

Report No.: 1

Test Time: 2019/3/28 17:58

Luminaire Property

Luminaire Manufacturer: Havit Commercial

Luminaire Description: HCP-8820704 + HCP-8830704 (3000K)

Current: 0.035 A

Power Factor: 0.871

Voltage: 220 V

Power: 6.74 W

Photometric Results

CIE Class: Direct

Measurement Flux: 397.5 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(50%): H40

Vertical Diffuse Angle(50%): V40.4

Luminaire Efficacy Rating (LER): 59.03

Max. Intensity: 750.61 cd

S/MH(C0/C180): 0.64

Total Rated Lamp Lumens: 397.5 lm

Efficiency: 100%

Upward Ratio: 1%

Central Intensity: 749.95 cd

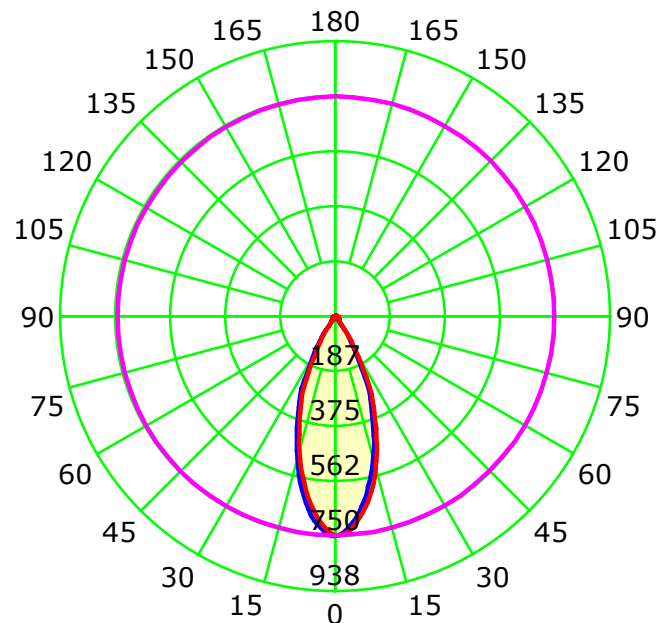
Pos of Max. Intensity: H180 V1

S/MH(C90/C270): 0.64

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 40.2°

— C0-C180 — C90-C270 — G1

C Plane (°):0.0-360.0: 45.0

Test Lab: Inventfine instruments

Test Type: TYPE C

Temperature: 26

Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0

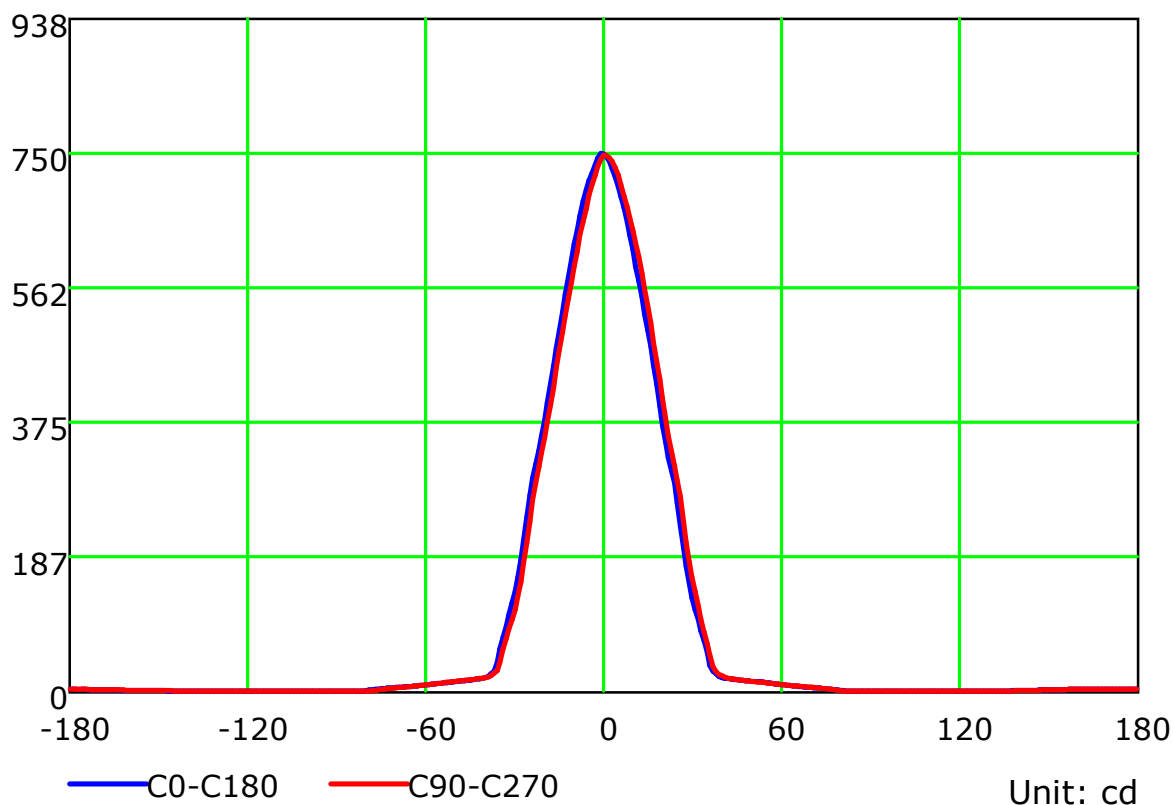
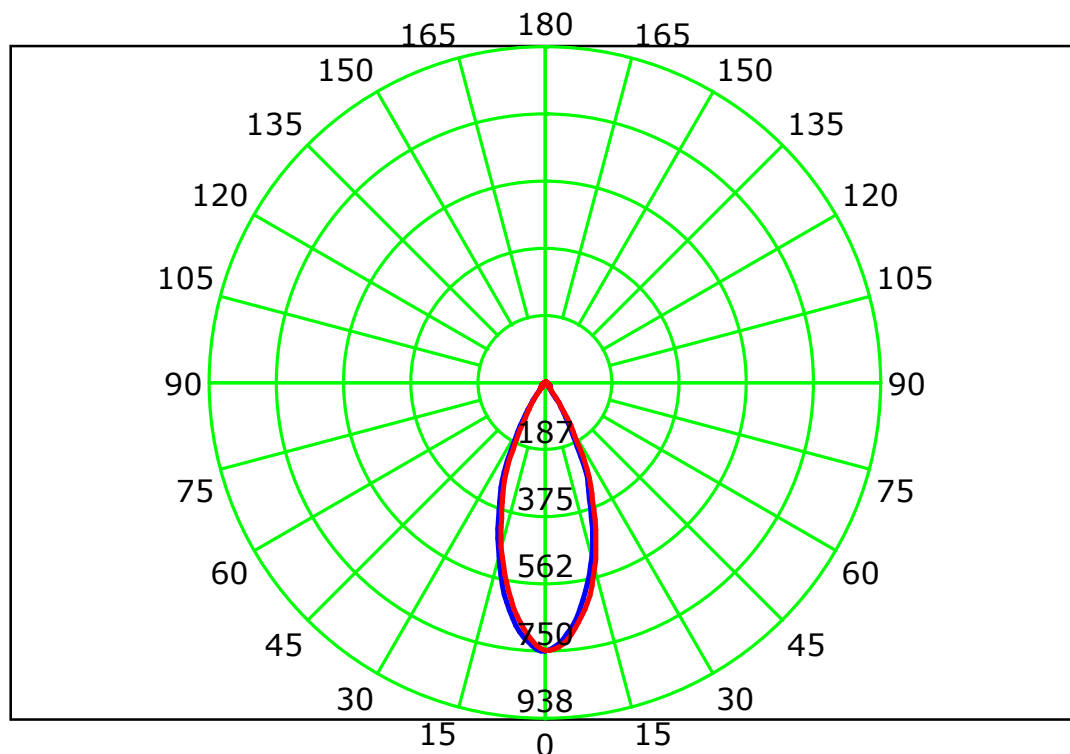
Test Device: GPM-1800B

Distance: 7.970 m

Humidity: 55

Inspector:

Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
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Temperature: 26
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Gamma Plane (°):0.0-180.0:1.0
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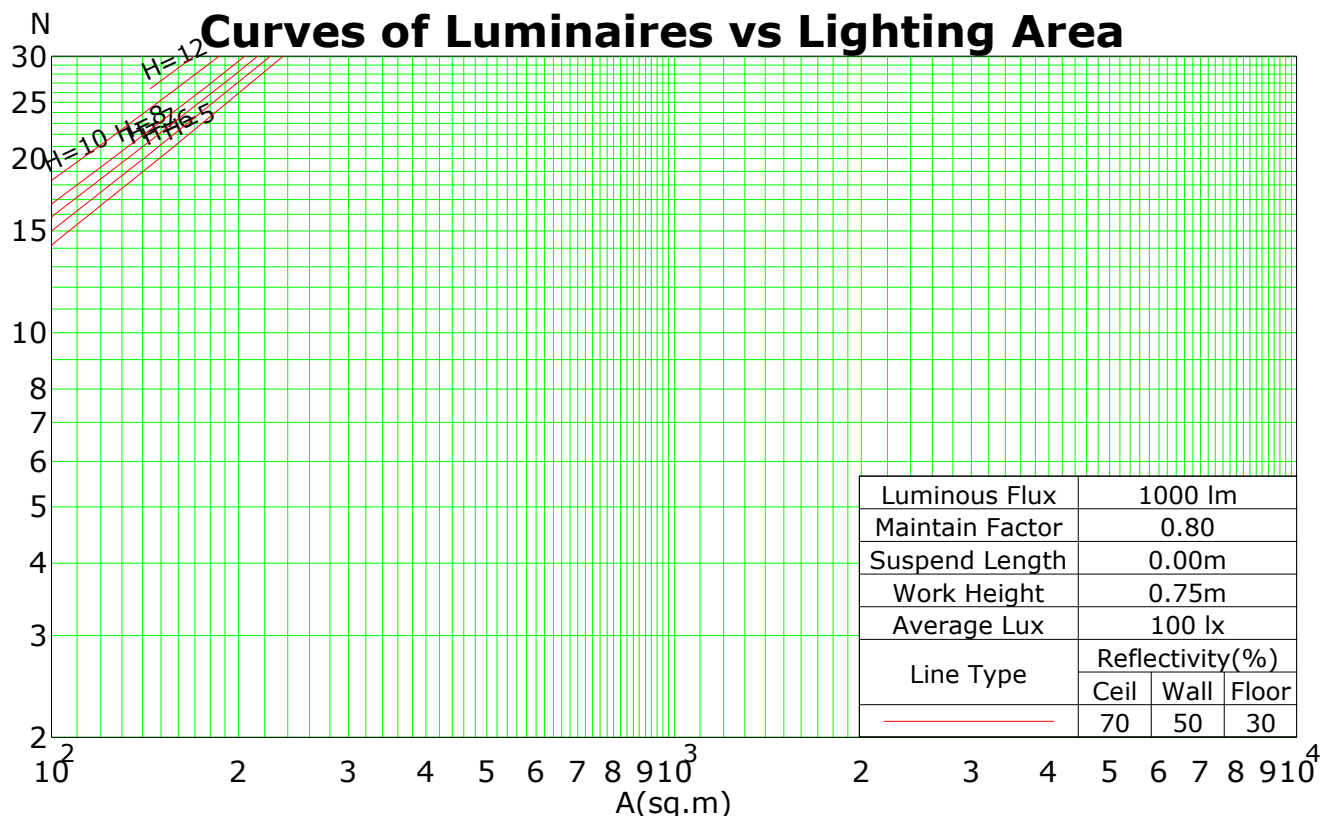
Coefficients Of Utilization - Zonal Cavity Method

RC	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.3	0.3	0.3	0.1	0.1	0.1	0
RW	0.7	0.5	0.3	0.1	0.7	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0
RCR	RF = 0.2																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	113	111	108	106	111	108	106	104	104	103	101	100	99	98	97	96	95	93
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	92	90	89	87
3	103	97	92	88	101	95	91	88	93	89	86	90	87	85	88	85	83	82
4	98	91	86	82	97	90	85	81	88	84	80	86	82	79	84	81	78	77
5	94	86	81	77	92	85	80	76	83	79	76	82	78	75	80	77	74	73
6	90	82	76	72	88	81	76	72	79	75	71	78	74	71	76	73	70	69
7	86	78	72	68	85	77	72	68	76	71	67	74	70	67	73	69	67	65
8	83	74	68	65	81	73	68	64	72	67	64	71	67	64	70	66	63	62
9	79	70	65	61	78	70	65	61	69	64	61	68	64	61	67	63	61	59
10	76	67	62	58	75	67	62	58	66	61	58	65	61	58	65	61	58	57

Spacing Criteria (0-180): 0.64

Spacing Criteria (90-270): 0.64

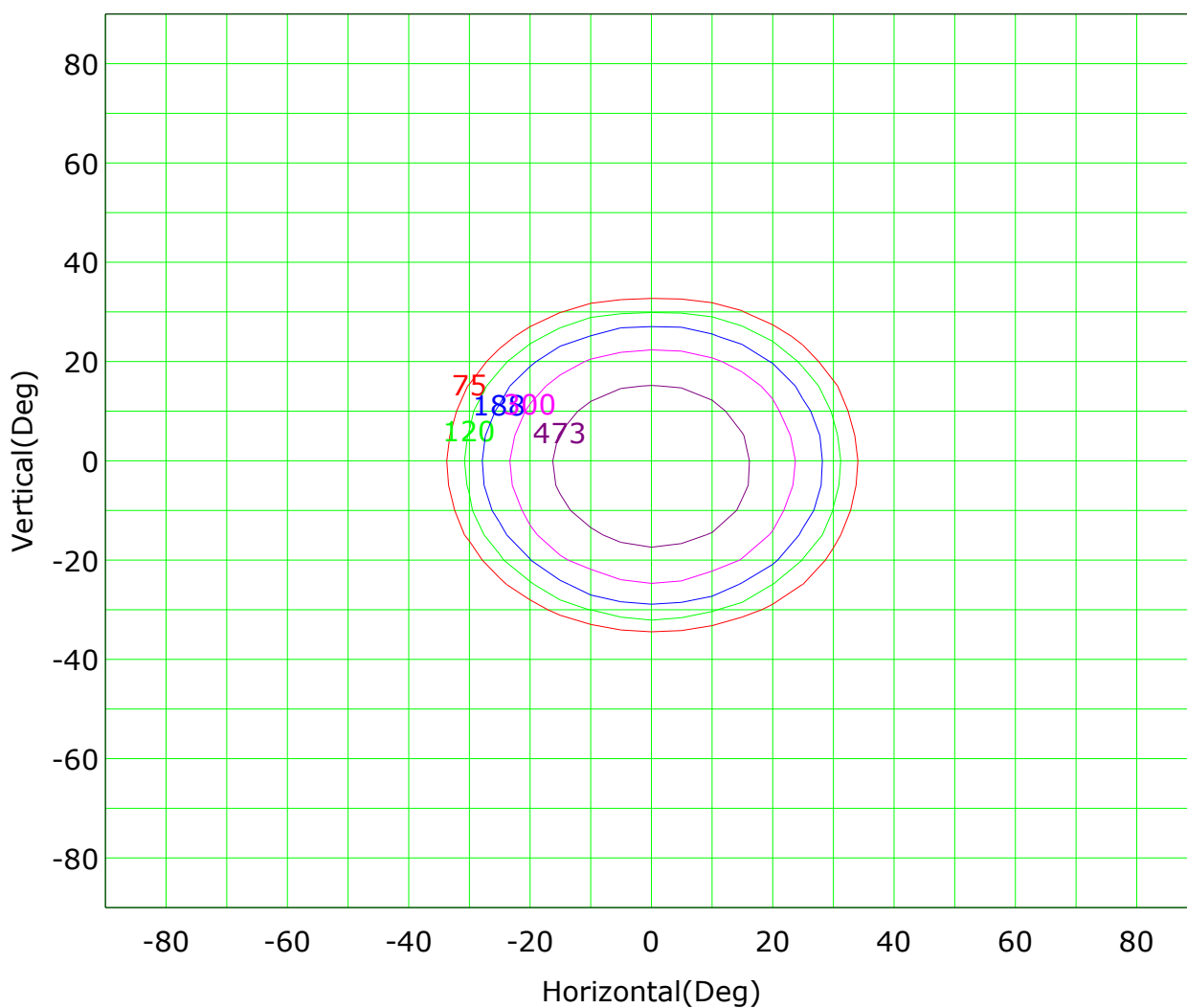
Spacing Criteria (Diagonal): 0.68



C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.970 m
Humidity: 55
Inspector:

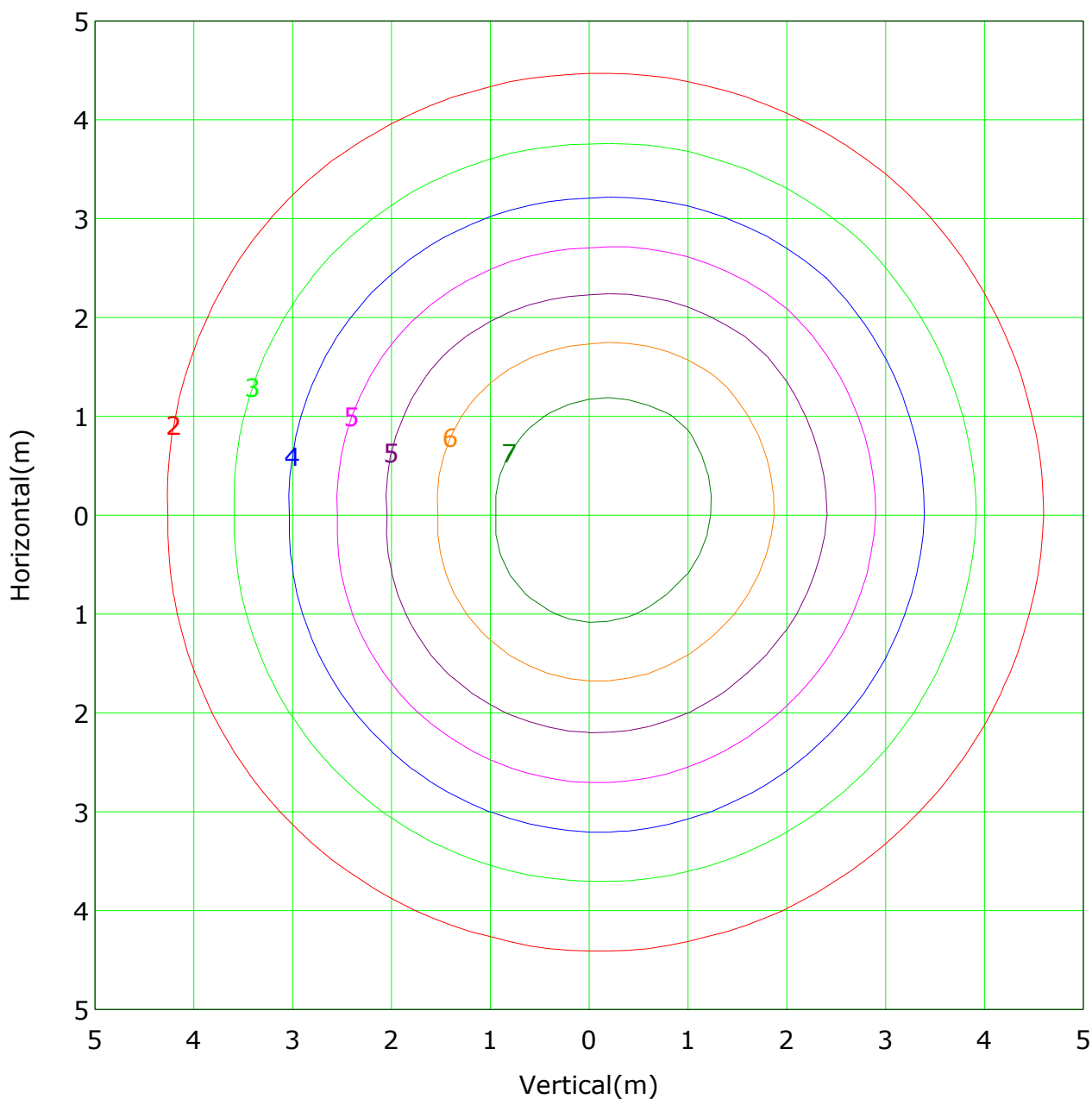
Isocandela (rectangle)



Imax (100%): 751 cd

(10%):	75 cd	(16%):	120 cd
(25%):	188 cd	(40%):	300 cd
(63%):	473 cd	(100%):	751 cd

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 7.5 lx	
(30%): 2.3 lx	(40%): 3.0 lx
(50%): 3.8 lx	(60%): 4.5 lx
(70%): 5.3 lx	(80%): 6.0 lx
(90%): 6.8 lx	(100%): 7.5 lx
(120%): 9.0 lx	(150%): 11.3 lx

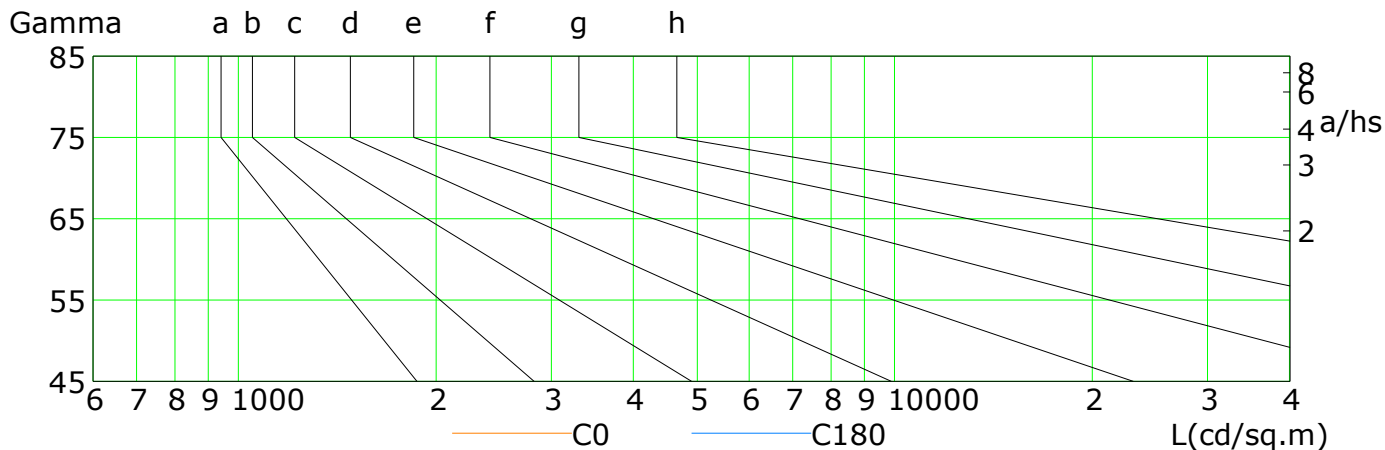
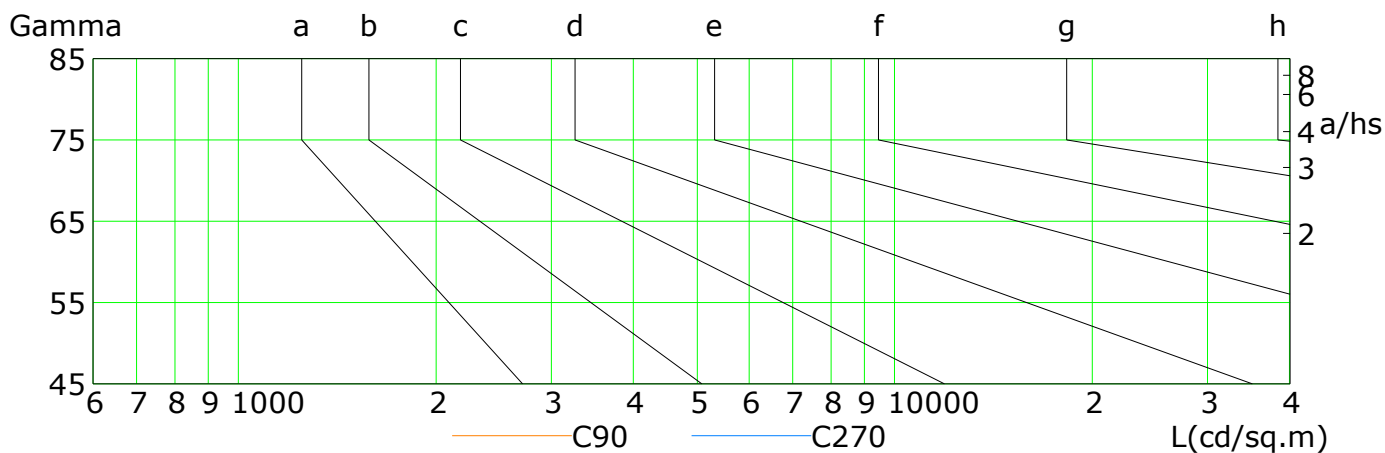
C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.970 m
Humidity: 55
Inspector:

Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300

a b c d e f g h

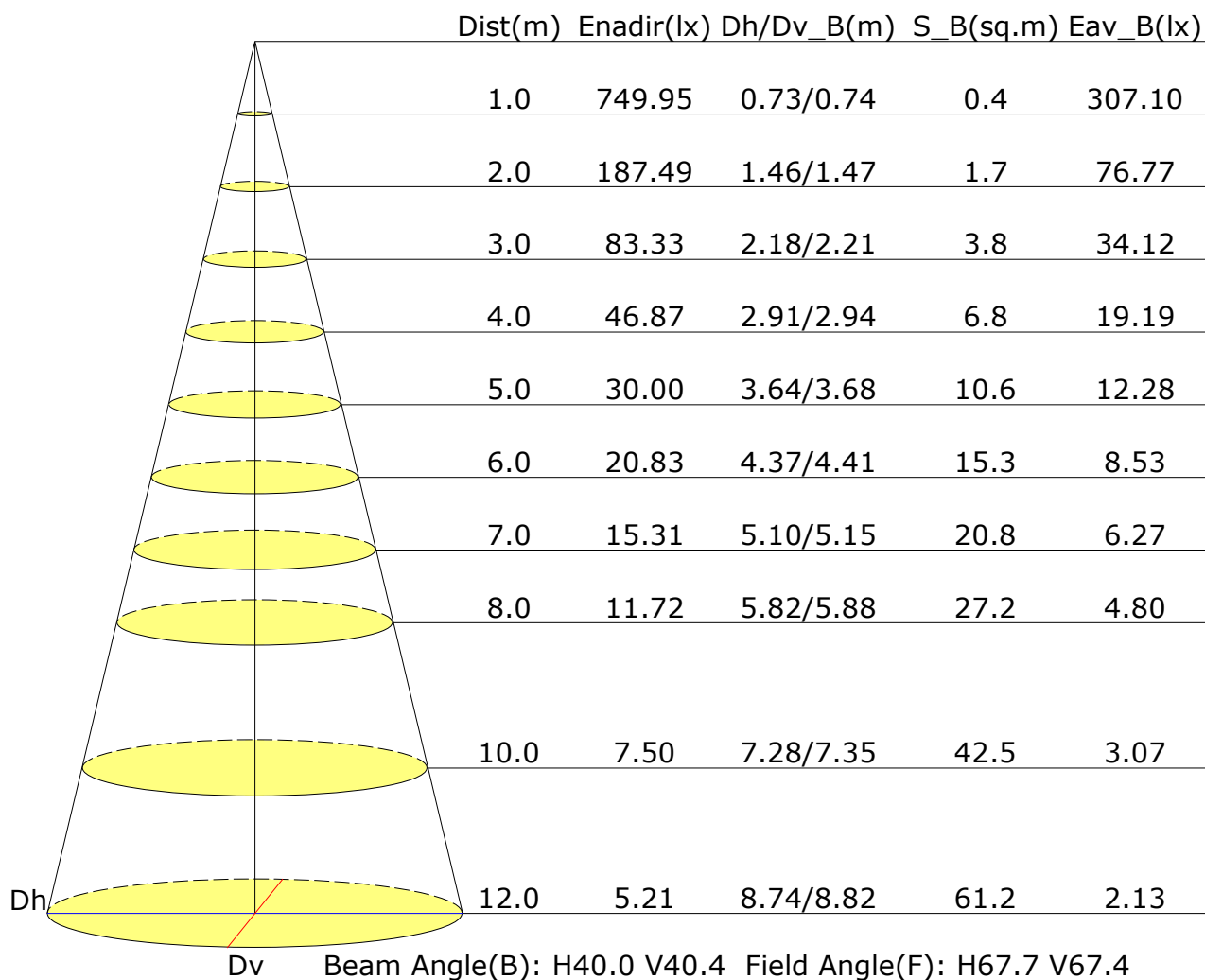


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	16	14	12	10	7	6	4	2	0
C90	17	14	12	10	8	6	4	1	0
C180	16	14	11	9	7	5	4	1	0
C270	16	14	12	9	7	5	3	1	0

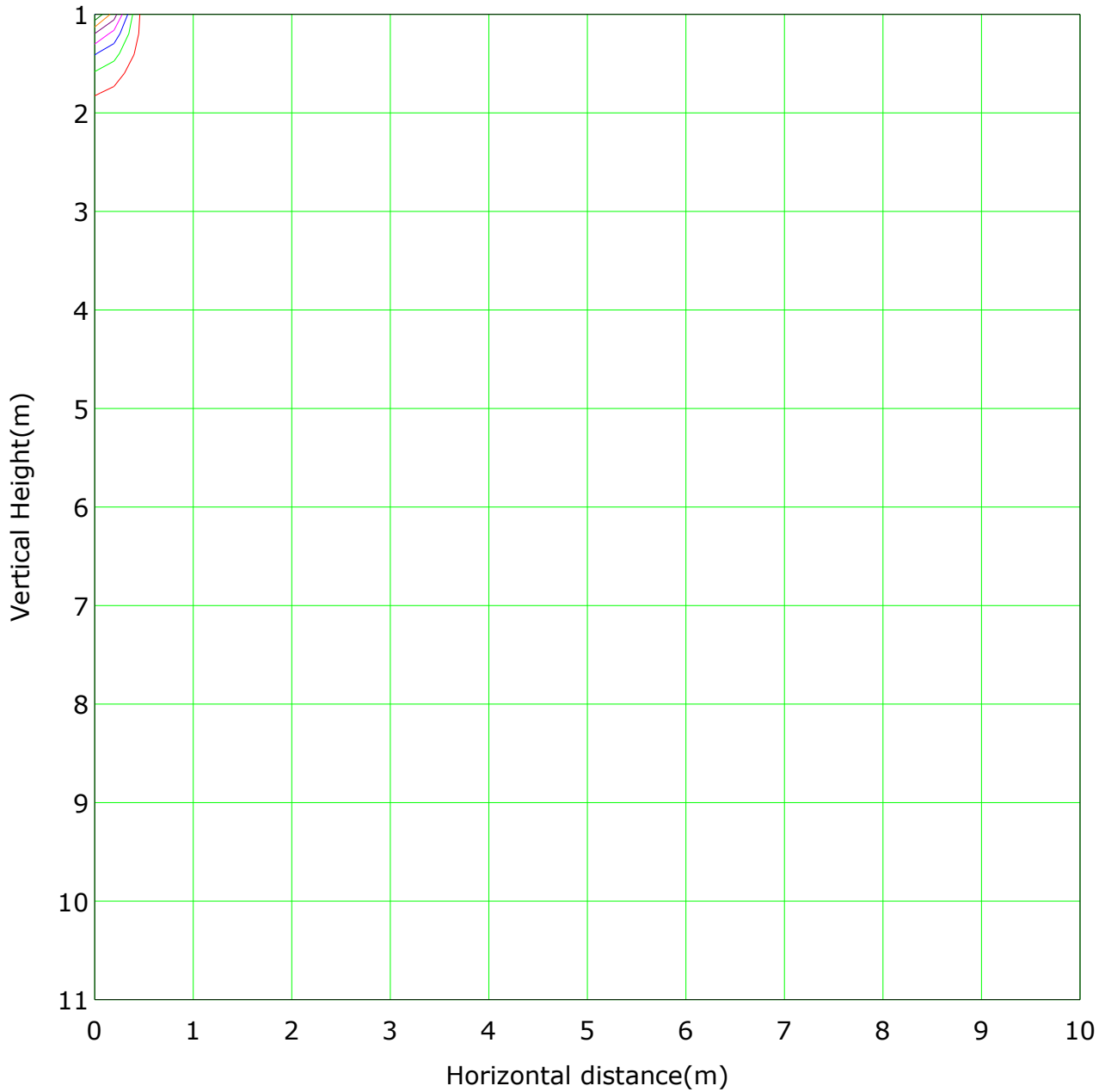
C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.970 m
Humidity: 55
Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



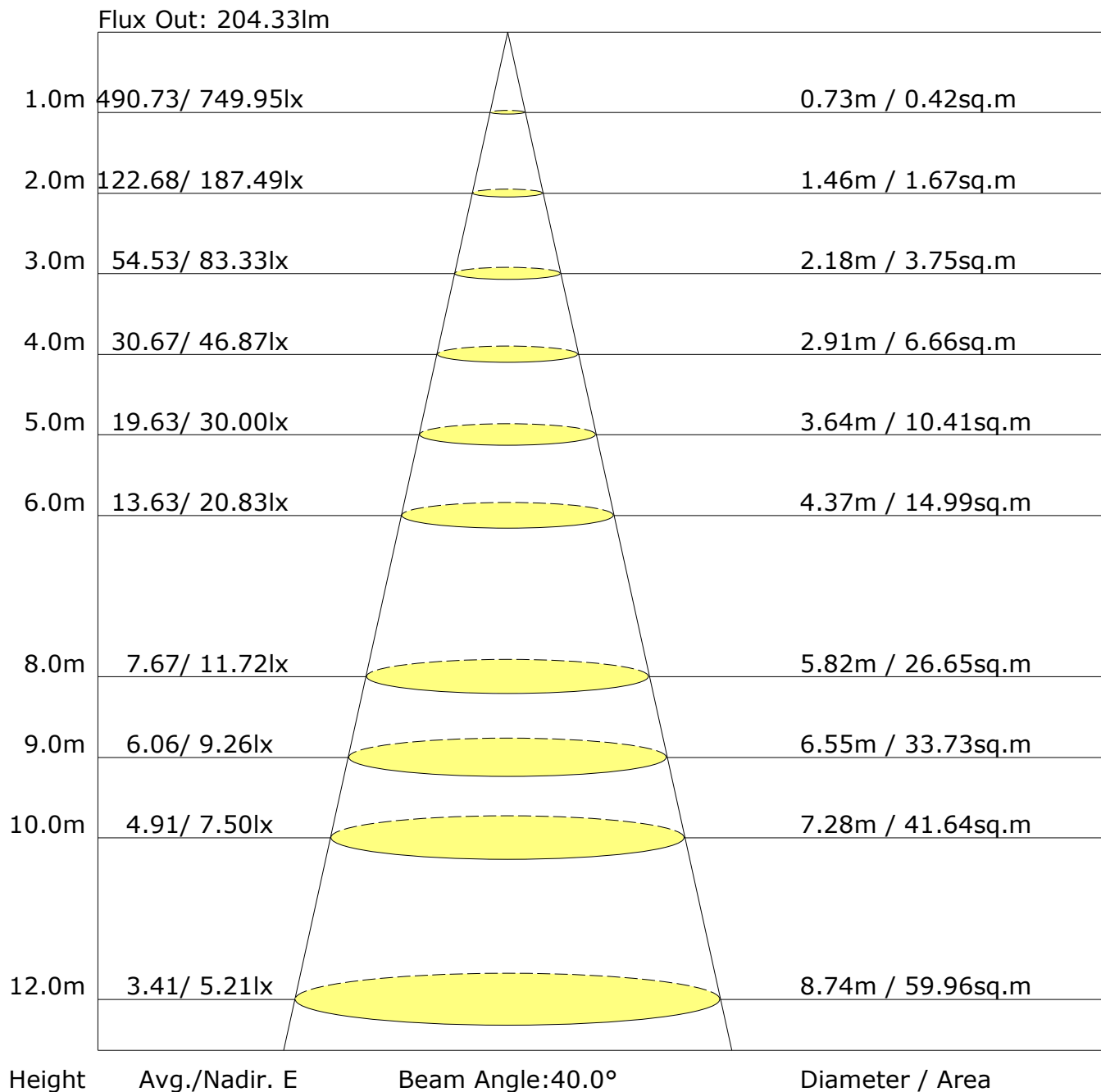
Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 750.0 lx

(30%): 225.0 lx	(40%): 300.0 lx
(50%): 375.0 lx	(60%): 450.0 lx
(70%): 525.0 lx	(80%): 600.0 lx
(90%): 675.0 lx	(100%): 750.0 lx
(120%): 899.9 lx	(150%): 1124.9 lx

C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.970 m
Humidity: 55
Inspector:

The Average Illuminance Effective Figure



UGR Table

Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
3H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=4H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
3H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=8H Y=4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=12H Y=4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
Variations with the observer position at spacings:										
S=1.0H	-1.\$/-1.\$					-1.\$/-1.\$				
S=1.5H	-1.\$/-1.\$					-1.\$/-1.\$				
S=2.0H	-1.\$/-1.\$					-1.\$/-1.\$				

Calculate in accordance with CIE Pub.117. The table is revised with 398lm ($8\log(F/F_0) = -3.2$).

Candlepower Table

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G0.0	750.0	748.0	748.0	750.1	750.0	748.0	748.0	750.1	750.0	
G1.0	747.0	745.8	748.1	750.3	750.6	745.5	743.2	747.1	747.0	
G2.0	740.3	740.4	744.8	747.3	744.7	737.4	733.3	739.1	740.3	
G3.0	730.9	732.9	740.2	742.6	735.1	726.7	720.5	728.5	730.9	
G4.0	719.2	720.8	731.5	735.6	723.7	712.9	707.2	715.6	719.2	
G5.0	704.7	708.0	720.7	726.3	712.8	699.6	692.2	699.1	704.7	
G6.0	690.8	693.8	707.6	715.4	700.5	685.1	673.2	682.5	690.8	
G7.0	675.0	680.0	691.2	702.3	684.1	668.2	655.7	665.1	675.0	
G8.0	655.7	664.2	675.9	686.5	663.3	650.8	637.4	644.6	655.7	
G9.0	636.6	645.9	660.4	667.5	644.0	632.8	614.3	625.9	636.6	
G10.0	616.2	627.3	642.9	649.8	624.1	612.0	592.8	606.3	616.2	
G11.0	593.1	605.3	625.7	629.2	603.0	590.2	571.2	585.4	593.1	
G12.0	572.9	583.4	607.0	605.3	578.1	570.1	548.4	564.3	572.9	
G13.0	551.2	560.3	583.7	583.9	553.5	546.1	524.2	539.5	551.2	
G14.0	526.4	538.4	561.4	562.5	529.3	519.2	501.9	516.7	526.4	
G15.0	504.4	515.4	538.2	538.4	503.2	494.5	477.3	492.1	504.4	
G16.0	480.8	492.2	513.7	511.7	478.4	470.4	451.2	466.6	480.8	
G17.0	455.6	467.2	486.1	486.3	454.3	444.6	424.0	437.2	455.6	
G18.0	428.9	442.3	461.0	461.3	428.6	416.7	399.0	410.9	428.9	
G19.0	398.0	416.3	435.4	434.9	402.9	392.1	376.1	385.4	398.0	
G20.0	371.5	388.0	408.4	405.0	378.9	370.4	354.2	362.1	371.5	
G21.0	348.4	364.8	380.6	379.0	355.7	349.8	332.5	338.4	348.4	
G22.0	326.8	342.9	357.3	356.1	336.4	329.9	313.5	319.5	326.8	
G23.0	309.0	319.6	335.9	331.1	316.8	309.6	291.2	301.3	309.0	
G24.0	290.7	299.7	314.3	312.4	297.4	290.6	266.7	279.0	290.7	
G25.0	263.4	279.1	294.4	291.3	274.1	263.6	237.0	250.0	263.4	
G26.0	230.9	252.1	272.5	269.7	242.5	232.6	207.3	215.2	230.9	
G27.0	200.7	215.6	236.4	235.7	210.9	205.2	179.4	190.0	200.7	
G28.0	174.4	184.8	208.2	203.1	184.2	180.4	153.3	169.1	174.4	
G29.0	150.9	158.5	180.3	176.1	158.9	157.0	132.6	146.6	150.9	
G30.0	131.1	137.0	159.1	151.9	139.8	133.8	114.2	128.0	131.1	
G31.0	114.2	119.2	139.5	129.8	123.5	116.3	99.4	110.3	114.2	
G32.0	100.7	103.7	118.8	112.6	107.0	100.3	87.3	94.4	100.7	
G33.0	84.4	88.6	100.8	97.1	90.8	84.7	73.6	77.8	84.4	
G34.0	70.7	72.7	82.7	83.4	75.7	68.8	59.8	61.9	70.7	
G35.0	54.9	60.8	66.8	72.9	59.8	53.3	40.6	45.0	54.9	
G36.0	36.2	43.9	50.3	58.6	40.8	34.5	28.9	31.3	36.2	

C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.970 m
Humidity: 55
Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G37.0	27.8	30.2	34.3	36.3	28.2	26.5	25.3	26.4	27.8	
G38.0	24.4	25.4	27.1	27.8	24.4	22.7	22.2	23.3	24.4	
G39.0	21.3	21.9	24.0	24.2	21.3	20.5	20.3	21.1	21.3	
G40.0	19.6	20.0	21.5	21.4	19.5	19.0	19.4	19.7	19.6	
G41.0	18.6	18.9	19.8	19.5	18.5	18.1	18.6	18.6	18.6	
G42.0	17.9	18.0	18.6	18.7	17.8	17.5	17.9	18.0	17.9	
G43.0	17.3	17.2	17.7	18.0	17.1	16.9	17.3	17.4	17.3	
G44.0	16.7	16.6	17.1	17.1	16.5	16.3	16.7	16.8	16.7	
G45.0	16.2	15.9	16.5	16.5	15.9	15.9	16.2	16.3	16.2	
G46.0	15.8	15.4	16.0	16.0	15.5	15.5	15.8	15.9	15.8	
G47.0	15.4	14.9	15.5	15.5	15.0	15.1	15.4	15.4	15.4	
G48.0	15.0	14.4	15.0	15.0	14.5	14.8	14.9	15.0	15.0	
G49.0	14.7	14.0	14.6	14.6	14.1	14.4	14.5	14.6	14.7	
G50.0	14.2	13.6	14.2	14.2	13.7	14.1	14.1	14.2	14.2	
G51.0	14.0	13.3	13.8	13.7	13.2	13.7	13.7	13.8	14.0	
G52.0	13.7	13.0	13.4	13.3	12.8	13.3	13.3	13.4	13.7	
G53.0	13.4	12.8	12.9	12.9	12.5	12.9	12.7	13.0	13.4	
G54.0	13.0	12.5	12.6	12.5	12.0	12.4	12.1	12.5	13.0	
G55.0	12.4	12.0	12.1	11.9	11.5	11.8	11.5	11.9	12.4	
G56.0	11.8	11.4	11.5	11.3	10.9	11.4	11.0	11.4	11.8	
G57.0	11.3	11.0	11.0	10.8	10.5	10.9	10.5	11.0	11.3	
G58.0	10.7	10.5	10.5	10.4	10.0	10.4	9.9	10.4	10.7	
G59.0	10.1	9.9	10.0	9.9	9.4	9.9	9.4	9.9	10.1	
G60.0	9.6	9.4	9.5	9.4	9.0	9.4	9.0	9.5	9.6	
G61.0	9.2	9.0	9.1	8.9	8.6	9.0	8.5	9.0	9.2	
G62.0	8.7	8.6	8.7	8.5	8.2	8.5	8.1	8.6	8.7	
G63.0	8.3	8.2	8.3	8.1	7.8	8.1	7.7	8.1	8.3	
G64.0	7.8	7.8	8.0	7.7	7.4	7.7	7.3	7.6	7.8	
G65.0	7.4	7.3	7.6	7.3	7.0	7.3	7.0	7.2	7.4	
G66.0	7.1	7.0	7.3	6.9	6.8	6.9	6.6	6.9	7.1	
G67.0	6.7	6.6	6.9	6.6	6.3	6.5	6.3	6.5	6.7	
G68.0	6.3	6.3	6.6	6.2	6.0	6.1	5.9	6.1	6.3	
G69.0	5.9	5.8	6.1	5.9	5.7	5.8	5.5	5.8	5.9	
G70.0	5.6	5.6	5.8	5.6	5.4	5.4	5.1	5.4	5.6	
G71.0	5.2	5.2	5.5	5.3	5.2	5.1	4.7	5.0	5.2	
G72.0	4.9	4.8	5.1	5.0	4.9	4.7	4.3	4.6	4.9	
G73.0	4.6	4.5	4.7	4.7	4.6	4.3	3.9	4.2	4.6	

C Plane (°):0.0-360.0: 45.0
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Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.970 m
Humidity: 55
Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G74.0	4.2	4.1	4.3	4.3	4.3	3.8	3.3	3.7	4.2	
G75.0	3.8	3.6	3.8	3.9	3.9	3.3	2.8	3.3	3.8	
G76.0	3.4	3.2	3.3	3.4	3.5	2.7	2.2	2.8	3.4	
G77.0	3.0	2.8	2.8	2.9	3.0	2.1	1.6	2.2	3.0	
G78.0	2.5	2.2	2.3	2.2	2.6	1.4	1.1	1.5	2.5	
G79.0	2.1	1.6	1.7	1.5	2.1	0.7	0.7	0.9	2.1	
G80.0	1.5	1.0	1.2	0.9	1.3	0.6	0.6	0.6	1.5	
G81.0	0.9	0.6	0.8	0.7	0.8	0.4	0.4	0.5	0.9	
G82.0	0.6	0.5	0.6	0.6	0.6	0.3	0.3	0.4	0.6	
G83.0	0.5	0.3	0.5	0.5	0.4	0.2	0.3	0.3	0.5	
G84.0	0.4	0.3	0.4	0.4	0.3	0.1	0.1	0.2	0.4	
G85.0	0.2	0.2	0.2	0.3	0.2	0.0	0.1	0.1	0.2	
G86.0	0.2	0.1	0.2	0.1	0.2	0.0	0.1	0.1	0.2	
G87.0	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.1	
G88.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
G89.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
G90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G91.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G92.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G93.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G94.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G95.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	
G96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G97.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	
G98.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	
G99.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	
G100.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	
G101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G102.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	
G103.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	
G104.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
G105.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
G106.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G107.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	
G108.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	
G109.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	
G110.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.0	

C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.970 m
Humidity: 55
Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G111.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	
G112.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	
G113.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	
G114.0	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	
G115.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	
G116.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	
G117.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.0	
G118.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.0	
G119.0	0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.1	
G120.0	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	
G121.0	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	
G122.0	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	
G123.0	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	
G124.0	0.1	0.1	0.1	0.2	0.1	0.0	0.1	0.1	0.1	
G125.0	0.2	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.2	
G126.0	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	
G127.0	0.2	0.2	0.2	0.3	0.0	0.1	0.2	0.2	0.2	
G128.0	0.2	0.2	0.2	0.3	0.1	0.1	0.2	0.2	0.2	
G129.0	0.3	0.3	0.3	0.4	0.1	0.1	0.2	0.2	0.3	
G130.0	0.3	0.3	0.3	0.4	0.1	0.2	0.2	0.2	0.3	
G131.0	0.4	0.4	0.4	0.5	0.2	0.2	0.2	0.3	0.4	
G132.0	0.4	0.5	0.4	0.5	0.2	0.2	0.3	0.3	0.4	
G133.0	0.6	0.6	0.5	0.6	0.2	0.2	0.3	0.3	0.6	
G134.0	0.6	0.6	0.6	0.7	0.3	0.3	0.3	0.4	0.6	
G135.0	0.7	0.7	0.6	0.7	0.3	0.3	0.4	0.4	0.7	
G136.0	0.7	0.7	0.7	0.8	0.3	0.4	0.4	0.4	0.7	
G137.0	0.8	0.8	0.8	0.9	0.4	0.4	0.4	0.5	0.8	
G138.0	0.9	0.9	0.9	1.0	0.4	0.4	0.5	0.5	0.9	
G139.0	1.0	1.0	0.9	1.0	0.4	0.5	0.6	0.6	1.0	
G140.0	1.1	1.0	1.0	1.1	0.5	0.5	0.6	0.7	1.1	
G141.0	1.2	1.2	1.2	1.2	0.6	0.6	0.7	0.7	1.2	
G142.0	1.3	1.3	1.2	1.3	0.6	0.6	0.7	0.7	1.3	
G143.0	1.4	1.3	1.4	1.4	0.6	0.7	0.8	0.7	1.4	
G144.0	1.5	1.5	1.5	1.5	0.7	0.7	0.8	0.8	1.5	
G145.0	1.6	1.6	1.6	1.6	0.7	0.8	0.9	0.9	1.6	
G146.0	1.7	1.7	1.7	1.7	0.8	0.8	0.9	0.9	1.7	
G147.0	1.8	1.8	1.8	1.8	0.8	0.9	1.0	1.0	1.8	

C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.970 m
Humidity: 55
Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G148.0	1.9	1.9	1.8	1.9	0.9	0.9	1.0	1.0	1.9	
G149.0	2.0	2.0	2.0	2.0	1.0	1.0	1.1	1.1	2.0	
G150.0	2.1	2.1	2.1	2.1	1.0	1.0	1.1	1.1	2.1	
G151.0	2.2	2.2	2.2	2.2	1.0	1.1	1.2	1.2	2.2	
G152.0	2.3	2.2	2.3	2.3	1.1	1.2	1.3	1.2	2.3	
G153.0	2.4	2.3	2.4	2.4	1.2	1.2	1.3	1.3	2.4	
G154.0	2.5	2.5	2.5	2.5	1.2	1.3	1.4	1.4	2.5	
G155.0	2.6	2.5	2.5	2.6	1.3	1.3	1.4	1.5	2.6	
G156.0	2.7	2.6	2.6	2.7	1.4	1.4	1.5	1.5	2.7	
G157.0	2.7	2.7	2.7	2.8	1.4	1.4	1.5	1.5	2.7	
G158.0	2.8	2.8	2.8	2.9	1.5	1.5	1.6	1.6	2.8	
G159.0	2.8	2.8	2.9	2.9	1.5	1.5	1.6	1.6	2.8	
G160.0	2.9	2.9	3.0	3.0	1.6	1.6	1.7	1.7	2.9	
G161.0	3.0	3.0	3.0	3.0	1.7	1.6	1.7	1.8	3.0	
G162.0	3.0	3.0	3.1	3.1	1.7	1.7	1.8	1.8	3.0	
G163.0	3.0	3.1	3.1	3.2	1.8	1.8	1.9	1.9	3.0	
G164.0	3.1	3.1	3.2	3.2	1.8	1.8	1.9	1.9	3.1	
G165.0	3.1	3.1	3.2	3.2	1.9	1.9	2.0	2.0	3.1	
G166.0	3.2	3.1	3.2	3.2	2.0	2.0	2.1	2.1	3.2	
G167.0	3.1	3.1	3.2	3.2	2.0	2.1	2.2	2.2	3.1	
G168.0	3.2	3.1	3.2	3.3	2.1	2.1	2.2	2.3	3.2	
G169.0	3.2	3.2	3.3	3.3	2.2	2.2	2.3	2.3	3.2	
G170.0	3.2	3.2	3.3	3.3	2.2	2.3	2.4	2.4	3.2	
G171.0	3.2	3.2	3.3	3.3	2.4	2.4	2.5	2.5	3.2	
G172.0	3.1	3.2	3.3	3.3	2.5	2.5	2.6	2.6	3.1	
G173.0	3.2	3.1	3.3	3.3	2.5	2.6	2.7	2.7	3.2	
G174.0	3.2	3.2	3.3	3.3	2.5	2.6	2.7	2.8	3.2	
G175.0	3.1	3.1	3.2	3.3	2.7	2.7	2.8	2.8	3.1	
G176.0	3.1	3.1	3.2	3.3	2.8	2.8	2.9	2.9	3.1	
G177.0	3.1	3.1	3.3	3.2	2.7	2.8	2.9	3.0	3.1	
G178.0	3.1	3.1	3.2	3.2	2.9	2.9	3.0	3.0	3.1	
G179.0	3.0	3.0	3.2	3.2	3.0	3.0	3.1	3.1	3.0	
G180.0	3.0	3.0	3.1	3.1	3.0	3.0	3.0	3.1	3.0	

C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.970 m
Humidity: 55
Inspector: