7	2.3	929.4	0.24	98.06
49.0-50.0	24.9	2.1	931.4	0.22	98.28
50.0-51.0	22.6	1.9	933.3	0.20	98.48
51.0-52.0	20.5	1.8	935.1	0.19	98.67
52.0-53.0	18.7	1.6	936.7	0.17	98.84
53.0-54.0	16.9	1.5	938.2	0.16	99.00
54.0-55.0	15.2	1.4	939.6	0.14	99.14
55.0-56.0	13.8	1.2	940.8	0.13	99.27
56.0-57.0	12.5	1.1	942.0	0.12	99.39
57.0-58.0	11.3	1.0	943.0	0.11	99.50
58.0-59.0	10.0	0.9	943.9	0.10	99.60
59.0-60.0	8.6	0.8	944.8	0.09	99.69
60.0-61.0	7.2	0.7	945.5	0.07	99.76
61.0-62.0	6.0	0.6	946.0	0.06	99.82
62.0-63.0	5.0	0.5	946.5	0.05	99.87
63.0-64.0	4.0	0.4	946.9	0.04	99.91
64.0-65.0	2.9	0.3	947.2	0.03	99.94
65.0-66.0	2.0	0.2	947.4	0.02	99.97
66.0-67.0	1.4	0.1	947.5	0.01	99.98
67.0-68.0	0.9	0.1	947.6	0.01	99.99
68.0-69.0	0.6	0.1	947.7	0.01	100.00
69.0-70.0	0.2	0.0	947.7	0.00	100.00
70.0-71.0	0.1	0.0	947.7	0.00	100.00
71.0-72.0	0.0	0.0	947.7	0.00	100.00

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

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.328 m
Humidity:
Inspector:

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.328 m
Humidity:
Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C180.0								
G0.0	3049.1	3049.1								
G1.0	3103.8	2976.8								
G2.0	3140.2	2886.1								
G3.0	3154.0	2778.9								
G4.0	3143.4	2652.5								
G5.0	3111.9	2510.9								
G6.0	3063.2	2353.6								
G7.0	2999.5	2180.3								
G8.0	2918.9	1999.8								
G9.0	2820.8	1818.6								
G10.0	2706.7	1641.2								
G11.0	2573.7	1473.9								
G12.0	2425.8	1318.6								
G13.0	2263.4	1174.7								
G14.0	2087.3	1044.3								
G15.0	1902.8	927.4								
G16.0	1716.1	821.4								
G17.0	1533.2	727.5								
G18.0	1363.1	645.4								
G19.0	1206.3	570.7								
G20.0	1063.9	501.4								
G21.0	936.0	438.0								
G22.0	824.2	383.0								
G23.0	724.5	335.9								
G24.0	636.8	295.1								
G25.0	557.0	259.0								
G26.0	485.4	228.3								
G27.0	422.0	202.0								
G28.0	366.6	179.3								
G29.0	317.9	158.8								
G30.0	276.4	140.8								
G31.0	240.6	124.9								
G32.0	210.6	110.9								
G33.0	184.2	98.9								
G34.0	161.3	88.5								
G35.0	141.0	79.9								
G36.0	124.2	72.5								

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: 3.328 m
Humidity:
Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C180.0								
G37.0	109.9	65.7								
G38.0	97.3	60.0								
G39.0	86.4	54.6								
G40.0	77.3	50.0								
G41.0	69.5	45.9								
G42.0	62.8	41.8								
G43.0	57.0	38.2								
G44.0	51.7	34.8								
G45.0	46.8	31.5								
G46.0	42.7	28.4								
G47.0	38.9	25.6								
G48.0	35.4	22.8								
G49.0	32.2	20.2								
G50.0	29.0	18.3								
G51.0	26.3	16.6								
G52.0	23.7	15.4								
G53.0	21.2	14.5								
G54.0	18.8	13.3								
G55.0	16.8	12.2								
G56.0	15.0	11.2								
G57.0	13.8	9.9								
G58.0	12.8	8.6								
G59.0	11.6	7.1								
G60.0	10.6	5.3								
G61.0	9.6	3.5								
G62.0	8.6	2.2								
G63.0	7.6	1.5								
G64.0	6.2	0.6								
G65.0	5.0	0.0								
G66.0	3.2	0.0								
G67.0	2.2	0.0								
G68.0	1.4	0.0								
G69.0	0.9	0.0								
G70.0	0.1	0.0								
G71.0	0.1	0.0								
G72.0	0.0	0.0								
G73.0	0.0	0.0								

C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
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Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.328 m
Humidity:
Inspector:

Unit: cd

Gamma Plane (°):0.0-90.0:1.0
Test Device: CHL-6E
Distance: 3.328 m
Humidity:
Inspector: