

Report No.: 1

Test Time: 2019/3/28 18:41

Luminaire Property

Luminaire Manufacturer: Havit Commercial

Luminaire Description: HCP-8921204 + HCP-8931204 (5500K)

Current: 0.061 A

Power Factor: 0.902

Voltage: 220V

Power: 12.04W

Photometric Results

CIE Class: Direct

Measurement Flux: 1051.5 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(50%): H118.8

Vertical Diffuse Angle(50%): V89.2

Luminaire Efficacy Rating (LER): 87.38

Max. Intensity: 474.03 cd

S/MH(C0/C180): 1.14

Total Rated Lamp Lumens: 1051.5 lm

Efficiency: 100%

Upward Ratio: 1%

Central Intensity: 466.29 cd

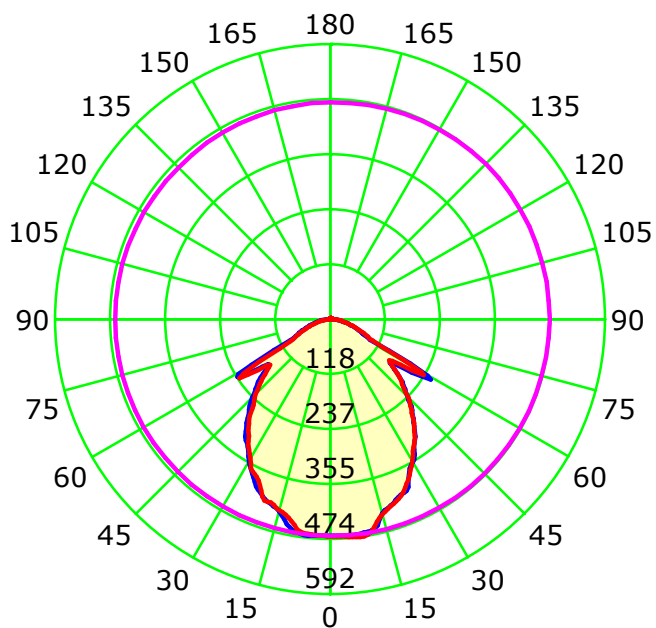
Pos of Max. Intensity: H135 V7

S/MH(C90/C270): 1.13

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 103.8°

— C0-C180 — C90-C270 — G7

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

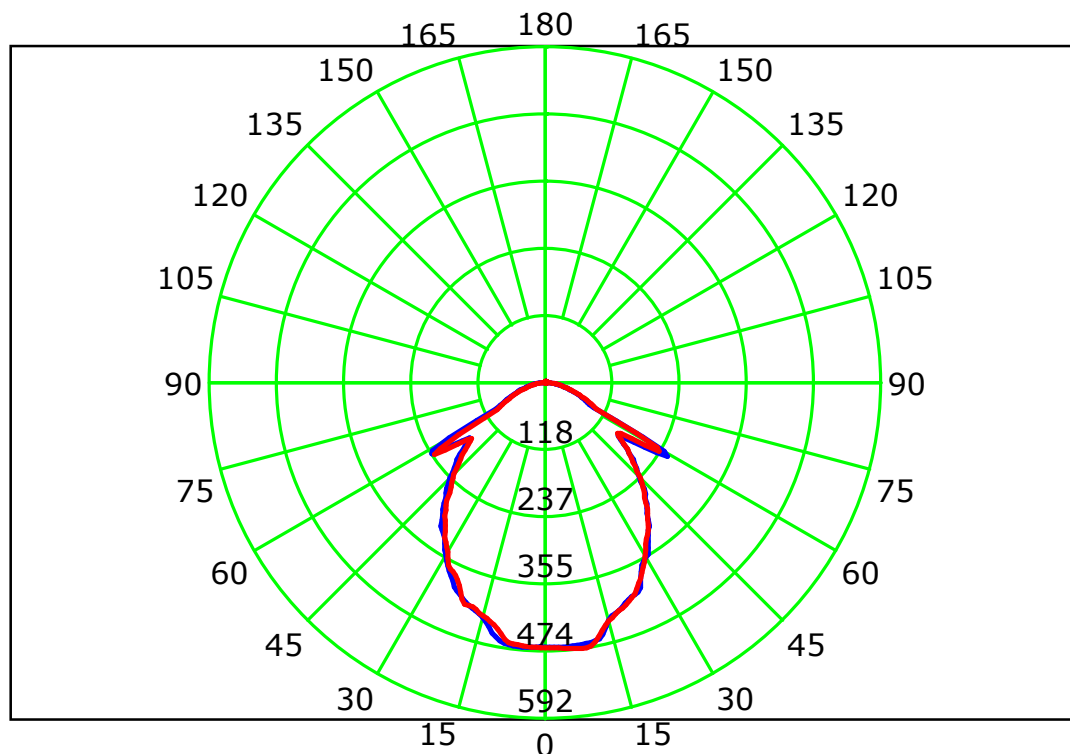
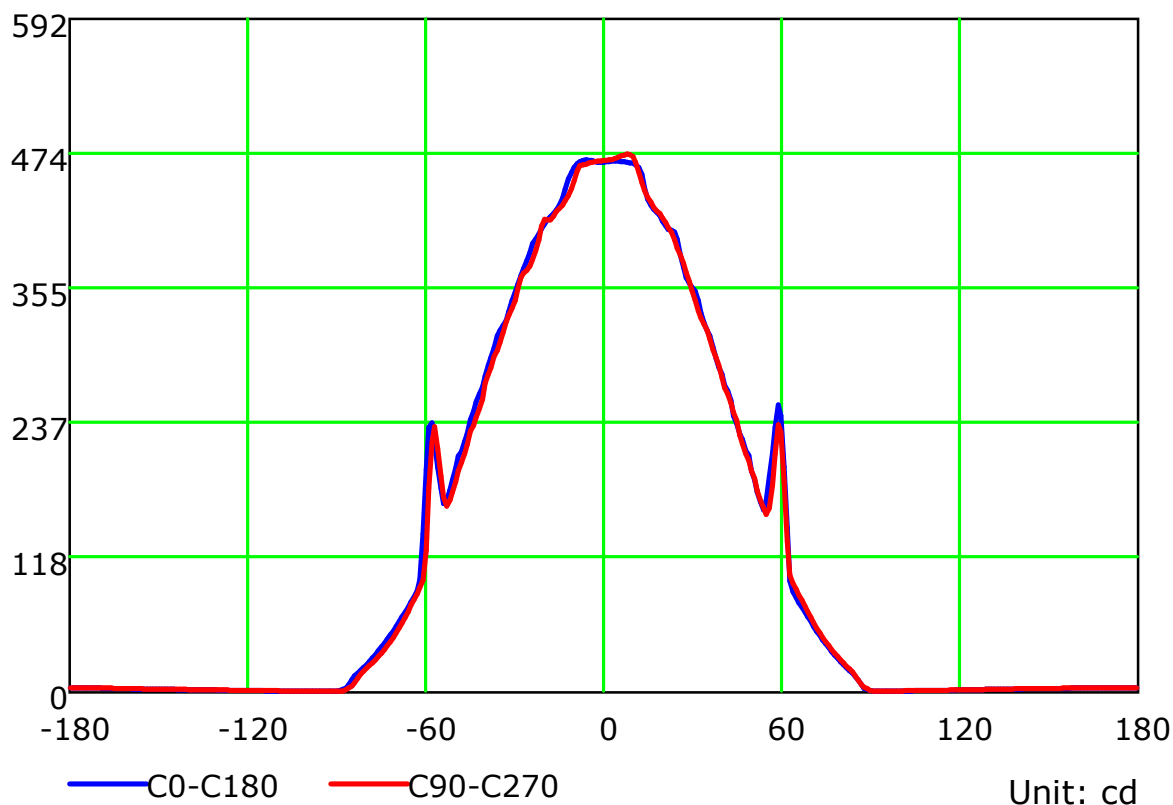
Test Device: GPM-1800B

Distance: 7.970 m

Humidity: 55

Inspector:

Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
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:

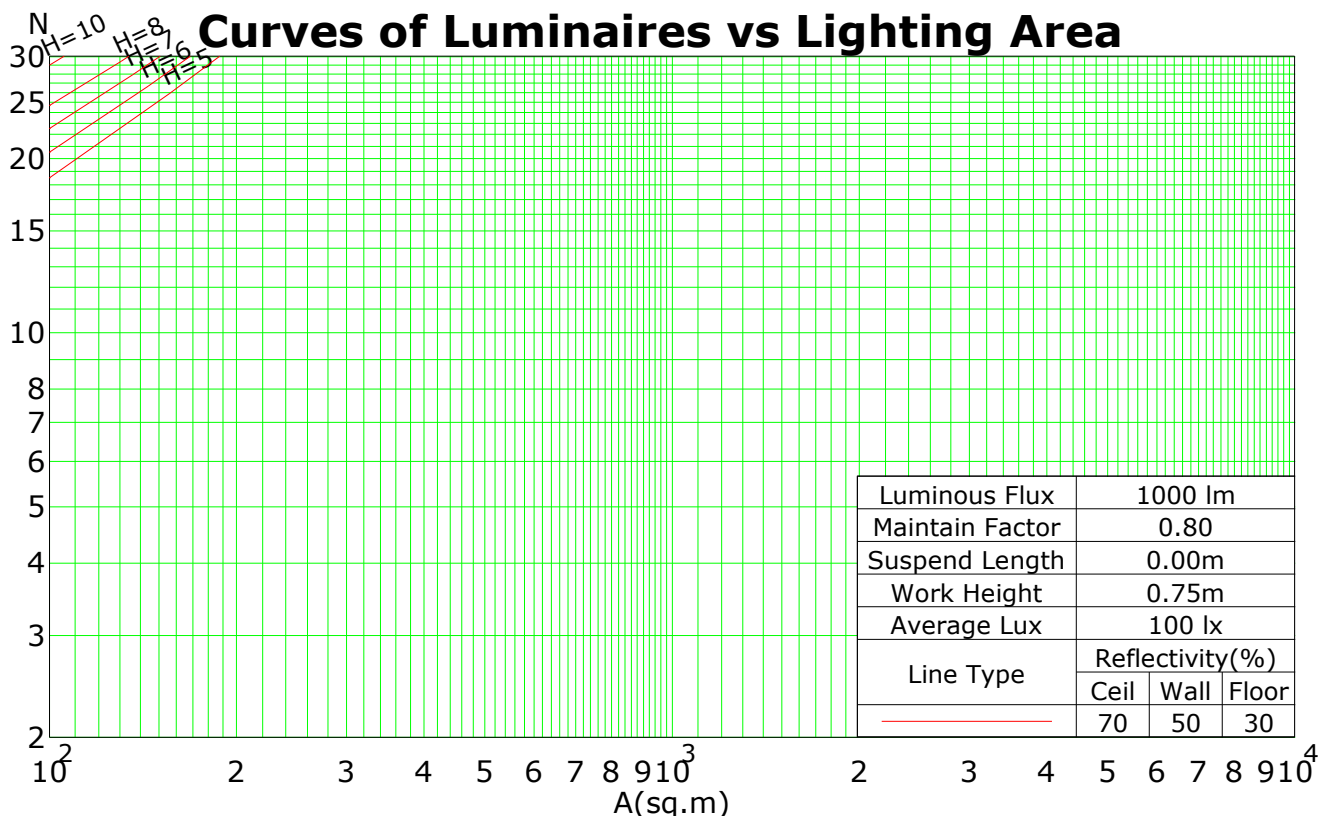
Coefficients Of Utilization - Zonal Cavity Method

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	110	105	102	98	107	103	100	97	99	96	93	95	93	90	91	89	88	86
2	101	93	87	82	98	91	86	81	88	83	79	84	80	77	81	78	75	73
3	92	83	75	69	90	81	74	68	78	72	67	75	70	66	73	68	65	63
4	85	74	66	59	83	73	65	59	70	63	58	68	62	57	65	60	56	54
5	79	66	58	52	76	65	57	51	63	56	51	61	55	50	59	54	50	48
6	73	60	52	46	71	59	51	45	57	50	45	56	49	44	54	48	44	42
7	68	55	46	41	66	54	46	40	52	45	40	51	45	40	50	44	39	37
8	63	50	42	36	62	49	42	36	48	41	36	47	40	36	46	40	36	34
9	59	46	38	33	58	46	38	33	44	38	33	43	37	33	42	37	32	31
10	56	43	35	30	54	42	35	30	41	35	30	40	34	30	39	34	30	28

Spacing Criteria (0-180): 1.14

Spacing Criteria (90-270): 1.13

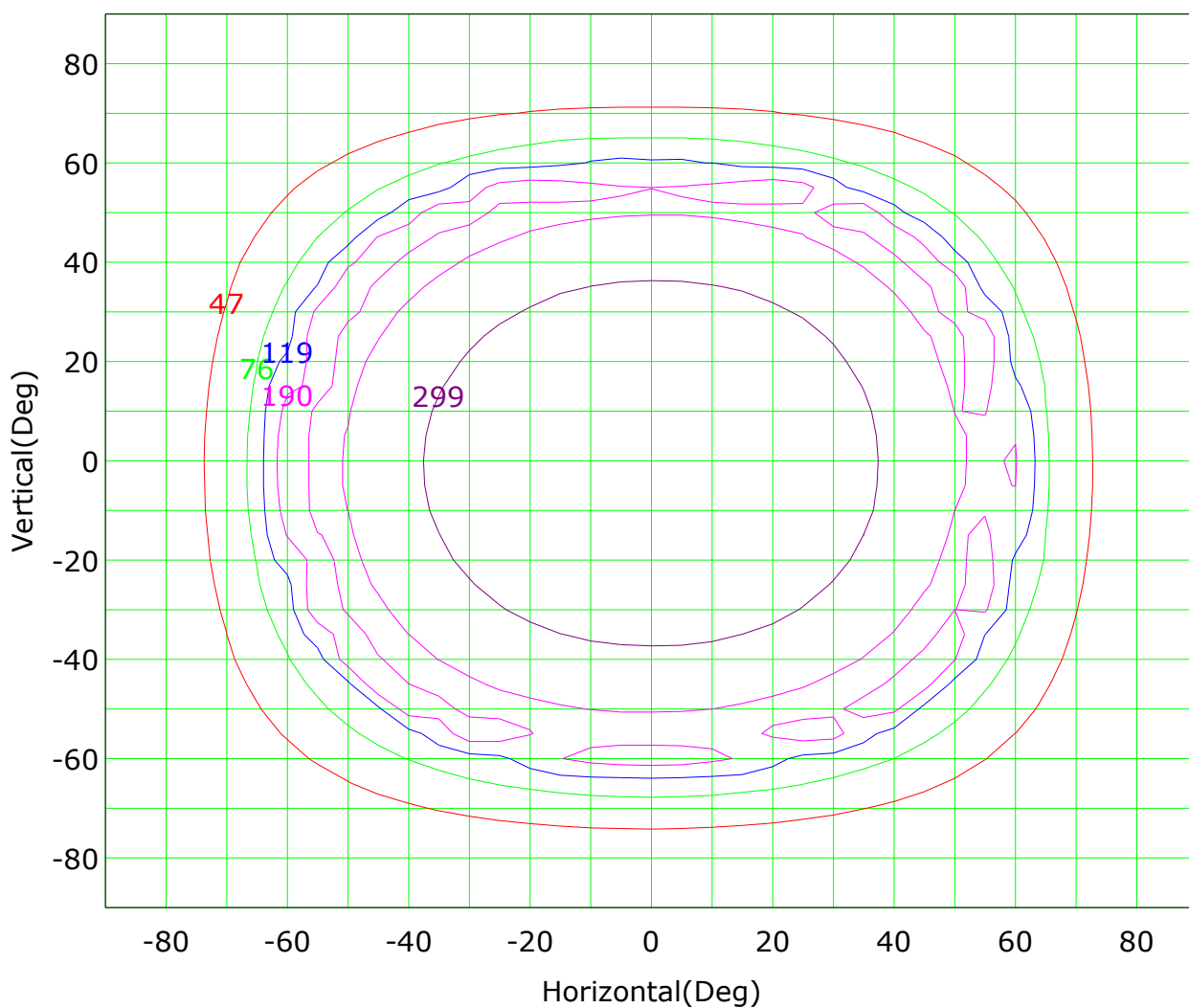
Spacing Criteria (Diagonal): 1.22



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)



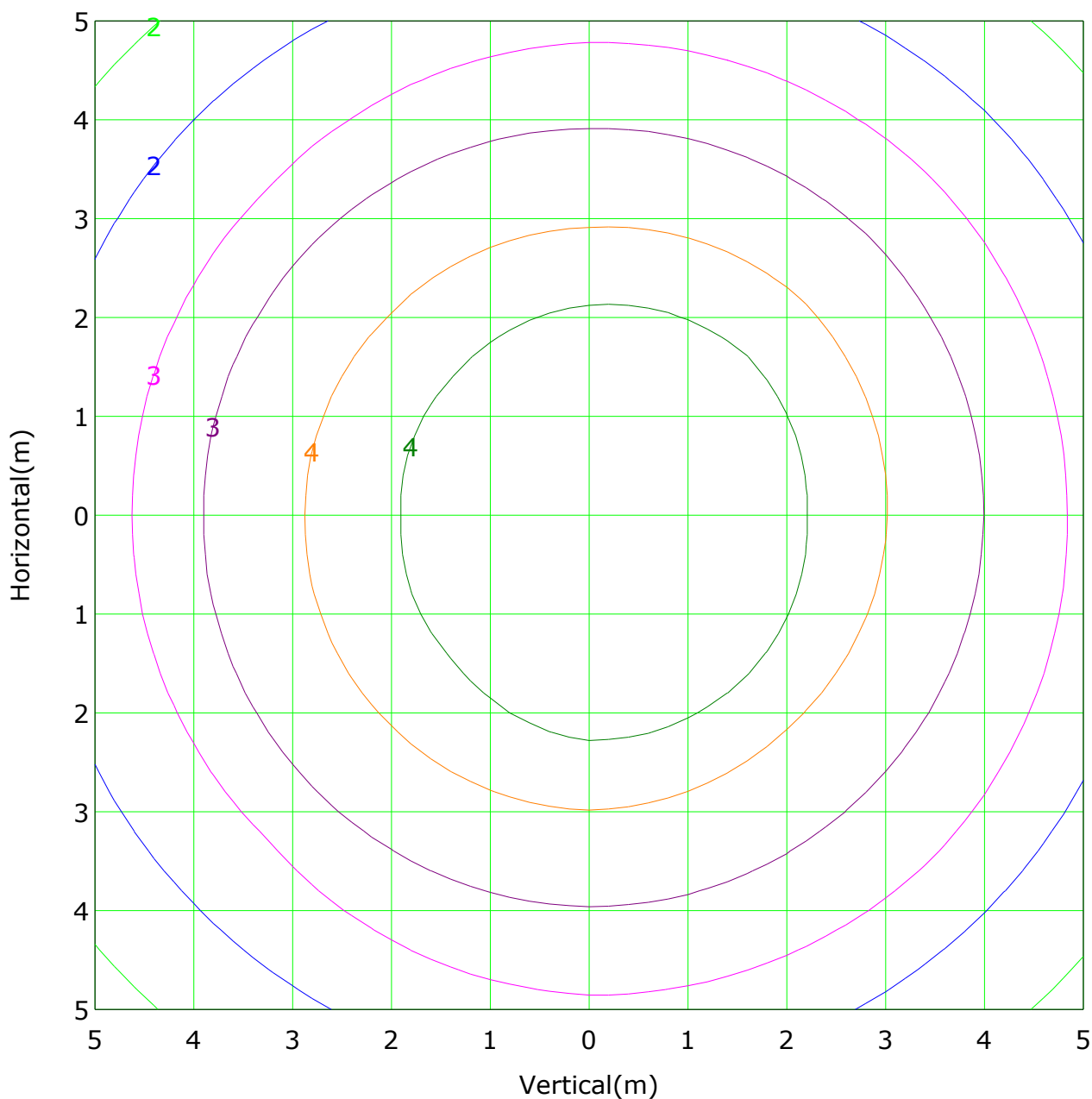
Imax (100%): 474 cd

(10%): 47 cd	(16%): 76 cd
(25%): 119 cd	(40%): 190 cd
(63%): 299 cd	(100%): 474 cd

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:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 4.7 lx

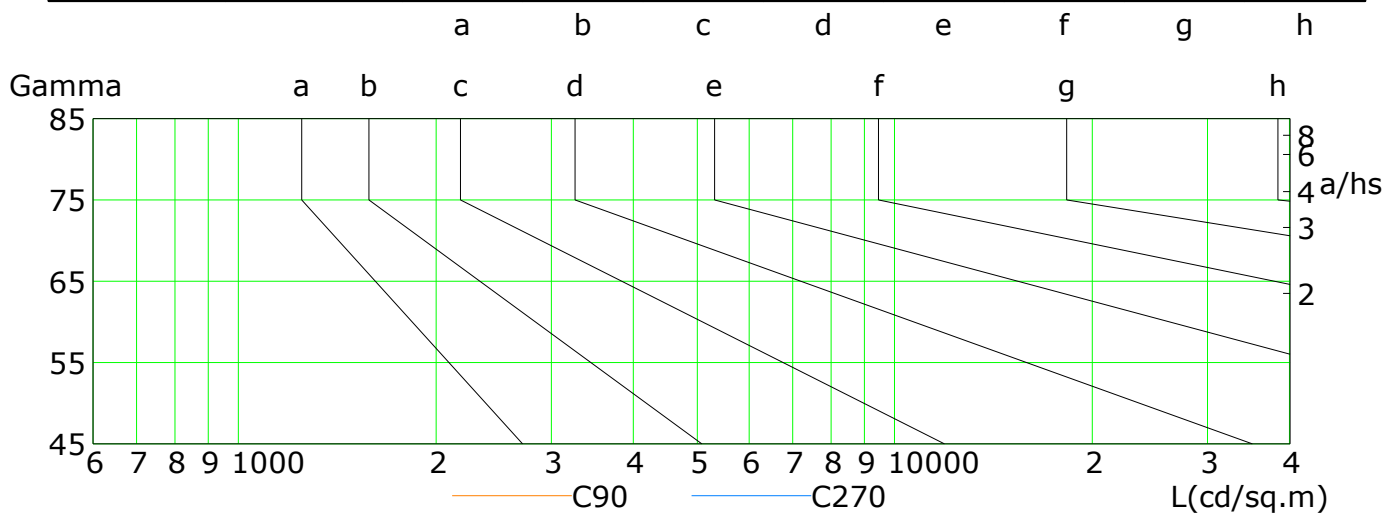
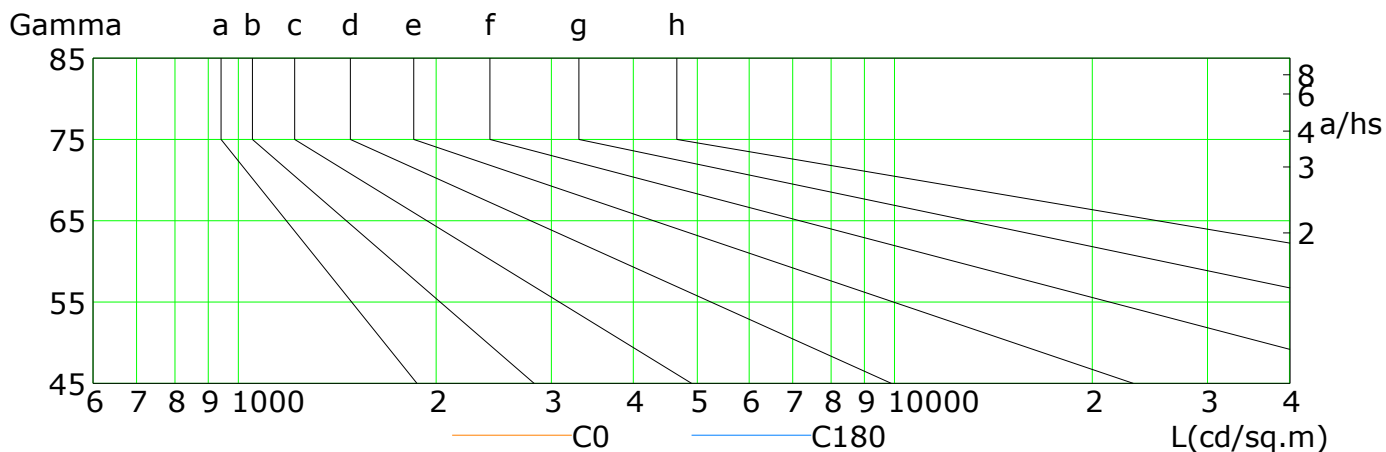
(30%): 1.4 lx	(40%): 1.9 lx
(50%): 2.3 lx	(60%): 2.8 lx
(70%): 3.3 lx	(80%): 3.8 lx
(90%): 4.2 lx	(100%): 4.7 lx
(120%): 5.6 lx	(150%): 7.0 lx

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

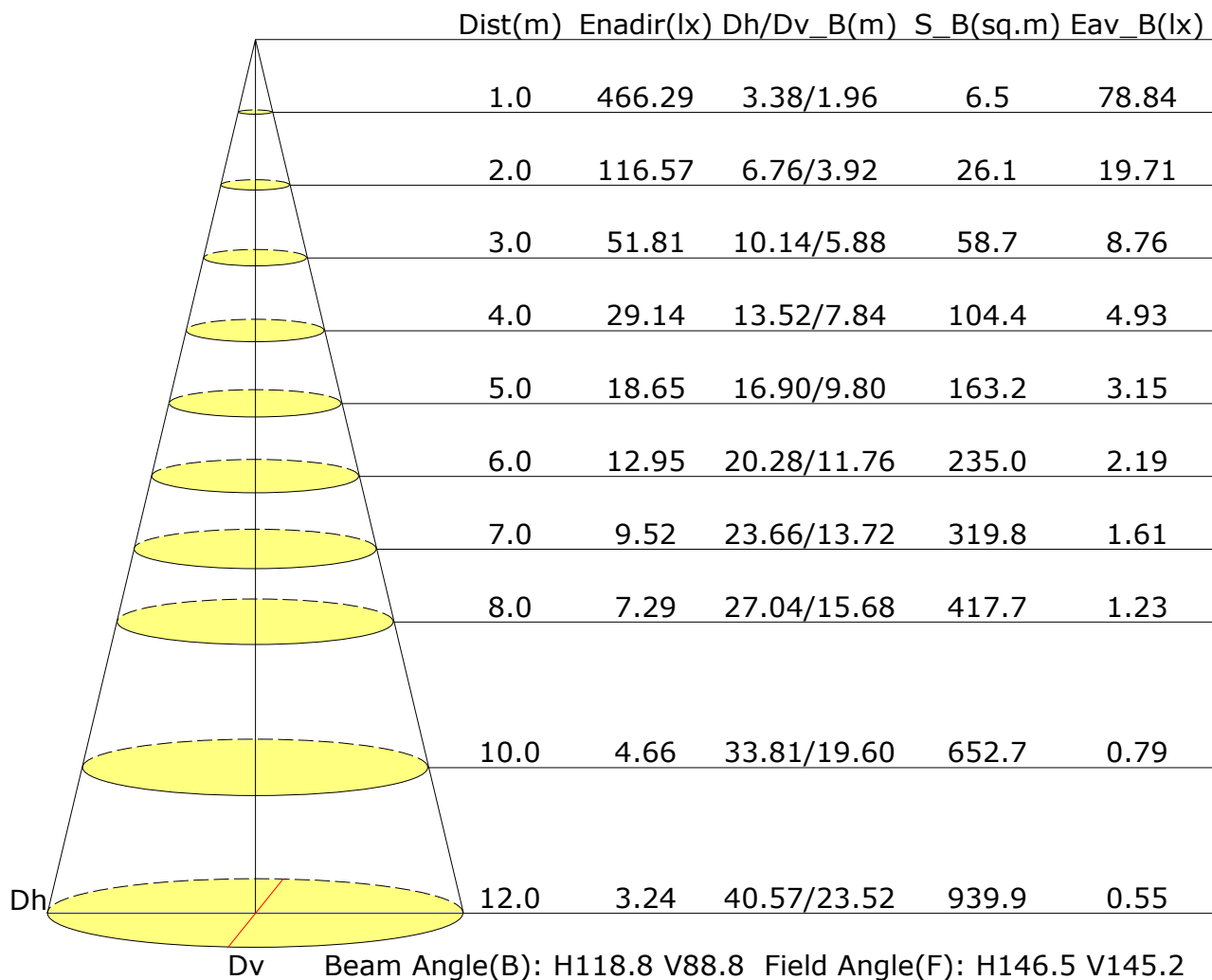


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	236	194	168	243	83	62	42	26	14
C90	239	194	156	229	90	65	44	28	14
C180	239	196	179	196	79	57	39	24	10
C270	229	185	190	124	76	52	34	20	5

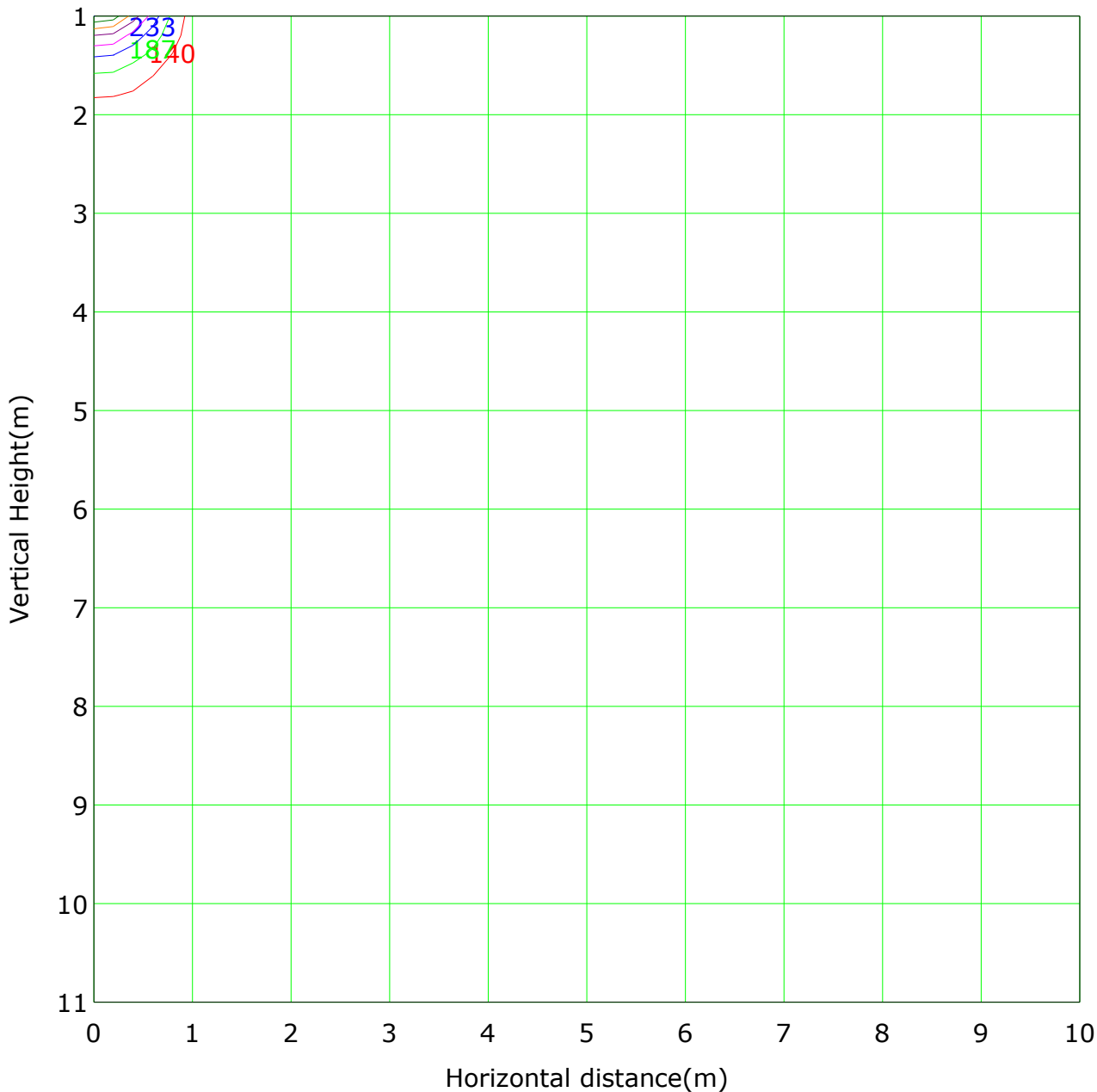
C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

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

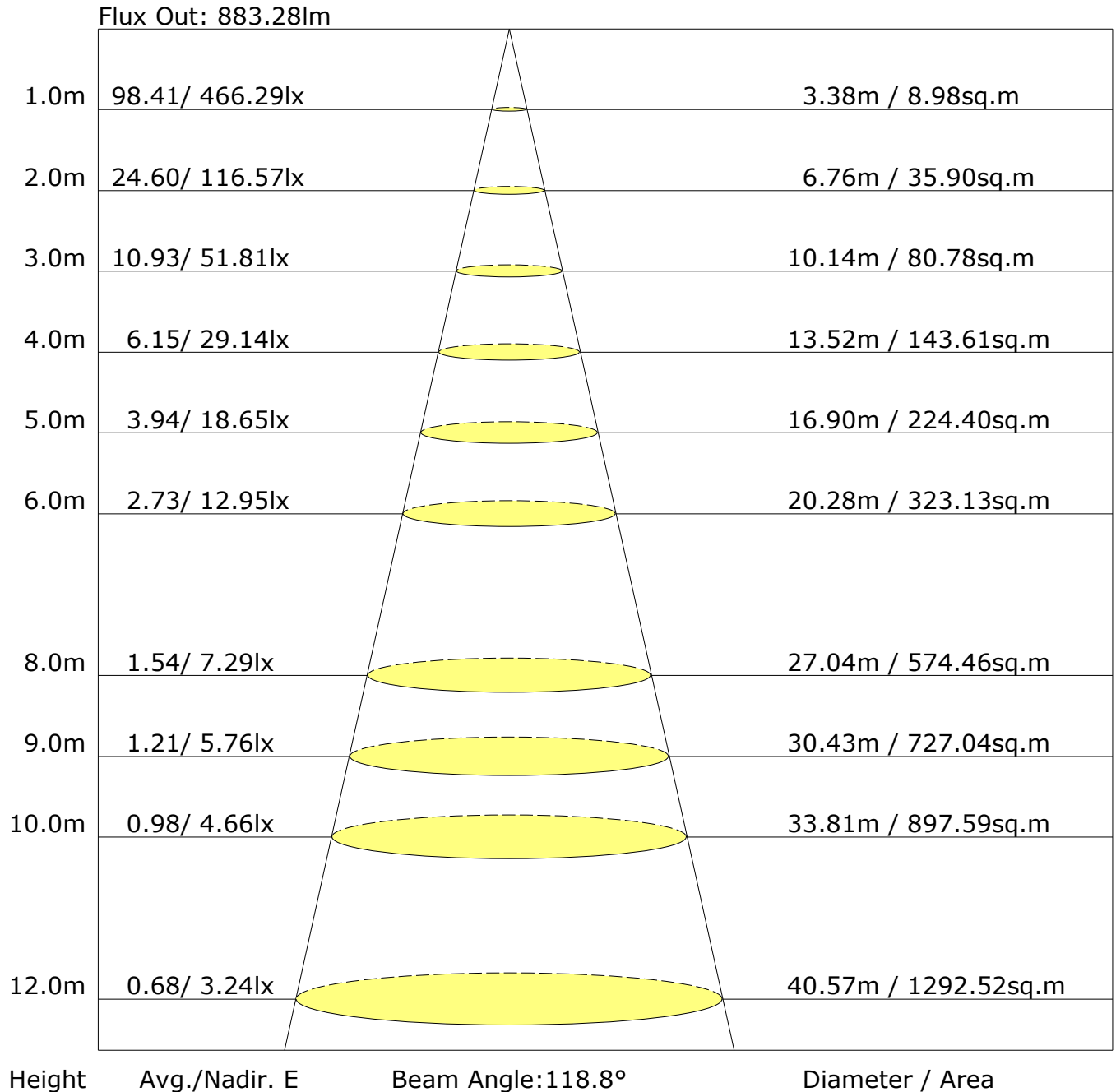


Lowest(m): 1.0m	Highest(m): 11.0m	Max Lux: 466.3 lx
(30%): 139.9 lx	(40%): 186.5 lx	
(50%): 233.1 lx	(60%): 279.8 lx	
(70%): 326.4 lx	(80%): 373.0 lx	
(90%): 419.7 lx	(100%): 466.3 lx	
(120%): 559.5 lx	(150%): 699.4 lx	

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 1051lm ($8\log(F/F_0) = 0.2$).

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	466.3	466.5	468.0	469.0	466.3	466.5	468.0	469.0	466.3	
G1.0	466.7	466.9	468.3	468.8	466.1	466.1	467.8	469.1	466.7	
G2.0	467.1	467.2	468.5	468.9	466.5	466.0	467.4	468.9	467.1	
G3.0	467.3	467.5	468.9	469.5	467.2	465.9	467.0	468.5	467.3	
G4.0	467.3	467.9	469.6	470.5	467.9	465.7	466.5	467.9	467.3	
G5.0	467.3	468.3	470.8	471.8	468.4	465.0	465.7	467.2	467.3	
G6.0	467.1	469.1	471.9	473.1	468.5	464.2	464.7	466.1	467.1	
G7.0	466.9	470.3	472.9	474.0	468.2	463.5	464.0	465.0	466.9	
G8.0	466.4	471.4	473.5	473.9	467.1	463.1	463.4	464.0	466.4	
G9.0	466.0	472.0	473.2	472.5	465.2	462.1	459.0	461.9	466.0	
G10.0	465.6	472.0	471.3	470.3	461.9	458.2	450.3	456.2	465.6	
G11.0	464.2	470.6	466.2	466.7	457.4	447.5	443.3	450.6	464.2	
G12.0	461.9	464.7	457.7	461.4	451.8	438.4	437.2	443.4	461.9	
G13.0	455.7	453.8	448.3	453.6	442.5	432.4	432.3	435.7	455.7	
G14.0	444.1	443.5	441.5	445.6	434.7	428.3	428.7	429.3	444.1	
G15.0	433.7	433.9	435.5	438.7	428.5	425.0	426.0	427.0	433.7	
G16.0	428.3	427.0	431.2	433.1	424.0	422.1	423.0	425.3	428.3	
G17.0	425.2	422.8	426.8	429.3	421.3	419.0	418.8	422.3	425.2	
G18.0	422.5	421.3	423.6	426.0	418.3	416.5	415.6	418.0	422.5	
G19.0	419.3	420.6	421.0	422.8	415.4	414.5	415.5	414.8	419.3	
G20.0	414.3	417.7	417.5	419.3	412.1	412.0	416.1	413.3	414.3	
G21.0	410.5	412.2	413.3	414.1	407.7	408.8	409.8	411.1	410.5	
G22.0	407.3	406.6	409.0	408.6	403.2	403.3	398.1	401.4	407.3	
G23.0	406.5	403.1	405.0	403.3	398.8	394.3	388.7	392.4	406.5	
G24.0	404.9	401.9	398.1	399.0	394.8	382.7	380.6	382.9	404.9	
G25.0	398.6	398.4	391.0	393.3	387.1	375.5	375.1	374.5	398.6	
G26.0	384.8	391.0	384.8	386.4	379.4	370.4	371.2	367.6	384.8	
G27.0	373.7	380.9	377.0	379.3	373.0	367.6	369.0	361.9	373.7	
G28.0	364.7	370.1	369.2	372.0	366.3	364.7	365.1	358.9	364.7	
G29.0	359.7	360.3	361.4	364.5	358.8	359.5	354.6	356.0	359.7	
G30.0	356.4	353.4	353.6	357.0	352.1	351.4	344.7	347.6	356.4	
G31.0	352.9	348.6	345.2	350.5	344.6	340.2	337.8	341.3	352.9	
G32.0	344.5	342.4	335.6	342.3	335.1	331.5	331.4	336.0	344.5	
G33.0	333.8	334.6	329.1	333.7	327.3	325.6	325.9	328.0	333.8	
G34.0	325.0	326.3	323.5	326.7	322.4	321.2	316.3	320.4	325.0	
G35.0	318.1	319.0	318.1	321.7	318.1	315.4	307.5	309.5	318.1	
G36.0	313.2	312.8	310.7	316.6	313.4	307.1	300.7	300.1	313.2	

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	303.5	304.9	301.2	308.5	302.6	300.5	295.3	293.5	303.5	
G38.0	293.2	296.1	293.5	297.6	294.3	294.9	285.4	287.7	293.2	
G39.0	285.6	287.8	287.3	290.2	287.7	286.5	279.4	276.4	285.6	
G40.0	279.9	280.6	276.9	283.3	278.2	276.0	271.9	270.6	279.9	
G41.0	270.1	268.8	268.0	272.6	268.2	268.8	257.4	264.1	270.1	
G42.0	265.1	264.8	262.1	264.1	262.2	260.0	248.9	248.1	265.1	
G43.0	256.7	262.0	254.5	258.8	255.4	251.9	242.1	240.3	256.7	
G44.0	242.9	252.1	246.0	249.1	246.6	247.0	234.3	233.1	242.9	
G45.0	236.1	241.6	238.8	240.5	239.3	235.9	229.2	226.4	236.1	
G46.0	226.6	230.0	225.4	229.9	227.3	228.5	217.4	219.1	226.6	
G47.0	222.2	221.7	218.4	220.8	220.6	217.7	209.7	208.7	222.2	
G48.0	212.4	215.7	209.4	212.3	211.4	211.2	201.5	201.0	212.4	
G49.0	207.8	209.7	203.3	204.4	207.4	203.5	194.6	192.5	207.8	
G50.0	194.3	201.5	194.5	196.7	196.4	196.3	184.9	181.7	194.3	
G51.0	186.5	192.5	187.4	188.9	186.7	184.4	175.9	172.8	186.5	
G52.0	175.8	182.3	176.9	177.7	177.7	174.8	168.3	164.9	175.8	
G53.0	167.6	175.6	168.7	170.2	168.3	167.0	163.5	158.3	167.6	
G54.0	160.0	168.0	161.7	162.6	165.7	168.1	171.0	165.2	160.0	
G55.0	168.0	161.8	155.8	158.5	179.2	181.8	189.9	189.5	168.0	
G56.0	189.6	165.8	161.4	173.3	197.4	207.0	213.4	211.9	189.6	
G57.0	210.0	180.9	182.1	196.4	219.3	235.9	233.4	226.0	210.0	
G58.0	232.9	210.0	209.2	214.4	236.6	250.2	219.4	241.8	232.9	
G59.0	252.4	237.3	235.1	232.1	232.6	219.2	179.0	220.4	252.4	
G60.0	243.2	248.4	228.8	224.3	195.8	158.6	124.3	179.7	243.2	
G61.0	198.0	208.6	185.6	191.4	139.2	108.1	98.0	123.8	198.0	
G62.0	144.4	150.2	132.4	138.3	98.7	91.7	91.6	94.4	144.4	
G63.0	97.2	107.9	102.4	100.8	89.0	86.2	85.8	88.2	97.2	
G64.0	87.8	94.6	95.0	93.2	83.3	81.1	80.8	83.4	87.8	
G65.0	82.8	88.4	89.9	88.1	78.5	76.6	75.8	78.8	82.8	
G66.0	78.3	83.4	85.0	82.7	74.3	72.6	70.2	74.5	78.3	
G67.0	74.1	79.0	80.4	78.2	69.9	67.8	65.2	69.7	74.1	
G68.0	69.7	74.5	75.0	73.7	65.7	63.7	60.2	64.9	69.7	
G69.0	66.0	70.2	70.0	68.3	61.6	59.6	55.9	60.3	66.0	
G70.0	61.8	65.6	65.2	63.6	57.3	55.0	51.8	55.4	61.8	
G71.0	57.5	60.5	60.7	59.1	53.6	50.9	47.8	51.3	57.5	
G72.0	53.0	56.1	55.8	54.4	50.1	46.9	43.8	47.2	53.0	
G73.0	49.2	51.9	51.6	50.4	46.2	42.9	40.3	43.5	49.2	

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 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	45.5	48.0	47.7	46.6	42.8	39.5	37.0	39.7	45.5	
G75.0	42.1	43.9	44.0	42.7	39.4	36.3	33.6	36.4	42.1	
G76.0	38.5	40.3	40.1	39.2	35.8	32.9	30.7	33.2	38.5	
G77.0	35.3	36.9	36.7	35.9	32.7	29.9	27.9	29.9	35.3	
G78.0	32.1	33.6	33.4	32.7	29.6	27.1	25.1	27.1	32.1	
G79.0	29.2	30.1	30.6	29.5	26.5	24.3	22.7	24.4	29.2	
G80.0	26.4	27.1	27.9	26.8	23.7	21.6	20.4	21.7	26.4	
G81.0	23.4	24.4	25.3	24.2	21.2	19.2	18.0	19.4	23.4	
G82.0	20.9	21.6	22.6	21.6	18.8	16.8	15.3	17.2	20.9	
G83.0	18.5	19.3	20.1	19.3	16.1	14.0	11.7	14.7	18.5	
G84.0	16.0	16.8	17.3	16.8	13.7	10.8	7.8	11.5	16.0	
G85.0	13.5	13.9	13.8	13.4	10.4	7.0	4.6	7.1	13.5	
G86.0	10.1	10.1	9.7	9.2	6.2	4.0	3.2	4.1	10.1	
G87.0	6.2	6.1	6.1	5.5	2.7	2.5	1.7	2.8	6.2	
G88.0	2.8	3.4	3.7	3.1	1.9	1.3	0.5	1.5	2.8	
G89.0	2.1	2.4	2.3	2.0	0.9	0.3	0.2	0.3	2.1	
G90.0	1.0	1.1	0.8	0.9	0.0	0.1	0.2	0.2	1.0	
G91.0	0.1	0.3	0.3	0.3	0.0	0.1	0.2	0.1	0.1	
G92.0	0.1	0.2	0.3	0.3	0.0	0.1	0.2	0.2	0.1	
G93.0	0.1	0.3	0.3	0.3	0.1	0.1	0.2	0.2	0.1	
G94.0	0.2	0.3	0.3	0.3	0.1	0.2	0.3	0.2	0.2	
G95.0	0.3	0.3	0.3	0.4	0.1	0.2	0.2	0.2	0.3	
G96.0	0.3	0.4	0.4	0.4	0.1	0.2	0.3	0.3	0.3	
G97.0	0.3	0.4	0.4	0.4	0.1	0.2	0.3	0.3	0.3	
G98.0	0.3	0.4	0.4	0.4	0.1	0.2	0.3	0.3	0.3	
G99.0	0.3	0.4	0.5	0.5	0.2	0.2	0.3	0.3	0.3	
G100.0	0.4	0.5	0.5	0.6	0.2	0.2	0.3	0.3	0.4	
G101.0	0.4	0.5	0.5	0.6	0.2	0.3	0.4	0.4	0.4	
G102.0	0.5	0.6	0.6	0.6	0.2	0.3	0.4	0.4	0.5	
G103.0	0.6	0.6	0.6	0.7	0.3	0.3	0.4	0.4	0.6	
G104.0	0.6	0.6	0.7	0.7	0.3	0.3	0.4	0.4	0.6	
G105.0	0.6	0.7	0.7	0.8	0.3	0.4	0.5	0.4	0.6	
G106.0	0.7	0.7	0.7	0.8	0.3	0.4	0.5	0.5	0.7	
G107.0	0.7	0.8	0.8	0.8	0.3	0.4	0.5	0.5	0.7	
G108.0	0.7	0.8	0.8	0.9	0.3	0.4	0.5	0.5	0.7	
G109.0	0.8	0.9	0.9	0.9	0.4	0.5	0.6	0.6	0.8	
G110.0	0.9	0.9	0.9	0.9	0.4	0.5	0.6	0.6	0.9	

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	0.9	1.0	1.0	1.0	0.4	0.5	0.6	0.6	0.9	
G112.0	0.9	1.0	1.0	1.0	0.5	0.6	0.6	0.7	0.9	
G113.0	0.9	1.1	1.0	1.0	0.5	0.6	0.7	0.7	0.9	
G114.0	1.0	1.1	1.0	1.1	0.5	0.6	0.7	0.8	1.0	
G115.0	1.0	1.1	1.1	1.1	0.6	0.7	0.7	0.8	1.0	
G116.0	1.0	1.1	1.1	1.2	0.6	0.7	0.7	0.8	1.0	
G117.0	1.0	1.2	1.2	1.2	0.6	0.7	0.8	0.8	1.0	
G118.0	1.1	1.2	1.2	1.3	0.7	0.7	0.8	0.8	1.1	
G119.0	1.2	1.3	1.2	1.3	0.7	0.8	0.8	0.9	1.2	
G120.0	1.2	1.3	1.3	1.4	0.7	0.8	0.9	0.9	1.2	
G121.0	1.3	1.4	1.4	1.4	0.8	0.8	0.9	0.9	1.3	
G122.0	1.4	1.4	1.4	1.4	0.8	0.9	1.0	1.0	1.4	
G123.0	1.4	1.5	1.4	1.5	0.8	0.9	1.0	1.0	1.4	
G124.0	1.4	1.5	1.5	1.6	0.9	1.0	1.0	1.1	1.4	
G125.0	1.5	1.6	1.6	1.6	0.9	1.0	1.1	1.1	1.5	
G126.0	1.6	1.6	1.6	1.6	0.9	1.0	1.1	1.1	1.6	
G127.0	1.6	1.7	1.7	1.7	1.0	1.1	1.1	1.2	1.6	
G128.0	1.7	1.7	1.7	1.8	1.0	1.2	1.2	1.2	1.7	
G129.0	1.7	1.8	1.8	1.8	1.1	1.2	1.2	1.3	1.7	
G130.0	1.8	1.8	1.9	1.8	1.1	1.3	1.3	1.3	1.8	
G131.0	1.8	1.9	1.9	1.9	1.1	1.3	1.3	1.4	1.8	
G132.0	1.8	2.0	1.9	1.9	1.2	1.3	1.4	1.4	1.8	
G133.0	1.9	2.0	2.0	2.0	1.3	1.4	1.4	1.5	1.9	
G134.0	2.0	2.0	2.1	2.1	1.3	1.4	1.5	1.6	2.0	
G135.0	2.0	2.1	2.1	2.1	1.4	1.5	1.5	1.6	2.0	
G136.0	2.1	2.1	2.1	2.1	1.4	1.5	1.6	1.6	2.1	
G137.0	2.1	2.1	2.2	2.2	1.4	1.5	1.6	1.7	2.1	
G138.0	2.0	2.2	2.2	2.2	1.4	1.5	1.6	1.7	2.0	
G139.0	2.2	2.2	2.3	2.3	1.4	1.6	1.6	1.7	2.2	
G140.0	2.2	2.3	2.3	2.3	1.5	1.6	1.7	1.7	2.2	
G141.0	2.3	2.3	2.3	2.3	1.5	1.6	1.7	1.8	2.3	
G142.0	2.3	2.4	2.4	2.3	1.6	1.7	1.8	1.8	2.3	
G143.0	2.3	2.4	2.4	2.4	1.6	1.7	1.8	1.9	2.3	
G144.0	2.4	2.5	2.5	2.5	1.7	1.8	1.9	1.9	2.4	
G145.0	2.4	2.5	2.5	2.5	1.7	1.8	1.9	2.0	2.4	
G146.0	2.5	2.6	2.6	2.6	1.7	1.9	2.0	2.0	2.5	
G147.0	2.5	2.6	2.6	2.6	1.8	1.9	2.0	2.0	2.5	

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	2.5	2.6	2.7	2.7	1.8	1.9	2.0	2.1	2.5	
G149.0	2.6	2.6	2.7	2.7	1.8	2.0	2.0	2.1	2.6	
G150.0	2.6	2.7	2.7	2.6	1.9	2.0	2.1	2.1	2.6	
G151.0	2.7	2.7	2.7	2.7	1.9	2.0	2.1	2.1	2.7	
G152.0	2.7	2.7	2.7	2.8	1.9	2.1	2.1	2.2	2.7	
G153.0	2.7	2.8	2.8	2.8	2.0	2.1	2.2	2.2	2.7	
G154.0	2.8	2.8	2.8	2.8	2.0	2.1	2.2	2.3	2.8	
G155.0	2.8	2.8	2.8	2.9	2.1	2.2	2.3	2.4	2.8	
G156.0	2.8	2.9	2.8	2.9	2.1	2.2	2.3	2.4	2.8	
G157.0	2.8	2.9	2.9	2.9	2.2	2.2	2.3	2.5	2.8	
G158.0	2.8	2.9	2.9	3.0	2.2	2.3	2.4	2.5	2.8	
G159.0	2.9	3.0	3.0	3.0	2.3	2.4	2.4	2.5	2.9	
G160.0	2.8	3.0	3.0	3.0	2.3	2.4	2.5	2.6	2.8	
G161.0	2.9	3.0	3.0	3.1	2.3	2.5	2.6	2.6	2.9	
G162.0	2.9	3.0	3.0	3.1	2.4	2.5	2.6	2.7	2.9	
G163.0	3.0	3.1	3.1	3.1	2.5	2.6	2.7	2.8	3.0	
G164.0	3.0	3.1	3.1	3.1	2.5	2.6	2.8	2.8	3.0	
G165.0	3.0	3.1	3.1	3.2	2.6	2.7	2.8	2.8	3.0	
G166.0	3.1	3.1	3.1	3.2	2.7	2.8	2.8	2.9	3.1	
G167.0	3.0	3.2	3.2	3.2	2.7	2.8	2.9	3.0	3.0	
G168.0	3.1	3.2	3.2	3.2	2.8	2.9	3.0	3.0	3.1	
G169.0	3.1	3.2	3.2	3.2	2.8	2.9	3.0	3.1	3.1	
G170.0	3.1	3.2	3.2	3.2	2.9	2.9	3.1	3.1	3.1	
G171.0	3.1	3.2	3.2	3.3	2.9	3.0	3.2	3.2	3.1	
G172.0	3.1	3.2	3.3	3.3	2.9	3.0	3.1	3.2	3.1	
G173.0	3.2	3.2	3.3	3.3	2.9	3.0	3.2	3.2	3.2	
G174.0	3.1	3.2	3.3	3.3	3.0	3.0	3.2	3.2	3.1	
G175.0	3.1	3.3	3.3	3.3	3.0	3.1	3.3	3.2	3.1	
G176.0	3.2	3.2	3.3	3.3	3.0	3.1	3.2	3.2	3.2	
G177.0	3.2	3.3	3.3	3.3	3.0	3.1	3.3	3.3	3.2	
G178.0	3.1	3.3	3.3	3.3	3.0	3.1	3.3	3.3	3.1	
G179.0	3.1	3.3	3.3	3.3	3.0	3.2	3.3	3.3	3.1	
G180.0	3.1	3.3	3.3	3.3	3.0	3.2	3.3	3.3	3.1	

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: