

Report No.: 6

Test Time: 2018/7/6 08:46

Luminaire Property

Luminaire Manufacturer: Havit Commercial

Luminaire Description: HCP-8021804 + HCP-8031804 (3000K)

Voltage: 220.3 V

Current: 0.087 A

Power: 16.87 W

Power Factor: 0.880

Photometric Results

CIE Class: Direct

Measurement Flux: 1404.8 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(50%): H26.4

Vertical Diffuse Angle(50%): V26.6

Luminaire Efficacy Rating (LER): 83.32

Max. Intensity: 3149.25 cd

S/MH(C0/C180): 0.43

Total Rated Lamp Lumens: 1404.8 lm

Efficiency: 100%

Upward Ratio: 0%

Central Intensity: 3149.25 cd

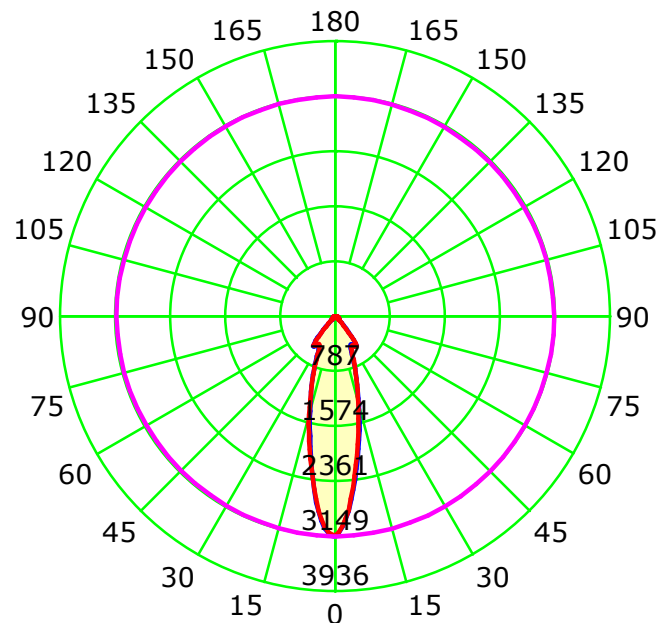
Pos of Max. Intensity: H0 V0

S/MH(C90/C270): 0.44

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 26.5°

— C0-C180 — C90-C270 — G0

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

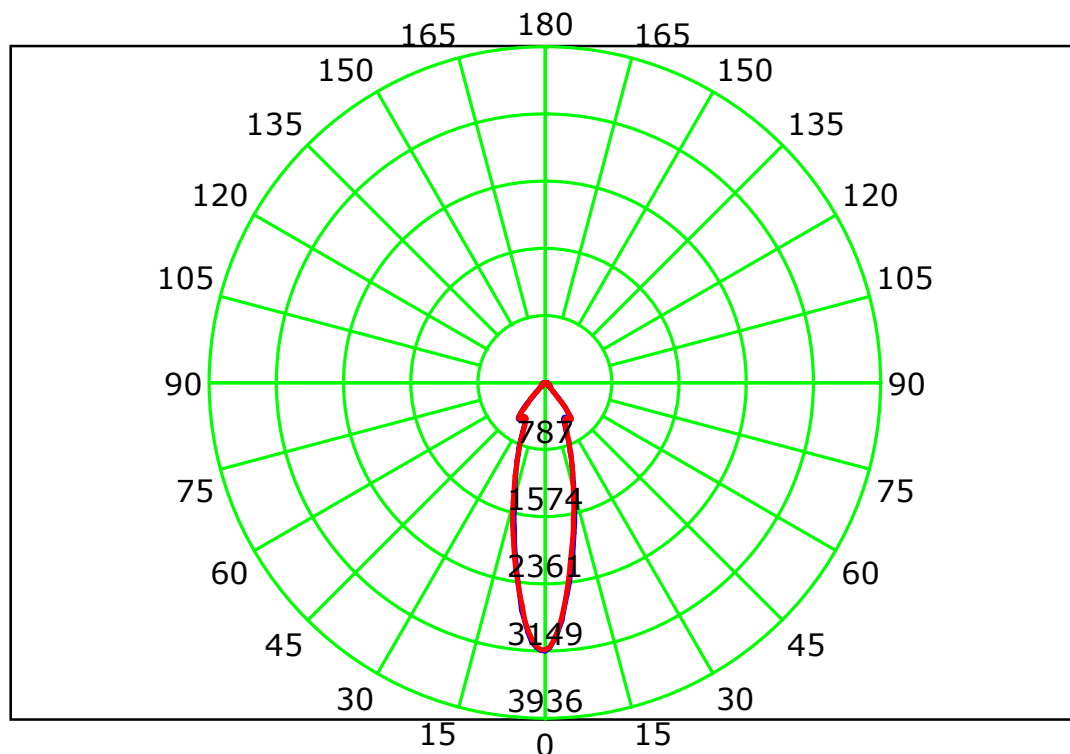
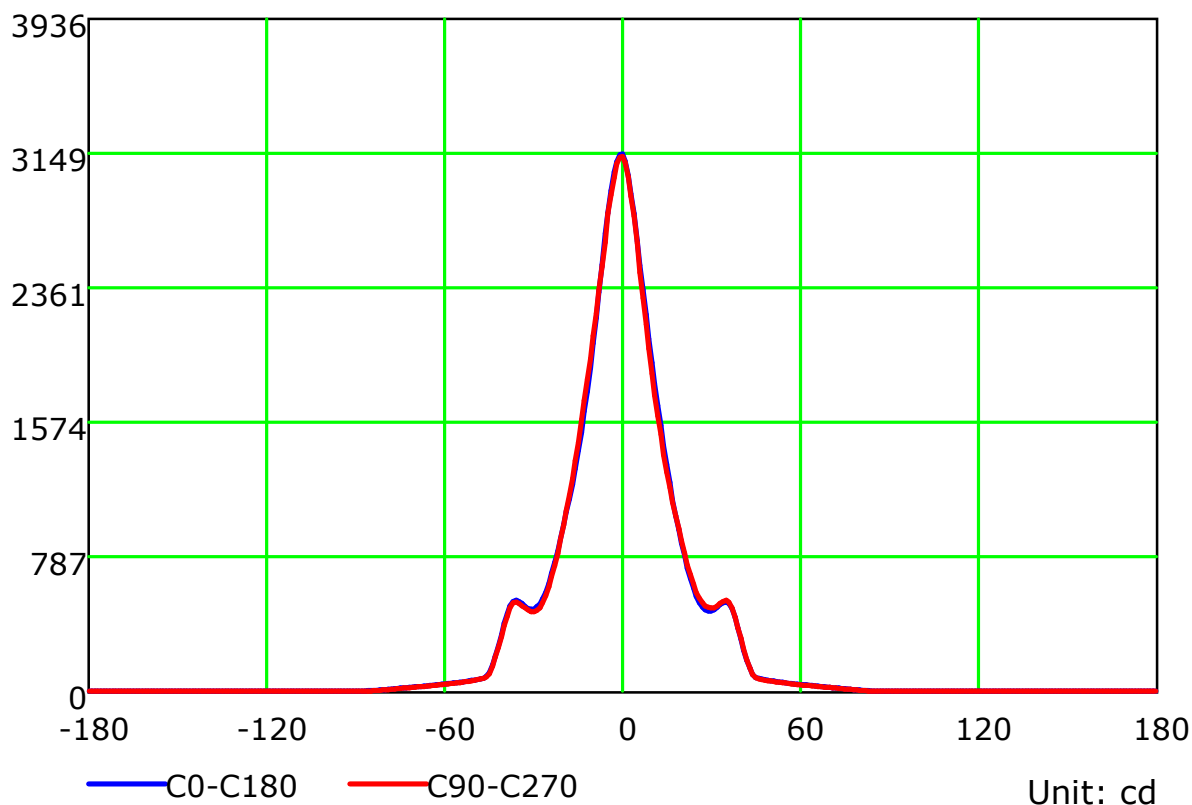
Test Device: GPM-1800B

Distance: 8.551 m

Humidity: 58

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: 8.551 m
Humidity: 58
Inspector:

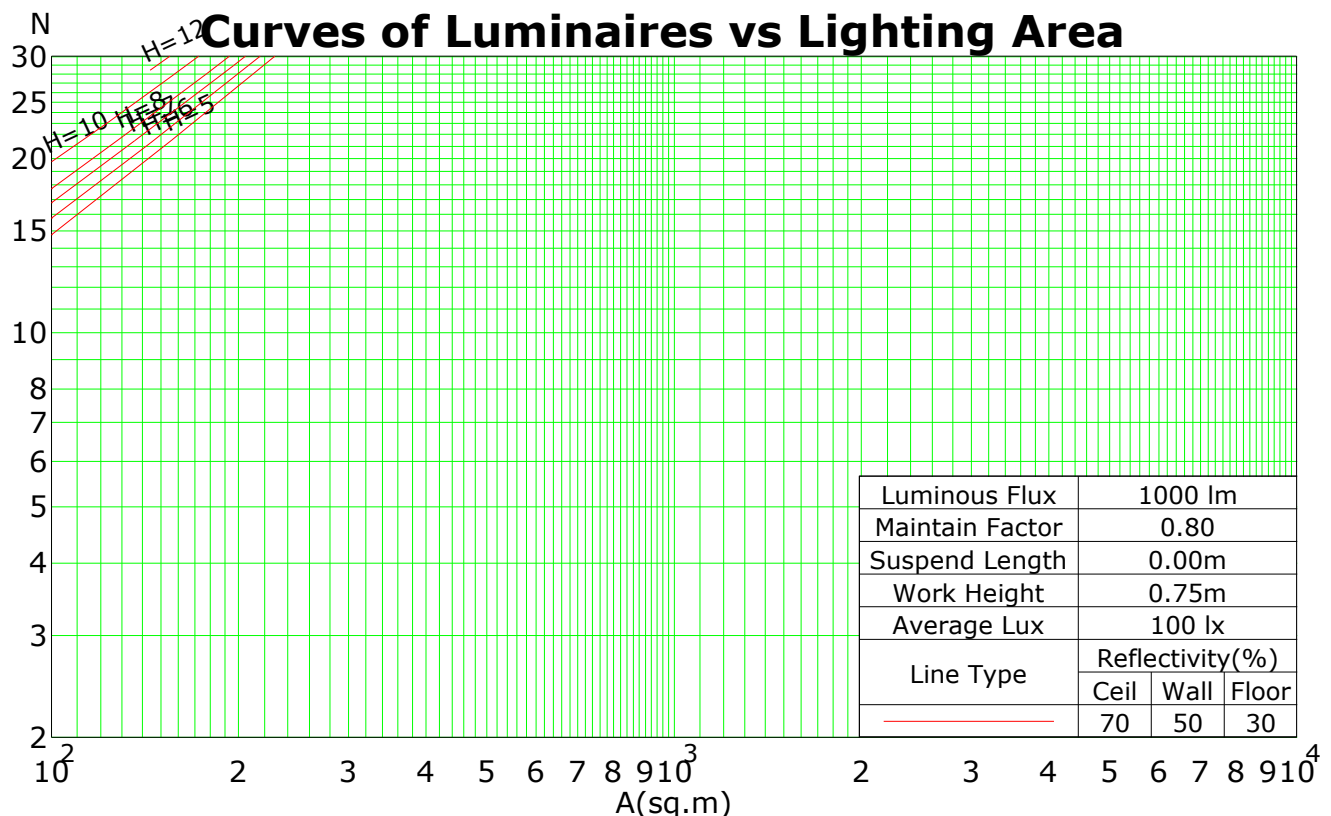
Coefficients Of Utilization - Zonal Cavity Method

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	102	102	102	100
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	95	94	93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85
3	101	95	89	85	99	93	88	85	91	87	83	88	85	82	86	83	81	79
4	96	88	83	78	94	87	82	78	85	80	77	83	79	76	81	78	75	73
5	91	83	77	72	90	82	76	72	80	75	71	78	74	71	77	73	70	69
6	87	78	72	67	85	77	71	67	75	70	67	74	70	66	73	69	66	64
7	83	73	67	63	81	73	67	63	71	66	62	70	66	62	69	65	62	60
8	79	69	63	59	78	69	63	59	68	62	59	67	62	59	66	61	58	57
9	75	66	60	56	74	65	60	56	64	59	56	63	59	55	63	58	55	54
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	55	52	51

Spacing Criteria (0-180): 0.43

Spacing Criteria (90-270): 0.44

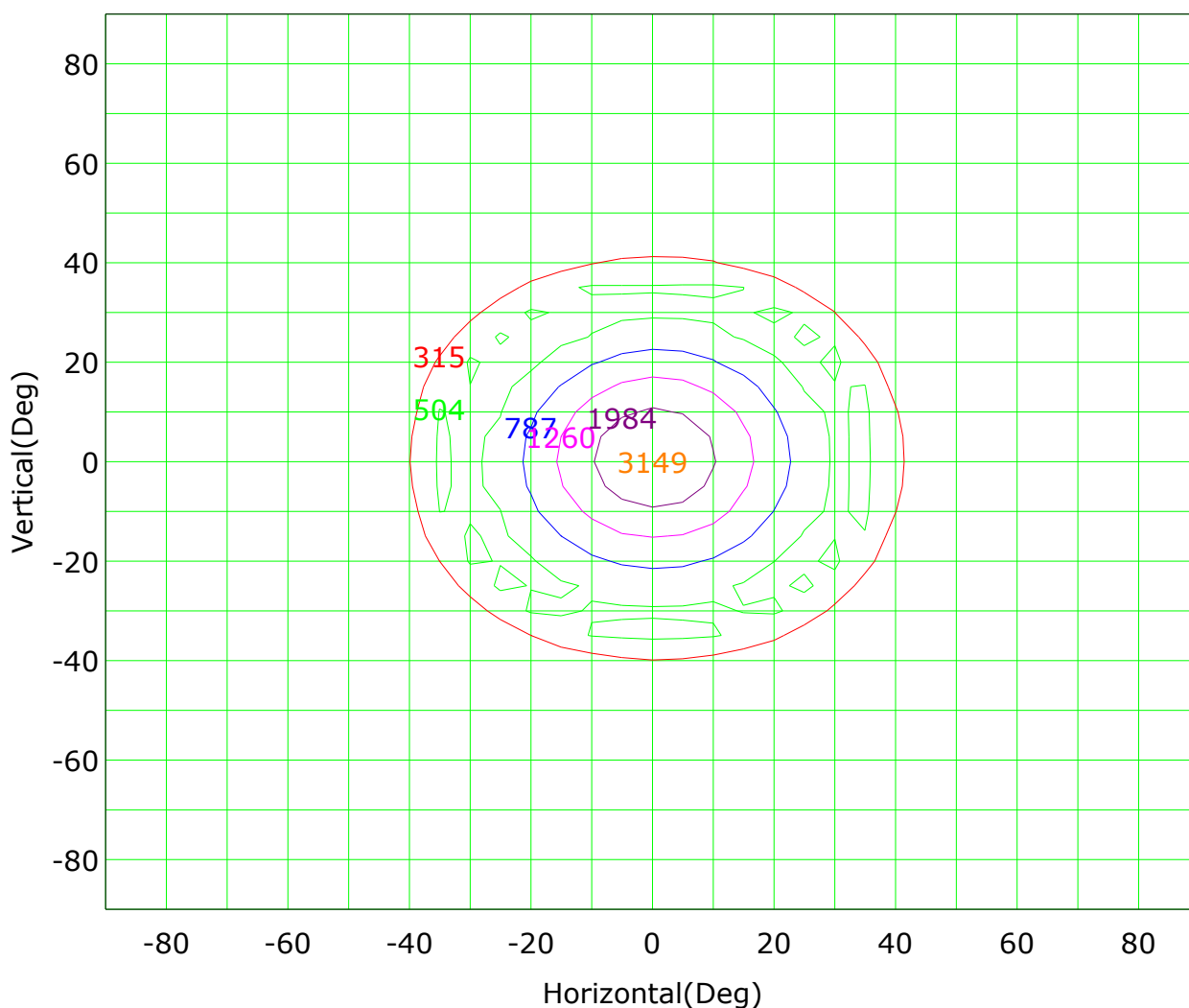
Spacing Criteria (Diagonal): 0.51



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: 8.551 m
Humidity: 58
Inspector:

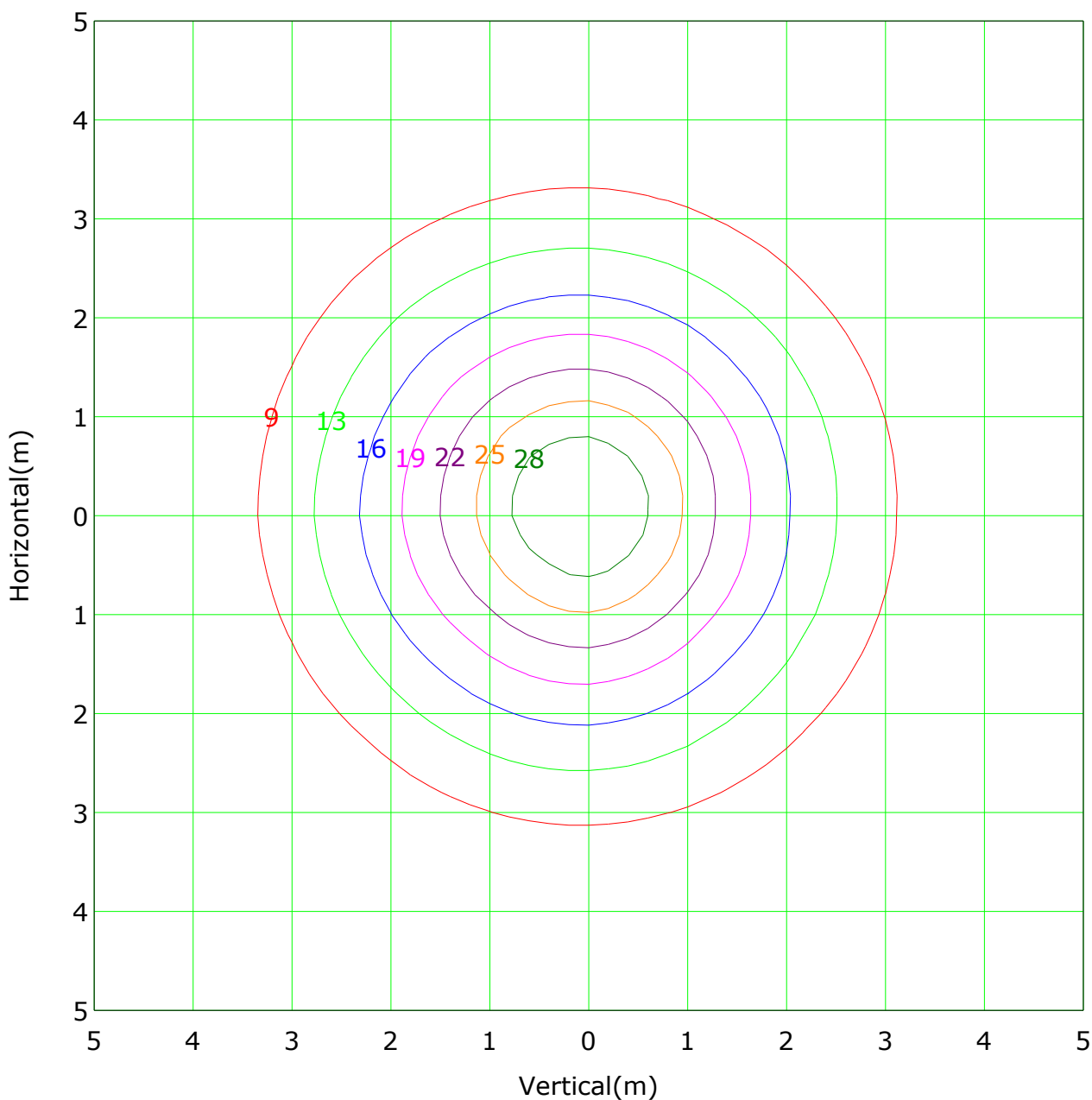
Isocandela (rectangle)



Imax (100%): 3149 cd

(10%): 315 cd	(16%): 504 cd
(25%): 787 cd	(40%): 1260 cd
(63%): 1984 cd	(100%): 3149 cd

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 31.5 lx	
(30%): 9.4 lx	(40%): 12.6 lx
(50%): 15.7 lx	(60%): 18.9 lx
(70%): 22.0 lx	(80%): 25.2 lx
(90%): 28.3 lx	(100%): 31.5 lx
(120%): 37.8 lx	(150%): 47.2 lx

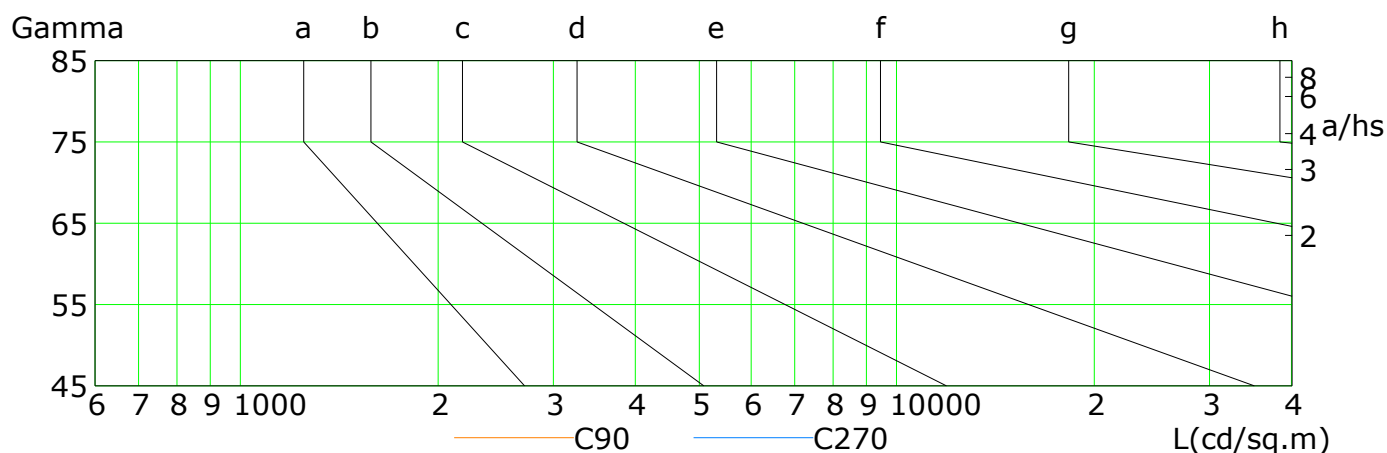
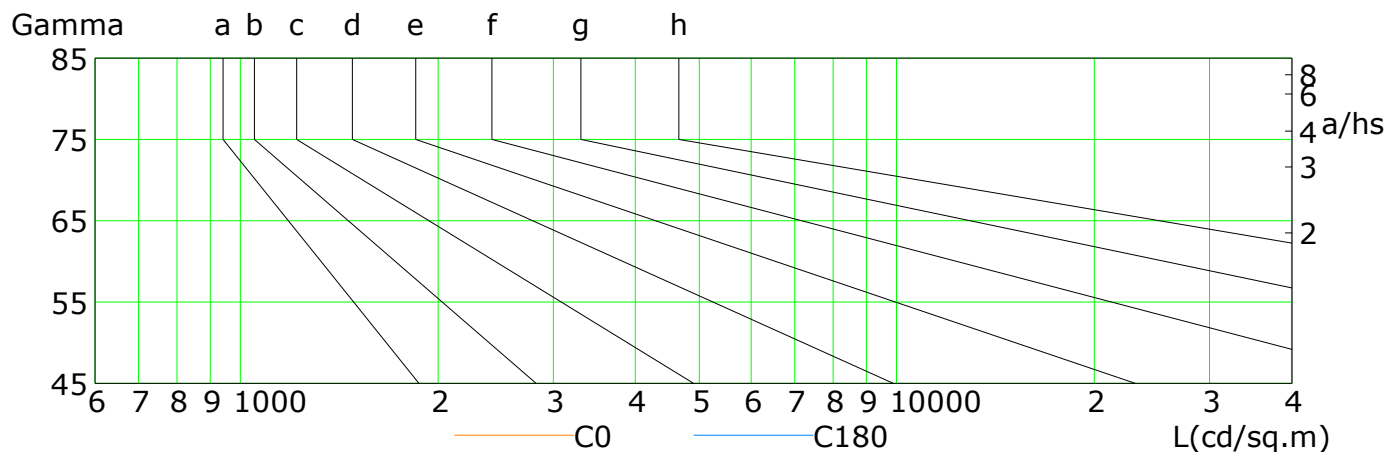
C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.551 m
Humidity: 58
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

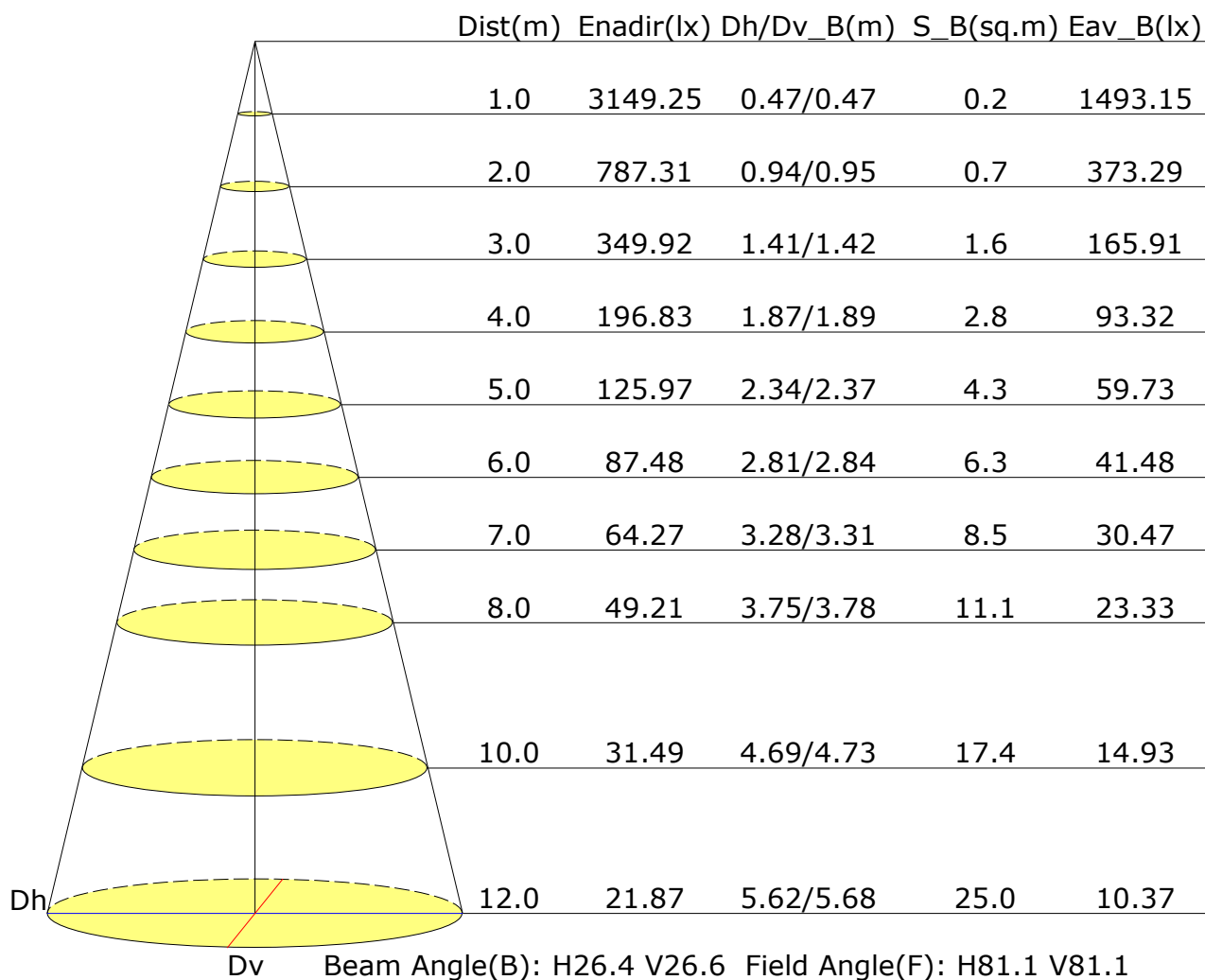


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	82	64	51	41	32	24	16	8	2
C90	80	61	49	39	30	23	15	7	2
C180	112	67	54	44	35	27	19	11	5
C270	105	66	52	42	33	25	17	10	3

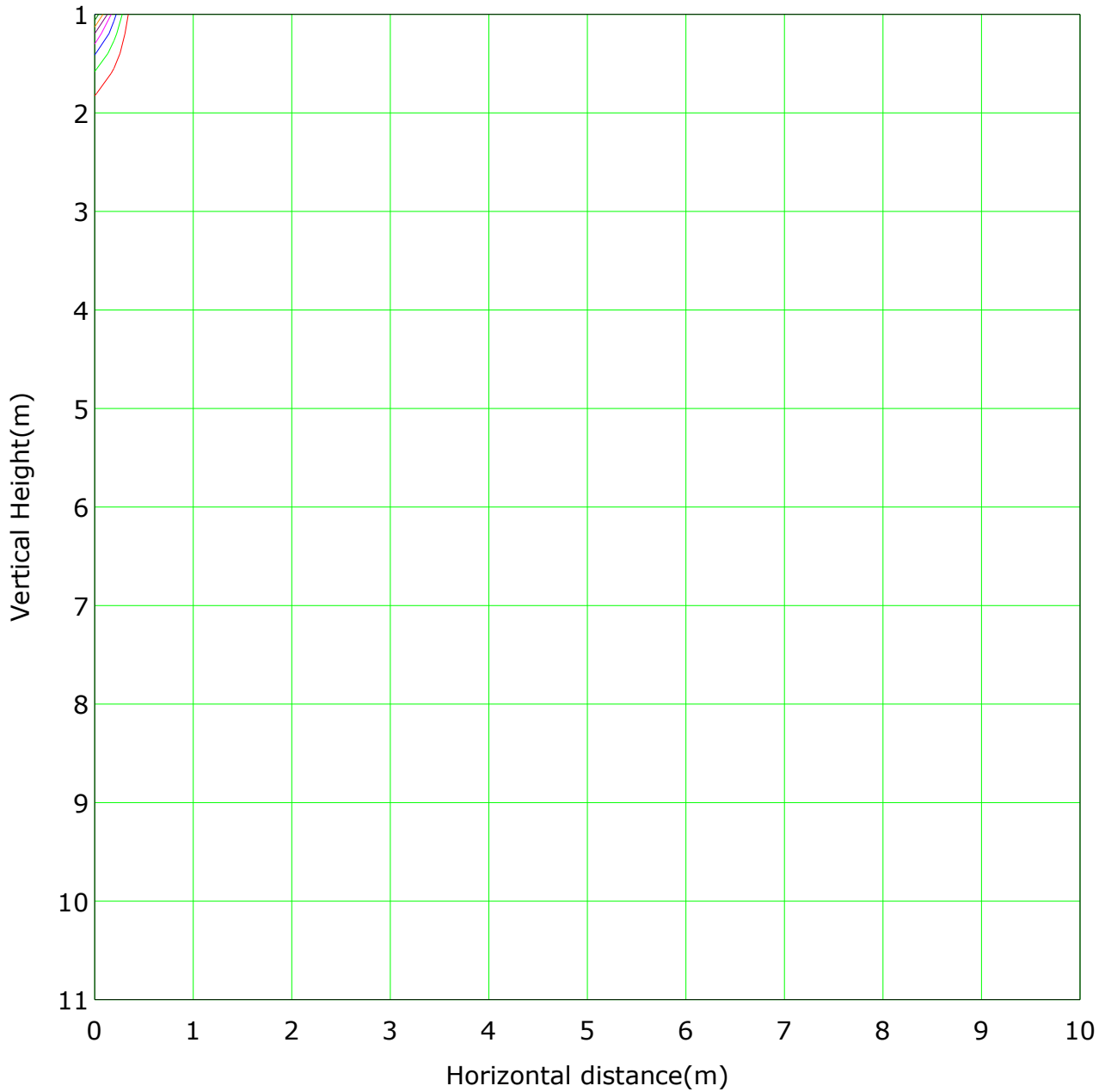
C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.551 m
Humidity: 58
Inspector:

Illuminance at a Distance



Vertical IsoLux Plot

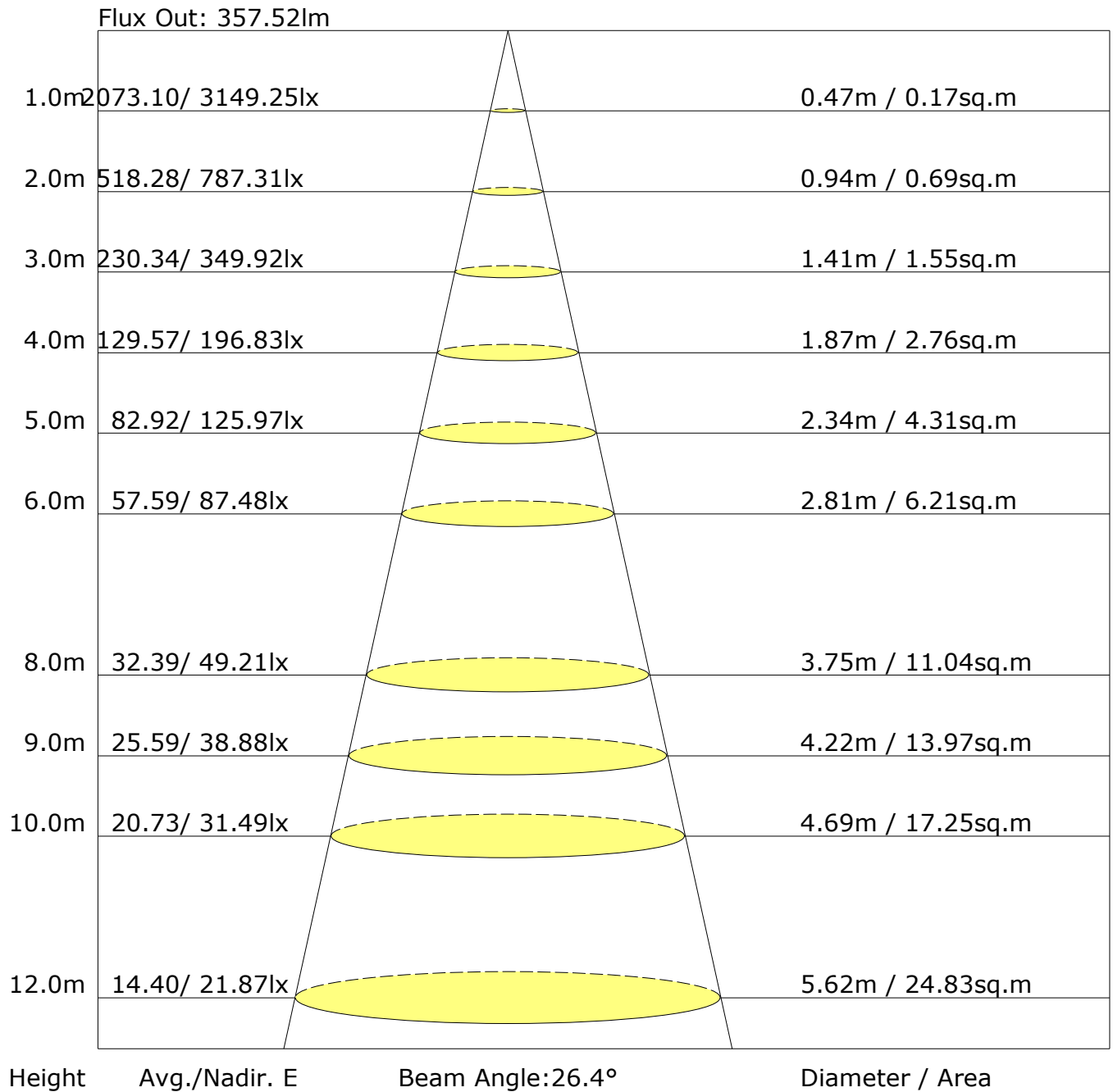


Lowest(m): 1.0m	Highest(m): 11.0m	Max Lux: 3149.3 lx
(30%): 944.8 lx	(40%): 1259.7 lx	
(50%): 1574.6 lx	(60%): 1889.6 lx	
(70%): 2204.5 lx	(80%): 2519.4 lx	
(90%): 2834.3 lx	(100%): 3149.3 lx	
(120%): 3779.1 lx	(150%): 4723.9 lx	

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: 8.551 m
Humidity: 58
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 1405lm ($8\log(F/F_0) = 1.2$).

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	3149.3	3142.2	3132.8	3121.7	3149.3	3142.2	3132.8	3121.7	3149.3	
G1.0	3106.2	3096.6	3100.3	3108.6	3142.2	3145.2	3128.9	3086.4	3106.2	
G2.0	3018.8	3000.4	3013.0	3063.4	3103.9	3121.6	3089.6	3017.1	3018.8	
G3.0	2914.1	2887.0	2898.6	2970.7	3043.0	3061.4	3009.9	2922.0	2914.1	
G4.0	2797.5	2755.3	2782.1	2850.5	2932.9	2956.6	2906.9	2821.6	2797.5	
G5.0	2636.6	2587.0	2625.7	2711.4	2803.9	2838.1	2798.7	2670.8	2636.6	
G6.0	2496.4	2436.7	2452.5	2570.5	2683.9	2708.7	2629.3	2527.9	2496.4	
G7.0	2352.5	2286.6	2304.1	2396.5	2500.1	2544.4	2488.5	2381.0	2352.5	
G8.0	2207.7	2139.5	2151.9	2247.5	2338.9	2396.5	2353.7	2239.1	2207.7	
G9.0	2064.6	1994.5	2009.3	2095.1	2188.6	2251.7	2214.3	2101.9	2064.6	
G10.0	1924.7	1855.2	1861.9	1948.4	2037.8	2107.4	2081.1	1962.6	1924.7	
G11.0	1800.8	1731.6	1734.0	1808.1	1895.5	1965.5	1948.0	1840.7	1800.8	
G12.0	1674.6	1609.6	1615.2	1683.4	1758.0	1817.2	1829.1	1714.8	1674.6	
G13.0	1557.1	1495.8	1503.9	1567.6	1640.0	1694.8	1702.6	1598.9	1557.1	
G14.0	1435.9	1372.1	1383.7	1458.8	1514.7	1578.2	1589.6	1478.3	1435.9	
G15.0	1327.8	1283.7	1283.9	1354.3	1410.5	1468.6	1457.3	1369.7	1327.8	
G16.0	1222.8	1178.7	1194.4	1246.4	1304.7	1356.8	1353.2	1261.8	1222.8	
G17.0	1119.5	1094.0	1108.3	1160.0	1214.5	1260.1	1247.6	1160.1	1119.5	
G18.0	1029.1	1012.4	1030.3	1075.8	1127.8	1165.0	1150.0	1066.2	1029.1	
G19.0	945.5	934.4	955.4	1001.3	1051.7	1082.1	1059.3	969.5	945.5	
G20.0	867.7	860.8	881.4	927.5	975.9	1000.5	971.5	887.8	867.7	
G21.0	796.9	792.2	807.1	849.6	895.9	915.3	891.2	812.5	796.9	
G22.0	722.6	726.3	741.8	781.7	824.6	840.9	808.0	741.4	722.6	
G23.0	662.0	661.9	683.3	716.8	755.4	769.9	736.9	677.4	662.0	
G24.0	605.5	607.4	628.7	657.2	691.3	706.3	673.9	612.8	605.5	
G25.0	556.2	561.5	580.5	605.0	632.2	646.1	614.2	559.5	556.2	
G26.0	517.8	527.3	544.0	561.0	581.0	591.9	562.0	515.5	517.8	
G27.0	491.9	502.4	517.8	528.7	540.8	546.4	519.5	484.5	491.9	
G28.0	477.9	489.4	499.8	504.1	512.6	513.3	490.2	466.6	477.9	
G29.0	470.9	485.2	491.6	488.0	495.1	490.5	473.8	459.4	470.9	
G30.0	469.9	484.0	490.1	480.3	482.8	478.5	468.2	455.9	469.9	
G31.0	479.0	492.9	490.5	479.6	480.5	474.3	468.4	463.7	479.0	
G32.0	492.9	505.6	499.9	486.5	484.1	480.0	476.8	476.9	492.9	
G33.0	507.2	519.5	513.9	498.3	496.2	491.0	488.3	492.2	507.2	
G34.0	520.1	530.1	527.7	513.0	513.9	505.7	501.3	507.9	520.1	
G35.0	524.4	530.3	534.2	524.1	527.6	519.3	514.7	518.9	524.4	
G36.0	514.7	511.9	523.7	524.7	534.2	529.5	522.5	517.2	514.7	

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: 8.551 m
Humidity: 58
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	484.8	474.0	490.4	506.3	527.3	526.0	517.9	497.7	484.8	
G38.0	432.5	420.5	433.6	471.0	500.9	504.5	488.4	460.6	432.5	
G39.0	371.8	350.0	372.6	418.0	456.2	464.6	441.3	406.8	371.8	
G40.0	306.1	285.1	311.2	357.2	398.9	409.0	382.6	342.8	306.1	
G41.0	242.5	223.5	249.8	287.4	333.6	345.0	319.7	272.4	242.5	
G42.0	181.8	168.8	186.2	227.3	262.8	280.3	258.4	212.1	181.8	
G43.0	135.4	119.5	135.1	172.9	205.3	220.4	200.4	160.0	135.4	
G44.0	100.3	89.8	98.9	127.7	154.1	166.3	147.2	116.9	100.3	
G45.0	81.9	76.5	79.9	92.5	112.3	118.7	104.8	89.2	81.9	
G46.0	77.2	72.3	73.3	77.5	87.4	91.0	84.2	77.5	77.2	
G47.0	73.2	68.3	69.4	72.2	77.3	79.1	76.1	73.0	73.2	
G48.0	69.6	65.3	66.4	68.6	73.7	74.4	72.3	69.3	69.6	
G49.0	66.4	62.4	63.5	65.3	70.3	70.8	68.6	66.4	66.4	
G50.0	63.6	59.6	61.0	62.1	67.4	67.8	65.6	63.3	63.6	
G51.0	60.5	57.0	58.2	59.6	64.5	65.0	62.7	60.3	60.5	
G52.0	58.2	54.5	55.5	56.6	61.7	62.0	59.9	57.4	58.2	
G53.0	55.5	52.3	53.4	54.4	58.9	59.1	57.3	55.2	55.5	
G54.0	53.3	49.9	51.0	51.7	56.2	56.6	54.8	52.4	53.3	
G55.0	50.9	48.1	48.8	49.5	53.8	54.4	52.4	50.2	50.9	
G56.0	48.7	45.9	46.5	47.5	51.6	52.0	50.3	48.3	48.7	
G57.0	46.3	44.0	44.5	45.5	49.8	49.8	48.3	45.9	46.3	
G58.0	44.4	42.2	42.7	43.6	47.7	47.5	45.7	44.0	44.4	
G59.0	42.6	40.3	40.8	41.4	45.9	45.9	43.7	42.2	42.6	
G60.0	40.8	38.6	39.0	39.4	44.1	43.8	41.9	40.4	40.8	
G61.0	39.2	37.1	36.9	37.8	41.9	41.9	40.1	38.6	39.2	
G62.0	37.6	35.0	35.5	36.0	40.1	40.0	38.5	36.8	37.6	
G63.0	35.7	33.6	33.9	34.3	38.3	38.5	36.5	35.3	35.7	
G64.0	33.9	32.1	32.0	32.9	36.5	36.9	34.6	33.5	33.9	
G65.0	32.2	30.0	30.4	31.1	35.0	35.0	33.3	31.8	32.2	
G66.0	30.7	27.9	29.2	29.2	33.2	33.3	31.5	30.1	30.7	
G67.0	28.8	26.8	27.3	27.4	31.8	31.7	29.7	28.6	28.8	
G68.0	27.0	25.0	25.9	26.3	29.9	30.3	28.2	26.8	27.0	
G69.0	25.3	23.5	24.2	24.6	28.5	29.0	26.6	25.0	25.3	
G70.0	23.9	21.6	22.5	22.7	26.8	27.1	25.2	23.4	23.9	
G71.0	22.0	20.2	21.0	21.3	25.5	25.6	23.5	21.7	22.0	
G72.0	20.1	18.7	19.4	19.5	23.8	23.6	21.9	20.3	20.1	
G73.0	19.0	17.1	17.7	18.1	22.1	21.9	20.3	19.0	19.0	

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: 8.551 m
Humidity: 58
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	17.3	15.8	16.0	16.7	20.6	20.5	19.0	17.1	17.3	
G75.0	15.8	14.3	14.5	15.1	19.0	19.0	17.4	15.4	15.8	
G76.0	14.0	12.6	13.1	13.8	17.3	17.4	15.4	14.1	14.0	
G77.0	12.4	11.2	11.5	12.3	15.6	15.8	14.4	12.3	12.4	
G78.0	10.9	9.7	10.0	11.1	14.3	14.0	12.7	11.1	10.9	
G79.0	9.7	8.4	8.7	9.7	12.6	12.7	10.9	9.5	9.7	
G80.0	8.2	7.3	7.1	8.6	11.1	11.2	9.7	8.4	8.2	
G81.0	6.9	6.1	5.7	6.9	9.8	9.7	8.2	6.8	6.9	
G82.0	5.7	4.7	4.8	5.9	9.0	8.4	6.9	5.7	5.7	
G83.0	4.4	3.7	3.3	4.6	7.2	7.2	5.7	4.2	4.4	
G84.0	3.3	3.0	2.5	3.5	6.1	6.1	4.6	3.0	3.3	
G85.0	2.5	1.9	1.7	2.3	5.3	4.8	3.2	2.1	2.5	
G86.0	1.7	1.1	0.6	1.5	3.9	3.6	2.2	0.6	1.7	
G87.0	1.2	0.7	0.1	0.7	3.2	2.8	1.4	0.3	1.2	
G88.0	1.1	0.4	0.0	0.0	2.2	1.9	0.7	0.0	1.1	
G89.0	0.8	0.6	0.0	0.0	1.9	1.2	0.1	0.0	0.8	
G90.0	1.1	0.6	0.0	0.0	1.2	0.7	0.0	0.0	1.1	
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	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	
G98.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G100.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	
G103.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G104.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G105.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	
G108.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G109.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G110.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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: 8.551 m
Humidity: 58
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	0.0	0.0	0.0	0.0	0.0	0.0	
G112.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G113.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G114.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G115.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G116.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G117.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G118.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G119.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G121.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G122.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G123.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G124.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G125.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G126.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G127.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G128.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G129.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G130.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G131.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G132.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G133.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G134.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G135.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G136.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G137.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G138.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G139.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G140.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G141.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G142.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G143.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G144.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G145.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G146.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G147.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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: 8.551 m
Humidity: 58
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G149.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G151.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G152.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G153.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G154.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G155.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G156.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G157.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G158.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G159.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G160.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G161.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G162.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G163.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G164.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G165.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G166.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G167.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G168.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G169.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G170.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G171.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G172.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G173.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G174.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G175.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G176.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G177.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G178.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G179.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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: 8.551 m
Humidity: 58
Inspector: