Report No.: **Test Time: 2022/4/24 11:23**

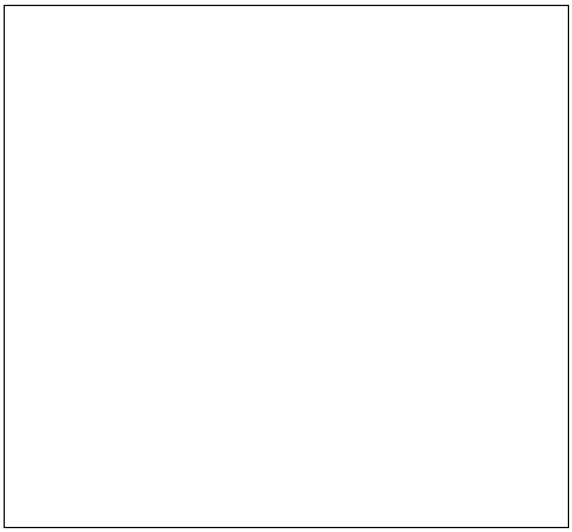
Luminaire Property

Luminaire Manufacturer:
Luminaire Category: Curved pendants C35 Flex VW WC 4.4W/F
Luminaire Description: Curved pendants C35 Flex VW WC 4.4W/F
Lamp Catalog: 1 ROW VW 2100+6200K **Luminous Length (mm): 300**
Luminous Width (mm): 35 **Luminous Height (mm): 37.5**
Voltage: 24.0 V **Current: 0.156 A**
Power: 3.75 W **Power Factor: 1.000**

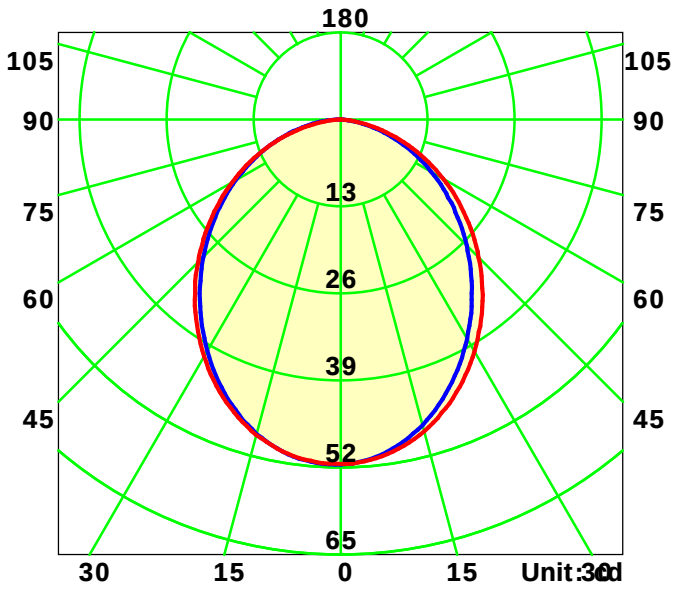
Photometric Results

CIE Class: Direct **Total Rated Lamp Lumens: 125.7 lm**
Measurement Flux: 125.7 lm **Efficiency: 100%**
Downward Ratio: 100% **Upward Ratio: 0%**
Horizontal Diffuse Angle(10%,50%): H155.1,H95.5
Vertical Diffuse Angle(10%,50%): V155.3,V100.4
Luminaire Efficacy Rating (LER): 33.58 **Central Intensity: 52.08 cd**
Max. Intensity: 52.14 cd **Pos of Max. Intensity: H210 V2**
S/MH(C0/C180): 1.13 **S/MH(C90/C270): 1.18**

Picture Of Luminaire



Luminous Intensity Distribution Curve

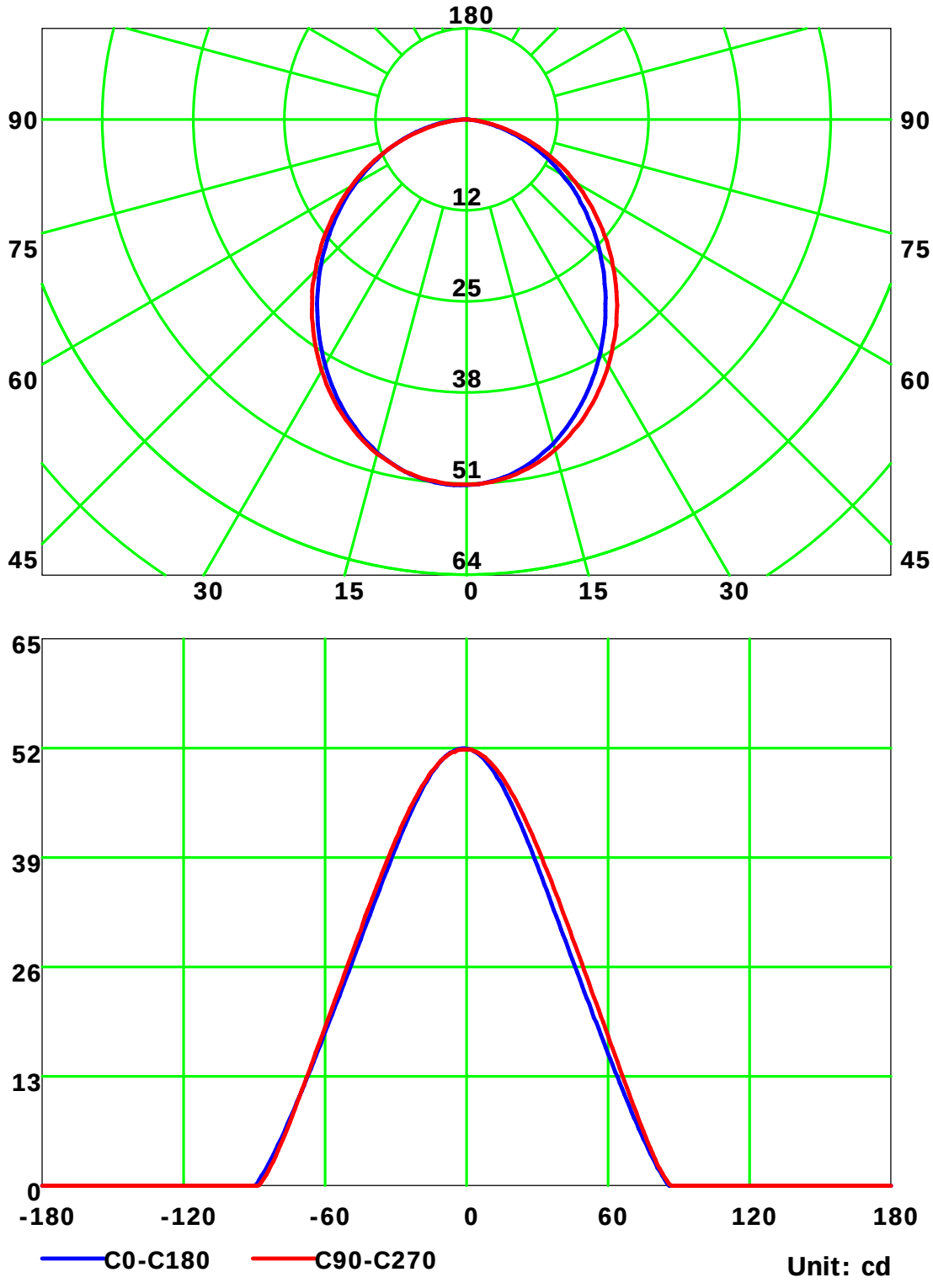


Average Diffuse Angle(50%): 98.0°

C0-C180 **C90-C270**

C Plane (°):0.0-360.0: 30.0 **Gamma Plane (°):0.0-180.0:1.0**
Test Lab: **Test Device: GPM-1800B**
Test Type: TYPE C **Distance: 9.390 m**
Temperature: 25 **Humidity: 60%**
Operator: Jacky **Inspector:**

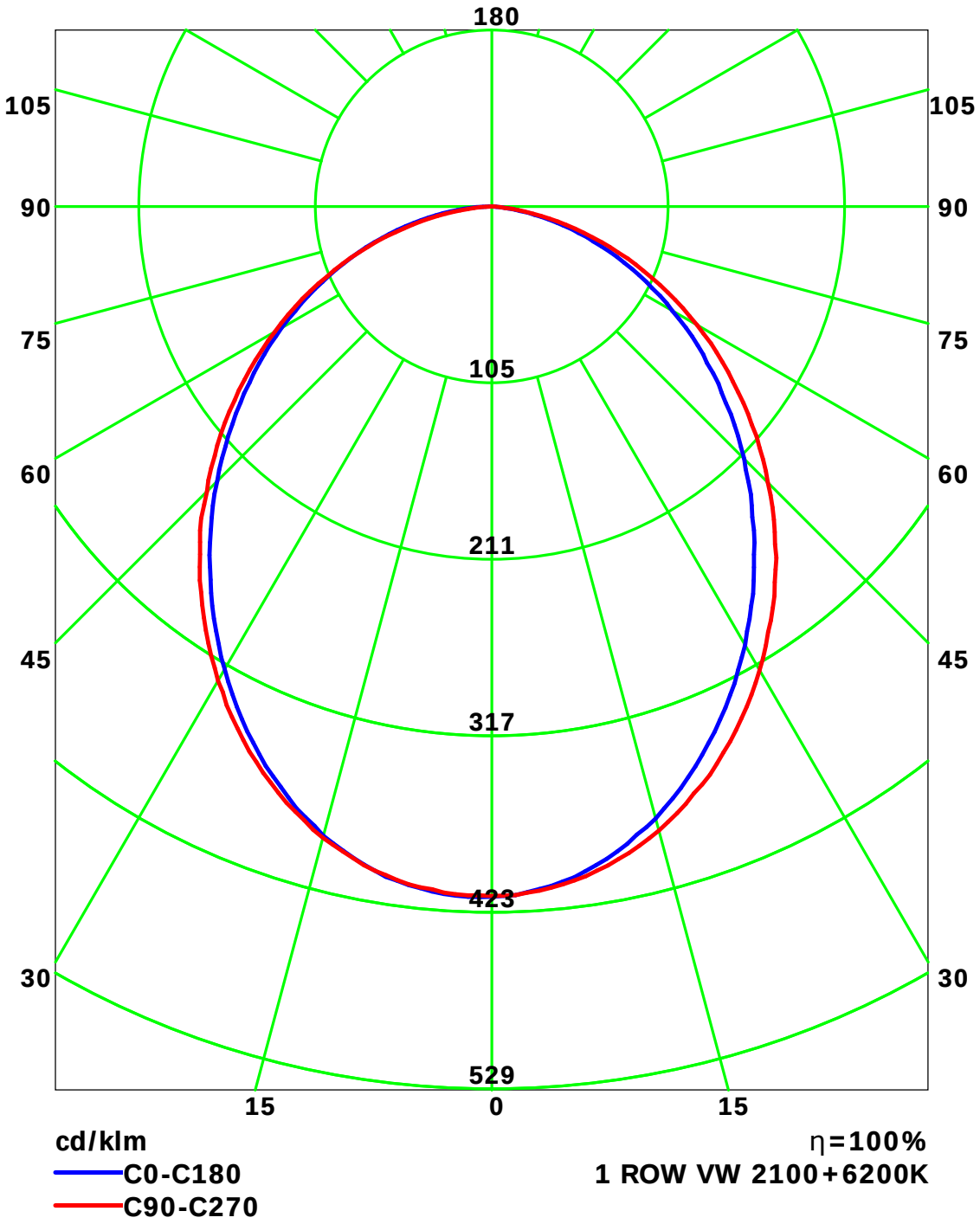
Luminous Intensity Distribution Curve



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: 9.390 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

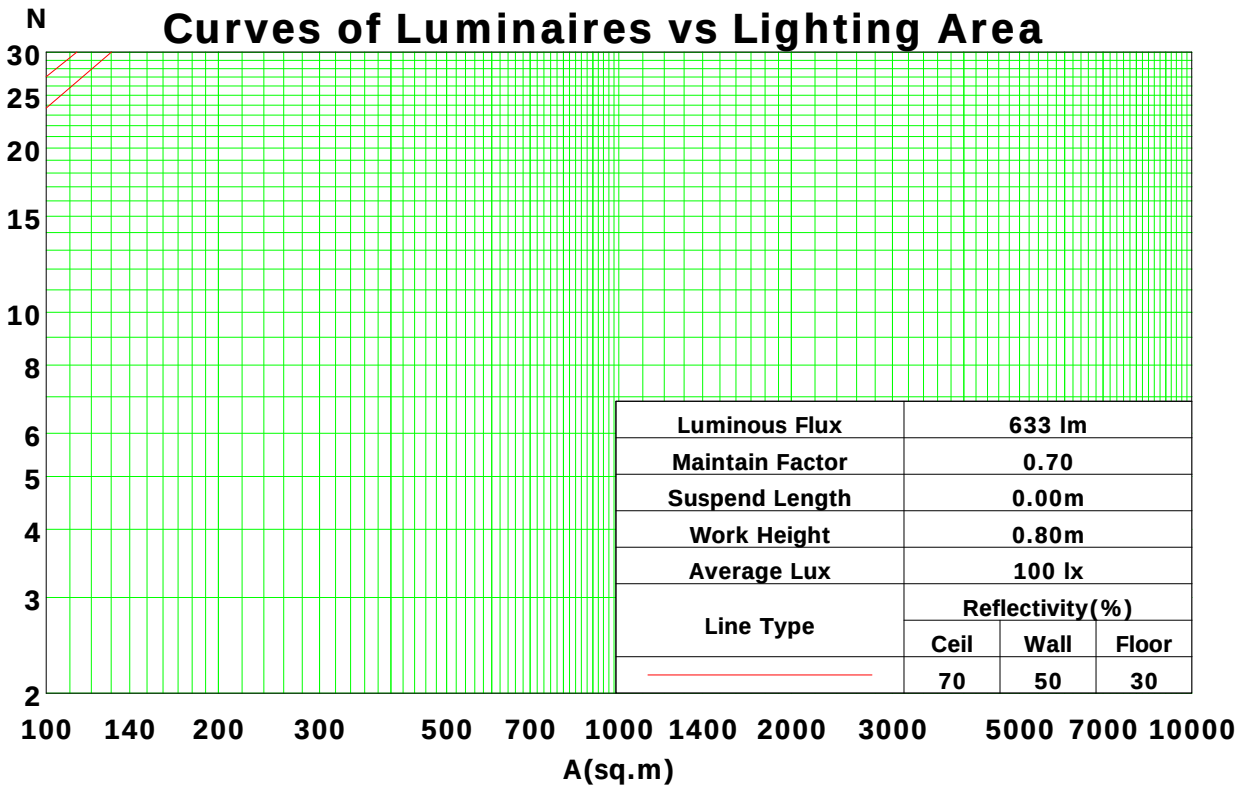
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.390 m
Humidity: 60%
Inspector:

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	102	102	102	100
1	109	105	101	97	107	103	99	96	98	95	93	95	92	90	91	89	87	85
2	100	92	85	80	97	90	84	79	87	82	77	83	79	75	80	77	74	72
3	91	81	73	67	89	80	72	67	77	70	65	74	69	64	71	67	63	61
4	84	72	64	57	82	71	63	57	69	62	56	66	60	55	64	59	55	53
5	77	65	56	50	75	64	56	49	62	54	49	60	53	48	58	52	48	46
6	72	59	50	44	70	58	49	43	56	49	43	54	48	43	53	47	42	40
7	67	53	45	39	65	53	44	39	51	44	38	50	43	38	48	42	38	36
8	62	49	40	35	60	48	40	35	47	40	34	46	39	34	44	38	34	32
9	58	45	37	31	57	44	37	31	43	36	31	42	36	31	41	35	31	29
10	54	42	34	29	53	41	34	29	40	33	28	39	33	28	38	32	28	26

Spacing Criteria (0-180): 1.13
Spacing Criteria (90-270): 1.18
Spacing Criteria (Diagonal): 1.27

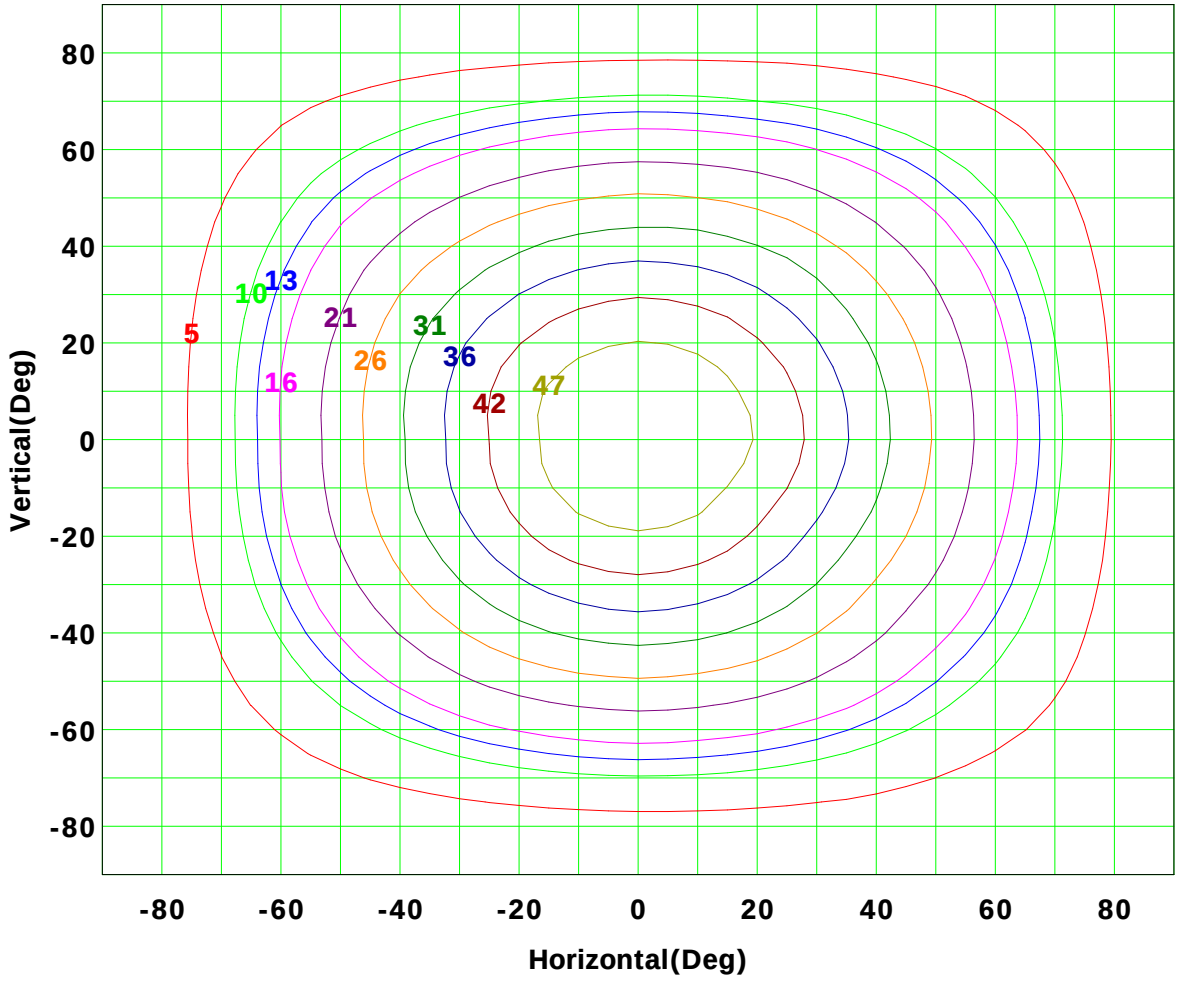
Curves of Luminaires vs Lighting Area



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: 9.390 m
Humidity: 60%
Inspector:

Isocandela (rectangle)



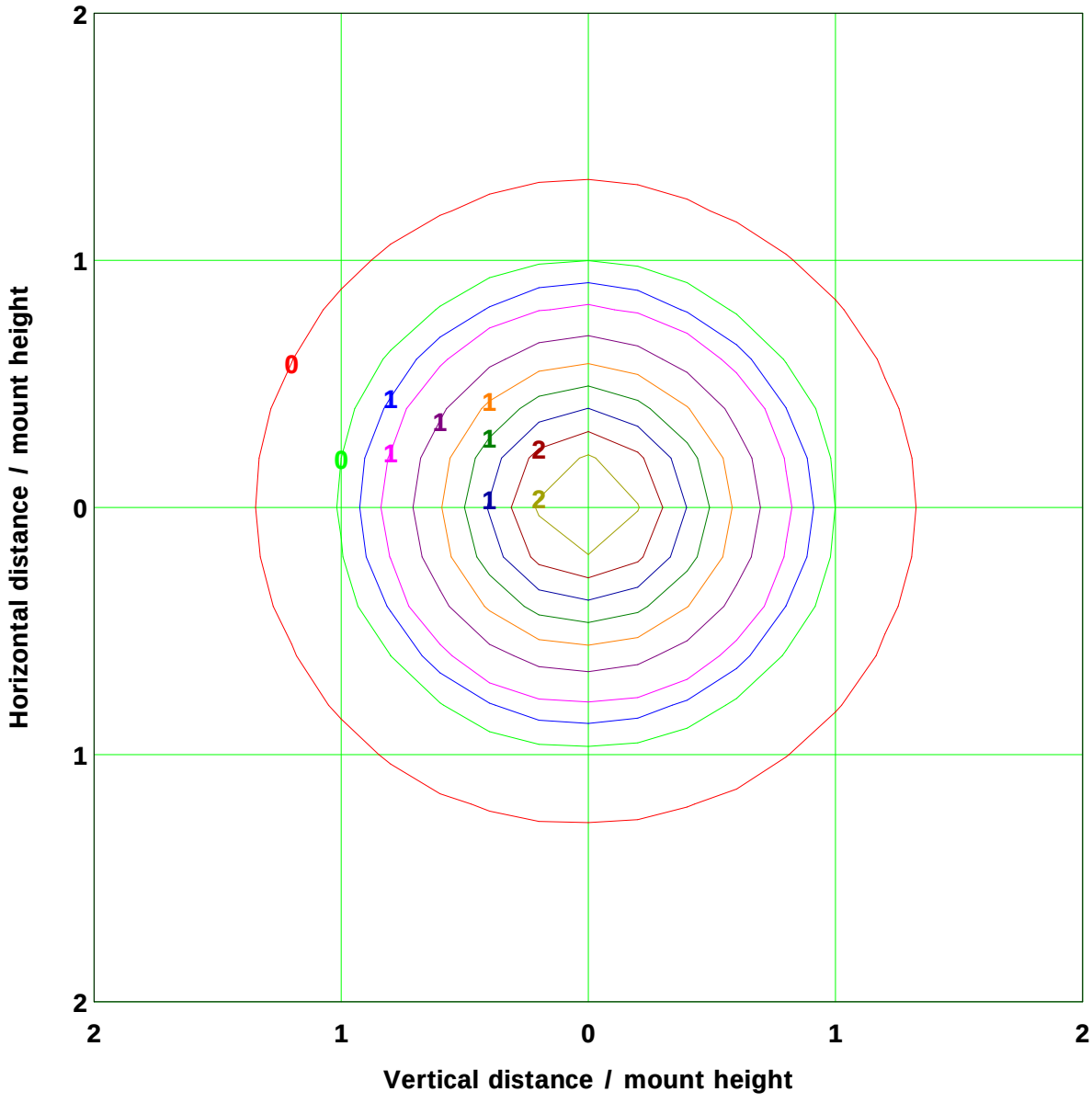
Imax (100%): 52 cd

(10%):	5 cd	(20%):	10 cd
(25%):	13 cd	(30%):	16 cd
(40%):	21 cd	(50%):	26 cd
(60%):	31 cd	(70%):	36 cd
(80%):	42 cd	(90%):	47 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: 9.390 m
Humidity: 60%
Inspector:

IsoLux Plot



Mounting Height: 5.0m Max Lux(100%): 2.1 lx

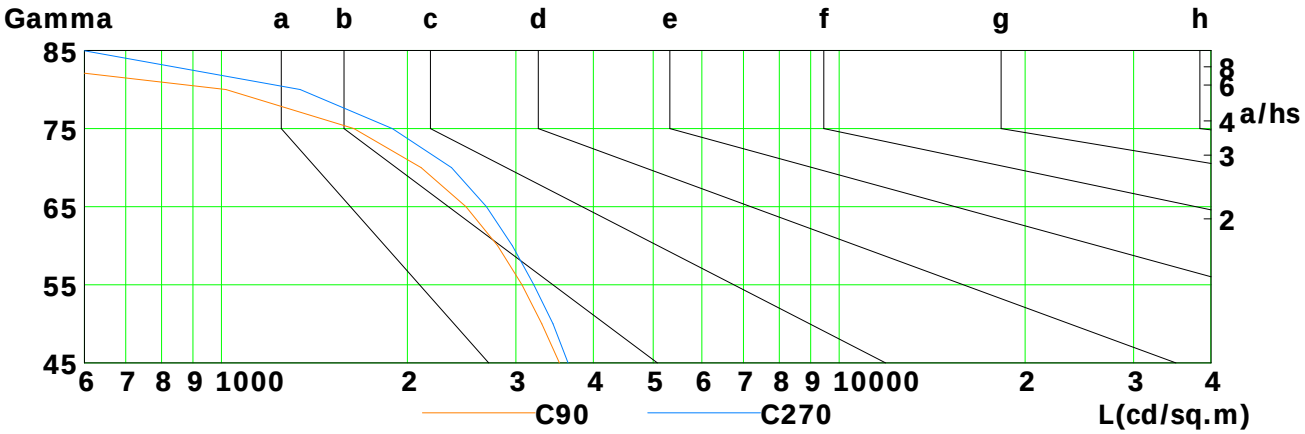
(10%): 0.2 lx	(20%): 0.4 lx
(25%): 0.5 lx	(30%): 0.6 lx
(40%): 0.8 lx	(50%): 1.0 lx
(60%): 1.3 lx	(70%): 1.5 lx
(80%): 1.7 lx	(90%): 1.9 lx

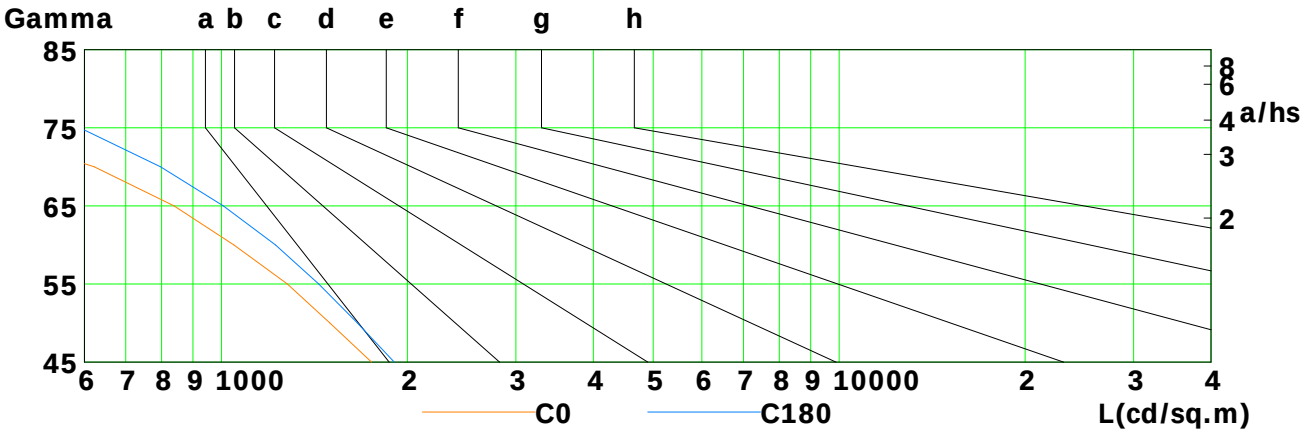
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.390 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



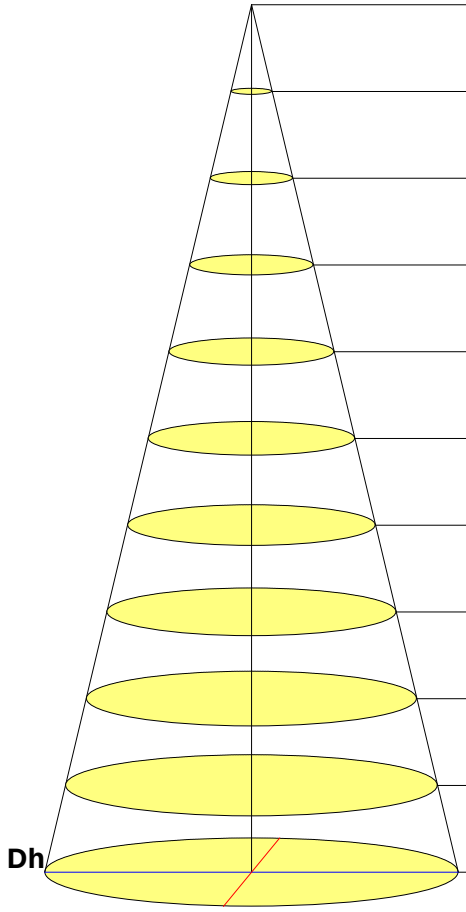


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	1751	1500	1279	1049	838	623	410	214	28
C90	3525	3303	3069	2803	2488	2106	1638	1017	292
C180	1906	1662	1439	1223	1008	797	590	378	174
C270	3641	3443	3207	2959	2685	2359	1892	1342	598

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: 9.390 m
Humidity: 60%
Inspector:

Illuminance at a Distance



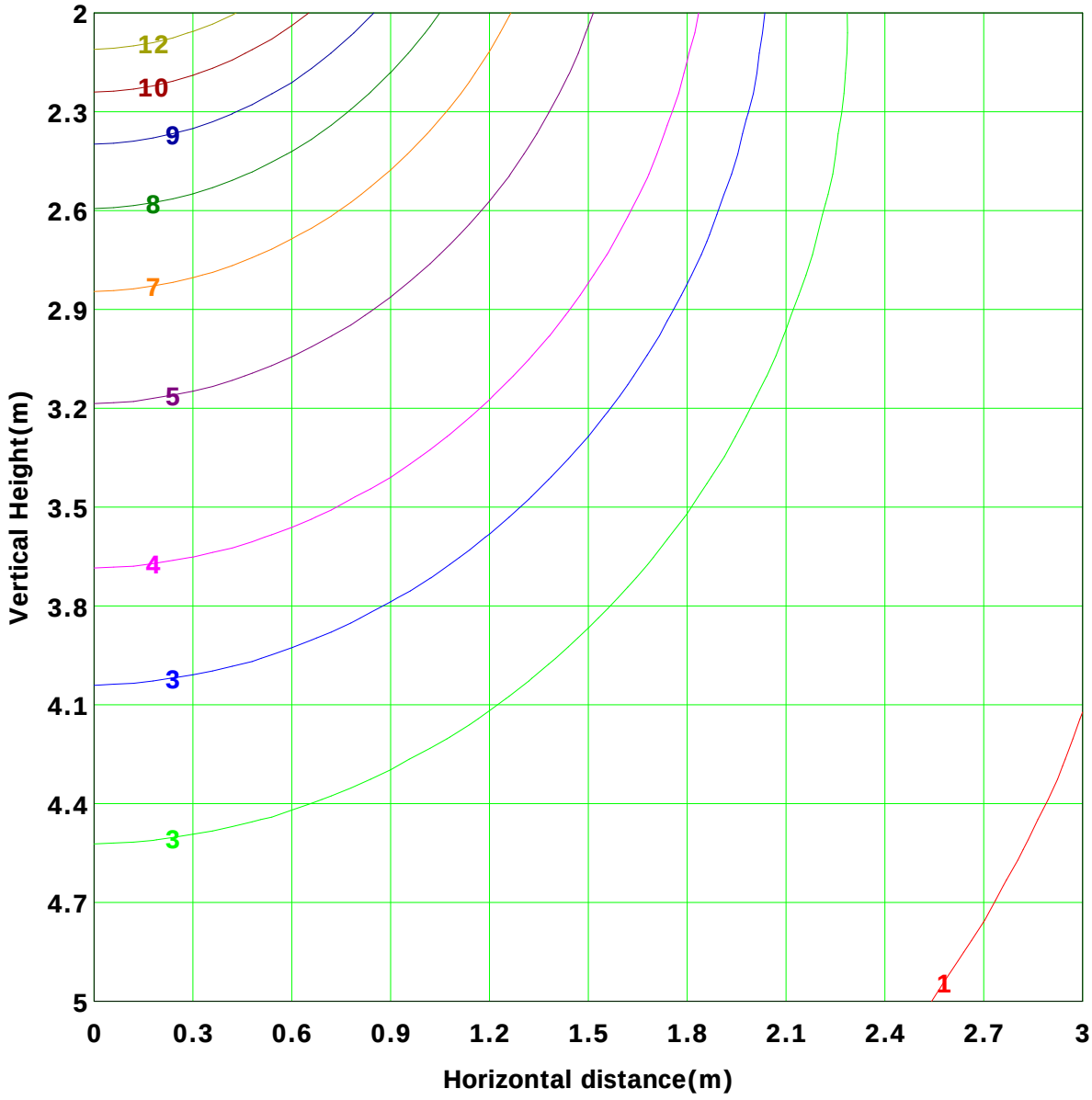
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	52.08	2.20/2.40	4.2	11.34
2.0	13.02	4.40/4.80	16.7	2.84
3.0	5.79	6.60/7.21	37.5	1.26
4.0	3.26	8.80/9.61	66.7	0.71
5.0	2.08	11.01/12.01	104.3	0.45
6.0	1.45	13.21/14.41	150.1	0.32
7.0	1.06	15.41/16.81	204.3	0.23
8.0	0.81	17.61/19.21	266.9	0.18
9.0	0.64	19.81/21.62	337.8	0.14
10.0	0.52	22.01/24.02	417.0	0.11

Beam Angle(B): H95.5 V100.4 Field Angle(F): H155.1 V155.3

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: 9.390 m
Humidity: 60%
Inspector:

Vertical IsoLux Plot



Lowest(m): 2.0m Highest(m): 5.0m Max Lux: 13.0 lx

(10%): 1.3 lx	(20%): 2.6 lx
(25%): 3.3 lx	(30%): 3.9 lx
(40%): 5.2 lx	(50%): 6.5 lx
(60%): 7.8 lx	(70%): 9.1 lx
(80%): 10.4 lx	(90%): 11.7 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: 9.390 m
Humidity: 60%
Inspector:

Area Flux Table

Unit: lm

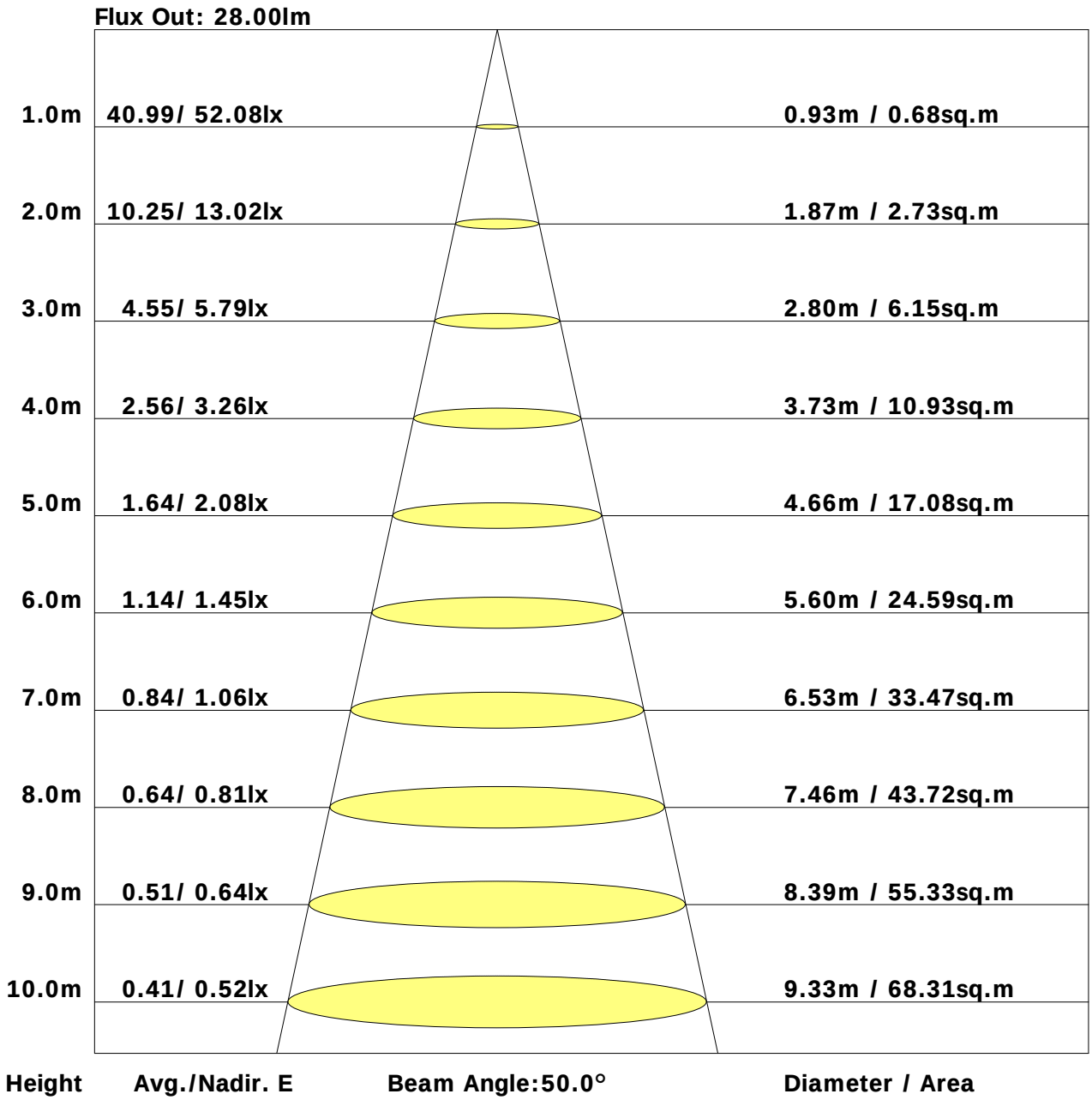
Vertical plane	Flux(E)	Flux(T)
-90	0.0	0.1
-80	0.5	0.7
-70	1.8	2.0
-60	3.8	3.9
-50	6.3	6.4
-40	9.1	9.2
-30	11.9	12.0
-20	14.1	14.2
-10	15.3	15.4
0	15.2	15.4
10	13.9	14.0
20	11.5	11.7
30	8.7	8.9
40	5.9	6.0
50	3.4	3.6
60	1.5	1.6
70	0.2	0.5
80	0.0	0.0
90		126
Flux(T)	123	
Flux(E)		0.0

Horizontal plane	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
-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	0.4	0.0
-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.4
-70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	3.8	3.7
-60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	5.7	5.7
-50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	7.6	7.6
-40	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.0	9.4	9.3
-30	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.4	0.3	0.3	0.2	0.1	0.0	0.0	10.9	10.8
-20	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.5	0.4	0.4	0.3	0.2	0.0	0.0	11.9	11.9
-10	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.5	0.5	0.3	0.2	0.0	0.0	12.5	12.4
0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.5	0.5	0.3	0.2	0.0	0.0	12.4	12.3
10	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.5	0.5	0.3	0.2	0.0	0.0	11.7	11.7
20	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.5	0.5	0.3	0.2	0.0	0.0	10.5	10.5
30	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.5	0.5	0.3	0.2	0.0	0.0	9.0	9.0
40	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.5	0.5	0.3	0.2	0.0	0.0	7.3	7.2
50	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.5	0.5	0.3	0.2	0.0	0.0	5.4	5.3
60	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.5	0.5	0.3	0.2	0.0	0.0	3.4	3.3
70	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.5	0.5	0.3	0.2	0.0	0.0	1.6	0.9
80	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.5	0.5	0.3	0.2	0.0	0.0	0.2	0.0
90	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.5	0.5	0.3	0.2	0.0	0.0	0.0	
Flux(T)	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.5	0.5	0.3	0.2	0.0	0.0		
Flux(E)	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.5	0.5	0.3	0.2	0.0	0.0		

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: 9.390 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: 9.390 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	13.4	14.7	13.7	14.9	15.2	15.4	16.7	15.7	16.9	17.2
3H	14.2	15.4	14.5	15.7	16.0	16.6	17.8	16.9	18.1	18.4
4H	14.4	15.6	14.8	15.8	16.1	17.0	18.2	17.4	18.5	18.8
6H	14.5	15.6	14.8	15.9	16.2	17.3	18.3	17.6	18.7	19.0
8H	14.5	15.5	14.8	15.8	16.1	17.3	18.3	17.7	18.7	19.0
12H	14.4	15.4	14.8	15.8	16.1	17.3	18.3	17.7	18.6	19.0
X=4H Y=2H	14.0	15.1	14.3	15.4	15.7	15.6	16.8	16.0	17.0	17.3
3H	15.0	15.9	15.3	16.3	16.6	17.0	18.0	17.4	18.3	18.7
4H	15.3	16.1	15.7	16.5	16.9	17.5	18.4	17.9	18.7	19.1
6H	15.4	16.2	15.8	16.5	17.0	17.8	18.6	18.2	19.0	19.4
8H	15.4	16.1	15.8	16.5	16.9	17.9	18.6	18.3	19.0	19.4
12H	15.4	16.0	15.8	16.4	16.9	17.9	18.5	18.3	19.0	19.4
X=8H Y=4H	15.4	16.2	15.9	16.6	17.0	17.5	18.3	18.0	18.7	19.1
6H	15.6	16.2	16.1	16.7	17.1	17.9	18.5	18.4	18.9	19.4
8H	15.7	16.2	16.1	16.6	17.1	18.0	18.5	18.5	19.0	19.4
12H	15.7	16.1	16.1	16.6	17.1	18.0	18.5	18.5	18.9	19.4
X=12H Y=4H	15.4	16.1	15.9	16.5	16.9	17.5	18.2	18.0	18.6	19.0
6H	15.7	16.2	16.1	16.6	17.1	17.9	18.4	18.4	18.9	19.3
8H	15.7	16.1	16.2	16.6	17.1	18.0	18.4	18.5	18.9	19.4
Variations with the observer position at spacings:										
S=1.0H	+0.3/-0.4					+0.2/-0.2				
S=1.5H	+0.5/-1.0					+0.6/-0.7				
S=2.0H	+0.9/-1.8					+1.3/-1.6				

Calculate in accordance with CIE Pub.117. The table is revised with 126lm (8log(F/F0) = -7.2).

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: 9.390 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	0.60	0.70	0.77	0.82	0.89	0.94	0.97	1.02	1.04
	0.30		0.52	0.62	0.70	0.75	0.83	0.89	0.93	0.98	1.01
	0.20		0.47	0.57	0.64	0.70	0.78	0.84	0.89	0.94	0.98
0.50	0.50	0.20	0.58	0.68	0.75	0.79	0.86	0.91	0.94	0.98	1.00
	0.30		0.51	0.61	0.68	0.74	0.81	0.86	0.90	0.95	0.98
	0.20		0.46	0.56	0.64	0.69	0.77	0.82	0.86	0.92	0.95
0.30	0.50	0.20	0.57	0.66	0.72	0.77	0.83	0.87	0.90	0.94	0.96
	0.30		0.51	0.60	0.67	0.72	0.79	0.84	0.87	0.91	0.94
	0.20		0.46	0.56	0.63	0.68	0.75	0.81	0.84	0.89	0.92
0.00	0.00	0.00	0.44	0.53	0.60	0.65	0.72	0.77	0.80	0.85	0.88

Rating:4W Photometrically tested without ceiling board.
Multiply UF values by service correction factors
Calculate in accordance with CIBSE Technical Memorandum NO.5 1980

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: 9.390 m
Humidity: 60%
Inspector:

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	0.96	0.78	0.67	0.58	0.46	0.38	0.32	0.25	0.20
	0.30		0.80	0.67	0.58	0.51	0.42	0.35	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
0.50	0.50	0.20	0.92	0.75	0.64	0.55	0.44	0.40	0.31	0.24	0.19
	0.30		0.78	0.65	0.56	0.50	0.40	0.33	0.29	0.22	0.18
	0.20		0.68	0.58	0.50	0.45	0.37	0.31	0.27	0.21	0.18
0.30	0.50	0.20	0.89	0.72	0.61	0.53	0.42	0.34	0.29	0.22	0.18
	0.30		0.76	0.64	0.55	0.48	0.39	0.32	0.28	0.21	0.18
	0.20		0.67	0.57	0.50	0.44	0.36	0.30	0.26	0.21	0.17
0.00	0.00	0.00	0.56	0.47	0.40	0.35	0.28	0.23	0.20	0.16	0.13

Rating:4W Photometrically tested without ceiling board.
Multiply UF values by service correction factors
Calculate in accordance with CIBSE Technical Memorandum NO.5 1980

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: 9.390 m
Humidity: 60%
Inspector:

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	0.16	0.17	0.18	0.19	0.20	0.20	0.21	0.21	0.22
	0.30		0.09	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19
	0.20		0.05	0.06	0.08	0.09	0.11	0.13	0.14	0.16	0.17
0.50	0.50	0.20	0.15	0.17	0.17	0.18	0.19	0.19	0.20	0.20	0.21
	0.30		0.09	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19
	0.20		0.05	0.06	0.08	0.09	0.11	0.13	0.14	0.15	0.16
0.30	0.50	0.20	0.15	0.16	0.17	0.17	0.18	0.19	0.19	0.20	0.20
	0.30		0.09	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18
	0.20		0.05	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16
0.00	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	NA

Rating:4W Photometrically tested without ceiling board.
Multiply UF values by service correction factors
Calculate in accordance with CIBSE Technical Memorandum NO.5 1980

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: 9.390 m
Humidity: 60%
Inspector:

Zonal Lumen

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	52.0	0.0	0.0	0.04	0.04
1.0-2.0	52.0	0.1	0.2	0.12	0.16
2.0-3.0	51.9	0.2	0.4	0.20	0.36
3.0-4.0	51.8	0.3	0.8	0.28	0.63
4.0-5.0	51.7	0.4	1.2	0.35	0.99
5.0-6.0	51.6	0.5	1.8	0.43	1.42
6.0-7.0	51.4	0.6	2.4	0.51	1.92
7.0-8.0	51.2	0.7	3.2	0.58	2.51
8.0-9.0	50.9	0.8	4.0	0.66	3.16
9.0-10.0	50.7	0.9	4.9	0.73	3.89
10.0-11.0	50.4	1.0	5.9	0.80	4.69
11.0-12.0	50.1	1.1	7.0	0.87	5.56
12.0-13.0	49.7	1.2	8.2	0.94	6.50
13.0-14.0	49.3	1.3	9.4	1.00	7.51
14.0-15.0	48.9	1.3	10.8	1.07	8.57
15.0-16.0	48.5	1.4	12.2	1.13	9.71
16.0-17.0	48.0	1.5	13.7	1.19	10.89
17.0-18.0	47.6	1.6	15.3	1.25	12.14
18.0-19.0	47.1	1.6	16.9	1.30	13.44
19.0-20.0	46.5	1.7	18.6	1.35	14.80
20.0-21.0	46.0	1.8	20.4	1.40	16.20
21.0-22.0	45.4	1.8	22.2	1.45	17.66
22.0-23.0	44.9	1.9	24.1	1.50	19.15
23.0-24.0	44.3	1.9	26.0	1.54	20.69
24.0-25.0	43.6	2.0	28.0	1.58	22.27
25.0-26.0	43.0	2.0	30.0	1.62	23.89
26.0-27.0	42.4	2.1	32.1	1.65	25.54
27.0-28.0	41.7	2.1	34.2	1.68	27.22
28.0-29.0	41.1	2.1	36.4	1.71	28.93
29.0-30.0	40.4	2.2	38.5	1.73	30.66
30.0-31.0	39.7	2.2	40.8	1.76	32.42
31.0-32.0	39.0	2.2	43.0	1.78	34.20
32.0-33.0	38.3	2.3	45.2	1.79	35.99
33.0-34.0	37.6	2.3	47.5	1.81	37.80
34.0-35.0	36.9	2.3	49.8	1.82	39.62
35.0-36.0	36.1	2.3	52.1	1.83	41.45

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: 9.390 m
Humidity: 60%
Inspector:

Zonal Lumen (Continue 1)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	35.4	2.3	54.4	1.84	43.29
37.0-38.0	34.7	2.3	56.7	1.84	45.13
38.0-39.0	33.9	2.3	59.1	1.84	46.97
39.0-40.0	33.2	2.3	61.4	1.84	48.81
40.0-41.0	32.4	2.3	63.7	1.84	50.65
41.0-42.0	31.7	2.3	66.0	1.83	52.48
42.0-43.0	31.0	2.3	68.3	1.82	54.31
43.0-44.0	30.2	2.3	70.6	1.81	56.12
44.0-45.0	29.5	2.3	72.8	1.80	57.92
45.0-46.0	28.7	2.2	75.1	1.79	59.71
46.0-47.0	28.0	2.2	77.3	1.77	61.48
47.0-48.0	27.2	2.2	79.5	1.75	63.22
48.0-49.0	26.4	2.2	81.7	1.72	64.95
49.0-50.0	25.6	2.1	83.8	1.70	66.65
50.0-51.0	24.9	2.1	85.9	1.67	68.32
51.0-52.0	24.1	2.1	88.0	1.65	69.97
52.0-53.0	23.4	2.0	90.0	1.62	71.58
53.0-54.0	22.6	2.0	92.0	1.58	73.16
54.0-55.0	21.8	1.9	93.9	1.55	74.72
55.0-56.0	21.1	1.9	95.8	1.52	76.23
56.0-57.0	20.3	1.9	97.7	1.48	77.71
57.0-58.0	19.6	1.8	99.5	1.44	79.15
58.0-59.0	18.8	1.8	101.3	1.40	80.56
59.0-60.0	18.1	1.7	103.0	1.36	81.91
60.0-61.0	17.3	1.7	104.6	1.32	83.23
61.0-62.0	16.6	1.6	106.2	1.27	84.50
62.0-63.0	15.9	1.5	107.8	1.23	85.73
63.0-64.0	15.1	1.5	109.3	1.18	86.91
64.0-65.0	14.4	1.4	110.7	1.13	88.04
65.0-66.0	13.7	1.4	112.1	1.08	89.13
66.0-67.0	12.9	1.3	113.4	1.03	90.16
67.0-68.0	12.2	1.2	114.6	0.98	91.14
68.0-69.0	11.5	1.2	115.8	0.93	92.07
69.0-70.0	10.8	1.1	116.9	0.88	92.95
70.0-71.0	10.0	1.0	117.9	0.83	93.78
71.0-72.0	9.3	1.0	118.9	0.77	94.55

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: 9.390 m
Humidity: 60%
Inspector:

Zonal Lumen (Continue 2)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	8.6	0.9	119.8	0.72	95.27
73.0-74.0	7.9	0.8	120.6	0.66	95.93
74.0-75.0	7.3	0.8	121.4	0.61	96.54
75.0-76.0	6.6	0.7	122.1	0.56	97.10
76.0-77.0	5.9	0.6	122.7	0.50	97.60
77.0-78.0	5.3	0.6	123.3	0.45	98.06
78.0-79.0	4.7	0.5	123.8	0.40	98.46
79.0-80.0	4.1	0.4	124.2	0.35	98.81
80.0-81.0	3.5	0.4	124.6	0.30	99.11
81.0-82.0	2.9	0.3	124.9	0.25	99.36
82.0-83.0	2.4	0.3	125.2	0.21	99.56
83.0-84.0	1.9	0.2	125.4	0.16	99.72
84.0-85.0	1.4	0.2	125.5	0.12	99.84
85.0-86.0	0.9	0.1	125.6	0.08	99.92
86.0-87.0	0.5	0.1	125.7	0.05	99.97
87.0-88.0	0.3	0.0	125.7	0.02	99.99
88.0-89.0	0.1	0.0	125.7	0.01	100.00
89.0-90.0	0.0	0.0	125.7	0.00	100.00
90.0-91.0	0.0	0.0	125.7	0.00	100.00
91.0-92.0	0.0	0.0	125.7	0.00	100.00
92.0-93.0	0.0	0.0	125.7	0.00	100.00
93.0-94.0	0.0	0.0	125.7	0.00	100.00
94.0-95.0	0.0	0.0	125.7	0.00	100.00
95.0-96.0	0.0	0.0	125.7	0.00	100.00
96.0-97.0	0.0	0.0	125.7	0.00	100.00
97.0-98.0	0.0	0.0	125.7	0.00	100.00
98.0-99.0	0.0	0.0	125.7	0.00	100.00
99.0-100.0	0.0	0.0	125.7	0.00	100.00
100.0-101.0	0.0	0.0	125.7	0.00	100.00
101.0-102.0	0.0	0.0	125.7	0.00	100.00
102.0-103.0	0.0	0.0	125.7	0.00	100.00
103.0-104.0	0.0	0.0	125.7	0.00	100.00
104.0-105.0	0.0	0.0	125.7	0.00	100.00
105.0-106.0	0.0	0.0	125.7	0.00	100.00
106.0-107.0	0.0	0.0	125.7	0.00	100.00
107.0-108.0	0.0	0.0	125.7	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: 9.390 m
Humidity: 60%
Inspector:

Zonal Lumen (Continue 3)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	0.0	0.0	125.7	0.00	100.00
109.0-110.0	0.0	0.0	125.7	0.00	100.00
110.0-111.0	0.0	0.0	125.7	0.00	100.00
111.0-112.0	0.0	0.0	125.7	0.00	100.00
112.0-113.0	0.0	0.0	125.7	0.00	100.00
113.0-114.0	0.0	0.0	125.7	0.00	100.00
114.0-115.0	0.0	0.0	125.7	0.00	100.00
115.0-116.0	0.0	0.0	125.7	0.00	100.00
116.0-117.0	0.0	0.0	125.7	0.00	100.00
117.0-118.0	0.0	0.0	125.7	0.00	100.00
118.0-119.0	0.0	0.0	125.7	0.00	100.00
119.0-120.0	0.0	0.0	125.7	0.00	100.00
120.0-121.0	0.0	0.0	125.7	0.00	100.00
121.0-122.0	0.0	0.0	125.7	0.00	100.00
122.0-123.0	0.0	0.0	125.7	0.00	100.00
123.0-124.0	0.0	0.0	125.7	0.00	100.00
124.0-125.0	0.0	0.0	125.7	0.00	100.00
125.0-126.0	0.0	0.0	125.7	0.00	100.00
126.0-127.0	0.0	0.0	125.7	0.00	100.00
127.0-128.0	0.0	0.0	125.7	0.00	100.00
128.0-129.0	0.0	0.0	125.7	0.00	100.00
129.0-130.0	0.0	0.0	125.7	0.00	100.00
130.0-131.0	0.0	0.0	125.7	0.00	100.00
131.0-132.0	0.0	0.0	125.7	0.00	100.00
132.0-133.0	0.0	0.0	125.7	0.00	100.00
133.0-134.0	0.0	0.0	125.7	0.00	100.00
134.0-135.0	0.0	0.0	125.7	0.00	100.00
135.0-136.0	0.0	0.0	125.7	0.00	100.00
136.0-137.0	0.0	0.0	125.7	0.00	100.00
137.0-138.0	0.0	0.0	125.7	0.00	100.00
138.0-139.0	0.0	0.0	125.7	0.00	100.00
139.0-140.0	0.0	0.0	125.7	0.00	100.00
140.0-141.0	0.0	0.0	125.7	0.00	100.00
141.0-142.0	0.0	0.0	125.7	0.00	100.00
142.0-143.0	0.0	0.0	125.7	0.00	100.00
143.0-144.0	0.0	0.0	125.7	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: 9.390 m
Humidity: 60%
Inspector:

Zonal Lumen (Continue 4)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	0.0	0.0	125.7	0.00	100.00
145.0-146.0	0.0	0.0	125.7	0.00	100.00
146.0-147.0	0.0	0.0	125.7	0.00	100.00
147.0-148.0	0.0	0.0	125.7	0.00	100.00
148.0-149.0	0.0	0.0	125.7	0.00	100.00
149.0-150.0	0.0	0.0	125.7	0.00	100.00
150.0-151.0	0.0	0.0	125.7	0.00	100.00
151.0-152.0	0.0	0.0	125.7	0.00	100.00
152.0-153.0	0.0	0.0	125.7	0.00	100.00
153.0-154.0	0.0	0.0	125.7	0.00	100.00
154.0-155.0	0.0	0.0	125.7	0.00	100.00
155.0-156.0	0.0	0.0	125.7	0.00	100.00
156.0-157.0	0.0	0.0	125.7	0.00	100.00
157.0-158.0	0.0	0.0	125.7	0.00	100.00
158.0-159.0	0.0	0.0	125.7	0.00	100.00
159.0-160.0	0.0	0.0	125.7	0.00	100.00
160.0-161.0	0.0	0.0	125.7	0.00	100.00
161.0-162.0	0.0	0.0	125.7	0.00	100.00
162.0-163.0	0.0	0.0	125.7	0.00	100.00
163.0-164.0	0.0	0.0	125.7	0.00	100.00
164.0-165.0	0.0	0.0	125.7	0.00	100.00
165.0-166.0	0.0	0.0	125.7	0.00	100.00
166.0-167.0	0.0	0.0	125.7	0.00	100.00
167.0-168.0	0.0	0.0	125.7	0.00	100.00
168.0-169.0	0.0	0.0	125.7	0.00	100.00
169.0-170.0	0.0	0.0	125.7	0.00	100.00
170.0-171.0	0.0	0.0	125.7	0.00	100.00
171.0-172.0	0.0	0.0	125.7	0.00	100.00
172.0-173.0	0.0	0.0	125.7	0.00	100.00
173.0-174.0	0.0	0.0	125.7	0.00	100.00
174.0-175.0	0.0	0.0	125.7	0.00	100.00
175.0-176.0	0.0	0.0	125.7	0.00	100.00
176.0-177.0	0.0	0.0	125.7	0.00	100.00
177.0-178.0	0.0	0.0	125.7	0.00	100.00
178.0-179.0	0.0	0.0	125.7	0.00	100.00
179.0-180.0	0.0	0.0	125.7	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: 9.390 m
Humidity: 60%
Inspector: