

Report No.:

Test Time: 2022/3/22 14:33

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: Addressable Ribbonlyte RB0RGBWADD6.0RGB40

Luminaire Description: RGBW 0.5M Green

Luminous Length (mm): 500

Luminous Width (mm): 15

Luminous Height (mm): 5

Voltage: 24.0 V

Current: 0.135 A

Power: 3.24 W

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 134.1 lm

Measurement Flux: 134.1 lm

Efficiency: 100%

Downward Ratio: 90%

Upward Ratio: 10%

Horizontal Diffuse Angle(10%,50%): H171.8,H126.2

Vertical Diffuse Angle(10%,50%): V169.1,V127.4

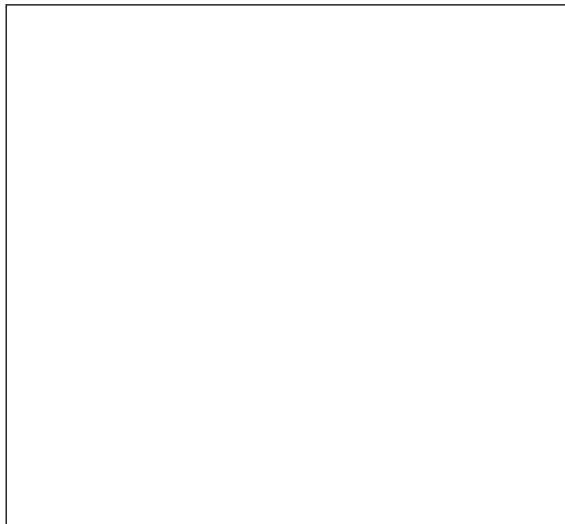
Luminaire Efficacy Rating (LER): 41

Central Intensity: 35.36 cd

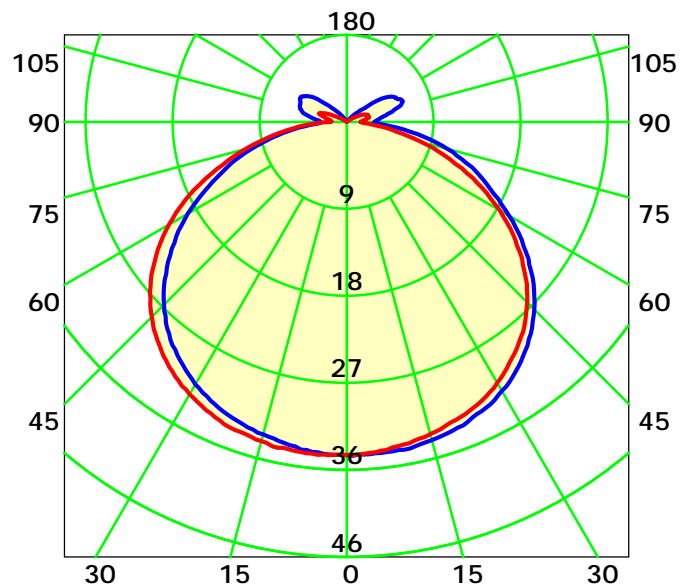
Max. Intensity: 35.5 cd

Pos of Max. Intensity: H300 V10

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 126.8° 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

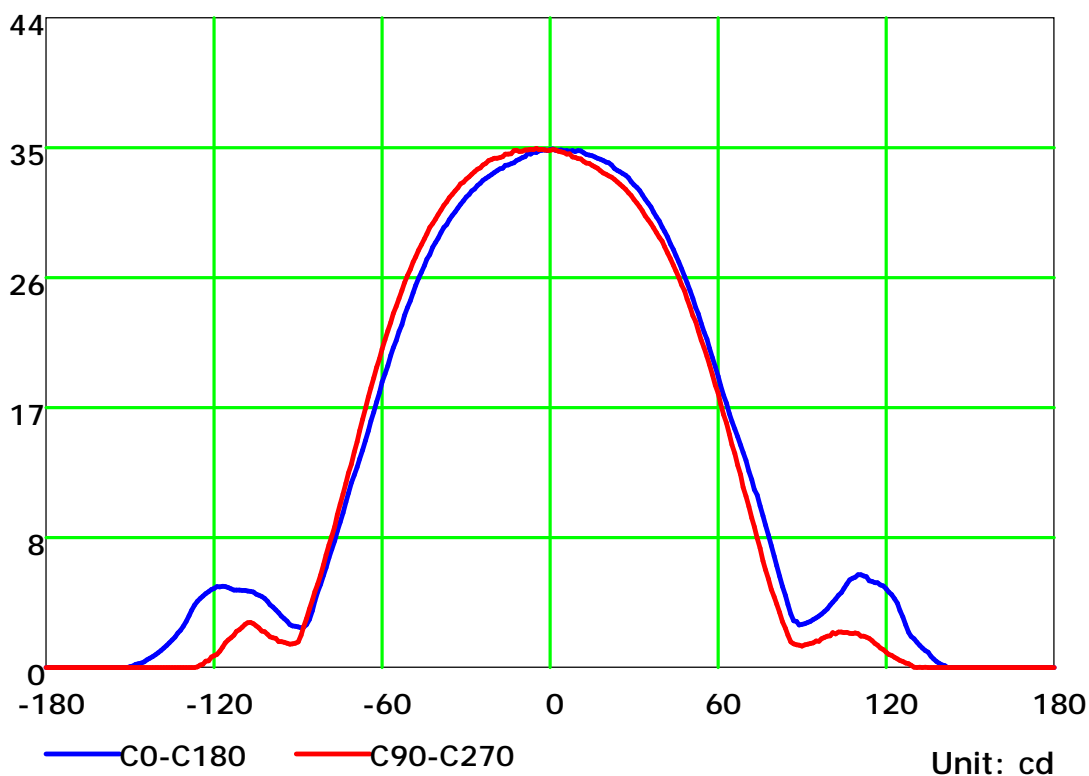
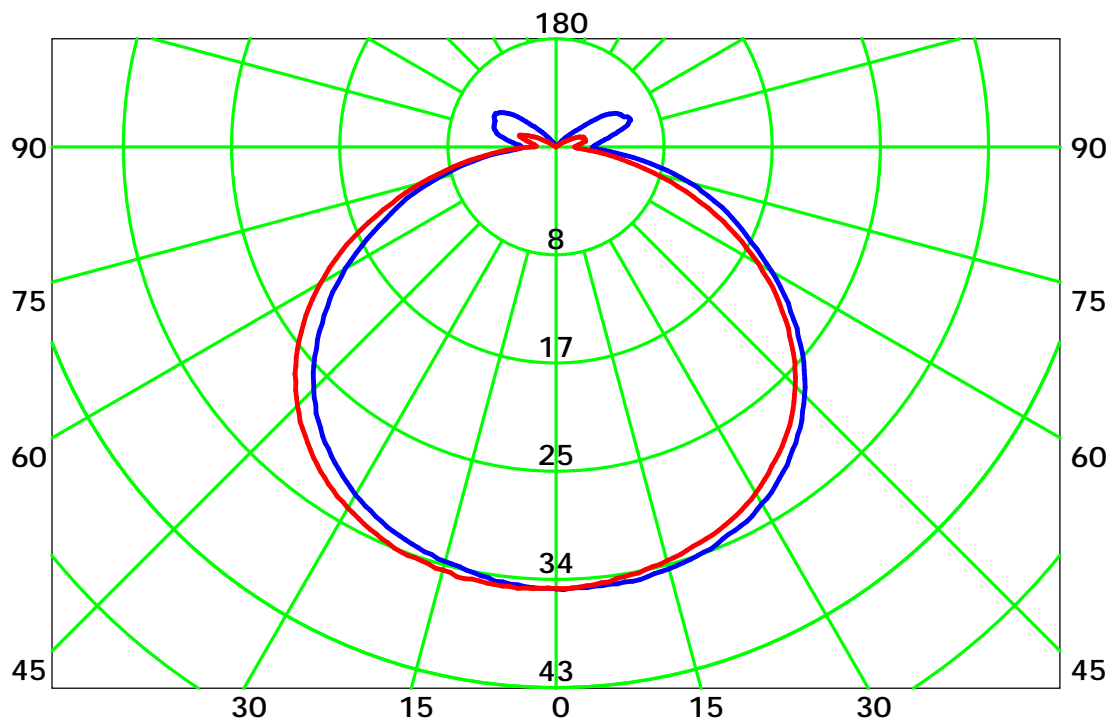
Test Device: GPM-1800B

Distance: 9.390 m

Humidity: 60%

Inspector:

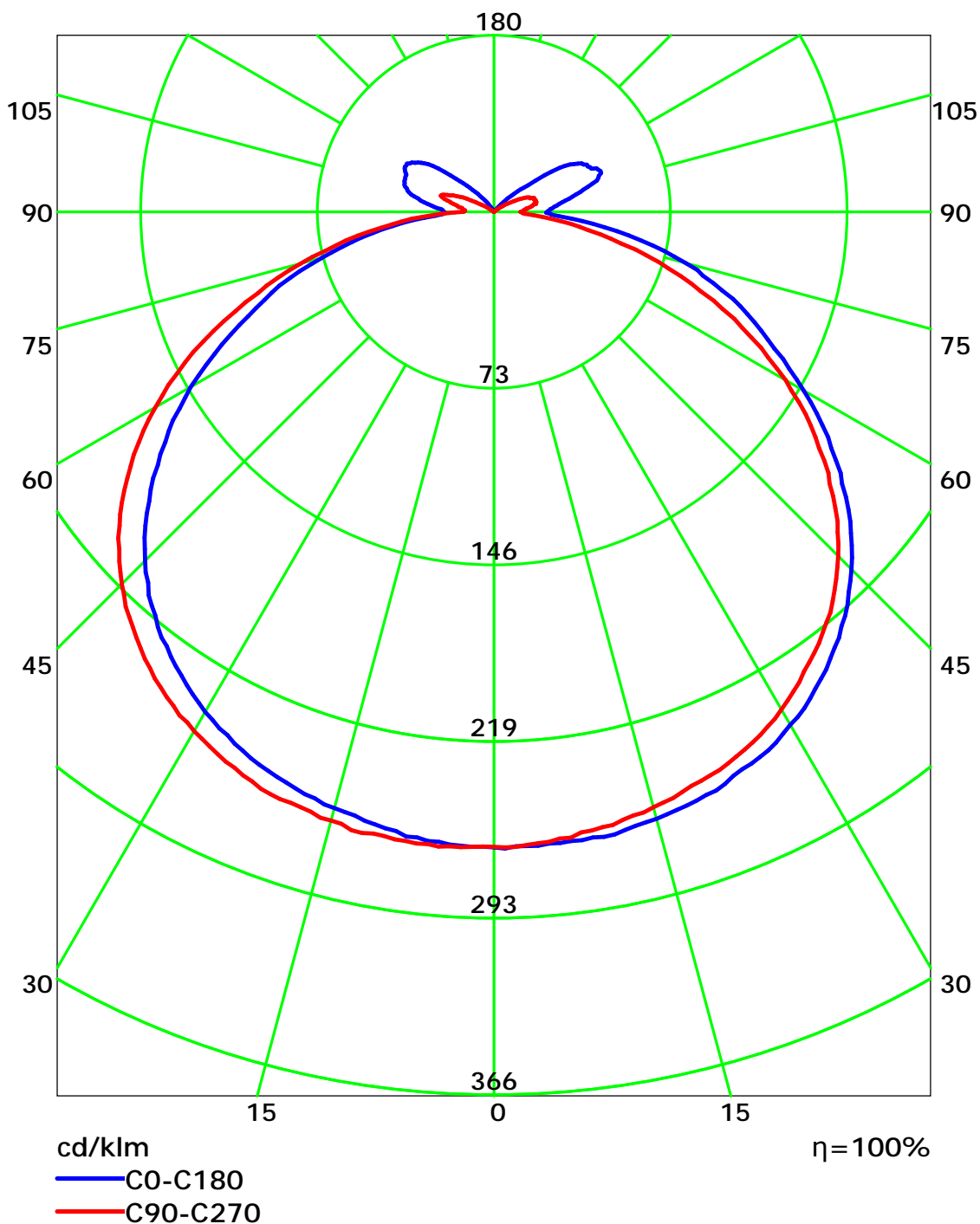
Luminous Intensity Distribution Curve



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: 9.390 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:

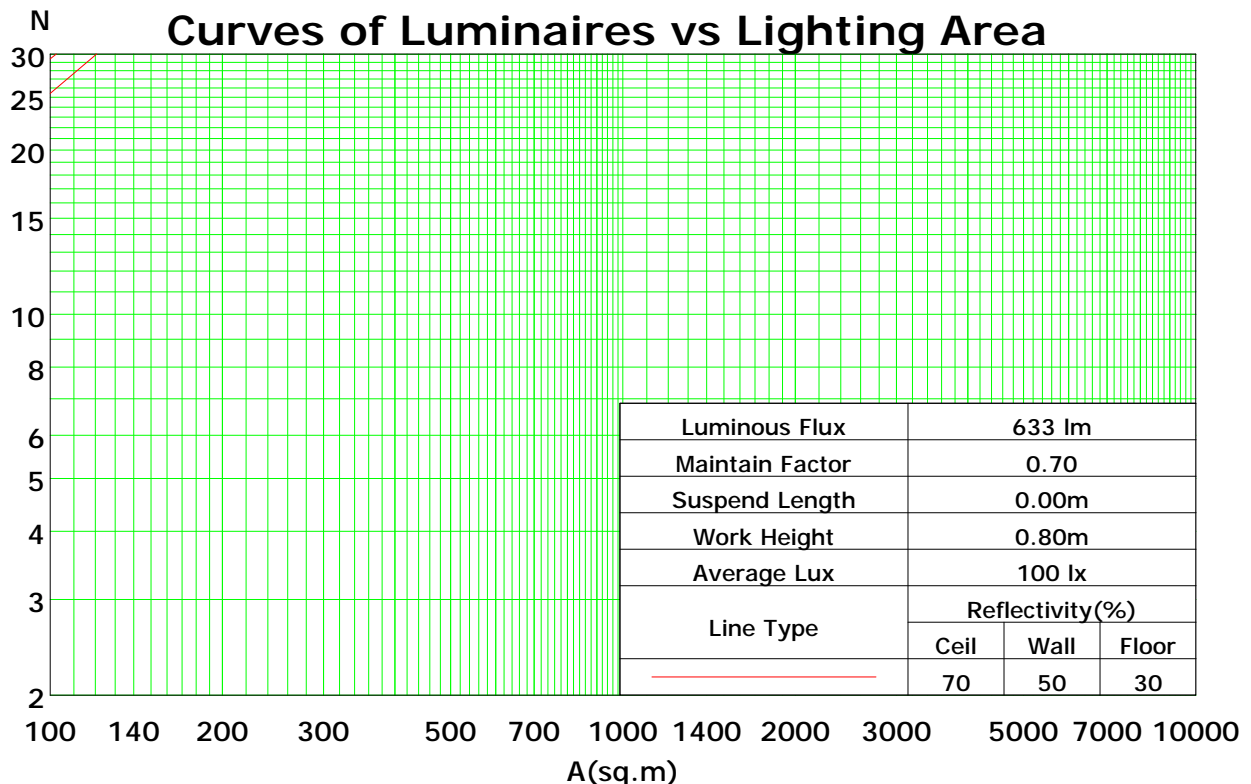
Coefficients Of Utilization - Zonal Cavity Method

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	117	117	117	117	113	113	113	113	106	106	106	99	99	99	93	93	93	90
1	106	100	96	92	102	97	93	89	91	88	85	85	83	80	80	78	76	73
2	95	87	80	73	92	84	77	72	79	73	69	74	70	66	70	66	63	60
3	87	76	67	60	83	73	65	59	69	62	57	65	59	55	61	56	52	50
4	79	67	57	51	76	65	56	50	61	54	48	57	51	46	54	49	44	42
5	72	59	50	43	69	57	49	42	54	47	41	51	45	40	48	43	38	36
6	67	53	44	37	64	51	43	37	49	41	36	46	39	34	44	38	33	31
7	62	48	39	33	59	47	38	32	44	37	31	42	35	30	40	34	29	27
8	57	43	35	29	55	42	34	28	40	33	28	38	32	27	36	31	26	24
9	53	40	31	26	51	39	31	25	37	30	25	35	29	24	33	28	24	22
10	50	37	29	23	48	36	28	23	34	27	22	32	26	22	31	25	21	19

Spacing Criteria (0-180): 1.37

Spacing Criteria (90-270): 1.38

Spacing Criteria (Diagonal): 1.49



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

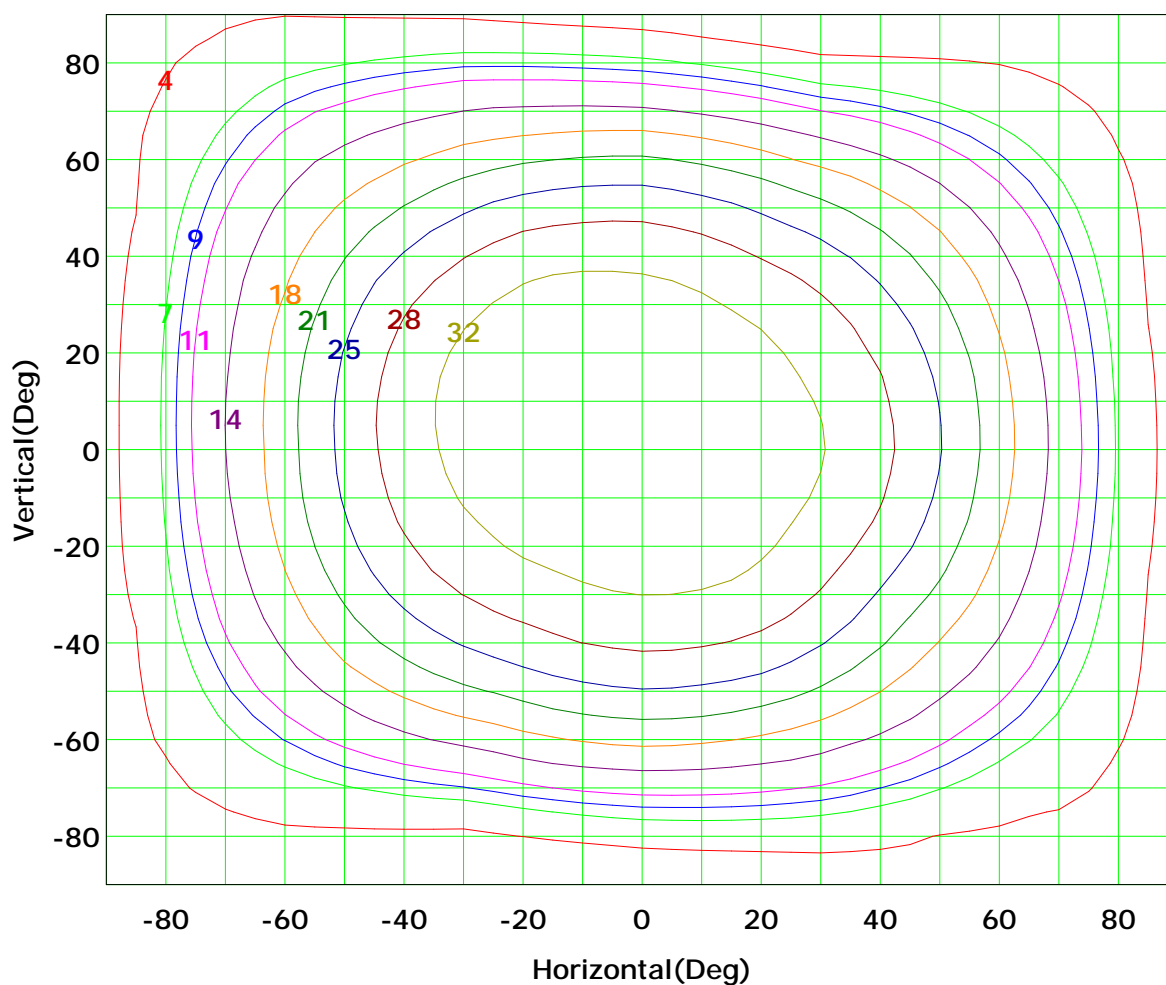
Test Device: GPM-1800B

Distance: 9.390 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



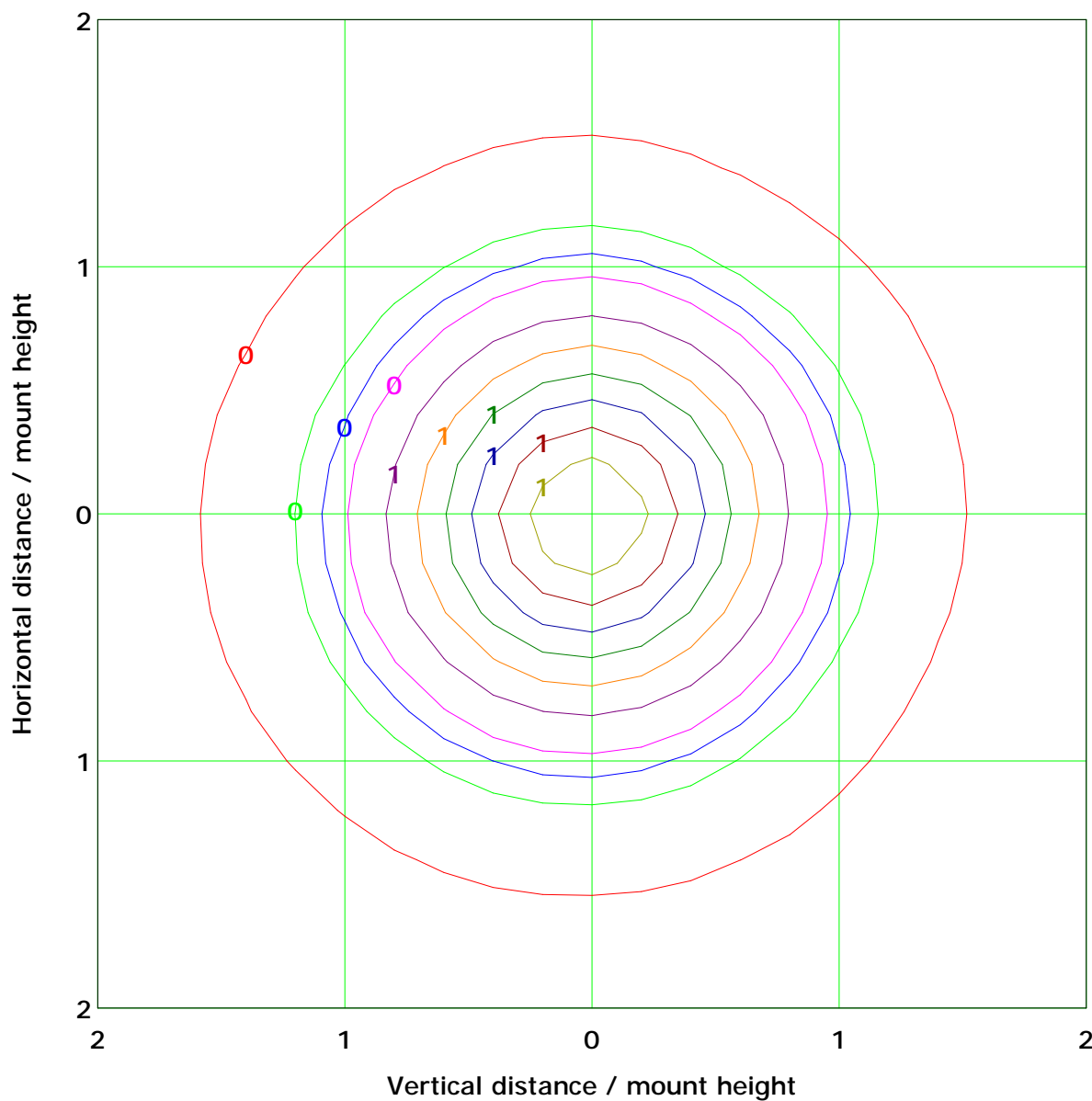
I_{max} (100%): 35 cd

(10%):	4 cd	(20%):	7 cd
(25%):	9 cd	(30%):	11 cd
(40%):	14 cd	(50%):	18 cd
(60%):	21 cd	(70%):	25 cd
(80%):	28 cd	(90%):	32 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%): 1.4 lx

(10%): 0.1 lx	(20%): 0.3 lx
(25%): 0.4 lx	(30%): 0.4 lx
(40%): 0.6 lx	(50%): 0.7 lx
(60%): 0.9 lx	(70%): 1.0 lx
(80%): 1.1 lx	(90%): 1.3 lx

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

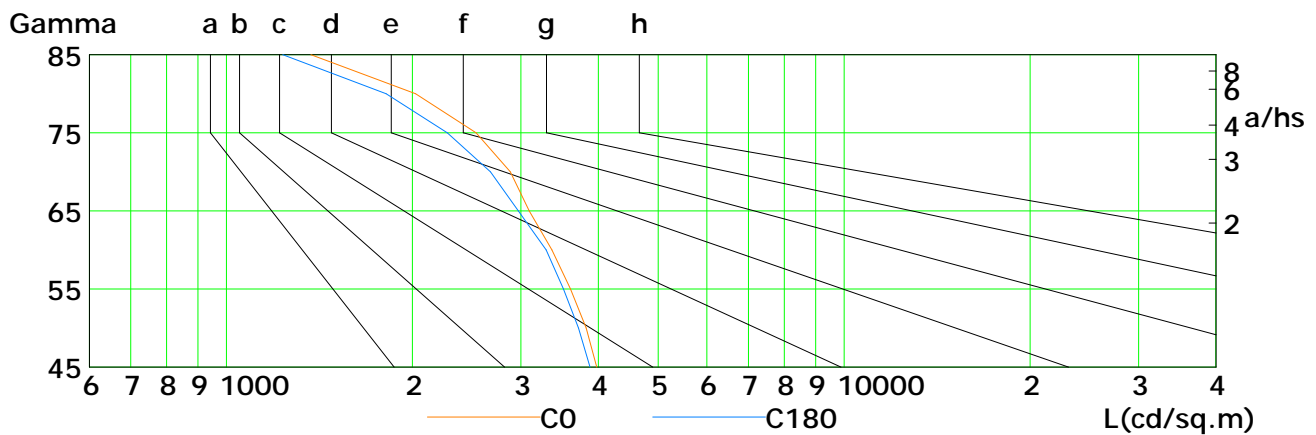
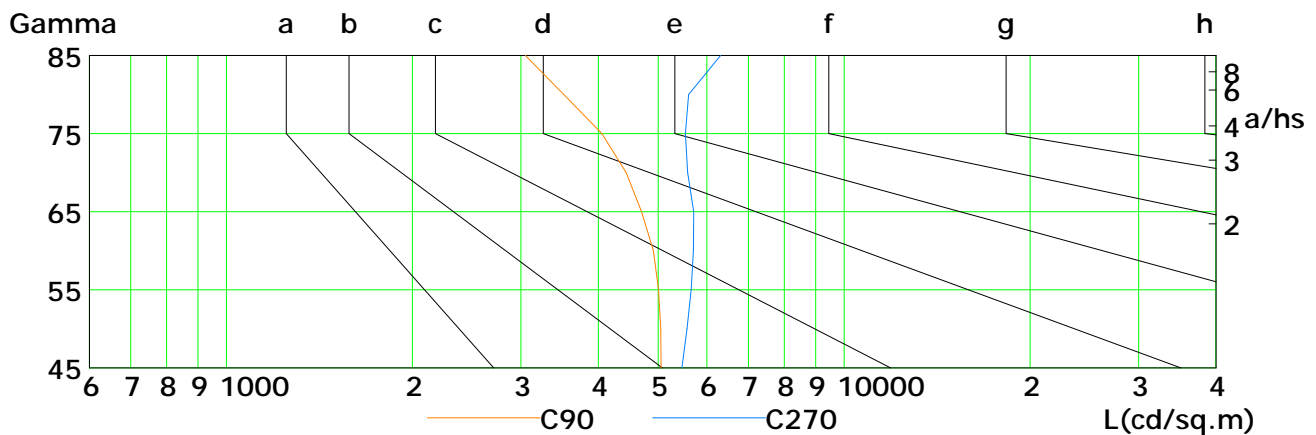
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.390 m
Humidity: 60%
Inspector:



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

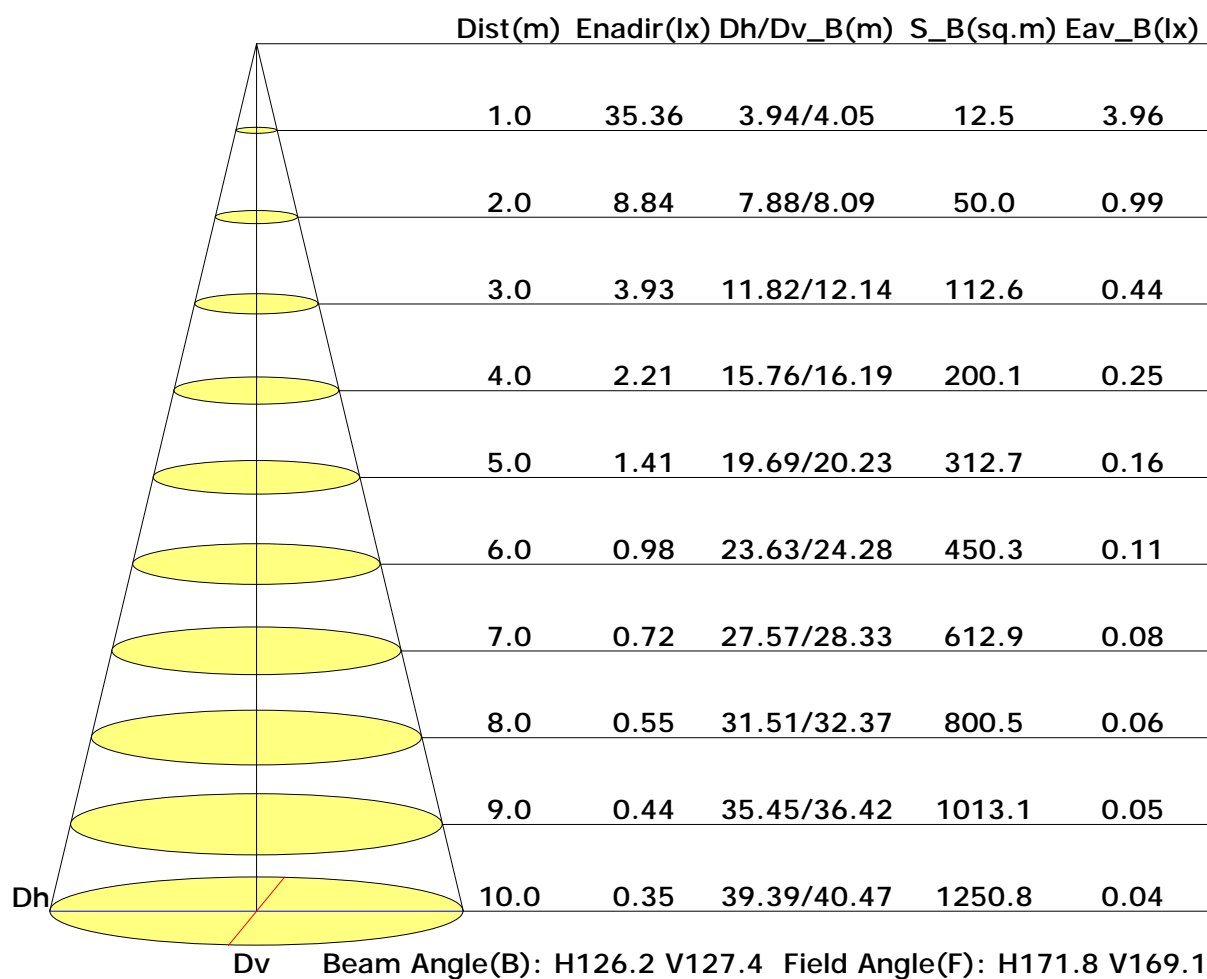


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	3978	3823	3608	3364	3093	2881	2537	2024	1371
C90	5056	5049	5005	4912	4704	4439	4052	3517	3048
C180	3881	3716	3515	3297	2971	2676	2280	1814	1234
C270	5466	5572	5654	5704	5708	5585	5537	5602	6315

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:

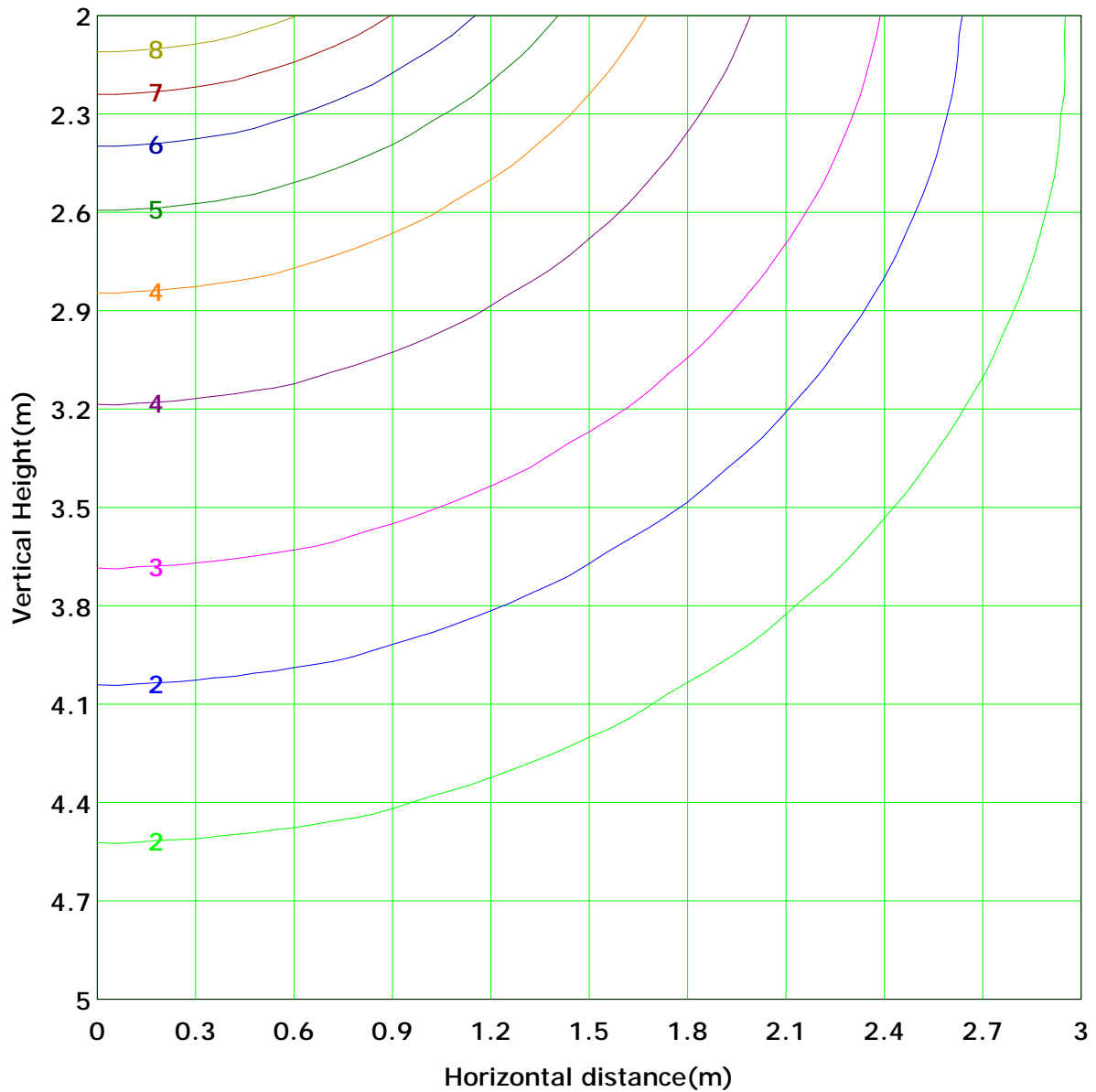
Illuminance at a Distance



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: 8.8 lx
(10%): 0.9 lx	(20%): 1.8 lx	
(25%): 2.2 lx	(30%): 2.7 lx	
(40%): 3.5 lx	(50%): 4.4 lx	
(60%): 5.3 lx	(70%): 6.2 lx	
(80%): 7.1 lx	(90%): 8.0 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

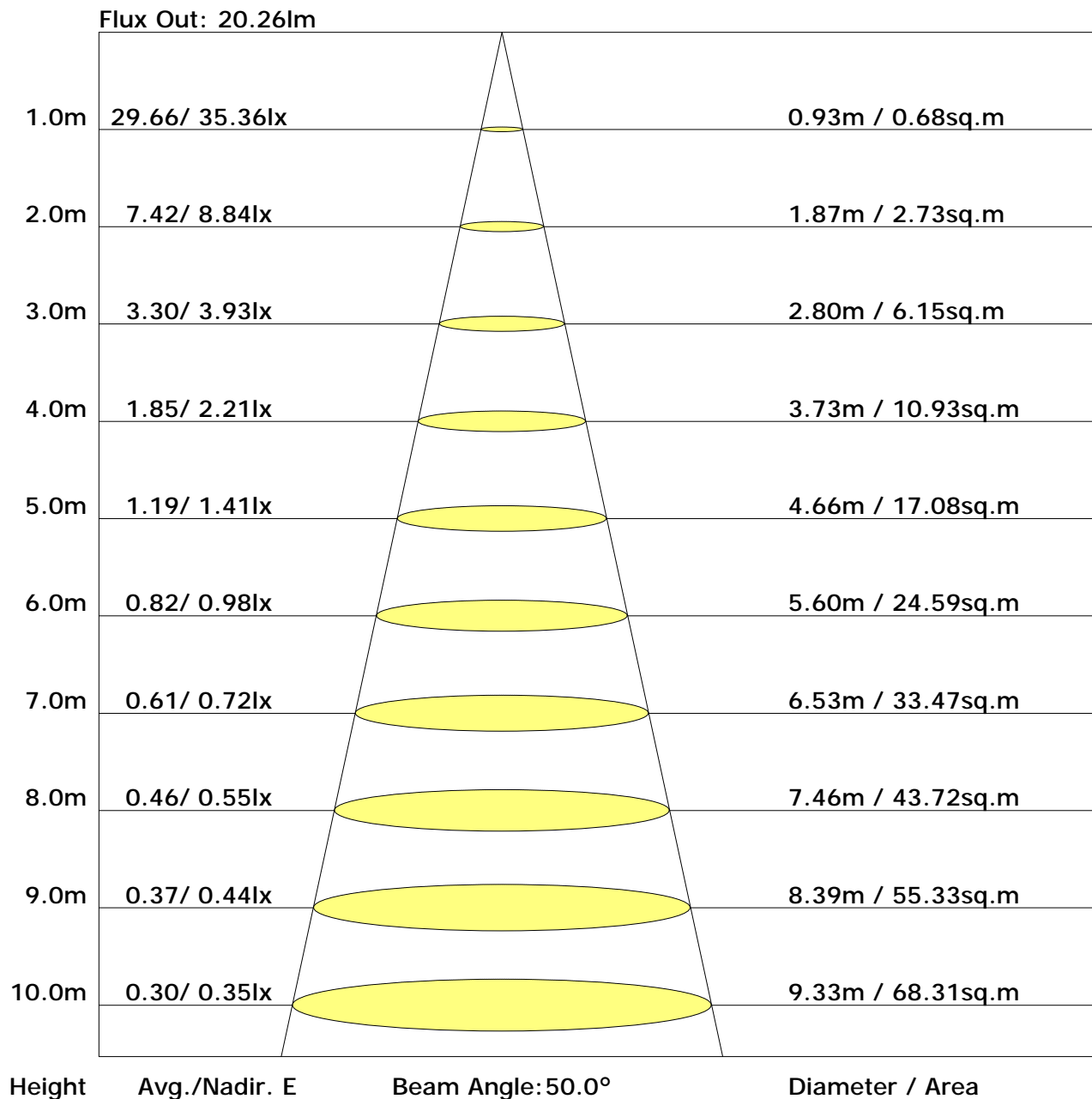
Vertical plane		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
Horizontal plane	-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1
	-80	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	1.0	0.9
	-70	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.1	0.0	0.0	2.4	2.3
	-60	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	4.4	4.3
	-50	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.7	0.7	0.7	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.0	6.6	6.5
	-40	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.8	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	8.8	8.7
	-30	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.9	0.9	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	10.7	10.6
	-20	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	1.0	1.0	1.0	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	12.1	12.1
	-10	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	1.1	1.1	1.1	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	13.0	12.9
	0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	1.1	1.1	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	13.1	13.0
	10	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	1.0	1.0	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	12.4	12.4
	20	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.9	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	11.1	11.1
	30	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.0	9.3	9.3
	40	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.0	8.4	8.4
	50	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.9	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	7.3	7.3
	60	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	1.0	1.0	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	6.6	6.6
	70	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.9	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	5.8	5.8
	80	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.9	0.9	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	5.0	5.0
	90	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	1.0	1.0	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	4.9	4.9
	Flux(T)	0.2	1.0	2.4	4.4	6.6	8.8	10.7	12.1	13.0	13.1	12.4	11.1	9.3	7.1	5.8	4.9	4.0	3.1	2.1	121	
	Flux(E)	0.1	0.9	2.3	4.3	6.5	8.7	10.6	12.1	12.9	13.0	12.4	11.1	9.2	7.0	5.7	4.7	3.7	2.7	1.9		119

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	24.0	25.5	24.5	26.0	26.5	22.6	24.0	23.1	24.5	25.1
3H	26.1	27.4	26.6	28.0	28.5	24.1	25.5	24.6	26.0	26.6
4H	27.0	28.3	27.6	28.8	29.4	24.6	25.9	25.2	26.4	27.0
6H	27.8	29.0	28.4	29.5	30.1	24.9	26.1	25.5	26.6	27.3
8H	28.1	29.2	28.7	29.8	30.4	25.0	26.1	25.6	26.7	27.3
12H	28.4	29.4	28.9	30.0	30.7	25.0	26.1	25.6	26.7	27.3
X=4H Y=2H	24.5	25.8	25.0	26.3	26.9	23.2	24.4	23.7	25.0	25.6
3H	26.8	27.9	27.4	28.5	29.1	24.9	26.0	25.5	26.6	27.2
4H	27.9	28.9	28.5	29.5	30.1	25.5	26.5	26.1	27.1	27.7
6H	28.8	29.7	29.4	30.3	30.9	25.9	26.8	26.5	27.4	28.1
8H	29.2	30.0	29.8	30.6	31.3	26.0	26.8	26.6	27.4	28.1
12H	29.5	30.2	30.1	30.9	31.5	26.1	26.8	26.7	27.4	28.1
X=8H Y=4H	28.1	28.9	28.7	29.5	30.2	25.8	26.6	26.4	27.2	27.9
6H	29.2	29.9	29.8	30.5	31.2	26.3	27.0	26.9	27.6	28.3
8H	29.6	30.2	30.3	30.9	31.6	26.4	27.0	27.1	27.7	28.4
12H	30.1	30.6	30.7	31.2	32.0	26.5	27.1	27.2	27.7	28.5
X=12H Y=4H	28.2	28.9	28.8	29.5	30.2	25.9	26.6	26.5	27.2	27.9
6H	29.2	29.8	29.9	30.5	31.2	26.4	27.0	27.0	27.6	28.4
8H	29.7	30.3	30.4	30.9	31.7	26.5	27.1	27.2	27.7	28.5

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: 9.390 m
 Humidity: 60%
 Inspector:

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 1.50								
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	0.54	0.63	0.70	0.75	0.83	0.88	0.91	0.96	0.99
	0.30		0.46	0.55	0.63	0.68	0.76	0.82	0.86	0.91	0.95
	0.20		0.41	0.49	0.57	0.63	0.71	0.77	0.81	0.88	0.92
0.50	0.50	0.20	0.52	0.59	0.66	0.71	0.78	0.83	0.86	0.90	0.93
	0.30		0.45	0.53	0.60	0.65	0.73	0.78	0.81	0.86	0.90
	0.20		0.40	0.48	0.55	0.60	0.68	0.74	0.78	0.83	0.87
0.30	0.50	0.20	0.49	0.56	0.63	0.67	0.74	0.78	0.81	0.85	0.87
	0.30		0.43	0.51	0.58	0.62	0.69	0.74	0.77	0.82	0.85
	0.20		0.39	0.46	0.53	0.58	0.65	0.71	0.74	0.79	0.83
0.00	0.00	0.00	0.36	0.42	0.49	0.54	0.60	0.65	0.68	0.73	0.76
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 = 1.50									
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	0.98	0.84	0.71	0.62	0.50	0.42	0.36	0.28	0.23	
	0.30		0.82	0.72	0.62	0.55	0.45	0.38	0.33	0.27	0.22	
	0.20		0.70	0.62	0.55	0.49	0.41	0.35	0.31	0.25	0.21	
0.50	0.50	0.20	0.92	0.79	0.67	0.58	0.47	0.42	0.34	0.26	0.22	
	0.30		0.78	0.68	0.59	0.52	0.43	0.36	0.32	0.25	0.21	
	0.20		0.68	0.60	0.53	0.47	0.40	0.34	0.30	0.24	0.20	
0.30	0.50	0.20	0.88	0.74	0.63	0.55	0.44	0.37	0.32	0.25	0.20	
	0.30		0.75	0.65	0.56	0.50	0.41	0.34	0.30	0.24	0.19	
	0.20		0.66	0.58	0.51	0.46	0.38	0.32	0.28	0.22	0.19	
0.00	0.00	0.00	0.54	0.48	0.41	0.36	0.30	0.25	0.22	0.17	0.14	
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 = 1.50								
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	0.26	0.27	0.28	0.29	0.30	0.30	0.30	0.31	0.31
	0.30		0.19	0.21	0.22	0.23	0.25	0.26	0.27	0.28	0.29
	0.20		0.14	0.16	0.17	0.18	0.20	0.22	0.23	0.25	0.26
0.50	0.50	0.20	0.25	0.26	0.27	0.28	0.28	0.29	0.29	0.30	0.30
	0.30		0.19	0.20	0.21	0.22	0.24	0.25	0.26	0.27	0.27
	0.20		0.14	0.16	0.17	0.18	0.20	0.21	0.23	0.24	0.25
0.30	0.50	0.20	0.24	0.25	0.26	0.27	0.27	0.28	0.28	0.28	0.29
	0.30		0.18	0.20	0.21	0.22	0.23	0.24	0.25	0.26	0.26
	0.20		0.14	0.15	0.17	0.18	0.20	0.21	0.22	0.23	0.24
0.00	0.00	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
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	35.3	0.0	0.0	0.03	0.03
1.0-2.0	35.3	0.1	0.1	0.08	0.10
2.0-3.0	35.3	0.2	0.3	0.13	0.23
3.0-4.0	35.3	0.2	0.5	0.18	0.40
4.0-5.0	35.3	0.3	0.8	0.23	0.63
5.0-6.0	35.3	0.4	1.2	0.28	0.91
6.0-7.0	35.2	0.4	1.7	0.33	1.23
7.0-8.0	35.2	0.5	2.2	0.38	1.61
8.0-9.0	35.1	0.6	2.7	0.42	2.03
9.0-10.0	35.1	0.6	3.4	0.47	2.51
10.0-11.0	35.0	0.7	4.1	0.52	3.03
11.0-12.0	34.9	0.8	4.8	0.57	3.60
12.0-13.0	34.9	0.8	5.7	0.62	4.22
13.0-14.0	34.8	0.9	6.5	0.66	4.88
14.0-15.0	34.7	1.0	7.5	0.71	5.59
15.0-16.0	34.6	1.0	8.5	0.76	6.35
16.0-17.0	34.5	1.1	9.6	0.80	7.15
17.0-18.0	34.4	1.1	10.7	0.85	7.99
18.0-19.0	34.3	1.2	11.9	0.89	8.89
19.0-20.0	34.2	1.3	13.2	0.93	9.82
20.0-21.0	34.1	1.3	14.5	0.98	10.80
21.0-22.0	34.0	1.4	15.8	1.02	11.82
22.0-23.0	33.9	1.4	17.3	1.06	12.88
23.0-24.0	33.7	1.5	18.7	1.10	13.98
24.0-25.0	33.6	1.5	20.3	1.14	15.11
25.0-26.0	33.4	1.6	21.8	1.18	16.29
26.0-27.0	33.2	1.6	23.5	1.21	17.50
27.0-28.0	33.1	1.7	25.1	1.25	18.75
28.0-29.0	32.9	1.7	26.9	1.28	20.03
29.0-30.0	32.6	1.8	28.6	1.32	21.35
30.0-31.0	32.4	1.8	30.4	1.35	22.70
31.0-32.0	32.2	1.8	32.3	1.38	24.07
32.0-33.0	32.0	1.9	34.2	1.41	25.48
33.0-34.0	31.7	1.9	36.1	1.43	26.91
34.0-35.0	31.4	2.0	38.0	1.46	28.37
35.0-36.0	31.2	2.0	40.0	1.48	29.85

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 [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	30.9	2.0	42.0	1.50	31.35
37.0-38.0	30.6	2.0	44.1	1.52	32.87
38.0-39.0	30.2	2.1	46.1	1.54	34.41
39.0-40.0	29.9	2.1	48.2	1.56	35.97
40.0-41.0	29.5	2.1	50.3	1.57	37.54
41.0-42.0	29.2	2.1	52.4	1.58	39.12
42.0-43.0	28.8	2.1	54.6	1.59	40.71
43.0-44.0	28.4	2.1	56.7	1.60	42.31
44.0-45.0	28.0	2.2	58.9	1.61	43.91
45.0-46.0	27.6	2.2	61.0	1.61	45.52
46.0-47.0	27.1	2.2	63.2	1.61	47.13
47.0-48.0	26.7	2.2	65.3	1.61	48.74
48.0-49.0	26.2	2.2	67.5	1.61	50.35
49.0-50.0	25.7	2.1	69.6	1.60	51.94
50.0-51.0	25.2	2.1	71.8	1.59	53.53
51.0-52.0	24.7	2.1	73.9	1.58	55.11
52.0-53.0	24.2	2.1	76.0	1.57	56.68
53.0-54.0	23.6	2.1	78.1	1.55	58.23
54.0-55.0	23.0	2.1	80.1	1.53	59.77
55.0-56.0	22.5	2.0	82.1	1.51	61.28
56.0-57.0	21.9	2.0	84.2	1.49	62.77
57.0-58.0	21.3	2.0	86.1	1.47	64.24
58.0-59.0	20.7	1.9	88.1	1.44	65.68
59.0-60.0	20.1	1.9	89.9	1.41	67.10
60.0-61.0	19.4	1.9	91.8	1.38	68.48
61.0-62.0	18.7	1.8	93.6	1.35	69.83
62.0-63.0	18.1	1.8	95.4	1.31	71.14
63.0-64.0	17.4	1.7	97.1	1.28	72.41
64.0-65.0	16.8	1.7	98.7	1.24	73.65
65.0-66.0	16.1	1.6	100.3	1.20	74.85
66.0-67.0	15.5	1.6	101.9	1.16	76.02
67.0-68.0	14.9	1.5	103.4	1.12	77.14
68.0-69.0	14.2	1.5	104.9	1.08	78.22
69.0-70.0	13.6	1.4	106.3	1.04	79.26
70.0-71.0	12.9	1.3	107.6	0.99	80.26
71.0-72.0	12.2	1.3	108.9	0.95	81.21

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: 9.390 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	11.5	1.2	110.1	0.90	82.11
73.0-74.0	10.9	1.1	111.2	0.85	82.96
74.0-75.0	10.2	1.1	112.3	0.80	83.76
75.0-76.0	9.5	1.0	113.3	0.75	84.52
76.0-77.0	8.8	0.9	114.2	0.70	85.22
77.0-78.0	8.2	0.9	115.1	0.65	85.87
78.0-79.0	7.5	0.8	115.9	0.60	86.47
79.0-80.0	6.8	0.7	116.7	0.55	87.02
80.0-81.0	6.2	0.7	117.3	0.50	87.52
81.0-82.0	5.5	0.6	117.9	0.45	87.97
82.0-83.0	4.9	0.5	118.5	0.40	88.37
83.0-84.0	4.3	0.5	118.9	0.35	88.72
84.0-85.0	3.8	0.4	119.3	0.31	89.03
85.0-86.0	3.3	0.4	119.7	0.27	89.30
86.0-87.0	2.8	0.3	120.0	0.23	89.53
87.0-88.0	2.5	0.3	120.3	0.20	89.73
88.0-89.0	2.2	0.2	120.5	0.18	89.92
89.0-90.0	2.1	0.2	120.8	0.17	90.09
90.0-91.0	2.1	0.2	121.0	0.17	90.26
91.0-92.0	2.1	0.2	121.2	0.17	90.43
92.0-93.0	2.2	0.2	121.5	0.18	90.61
93.0-94.0	2.2	0.2	121.7	0.18	90.79
94.0-95.0	2.3	0.3	122.0	0.19	90.98
95.0-96.0	2.4	0.3	122.2	0.20	91.18
96.0-97.0	2.5	0.3	122.5	0.21	91.39
97.0-98.0	2.7	0.3	122.8	0.22	91.60
98.0-99.0	2.8	0.3	123.1	0.23	91.83
99.0-100.0	2.9	0.3	123.4	0.24	92.07
100.0-101.0	3.1	0.3	123.8	0.25	92.31
101.0-102.0	3.2	0.3	124.1	0.26	92.57
102.0-103.0	3.3	0.4	124.5	0.27	92.84
103.0-104.0	3.4	0.4	124.8	0.27	93.11
104.0-105.0	3.5	0.4	125.2	0.28	93.39
105.0-106.0	3.6	0.4	125.6	0.29	93.68
106.0-107.0	3.7	0.4	126.0	0.29	93.97
107.0-108.0	3.8	0.4	126.4	0.30	94.27

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 [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	3.9	0.4	126.8	0.30	94.57
109.0-110.0	3.9	0.4	127.2	0.30	94.87
110.0-111.0	3.9	0.4	127.6	0.30	95.17
111.0-112.0	3.9	0.4	128.0	0.30	95.46
112.0-113.0	3.9	0.4	128.4	0.29	95.75
113.0-114.0	3.8	0.4	128.7	0.29	96.04
114.0-115.0	3.8	0.4	129.1	0.28	96.32
115.0-116.0	3.7	0.4	129.5	0.27	96.59
116.0-117.0	3.6	0.4	129.8	0.26	96.85
117.0-118.0	3.5	0.3	130.2	0.26	97.11
118.0-119.0	3.4	0.3	130.5	0.25	97.36
119.0-120.0	3.4	0.3	130.8	0.24	97.60
120.0-121.0	3.2	0.3	131.1	0.23	97.83
121.0-122.0	3.1	0.3	131.4	0.22	98.04
122.0-123.0	3.0	0.3	131.7	0.21	98.25
123.0-124.0	2.9	0.3	132.0	0.20	98.45
124.0-125.0	2.8	0.2	132.2	0.19	98.64
125.0-126.0	2.6	0.2	132.5	0.17	98.81
126.0-127.0	2.4	0.2	132.7	0.16	98.97
127.0-128.0	2.2	0.2	132.9	0.14	99.11
128.0-129.0	2.0	0.2	133.0	0.13	99.24
129.0-130.0	1.8	0.1	133.2	0.11	99.35
130.0-131.0	1.6	0.1	133.3	0.10	99.45
131.0-132.0	1.4	0.1	133.4	0.09	99.53
132.0-133.0	1.2	0.1	133.5	0.07	99.61
133.0-134.0	1.1	0.1	133.6	0.07	99.67
134.0-135.0	1.0	0.1	133.7	0.06	99.73
135.0-136.0	0.9	0.1	133.8	0.05	99.78
136.0-137.0	0.8	0.1	133.8	0.04	99.82
137.0-138.0	0.7	0.0	133.9	0.04	99.86
138.0-139.0	0.6	0.0	133.9	0.03	99.89
139.0-140.0	0.5	0.0	133.9	0.03	99.91
140.0-141.0	0.4	0.0	134.0	0.02	99.94
141.0-142.0	0.3	0.0	134.0	0.02	99.95
142.0-143.0	0.3	0.0	134.0	0.01	99.97
143.0-144.0	0.2	0.0	134.0	0.01	99.98

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 [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	0.2	0.0	134.0	0.01	99.98
145.0-146.0	0.1	0.0	134.0	0.01	99.99
146.0-147.0	0.1	0.0	134.0	0.00	99.99
147.0-148.0	0.1	0.0	134.1	0.00	100.00
148.0-149.0	0.0	0.0	134.1	0.00	100.00
149.0-150.0	0.0	0.0	134.1	0.00	100.00
150.0-151.0	0.0	0.0	134.1	0.00	100.00
151.0-152.0	0.0	0.0	134.1	0.00	100.00
152.0-153.0	0.0	0.0	134.1	0.00	100.00
153.0-154.0	0.0	0.0	134.1	0.00	100.00
154.0-155.0	0.0	0.0	134.1	0.00	100.00
155.0-156.0	0.0	0.0	134.1	0.00	100.00
156.0-157.0	0.0	0.0	134.1	0.00	100.00
157.0-158.0	0.0	0.0	134.1	0.00	100.00
158.0-159.0	0.0	0.0	134.1	0.00	100.00
159.0-160.0	0.0	0.0	134.1	0.00	100.00
160.0-161.0	0.0	0.0	134.1	0.00	100.00
161.0-162.0	0.0	0.0	134.1	0.00	100.00
162.0-163.0	0.0	0.0	134.1	0.00	100.00
163.0-164.0	0.0	0.0	134.1	0.00	100.00
164.0-165.0	0.0	0.0	134.1	0.00	100.00
165.0-166.0	0.0	0.0	134.1	0.00	100.00
166.0-167.0	0.0	0.0	134.1	0.00	100.00
167.0-168.0	0.0	0.0	134.1	0.00	100.00
168.0-169.0	0.0	0.0	134.1	0.00	100.00
169.0-170.0	0.0	0.0	134.1	0.00	100.00
170.0-171.0	0.0	0.0	134.1	0.00	100.00
171.0-172.0	0.0	0.0	134.1	0.00	100.00
172.0-173.0	0.0	0.0	134.1	0.00	100.00
173.0-174.0	0.0	0.0	134.1	0.00	100.00
174.0-175.0	0.0	0.0	134.1	0.00	100.00
175.0-176.0	0.0	0.0	134.1	0.00	100.00
176.0-177.0	0.0	0.0	134.1	0.00	100.00
177.0-178.0	0.0	0.0	134.1	0.00	100.00
178.0-179.0	0.0	0.0	134.1	0.00	100.00
179.0-180.0	0.0	0.0	134.1	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: