

Report No.: 3

Test Time: 2018/7/2 16:43

## Luminaire Property

Luminaire Manufacturer:

Luminaire Description: VRCF49103

Current: 0.687 A

Power Factor: 0.944

Voltage: 120.0 V

Power: 77.84 W

## Photometric Results

CIE Class: Direct

Measurement Flux: 4323 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(10%,50%): H160.4,H102.9

Vertical Diffuse Angle(10%,50%): V160.9,V102.5

Luminaire Efficacy Rating (LER): 55.59

Max. Intensity: 1663.82 cd

S/MH(C0/C180): 1.19

Total Rated Lamp Lumens: 4323.0 lm

Efficiency: 100%

Upward Ratio: 0%

Central Intensity: 1663.82 cd

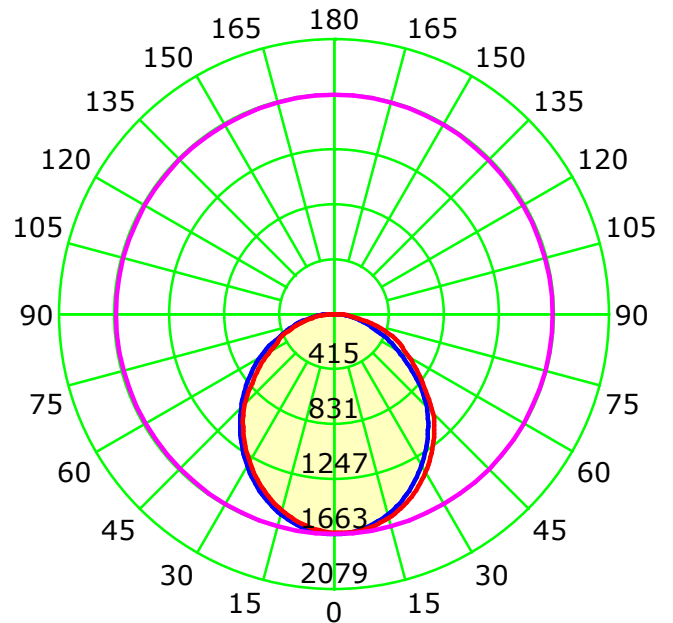
Pos of Max. Intensity: H0 V0

S/MH(C90/C270): 1.20

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 102.7°

— 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

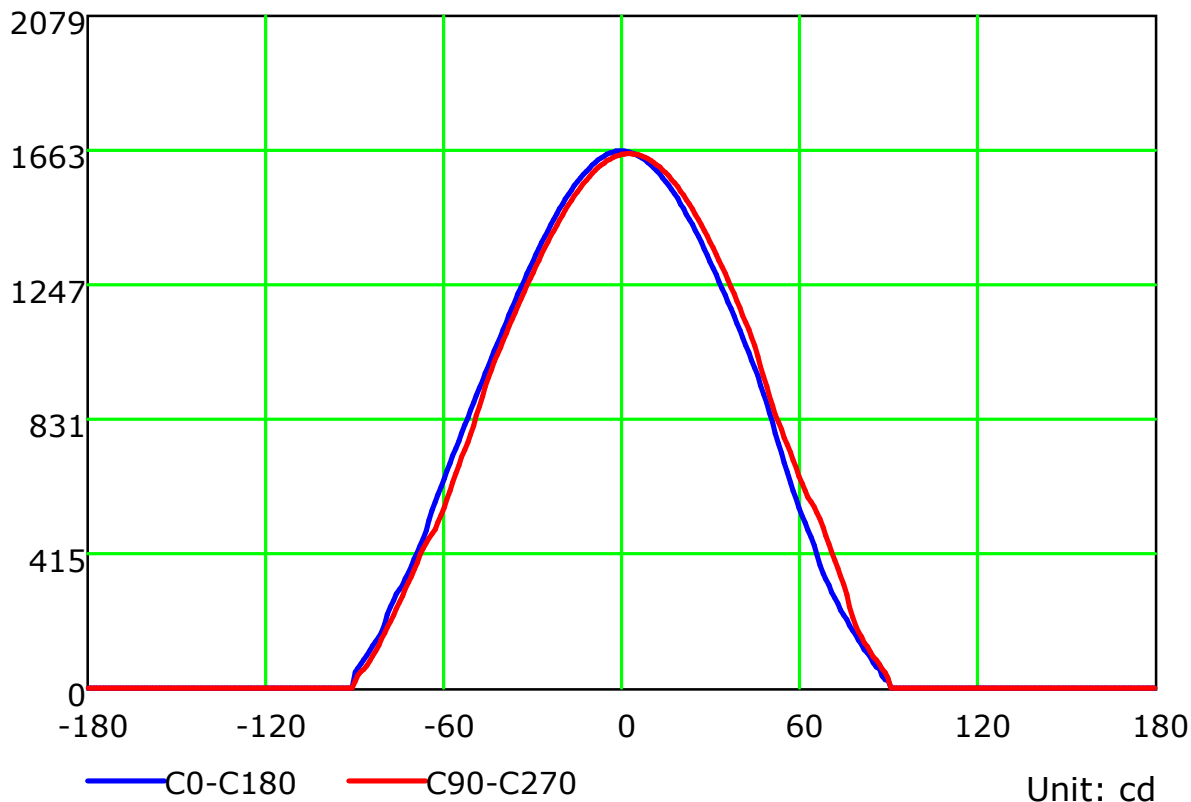
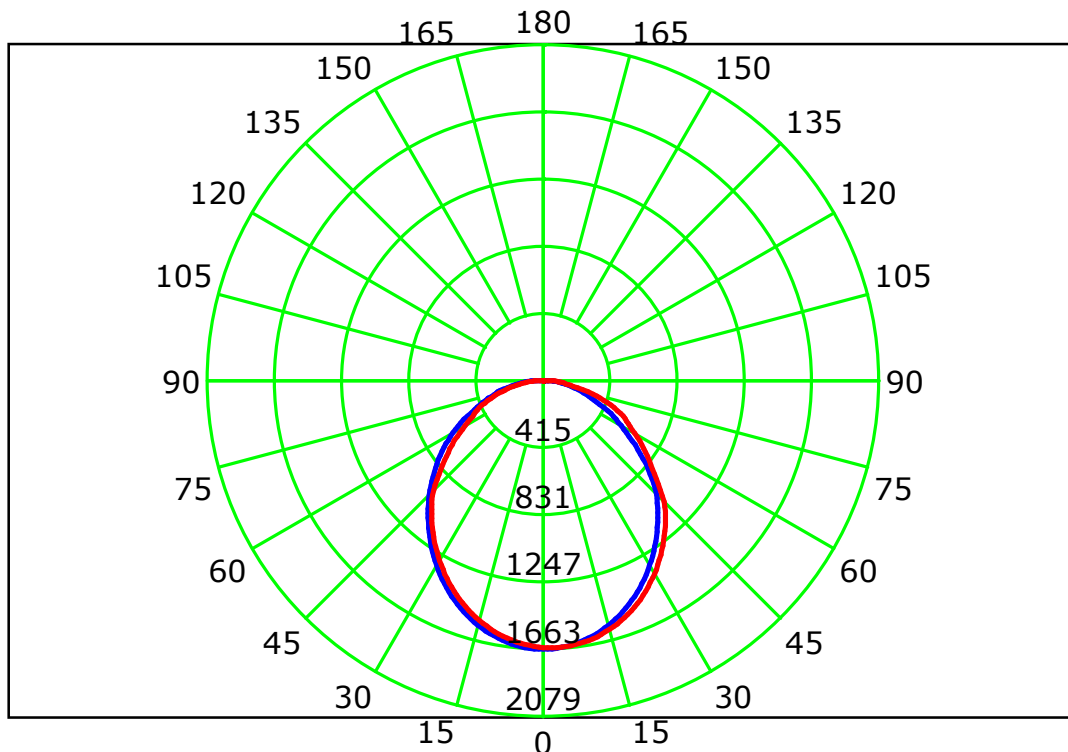
Test Device: GPM-1800B

Distance: 7.951 m

Humidity: 58

Inspector:

## Luminous Intensity Distribution Curve



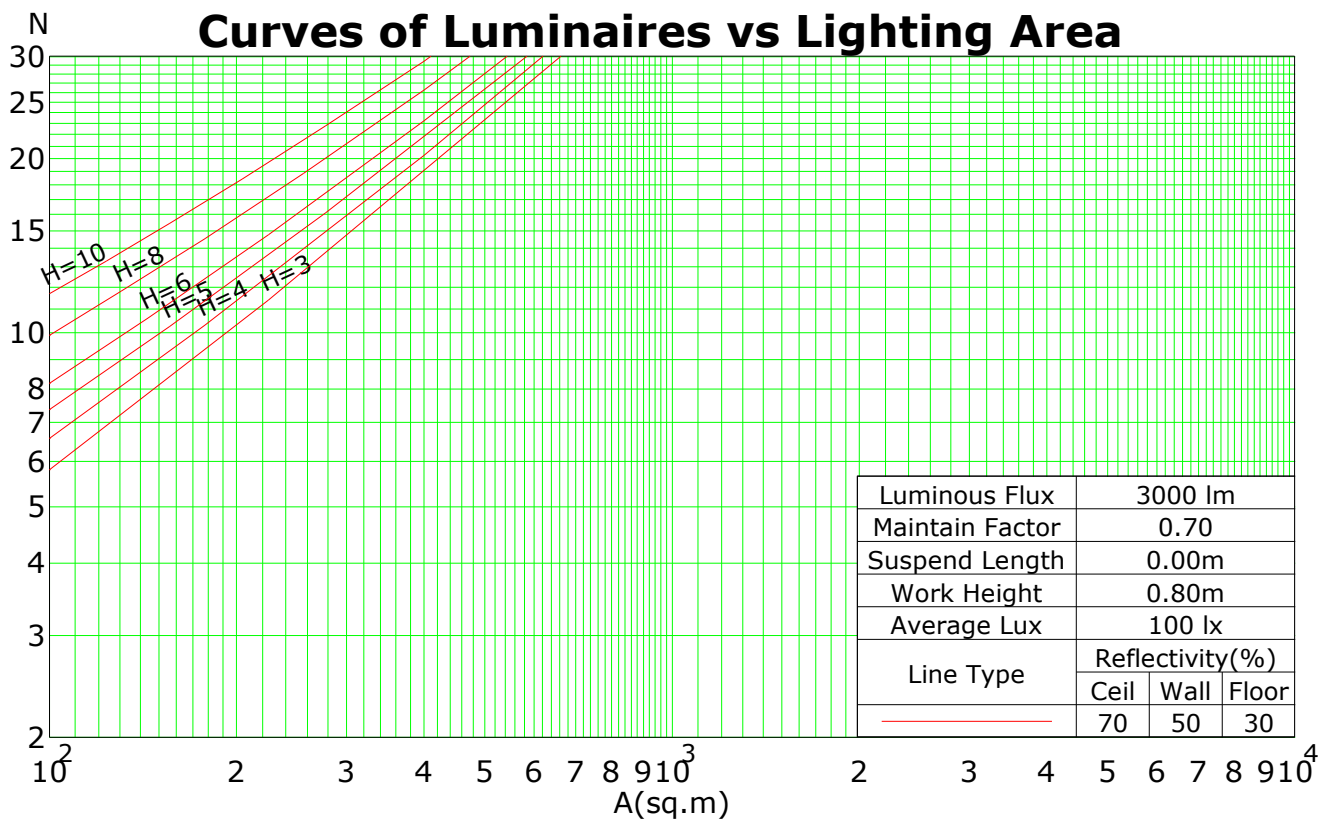
C Plane (°):0.0-360.0: 45.0  
Test Lab: Inventfine instruments  
Test Type: TYPE C  
Temperature: 26  
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1800B  
Distance: 7.951 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	109	104	100	96	106	102	98	94	97	94	91	93	91	88	90	88	86	84
2	99	91	84	78	96	89	83	77	85	80	76	82	78	74	79	75	72	70
3	90	80	72	65	88	78	71	65	75	69	64	73	67	63	70	65	61	59
4	83	71	62	56	81	70	62	55	67	60	54	65	59	54	63	57	53	51
5	76	64	55	48	74	62	54	48	60	53	47	58	52	47	57	51	46	44
6	71	57	49	42	69	56	48	42	55	47	42	53	46	41	51	45	41	39
7	66	52	43	37	64	51	43	37	50	42	37	48	42	37	47	41	36	34
8	61	48	39	33	60	47	39	33	46	38	33	44	38	33	43	37	33	31
9	57	44	36	30	56	43	35	30	42	35	30	41	34	30	40	34	30	28
10	54	40	33	27	52	40	32	27	39	32	27	38	32	27	37	31	27	25

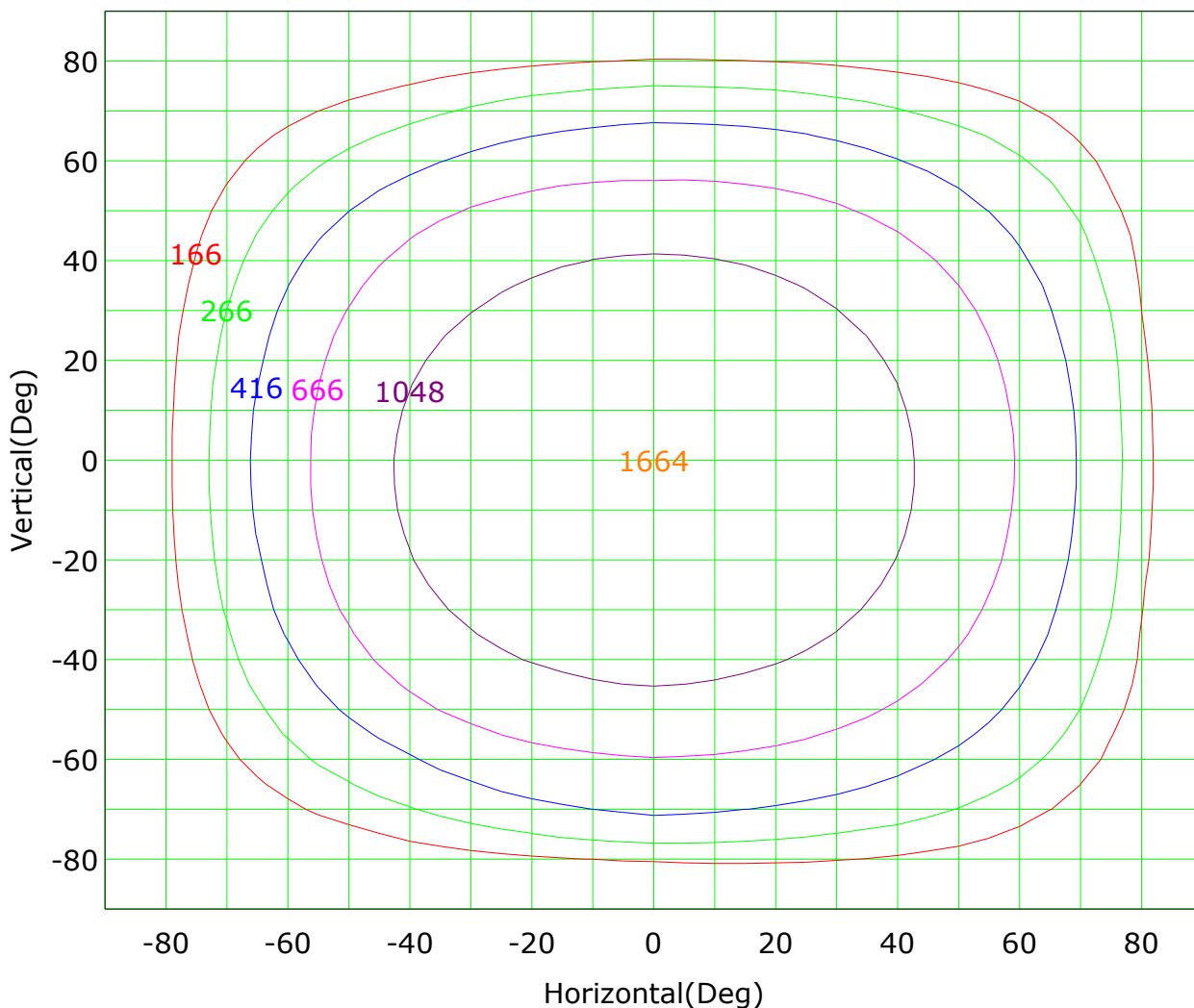
Spacing Criteria (0-180): 1.19  
 Spacing Criteria (90-270): 1.20  
 Spacing Criteria (Diagonal): 1.31



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: 7.951 m  
 Humidity: 58  
 Inspector:

## Isocandela (rectangle)



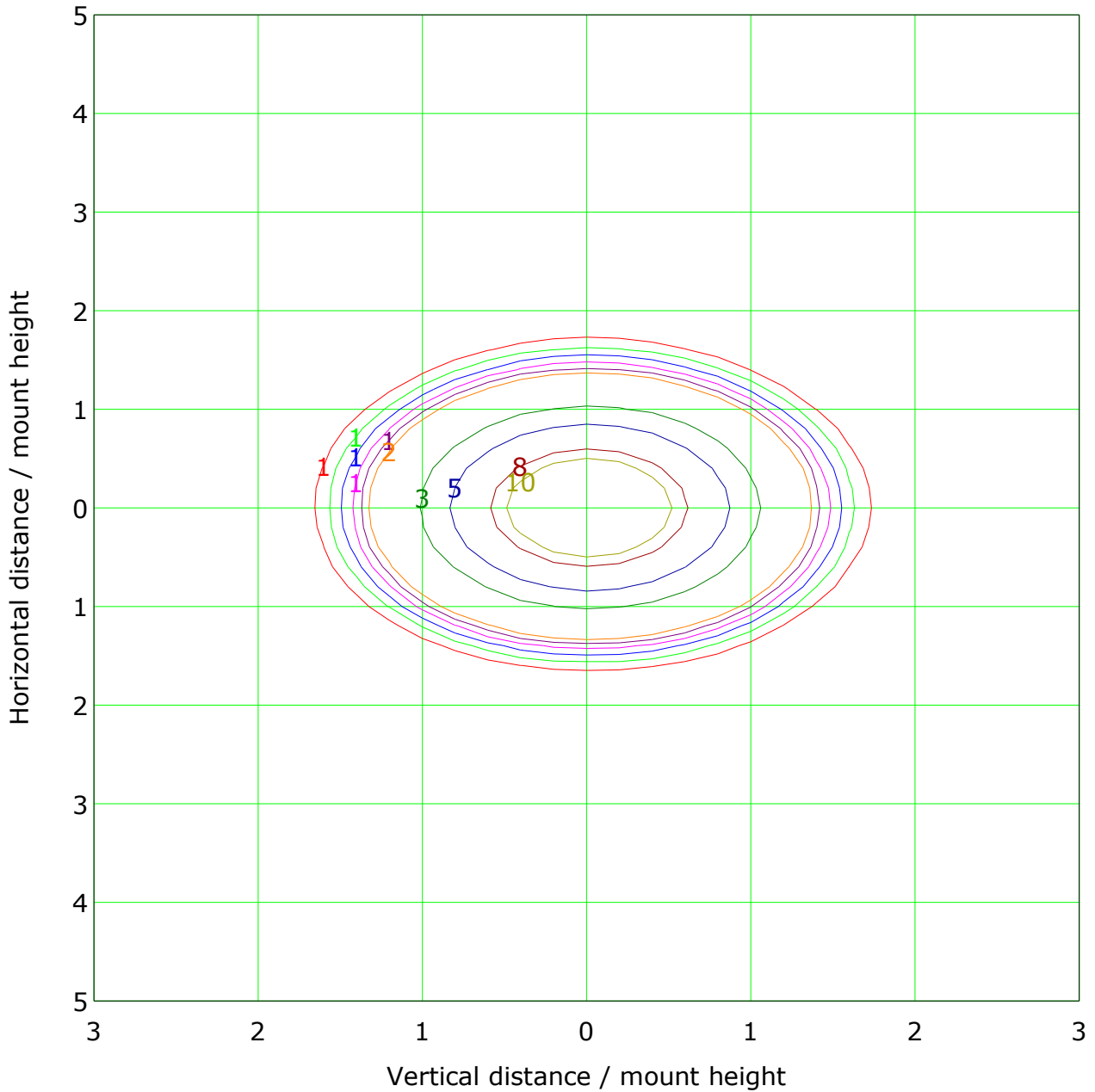
Imax (100%): 1664 cd

— ( 10%): 166 cd	— ( 16%): 266 cd
— ( 25%): 416 cd	— ( 40%): 666 cd
— ( 63%): 1048 cd	— (100%): 1664 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: 7.951 m  
Humidity: 58  
Inspector:

## IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 16.6 lx	
— ( 5%):	0.8 lx	— ( 6%):	1.0 lx
— ( 7%):	1.2 lx	— ( 8%):	1.3 lx
— ( 9%):	1.5 lx	— (10%):	1.7 lx
— (20%):	3.3 lx	— (30%):	5.0 lx
— (50%):	8.3 lx	— (60%):	10.0 lx

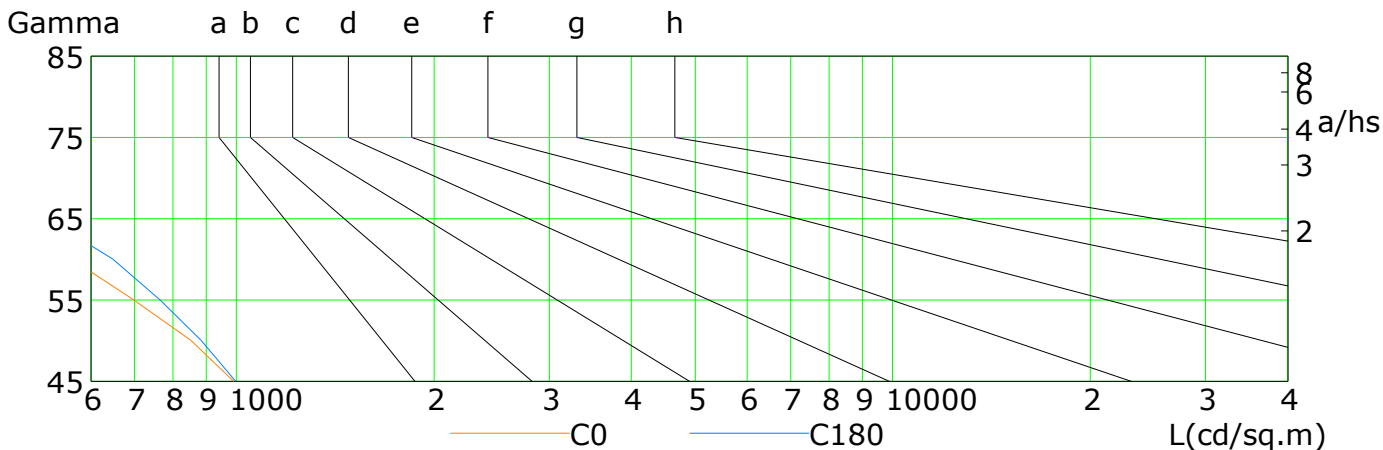
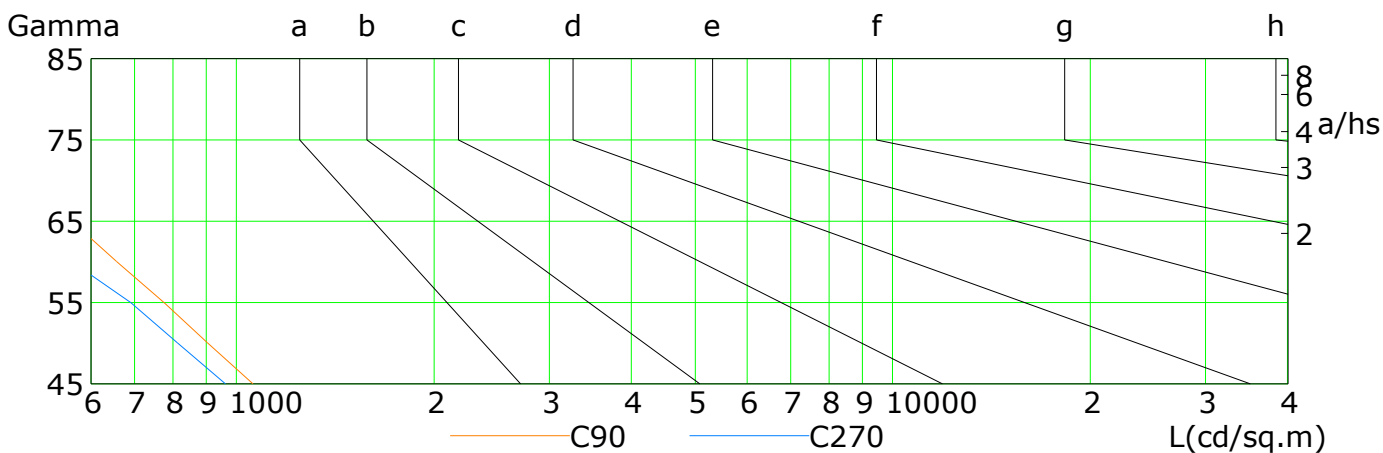
C Plane (°):0.0-360.0: 45.0  
Test Lab: Inventfine instruments  
Test Type: TYPE C  
Temperature: 26  
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1800B  
Distance: 7.951 m  
Humidity: 58  
Inspector:

## Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
		2000	1000	500	<=300				
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

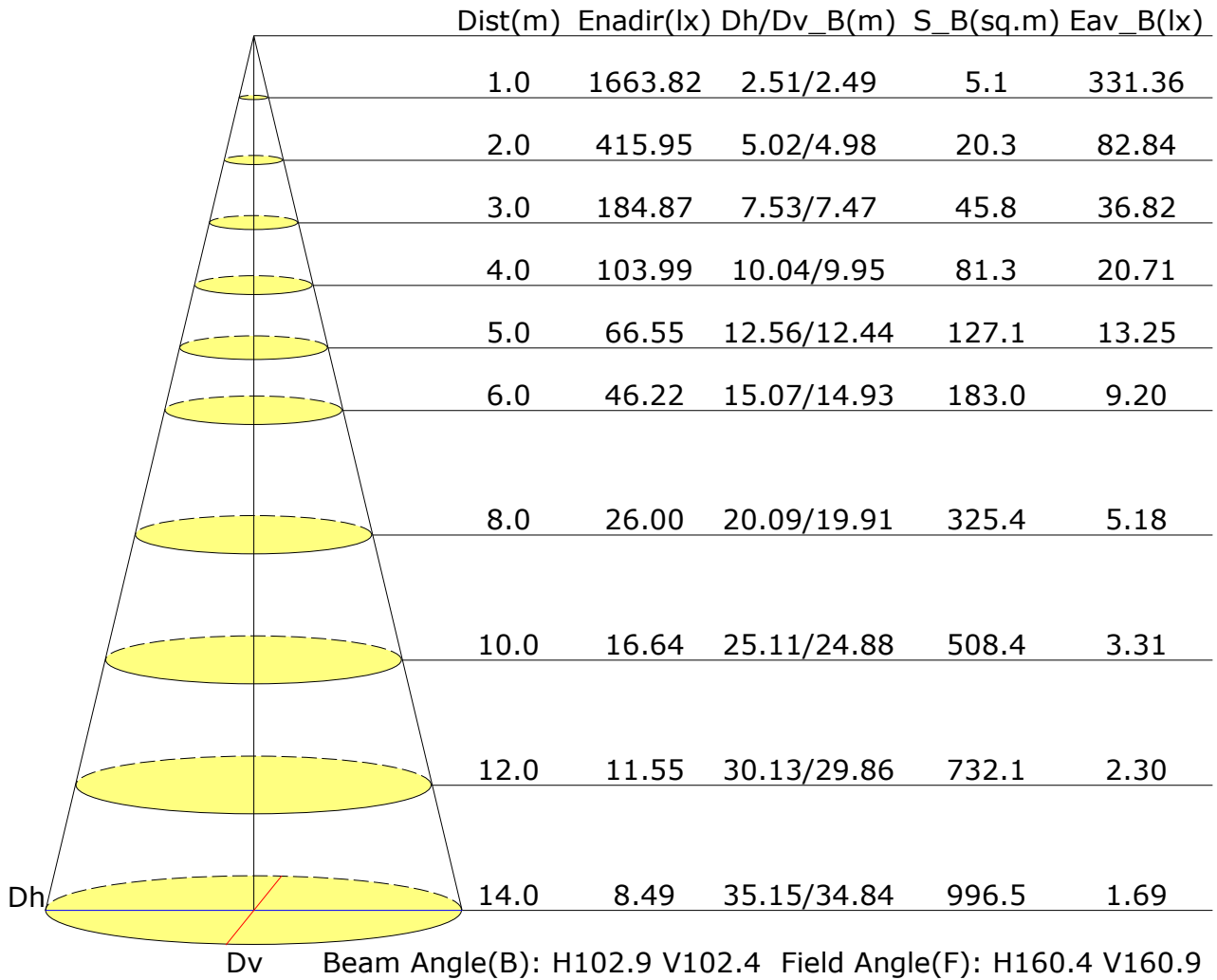


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	992	853	698	560	443	319	228	150	80
C90	1060	904	776	657	561	447	322	175	99
C180	998	884	766	649	519	401	307	198	118
C270	962	813	691	560	465	368	266	171	86

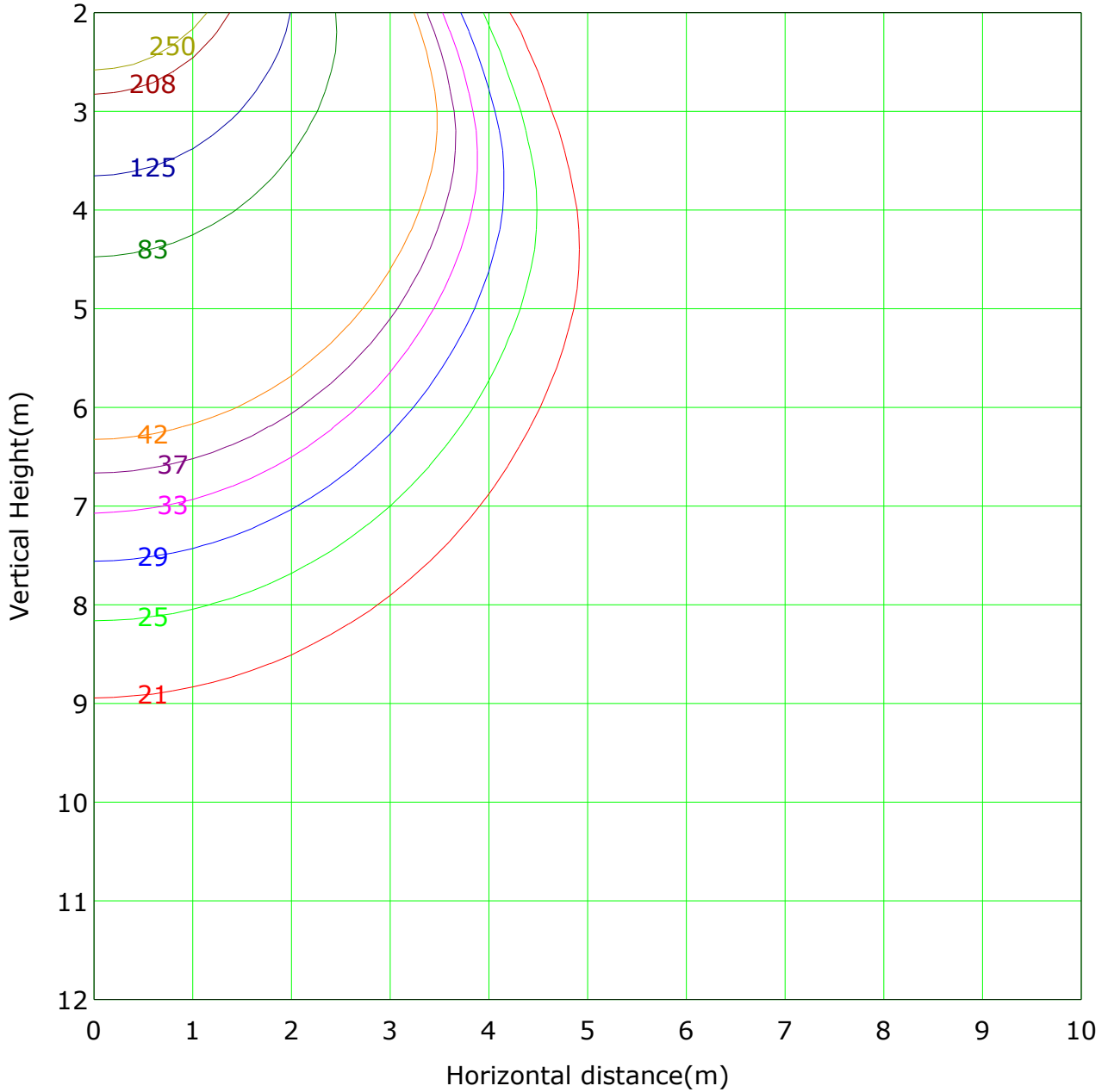
C Plane (°):0.0-360.0: 45.0  
Test Lab: Inventfine instruments  
Test Type: TYPE C  
Temperature: 26  
Operator: Jacky tang

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1800B  
Distance: 7.951 m  
Humidity: 58  
Inspector:

## Illuminance at a Distance



## Vertical IsoLux Plot



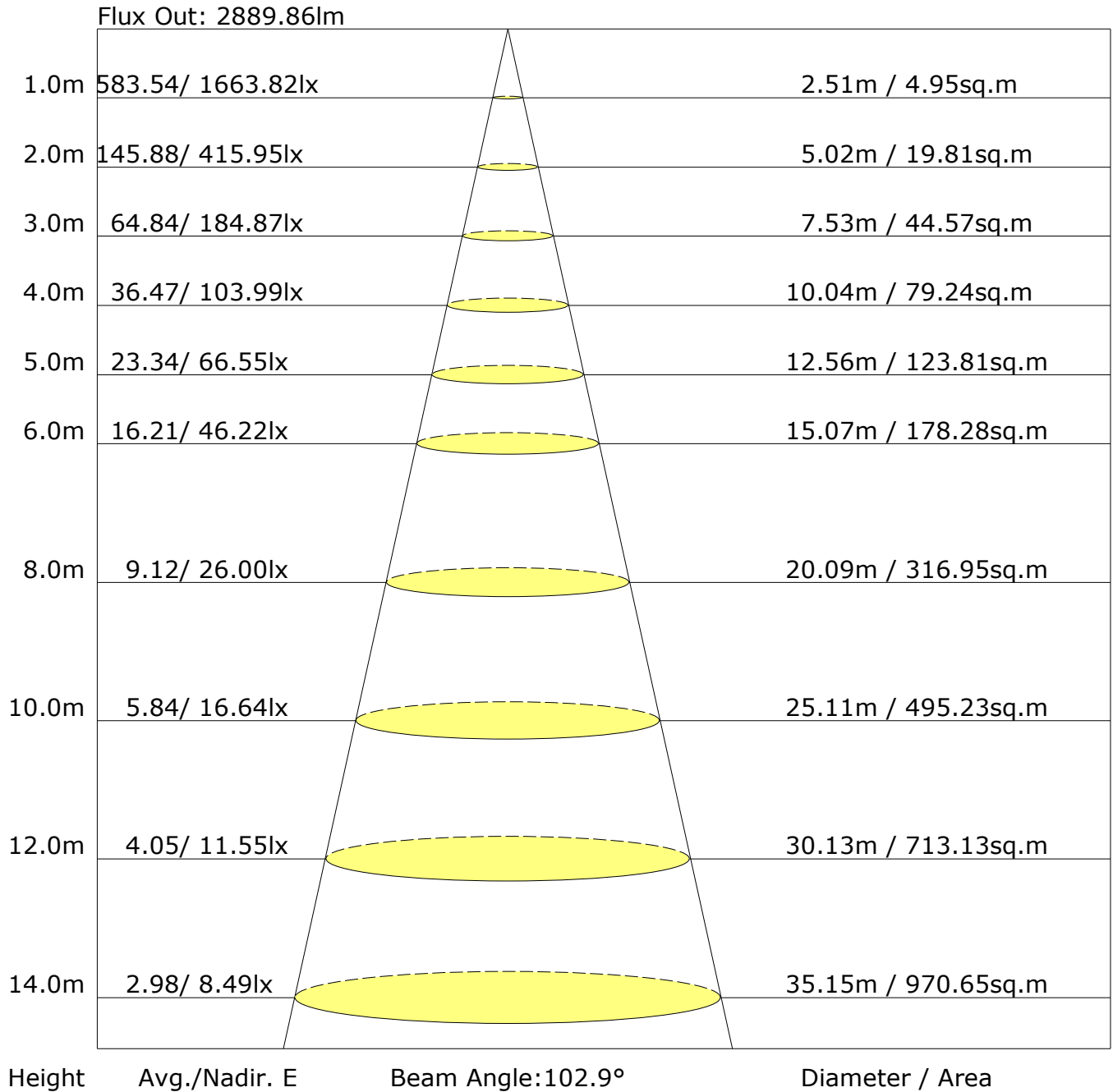
Lowest(m): 2.0m	Highest(m): 12.0m	Max Lux: 416.0 lx
— ( 5%): 20.8 lx	— ( 6%): 25.0 lx	
— ( 7%): 29.1 lx	— ( 8%): 33.3 lx	
— ( 9%): 37.4 lx	— ( 10%): 41.6 lx	
— ( 20%): 83.2 lx	— ( 30%): 124.8 lx	
— ( 50%): 208.0 lx	— ( 60%): 249.6 lx	

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: 7.951 m  
Humidity: 58  
Inspector:



## The Average Illuminance Effective Figure



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: 7.951 m  
Humidity: 58  
Inspector:

## 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  $4323lm$  ( $8\log(F/F_0) = 5.1$ ).

## 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	1663.8	1655.5	1652.0	1650.9	1663.8	1655.5	1652.0	1650.9	1663.8	
G1.0	1663.2	1656.4	1653.6	1652.2	1663.4	1653.8	1649.6	1648.5	1663.2	
G2.0	1661.6	1656.3	1654.2	1652.6	1661.9	1651.5	1646.5	1645.2	1661.6	
G3.0	1659.1	1655.4	1654.5	1652.2	1659.5	1648.0	1642.2	1641.6	1659.1	
G4.0	1655.6	1653.7	1653.8	1650.8	1656.3	1643.6	1637.5	1636.7	1655.6	
G5.0	1651.5	1651.0	1652.2	1648.5	1652.0	1637.8	1632.3	1631.4	1651.5	
G6.0	1646.7	1647.9	1650.0	1645.7	1646.6	1631.7	1625.6	1624.5	1646.7	
G7.0	1641.1	1643.7	1647.1	1641.4	1641.1	1625.1	1618.7	1617.7	1641.1	
G8.0	1634.5	1638.9	1643.4	1636.8	1634.4	1617.4	1610.9	1610.0	1634.5	
G9.0	1627.5	1633.2	1638.9	1631.3	1627.4	1609.3	1602.5	1601.4	1627.5	
G10.0	1619.4	1626.9	1633.7	1624.9	1618.6	1599.4	1593.3	1592.3	1619.4	
G11.0	1610.8	1619.8	1627.5	1617.8	1609.8	1589.9	1583.8	1582.2	1610.8	
G12.0	1601.4	1612.1	1620.2	1610.8	1600.3	1579.5	1572.3	1571.7	1601.4	
G13.0	1591.3	1603.7	1612.6	1602.2	1589.9	1568.6	1560.9	1560.3	1591.3	
G14.0	1579.5	1594.4	1604.3	1593.2	1579.2	1557.0	1549.2	1548.6	1579.5	
G15.0	1567.9	1584.4	1595.0	1583.3	1567.6	1544.8	1536.9	1535.1	1567.9	
G16.0	1555.8	1573.8	1585.6	1571.6	1555.2	1531.8	1523.9	1521.7	1555.8	
G17.0	1543.0	1561.5	1574.2	1560.6	1542.5	1517.2	1510.3	1508.3	1543.0	
G18.0	1529.4	1549.3	1563.0	1548.7	1527.5	1502.9	1495.9	1493.8	1529.4	
G19.0	1515.5	1536.9	1551.4	1536.3	1513.5	1488.3	1481.3	1479.2	1515.5	
G20.0	1499.1	1523.6	1539.0	1523.1	1498.8	1473.2	1464.8	1463.5	1499.1	
G21.0	1483.8	1509.7	1526.2	1509.4	1483.8	1457.6	1449.2	1448.1	1483.8	
G22.0	1467.7	1493.6	1512.3	1495.0	1468.1	1440.0	1432.9	1430.1	1467.7	
G23.0	1451.2	1478.4	1498.2	1478.4	1451.6	1423.2	1416.1	1413.0	1451.2	
G24.0	1434.1	1462.4	1483.1	1464.4	1433.2	1406.1	1399.0	1395.7	1434.1	
G25.0	1416.5	1446.2	1467.6	1447.0	1415.8	1388.2	1381.4	1377.5	1416.5	
G26.0	1398.5	1429.6	1450.3	1430.3	1398.0	1370.1	1363.3	1359.1	1398.5	
G27.0	1380.1	1412.1	1433.7	1413.2	1379.7	1351.5	1344.8	1340.2	1380.1	
G28.0	1359.7	1392.8	1417.1	1396.0	1361.3	1332.8	1324.4	1321.2	1359.7	
G29.0	1340.4	1374.6	1399.4	1376.4	1342.3	1313.7	1305.4	1301.9	1340.4	
G30.0	1320.7	1355.9	1381.7	1357.9	1323.1	1292.4	1286.1	1282.2	1320.7	
G31.0	1301.0	1336.8	1363.5	1339.2	1301.7	1272.8	1266.6	1260.3	1301.0	
G32.0	1281.2	1317.3	1342.7	1319.8	1281.7	1252.4	1246.7	1240.0	1281.2	
G33.0	1258.7	1295.5	1323.7	1300.1	1261.7	1232.2	1226.7	1219.7	1258.7	
G34.0	1237.7	1275.1	1304.0	1278.4	1241.3	1211.8	1204.5	1198.7	1237.7	
G35.0	1217.1	1254.6	1284.1	1257.8	1220.4	1190.6	1183.6	1177.3	1217.1	
G36.0	1196.2	1233.8	1263.8	1237.3	1199.4	1169.7	1162.9	1156.2	1196.2	

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: 7.951 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	1174.9	1210.2	1241.1	1216.3	1178.2	1146.3	1141.6	1134.6	1174.9	
G38.0	1151.5	1188.8	1220.4	1195.1	1156.6	1124.8	1120.1	1112.7	1151.5	
G39.0	1129.7	1166.8	1199.1	1171.6	1132.7	1103.1	1098.6	1088.6	1129.7	
G40.0	1107.8	1144.8	1178.0	1149.8	1110.9	1081.4	1076.9	1066.7	1107.8	
G41.0	1085.6	1120.2	1154.0	1127.9	1089.3	1059.7	1055.3	1044.8	1085.6	
G42.0	1061.0	1097.6	1131.9	1105.6	1067.2	1037.8	1033.5	1022.7	1061.0	
G43.0	1038.5	1074.9	1109.6	1083.1	1045.0	1015.8	1011.4	1000.6	1038.5	
G44.0	1015.5	1052.1	1086.3	1058.1	1022.4	991.4	986.9	978.3	1015.5	
G45.0	991.9	1026.9	1060.1	1035.3	997.8	969.1	962.1	953.9	991.9	
G46.0	966.9	1003.7	1026.7	1012.4	975.5	946.9	934.3	931.8	966.9	
G47.0	937.7	980.3	995.3	989.1	952.4	924.2	903.8	909.1	937.7	
G48.0	910.1	956.6	963.6	963.1	929.7	901.7	873.4	886.7	910.1	
G49.0	881.8	932.8	933.0	939.5	906.6	878.9	844.1	863.8	881.8	
G50.0	852.9	908.9	903.7	915.7	883.7	856.1	813.2	841.1	852.9	
G51.0	822.8	882.5	875.1	892.0	860.5	830.8	786.2	818.2	822.8	
G52.0	789.3	858.5	847.3	868.6	837.2	807.8	761.1	795.2	789.3	
G53.0	758.5	834.3	824.5	842.2	814.1	784.9	738.4	770.0	758.5	
G54.0	728.1	808.6	801.5	818.3	788.7	762.0	715.2	746.3	728.1	
G55.0	697.5	776.7	776.0	792.4	765.6	737.0	690.8	720.3	697.5	
G56.0	667.9	744.8	753.0	764.1	742.2	710.2	665.3	690.8	667.9	
G57.0	637.2	712.1	729.8	735.3	719.0	680.3	637.1	660.5	637.2	
G58.0	610.8	678.7	706.5	705.9	695.9	653.1	611.2	626.7	610.8	
G59.0	585.3	645.4	683.2	674.1	672.3	626.4	585.0	595.7	585.3	
G60.0	560.4	609.0	657.4	646.1	649.0	601.0	560.1	565.7	560.4	
G61.0	534.3	577.6	633.8	618.9	623.2	576.7	535.9	536.5	534.3	
G62.0	511.6	548.0	611.5	594.6	599.9	553.8	513.1	509.2	511.6	
G63.0	489.4	515.7	591.3	569.7	576.6	530.7	492.9	481.8	489.4	
G64.0	467.5	487.3	576.6	547.2	550.7	504.4	478.7	451.1	467.5	
G65.0	443.2	459.9	561.4	524.8	519.5	480.4	465.3	424.1	443.2	
G66.0	414.5	432.3	542.8	500.7	489.2	456.1	450.0	398.9	414.5	
G67.0	380.6	408.5	523.3	478.8	461.8	432.4	432.9	375.2	380.6	
G68.0	356.1	385.5	499.0	456.9	441.2	409.1	412.1	352.7	356.1	
G69.0	337.5	364.0	471.9	433.1	420.9	387.2	389.0	330.5	337.5	
G70.0	319.0	345.4	447.2	412.2	400.7	365.3	368.3	313.7	319.0	
G71.0	298.8	332.1	422.5	390.4	380.2	344.8	347.5	298.6	298.8	
G72.0	280.6	318.1	397.6	368.7	358.4	323.8	327.3	281.4	280.6	
G73.0	262.6	296.4	370.8	349.9	338.7	305.7	307.2	259.7	262.6	

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: 7.951 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	243.4	269.1	346.6	333.4	319.8	288.0	287.2	239.2	243.4	
G75.0	227.6	249.8	322.4	312.5	307.0	269.2	265.6	222.9	227.6	
G76.0	212.0	231.0	289.5	289.6	292.9	250.7	246.5	206.8	212.0	
G77.0	195.3	212.3	253.5	268.9	272.5	230.8	226.8	190.5	195.3	
G78.0	179.0	192.3	220.4	249.3	252.0	213.0	207.6	174.7	179.0	
G79.0	165.2	174.7	193.3	229.9	229.7	197.1	189.8	160.3	165.2	
G80.0	149.9	153.4	175.3	210.8	198.4	179.2	171.0	144.9	149.9	
G81.0	136.6	134.5	158.5	187.7	172.8	160.5	153.3	131.5	136.6	
G82.0	120.5	123.9	142.4	165.6	158.9	143.6	133.6	118.5	120.5	
G83.0	109.7	114.3	128.8	140.5	145.3	124.6	114.9	105.6	109.7	
G84.0	95.6	102.5	111.5	125.9	131.6	111.3	99.8	92.3	95.6	
G85.0	80.4	89.0	98.9	113.5	117.5	97.7	86.2	82.6	80.4	
G86.0	67.3	79.0	89.0	99.8	102.2	86.1	69.4	72.4	67.3	
G87.0	60.2	70.8	74.4	87.3	87.8	74.5	58.9	62.6	60.2	
G88.0	38.8	61.0	60.9	76.7	76.0	64.2	51.9	54.6	38.8	
G89.0	27.4	38.6	48.9	65.9	63.2	56.9	40.9	33.8	27.4	
G90.0	26.4	29.9	33.0	45.0	50.0	40.9	22.5	28.8	26.4	
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: 7.951 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: 7.951 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: 7.951 m  
 Humidity: 58  
 Inspector: