

Report No.:52.05523 Intero Recessed

Test Time: 2024-09-30 19:36

Luminaire Property

Luminaire Category:

Luminaire Description:

Current: 0.077 A

Power Factor: 0.548

Voltage: 229.9 V

Power: 9.80 W

Photometric Results

CIE Class: Direct

Measurement Flux: 1085.2 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H55.9

Vertical Diffuse Angle(50%): V55.9

Luminaire Efficacy Rating (LER): 111

Max. Intensity: 1354.2 cd

Total Rated Lamp Lumens: 1085.2 lm

Efficiency: 100%

Upward Ratio: 0%

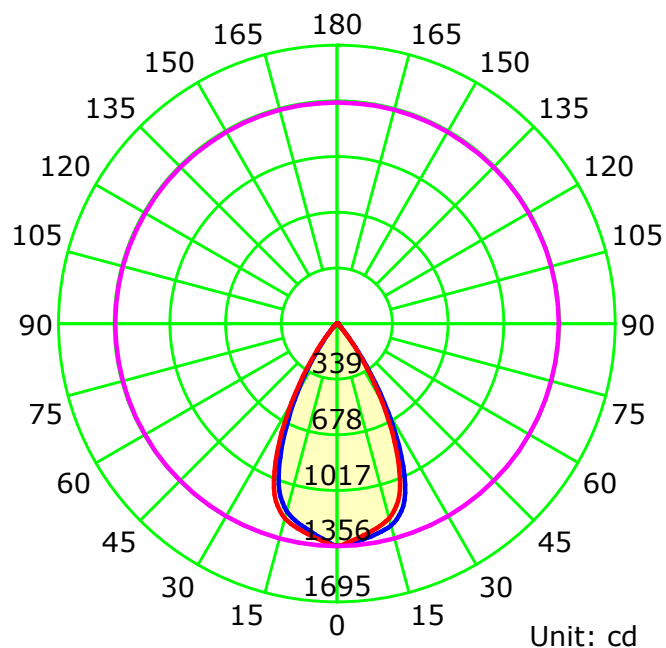
Central Intensity: 1352.96 cd

Pos of Max. Intensity: H0 V1

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270 — G1

C Plane (°):0.0-180.0: 180.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:1.0

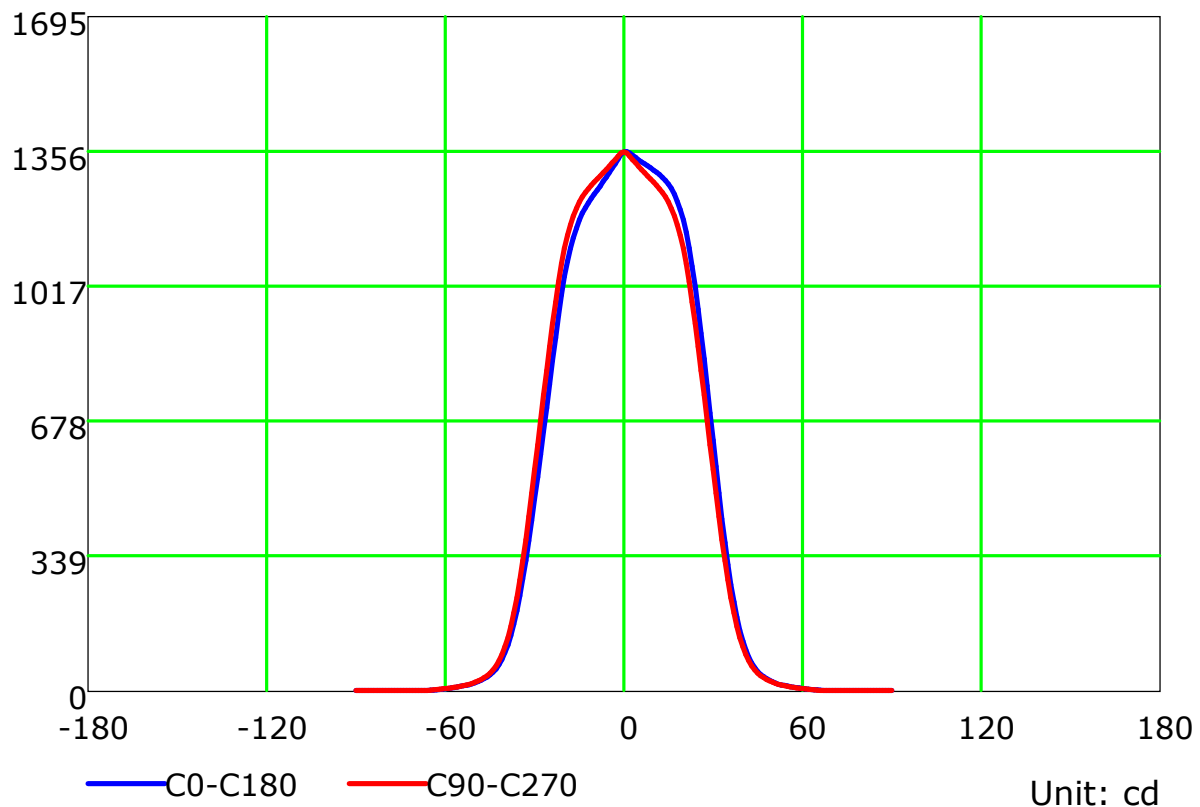
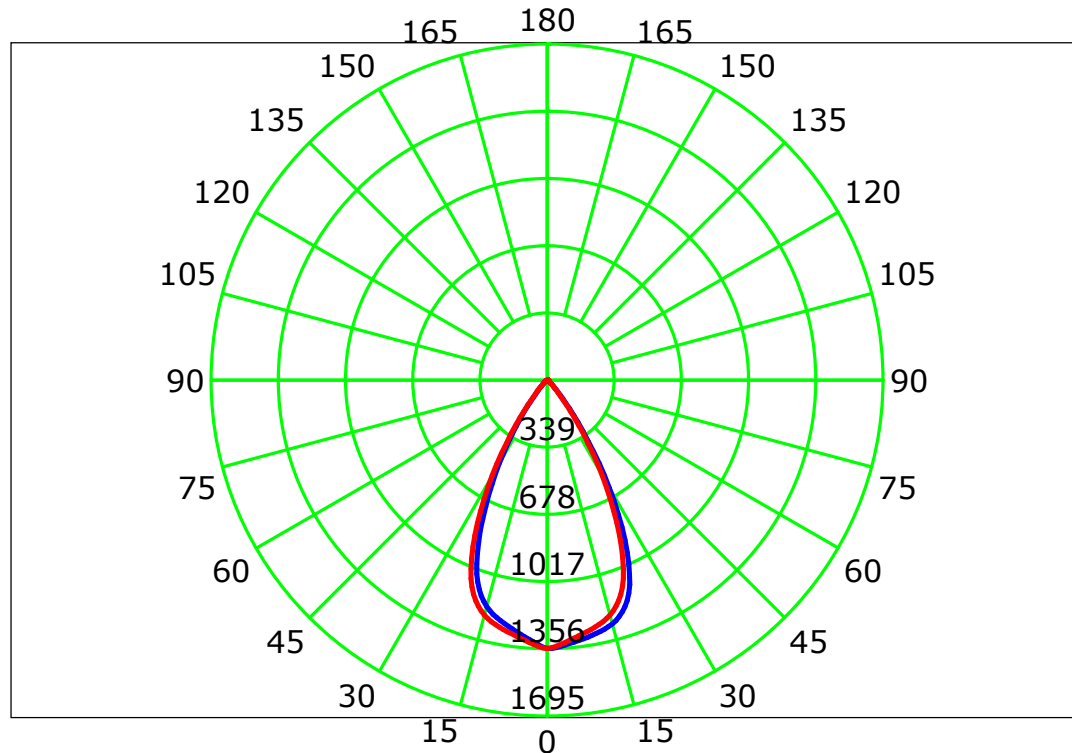
Test Device: CHL-6E

Distance: 3.328 m

Humidity:

Inspector:

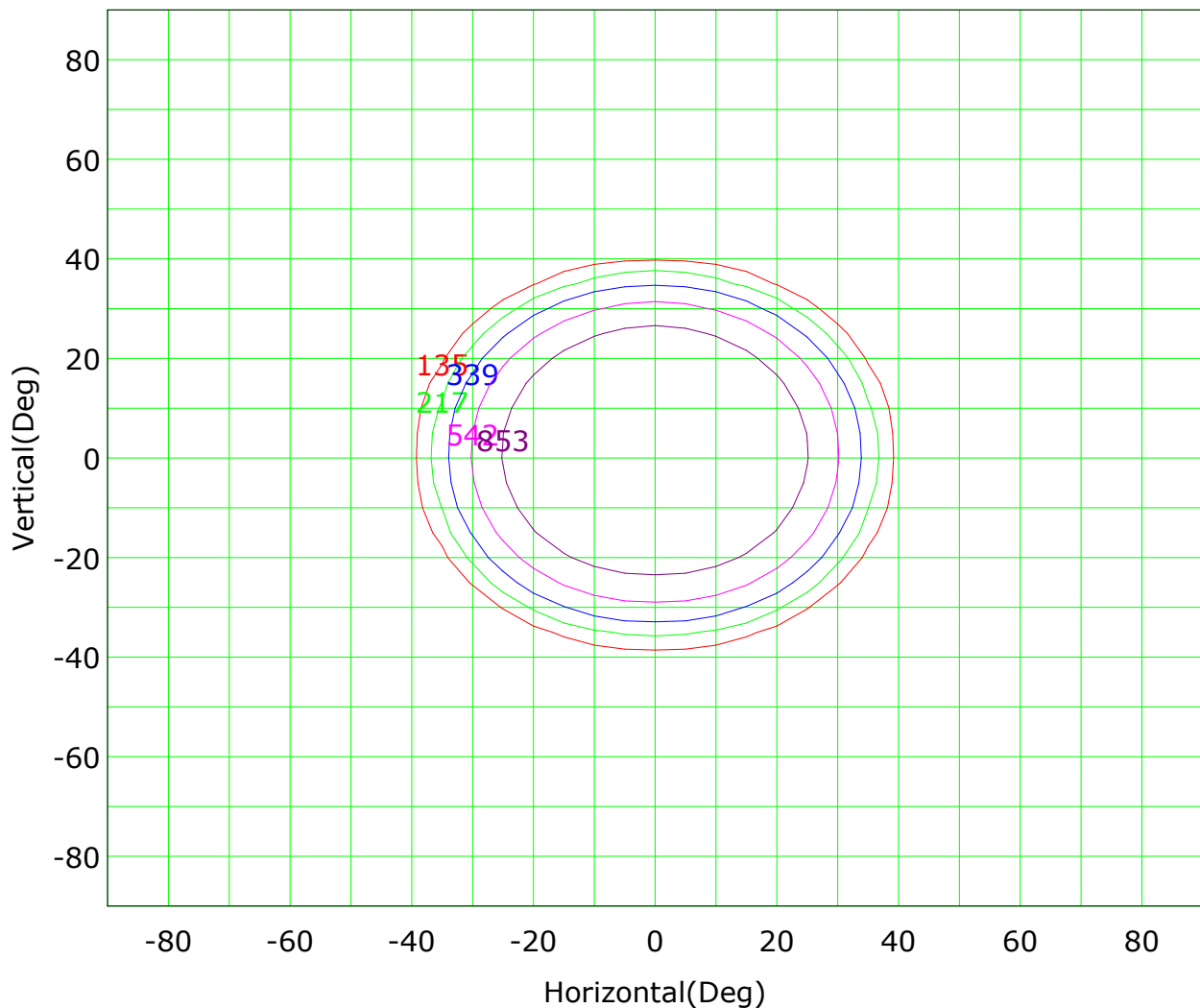
Luminous Intensity Distribution Curve



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)



I_{max} (100%): 1354 cd

(10%): 135 cd	(16%): 217 cd
(25%): 339 cd	(40%): 542 cd
(63%): 853 cd	(100%): 1354 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

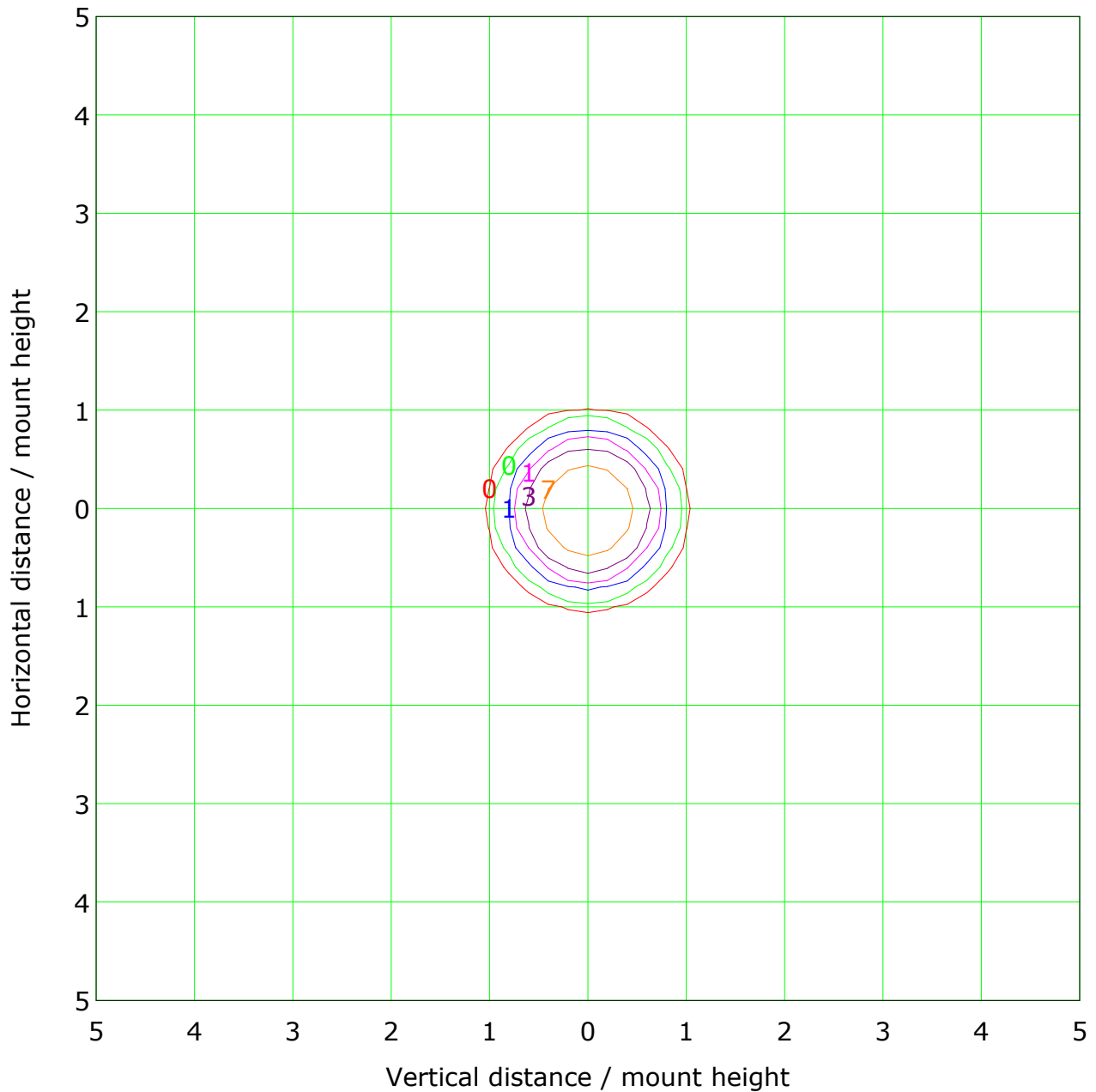
Test Device: CHL-6E

Distance: 3.328 m

Humidity:

Inspector:

IsoLux Plot

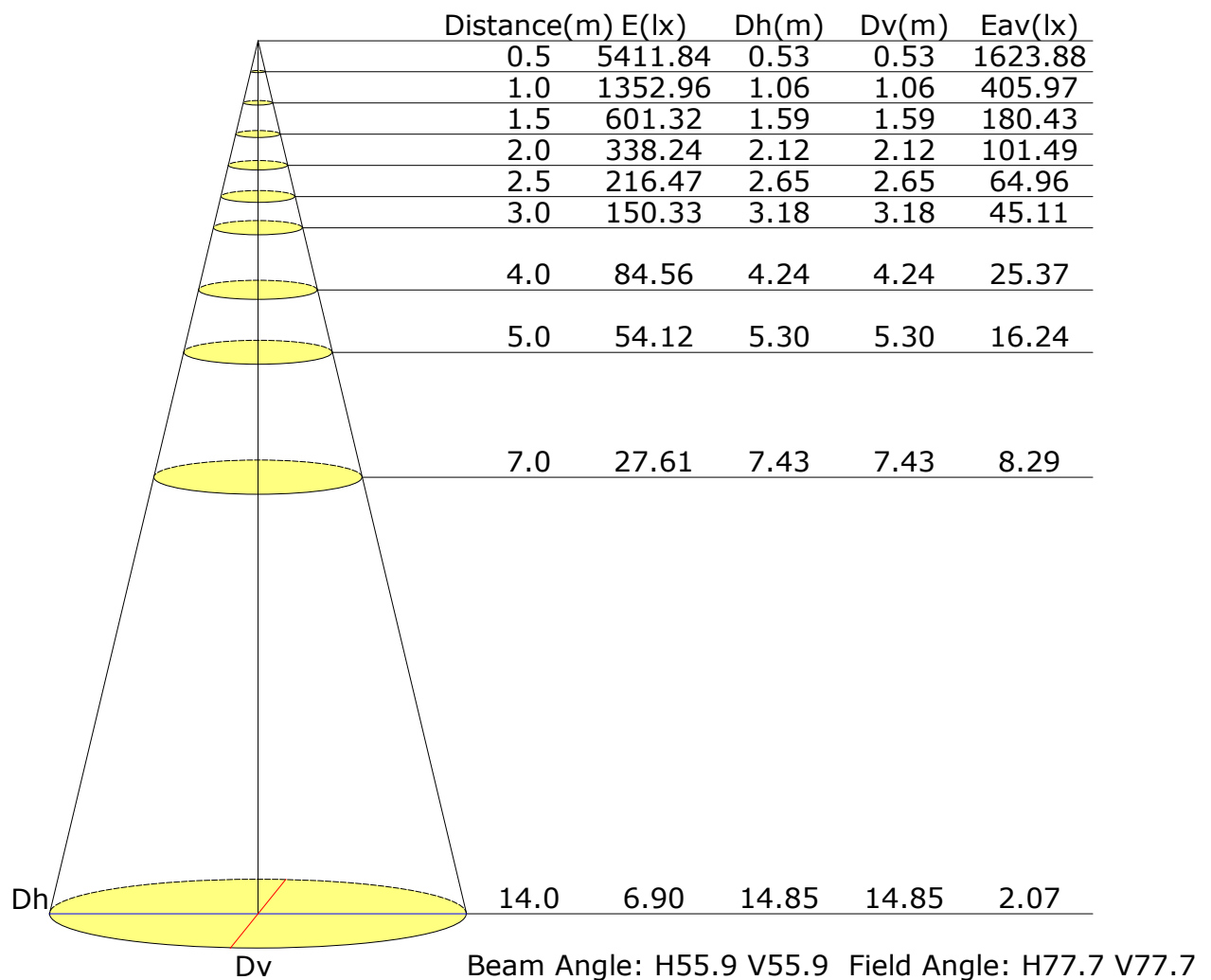


Mounting Height: 10m		Max Lux(100%): 14 lx	
(1%):	0 lx	(2%):	0 lx
(5%):	1 lx	(10%):	1 lx
(20%):	3 lx	(50%):	7 lx
(100%):	14 lx		

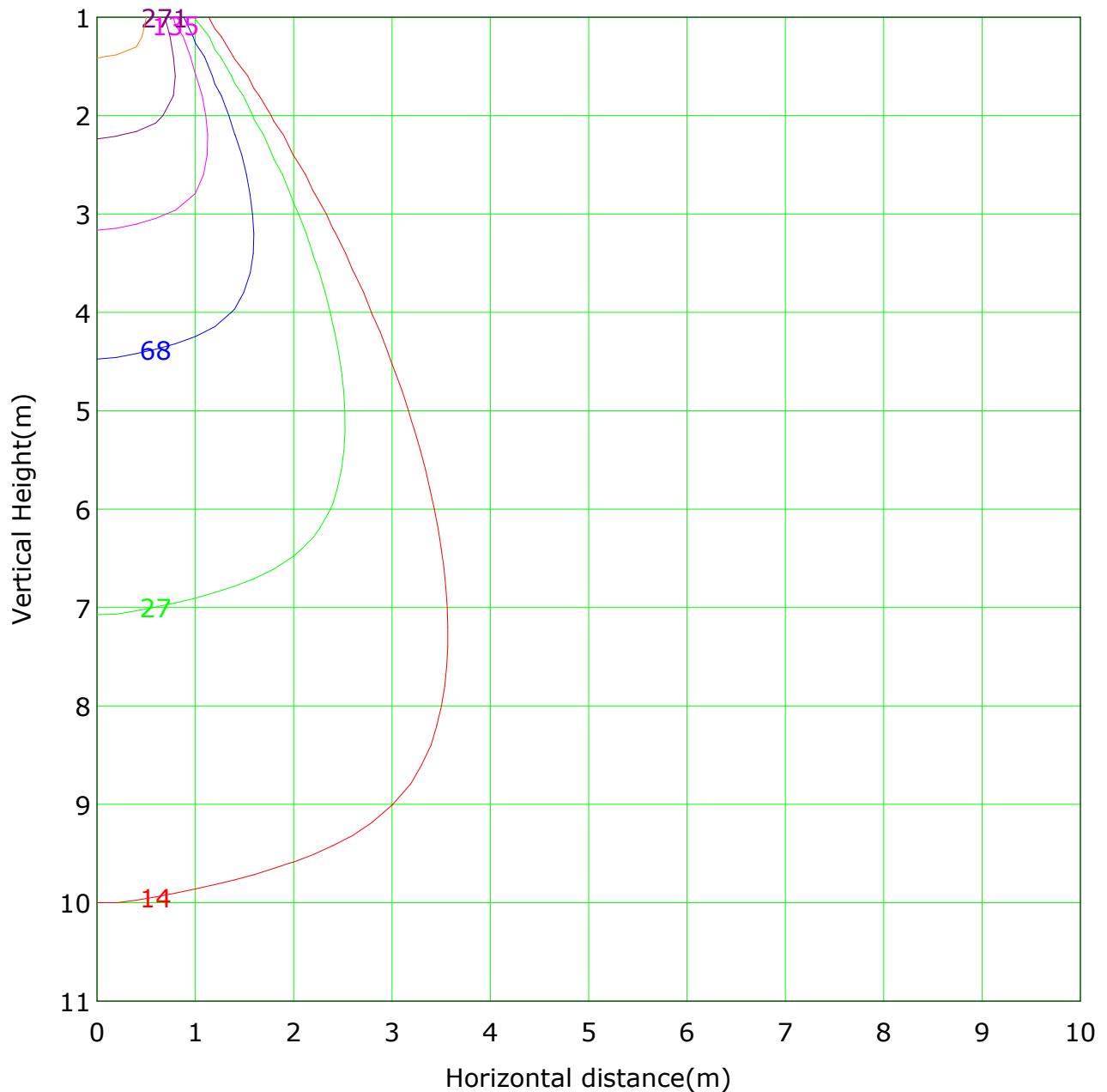
C Plane (°):0.0-180.0: 180.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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



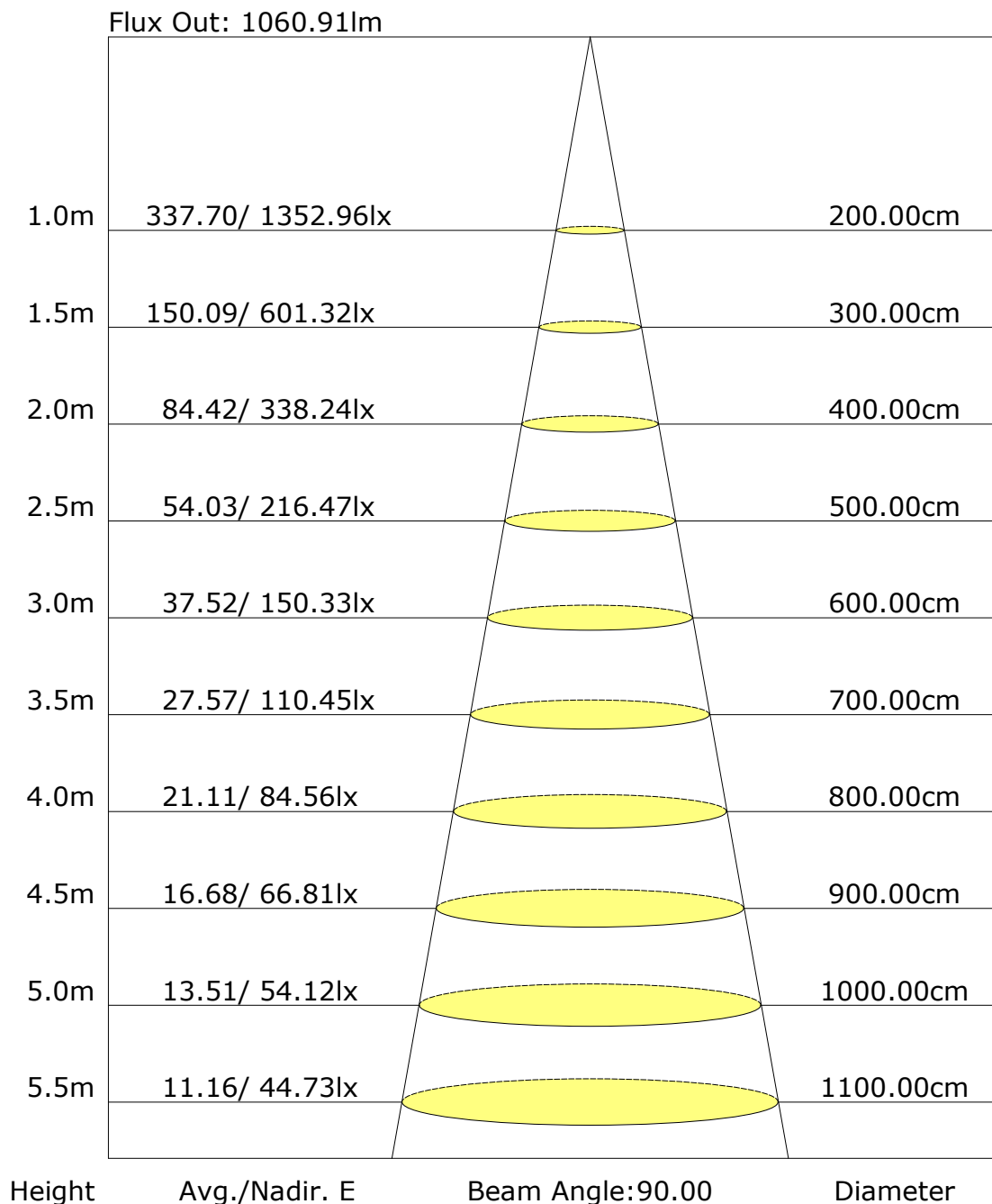
Lowest(m): 1m Highest(m): 11 Max Lux: 1353

(1%): 14 lx	(2%): 27 lx
(5%): 68 lx	(10%): 135 lx
(20%): 271 lx	(50%): 676 lx
(100%): 1353 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	1351.8	1.3	1.3	0.12	0.12
1.0-2.0	1346.6	3.9	5.2	0.36	0.48
2.0-3.0	1338.3	6.4	11.6	0.59	1.07
3.0-4.0	1330.0	8.9	20.5	0.82	1.89
4.0-5.0	1321.4	11.4	31.8	1.05	2.93
5.0-6.0	1312.8	13.8	45.6	1.27	4.20
6.0-7.0	1304.9	16.2	61.8	1.49	5.70
7.0-8.0	1296.8	18.6	80.4	1.71	7.41
8.0-9.0	1289.0	20.9	101.3	1.93	9.33
9.0-10.0	1281.3	23.2	124.5	2.14	11.47
10.0-11.0	1273.2	25.4	149.9	2.34	13.82
11.0-12.0	1264.9	27.7	177.6	2.55	16.36
12.0-13.0	1256.1	29.8	207.4	2.75	19.11
13.0-14.0	1245.8	31.9	239.3	2.94	22.05
14.0-15.0	1233.7	33.9	273.2	3.12	25.17
15.0-16.0	1219.5	35.7	308.9	3.29	28.46
16.0-17.0	1201.9	37.4	346.3	3.45	31.91
17.0-18.0	1181.0	38.9	385.3	3.59	35.50
18.0-19.0	1156.6	40.2	425.5	3.71	39.21
19.0-20.0	1127.4	41.3	466.8	3.80	43.01
20.0-21.0	1091.8	41.9	508.7	3.86	46.88
21.0-22.0	1049.9	42.2	550.9	3.89	50.77
22.0-23.0	1001.7	42.0	592.9	3.87	54.64
23.0-24.0	949.2	41.5	634.5	3.82	58.46
24.0-25.0	893.2	40.6	675.1	3.74	62.21
25.0-26.0	834.1	39.4	714.5	3.63	65.84
26.0-27.0	773.4	37.8	752.3	3.49	69.32
27.0-28.0	711.3	36.0	788.3	3.32	72.64
28.0-29.0	648.5	33.9	822.2	3.13	75.77
29.0-30.0	586.4	31.7	853.9	2.92	78.69
30.0-31.0	525.5	29.2	883.2	2.70	81.38
31.0-32.0	466.1	26.7	909.9	2.46	83.84
32.0-33.0	408.0	24.0	933.9	2.22	86.06
33.0-34.0	352.9	21.4	955.3	1.97	88.03
34.0-35.0	302.0	18.8	974.0	1.73	89.75
35.0-36.0	255.6	16.3	990.3	1.50	91.25

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	214.4	14.0	1004.3	1.29	92.54
37.0-38.0	178.2	11.9	1016.2	1.10	93.64
38.0-39.0	147.3	10.1	1026.2	0.93	94.57
39.0-40.0	121.4	8.5	1034.7	0.78	95.35
40.0-41.0	100.0	7.1	1041.8	0.66	96.00
41.0-42.0	82.7	6.0	1047.8	0.55	96.56
42.0-43.0	68.5	5.1	1052.9	0.47	97.02
43.0-44.0	57.0	4.3	1057.2	0.40	97.42
44.0-45.0	48.0	3.7	1060.9	0.34	97.76
45.0-46.0	40.8	3.2	1064.1	0.29	98.05
46.0-47.0	35.0	2.8	1066.9	0.26	98.31
47.0-48.0	30.3	2.4	1069.3	0.23	98.54
48.0-49.0	26.3	2.2	1071.5	0.20	98.74
49.0-50.0	22.7	1.9	1073.4	0.17	98.91
50.0-51.0	19.5	1.6	1075.0	0.15	99.06
51.0-52.0	16.8	1.4	1076.5	0.13	99.19
52.0-53.0	14.8	1.3	1077.7	0.12	99.31
53.0-54.0	13.3	1.2	1078.9	0.11	99.42
54.0-55.0	11.8	1.1	1080.0	0.10	99.52
55.0-56.0	10.3	0.9	1080.9	0.09	99.60
56.0-57.0	8.9	0.8	1081.7	0.08	99.68
57.0-58.0	7.6	0.7	1082.4	0.06	99.74
58.0-59.0	6.5	0.6	1083.0	0.06	99.80
59.0-60.0	5.6	0.5	1083.6	0.05	99.85
60.0-61.0	4.7	0.5	1084.0	0.04	99.89
61.0-62.0	3.9	0.4	1084.4	0.03	99.92
62.0-63.0	3.0	0.3	1084.7	0.03	99.95
63.0-64.0	2.1	0.2	1084.9	0.02	99.97
64.0-65.0	1.5	0.2	1085.0	0.01	99.98
65.0-66.0	1.0	0.1	1085.1	0.01	99.99
66.0-67.0	0.5	0.1	1085.2	0.00	100.00
67.0-68.0	0.2	0.0	1085.2	0.00	100.00
68.0-69.0	0.0	0.0	1085.2	0.00	100.00
69.0-70.0	0.0	0.0	1085.2	0.00	100.00
70.0-71.0	0.0	0.0	1085.2	0.00	100.00
71.0-72.0	0.0	0.0	1085.2	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	1353.0	1353.0								
G1.0	1354.2	1347.0								
G2.0	1350.3	1334.9								
G3.0	1344.8	1323.3								
G4.0	1339.6	1312.2								
G5.0	1333.0	1300.7								
G6.0	1328.0	1289.6								
G7.0	1323.4	1278.7								
G8.0	1318.1	1267.2								
G9.0	1313.8	1257.1								
G10.0	1307.3	1246.9								
G11.0	1301.9	1236.5								
G12.0	1296.3	1225.0								
G13.0	1289.6	1213.3								
G14.0	1281.1	1199.0								
G15.0	1272.6	1182.1								
G16.0	1261.8	1161.4								
G17.0	1246.6	1137.8								
G18.0	1228.4	1111.0								
G19.0	1208.4	1078.7								
G20.0	1182.5	1039.9								
G21.0	1151.0	994.0								
G22.0	1112.0	942.7								
G23.0	1065.6	886.7								
G24.0	1014.9	829.5								
G25.0	958.4	770.0								
G26.0	897.6	710.6								
G27.0	833.7	651.9								
G28.0	766.2	593.5								
G29.0	697.6	536.7								
G30.0	629.5	481.7								
G31.0	563.0	427.8								
G32.0	496.8	376.7								
G33.0	431.4	327.3								
G34.0	372.2	280.7								
G35.0	316.7	238.2								
G36.0	266.9	200.6								

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	223.0	167.0								
G38.0	184.4	138.6								
G39.0	151.3	115.0								
G40.0	124.3	95.0								
G41.0	102.2	78.7								
G42.0	84.3	65.6								
G43.0	69.5	54.6								
G44.0	57.7	46.3								
G45.0	48.2	39.7								
G46.0	40.7	34.4								
G47.0	34.8	30.2								
G48.0	29.8	26.4								
G49.0	25.8	23.0								
G50.0	22.1	19.9								
G51.0	18.8	17.1								
G52.0	15.9	15.3								
G53.0	14.3	13.7								
G54.0	12.9	12.2								
G55.0	11.4	10.8								
G56.0	9.9	9.1								
G57.0	8.8	7.8								
G58.0	7.3	6.5								
G59.0	6.6	5.5								
G60.0	5.6	4.7								
G61.0	4.7	3.8								
G62.0	4.0	3.0								
G63.0	3.0	2.1								
G64.0	2.1	1.4								
G65.0	1.6	1.0								
G66.0	1.0	0.5								
G67.0	0.6	0.0								
G68.0	0.1	0.0								
G69.0	0.0	0.0								
G70.0	0.0	0.0								
G71.0	0.0	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:
Operator:

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: