

Report No.:

Test Time: 2022/11/25 09:59

Luminaire Property

Luminaire Manufacturer: Acolyte

Luminaire Category: Neon Apex

Luminaire Description: Neon Apex RGBW-Red only

Lamp Catalog: NLA4.5RGB30-Red only

Number of Lamps: 1

Luminous Length (mm): 1000

Luminous Width (mm): 16

Luminous Height (mm): 17

Voltage: 24.0 V

Current: 0.132 A

Power: 3.17 W

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 48.3 lm

Downward Ratio: 98%

Horizontal Diffuse Angle(10%,50%): H165.1,H111.9

Vertical Diffuse Angle(10%,50%): V166.1,V111.9

Luminaire Efficacy Rating (LER): 15

Max. Intensity: 16.52 cd

Total Rated Lamp Lumens: 48.3 lm

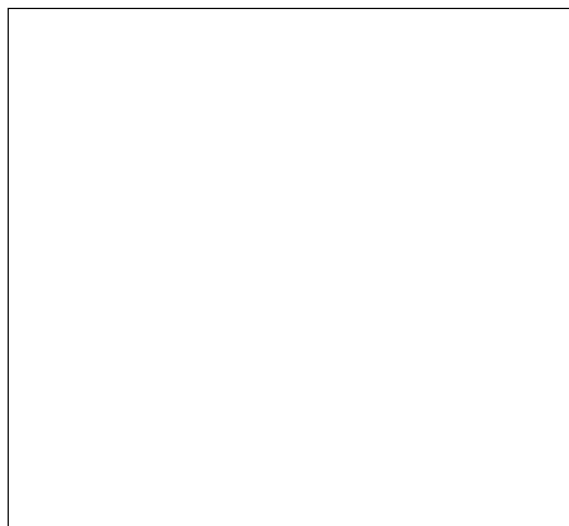
Efficiency: 100%

Upward Ratio: 2%

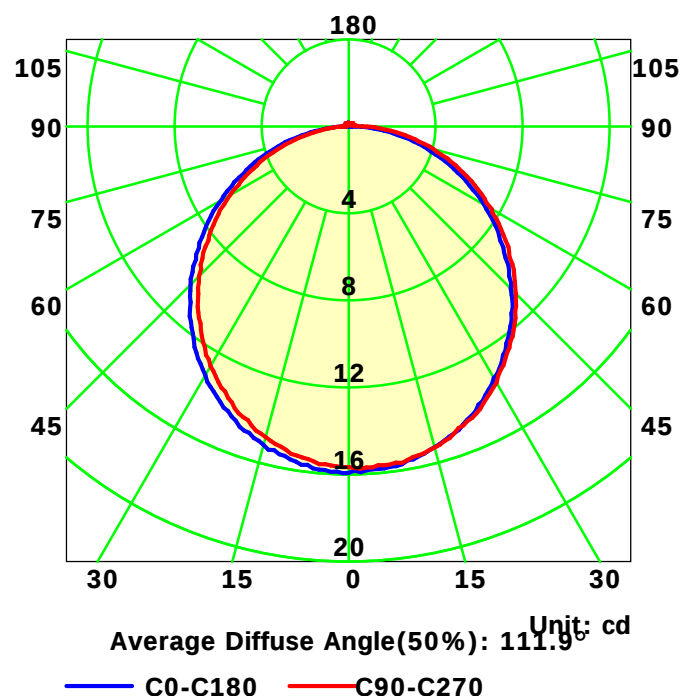
Central Intensity: 16.5 cd

Pos of Max. Intensity: H180 V1

Picture Of Luminaire



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

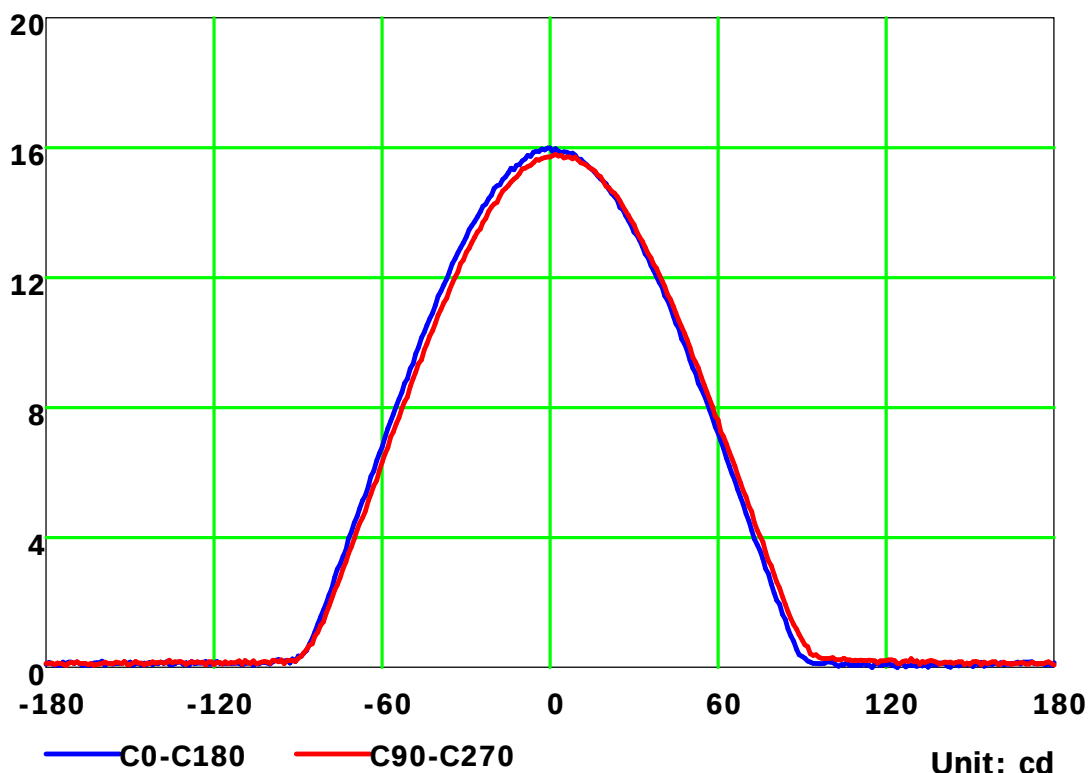
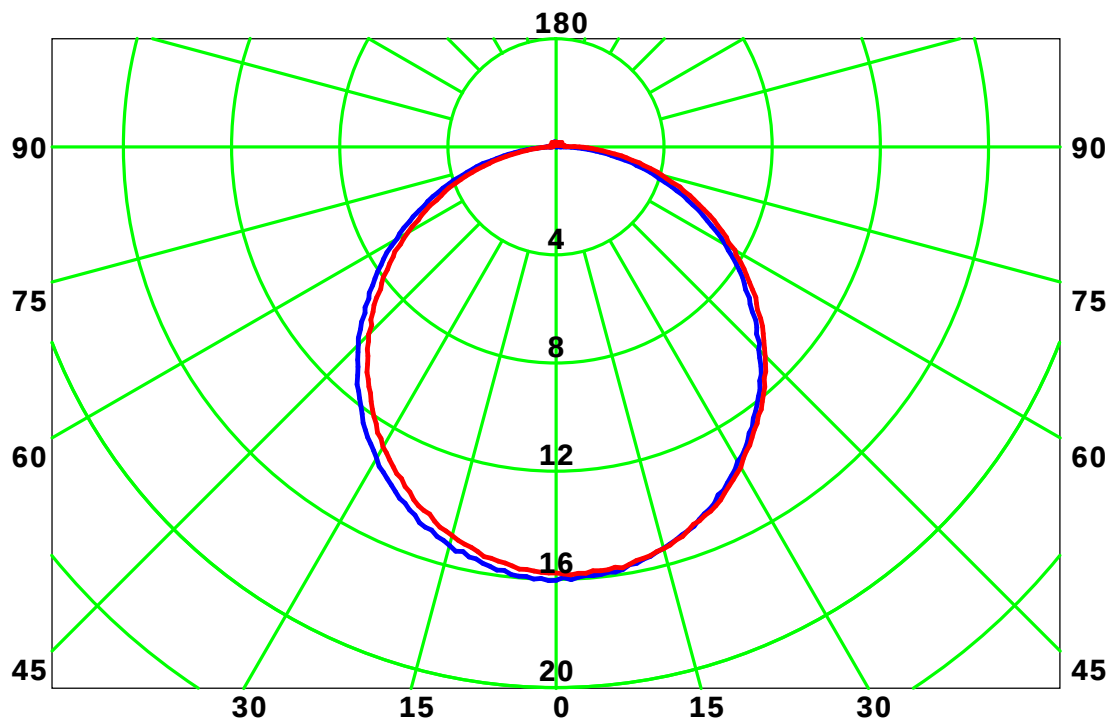
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

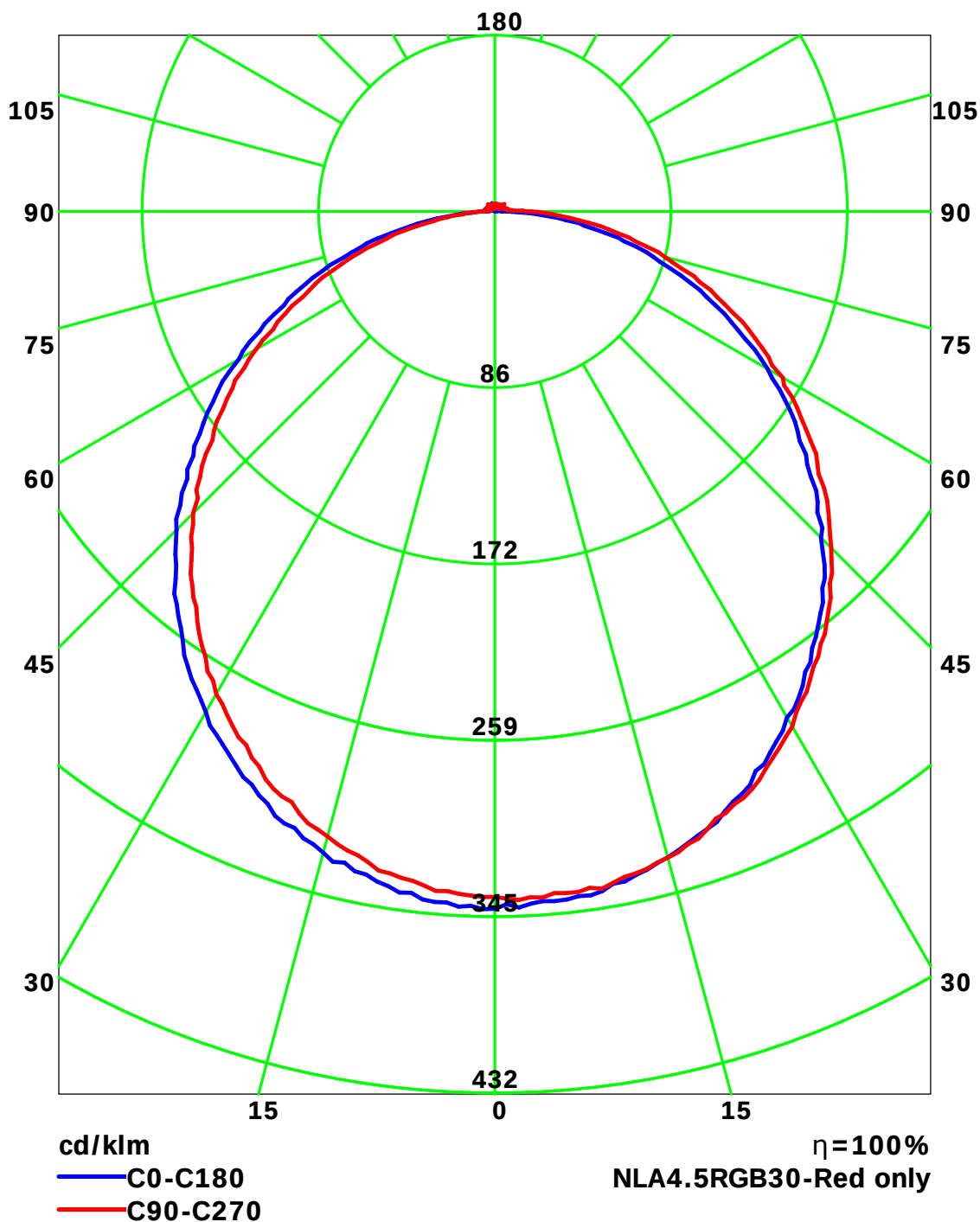
Luminous Intensity Distribution Curve



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:

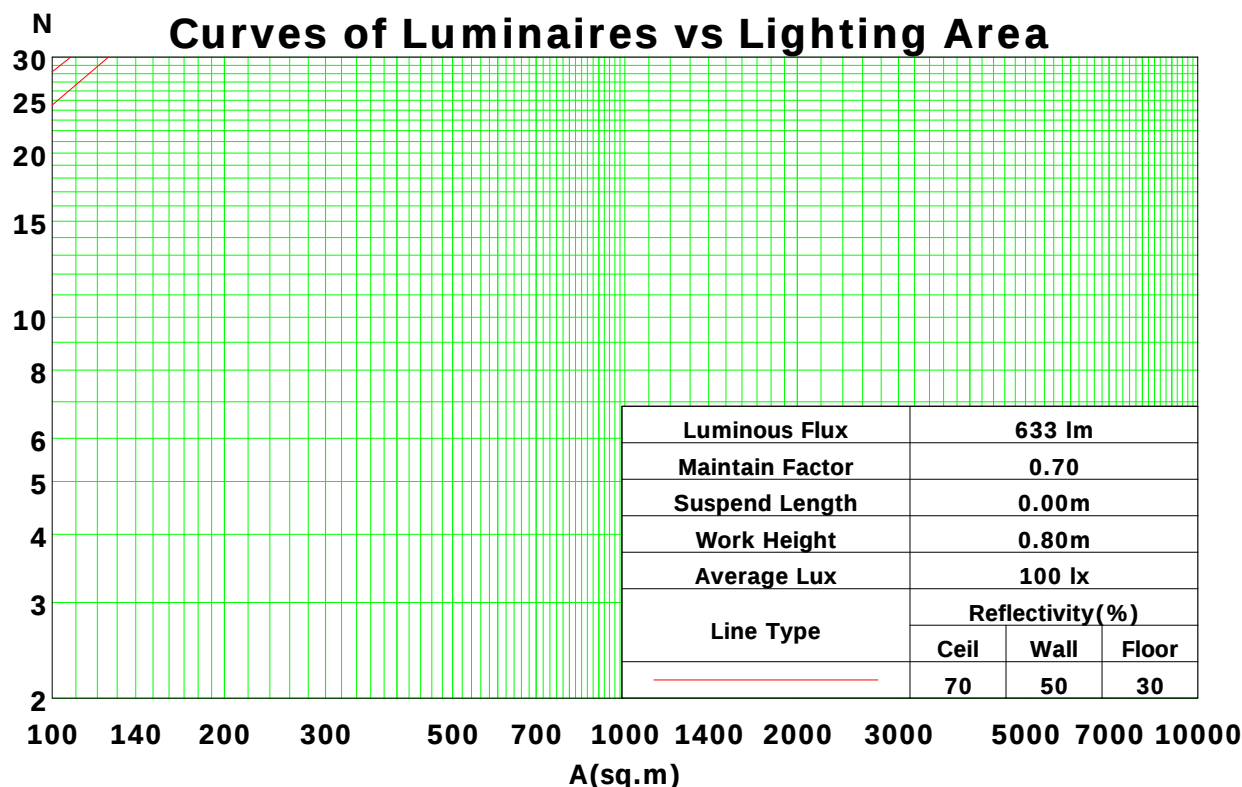
Coefficients Of Utilization - Zonal Cavity Method

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	110	110	110	105	105	105	100	100	100	98
1	108	103	98	94	105	100	96	92	96	92	89	91	88	86	87	85	83	81
2	98	89	82	76	95	87	81	75	83	78	73	80	75	71	76	72	69	67
3	89	78	70	63	86	76	69	62	73	66	61	70	64	60	67	62	58	56
4	81	69	60	53	79	68	59	53	65	58	52	62	56	51	60	54	50	48
5	75	62	53	46	72	60	52	45	58	51	45	56	49	44	54	48	43	41
6	69	56	46	40	67	54	46	40	52	45	39	51	44	39	49	43	38	36
7	64	50	41	35	62	49	41	35	48	40	35	46	39	34	44	38	34	32
8	60	46	37	31	58	45	37	31	44	36	31	42	35	31	41	35	30	28
9	56	42	34	28	54	41	34	28	40	33	28	39	32	28	38	32	27	25
10	52	39	31	26	51	38	31	25	37	30	25	36	30	25	35	29	25	23

Spacing Criteria (0-180): 1.24

Spacing Criteria (90-270): 1.25

Spacing Criteria (Diagonal): 1.35



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

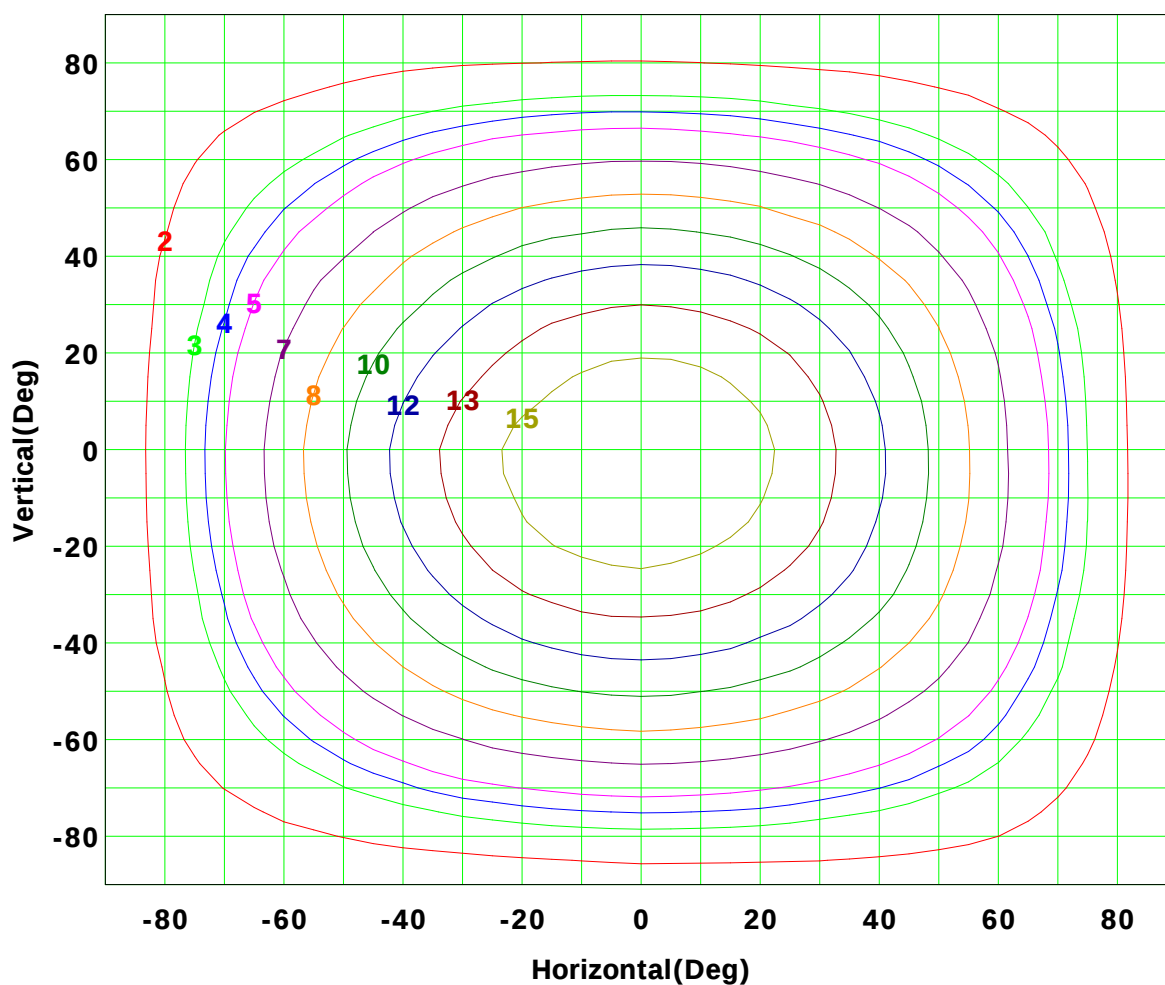
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



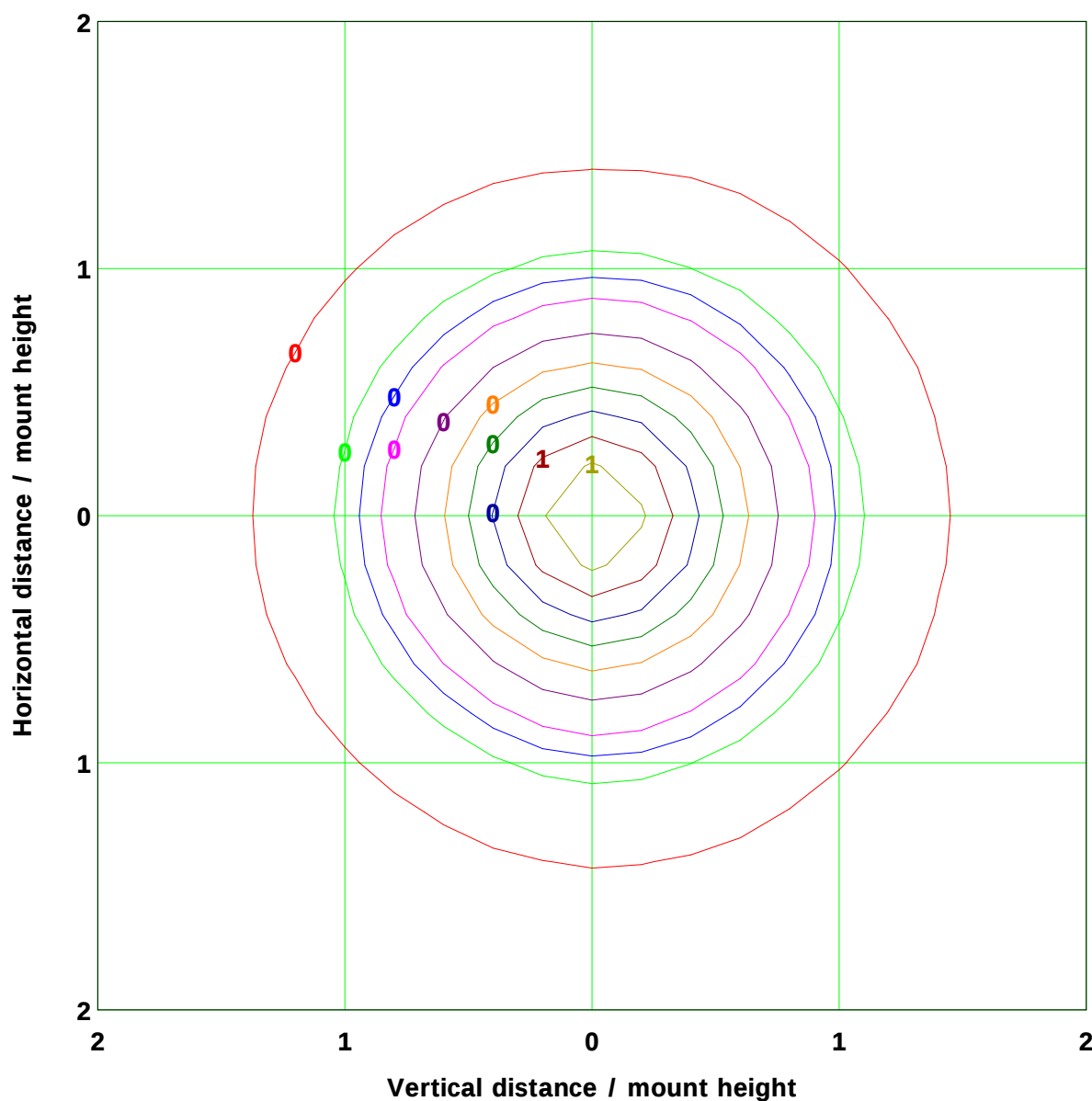
I_{max} (100%): 17 cd

(10%):	2 cd	(20%):	3 cd
(25%):	4 cd	(30%):	5 cd
(40%):	7 cd	(50%):	8 cd
(60%):	10 cd	(70%):	12 cd
(80%):	13 cd	(90%):	15 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%): 0.7 lx

(10%): 0.1 lx	(20%): 0.1 lx
(25%): 0.2 lx	(30%): 0.2 lx
(40%): 0.3 lx	(50%): 0.3 lx
(60%): 0.4 lx	(70%): 0.5 lx
(80%): 0.5 lx	(90%): 0.6 lx

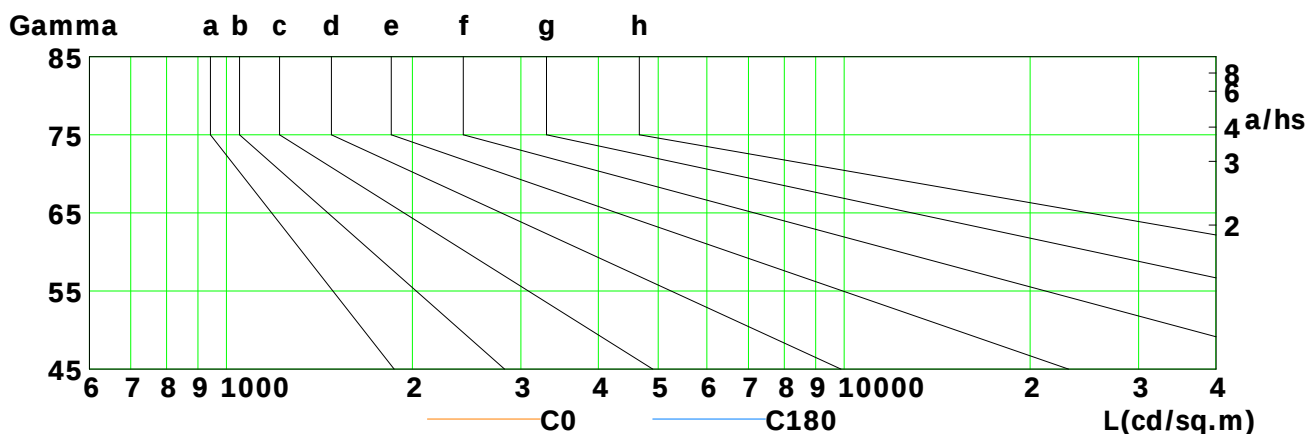
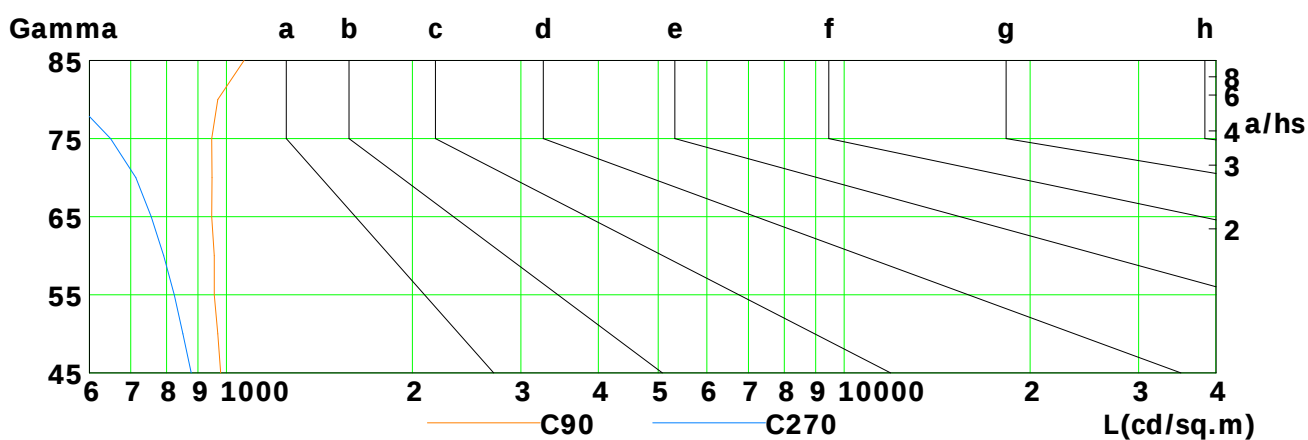
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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

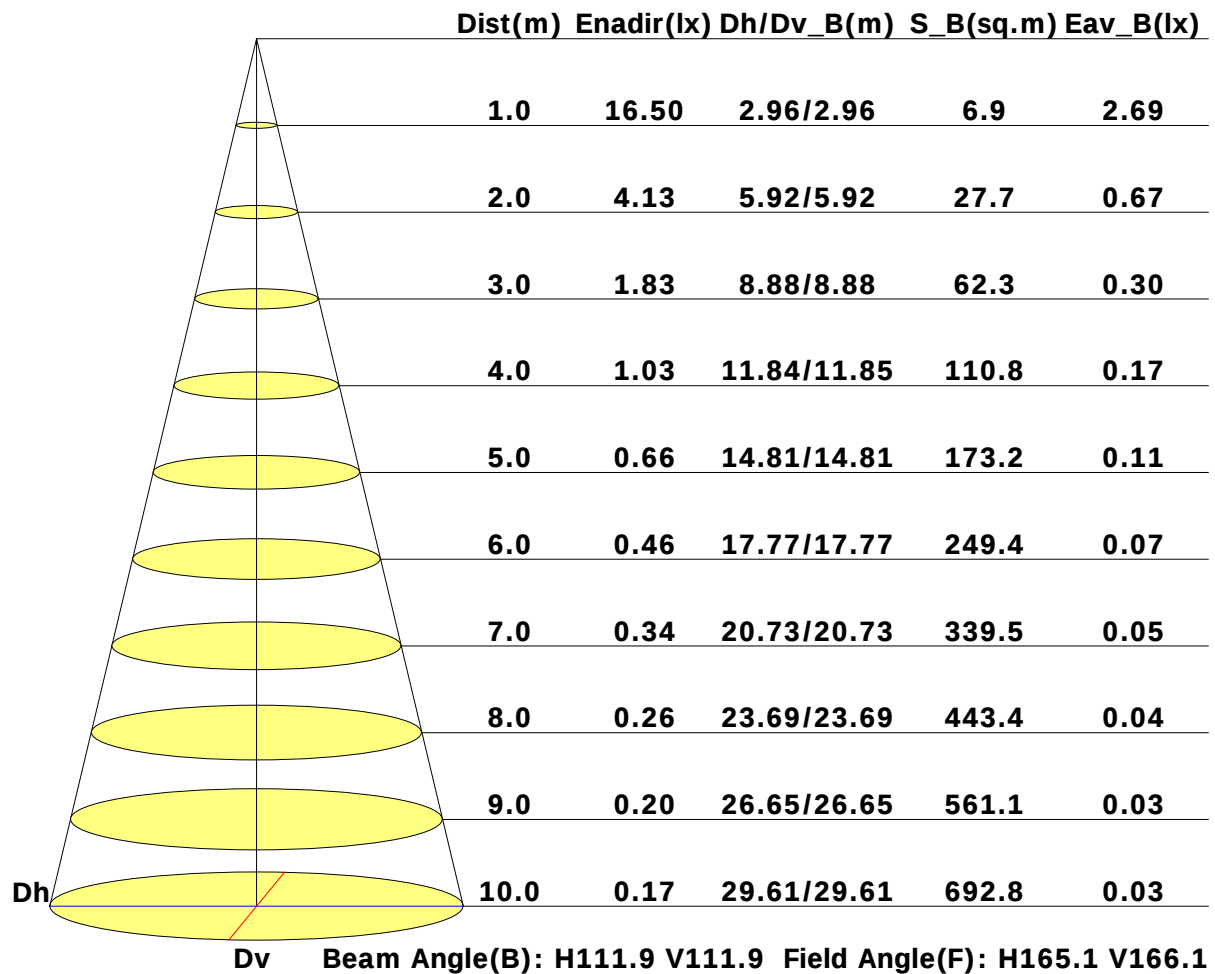


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	468	419	375	328	278	228	181	121	68
C90	979	969	956	956	947	948	947	968	1069
C180	457	408	359	308	260	214	160	104	51
C270	878	851	823	792	756	714	649	565	456

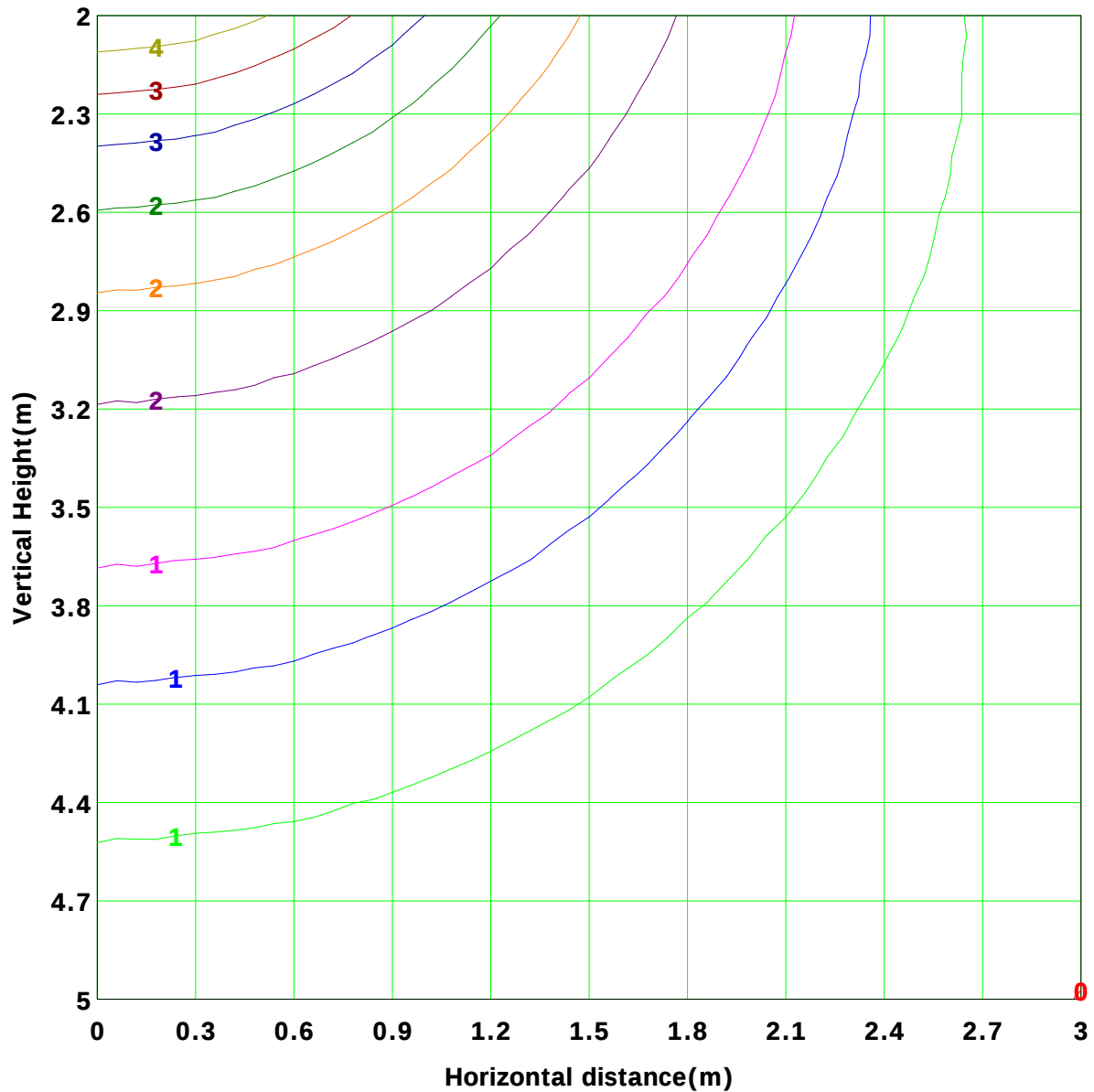
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 4.1 lx
(10%): 0.4 lx	(20%): 0.8 lx	(30%): 1.2 lx
(25%): 1.0 lx	(40%): 1.6 lx	(50%): 2.1 lx
(60%): 2.5 lx	(70%): 2.9 lx	(80%): 3.3 lx
(90%): 3.7 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

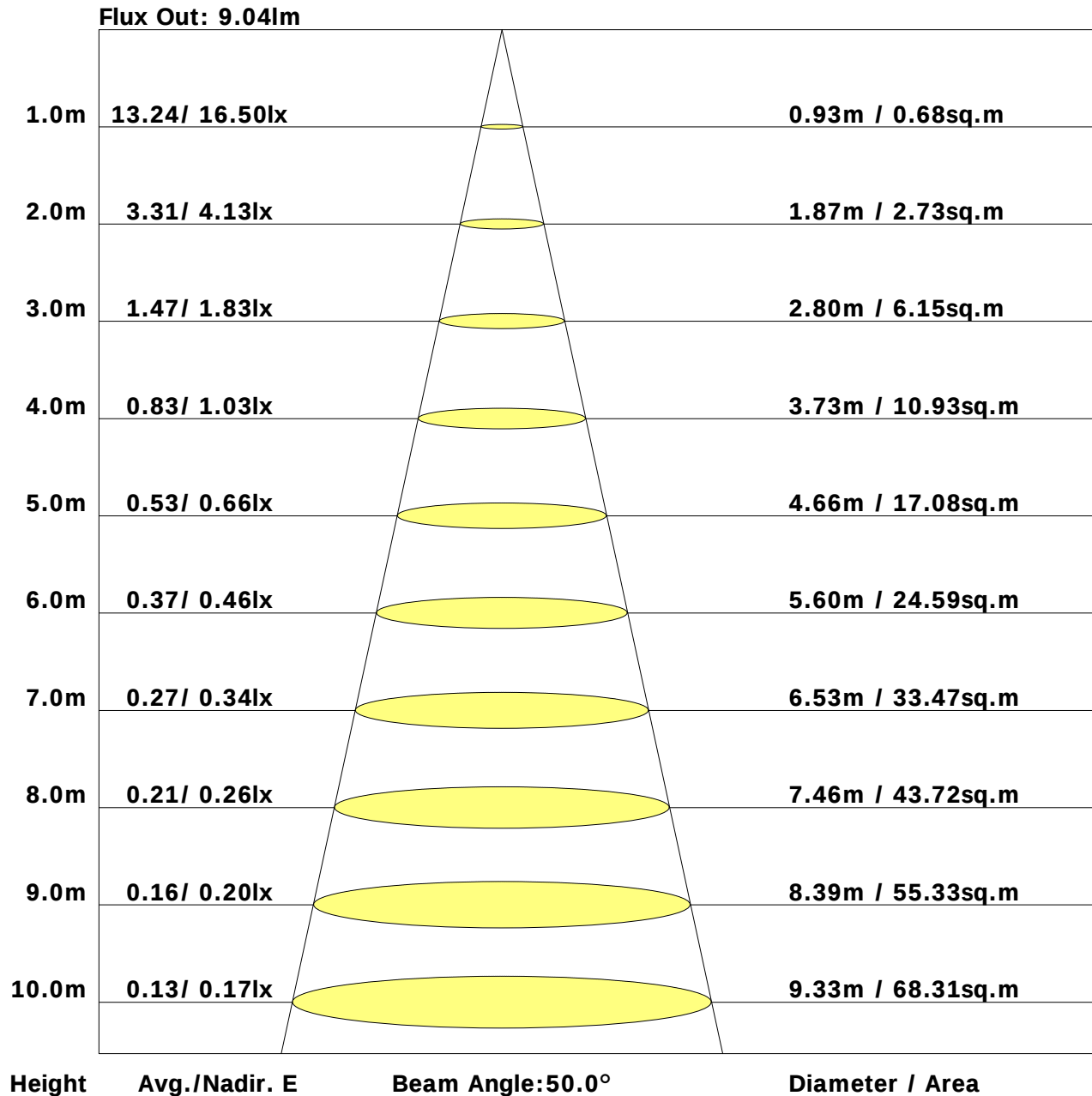
		Vertical plane																				
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
Horizontal plane	-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.3	0.3	0.8	1.6	2.5	3.5	4.3	5.0	5.3	5.3	4.9	4.3	3.4	2.5	1.6	0.8	0.3	0.0	0.1	47
		0.0	0.3	0.3	0.8	1.6	2.5	3.5	4.3	5.0	5.3	5.3	4.9	4.3	3.4	2.5	1.6	0.8	0.3	0.0	0.1	46

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	20.7	22.3	21.1	22.6	23.0	19.4	21.0	19.8	21.3	21.7
3H	22.7	24.1	23.1	24.5	24.9	20.9	22.4	21.4	22.8	23.2
4H	23.5	24.8	23.9	25.2	25.7	21.5	22.9	22.0	23.3	23.7
6H	24.1	25.4	24.6	25.8	26.3	21.9	23.2	22.4	23.6	24.1
8H	24.4	25.6	24.8	26.0	26.5	22.1	23.3	22.5	23.7	24.2
12H	24.6	25.7	25.0	26.2	26.6	22.2	23.3	22.6	23.8	24.2
X=4H Y=2H	21.0	22.4	21.4	22.8	23.2	20.0	21.4	20.5	21.8	22.2
3H	23.1	24.3	23.6	24.7	25.2	21.8	23.0	22.3	23.4	23.9
4H	24.0	25.1	24.5	25.5	26.0	22.5	23.6	23.0	24.0	24.5
6H	24.8	25.7	25.3	26.2	26.7	23.0	24.0	23.5	24.4	25.0
8H	25.1	25.9	25.6	26.4	26.9	23.2	24.1	23.7	24.6	25.1
12H	25.3	26.1	25.8	26.6	27.1	23.4	24.1	23.9	24.7	25.2
X=8H Y=4H	24.2	25.0	24.6	25.5	26.0	22.9	23.7	23.3	24.2	24.7
6H	24.9	25.7	25.5	26.2	26.7	23.5	24.2	24.0	24.7	25.3
8H	25.3	25.9	25.8	26.5	27.0	23.7	24.4	24.3	24.9	25.5
12H	25.6	26.2	26.1	26.7	27.3	23.9	24.5	24.5	25.0	25.7
X=12H Y=4H	24.2	24.9	24.7	25.4	26.0	22.9	23.7	23.4	24.2	24.7
6H	25.0	25.6	25.5	26.1	26.7	23.6	24.2	24.1	24.7	25.3
8H	25.3	25.9	25.9	26.4	27.0	23.9	24.4	24.4	25.0	25.6

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	0.55	0.65	0.73	0.78	0.85	0.90	0.94	0.99	1.02
	0.30		0.47	0.58	0.65	0.71	0.79	0.85	0.89	0.94	0.98
	0.20		0.41	0.52	0.59	0.65	0.74	0.80	0.84	0.90	0.95
0.50	0.50	0.20	0.53	0.63	0.70	0.75	0.82	0.87	0.90	0.94	0.97
	0.30		0.46	0.56	0.63	0.69	0.76	0.82	0.86	0.91	0.94
	0.20		0.41	0.51	0.58	0.64	0.72	0.78	0.82	0.88	0.91
0.30	0.50	0.20	0.52	0.61	0.67	0.72	0.79	0.83	0.86	0.90	0.93
	0.30		0.45	0.55	0.62	0.67	0.74	0.79	0.83	0.87	0.90
	0.20		0.41	0.50	0.57	0.63	0.70	0.75	0.79	0.85	0.88
0.00	0.00	0.00	0.38	0.47	0.54	0.59	0.66	0.71	0.75	0.80	0.83
Rating:3W 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	1.01	0.84	0.72	0.63	0.50	0.42	0.36	0.28	0.23	
	0.30		0.84	0.72	0.62	0.55	0.45	0.38	0.33	0.26	0.22	
	0.20		0.72	0.63	0.55	0.50	0.41	0.36	0.31	0.25	0.21	
0.50	0.50	0.20	0.97	0.80	0.68	0.60	0.48	0.43	0.34	0.27	0.22	
	0.30		0.82	0.70	0.60	0.54	0.44	0.37	0.32	0.25	0.21	
	0.20		0.71	0.61	0.54	0.49	0.40	0.34	0.30	0.24	0.20	
0.30	0.50	0.20	0.94	0.77	0.66	0.57	0.46	0.38	0.33	0.25	0.21	
	0.30		0.80	0.68	0.59	0.52	0.42	0.36	0.31	0.24	0.20	
	0.20		0.70	0.60	0.53	0.47	0.39	0.33	0.29	0.23	0.19	
0.00	0.00	0.00	0.60	0.51	0.44	0.39	0.32	0.27	0.23	0.18	0.15	
Rating:3W 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	0.18	0.20	0.21	0.21	0.22	0.23	0.23	0.24	0.24
	0.30		0.12	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21
	0.20		0.07	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.19
0.50	0.50	0.20	0.18	0.19	0.20	0.20	0.21	0.22	0.22	0.23	0.23
	0.30		0.11	0.13	0.14	0.15	0.17	0.18	0.18	0.20	0.20
	0.20		0.07	0.08	0.10	0.11	0.13	0.14	0.15	0.17	0.18
0.30	0.50	0.20	0.17	0.18	0.19	0.20	0.20	0.21	0.21	0.22	0.22
	0.30		0.11	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20
	0.20		0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.16	0.18
0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Rating:3W 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	16.3	0.0	0.0	0.03	0.03
1.0-2.0	16.3	0.0	0.1	0.10	0.13
2.0-3.0	16.3	0.1	0.1	0.16	0.29
3.0-4.0	16.3	0.1	0.2	0.23	0.52
4.0-5.0	16.2	0.1	0.4	0.29	0.81
5.0-6.0	16.2	0.2	0.6	0.35	1.16
6.0-7.0	16.2	0.2	0.8	0.42	1.57
7.0-8.0	16.1	0.2	1.0	0.48	2.05
8.0-9.0	16.1	0.3	1.3	0.54	2.59
9.0-10.0	16.0	0.3	1.5	0.60	3.19
10.0-11.0	16.0	0.3	1.9	0.66	3.85
11.0-12.0	15.9	0.3	2.2	0.72	4.57
12.0-13.0	15.8	0.4	2.6	0.78	5.35
13.0-14.0	15.7	0.4	3.0	0.84	6.19
14.0-15.0	15.7	0.4	3.4	0.89	7.08
15.0-16.0	15.6	0.5	3.9	0.94	8.02
16.0-17.0	15.5	0.5	4.4	1.00	9.02
17.0-18.0	15.4	0.5	4.9	1.05	10.07
18.0-19.0	15.3	0.5	5.4	1.10	11.17
19.0-20.0	15.1	0.6	5.9	1.15	12.32
20.0-21.0	15.0	0.6	6.5	1.20	13.52
21.0-22.0	14.9	0.6	7.1	1.24	14.76
22.0-23.0	14.8	0.6	7.7	1.28	16.04
23.0-24.0	14.6	0.6	8.4	1.33	17.37
24.0-25.0	14.5	0.7	9.0	1.37	18.73
25.0-26.0	14.4	0.7	9.7	1.40	20.14
26.0-27.0	14.2	0.7	10.4	1.44	21.58
27.0-28.0	14.1	0.7	11.1	1.47	23.05
28.0-29.0	13.9	0.7	11.9	1.51	24.56
29.0-30.0	13.7	0.7	12.6	1.54	26.10
30.0-31.0	13.6	0.8	13.4	1.56	27.66
31.0-32.0	13.4	0.8	14.1	1.59	29.25
32.0-33.0	13.2	0.8	14.9	1.61	30.86
33.0-34.0	13.0	0.8	15.7	1.63	32.50
34.0-35.0	12.8	0.8	16.5	1.65	34.15
35.0-36.0	12.7	0.8	17.3	1.67	35.82

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	12.5	0.8	18.1	1.68	37.50
37.0-38.0	12.3	0.8	18.9	1.70	39.20
38.0-39.0	12.1	0.8	19.7	1.71	40.91
39.0-40.0	11.9	0.8	20.6	1.72	42.62
40.0-41.0	11.7	0.8	21.4	1.72	44.35
41.0-42.0	11.4	0.8	22.2	1.72	46.07
42.0-43.0	11.2	0.8	23.1	1.72	47.79
43.0-44.0	11.0	0.8	23.9	1.72	49.52
44.0-45.0	10.8	0.8	24.7	1.72	51.24
45.0-46.0	10.6	0.8	25.6	1.72	52.95
46.0-47.0	10.4	0.8	26.4	1.71	54.66
47.0-48.0	10.1	0.8	27.2	1.70	56.36
48.0-49.0	9.9	0.8	28.0	1.68	58.04
49.0-50.0	9.7	0.8	28.8	1.67	59.71
50.0-51.0	9.4	0.8	29.6	1.65	61.36
51.0-52.0	9.2	0.8	30.4	1.63	63.00
52.0-53.0	9.0	0.8	31.2	1.62	64.62
53.0-54.0	8.7	0.8	32.0	1.59	66.21
54.0-55.0	8.5	0.8	32.7	1.57	67.78
55.0-56.0	8.3	0.7	33.5	1.55	69.33
56.0-57.0	8.0	0.7	34.2	1.52	70.84
57.0-58.0	7.8	0.7	34.9	1.49	72.33
58.0-59.0	7.5	0.7	35.6	1.46	73.79
59.0-60.0	7.3	0.7	36.3	1.43	75.22
60.0-61.0	7.0	0.7	37.0	1.39	76.61
61.0-62.0	6.8	0.7	37.6	1.36	77.97
62.0-63.0	6.6	0.6	38.3	1.32	79.29
63.0-64.0	6.3	0.6	38.9	1.28	80.57
64.0-65.0	6.1	0.6	39.5	1.24	81.81
65.0-66.0	5.8	0.6	40.1	1.20	83.01
66.0-67.0	5.6	0.6	40.6	1.16	84.17
67.0-68.0	5.3	0.5	41.2	1.12	85.29
68.0-69.0	5.1	0.5	41.7	1.07	86.37
69.0-70.0	4.8	0.5	42.2	1.03	87.40
70.0-71.0	4.6	0.5	42.7	0.98	88.38
71.0-72.0	4.3	0.5	43.1	0.93	89.31

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	4.1	0.4	43.5	0.89	90.20
73.0-74.0	3.9	0.4	43.9	0.84	91.04
74.0-75.0	3.6	0.4	44.3	0.79	91.83
75.0-76.0	3.4	0.4	44.7	0.74	92.57
76.0-77.0	3.1	0.3	45.0	0.69	93.27
77.0-78.0	2.9	0.3	45.3	0.64	93.91
78.0-79.0	2.6	0.3	45.6	0.59	94.50
79.0-80.0	2.4	0.3	45.9	0.53	95.03
80.0-81.0	2.1	0.2	46.1	0.48	95.51
81.0-82.0	1.9	0.2	46.3	0.43	95.94
82.0-83.0	1.7	0.2	46.5	0.39	96.33
83.0-84.0	1.5	0.2	46.7	0.34	96.67
84.0-85.0	1.3	0.1	46.8	0.29	96.95
85.0-86.0	1.1	0.1	46.9	0.24	97.19
86.0-87.0	0.9	0.1	47.0	0.20	97.40
87.0-88.0	0.7	0.1	47.1	0.17	97.57
88.0-89.0	0.6	0.1	47.2	0.14	97.70
89.0-90.0	0.5	0.1	47.2	0.11	97.81
90.0-91.0	0.4	0.0	47.3	0.09	97.91
91.0-92.0	0.3	0.0	47.3	0.08	97.99
92.0-93.0	0.3	0.0	47.3	0.07	98.05
93.0-94.0	0.3	0.0	47.4	0.06	98.11
94.0-95.0	0.2	0.0	47.4	0.06	98.17
95.0-96.0	0.2	0.0	47.4	0.05	98.21
96.0-97.0	0.2	0.0	47.4	0.05	98.26
97.0-98.0	0.2	0.0	47.4	0.05	98.31
98.0-99.0	0.2	0.0	47.5	0.05	98.35
99.0-100.0	0.2	0.0	47.5	0.04	98.40
100.0-101.0	0.2	0.0	47.5	0.04	98.44
101.0-102.0	0.2	0.0	47.5	0.04	98.48
102.0-103.0	0.2	0.0	47.5	0.04	98.51
103.0-104.0	0.2	0.0	47.6	0.04	98.55
104.0-105.0	0.2	0.0	47.6	0.04	98.58
105.0-106.0	0.2	0.0	47.6	0.04	98.62
106.0-107.0	0.2	0.0	47.6	0.04	98.66
107.0-108.0	0.2	0.0	47.6	0.03	98.69

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	0.2	0.0	47.6	0.03	98.72
109.0-110.0	0.2	0.0	47.7	0.03	98.76
110.0-111.0	0.2	0.0	47.7	0.03	98.79
111.0-112.0	0.2	0.0	47.7	0.03	98.83
112.0-113.0	0.2	0.0	47.7	0.03	98.86
113.0-114.0	0.2	0.0	47.7	0.03	98.89
114.0-115.0	0.1	0.0	47.7	0.03	98.92
115.0-116.0	0.1	0.0	47.8	0.03	98.95
116.0-117.0	0.2	0.0	47.8	0.03	98.98
117.0-118.0	0.2	0.0	47.8	0.03	99.01
118.0-119.0	0.1	0.0	47.8	0.03	99.04
119.0-120.0	0.1	0.0	47.8	0.03	99.07
120.0-121.0	0.1	0.0	47.8	0.03	99.10
121.0-122.0	0.1	0.0	47.8	0.03	99.13
122.0-123.0	0.1	0.0	47.9	0.03	99.16
123.0-124.0	0.1	0.0	47.9	0.03	99.18
124.0-125.0	0.1	0.0	47.9	0.03	99.21
125.0-126.0	0.2	0.0	47.9	0.03	99.24
126.0-127.0	0.1	0.0	47.9	0.03	99.26
127.0-128.0	0.2	0.0	47.9	0.03	99.29
128.0-129.0	0.2	0.0	47.9	0.03	99.32
129.0-130.0	0.1	0.0	47.9	0.03	99.35
130.0-131.0	0.1	0.0	48.0	0.02	99.37
131.0-132.0	0.1	0.0	48.0	0.02	99.39
132.0-133.0	0.1	0.0	48.0	0.02	99.42
133.0-134.0	0.1	0.0	48.0	0.02	99.44
134.0-135.0	0.1	0.0	48.0	0.02	99.46
135.0-136.0	0.2	0.0	48.0	0.02	99.49
136.0-137.0	0.2	0.0	48.0	0.02	99.51
137.0-138.0	0.1	0.0	48.0	0.02	99.53
138.0-139.0	0.1	0.0	48.0	0.02	99.55
139.0-140.0	0.1	0.0	48.1	0.02	99.57
140.0-141.0	0.1	0.0	48.1	0.02	99.59
141.0-142.0	0.1	0.0	48.1	0.02	99.61
142.0-143.0	0.1	0.0	48.1	0.02	99.63
143.0-144.0	0.1	0.0	48.1	0.02	99.65

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	0.1	0.0	48.1	0.02	99.67
145.0-146.0	0.1	0.0	48.1	0.02	99.69
146.0-147.0	0.1	0.0	48.1	0.02	99.71
147.0-148.0	0.1	0.0	48.1	0.02	99.73
148.0-149.0	0.1	0.0	48.1	0.02	99.74
149.0-150.0	0.1	0.0	48.1	0.01	99.76
150.0-151.0	0.1	0.0	48.2	0.02	99.77
151.0-152.0	0.1	0.0	48.2	0.02	99.79
152.0-153.0	0.2	0.0	48.2	0.02	99.80
153.0-154.0	0.1	0.0	48.2	0.01	99.82
154.0-155.0	0.1	0.0	48.2	0.01	99.83
155.0-156.0	0.1	0.0	48.2	0.01	99.85
156.0-157.0	0.1	0.0	48.2	0.01	99.86
157.0-158.0	0.1	0.0	48.2	0.01	99.87
158.0-159.0	0.1	0.0	48.2	0.01	99.88
159.0-160.0	0.1	0.0	48.2	0.01	99.89
160.0-161.0	0.1	0.0	48.2	0.01	99.90
161.0-162.0	0.1	0.0	48.2	0.01	99.91
162.0-163.0	0.1	0.0	48.2	0.01	99.92
163.0-164.0	0.1	0.0	48.2	0.01	99.93
164.0-165.0	0.1	0.0	48.2	0.01	99.94
165.0-166.0	0.1	0.0	48.2	0.01	99.95
166.0-167.0	0.1	0.0	48.2	0.01	99.95
167.0-168.0	0.1	0.0	48.2	0.01	99.96
168.0-169.0	0.1	0.0	48.2	0.01	99.97
169.0-170.0	0.1	0.0	48.3	0.01	99.97
170.0-171.0	0.1	0.0	48.3	0.01	99.98
171.0-172.0	0.1	0.0	48.3	0.00	99.98
172.0-173.0	0.1	0.0	48.3	0.00	99.99
173.0-174.0	0.1	0.0	48.3	0.00	99.99
174.0-175.0	0.1	0.0	48.3	0.00	99.99
175.0-176.0	0.1	0.0	48.3	0.00	100.00
176.0-177.0	0.1	0.0	48.3	0.00	100.00
177.0-178.0	0.1	0.0	48.3	0.00	100.00
178.0-179.0	0.1	0.0	48.3	0.00	100.00
179.0-180.0	0.1	0.0	48.3	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: