

Report No.:

Test Time: 2022/6/13 16:52

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: Curved pendants CS35 D-rows flex pcb RGBW

Luminaire Description: Curved pendants CS35 D-rows flex pcb RGBW

Lamp Catalog: CV RGBW

Luminous Length (mm): 300

Luminous Width (mm): 35

Luminous Height (mm): 25

Voltage: 24.0 V

Current: 0.572 A

Power: 13.73 W

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 286 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(10%,50%): H157.3,H103.1

Vertical Diffuse Angle(10%,50%): V157.8,V100.2

Luminaire Efficacy Rating (LER): 21

Max. Intensity: 114.39 cd

Total Rated Lamp Lumens: 286.0 lm

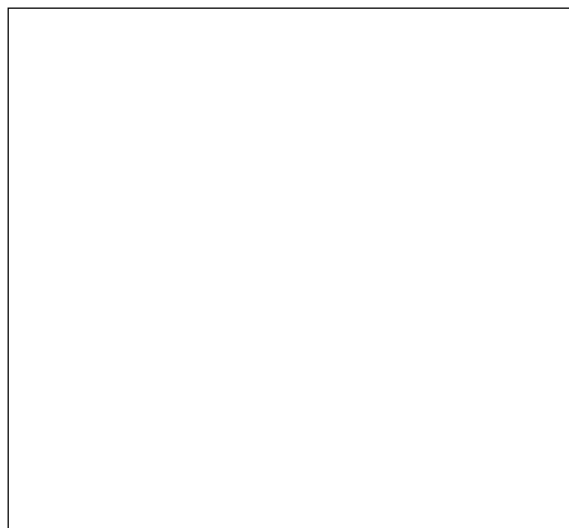
Efficiency: 100%

Upward Ratio: 1%

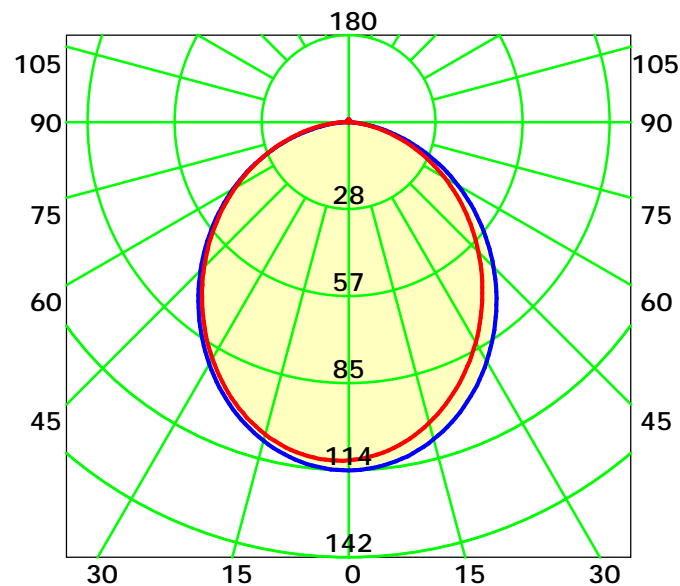
Central Intensity: 114.39 cd

Pos of Max. Intensity: H0 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 101.6° Unit: cd

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Jacky

Gamma Plane (°):0.0-180.0: 1.0

Test Device: GPM-1800B

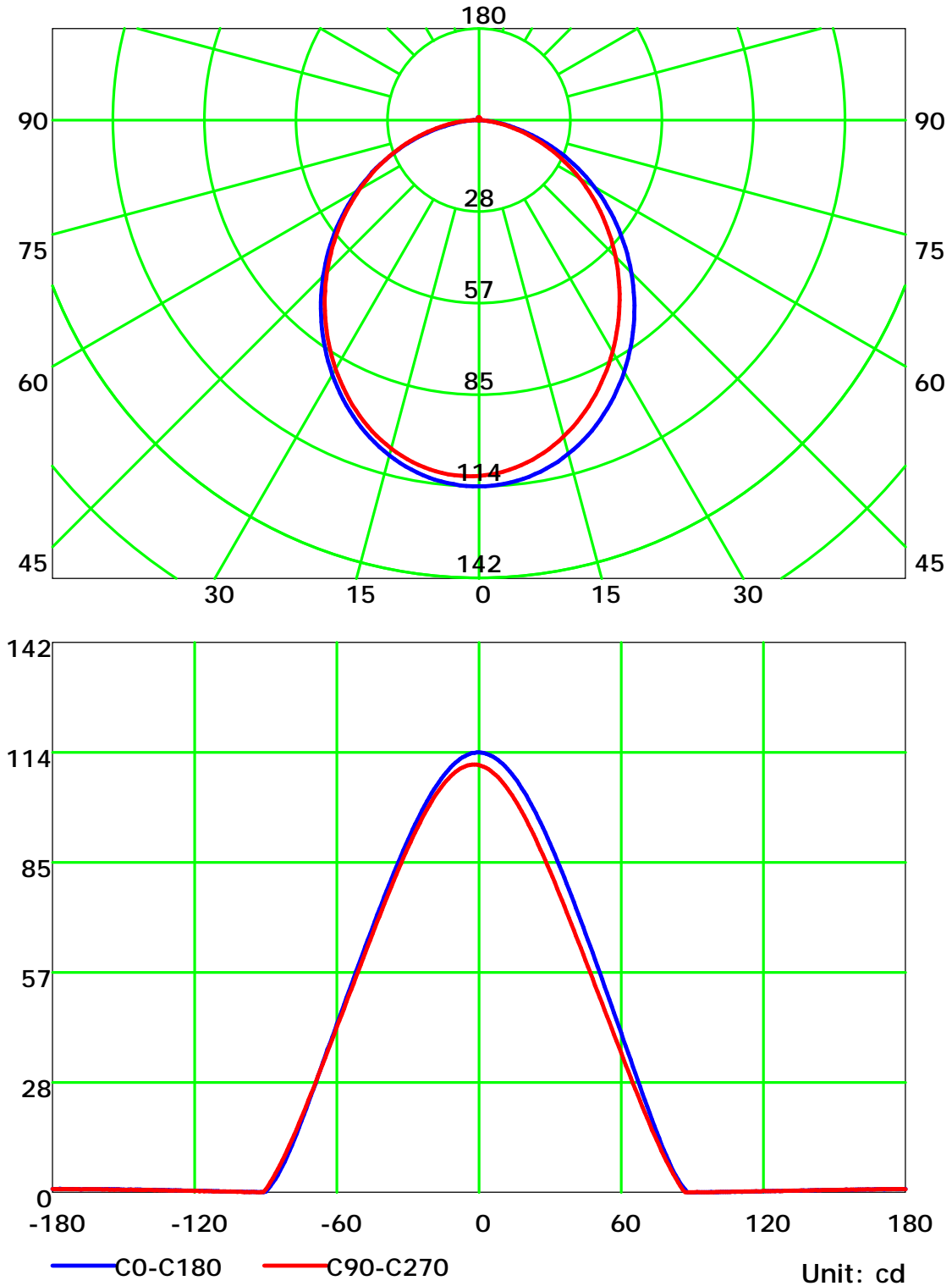
Distance: 9.028 m

Humidity: 60%

Inspector:



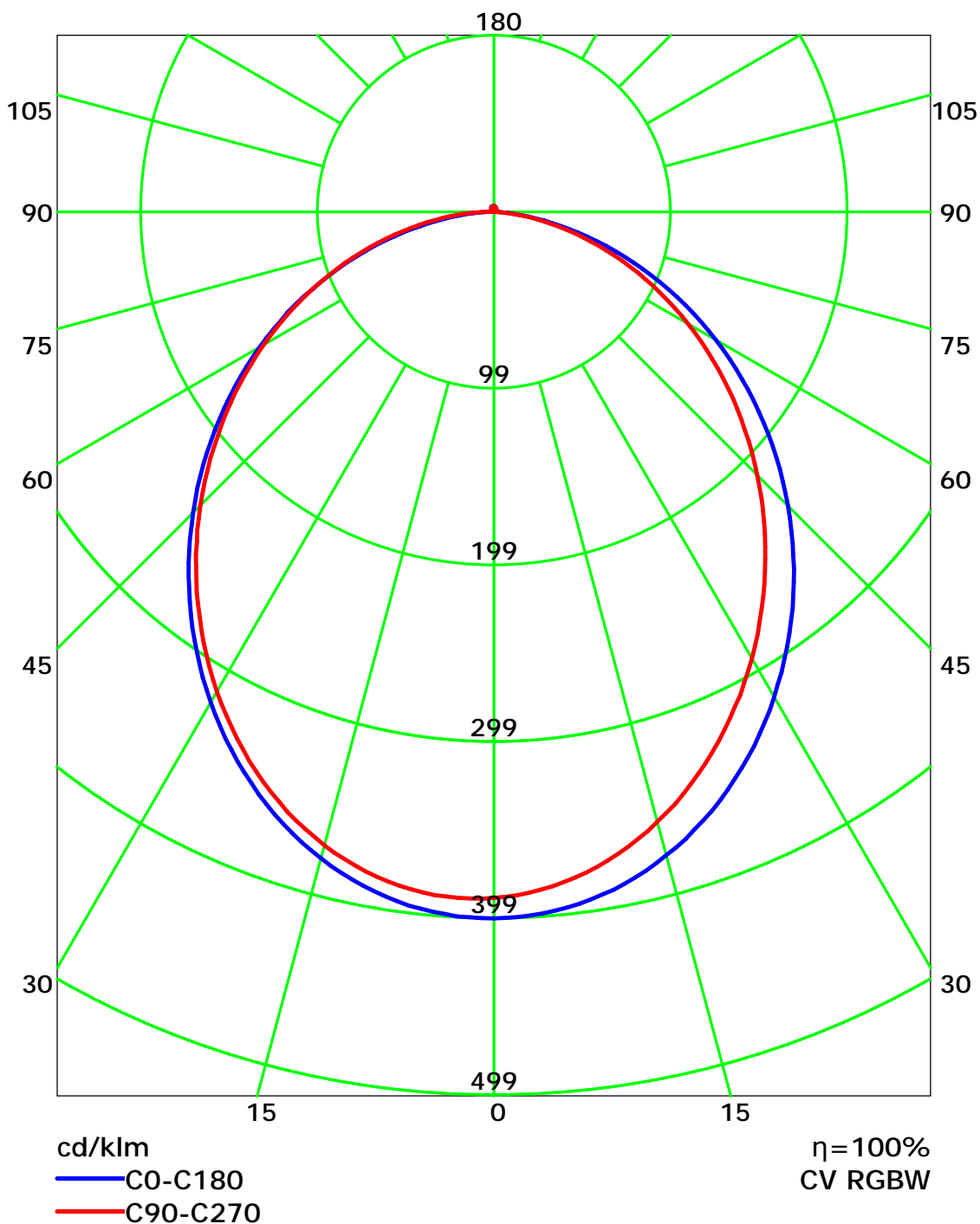
Luminous Intensity Distribution Curve



C Plane (°): 0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

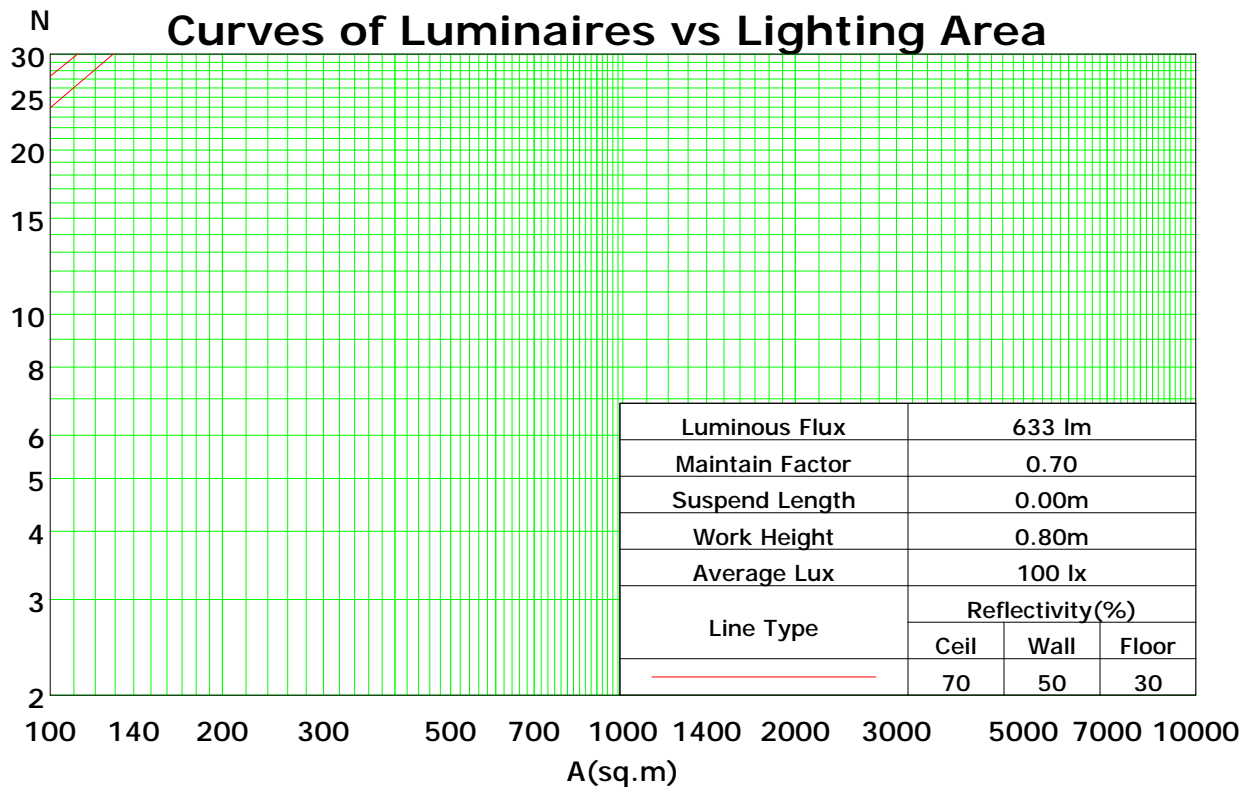
Coefficients Of Utilization - Zonal Cavity Method

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	109	104	100	96	106	102	98	95	97	94	92	93	91	89	90	88	86	84
2	99	91	85	79	97	89	83	78	86	80	76	82	78	74	79	76	72	70
3	91	80	72	66	88	79	71	65	76	69	64	73	67	63	70	66	62	60
4	83	71	63	56	81	70	62	56	67	60	55	65	59	54	63	58	53	51
5	77	64	55	49	74	63	55	48	61	53	48	59	52	47	57	51	47	44
6	71	58	49	43	69	57	48	42	55	47	42	53	47	42	51	46	41	39
7	66	52	44	38	64	52	43	38	50	43	37	49	42	37	47	41	37	35
8	61	48	40	34	60	47	39	34	46	39	33	45	38	33	43	37	33	31
9	57	44	36	31	56	43	36	30	42	35	30	41	35	30	40	34	30	28
10	54	41	33	28	52	40	33	28	39	32	27	38	32	27	37	31	27	25

Spacing Criteria (0-180): 1.19

Spacing Criteria (90-270): 1.17

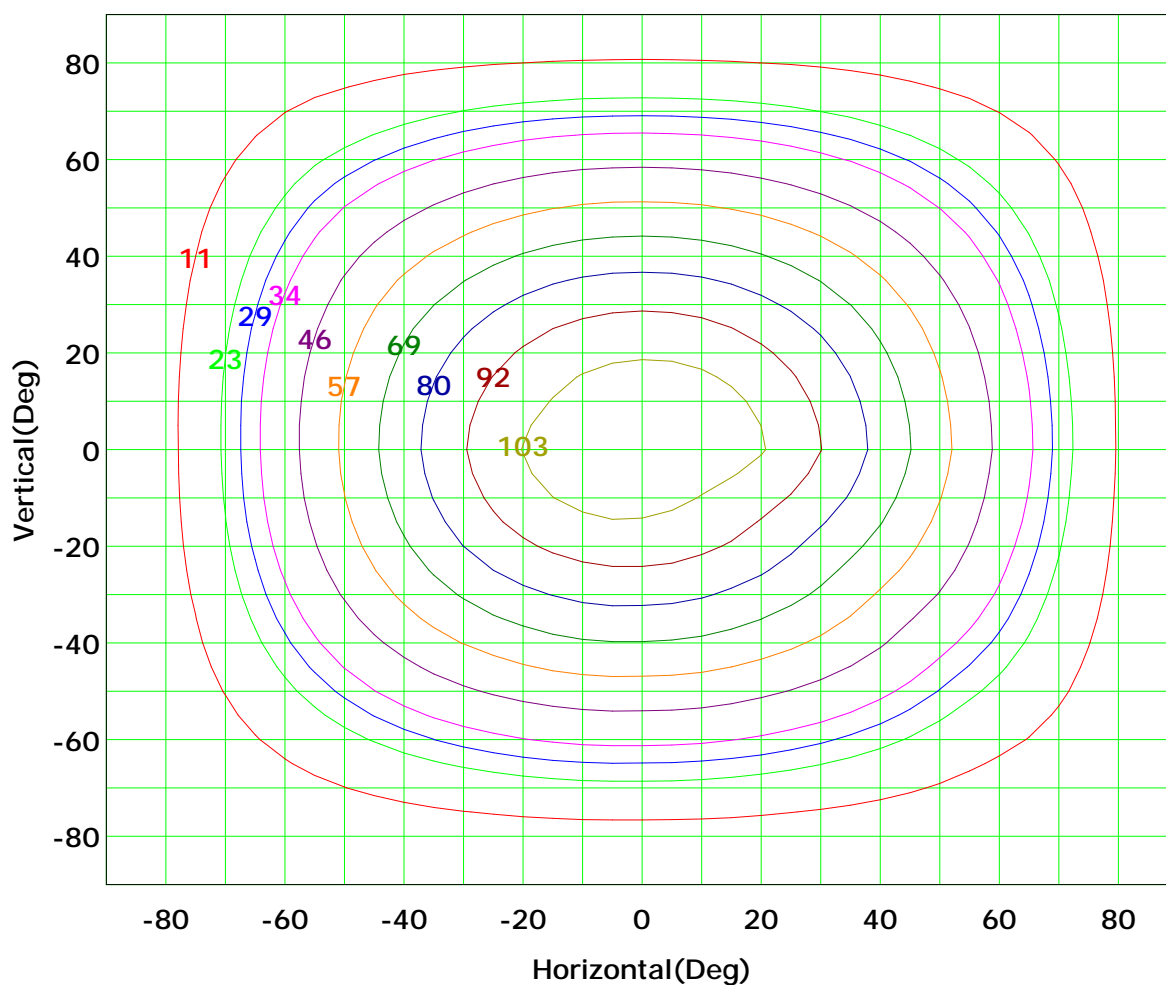
Spacing Criteria (Diagonal): 1.28



C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

Isocandela (rectangle)



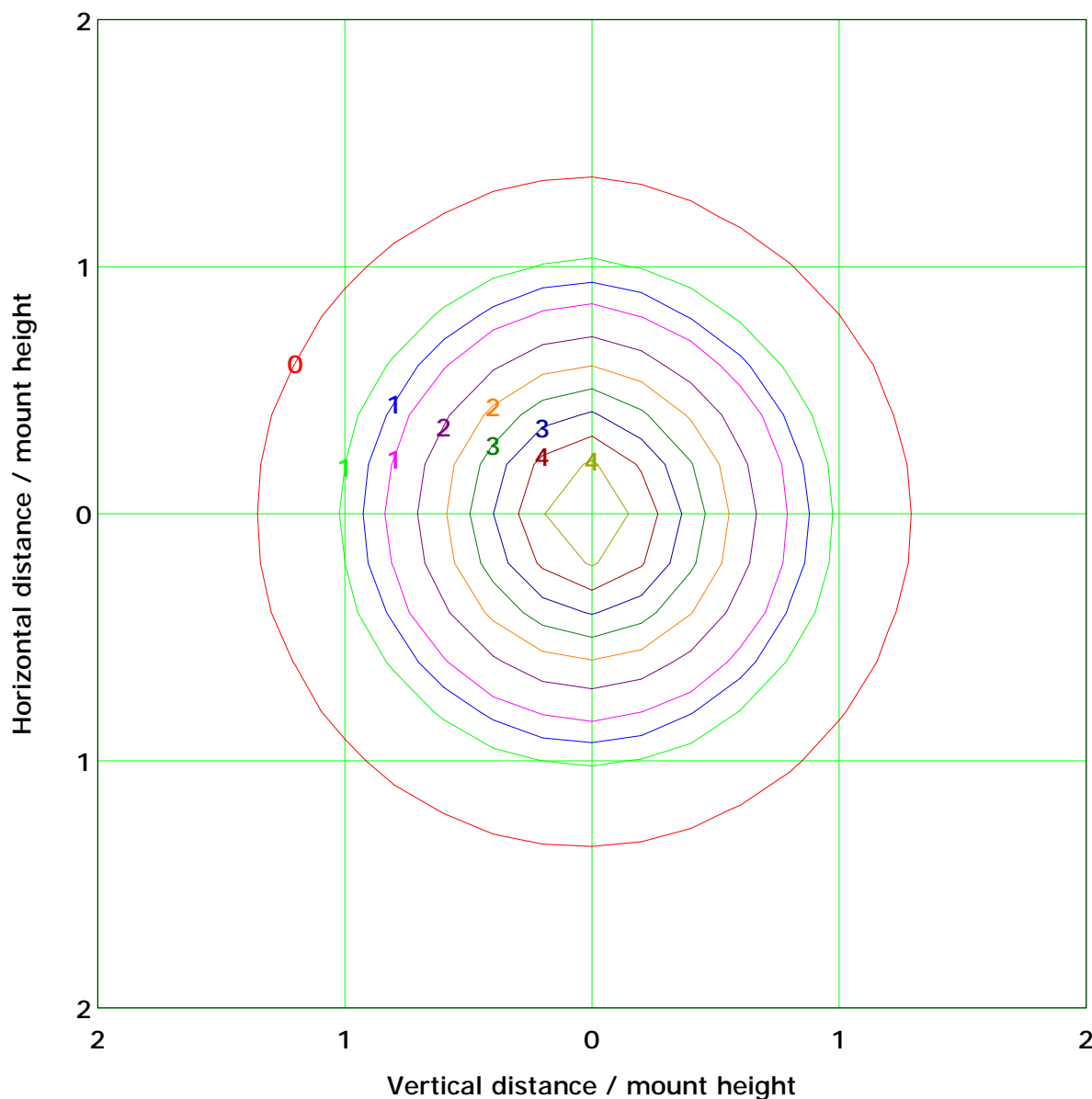
I_{max} (100%): 114 cd

(10%):	11 cd	(20%):	23 cd
(25%):	29 cd	(30%):	34 cd
(40%):	46 cd	(50%):	57 cd
(60%):	69 cd	(70%):	80 cd
(80%):	92 cd	(90%):	103 cd

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

IsoLux Plot



Mounting Height: 5.0m Max Lux(100%): 4.6 lx

(10%): 0.5 lx	(20%): 0.9 lx
(25%): 1.1 lx	(30%): 1.4 lx
(40%): 1.8 lx	(50%): 2.3 lx
(60%): 2.7 lx	(70%): 3.2 lx
(80%): 3.7 lx	(90%): 4.1 lx

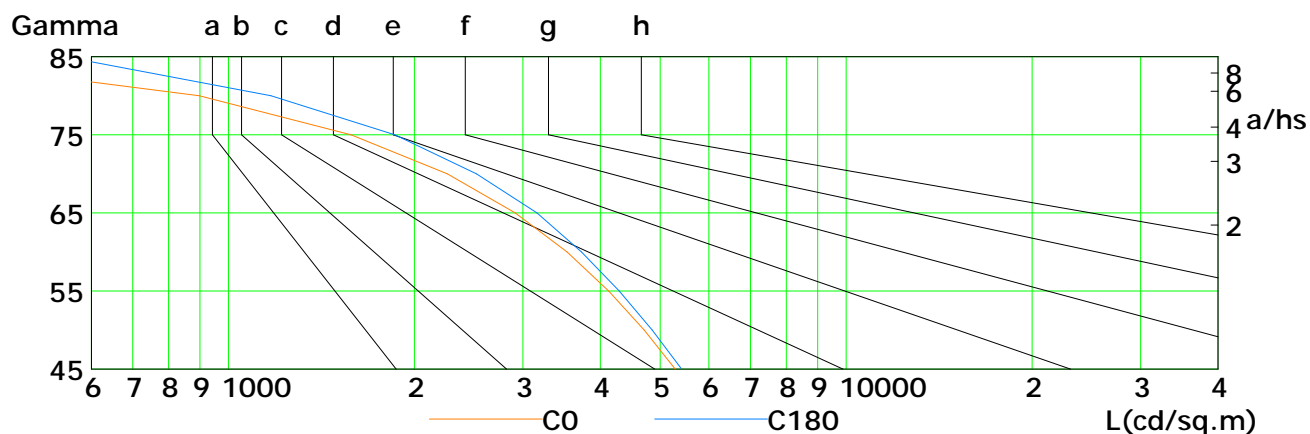
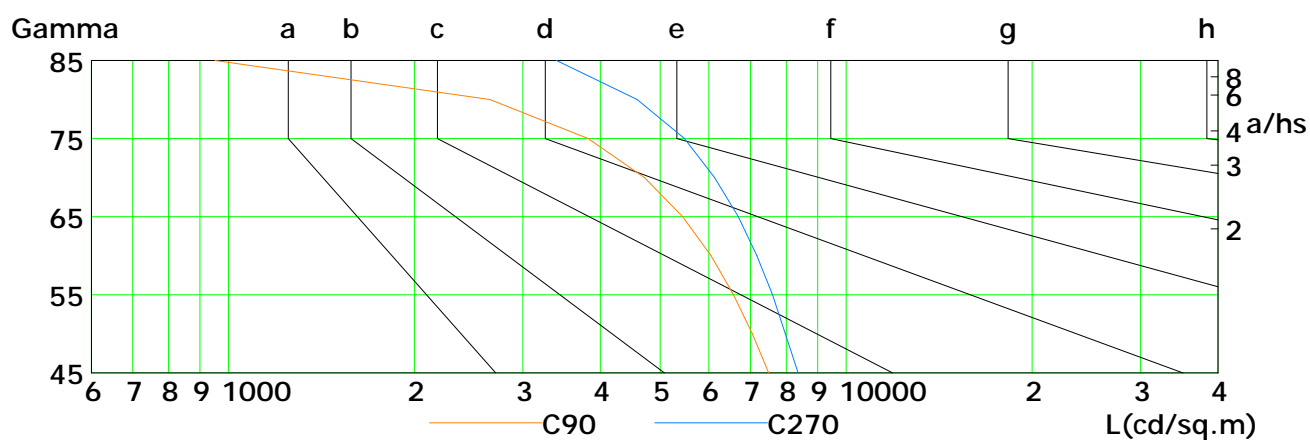
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
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



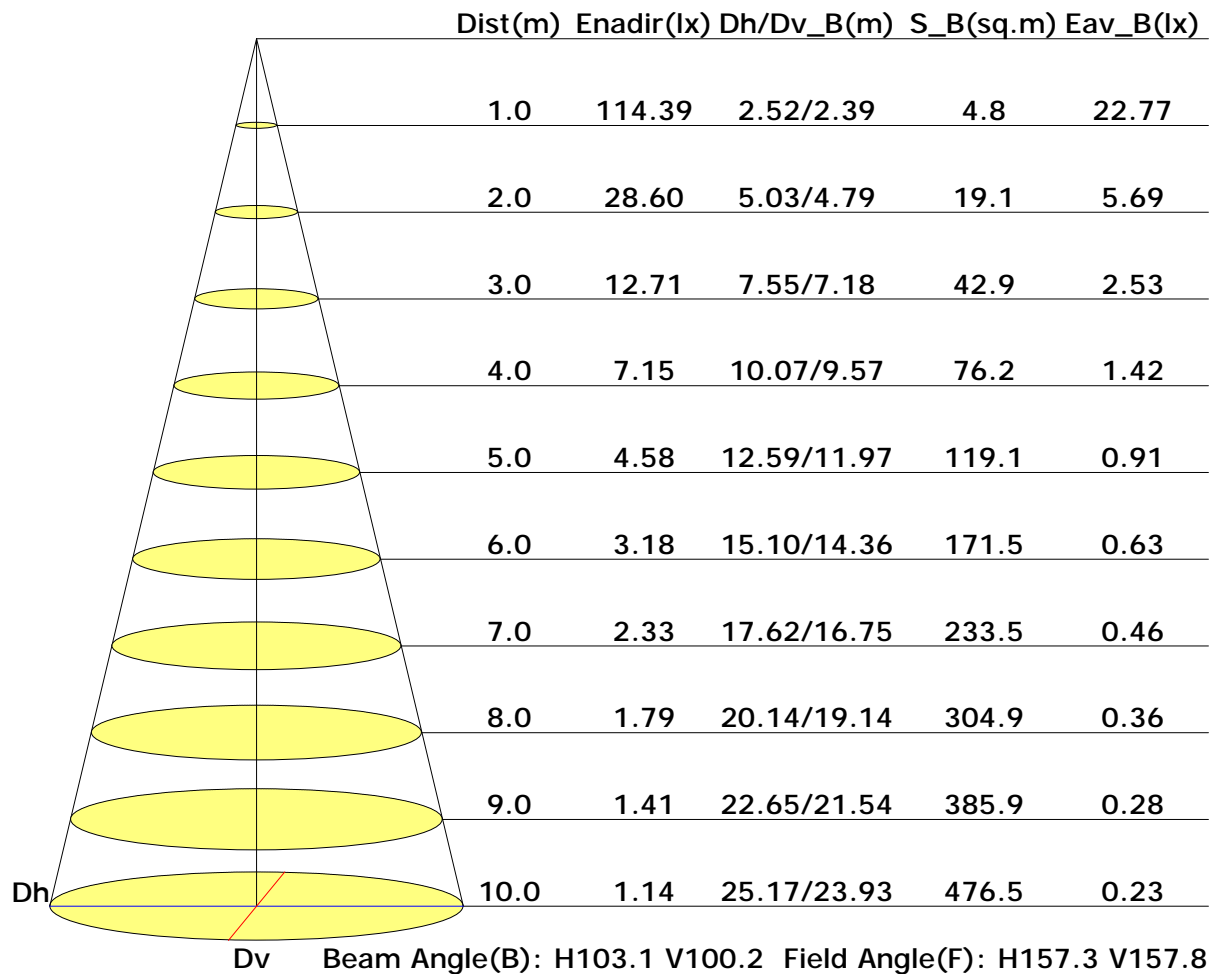
L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	5288	4711	4127	3534	2915	2262	1579	898	290
C90	7498	7053	6576	6047	5437	4720	3826	2652	951
C180	5416	4857	4295	3732	3159	2521	1860	1173	543
C270	8363	7975	7600	7176	6693	6124	5476	4592	3397

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0: 1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:



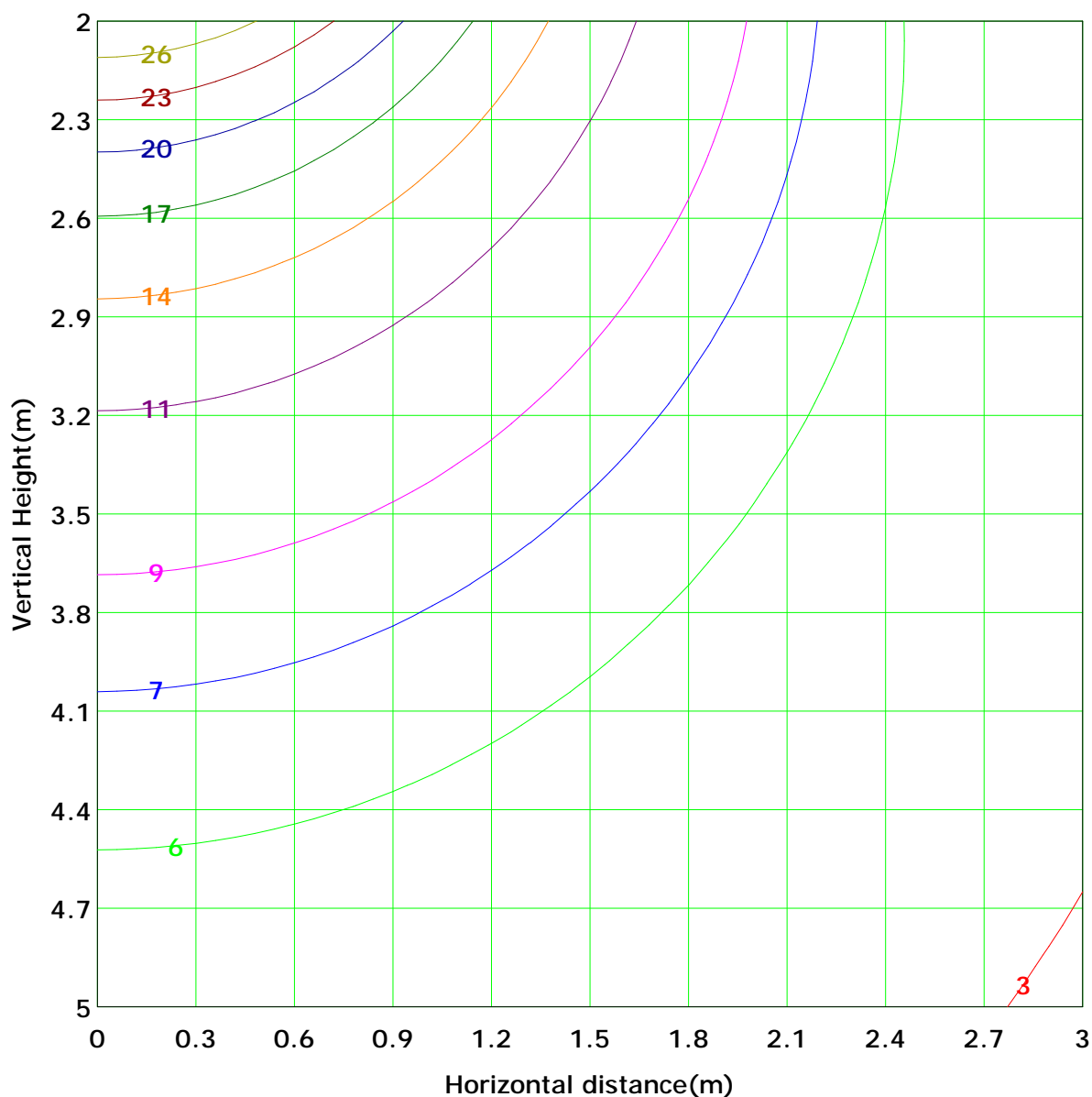
Illuminance at a Distance



C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0: 1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 28.6 lx
(10%): 2.9 lx	(20%): 5.7 lx	(30%): 8.6 lx
(25%): 7.1 lx	(40%): 11.4 lx	(50%): 14.3 lx
(60%): 17.2 lx	(70%): 20.0 lx	(80%): 22.9 lx
(90%): 25.7 lx		

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

Area Flux Table

Unit: lm

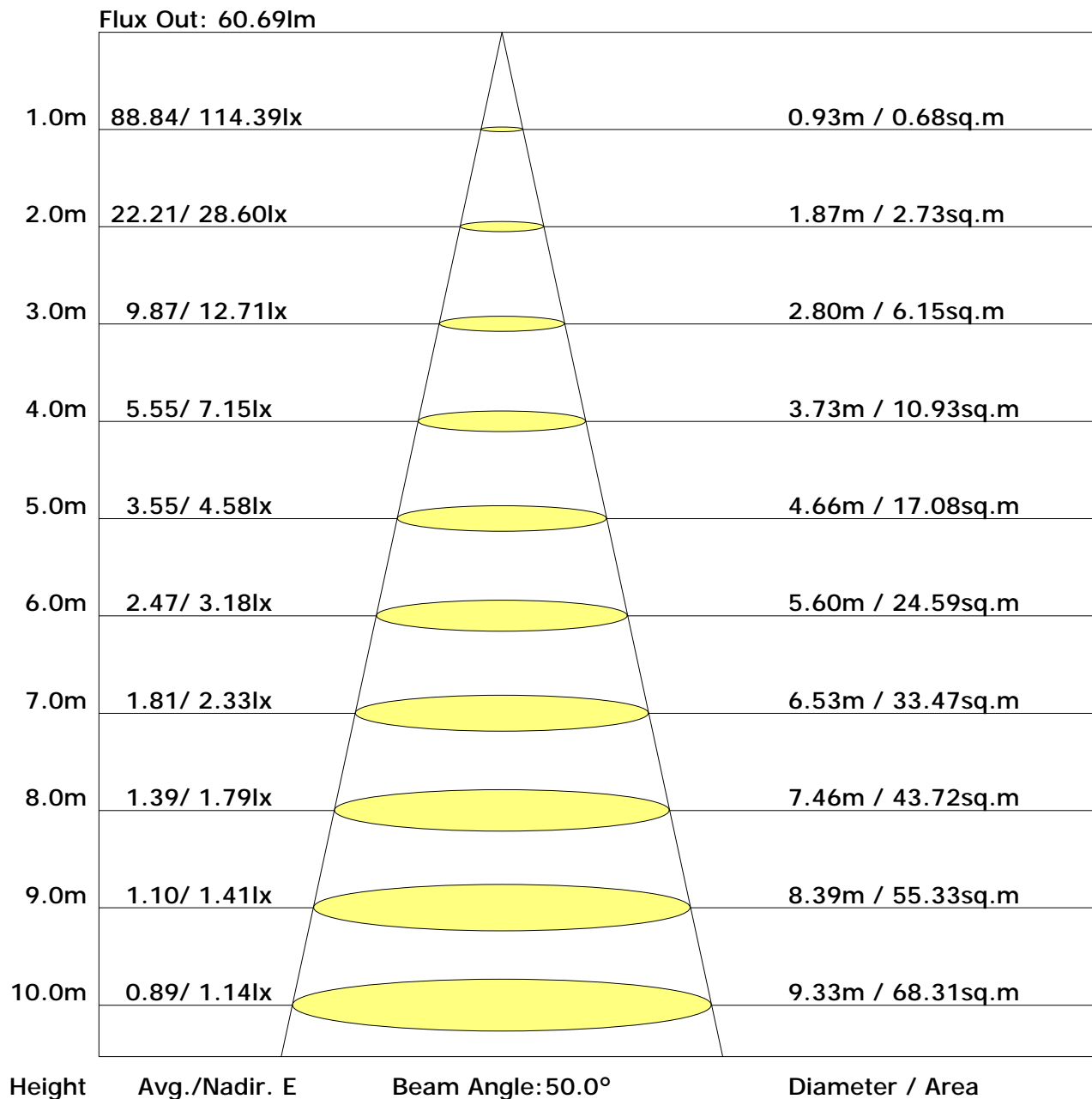
Vertical plane		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
Horizontal plane	-90	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.2	0.0
	-80	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.6	1.1
	-70	0.0	0.1	0.2	0.3	0.5	0.7	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	4.6	4.3
	-60	0.0	0.1	0.2	0.3	0.5	0.7	1.0	1.3	1.6	1.9	2.3	2.7	3.0	3.2	3.4	3.6	3.9	4.2	4.5	9.2	8.8
	-50	0.0	0.1	0.2	0.3	0.5	0.7	1.0	1.3	1.6	1.9	2.3	2.7	3.0	3.2	3.4	3.6	3.9	4.2	4.5	14.8	14.4
	-40	0.0	0.1	0.2	0.3	0.5	0.7	1.0	1.3	1.6	1.9	2.3	2.7	3.0	3.2	3.4	3.6	3.9	4.2	4.5	20.8	20.4
	-30	0.0	0.1	0.2	0.3	0.5	0.7	1.0	1.3	1.6	1.9	2.3	2.7	3.0	3.2	3.4	3.6	3.9	4.2	4.5	26.4	26.0
	-20	0.0	0.1	0.2	0.3	0.5	0.7	1.0	1.3	1.6	1.9	2.3	2.7	3.0	3.2	3.4	3.6	3.9	4.2	4.5	30.7	30.4
	-10	0.0	0.1	0.2	0.3	0.5	0.7	1.0	1.3	1.6	1.9	2.3	2.7	3.0	3.2	3.4	3.6	3.9	4.2	4.5	33.2	32.8
	0	0.0	0.1	0.2	0.3	0.5	0.7	1.0	1.3	1.6	1.9	2.3	2.7	3.0	3.2	3.4	3.6	3.9	4.2	4.5	33.3	33.0
	10	0.0	0.1	0.2	0.3	0.5	0.7	1.0	1.3	1.6	1.9	2.3	2.7	3.0	3.2	3.4	3.6	3.9	4.2	4.5	31.0	30.7
	20	0.0	0.1	0.2	0.3	0.5	0.7	1.0	1.3	1.6	1.9	2.3	2.7	3.0	3.2	3.4	3.6	3.9	4.2	4.5	26.7	26.4
	30	0.0	0.1	0.2	0.3	0.5	0.7	1.0	1.3	1.6	1.9	2.3	2.7	3.0	3.2	3.4	3.6	3.9	4.2	4.5	21.1	20.7
	40	0.0	0.1	0.2	0.3	0.5	0.7	1.0	1.3	1.6	1.9	2.3	2.7	3.0	3.2	3.4	3.6	3.9	4.2	4.5	14.9	14.6
	50	0.0	0.1	0.2	0.3	0.5	0.7	1.0	1.3	1.6	1.9	2.3	2.7	3.0	3.2	3.4	3.6	3.9	4.2	4.5	9.1	8.8
	60	0.0	0.1	0.2	0.3	0.5	0.7	1.0	1.3	1.6	1.9	2.3	2.7	3.0	3.2	3.4	3.6	3.9	4.2	4.5	4.4	4.1
	70	0.0	0.1	0.2	0.3	0.5	0.7	1.0	1.3	1.6	1.9	2.3	2.7	3.0	3.2	3.4	3.6	3.9	4.2	4.5	1.3	0.9
	80	0.0	0.1	0.2	0.3	0.5	0.7	1.0	1.3	1.6	1.9	2.3	2.7	3.0	3.2	3.4	3.6	3.9	4.2	4.5	0.1	0.0
	90	0.0	0.1	0.2	0.3	0.5	0.7	1.0	1.3	1.6	1.9	2.3	2.7	3.0	3.2	3.4	3.6	3.9	4.2	4.5	0.1	0.0
	Flux(T)																				283	
	Flux(E)																					277

C Plane (°): 0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:



The Average Illuminance Effective Figure



C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0: 1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
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	22.3	23.9	22.7	24.3	24.6	20.3	21.8	20.6	22.2	22.5
3H	23.9	25.3	24.3	25.7	26.1	21.5	22.9	21.9	23.2	23.6
4H	24.4	25.8	24.8	26.1	26.5	21.8	23.1	22.2	23.5	23.9
6H	24.7	25.9	25.1	26.3	26.7	22.0	23.2	22.4	23.6	24.0
8H	24.8	25.9	25.2	26.4	26.8	22.0	23.2	22.4	23.6	24.0
12H	24.8	25.9	25.2	26.3	26.8	22.0	23.1	22.4	23.5	23.9
X=4H Y=2H	22.7	24.0	23.1	24.4	24.8	20.8	22.2	21.3	22.6	23.0
3H	24.4	25.6	24.9	26.0	26.4	22.2	23.3	22.6	23.7	24.2
4H	25.0	26.0	25.5	26.5	26.9	22.6	23.6	23.1	24.1	24.5
6H	25.4	26.3	25.9	26.8	27.2	22.8	23.7	23.3	24.2	24.7
8H	25.5	26.3	26.0	26.8	27.3	22.9	23.7	23.3	24.1	24.6
12H	25.5	26.3	26.0	26.8	27.2	22.9	23.6	23.3	24.1	24.6
X=8H Y=4H	25.1	26.0	25.6	26.4	26.9	22.8	23.6	23.3	24.1	24.6
6H	25.6	26.3	26.1	26.8	27.3	23.1	23.8	23.6	24.3	24.8
8H	25.7	26.3	26.2	26.8	27.3	23.1	23.7	23.6	24.3	24.8
12H	25.8	26.3	26.3	26.8	27.4	23.1	23.7	23.6	24.2	24.8
X=12H Y=4H	25.1	25.9	25.6	26.4	26.9	22.8	23.6	23.3	24.1	24.6
6H	25.6	26.2	26.1	26.7	27.2	23.1	23.7	23.6	24.2	24.8
8H	25.7	26.3	26.2	26.8	27.4	23.1	23.7	23.7	24.2	24.8

Calculate in accordance with CIE 190:2010

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0: 1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 1.25								
Room Reflectance			Room Index(RI)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.58	0.69	0.76	0.81	0.88	0.93	0.96	1.01	1.04
	0.30		0.51	0.61	0.69	0.74	0.82	0.88	0.92	0.97	1.00
	0.20		0.45	0.55	0.63	0.69	0.77	0.83	0.87	0.93	0.97
0.50	0.50	0.20	0.57	0.66	0.73	0.78	0.85	0.89	0.93	0.97	0.99
	0.30		0.50	0.60	0.67	0.72	0.80	0.85	0.88	0.93	0.96
	0.20		0.45	0.55	0.62	0.68	0.75	0.81	0.85	0.90	0.94
0.30	0.50	0.20	0.55	0.64	0.71	0.75	0.82	0.86	0.89	0.93	0.95
	0.30		0.49	0.59	0.66	0.71	0.78	0.82	0.86	0.90	0.93
	0.20		0.44	0.54	0.61	0.66	0.74	0.79	0.83	0.88	0.91
0.00	0.00	0.00	0.42	0.52	0.58	0.63	0.70	0.75	0.79	0.83	0.86
Rating: 14W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980											

Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 1.25									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.97	0.80	0.68	0.59	0.47	0.39	0.33	0.26	0.21	
	0.30		0.81	0.68	0.59	0.52	0.43	0.36	0.31	0.24	0.20	
	0.20		0.69	0.60	0.52	0.47	0.39	0.33	0.29	0.23	0.19	
0.50	0.50	0.20	0.93	0.76	0.65	0.56	0.45	0.40	0.32	0.24	0.20	
	0.30		0.79	0.66	0.57	0.50	0.41	0.34	0.30	0.23	0.19	
	0.20		0.68	0.59	0.51	0.46	0.38	0.32	0.28	0.22	0.18	
0.30	0.50	0.20	0.90	0.73	0.62	0.54	0.43	0.35	0.30	0.23	0.19	
	0.30		0.77	0.65	0.56	0.49	0.39	0.33	0.28	0.22	0.18	
	0.20		0.68	0.58	0.50	0.45	0.37	0.31	0.27	0.21	0.18	
0.00	0.00	0.00	0.57	0.48	0.41	0.36	0.29	0.24	0.21	0.16	0.13	
Rating: 14W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 1.25									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.17	0.18	0.19	0.20	0.21	0.21	0.22	0.22	0.23	
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	
	0.20		0.06	0.07	0.09	0.10	0.12	0.14	0.15	0.17	0.18	
0.50	0.50	0.20	0.16	0.18	0.18	0.19	0.20	0.20	0.21	0.21	0.22	
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.17	0.19	0.19	
	0.20		0.06	0.07	0.09	0.10	0.12	0.13	0.15	0.16	0.17	
0.30	0.50	0.20	0.16	0.17	0.18	0.18	0.19	0.20	0.20	0.20	0.21	
	0.30		0.10	0.11	0.13	0.14	0.15	0.16	0.17	0.18	0.19	
	0.20		0.06	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17	
0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
Rating: 14W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	111.8	0.1	0.1	0.04	0.04
1.0-2.0	111.8	0.3	0.4	0.11	0.15
2.0-3.0	111.6	0.5	1.0	0.19	0.34
3.0-4.0	111.5	0.7	1.7	0.26	0.60
4.0-5.0	111.2	1.0	2.7	0.33	0.93
5.0-6.0	110.9	1.2	3.8	0.41	1.34
6.0-7.0	110.6	1.4	5.2	0.48	1.82
7.0-8.0	110.2	1.6	6.8	0.55	2.37
8.0-9.0	109.7	1.8	8.6	0.62	2.99
9.0-10.0	109.2	2.0	10.5	0.69	3.68
10.0-11.0	108.6	2.2	12.7	0.76	4.44
11.0-12.0	107.9	2.4	15.1	0.83	5.27
12.0-13.0	107.3	2.5	17.6	0.89	6.16
13.0-14.0	106.5	2.7	20.3	0.95	7.11
14.0-15.0	105.7	2.9	23.2	1.01	8.12
15.0-16.0	104.9	3.1	26.3	1.07	9.20
16.0-17.0	104.0	3.2	29.6	1.13	10.33
17.0-18.0	103.1	3.4	33.0	1.19	11.52
18.0-19.0	102.1	3.6	36.5	1.24	12.76
19.0-20.0	101.1	3.7	40.2	1.29	14.06
20.0-21.0	100.0	3.8	44.0	1.34	15.40
21.0-22.0	98.9	4.0	48.0	1.39	16.79
22.0-23.0	97.8	4.1	52.1	1.43	18.22
23.0-24.0	96.6	4.2	56.3	1.48	19.70
24.0-25.0	95.4	4.3	60.7	1.52	21.22
25.0-26.0	94.1	4.4	65.1	1.55	22.77
26.0-27.0	92.9	4.5	69.7	1.59	24.36
27.0-28.0	91.6	4.6	74.3	1.62	25.98
28.0-29.0	90.2	4.7	79.0	1.65	27.63
29.0-30.0	88.9	4.8	83.8	1.68	29.31
30.0-31.0	87.5	4.9	88.7	1.70	31.01
31.0-32.0	86.1	4.9	93.6	1.72	32.74
32.0-33.0	84.6	5.0	98.6	1.74	34.48
33.0-34.0	83.2	5.0	103.7	1.76	36.24
34.0-35.0	81.7	5.1	108.7	1.77	38.02
35.0-36.0	80.2	5.1	113.8	1.79	39.80

C Plane (°): 0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator: Jacky

Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-1800B
 Distance: 9.028 m
 Humidity: 60%
 Inspector:

Zonal Lumen (Continue 1)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	78.7	5.1	119.0	1.80	41.60
37.0-38.0	77.2	5.2	124.1	1.80	43.40
38.0-39.0	75.7	5.2	129.3	1.81	45.21
39.0-40.0	74.1	5.2	134.5	1.81	47.01
40.0-41.0	72.6	5.2	139.6	1.81	48.82
41.0-42.0	71.0	5.2	144.8	1.80	50.62
42.0-43.0	69.4	5.1	149.9	1.80	52.42
43.0-44.0	67.8	5.1	155.1	1.79	54.21
44.0-45.0	66.2	5.1	160.2	1.78	55.99
45.0-46.0	64.6	5.1	165.2	1.77	57.76
46.0-47.0	63.0	5.0	170.2	1.75	59.51
47.0-48.0	61.4	5.0	175.2	1.73	61.25
48.0-49.0	59.7	4.9	180.1	1.72	62.96
49.0-50.0	58.1	4.8	184.9	1.69	64.65
50.0-51.0	56.5	4.8	189.7	1.67	66.32
51.0-52.0	54.8	4.7	194.4	1.64	67.97
52.0-53.0	53.2	4.6	199.0	1.62	69.59
53.0-54.0	51.5	4.5	203.6	1.59	71.18
54.0-55.0	49.9	4.5	208.0	1.56	72.73
55.0-56.0	48.2	4.4	212.4	1.52	74.26
56.0-57.0	46.6	4.3	216.7	1.49	75.75
57.0-58.0	44.9	4.2	220.8	1.45	77.20
58.0-59.0	43.3	4.0	224.9	1.42	78.61
59.0-60.0	41.7	3.9	228.8	1.38	79.99
60.0-61.0	40.0	3.8	232.6	1.33	81.33
61.0-62.0	38.4	3.7	236.3	1.29	82.62
62.0-63.0	36.7	3.6	239.9	1.25	83.87
63.0-64.0	35.1	3.4	243.3	1.20	85.07
64.0-65.0	33.4	3.3	246.6	1.16	86.23
65.0-66.0	31.8	3.2	249.8	1.11	87.33
66.0-67.0	30.2	3.0	252.8	1.06	88.40
67.0-68.0	28.5	2.9	255.7	1.01	89.41
68.0-69.0	26.9	2.7	258.5	0.96	90.36
69.0-70.0	25.3	2.6	261.1	0.91	91.27
70.0-71.0	23.7	2.4	263.5	0.86	92.13
71.0-72.0	22.1	2.3	265.8	0.80	92.93

C Plane (°): 0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator: Jacky

Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-1800B
 Distance: 9.028 m
 Humidity: 60%
 Inspector:

Zonal Lumen (Continue 2)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	20.6	2.2	268.0	0.75	93.69
73.0-74.0	19.0	2.0	270.0	0.70	94.38
74.0-75.0	17.5	1.8	271.8	0.65	95.03
75.0-76.0	16.0	1.7	273.5	0.59	95.62
76.0-77.0	14.5	1.5	275.1	0.54	96.17
77.0-78.0	13.1	1.4	276.5	0.49	96.66
78.0-79.0	11.7	1.3	277.7	0.44	97.09
79.0-80.0	10.3	1.1	278.8	0.39	97.48
80.0-81.0	9.0	1.0	279.8	0.34	97.82
81.0-82.0	7.7	0.8	280.6	0.29	98.11
82.0-83.0	6.5	0.7	281.3	0.25	98.36
83.0-84.0	5.3	0.6	281.9	0.20	98.56
84.0-85.0	4.3	0.5	282.4	0.16	98.73
85.0-86.0	3.2	0.4	282.7	0.12	98.85
86.0-87.0	2.3	0.2	283.0	0.09	98.94
87.0-88.0	1.5	0.2	283.2	0.06	99.00
88.0-89.0	1.0	0.1	283.3	0.04	99.03
89.0-90.0	0.6	0.1	283.3	0.02	99.06
90.0-91.0	0.2	0.0	283.4	0.01	99.07
91.0-92.0	0.1	0.0	283.4	0.00	99.07
92.0-93.0	0.1	0.0	283.4	0.00	99.07
93.0-94.0	0.1	0.0	283.4	0.00	99.08
94.0-95.0	0.1	0.0	283.4	0.00	99.08
95.0-96.0	0.1	0.0	283.4	0.00	99.09
96.0-97.0	0.1	0.0	283.4	0.01	99.09
97.0-98.0	0.2	0.0	283.5	0.01	99.10
98.0-99.0	0.2	0.0	283.5	0.01	99.11
99.0-100.0	0.2	0.0	283.5	0.01	99.11
100.0-101.0	0.2	0.0	283.5	0.01	99.12
101.0-102.0	0.2	0.0	283.5	0.01	99.13
102.0-103.0	0.2	0.0	283.6	0.01	99.13
103.0-104.0	0.2	0.0	283.6	0.01	99.14
104.0-105.0	0.2	0.0	283.6	0.01	99.15
105.0-106.0	0.2	0.0	283.6	0.01	99.16
106.0-107.0	0.3	0.0	283.6	0.01	99.17
107.0-108.0	0.3	0.0	283.7	0.01	99.18

C Plane (°): 0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator: Jacky

Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-1800B
 Distance: 9.028 m
 Humidity: 60%
 Inspector:

Zonal Lumen (Continue 3)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	0.3	0.0	283.7	0.01	99.19
109.0-110.0	0.3	0.0	283.7	0.01	99.20
110.0-111.0	0.3	0.0	283.8	0.01	99.20
111.0-112.0	0.3	0.0	283.8	0.01	99.22
112.0-113.0	0.3	0.0	283.8	0.01	99.23
113.0-114.0	0.3	0.0	283.9	0.01	99.24
114.0-115.0	0.3	0.0	283.9	0.01	99.25
115.0-116.0	0.3	0.0	283.9	0.01	99.26
116.0-117.0	0.4	0.0	284.0	0.01	99.27
117.0-118.0	0.4	0.0	284.0	0.01	99.29
118.0-119.0	0.4	0.0	284.0	0.01	99.30
119.0-120.0	0.4	0.0	284.1	0.01	99.31
120.0-121.0	0.4	0.0	284.1	0.01	99.33
121.0-122.0	0.4	0.0	284.1	0.01	99.34
122.0-123.0	0.4	0.0	284.2	0.01	99.35
123.0-124.0	0.4	0.0	284.2	0.01	99.37
124.0-125.0	0.5	0.0	284.3	0.01	99.38
125.0-126.0	0.5	0.0	284.3	0.01	99.40
126.0-127.0	0.5	0.0	284.4	0.01	99.41
127.0-128.0	0.5	0.0	284.4	0.01	99.43
128.0-129.0	0.5	0.0	284.4	0.01	99.44
129.0-130.0	0.5	0.0	284.5	0.02	99.46
130.0-131.0	0.5	0.0	284.5	0.02	99.47
131.0-132.0	0.5	0.0	284.6	0.02	99.49
132.0-133.0	0.5	0.0	284.6	0.02	99.50
133.0-134.0	0.6	0.0	284.7	0.02	99.52
134.0-135.0	0.6	0.0	284.7	0.02	99.53
135.0-136.0	0.6	0.0	284.7	0.02	99.55
136.0-137.0	0.6	0.0	284.8	0.02	99.56
137.0-138.0	0.6	0.0	284.8	0.02	99.58
138.0-139.0	0.6	0.0	284.9	0.02	99.60
139.0-140.0	0.6	0.0	284.9	0.02	99.61
140.0-141.0	0.7	0.0	285.0	0.02	99.63
141.0-142.0	0.7	0.0	285.0	0.02	99.64
142.0-143.0	0.7	0.0	285.1	0.02	99.66
143.0-144.0	0.7	0.0	285.1	0.02	99.67

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

Zonal Lumen (Continue 4)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	0.7	0.0	285.1	0.02	99.69
145.0-146.0	0.7	0.0	285.2	0.01	99.70
146.0-147.0	0.7	0.0	285.2	0.01	99.72
147.0-148.0	0.7	0.0	285.3	0.01	99.73
148.0-149.0	0.7	0.0	285.3	0.01	99.75
149.0-150.0	0.7	0.0	285.3	0.01	99.76
150.0-151.0	0.7	0.0	285.4	0.01	99.78
151.0-152.0	0.7	0.0	285.4	0.01	99.79
152.0-153.0	0.8	0.0	285.5	0.01	99.80
153.0-154.0	0.8	0.0	285.5	0.01	99.81
154.0-155.0	0.8	0.0	285.5	0.01	99.83
155.0-156.0	0.8	0.0	285.6	0.01	99.84
156.0-157.0	0.8	0.0	285.6	0.01	99.85
157.0-158.0	0.8	0.0	285.6	0.01	99.86
158.0-159.0	0.8	0.0	285.7	0.01	99.88
159.0-160.0	0.8	0.0	285.7	0.01	99.89
160.0-161.0	0.8	0.0	285.7	0.01	99.90
161.0-162.0	0.8	0.0	285.8	0.01	99.91
162.0-163.0	0.8	0.0	285.8	0.01	99.92
163.0-164.0	0.8	0.0	285.8	0.01	99.93
164.0-165.0	0.8	0.0	285.8	0.01	99.93
165.0-166.0	0.9	0.0	285.9	0.01	99.94
166.0-167.0	0.9	0.0	285.9	0.01	99.95
167.0-168.0	0.9	0.0	285.9	0.01	99.96
168.0-169.0	0.9	0.0	285.9	0.01	99.96
169.0-170.0	0.9	0.0	285.9	0.01	99.97
170.0-171.0	0.9	0.0	286.0	0.01	99.98
171.0-172.0	0.9	0.0	286.0	0.01	99.98
172.0-173.0	0.9	0.0	286.0	0.00	99.99
173.0-174.0	0.9	0.0	286.0	0.00	99.99
174.0-175.0	0.9	0.0	286.0	0.00	99.99
175.0-176.0	0.9	0.0	286.0	0.00	100.00
176.0-177.0	0.9	0.0	286.0	0.00	100.00
177.0-178.0	0.9	0.0	286.0	0.00	100.00
178.0-179.0	0.9	0.0	286.0	0.00	100.00
179.0-180.0	0.9	0.0	286.0	0.00	100.00

C Plane (°): 0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator: Jacky

Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-1800B
 Distance: 9.028 m
 Humidity: 60%
 Inspector: