



IDEA

/CHARO (06.AA13.0020.__)

Luminaire Property

Luminaire Description: 10W
Current: 0.047 A
Power Factor: 0.960

Voltage: 220 V
Power: 9.85 W

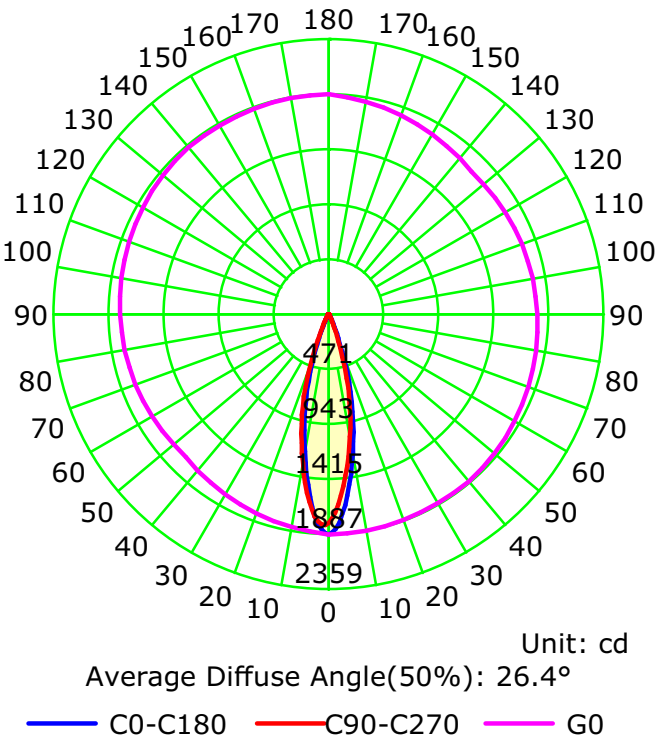
Photometric Results

CIE Class: Direct
Measurement Flux: 455.5 lm
Downward Ratio: 100%
Horizontal Diffuse Angle(50%): H25.9
Vertical Diffuse Angle(50%): V27
Luminaire Efficacy Rating (LER): 46.29
Max. Intensity: 1887.73 cd
S/MH(C0/C180): 0.43

Total Rated Lamp Lumens: 455.5 lm
Efficiency: 100%
Upward Ratio: 0%

Central Intensity: 1887.73 cd
Pos of Max. Intensity: H0 V0
S/MH(C90/C270): 0.45

Luminous Intensity Distribution Curve



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

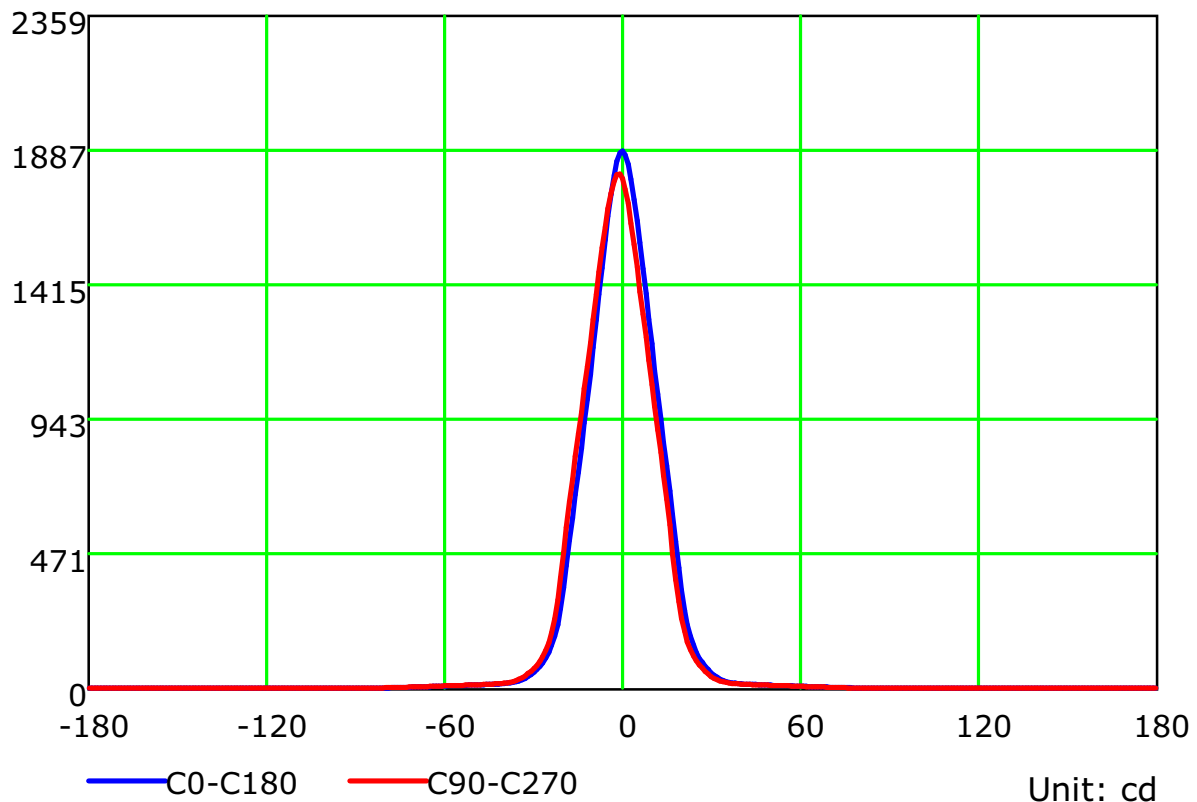
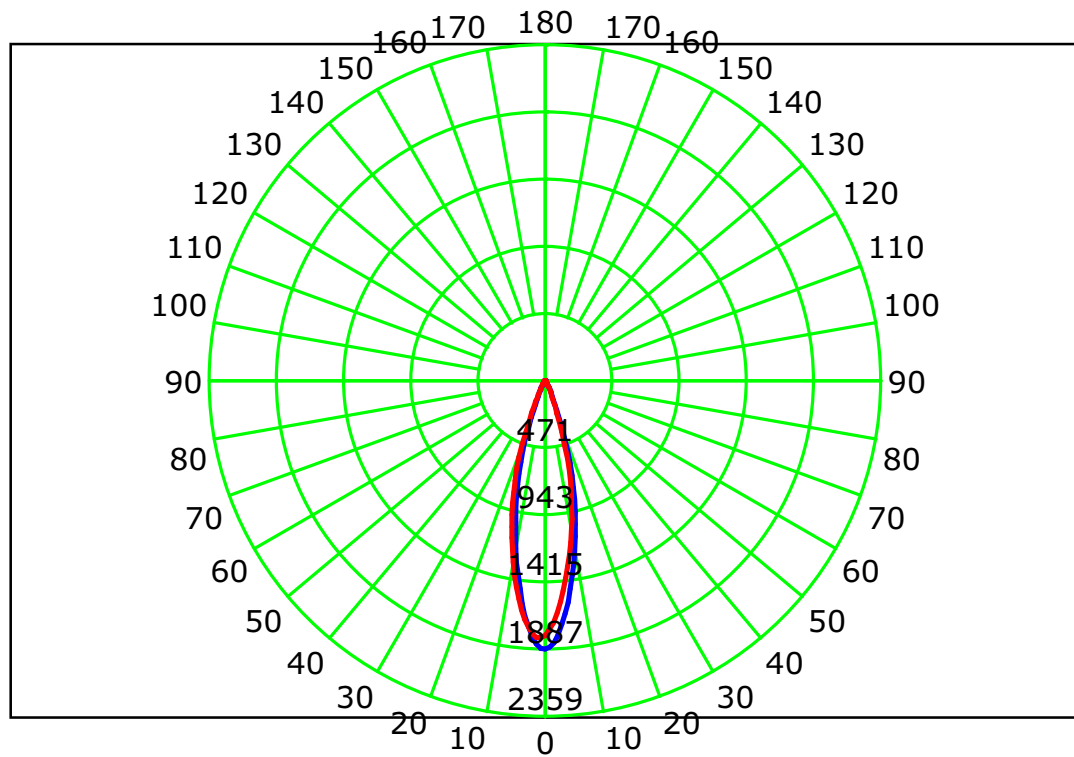
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.991 m
Humidity: 58



IDEA

/CHARO (06.AA13.0020.__)

Luminous Intensity Distribution Curve



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

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.991 m
Humidity: 58



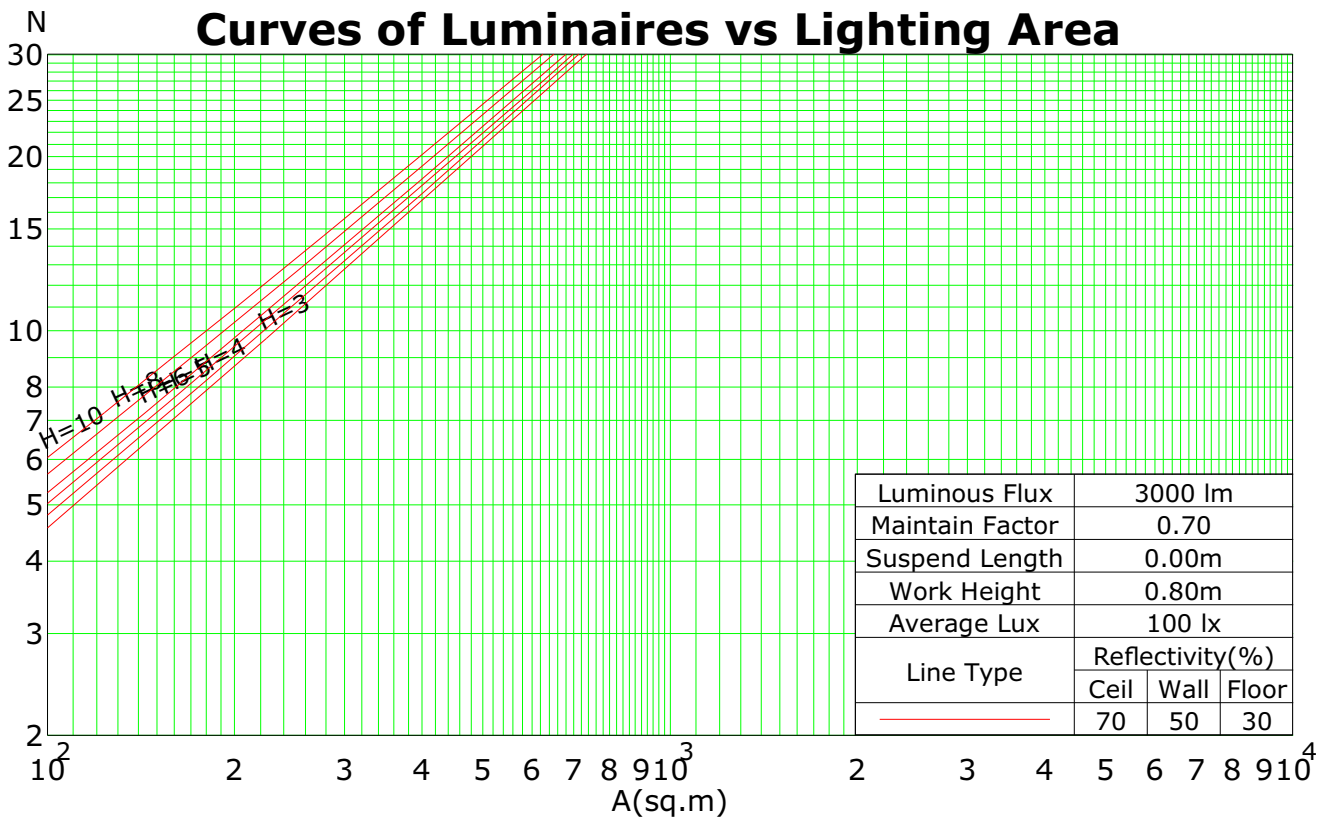
Coefficients Of Utilization - Zonal Cavity Method

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	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	91
3	106	101	97	94	104	99	96	93	97	94	91	95	92	90	92	90	89	87
4	102	96	92	89	101	95	91	88	93	90	87	91	88	86	90	87	85	84
5	99	92	88	84	97	91	87	84	90	86	83	88	85	83	87	84	82	81
6	96	89	84	81	94	88	84	81	87	83	80	85	82	80	84	81	79	78
7	93	86	81	78	92	85	81	78	84	80	77	83	79	77	82	79	76	75
8	90	83	78	75	89	82	78	75	81	77	75	80	77	74	79	76	74	73
9	87	80	76	72	86	80	75	72	79	75	72	78	74	72	77	74	72	71
10	85	78	73	70	84	77	73	70	76	73	70	76	72	70	75	72	70	69

Spacing Criteria (0-180): 0.43

Spacing Criteria (90-270): 0.45

Spacing Criteria (Diagonal): 0.45



C Plane (°):0.0-360.0: 45.0

Test Lab: Inventfine instruments

Test Type: TYPE C

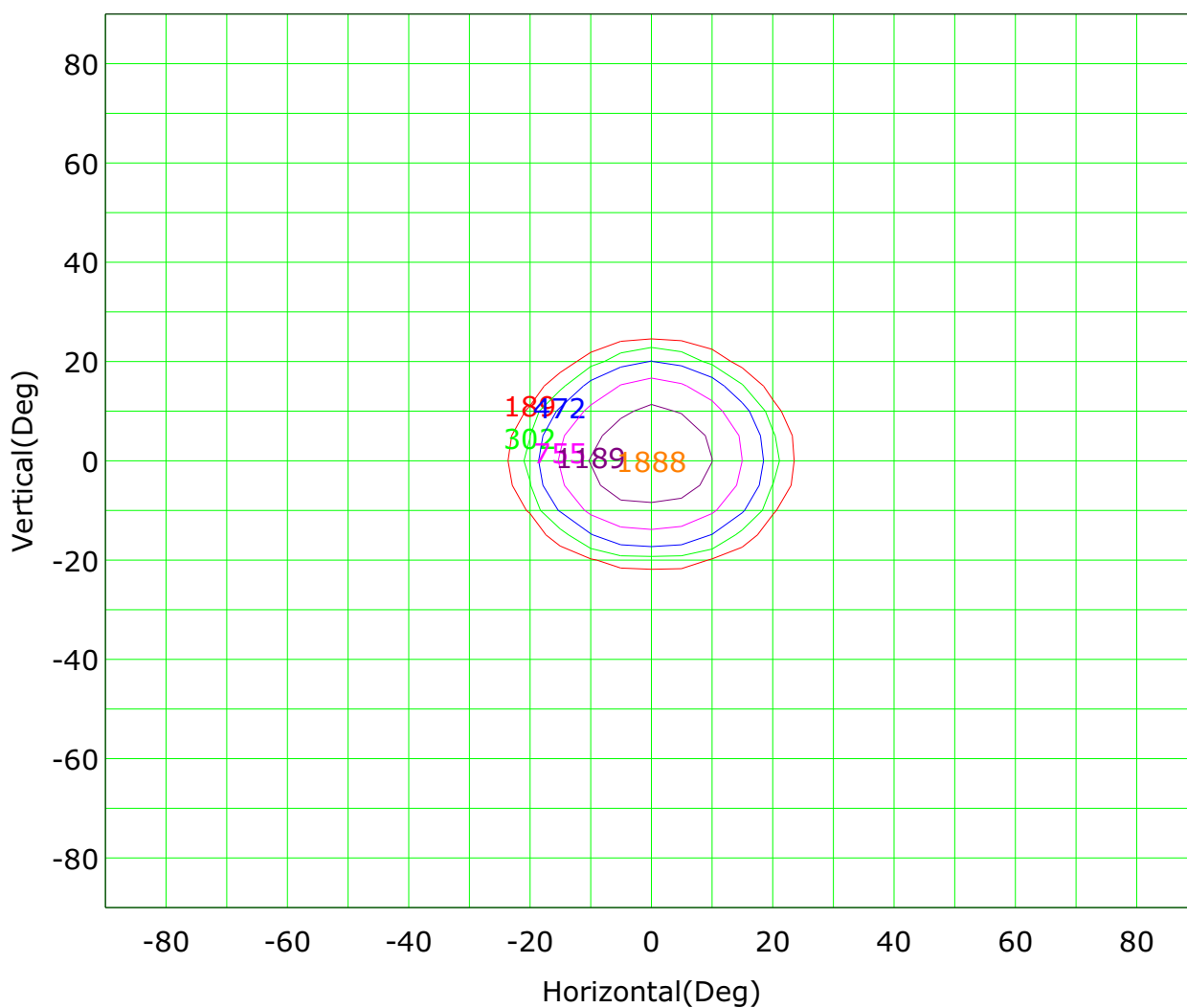
Temperature: 26

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 7.991 m

Humidity: 58

**Isocandela (rectangle)**

Imax (100%): 1888 cd

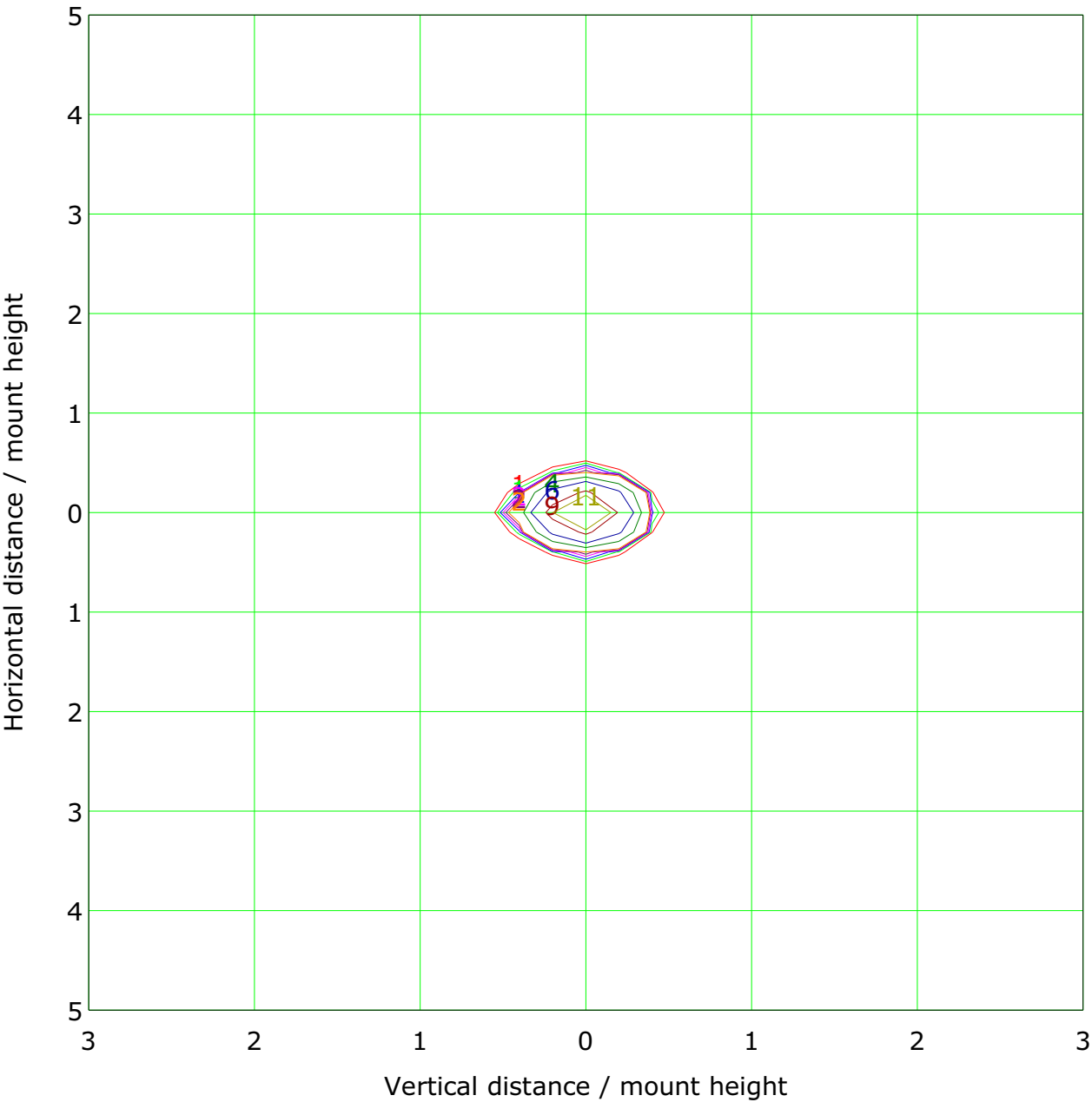
(10%): 189 cd	(16%): 302 cd
(25%): 472 cd	(40%): 755 cd
(63%): 1189 cd	(100%): 1888 cd

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

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.991 m
Humidity: 58



IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 18.9 lx	
(5%):	0.9 lx	(6%):	1.1 lx
(7%):	1.3 lx	(8%):	1.5 lx
(9%):	1.7 lx	(10%):	1.9 lx
(20%):	3.8 lx	(30%):	5.7 lx
(50%):	9.4 lx	(60%):	11.3 lx

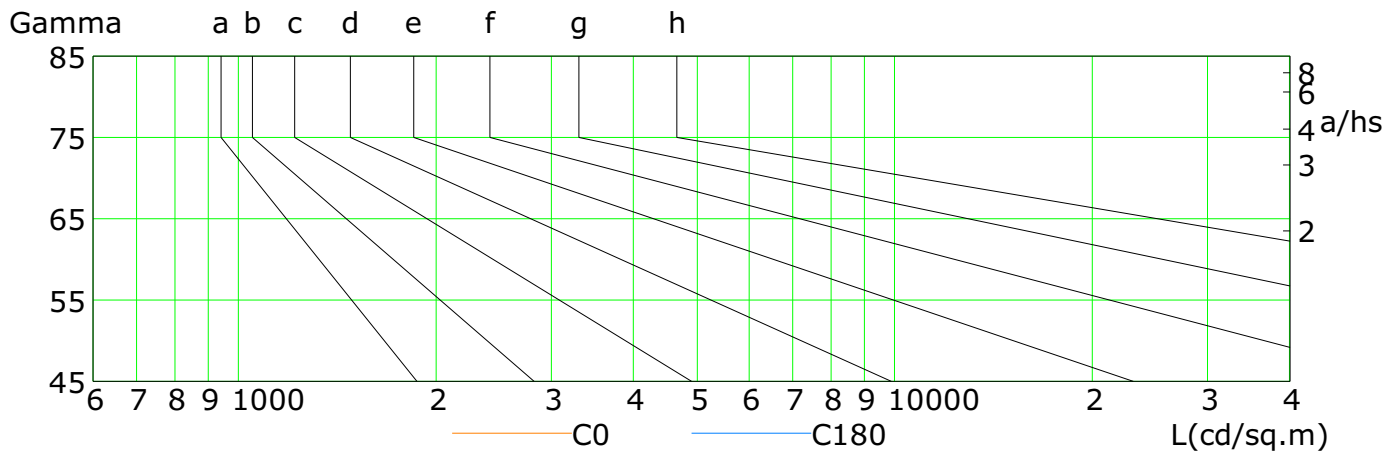
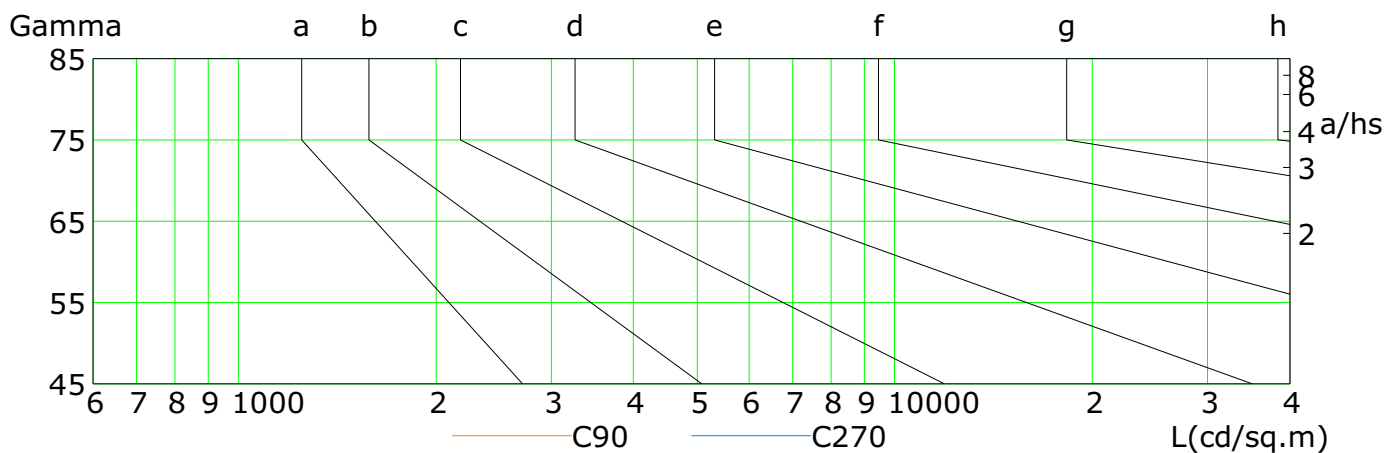
C Plane (°):0.0-360.0: 45.0
Test Lab: Inventfine instruments
Test Type: TYPE C
Temperature: 26

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.991 m
Humidity: 58

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



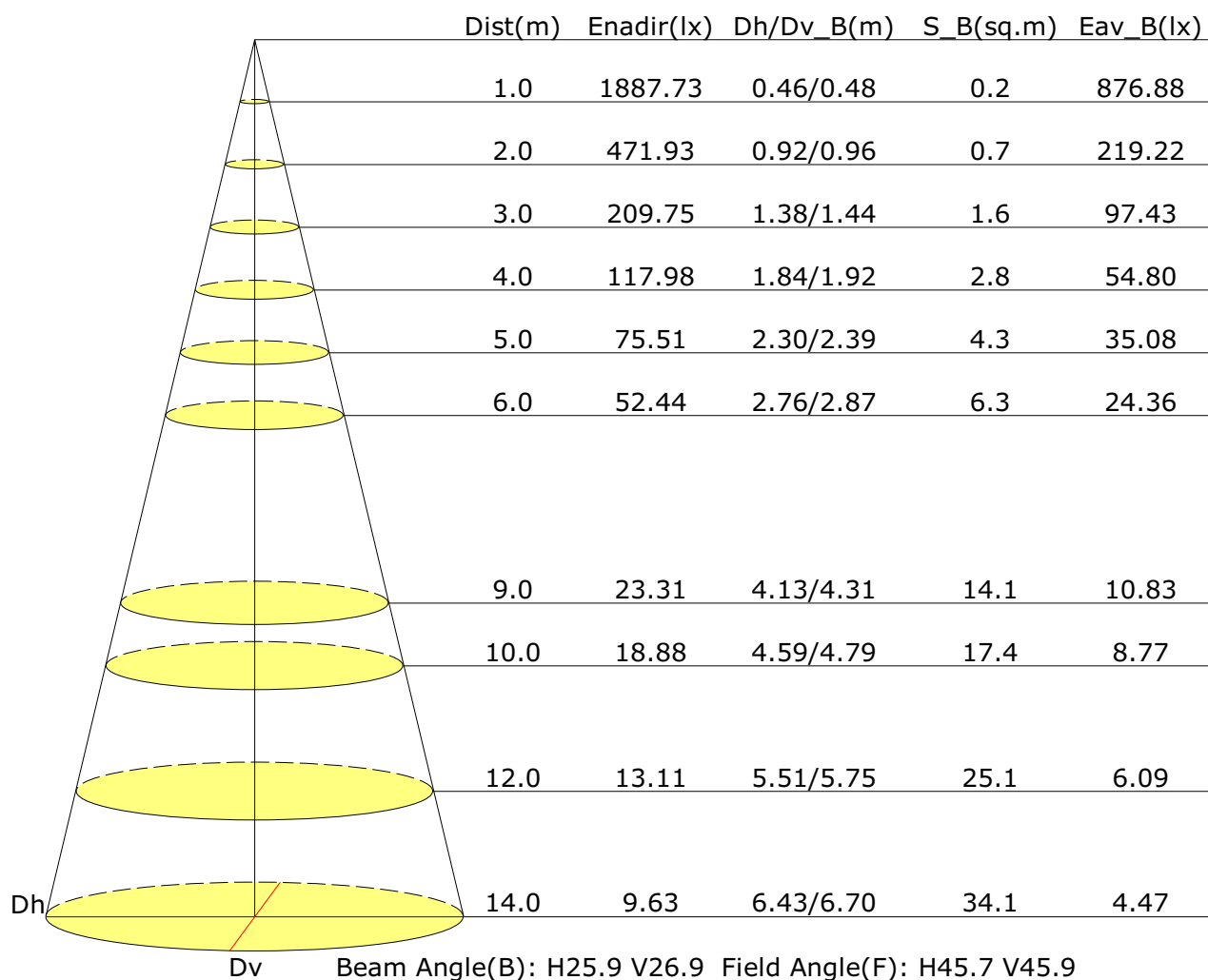
L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	14	11	10	8	6	4	3	2	0
C90	13	11	9	7	6	4	2	1	0
C180	14	12	11	9	7	5	3	2	1
C270	15	12	11	9	7	5	4	2	1

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 7.991 m
 Humidity: 58



Illuminance at a Distance

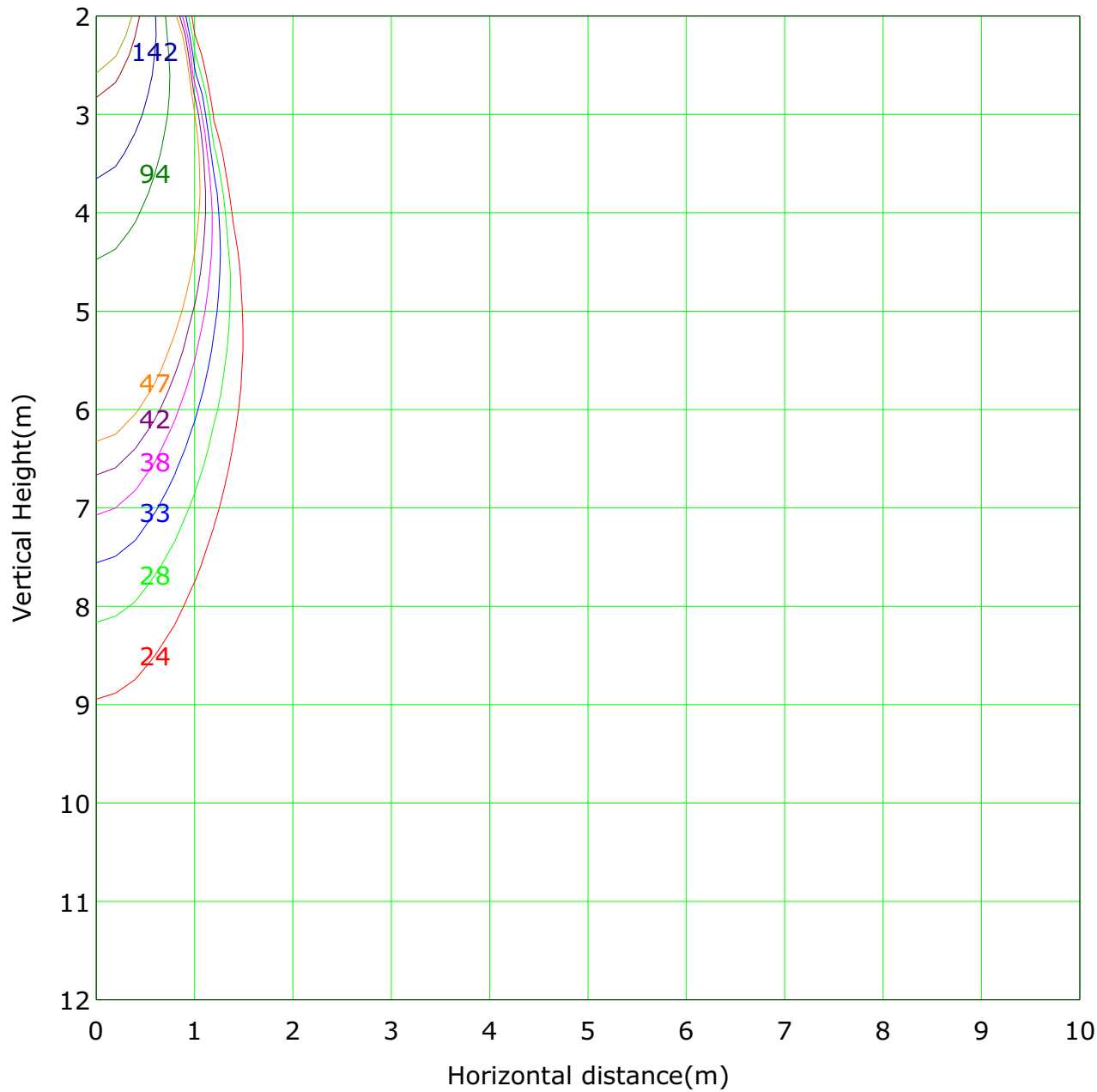


C Plane (°):0.0-360.0: 45.0
 Test Lab: Inventfine instruments
 Test Type: TYPE C
 Temperature: 26

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 7.991 m
 Humidity: 58



Vertical IsoLux Plot



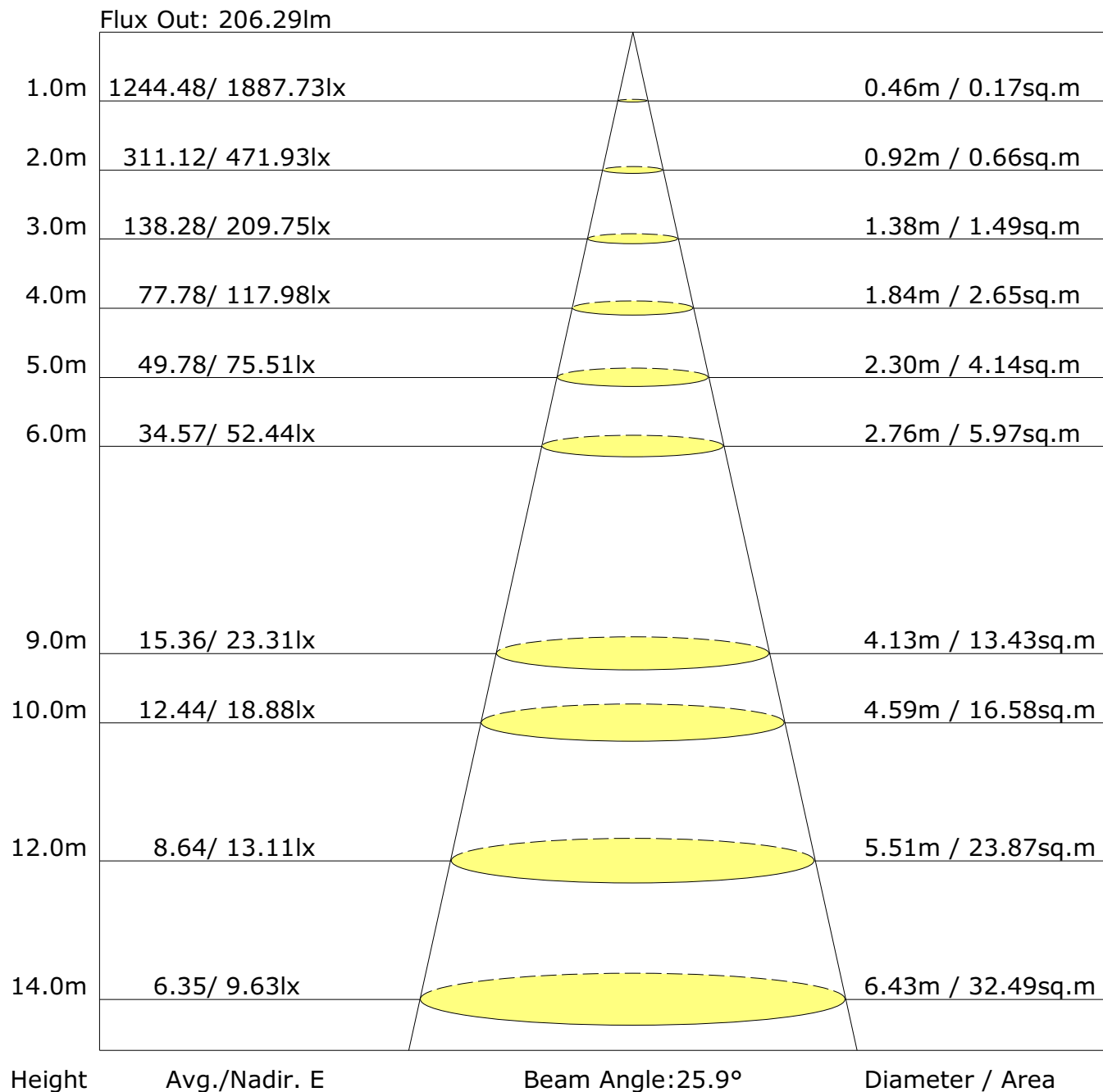
Lowest(m): 2.0m	Highest(m): 12.0m	Max Lux: 471.9 lx
(5%): 23.6 lx	(6%): 28.3 lx	
(7%): 33.0 lx	(8%): 37.8 lx	
(9%): 42.5 lx	(10%): 47.2 lx	
(20%): 94.4 lx	(30%): 141.6 lx	
(50%): 236.0 lx	(60%): 283.2 lx	

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

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 7.991 m
Humidity: 58



The Average Illuminance Effective Figure



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

Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-1800B
 Distance: 7.991 m
 Humidity: 58



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 455lm ($8\log(F/F_0) = -2.7$).

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 7.991 m
 Humidity: 58



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	1887.7	1868.4	1790.4	1733.8	1887.7	1868.4	1790.4	1733.8	1887.7	
G1.0	1873.2	1845.7	1751.9	1725.7	1879.6	1869.4	1806.2	1725.1	1873.2	
G2.0	1839.7	1807.1	1702.4	1703.3	1850.1	1850.9	1803.8	1699.0	1839.7	
G3.0	1788.8	1751.8	1632.9	1664.4	1801.9	1806.4	1781.2	1657.2	1788.8	
G4.0	1716.5	1683.2	1557.4	1604.7	1733.3	1751.9	1738.6	1597.0	1716.5	
G5.0	1642.8	1598.3	1480.0	1541.6	1657.9	1674.8	1685.1	1532.7	1642.8	
G6.0	1564.7	1515.4	1393.0	1471.3	1574.3	1591.4	1620.3	1459.5	1564.7	
G7.0	1473.2	1423.6	1314.5	1388.0	1475.2	1504.0	1546.4	1374.4	1473.2	
G8.0	1386.0	1334.5	1232.4	1305.8	1384.0	1417.2	1462.2	1298.0	1386.0	
G9.0	1296.2	1249.2	1151.0	1222.1	1294.1	1320.4	1383.5	1222.2	1296.2	
G10.0	1209.5	1163.4	1065.4	1141.6	1197.7	1233.3	1295.3	1138.5	1209.5	
G11.0	1115.7	1074.8	989.8	1054.9	1101.8	1137.1	1213.3	1061.7	1115.7	
G12.0	1032.6	995.8	907.6	975.5	1015.5	1049.6	1129.7	984.5	1032.6	
G13.0	945.7	911.9	828.5	892.1	931.4	965.0	1051.8	908.7	945.7	
G14.0	861.4	829.4	746.5	811.7	843.5	877.6	968.8	827.6	861.4	
G15.0	780.6	751.5	663.2	728.7	757.4	798.2	893.1	753.9	780.6	
G16.0	693.6	663.6	573.2	655.2	679.0	719.9	815.3	668.7	693.6	
G17.0	609.7	573.1	471.3	566.2	599.5	639.0	734.8	585.3	609.7	
G18.0	515.5	473.9	381.4	484.9	519.8	559.7	654.7	497.7	515.5	
G19.0	424.4	384.5	304.9	391.0	430.6	475.7	566.2	405.4	424.4	
G20.0	344.5	304.7	245.6	318.2	354.0	395.3	478.0	329.1	344.5	
G21.0	273.9	248.4	201.1	258.8	279.3	319.0	388.8	263.7	273.9	
G22.0	223.5	199.5	163.4	207.5	223.9	255.2	310.6	211.9	223.5	
G23.0	183.9	164.6	136.0	170.8	183.0	202.0	244.1	174.2	183.9	
G24.0	152.7	137.0	114.3	141.8	152.5	165.1	193.7	142.8	152.7	
G25.0	126.1	115.6	97.3	119.6	126.3	137.2	159.9	120.5	126.1	
G26.0	105.4	96.7	82.5	101.9	106.7	113.4	133.1	102.2	105.4	
G27.0	90.3	82.1	70.3	85.8	89.2	97.2	111.8	87.0	90.3	
G28.0	77.3	70.2	59.8	73.3	76.4	82.5	95.1	73.5	77.3	
G29.0	66.2	59.3	49.6	63.0	66.2	71.8	80.8	63.2	66.2	
G30.0	55.3	48.9	41.7	53.3	56.6	61.4	70.0	53.4	55.3	
G31.0	46.4	41.3	35.2	45.1	48.6	53.1	59.9	45.1	46.4	
G32.0	39.0	35.0	30.4	38.1	41.0	45.1	51.9	38.1	39.0	
G33.0	32.9	30.1	26.3	31.9	34.9	38.8	43.8	32.2	32.9	
G34.0	28.4	26.2	23.2	27.7	29.7	32.9	37.3	27.6	28.4	
G35.0	24.6	23.4	20.9	24.5	26.0	28.6	31.5	24.3	24.6	
G36.0	21.9	21.2	19.3	21.8	23.2	25.3	27.4	21.7	21.9	

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 7.991 m
 Humidity: 58



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	20.0	19.5	18.0	19.9	21.0	22.8	24.3	19.7	20.0	
G38.0	18.5	18.2	17.0	18.3	19.4	20.9	21.9	18.2	18.5	
G39.0	17.4	17.2	16.2	17.2	18.0	19.3	20.0	17.0	17.4	
G40.0	16.5	16.3	15.4	16.4	17.1	18.2	18.5	16.1	16.5	
G41.0	15.7	15.6	14.9	15.6	16.3	17.2	17.5	15.4	15.7	
G42.0	15.1	15.0	14.3	14.9	15.6	16.4	16.6	14.7	15.1	
G43.0	14.5	14.4	13.8	14.3	15.0	15.6	15.9	14.1	14.5	
G44.0	14.1	13.9	13.4	13.8	14.5	15.1	15.2	13.7	14.1	
G45.0	13.5	13.4	12.9	13.3	14.0	14.6	14.7	13.2	13.5	
G46.0	13.1	12.9	12.5	12.9	13.6	14.1	14.1	12.7	13.1	
G47.0	12.6	12.4	12.1	12.5	13.1	13.7	13.7	12.3	12.6	
G48.0	12.2	12.0	11.7	12.1	12.7	13.2	13.2	11.9	12.2	
G49.0	11.8	11.6	11.3	11.7	12.3	12.8	12.8	11.5	11.8	
G50.0	11.4	11.2	10.9	11.4	11.9	12.4	12.4	11.2	11.4	
G51.0	11.1	10.9	10.7	11.0	11.7	12.1	12.0	10.9	11.1	
G52.0	10.8	10.6	10.4	10.8	11.4	11.7	11.7	10.6	10.8	
G53.0	10.4	10.3	10.0	10.5	11.0	11.4	11.4	10.3	10.4	
G54.0	10.1	9.9	9.7	10.2	10.8	11.0	11.0	10.0	10.1	
G55.0	9.8	9.6	9.4	9.9	10.5	10.8	10.7	9.7	9.8	
G56.0	9.5	9.3	9.0	9.7	10.2	10.4	10.4	9.4	9.5	
G57.0	9.1	9.0	8.6	9.4	9.9	10.1	10.1	9.1	9.1	
G58.0	8.8	8.5	8.0	9.1	9.6	9.9	9.8	8.8	8.8	
G59.0	8.4	7.9	7.7	8.6	9.2	9.5	9.5	8.4	8.4	
G60.0	7.8	7.5	7.4	8.1	8.6	9.0	9.1	7.9	7.8	
G61.0	7.5	7.1	7.0	7.7	8.2	8.5	8.7	7.6	7.5	
G62.0	7.1	6.7	6.6	7.4	7.8	8.1	8.1	7.2	7.1	
G63.0	6.7	6.4	6.3	7.0	7.5	7.7	7.8	6.8	6.7	
G64.0	6.4	6.1	5.9	6.7	7.1	7.3	7.4	6.5	6.4	
G65.0	6.1	5.8	5.6	6.3	6.7	7.0	7.1	6.2	6.1	
G66.0	5.7	5.4	5.2	6.0	6.4	6.6	6.7	5.8	5.7	
G67.0	5.3	5.1	4.9	5.6	6.0	6.2	6.4	5.5	5.3	
G68.0	5.0	4.8	4.6	5.3	5.6	5.8	6.0	5.2	5.0	
G69.0	4.7	4.5	4.3	5.0	5.3	5.5	5.6	4.8	4.7	
G70.0	4.4	4.2	4.0	4.6	5.0	5.2	5.3	4.5	4.4	
G71.0	4.1	3.8	3.6	4.3	4.6	4.8	5.0	4.2	4.1	
G72.0	3.8	3.6	3.3	4.0	4.3	4.5	4.6	3.9	3.8	
G73.0	3.5	3.3	3.1	3.6	4.0	4.2	4.3	3.6	3.5	

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 7.991 m
 Humidity: 58



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	3.2	3.0	2.7	3.3	3.7	3.9	4.0	3.3	3.2	
G75.0	2.9	2.7	2.4	3.1	3.4	3.5	3.7	3.0	2.9	
G76.0	2.6	2.4	2.2	2.8	3.1	3.3	3.4	2.7	2.6	
G77.0	2.3	2.1	1.9	2.5	2.8	3.0	3.1	2.4	2.3	
G78.0	2.1	1.9	1.7	2.3	2.5	2.7	2.9	2.2	2.1	
G79.0	1.8	1.6	1.4	1.9	2.2	2.4	2.5	1.9	1.8	
G80.0	1.6	1.3	1.1	1.7	2.0	2.1	2.3	1.7	1.6	
G81.0	1.3	1.1	0.9	1.4	1.7	1.8	2.0	1.4	1.3	
G82.0	1.1	0.9	0.7	1.1	1.4	1.6	1.7	1.1	1.1	
G83.0	0.9	0.6	0.5	0.9	1.1	1.3	1.5	0.9	0.9	
G84.0	0.6	0.0	0.0	0.7	0.9	1.0	1.2	0.7	0.6	
G85.0	0.0	0.0	0.0	0.0	0.6	0.8	1.0	0.0	0.0	
G86.0	0.0	0.0	0.0	0.0	0.0	0.5	0.8	0.0	0.0	
G87.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	
G88.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G89.0	0.0	0.0	0.0	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	0.0	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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 7.991 m
 Humidity: 58



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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 7.991 m
 Humidity: 58



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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 7.991 m
 Humidity: 58