

Report No.: 1

Test Time: 2019/3/28 11:46

Luminaire Property

Luminaire Manufacturer: Havit Commercial

Luminaire Description: HCP-8021804 + HCP-8031804 (4000K)

Current: 0.078 A

Power Factor: 0.875

Voltage: 220.3 V

Power: 15.03 W

Photometric Results

CIE Class: Direct

Measurement Flux: 1199 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(50%): H24.4

Vertical Diffuse Angle(50%): V24.2

Luminaire Efficacy Rating (LER): 79.83

Max. Intensity: 2578.42 cd

S/MH(C0/C180): 0.41

Total Rated Lamp Lumens: 1199.0 lm

Efficiency: 100%

Upward Ratio: 1%

Central Intensity: 2534.91 cd

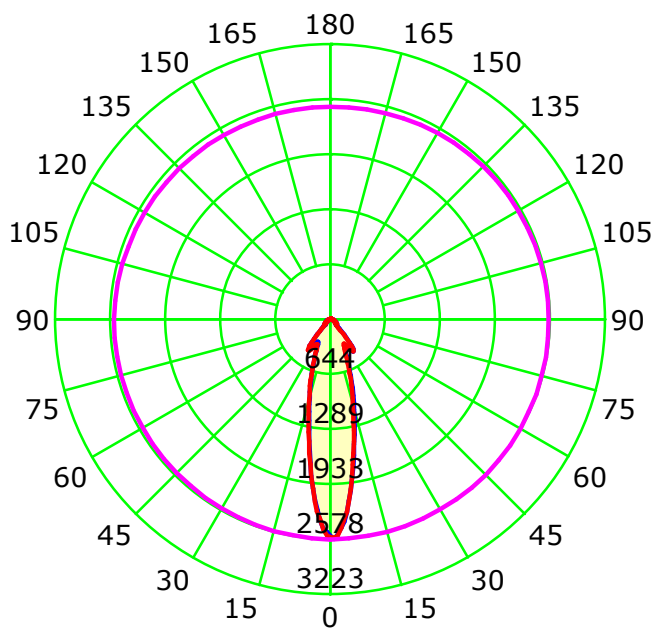
Pos of Max. Intensity: H0 V1

S/MH(C90/C270): 0.40

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 24.2°

— 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

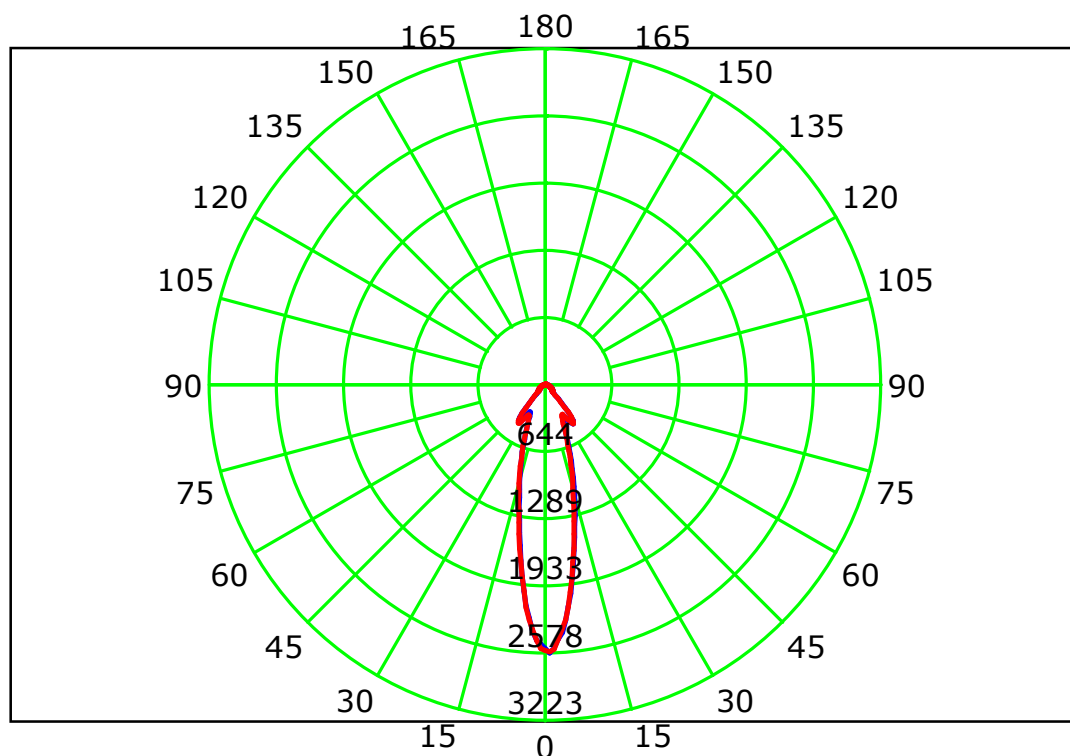
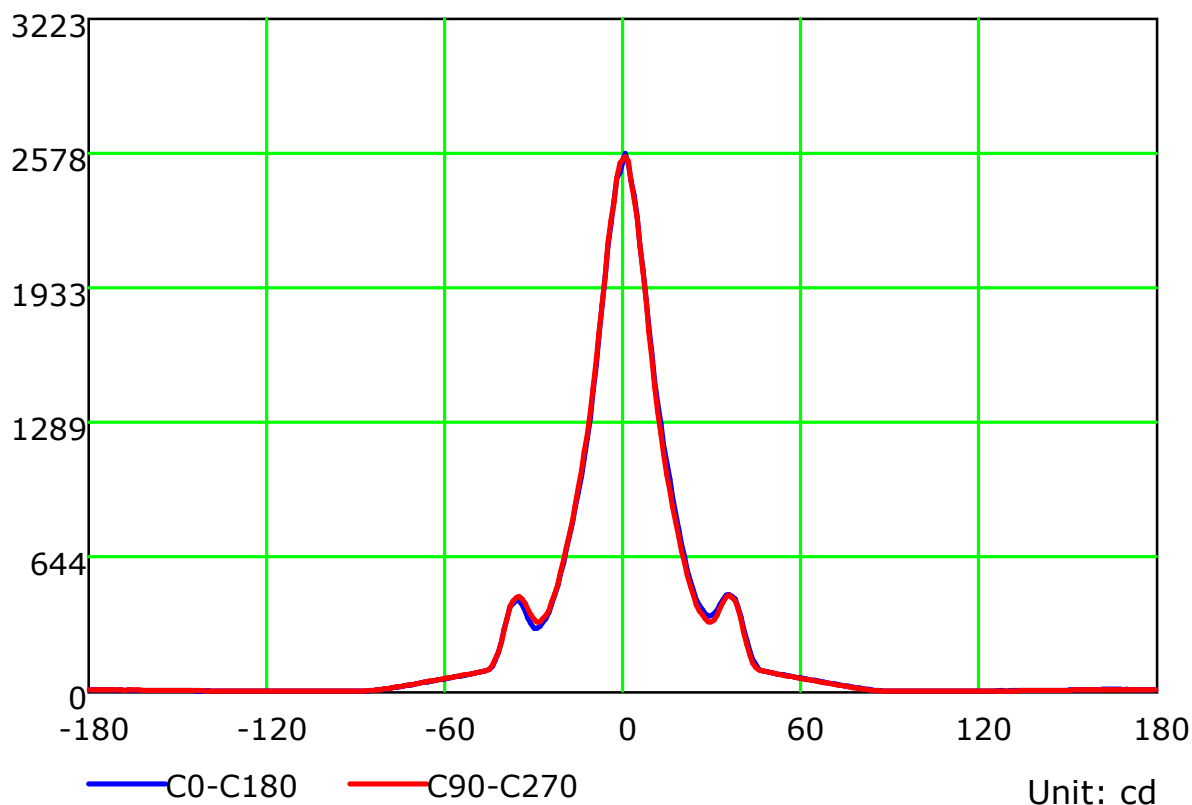
Test Device: GPM-1800B

Distance: 7.970 m

Humidity: 55

Inspector:

Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
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Gamma Plane (°):0.0-180.0:1.0
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Inspector:

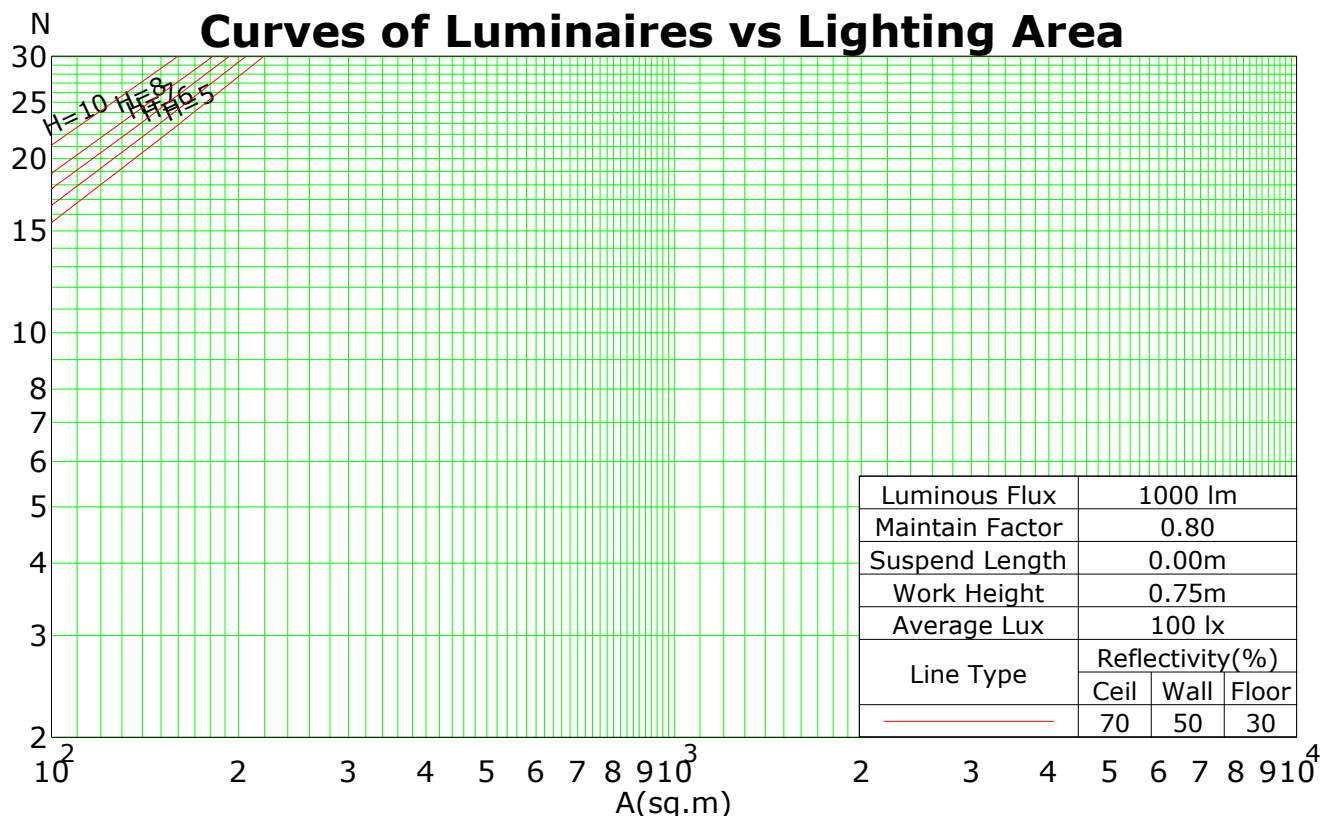
Coefficients Of Utilization - Zonal Cavity Method

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	110	110	110	105	105	105	101	101	101	99
1	112	109	106	103	109	106	104	101	102	100	98	98	96	95	94	93	92	90
2	105	100	95	91	103	98	93	90	94	91	88	91	88	85	88	86	83	82
3	99	92	86	81	97	90	85	81	87	83	79	85	81	78	82	79	76	75
4	94	85	79	74	92	84	78	73	81	76	72	79	75	71	77	73	70	69
5	88	79	73	68	87	78	72	67	76	71	67	74	69	66	72	68	65	63
6	84	74	67	63	82	73	67	62	71	66	62	70	65	61	68	64	61	59
7	79	69	63	58	78	69	62	58	67	62	58	66	61	57	65	60	57	55
8	76	65	59	54	74	65	59	54	63	58	54	62	57	54	61	57	53	52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49
10	69	59	52	48	68	58	52	48	57	52	48	56	51	48	55	51	48	46

Spacing Criteria (0-180): 0.41

Spacing Criteria (90-270): 0.40

Spacing Criteria (Diagonal): 0.48



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

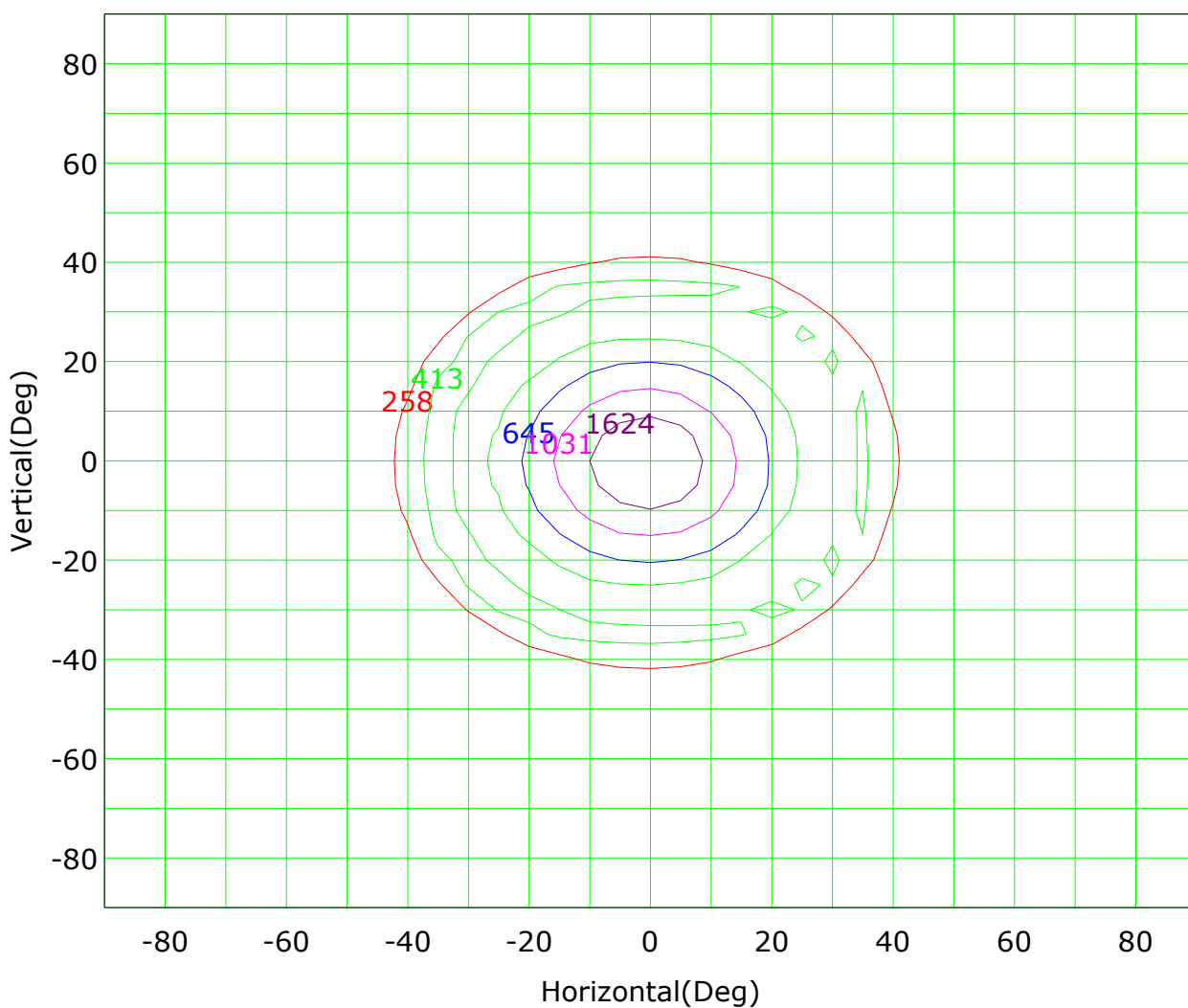
Test Device: GPM-1800B

Distance: 7.970 m

Humidity: 55

Inspector:

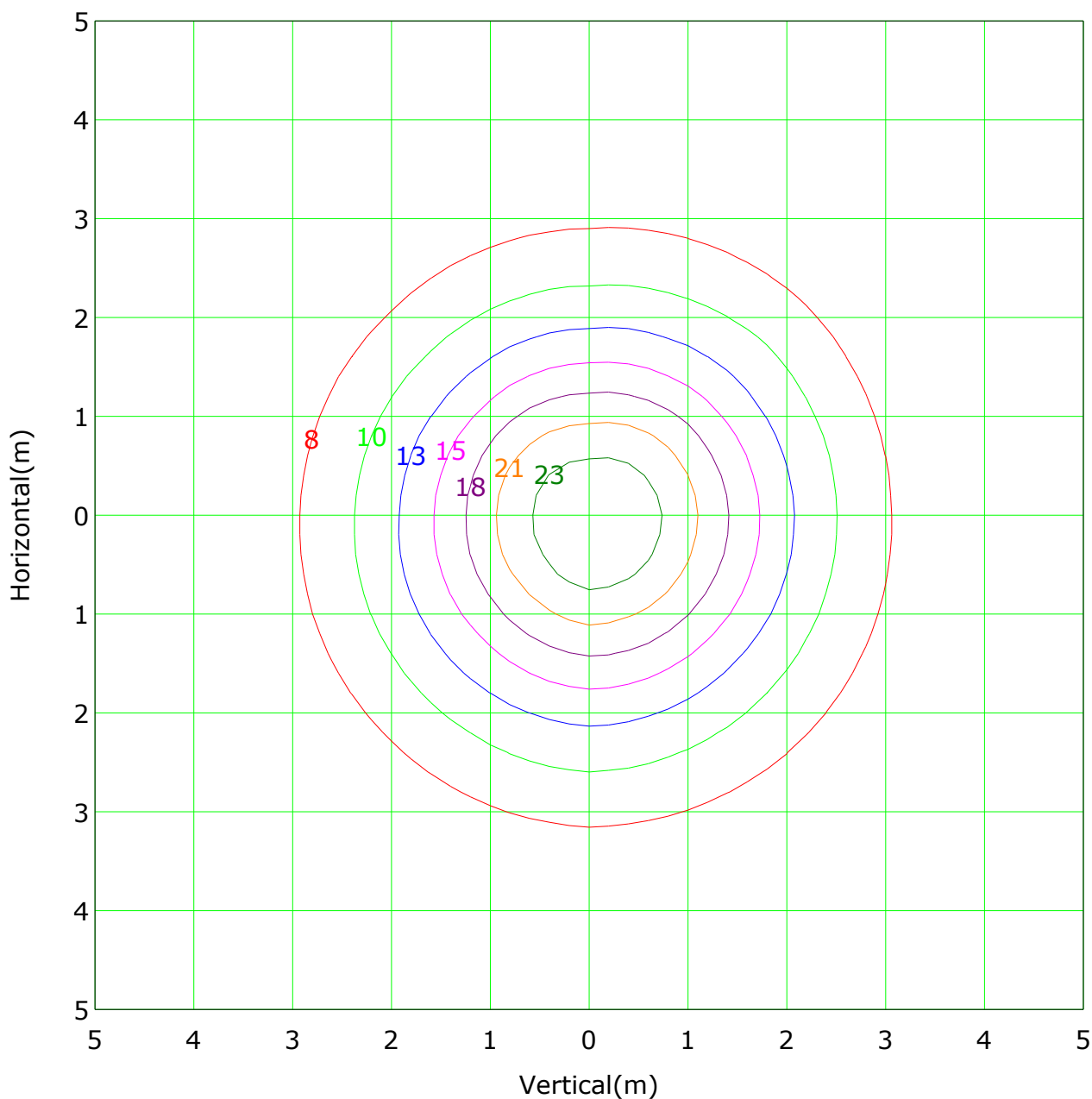
Isocandela (rectangle)



Imax (100%): 2578 cd

(10%): 258 cd	(16%): 413 cd
(25%): 645 cd	(40%): 1031 cd
(63%): 1624 cd	(100%): 2578 cd

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 25.8 lx	
(30%): 7.7 lx	(40%): 10.3 lx
(50%): 12.9 lx	(60%): 15.5 lx
(70%): 18.0 lx	(80%): 20.6 lx
(90%): 23.2 lx	(100%): 25.8 lx
(120%): 30.9 lx	(150%): 38.7 lx

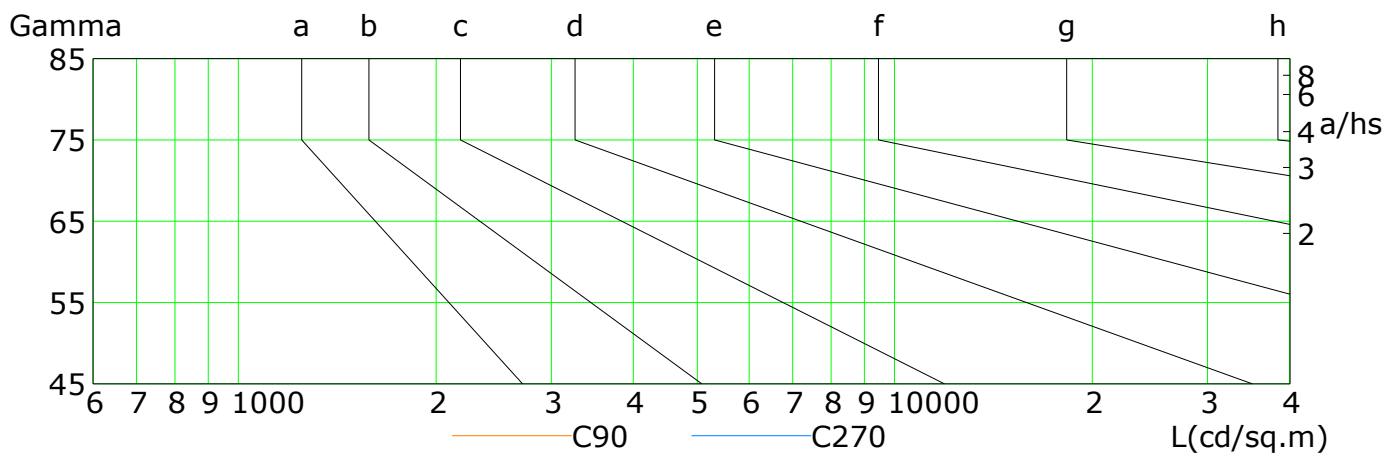
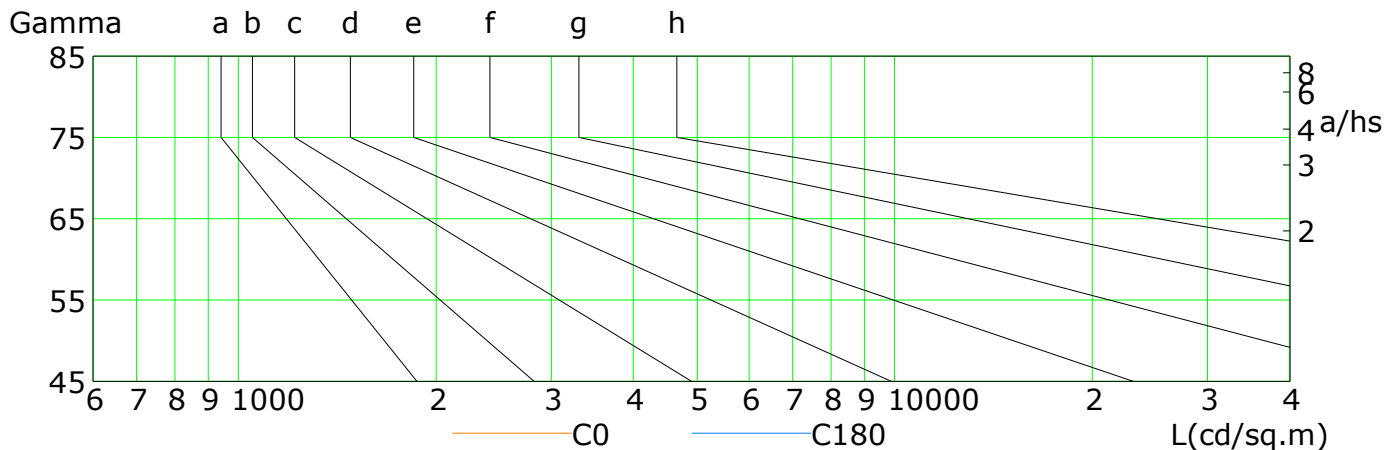
C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

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

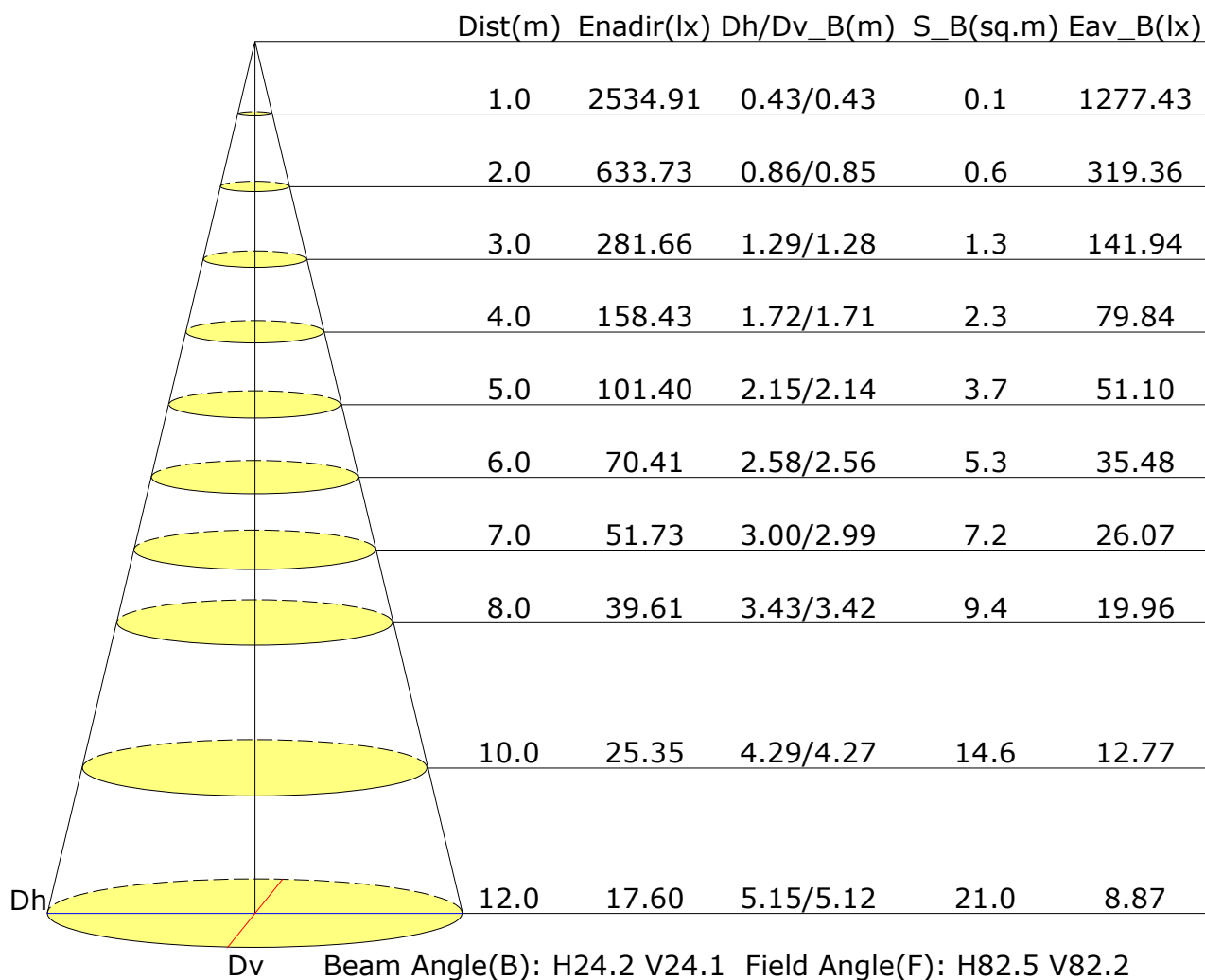


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	130	91	78	65	52	40	27	16	6
C90	114	90	76	63	50	38	25	14	5
C180	105	87	73	61	48	35	24	12	4
C270	107	88	75	62	49	36	24	13	4

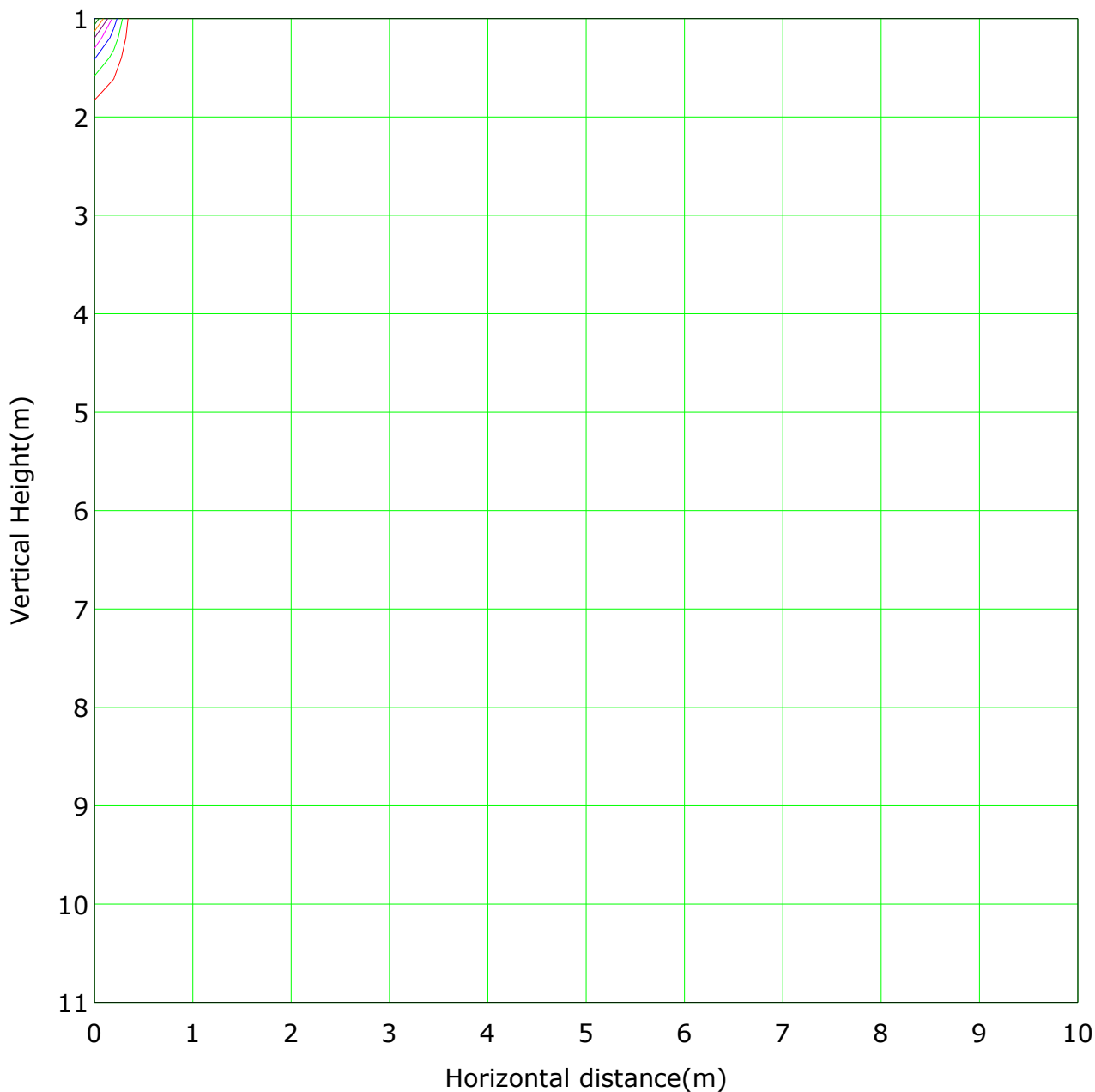
C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

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

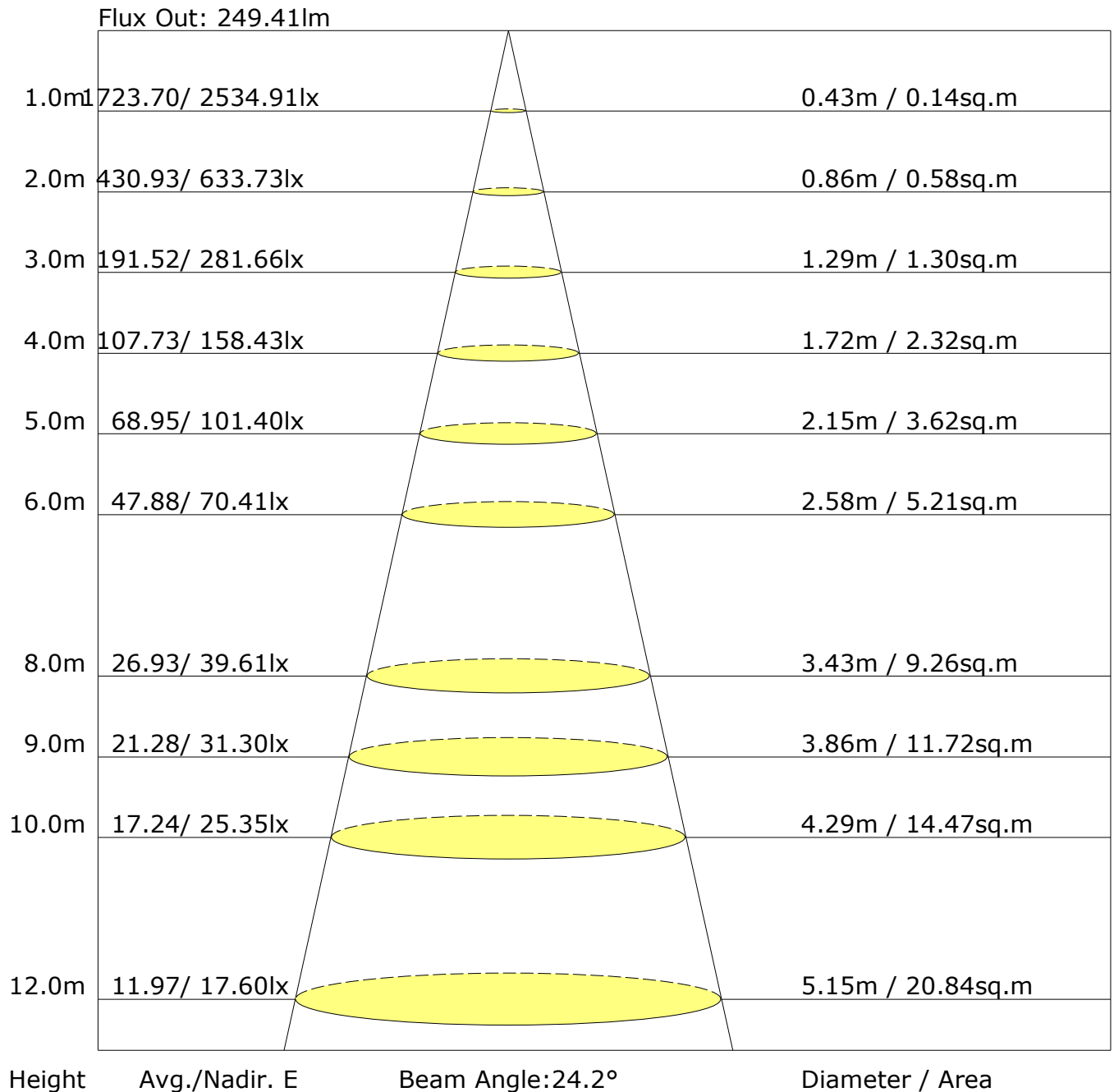


Lowest(m): 1.0m	Highest(m): 11.0m	Max Lux: 2534.9 lx
(30%): 760.5 lx	(40%): 1014.0 lx	
(50%): 1267.5 lx	(60%): 1520.9 lx	
(70%): 1774.4 lx	(80%): 2027.9 lx	
(90%): 2281.4 lx	(100%): 2534.9 lx	
(120%): 3041.9 lx	(150%): 3802.4 lx	

C Plane (°): 0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
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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 1199lm ($8\log(F/F_0) = 0.6$).

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	2534.9	2536.6	2549.1	2564.2	2534.9	2536.6	2549.1	2564.2	2534.9	
G1.0	2578.4	2578.3	2563.3	2539.5	2489.4	2502.1	2534.7	2548.7	2578.4	
G2.0	2530.7	2537.6	2542.6	2514.7	2459.4	2466.5	2462.1	2465.6	2530.7	
G3.0	2450.0	2455.2	2452.5	2439.7	2363.4	2362.7	2348.7	2380.4	2450.0	
G4.0	2381.7	2376.8	2362.5	2317.5	2242.7	2250.6	2260.6	2299.3	2381.7	
G5.0	2272.0	2274.4	2267.7	2224.6	2128.4	2135.7	2146.5	2174.9	2272.0	
G6.0	2140.2	2137.6	2142.4	2095.7	1994.7	1999.4	1992.8	2041.3	2140.2	
G7.0	2022.4	2020.4	2008.5	1955.9	1849.5	1853.4	1855.8	1910.1	2022.4	
G8.0	1876.6	1873.4	1869.8	1817.2	1698.8	1706.3	1716.8	1782.1	1876.6	
G9.0	1750.7	1742.3	1723.3	1664.7	1565.1	1559.8	1592.3	1649.5	1750.7	
G10.0	1617.1	1603.0	1592.9	1543.9	1440.9	1428.9	1456.5	1523.9	1617.1	
G11.0	1491.5	1471.9	1462.1	1417.3	1315.5	1308.3	1347.6	1415.7	1491.5	
G12.0	1379.4	1359.7	1338.2	1314.5	1215.1	1201.8	1232.3	1308.5	1379.4	
G13.0	1285.8	1261.4	1232.4	1206.0	1114.4	1112.0	1149.3	1207.8	1285.8	
G14.0	1184.6	1156.6	1140.7	1125.2	1032.9	1020.7	1060.2	1111.1	1184.6	
G15.0	1100.0	1073.8	1040.4	1040.9	955.4	945.1	981.3	1030.6	1100.0	
G16.0	1018.4	996.4	962.4	967.6	883.6	871.5	894.3	946.8	1018.4	
G17.0	936.0	918.3	885.3	881.9	811.5	806.9	821.2	870.1	936.0	
G18.0	850.4	844.7	812.5	806.1	745.0	742.3	753.4	791.3	850.4	
G19.0	775.9	764.4	737.1	736.3	680.3	681.6	689.3	724.6	775.9	
G20.0	706.7	694.6	675.1	672.8	616.3	625.5	629.7	661.6	706.7	
G21.0	644.2	632.6	616.1	607.7	561.8	575.4	573.2	603.5	644.2	
G22.0	581.7	569.8	557.2	551.8	509.5	523.2	515.4	549.6	581.7	
G23.0	529.3	517.9	504.8	493.3	461.7	473.6	469.1	496.6	529.3	
G24.0	479.6	472.7	459.6	445.9	416.3	430.8	427.8	455.5	479.6	
G25.0	441.6	429.2	415.2	402.1	377.9	388.3	389.6	423.7	441.6	
G26.0	413.9	399.4	385.4	365.3	347.6	357.0	364.7	398.7	413.9	
G27.0	391.3	377.2	366.4	339.6	329.9	332.9	347.2	373.5	391.3	
G28.0	372.5	355.8	348.2	322.9	312.3	318.1	334.3	350.0	372.5	
G29.0	361.3	346.9	332.4	309.5	301.9	306.9	334.3	340.2	361.3	
G30.0	362.8	349.7	332.4	312.5	303.3	308.6	344.3	346.2	362.8	
G31.0	372.4	362.7	342.2	327.7	324.2	323.4	366.9	365.2	372.4	
G32.0	392.1	386.6	365.8	357.3	351.0	348.0	394.0	392.5	392.1	
G33.0	414.8	412.8	398.2	387.7	386.1	383.9	423.0	422.1	414.8	
G34.0	440.9	439.2	429.1	417.1	416.5	415.5	444.4	450.3	440.9	
G35.0	462.2	460.0	454.2	438.6	436.2	435.5	454.8	465.8	462.2	
G36.0	465.9	465.9	463.4	442.2	433.1	434.9	448.8	460.6	465.9	

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 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	456.8	454.4	449.8	425.6	422.0	424.5	435.8	448.5	456.8	
G38.0	442.2	440.0	433.3	411.8	402.8	400.9	405.8	424.9	442.2	
G39.0	407.7	407.9	401.8	375.2	353.9	356.9	354.9	384.0	407.7	
G40.0	357.1	350.2	344.4	320.6	299.0	302.3	295.9	328.4	357.1	
G41.0	302.3	290.8	284.9	261.0	242.0	244.4	237.9	261.6	302.3	
G42.0	246.7	234.9	225.3	204.2	185.5	187.6	189.6	206.2	246.7	
G43.0	190.7	181.3	174.6	165.1	148.1	150.6	155.3	160.8	190.7	
G44.0	154.5	147.6	137.2	140.5	122.0	125.1	128.0	130.0	154.5	
G45.0	130.0	123.5	114.3	112.2	105.2	106.9	107.3	106.8	130.0	
G46.0	107.3	104.8	102.0	99.5	99.7	100.3	100.3	99.4	107.3	
G47.0	100.7	100.0	98.8	95.7	95.9	96.7	97.2	96.3	100.7	
G48.0	97.3	97.3	95.7	92.7	92.9	93.7	93.8	93.4	97.3	
G49.0	94.3	93.8	92.8	89.9	90.4	90.6	91.0	90.1	94.3	
G50.0	91.1	90.8	89.8	87.1	87.5	87.5	88.2	87.6	91.1	
G51.0	88.2	87.8	86.9	84.2	84.5	84.5	85.6	84.6	88.2	
G52.0	85.3	85.0	84.1	81.3	81.3	81.9	82.8	81.8	85.3	
G53.0	82.4	82.1	81.5	78.8	79.1	78.8	80.4	79.2	82.4	
G54.0	80.0	79.4	78.8	76.2	76.1	76.4	77.8	76.8	80.0	
G55.0	77.5	76.7	76.3	73.5	73.3	73.8	75.0	74.0	77.5	
G56.0	74.9	74.0	73.5	71.3	71.1	71.4	72.6	71.3	74.9	
G57.0	72.2	71.0	70.7	68.7	68.4	68.6	69.8	68.7	72.2	
G58.0	69.5	68.7	68.1	66.1	66.0	65.8	67.4	66.3	69.5	
G59.0	67.2	66.0	65.6	63.8	63.6	63.5	64.9	63.9	67.2	
G60.0	64.7	63.2	63.0	61.3	60.8	60.0	62.0	61.7	64.7	
G61.0	62.1	61.0	60.4	58.6	58.3	57.6	59.4	59.0	62.1	
G62.0	59.8	58.6	58.2	56.0	55.8	55.6	57.0	56.8	59.8	
G63.0	57.0	55.9	55.4	53.5	53.1	52.9	54.4	54.2	57.0	
G64.0	54.4	53.5	53.2	51.2	50.6	50.6	51.9	51.8	54.4	
G65.0	52.3	51.1	50.5	48.7	48.2	47.8	49.3	49.2	52.3	
G66.0	49.6	48.5	48.1	46.1	45.8	45.5	46.6	46.7	49.6	
G67.0	47.1	45.8	45.7	43.9	43.6	43.1	44.2	44.3	47.1	
G68.0	44.5	43.3	42.8	40.7	40.9	40.9	41.7	41.3	44.5	
G69.0	42.2	40.9	40.1	38.3	38.2	38.1	38.8	39.2	42.2	
G70.0	39.7	38.2	38.0	35.9	35.1	35.6	36.2	36.5	39.7	
G71.0	36.9	35.7	35.1	33.5	32.6	32.9	33.7	34.0	36.9	
G72.0	33.9	33.4	32.7	30.6	30.4	30.6	31.4	31.2	33.9	
G73.0	32.1	30.6	30.4	28.0	27.9	27.9	28.7	29.0	32.1	

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:

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	29.6	28.2	27.6	25.8	26.1	25.1	26.3	26.6	29.6	
G75.0	27.3	26.1	25.5	23.7	23.8	23.1	23.8	24.1	27.3	
G76.0	25.0	23.9	23.2	21.1	21.0	20.4	21.5	21.6	25.0	
G77.0	22.6	21.6	21.0	19.1	19.1	18.3	19.5	19.4	22.6	
G78.0	20.1	19.4	18.4	16.7	16.6	15.7	17.2	16.9	20.1	
G79.0	17.8	17.2	16.1	14.3	14.7	13.7	14.9	14.9	17.8	
G80.0	15.9	14.5	13.9	12.1	12.4	12.0	12.7	12.6	15.9	
G81.0	13.3	12.6	11.9	10.4	10.4	10.1	10.8	10.3	13.3	
G82.0	11.7	10.6	9.6	8.5	8.8	8.3	8.9	8.6	11.7	
G83.0	9.7	8.6	7.8	6.8	6.7	6.6	7.2	7.0	9.7	
G84.0	7.7	7.1	6.0	5.2	5.4	5.2	5.8	5.2	7.7	
G85.0	6.0	5.4	4.7	3.4	4.0	4.0	4.2	3.8	6.0	
G86.0	4.7	3.8	4.0	2.8	2.9	2.6	3.2	2.6	4.7	
G87.0	3.7	2.6	2.9	1.9	2.2	2.0	2.3	1.3	3.7	
G88.0	2.6	2.0	2.0	1.0	1.6	1.2	1.4	0.7	2.6	
G89.0	1.9	1.3	1.6	0.2	1.4	1.1	0.4	0.4	1.9	
G90.0	1.7	1.3	1.3	0.4	1.7	1.0	1.0	0.4	1.7	
G91.0	1.7	1.0	1.3	0.1	1.4	1.0	1.1	0.2	1.7	
G92.0	1.4	0.8	1.3	0.0	1.4	1.0	1.2	0.2	1.4	
G93.0	1.8	1.2	1.6	0.4	1.4	0.8	1.2	0.5	1.8	
G94.0	1.6	0.7	1.7	0.5	1.6	0.8	1.4	0.2	1.6	
G95.0	1.6	1.1	1.6	0.4	1.4	1.1	1.2	0.1	1.6	
G96.0	1.7	0.8	1.6	0.4	1.6	1.0	1.3	0.4	1.7	
G97.0	1.7	0.8	1.4	0.7	1.6	1.2	1.3	0.2	1.7	
G98.0	1.4	1.2	1.7	0.5	1.4	1.0	1.1	0.0	1.4	
G99.0	1.4	0.8	1.7	0.4	1.6	1.3	1.2	0.0	1.4	
G100.0	1.4	1.1	1.6	0.4	1.6	1.3	1.3	0.5	1.4	
G101.0	1.6	1.1	1.8	0.7	1.4	1.2	1.3	0.4	1.6	
G102.0	1.8	1.4	2.0	0.6	1.6	1.2	1.4	0.4	1.8	
G103.0	1.8	1.2	2.0	0.5	1.3	1.3	1.1	0.4	1.8	
G104.0	1.6	1.2	1.9	0.6	1.6	1.2	1.2	0.5	1.6	
G105.0	1.8	1.1	1.7	0.6	1.7	1.3	1.1	0.6	1.8	
G106.0	1.7	1.3	1.9	0.6	1.4	1.1	1.2	0.7	1.7	
G107.0	1.6	1.2	1.7	0.8	1.4	1.2	1.3	0.8	1.6	
G108.0	1.6	1.2	2.2	0.8	1.4	1.4	1.4	0.8	1.6	
G109.0	1.7	1.3	1.7	0.8	1.4	1.2	1.3	0.6	1.7	
G110.0	1.9	1.3	1.7	1.0	1.6	1.3	1.4	0.6	1.9	

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	1.7	1.2	1.3	0.7	1.6	1.4	1.3	0.6	1.7	
G112.0	1.8	1.0	1.6	0.8	1.7	1.6	1.0	0.8	1.8	
G113.0	1.7	0.8	1.7	1.0	1.6	1.4	1.2	0.8	1.7	
G114.0	2.2	0.8	1.6	0.7	1.9	1.4	1.2	0.8	2.2	
G115.0	1.9	1.1	1.4	1.0	1.7	1.9	1.3	1.0	1.9	
G116.0	2.3	1.1	1.8	1.0	1.8	1.6	1.4	1.0	2.3	
G117.0	2.4	1.3	1.9	1.3	1.6	1.8	1.4	1.0	2.4	
G118.0	2.6	1.3	1.9	1.3	1.9	1.7	2.0	1.2	2.6	
G119.0	2.6	1.4	2.0	1.0	1.6	1.8	1.8	1.3	2.6	
G120.0	2.5	1.6	2.0	1.2	1.8	1.9	1.3	1.4	2.5	
G121.0	2.6	1.7	2.3	1.4	1.8	1.9	1.7	1.3	2.6	
G122.0	2.6	1.6	2.2	1.2	1.8	2.2	2.0	1.2	2.6	
G123.0	2.8	2.0	2.5	1.4	1.7	2.0	2.0	1.2	2.8	
G124.0	2.8	2.0	2.3	1.7	1.9	1.8	1.9	1.4	2.8	
G125.0	3.0	1.7	2.5	1.8	2.3	1.9	2.0	1.6	3.0	
G126.0	2.9	1.8	2.5	1.6	1.9	2.0	2.2	1.6	2.9	
G127.0	3.1	1.7	2.5	2.3	2.0	2.0	2.0	1.6	3.1	
G128.0	3.1	2.2	2.5	2.2	2.3	2.0	2.0	1.6	3.1	
G129.0	3.0	2.4	2.6	1.9	2.0	2.0	2.0	1.8	3.0	
G130.0	2.9	2.2	2.9	2.2	2.4	2.2	2.0	1.9	2.9	
G131.0	3.1	2.6	2.2	2.2	2.4	2.2	2.4	2.2	3.1	
G132.0	3.1	2.5	2.8	2.2	2.3	2.4	2.3	1.9	3.1	
G133.0	3.5	2.6	3.0	1.9	2.2	2.5	2.3	1.6	3.5	
G134.0	3.4	2.8	3.4	2.2	2.4	2.5	2.4	1.8	3.4	
G135.0	3.6	3.0	3.4	2.0	2.6	2.4	2.5	2.0	3.6	
G136.0	3.7	2.8	3.4	2.2	2.4	2.6	2.6	1.9	3.7	
G137.0	4.0	3.0	3.4	2.5	2.6	2.8	2.6	2.0	4.0	
G138.0	3.8	3.2	3.2	2.6	2.4	2.8	2.6	2.2	3.8	
G139.0	3.8	3.1	3.5	2.6	2.2	3.0	2.9	2.2	3.8	
G140.0	4.2	3.7	3.6	3.2	3.1	2.9	2.8	2.2	4.2	
G141.0	4.1	3.7	3.6	3.2	3.0	3.4	2.9	2.5	4.1	
G142.0	4.3	3.6	3.8	3.2	2.8	3.5	3.1	2.8	4.3	
G143.0	4.6	4.0	4.2	3.2	2.9	3.7	3.4	2.9	4.6	
G144.0	5.1	4.1	4.2	3.6	3.0	3.8	3.4	2.8	5.1	
G145.0	4.8	4.0	4.7	3.7	3.1	3.5	3.6	2.8	4.8	
G146.0	5.3	4.3	4.8	4.3	3.2	3.4	3.5	2.9	5.3	
G147.0	5.5	4.7	4.9	4.3	3.7	3.6	3.6	3.4	5.5	

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	5.8	4.9	4.9	4.4	3.8	4.0	3.8	3.2	5.8	
G149.0	6.0	5.4	5.3	5.1	4.2	4.4	3.8	3.4	6.0	
G150.0	6.1	5.7	5.5	5.4	4.0	4.2	4.1	3.6	6.1	
G151.0	6.3	5.9	6.0	5.4	4.3	4.7	4.4	4.0	6.3	
G152.0	6.7	6.3	6.3	5.8	4.3	4.4	4.6	4.3	6.7	
G153.0	7.0	6.4	6.7	6.1	5.1	4.6	4.4	4.4	7.0	
G154.0	7.2	6.6	6.8	6.4	4.6	5.3	4.7	4.7	7.2	
G155.0	7.6	7.2	7.1	7.1	4.8	4.9	4.9	4.9	7.6	
G156.0	7.9	7.1	7.7	7.6	4.9	5.1	5.1	5.1	7.9	
G157.0	8.3	7.4	7.7	7.6	5.4	5.4	5.5	5.1	8.3	
G158.0	8.5	7.6	8.1	7.8	5.3	5.4	5.7	5.2	8.5	
G159.0	8.8	7.8	8.3	7.9	5.9	6.0	5.8	5.4	8.8	
G160.0	8.9	8.3	8.3	7.9	5.4	5.8	6.0	5.4	8.9	
G161.0	9.1	8.3	8.6	8.1	5.9	5.9	5.9	5.5	9.1	
G162.0	9.3	8.4	8.6	8.1	5.9	6.0	6.1	5.7	9.3	
G163.0	9.4	8.6	9.0	8.3	5.9	6.3	6.4	5.9	9.4	
G164.0	9.5	8.6	9.1	8.5	6.0	6.1	6.4	5.9	9.5	
G165.0	9.7	8.9	8.9	8.4	6.1	6.4	6.5	5.9	9.7	
G166.0	9.9	8.8	9.0	9.0	6.3	6.4	6.3	6.0	9.9	
G167.0	9.4	8.5	9.0	8.9	6.1	6.3	6.5	6.0	9.4	
G168.0	9.6	8.5	9.0	8.2	5.9	6.3	6.0	6.0	9.6	
G169.0	9.1	8.8	9.0	8.3	6.3	6.5	6.4	5.7	9.1	
G170.0	9.3	8.6	8.8	8.1	6.3	6.6	6.5	5.7	9.3	
G171.0	9.0	8.2	8.8	8.1	6.1	6.6	6.3	5.9	9.0	
G172.0	8.5	7.9	8.6	7.7	6.5	6.5	6.6	5.8	8.5	
G173.0	8.6	7.7	8.6	7.4	6.5	6.4	6.6	6.1	8.6	
G174.0	8.4	7.7	8.3	7.3	6.3	6.5	6.8	5.9	8.4	
G175.0	8.3	7.3	8.2	7.2	6.7	6.3	6.6	5.9	8.3	
G176.0	7.9	7.3	7.9	7.1	6.7	6.7	6.5	6.3	7.9	
G177.0	8.2	7.0	7.8	6.7	6.8	6.8	6.7	6.4	8.2	
G178.0	7.6	7.1	7.6	6.5	6.7	6.8	6.6	6.1	7.6	
G179.0	7.6	7.0	7.1	6.3	7.0	7.0	6.8	6.6	7.6	
G180.0	7.6	7.0	7.0	6.1	6.8	7.4	7.2	6.8	7.6	

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: