

Report No.:

Test Time: 2023/10/8 14:29

Luminaire Property

Luminaire Manufacturer: Acolyte

Luminaire Category: HEXANODE RGB2700K-2W-UCS8904- Red only

Luminaire Description: MILKY DOME IP67

Lamp Catalog: NODE

Lamp Description: 3 nodes RED

Luminous Length (mm): 250

Luminous Width (mm): 60

Luminous Height (mm): 75

Voltage: 24.0 V

Current: 0.081 A

Power: 1.95 W

Power Factor: 1.000

Photometric Results

CIE Class: Semi-Direct

Measurement Flux: 30.5 lm

Downward Ratio: 70%

Horizontal Diffuse Angle(10%,50%): H187.5,H152.9

Vertical Diffuse Angle(10%,50%): V337.5,V224.8

Luminaire Efficacy Rating (LER): 16

Max. Intensity: 4.16 cd

Total Rated Lamp Lumens: 30.5 lm

Efficiency: 100%

Upward Ratio: 30%

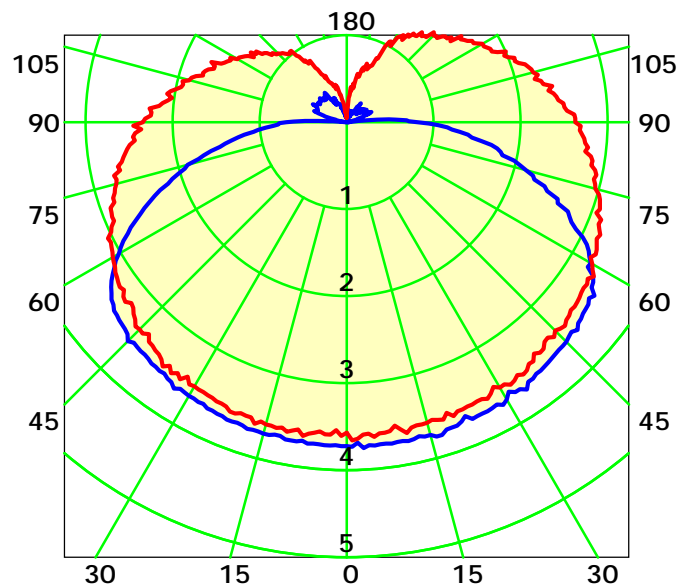
Central Intensity: 4.11 cd

Pos of Max. Intensity: H0 V16

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 188.8° 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

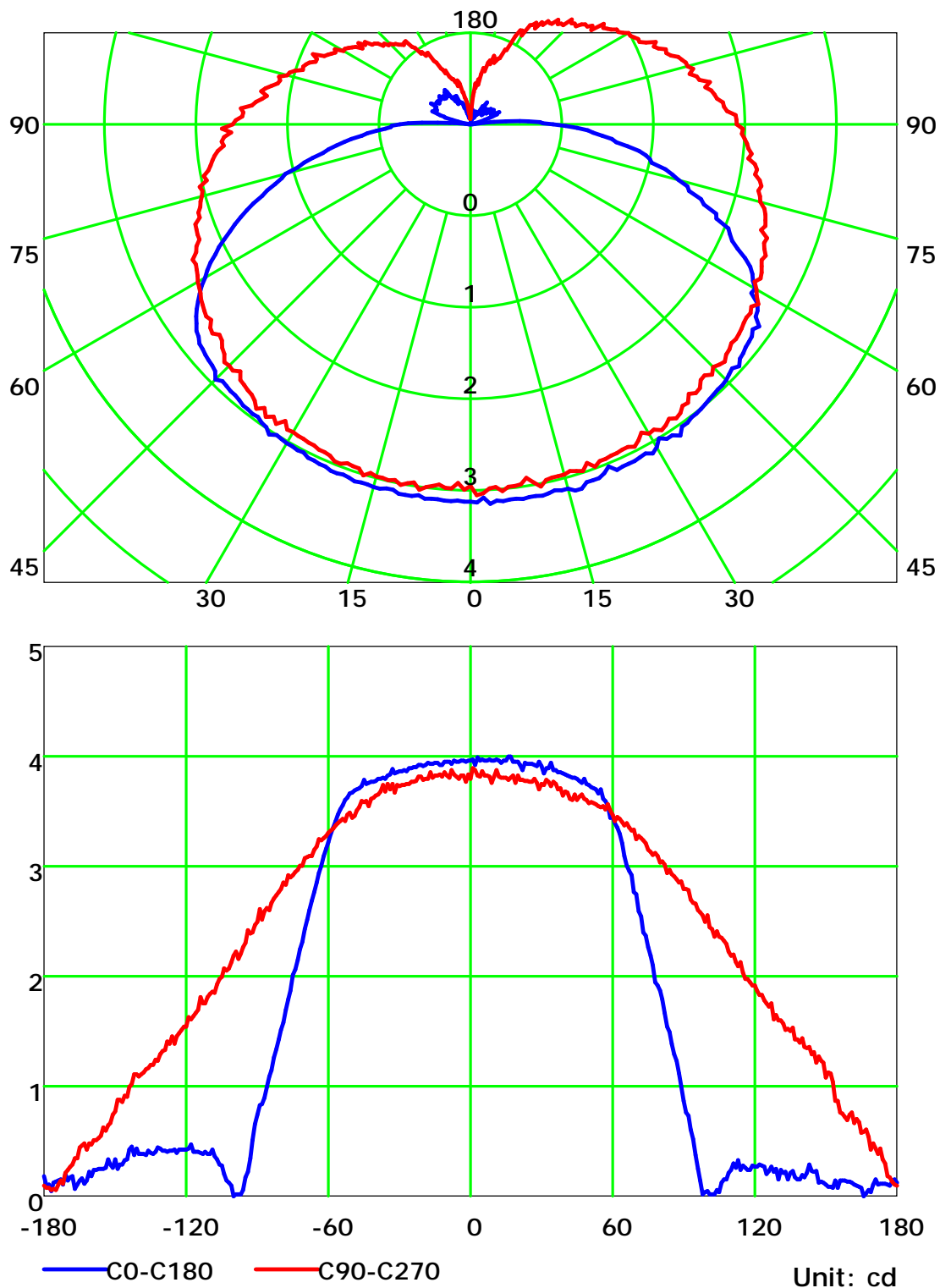
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

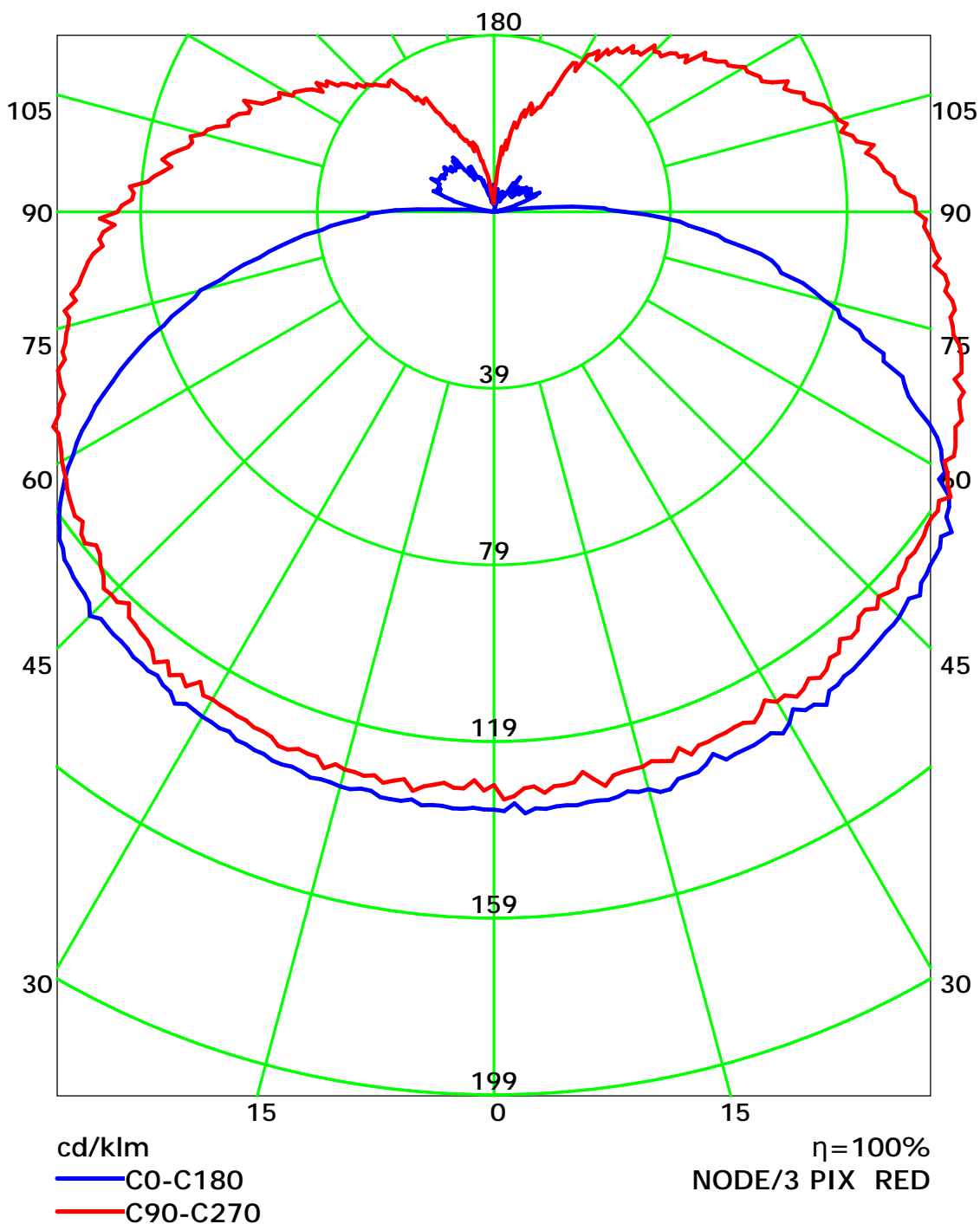
Luminous Intensity Distribution Curve



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:

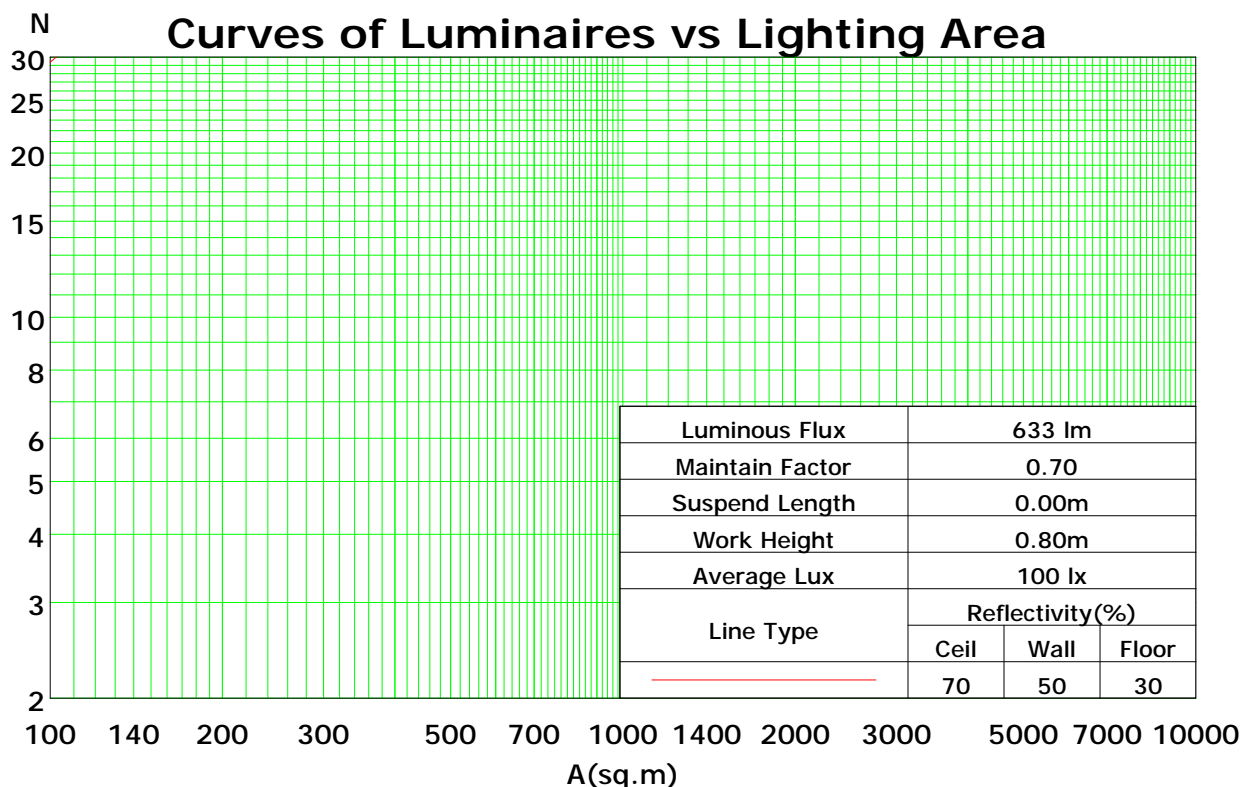
Coefficients Of Utilization - Zonal Cavity Method

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	112	112	112	112	106	106	106	106	94	94	94	84	84	84	74	74	74	70
1	98	91	86	80	92	86	81	76	76	72	68	67	64	61	59	56	54	50
2	87	77	69	62	82	73	65	59	64	58	53	56	52	47	49	45	42	38
3	78	66	57	50	73	62	54	47	55	48	43	48	43	38	42	38	34	30
4	71	58	48	41	66	55	46	39	48	41	35	42	36	31	37	32	28	25
5	65	51	41	34	61	48	39	33	43	35	30	37	31	27	33	28	24	20
6	60	46	36	29	56	43	34	28	38	31	25	34	27	23	29	24	20	17
7	55	41	32	25	51	39	30	24	34	27	22	30	24	20	27	21	18	15
8	51	37	28	22	48	35	27	21	31	24	19	28	22	17	24	19	15	13
9	47	34	25	19	44	32	24	19	28	22	17	25	20	15	22	17	14	12
10	44	31	23	17	42	29	22	17	26	20	15	23	18	14	21	16	12	10

Spacing Criteria (0-180): 1.49

Spacing Criteria (90-270): 1.50

Spacing Criteria (Diagonal): 1.65



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

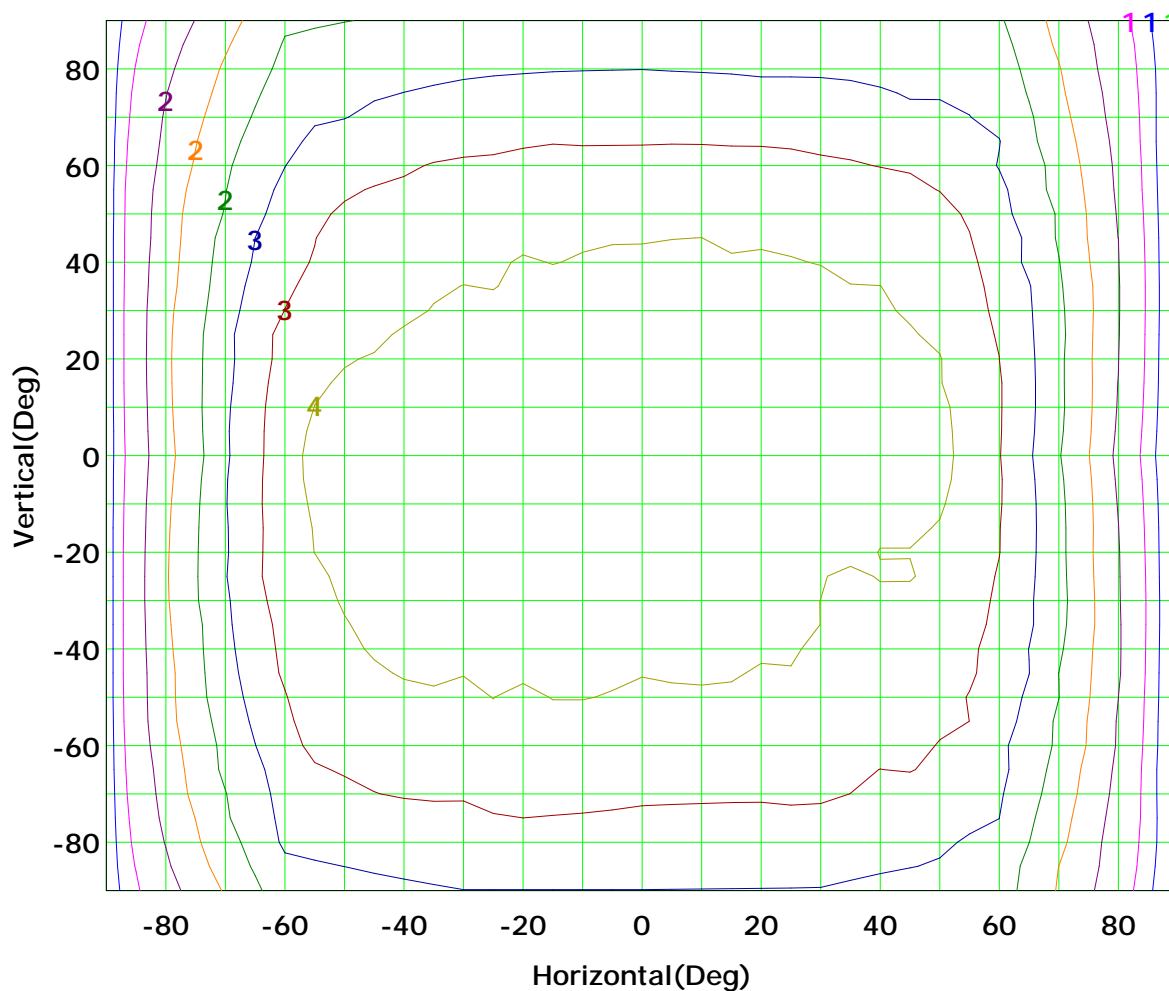
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



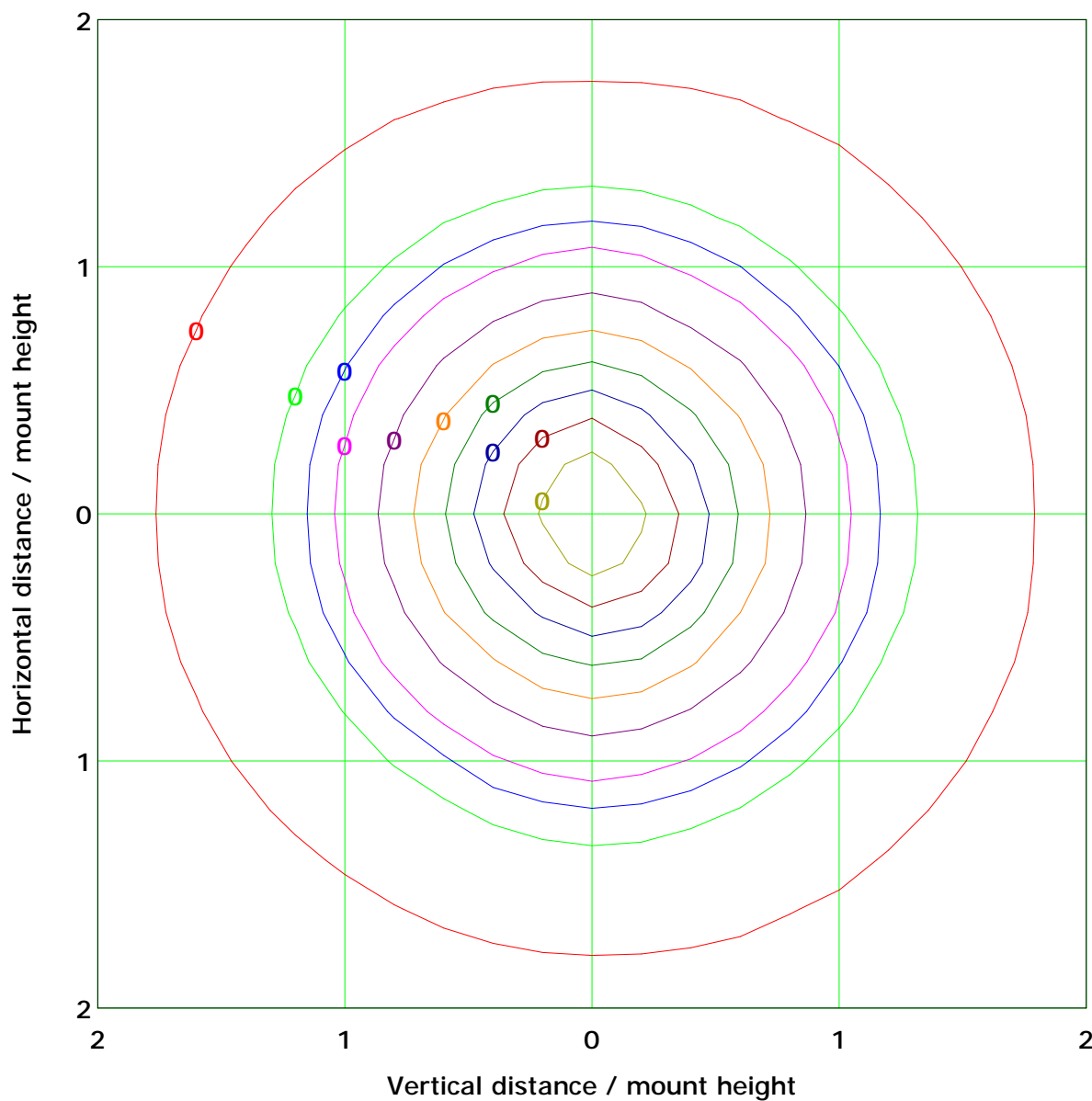
I_{max} (100%): 4 cd

(10%):	0 cd	(20%):	1 cd
(25%):	1 cd	(30%):	1 cd
(40%):	2 cd	(50%):	2 cd
(60%):	2 cd	(70%):	3 cd
(80%):	3 cd	(90%):	4 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%): 0.2 lx

(10%): 0.0 lx	(20%): 0.0 lx
(25%): 0.0 lx	(30%): 0.0 lx
(40%): 0.1 lx	(50%): 0.1 lx
(60%): 0.1 lx	(70%): 0.1 lx
(80%): 0.1 lx	(90%): 0.1 lx

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

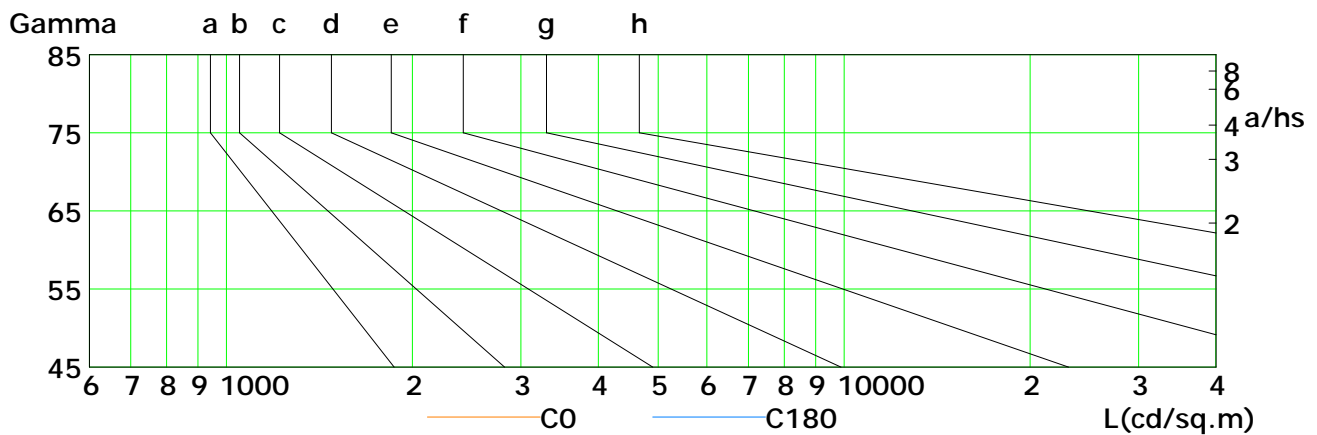
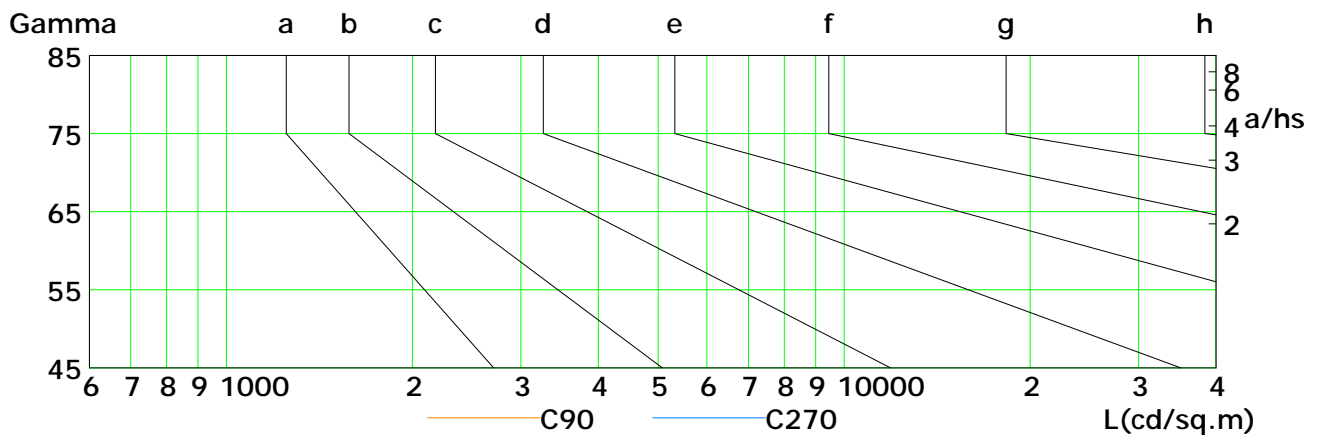
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:



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

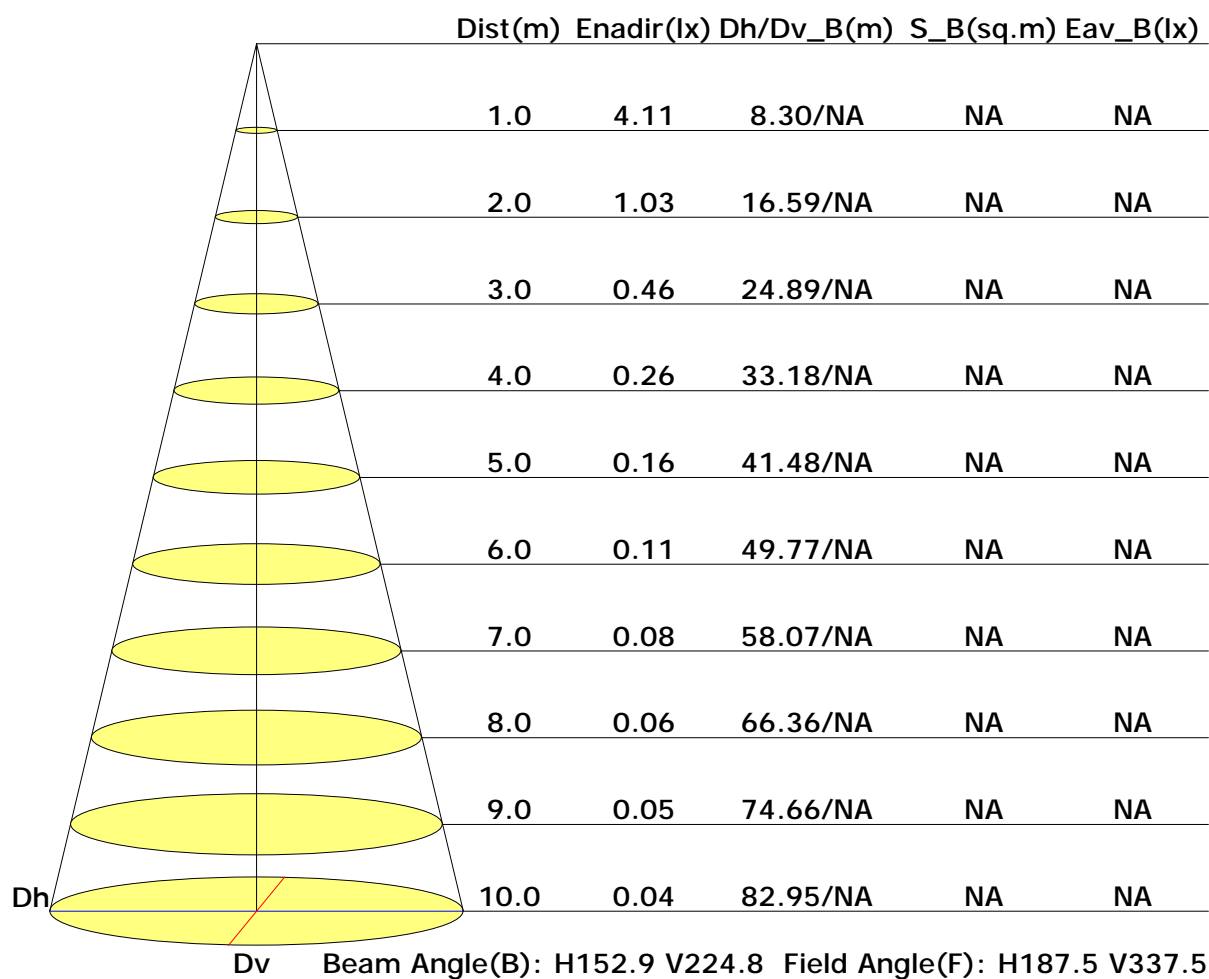


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	165	162	160	151	138	125	107	92	72
C90	271	283	299	316	336	360	397	448	525
C180	165	159	152	141	127	111	95	75	57
C270	270	273	288	301	317	341	368	412	466

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:

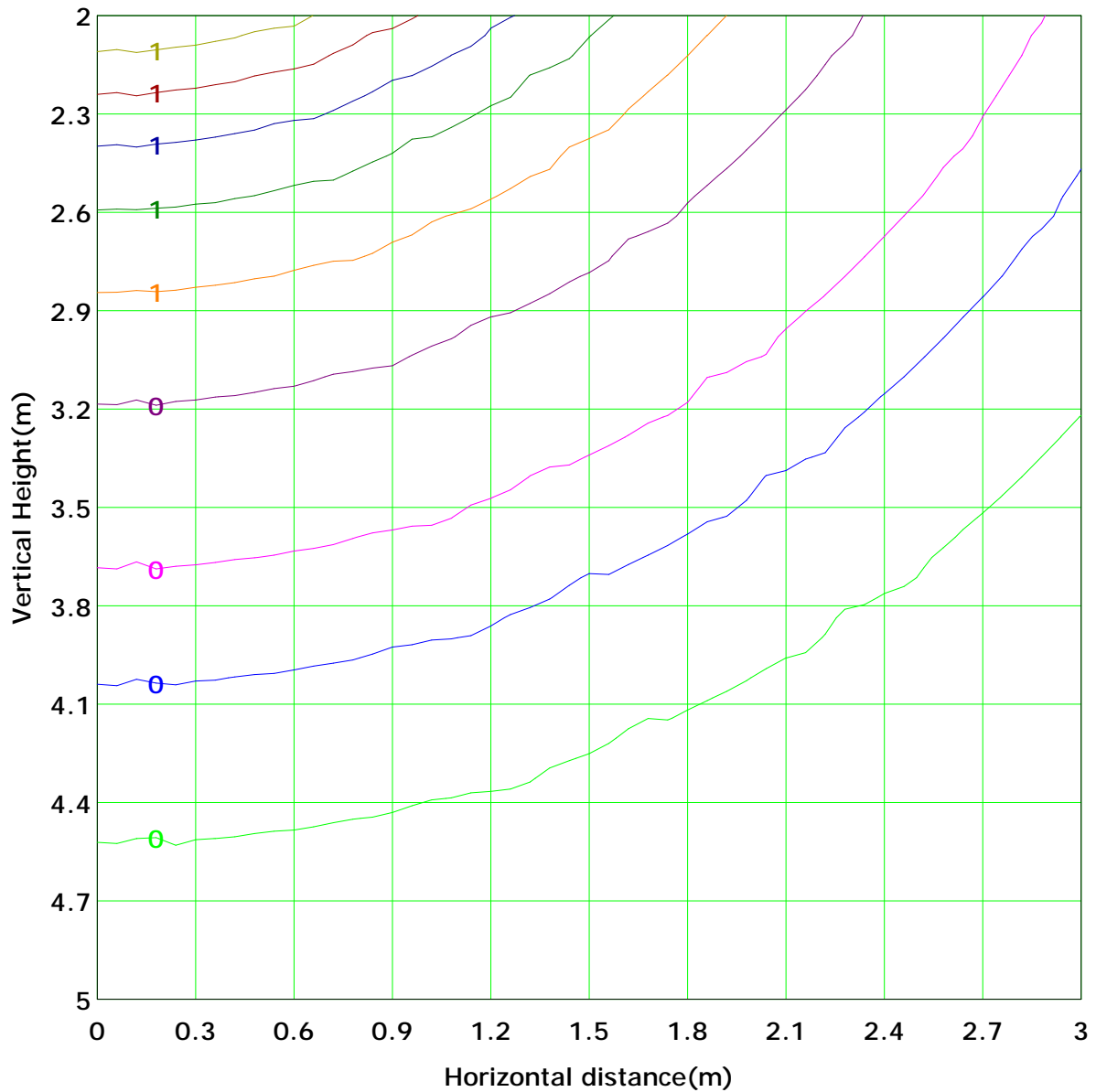
Illuminance at a Distance



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: 1.0 lx
(10%): 0.1 lx	(20%): 0.2 lx	(30%): 0.3 lx
(25%): 0.3 lx	(40%): 0.4 lx	(50%): 0.5 lx
(60%): 0.6 lx	(70%): 0.7 lx	(80%): 0.8 lx
(90%): 0.9 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

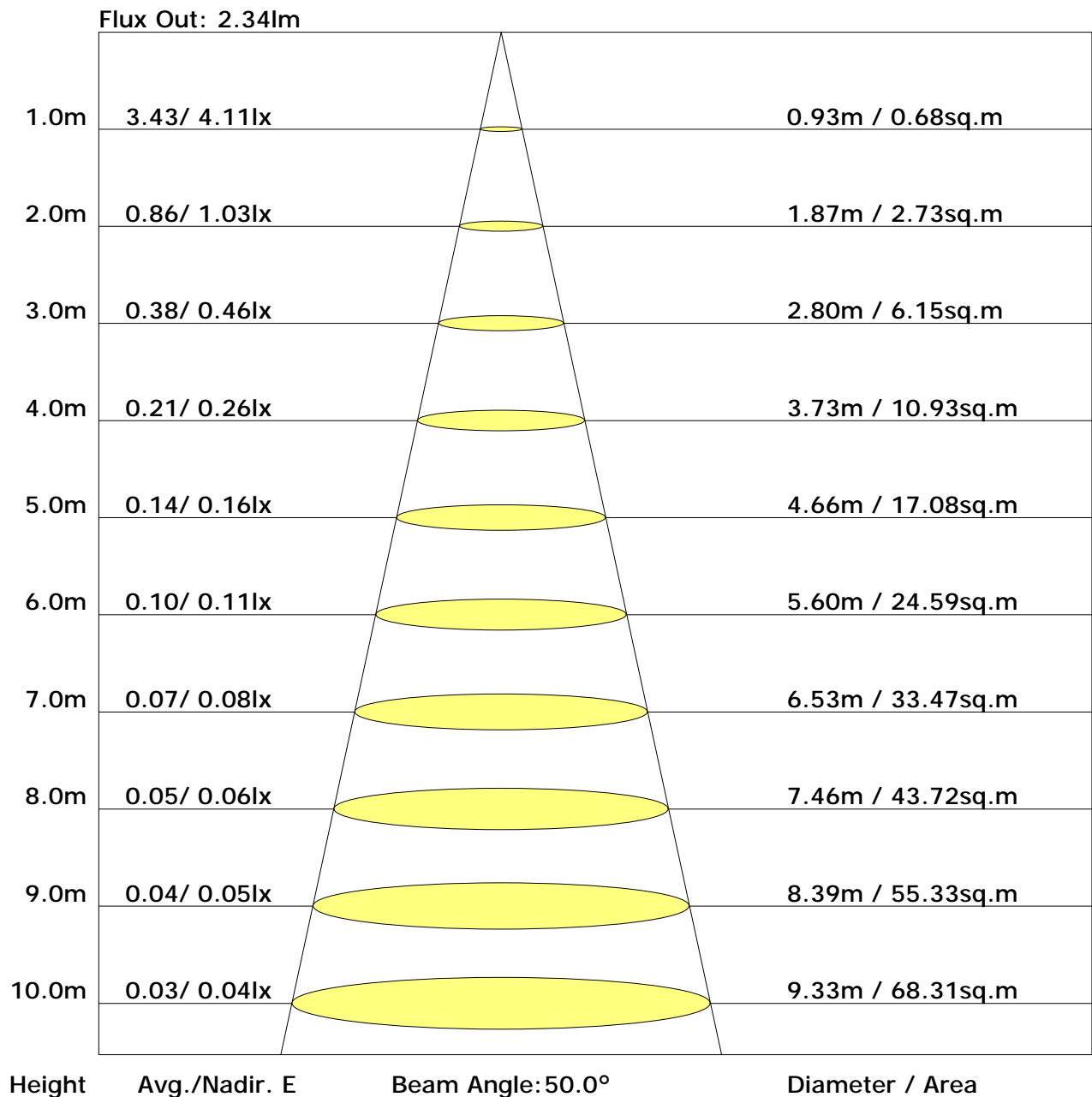
Vertical plane		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
Horizontal plane	-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
	-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
	-70	0.0	0.0	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	0.6	0.6
	-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	1.0	1.0
	-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	1.3	1.3
	-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	1.6	1.6
	-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	1.8	1.8
	-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	1.9	1.9
	-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	2.0	2.0
	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0
	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	1.9	1.9
	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	1.8	1.8
	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	1.6	1.6
	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	1.3	1.3
	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	1.0	1.0
	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	0.7	0.7
	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	0.3	0.3
	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	0.1	0.1
	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	21	21

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	16.9	18.1	17.6	18.9	19.8	15.6	16.8	16.3	17.6	18.5
3H	19.5	20.6	20.2	21.4	22.4	18.2	19.3	18.9	20.1	21.1
4H	20.6	21.7	21.3	22.5	23.4	19.4	20.5	20.2	21.3	22.3
6H	21.5	22.6	22.3	23.4	24.4	20.6	21.6	21.4	22.4	23.4
8H	22.0	23.0	22.8	23.8	24.8	21.1	22.1	21.9	23.0	24.0
12H	22.3	23.3	23.1	24.1	25.1	21.7	22.6	22.5	23.5	24.5
X=4H Y=2H	17.4	18.5	18.2	19.3	20.3	16.5	17.6	17.2	18.4	19.3
3H	20.3	21.2	21.1	22.1	23.1	19.3	20.2	20.1	21.0	22.0
4H	21.6	22.5	22.4	23.3	24.3	20.6	21.5	21.4	22.3	23.4
6H	22.8	23.6	23.6	24.4	25.4	22.0	22.8	22.8	23.6	24.7
8H	23.3	24.0	24.1	24.9	25.9	22.6	23.4	23.5	24.2	25.3
12H	23.8	24.4	24.6	25.3	26.4	23.3	24.0	24.1	24.8	25.9
X=8H Y=4H	22.0	22.8	22.8	23.6	24.6	21.3	22.0	22.1	22.8	23.9
6H	23.4	24.1	24.3	25.0	26.0	22.8	23.5	23.7	24.3	25.4
8H	24.1	24.7	25.0	25.6	26.7	23.6	24.2	24.5	25.1	26.1
12H	24.8	25.3	25.7	26.2	27.3	24.4	25.0	25.3	25.8	26.9
X=12H Y=4H	22.1	22.8	22.9	23.6	24.7	21.4	22.1	22.2	22.9	24.0
6H	23.6	24.2	24.5	25.0	26.1	23.0	23.6	23.9	24.5	25.6
8H	24.4	24.9	25.2	25.8	26.9	23.9	24.5	24.8	25.3	26.4

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 = 1.75								
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	NA	0.51	0.58	0.63	0.70	0.75	0.79	0.84	0.87
	0.30		NA	0.43	0.50	0.55	0.63	0.68	0.72	0.78	0.82
	0.20		NA	0.37	0.43	0.49	0.57	0.62	0.67	0.73	0.78
0.50	0.50	0.20	NA	0.46	0.52	0.56	0.62	0.67	0.70	0.74	0.77
	0.30		NA	0.39	0.45	0.49	0.56	0.61	0.65	0.70	0.73
	0.20		NA	0.34	0.40	0.44	0.51	0.56	0.60	0.66	0.70
0.30	0.50	0.20	NA	0.41	0.46	0.50	0.55	0.59	0.62	0.66	0.68
	0.30		NA	0.35	0.40	0.44	0.50	0.54	0.58	0.62	0.65
	0.20		NA	0.31	0.36	0.40	0.46	0.51	0.54	0.59	0.62
0.00	0.00	0.00	NA	0.25	0.29	0.32	0.38	0.41	0.44	0.48	0.51
Rating: 2W 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 = 1.75								
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	NA	0.89	0.78	0.70	0.58	0.50	0.44	0.36	0.30
	0.30		NA	0.76	0.68	0.62	0.53	0.46	0.41	0.33	0.29
	0.20		NA	0.67	0.61	0.56	0.48	0.42	0.38	0.32	0.27
0.50	0.50	0.20	NA	0.81	0.71	0.64	0.53	0.47	0.40	0.32	0.28
	0.30		NA	0.70	0.63	0.57	0.48	0.42	0.37	0.31	0.26
	0.20		NA	0.62	0.56	0.52	0.44	0.39	0.35	0.29	0.25
0.30	0.50	0.20	NA	0.73	0.64	0.58	0.48	0.41	0.37	0.30	0.25
	0.30		NA	0.64	0.57	0.52	0.44	0.39	0.34	0.28	0.24
	0.20		NA	0.57	0.52	0.48	0.41	0.36	0.33	0.27	0.23
0.00	0.00	0.00	0.70	0.45	0.41	0.38	0.32	0.29	0.26	0.22	0.19
Rating: 2W 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 = 1.75								
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	NA	0.47	0.48	0.49	0.50	0.50	0.50	0.51	0.51
	0.30		NA	0.40	0.41	0.42	0.44	0.45	0.45	0.47	0.47
	0.20		NA	0.35	0.36	0.37	0.39	0.40	0.41	0.43	0.44
0.50	0.50	0.20	NA	0.46	0.46	0.47	0.48	0.48	0.48	0.49	0.49
	0.30		NA	0.39	0.40	0.41	0.42	0.43	0.44	0.45	0.46
	0.20		NA	0.35	0.36	0.37	0.38	0.39	0.40	0.42	0.43
0.30	0.50	0.20	NA	0.44	0.45	0.45	0.46	0.46	0.46	0.47	0.47
	0.30		NA	0.38	0.39	0.40	0.41	0.42	0.43	0.43	0.44
	0.20		NA	0.34	0.35	0.36	0.37	0.38	0.39	0.40	0.41
0.00	0.00	0.00	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
Rating: 2W 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	4.0	0.0	0.0	0.01	0.01
1.0-2.0	4.0	0.0	0.0	0.04	0.05
2.0-3.0	4.0	0.0	0.0	0.06	0.11
3.0-4.0	4.0	0.0	0.1	0.09	0.20
4.0-5.0	4.0	0.0	0.1	0.11	0.31
5.0-6.0	4.0	0.0	0.1	0.14	0.45
6.0-7.0	4.0	0.0	0.2	0.16	0.62
7.0-8.0	4.0	0.1	0.2	0.19	0.80
8.0-9.0	4.0	0.1	0.3	0.21	1.02
9.0-10.0	4.0	0.1	0.4	0.24	1.25
10.0-11.0	4.0	0.1	0.5	0.26	1.52
11.0-12.0	4.0	0.1	0.6	0.29	1.81
12.0-13.0	4.0	0.1	0.6	0.31	2.12
13.0-14.0	4.0	0.1	0.7	0.33	2.45
14.0-15.0	4.0	0.1	0.9	0.36	2.81
15.0-16.0	4.0	0.1	1.0	0.38	3.19
16.0-17.0	4.0	0.1	1.1	0.41	3.60
17.0-18.0	4.0	0.1	1.2	0.43	4.03
18.0-19.0	4.0	0.1	1.4	0.45	4.49
19.0-20.0	4.0	0.1	1.5	0.48	4.97
20.0-21.0	4.0	0.2	1.7	0.50	5.47
21.0-22.0	4.0	0.2	1.8	0.52	5.99
22.0-23.0	4.0	0.2	2.0	0.54	6.54
23.0-24.0	3.9	0.2	2.2	0.57	7.10
24.0-25.0	3.9	0.2	2.3	0.59	7.69
25.0-26.0	3.9	0.2	2.5	0.61	8.30
26.0-27.0	3.9	0.2	2.7	0.63	8.93
27.0-28.0	3.9	0.2	2.9	0.65	9.59
28.0-29.0	3.9	0.2	3.1	0.67	10.26
29.0-30.0	3.9	0.2	3.3	0.70	10.96
30.0-31.0	3.9	0.2	3.6	0.72	11.67
31.0-32.0	3.9	0.2	3.8	0.73	12.41
32.0-33.0	3.9	0.2	4.0	0.76	13.17
33.0-34.0	3.9	0.2	4.2	0.78	13.94
34.0-35.0	3.9	0.2	4.5	0.79	14.73
35.0-36.0	3.9	0.2	4.7	0.81	15.54

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	3.9	0.3	5.0	0.83	16.37
37.0-38.0	3.9	0.3	5.2	0.85	17.22
38.0-39.0	3.9	0.3	5.5	0.86	18.08
39.0-40.0	3.9	0.3	5.8	0.88	18.96
40.0-41.0	3.8	0.3	6.1	0.90	19.86
41.0-42.0	3.8	0.3	6.3	0.91	20.77
42.0-43.0	3.8	0.3	6.6	0.92	21.70
43.0-44.0	3.8	0.3	6.9	0.94	22.64
44.0-45.0	3.8	0.3	7.2	0.96	23.60
45.0-46.0	3.8	0.3	7.5	0.97	24.57
46.0-47.0	3.8	0.3	7.8	0.99	25.56
47.0-48.0	3.8	0.3	8.1	1.00	26.55
48.0-49.0	3.7	0.3	8.4	1.01	27.56
49.0-50.0	3.7	0.3	8.7	1.02	28.59
50.0-51.0	3.7	0.3	9.0	1.03	29.62
51.0-52.0	3.7	0.3	9.3	1.04	30.66
52.0-53.0	3.7	0.3	9.7	1.05	31.71
53.0-54.0	3.7	0.3	10.0	1.06	32.77
54.0-55.0	3.7	0.3	10.3	1.07	33.84
55.0-56.0	3.6	0.3	10.6	1.08	34.92
56.0-57.0	3.6	0.3	11.0	1.09	36.01
57.0-58.0	3.6	0.3	11.3	1.09	37.10
58.0-59.0	3.6	0.3	11.6	1.09	38.19
59.0-60.0	3.5	0.3	12.0	1.10	39.29
60.0-61.0	3.5	0.3	12.3	1.10	40.39
61.0-62.0	3.5	0.3	12.6	1.10	41.49
62.0-63.0	3.5	0.3	13.0	1.11	42.60
63.0-64.0	3.4	0.3	13.3	1.11	43.71
64.0-65.0	3.4	0.3	13.7	1.10	44.81
65.0-66.0	3.4	0.3	14.0	1.10	45.91
66.0-67.0	3.3	0.3	14.3	1.10	47.01
67.0-68.0	3.3	0.3	14.7	1.10	48.10
68.0-69.0	3.3	0.3	15.0	1.09	49.20
69.0-70.0	3.2	0.3	15.3	1.09	50.29
70.0-71.0	3.2	0.3	15.7	1.08	51.37
71.0-72.0	3.1	0.3	16.0	1.07	52.44

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	3.1	0.3	16.3	1.07	53.51
73.0-74.0	3.1	0.3	16.6	1.06	54.57
74.0-75.0	3.0	0.3	17.0	1.05	55.62
75.0-76.0	3.0	0.3	17.3	1.04	56.65
76.0-77.0	2.9	0.3	17.6	1.03	57.68
77.0-78.0	2.9	0.3	17.9	1.02	58.70
78.0-79.0	2.8	0.3	18.2	1.00	59.70
79.0-80.0	2.8	0.3	18.5	0.99	60.69
80.0-81.0	2.8	0.3	18.8	0.98	61.68
81.0-82.0	2.7	0.3	19.1	0.97	62.65
82.0-83.0	2.7	0.3	19.4	0.96	63.61
83.0-84.0	2.6	0.3	19.7	0.95	64.55
84.0-85.0	2.6	0.3	20.0	0.93	65.49
85.0-86.0	2.6	0.3	20.2	0.92	66.41
86.0-87.0	2.5	0.3	20.5	0.91	67.31
87.0-88.0	2.5	0.3	20.8	0.89	68.20
88.0-89.0	2.4	0.3	21.1	0.88	69.08
89.0-90.0	2.4	0.3	21.3	0.86	69.94
90.0-91.0	2.3	0.3	21.6	0.84	70.79
91.0-92.0	2.3	0.3	21.8	0.83	71.62
92.0-93.0	2.3	0.2	22.1	0.81	72.43
93.0-94.0	2.2	0.2	22.3	0.80	73.23
94.0-95.0	2.2	0.2	22.6	0.78	74.01
95.0-96.0	2.1	0.2	22.8	0.76	74.77
96.0-97.0	2.1	0.2	23.0	0.74	75.51
97.0-98.0	2.0	0.2	23.2	0.73	76.24
98.0-99.0	2.0	0.2	23.5	0.72	76.96
99.0-100.0	2.0	0.2	23.7	0.71	77.68
100.0-101.0	2.0	0.2	23.9	0.70	78.38
101.0-102.0	2.0	0.2	24.1	0.69	79.07
102.0-103.0	1.9	0.2	24.3	0.68	79.75
103.0-104.0	1.9	0.2	24.5	0.67	80.42
104.0-105.0	1.9	0.2	24.7	0.66	81.08
105.0-106.0	1.9	0.2	24.9	0.65	81.74
106.0-107.0	1.9	0.2	25.1	0.65	82.38
107.0-108.0	1.8	0.2	25.3	0.63	83.01

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	1.8	0.2	25.5	0.62	83.64
109.0-110.0	1.8	0.2	25.7	0.61	84.25
110.0-111.0	1.8	0.2	25.9	0.60	84.85
111.0-112.0	1.8	0.2	26.0	0.59	85.43
112.0-113.0	1.7	0.2	26.2	0.58	86.01
113.0-114.0	1.7	0.2	26.4	0.56	86.57
114.0-115.0	1.7	0.2	26.6	0.55	87.13
115.0-116.0	1.7	0.2	26.7	0.54	87.66
116.0-117.0	1.6	0.2	26.9	0.52	88.19
117.0-118.0	1.6	0.2	27.0	0.51	88.70
118.0-119.0	1.6	0.2	27.2	0.50	89.20
119.0-120.0	1.6	0.1	27.3	0.49	89.68
120.0-121.0	1.5	0.1	27.5	0.48	90.16
121.0-122.0	1.5	0.1	27.6	0.46	90.62
122.0-123.0	1.5	0.1	27.8	0.44	91.06
123.0-124.0	1.4	0.1	27.9	0.43	91.49
124.0-125.0	1.4	0.1	28.0	0.42	91.91
125.0-126.0	1.4	0.1	28.1	0.41	92.32
126.0-127.0	1.4	0.1	28.3	0.40	92.72
127.0-128.0	1.3	0.1	28.4	0.38	93.10
128.0-129.0	1.3	0.1	28.5	0.37	93.47
129.0-130.0	1.3	0.1	28.6	0.35	93.82
130.0-131.0	1.3	0.1	28.7	0.34	94.16
131.0-132.0	1.2	0.1	28.8	0.33	94.49
132.0-133.0	1.2	0.1	28.9	0.32	94.81
133.0-134.0	1.2	0.1	29.0	0.31	95.12
134.0-135.0	1.2	0.1	29.1	0.30	95.42
135.0-136.0	1.1	0.1	29.2	0.29	95.71
136.0-137.0	1.1	0.1	29.3	0.27	95.98
137.0-138.0	1.1	0.1	29.3	0.26	96.24
138.0-139.0	1.1	0.1	29.4	0.25	96.50
139.0-140.0	1.0	0.1	29.5	0.24	96.74
140.0-141.0	1.0	0.1	29.6	0.24	96.98
141.0-142.0	1.0	0.1	29.6	0.23	97.20
142.0-143.0	1.0	0.1	29.7	0.22	97.42
143.0-144.0	1.0	0.1	29.8	0.21	97.63

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	0.9	0.1	29.8	0.20	97.82
145.0-146.0	0.9	0.1	29.9	0.18	98.01
146.0-147.0	0.9	0.1	29.9	0.17	98.18
147.0-148.0	0.8	0.0	30.0	0.16	98.34
148.0-149.0	0.8	0.0	30.0	0.15	98.49
149.0-150.0	0.8	0.0	30.1	0.14	98.63
150.0-151.0	0.7	0.0	30.1	0.13	98.76
151.0-152.0	0.7	0.0	30.1	0.12	98.88
152.0-153.0	0.7	0.0	30.2	0.11	99.00
153.0-154.0	0.6	0.0	30.2	0.10	99.10
154.0-155.0	0.6	0.0	30.2	0.09	99.19
155.0-156.0	0.6	0.0	30.3	0.09	99.28
156.0-157.0	0.6	0.0	30.3	0.08	99.36
157.0-158.0	0.5	0.0	30.3	0.07	99.44
158.0-159.0	0.5	0.0	30.3	0.07	99.51
159.0-160.0	0.5	0.0	30.3	0.06	99.57
160.0-161.0	0.5	0.0	30.4	0.06	99.63
161.0-162.0	0.5	0.0	30.4	0.05	99.68
162.0-163.0	0.4	0.0	30.4	0.05	99.73
163.0-164.0	0.4	0.0	30.4	0.04	99.77
164.0-165.0	0.4	0.0	30.4	0.04	99.81
165.0-166.0	0.4	0.0	30.4	0.03	99.85
166.0-167.0	0.3	0.0	30.4	0.03	99.88
167.0-168.0	0.3	0.0	30.5	0.03	99.90
168.0-169.0	0.3	0.0	30.5	0.02	99.92
169.0-170.0	0.3	0.0	30.5	0.02	99.94
170.0-171.0	0.2	0.0	30.5	0.01	99.96
171.0-172.0	0.2	0.0	30.5	0.01	99.97
172.0-173.0	0.2	0.0	30.5	0.01	99.98
173.0-174.0	0.2	0.0	30.5	0.01	99.98
174.0-175.0	0.2	0.0	30.5	0.01	99.99
175.0-176.0	0.1	0.0	30.5	0.00	99.99
176.0-177.0	0.1	0.0	30.5	0.00	100.00
177.0-178.0	0.1	0.0	30.5	0.00	100.00
178.0-179.0	0.1	0.0	30.5	0.00	100.00
179.0-180.0	0.1	0.0	30.5	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: