

Report No.:

Test Time: 2023/2/21 11:23

Luminaire Property

Luminaire Manufacturer: ACOLYTE

Luminaire Category: WALL WASHER

Luminaire Description: FORTEACNS12RGBW4025-GREEN ON

Luminous Length (mm): 330

Luminous Width (mm): 96

Luminous Height (mm): 162.5

Voltage: 219.3 V

Current: 0.101 A

Power: 9.04 W

Power Factor: 0.406

Photometric Results

CIE Class: Direct

Measurement Flux: 518.5 lm

Downward Ratio: 97%

Horizontal Diffuse Angle(10%,50%): H63.6,H27.3

Vertical Diffuse Angle(10%,50%): V61.6,V26.9

Luminaire Efficacy Rating (LER): 57

Max. Intensity: 1318.69 cd

Total Rated Lamp Lumens: 518.5 lm

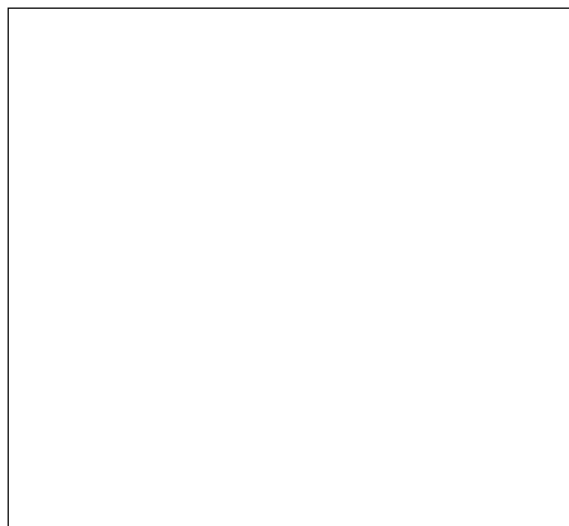
Efficiency: 100%

Upward Ratio: 3%

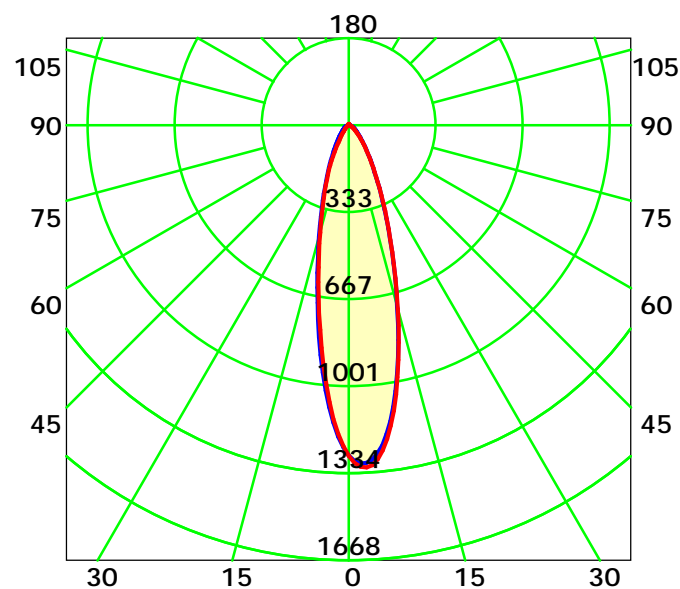
Central Intensity: 1266.53 cd

Pos of Max. Intensity: H60 V3

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 27.1° 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

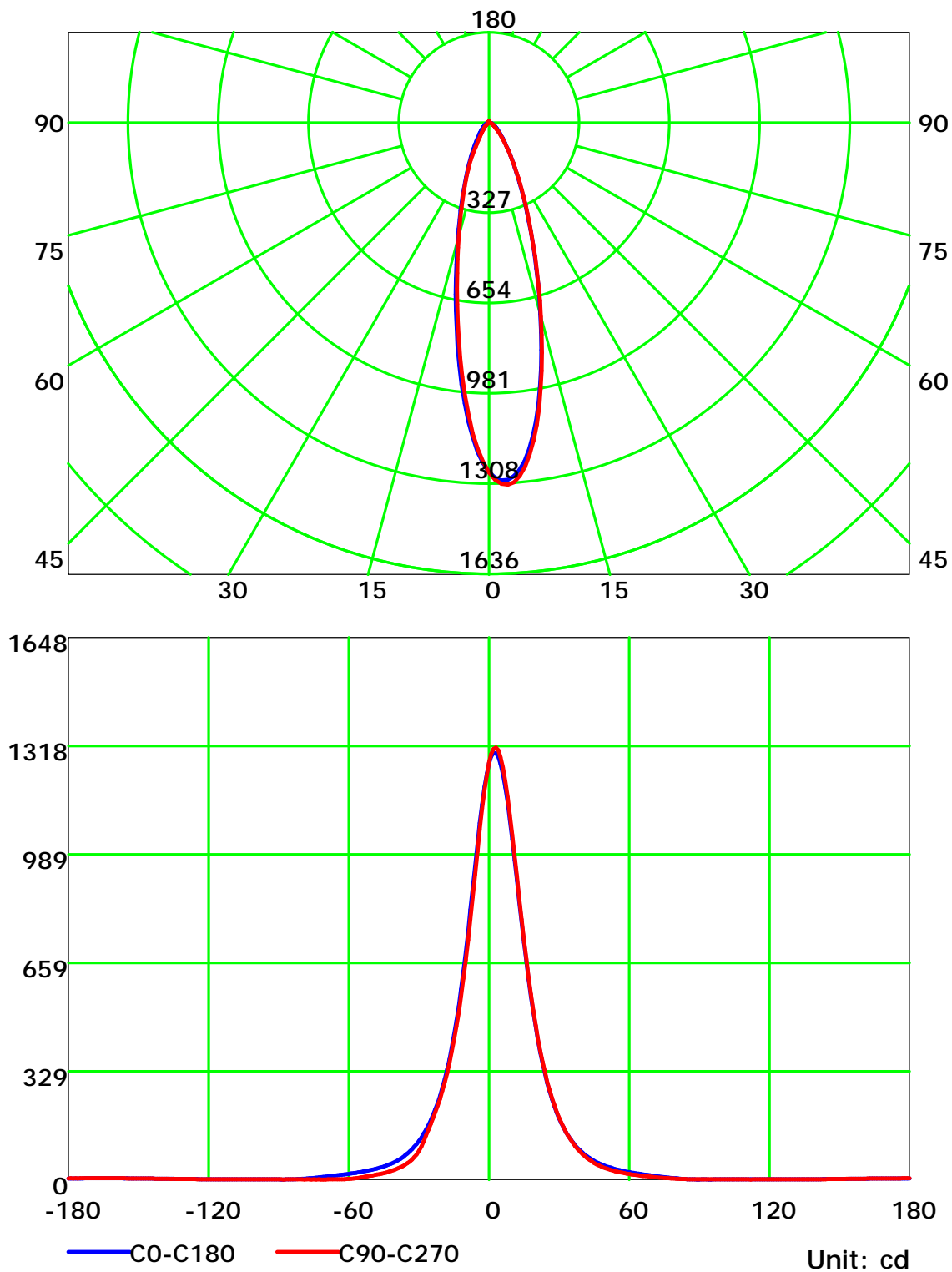
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

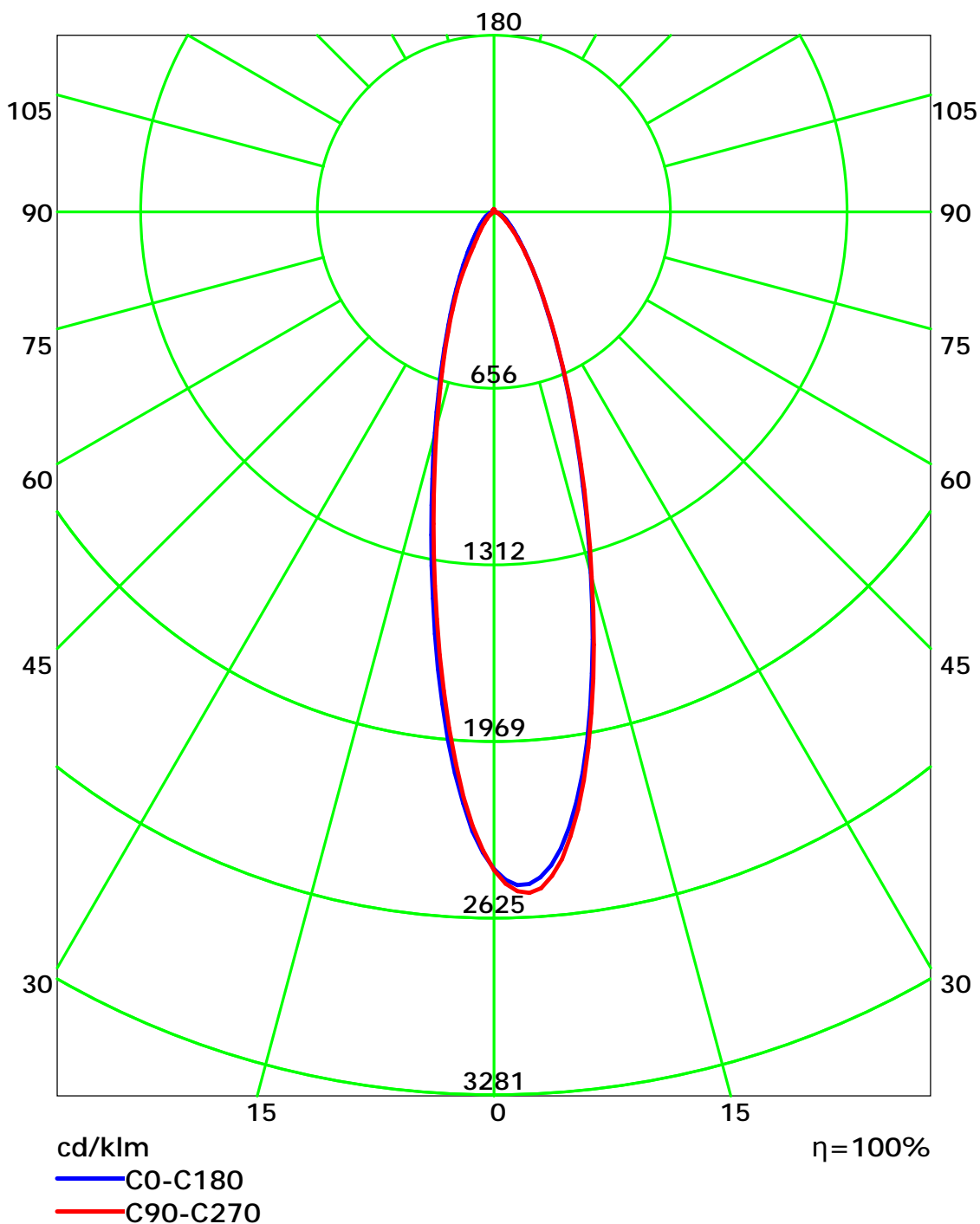
Luminous Intensity Distribution Curve



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)



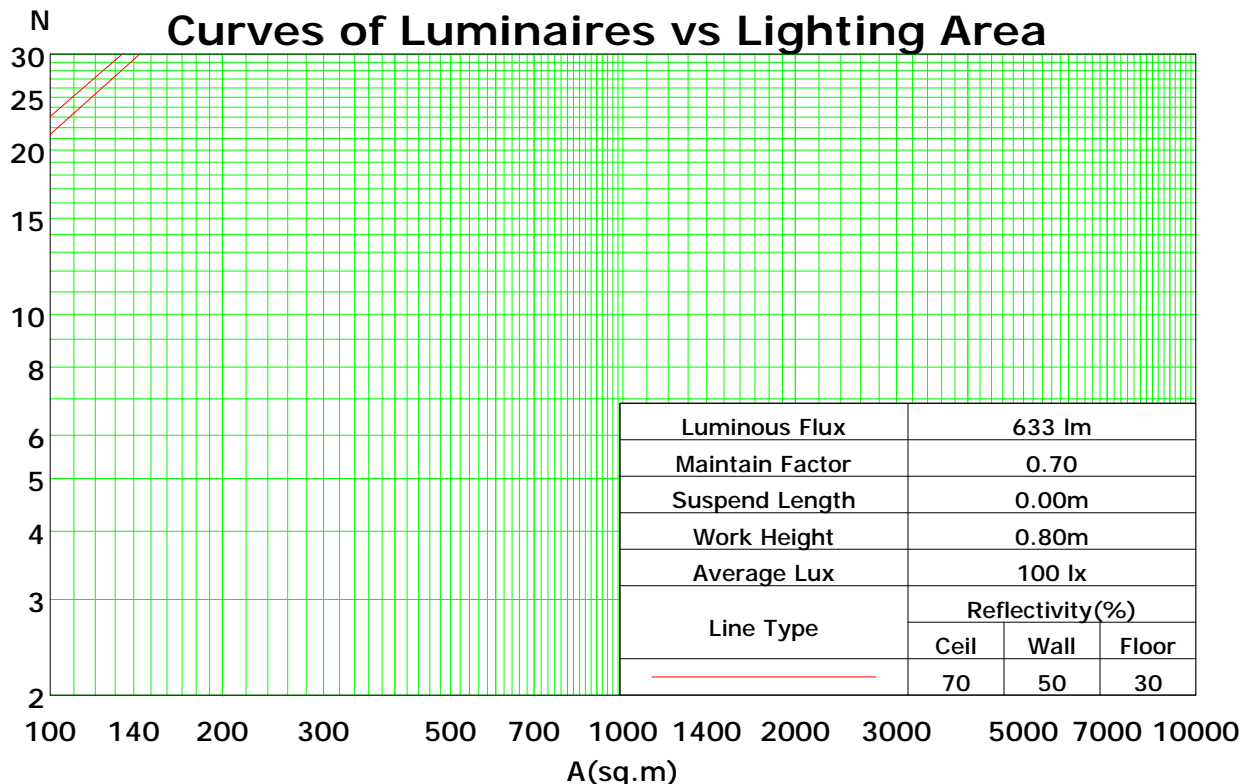
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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	118	118	118	118	115	115	115	115	109	109	109	104	104	104	99	99	99	97
1	112	110	107	105	110	107	105	103	103	101	99	98	97	96	94	93	92	90
2	107	102	98	94	104	100	96	93	96	93	90	93	90	88	90	88	86	84
3	102	95	90	86	99	93	89	85	90	87	83	88	84	82	85	82	80	78
4	97	89	84	79	95	88	83	79	85	81	78	83	79	76	81	78	75	74
5	92	84	78	74	90	83	78	74	81	76	73	79	75	72	77	74	71	69
6	88	79	74	69	86	78	73	69	77	72	68	75	71	68	73	70	67	66
7	84	75	70	65	83	74	69	65	73	68	65	72	67	64	70	66	64	62
8	81	72	66	62	79	71	66	62	70	65	61	68	64	61	67	63	61	59
9	77	68	63	59	76	68	62	59	67	62	58	66	61	58	65	61	58	56
10	74	65	60	56	73	65	60	56	64	59	56	63	59	56	62	58	55	54

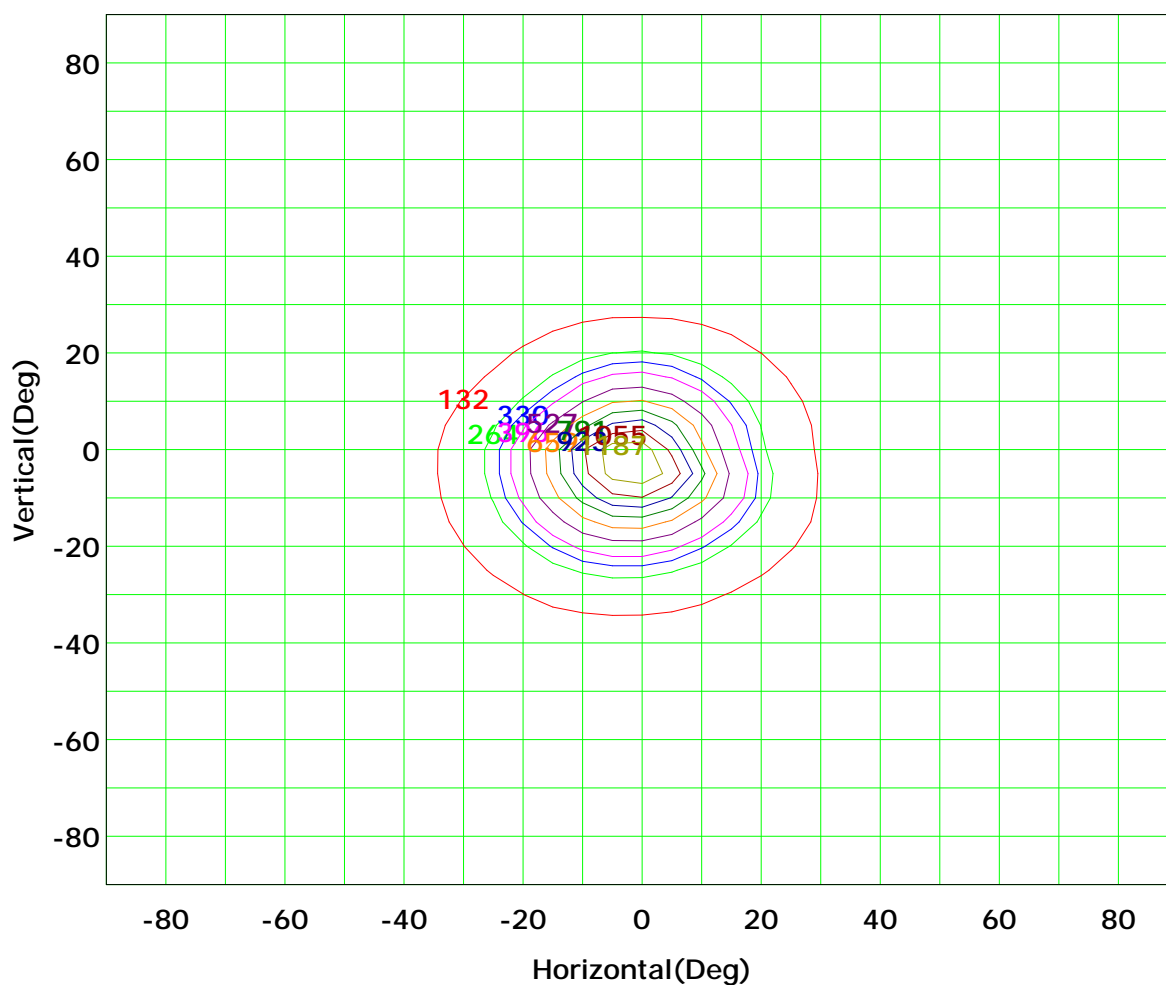
Spacing Criteria (0-180): 0.46
Spacing Criteria (90-270): 0.46
Spacing Criteria (Diagonal): 0.51



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)



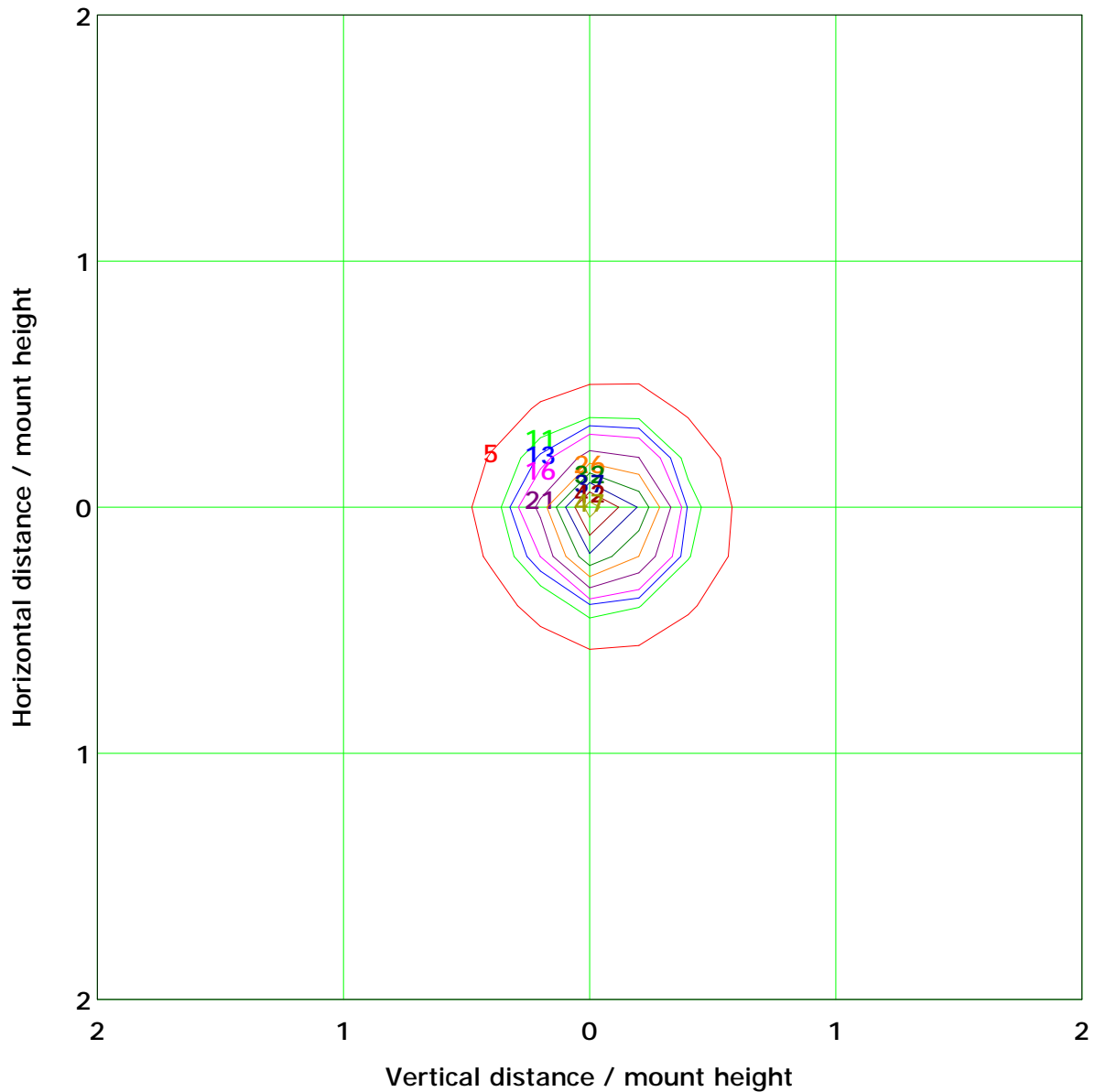
Imax (100%): 1319 cd

(10%): 132 cd	(20%): 264 cd
(25%): 330 cd	(30%): 396 cd
(40%): 527 cd	(50%): 659 cd
(60%): 791 cd	(70%): 923 cd
(80%): 1055 cd	(90%): 1187 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%): 52.5 lx	
(10%): 5.3 lx	(20%): 10.5 lx
(25%): 13.1 lx	(30%): 15.8 lx
(40%): 21.0 lx	(50%): 26.3 lx
(60%): 31.5 lx	(70%): 36.8 lx
(80%): 42.0 lx	(90%): 47.3 lx

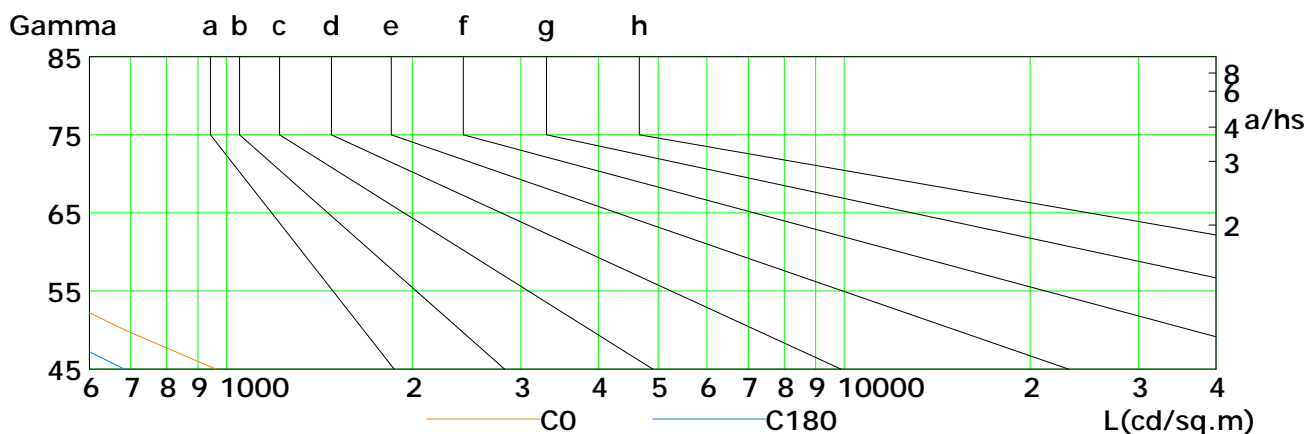
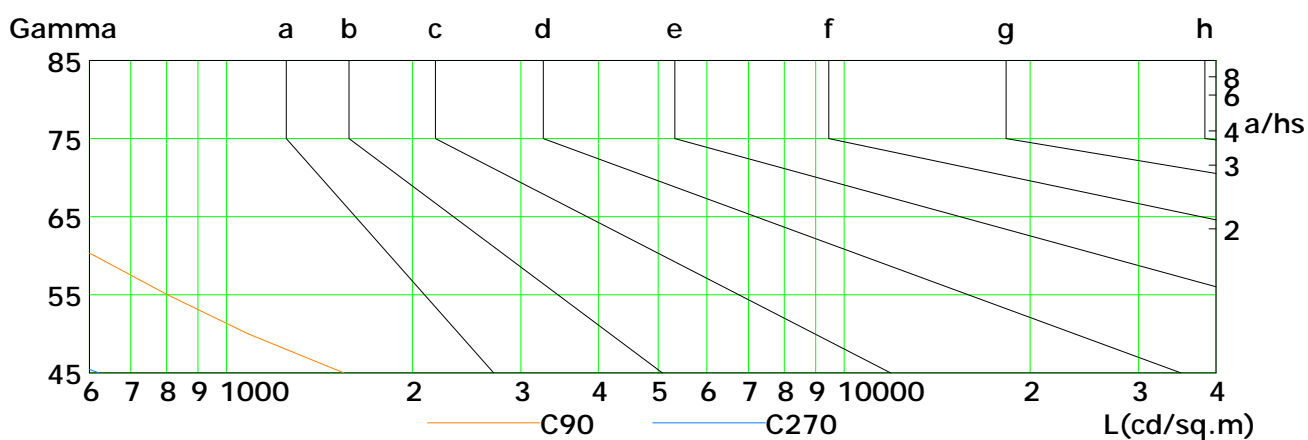
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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

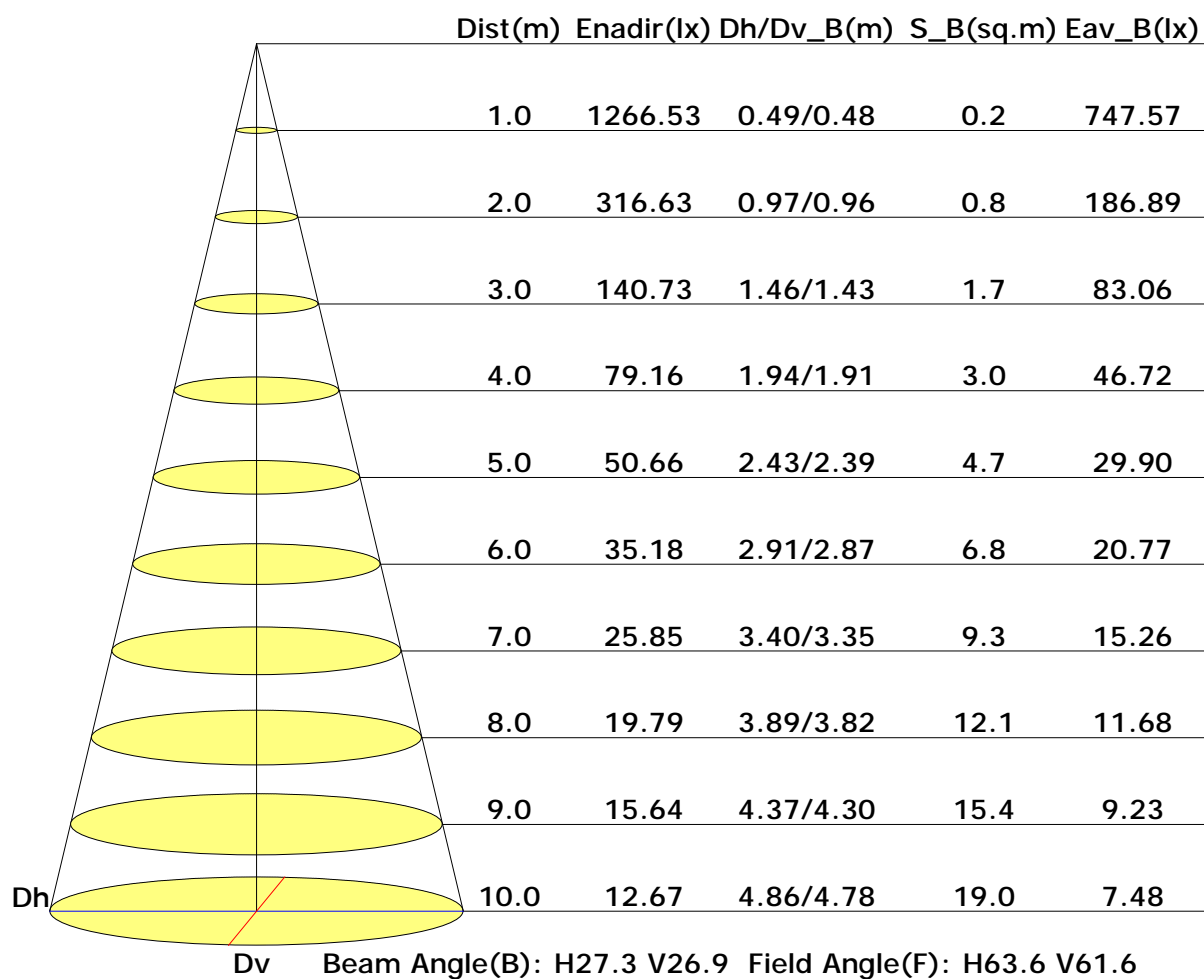


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	961	686	509	384	289	212	144	84	43
C90	1550	1086	804	612	471	360	269	191	133
C180	683	509	390	298	225	161	104	59	32
C270	621	425	245	112	70	62	72	81	95

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:

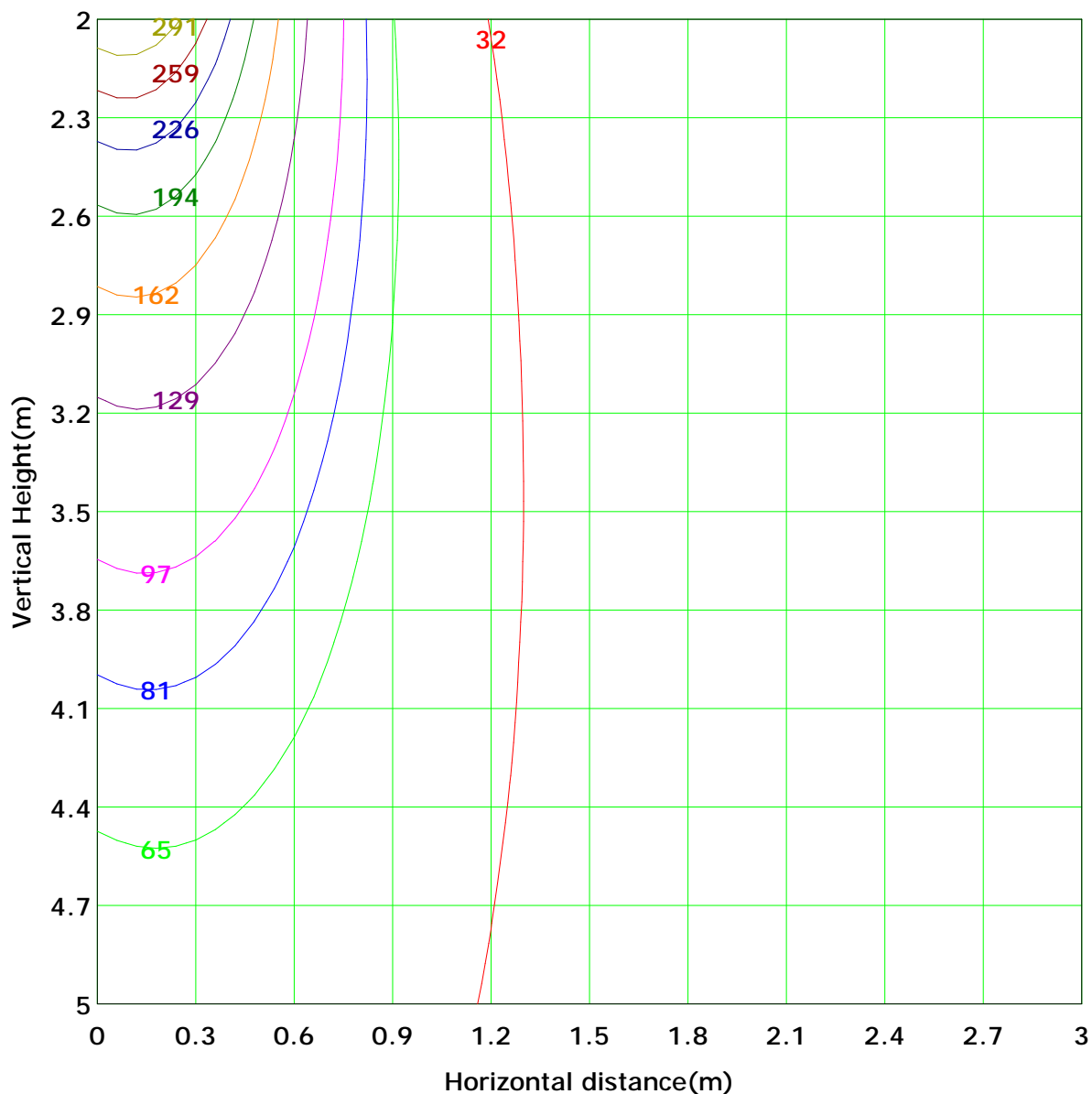
Illuminance at a Distance



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: 323.5 lx
(10%): 32.3 lx	(20%): 64.7 lx	
(25%): 80.9 lx	(30%): 97.0 lx	
(40%): 129.4 lx	(50%): 161.7 lx	
(60%): 194.1 lx	(70%): 226.4 lx	
(80%): 258.8 lx	(90%): 291.1 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:

Area Flux Table

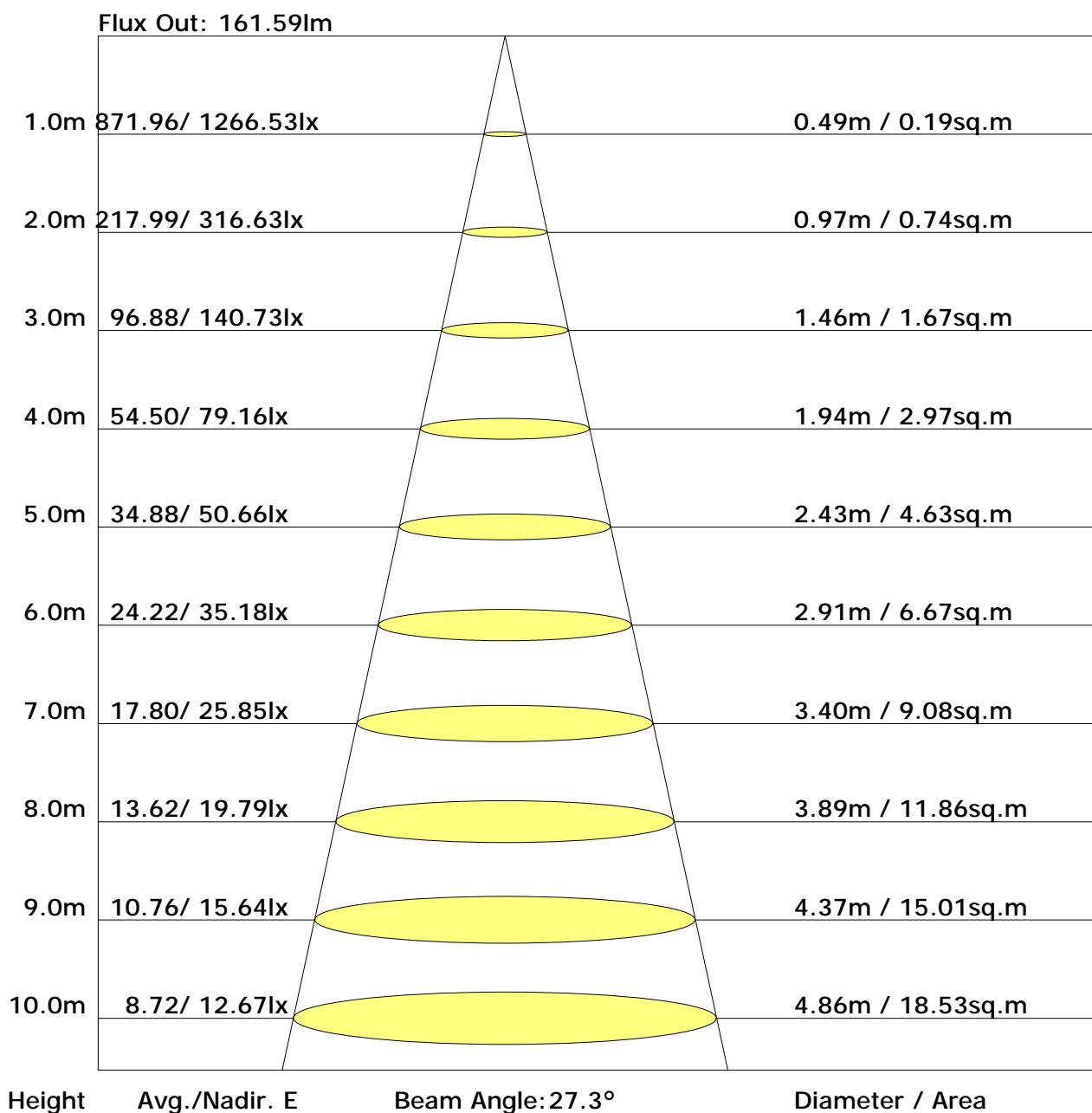
Unit: lm

	Orbit, m																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	
Flux(E)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Flux(T)	0.1	0.6	1.8	3.9	7.5	14.4	29.2	61.4	110.7	121.6	78.4	38.5	18.4	9.1	4.6	2.1	0.7	0.1	503	
Flux(E)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	383	
Vertical 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	0.6	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	0.6	0.0
	-70	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.9	0.0
	-60	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	2.3	0.0
	-50	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.0	0.0
	-40	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	1.6	1.4	1.0	0.7	0.4	0.2	0.1	0.0	0.0	0.0
	-30	0.0	0.0	0.1	0.3	0.6	1.1	2.0	3.5	4.9	5.0	3.7	2.2	1.2	0.7	0.3	0.2	0.1	0.0	0.0
	-20	0.0	0.0	0.2	0.4	0.8	1.6	3.5	7.2	11.9	12.6	8.2	4.1	2.0	1.0	0.4	0.2	0.1	0.0	0.0
	-10	0.0	0.1	0.2	0.4	0.9	2.0	4.8	11.9	24.6	28.0	16.4	7.1	2.9	1.2	0.5	0.2	0.1	0.0	0.0
	0	0.0	0.1	0.2	0.4	0.9	2.1	5.5	15.0	32.2	35.5	20.7	8.3	3.2	1.3	0.6	0.2	0.1	0.0	0.0
10	0.0	0.1	0.2	0.4	0.9	2.0	4.8	10.8	19.4	21.6	14.0	6.5	2.7	1.2	0.5	0.2	0.1	0.0	0.0	
20	0.0	0.0	0.2	0.4	0.8	1.5	3.0	5.5	8.4	9.2	7.0	3.9	2.0	1.0	0.5	0.2	0.1	0.0	0.0	
30	0.0	0.0	0.1	0.3	0.6	1.0	1.7	2.6	3.6	3.8	3.2	2.1	1.3	0.7	0.4	0.2	0.1	0.0	0.0	
40	0.0	0.0	0.1	0.3	0.4	0.7	1.0	1.3	1.6	1.6	1.5	1.1	0.8	0.5	0.3	0.1	0.0	0.0	0.0	
50	0.0	0.0	0.1	0.2	0.3	0.4	0.6	0.7	0.8	0.8	0.7	0.6	0.5	0.3	0.2	0.1	0.0	0.0	0.0	
60	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.1	0.1	0.0	0.0	0.0	
70	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	
80	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
90	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
Flux(T)	0.1	0.6	1.8	3.9	7.5	14.4	29.2	61.4	110.7	121.6	78.4	38.5	18.4	9.1	4.6	2.1	0.7	0.1	503	
Flux(E)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	383	
Horizontal plane																				

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



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	8.4	9.5	8.9	9.9	10.3	6.5	7.5	6.9	7.9	8.3
3H	9.6	10.5	10.0	10.9	11.3	7.2	8.2	7.7	8.5	9.0
4H	9.9	10.8	10.4	11.2	11.7	7.4	8.3	7.9	8.7	9.2
6H	10.1	10.9	10.6	11.3	11.8	7.5	8.3	8.0	8.7	9.2
8H	10.2	10.9	10.6	11.4	11.8	7.5	8.3	8.0	8.7	9.2
12H	10.2	10.9	10.7	11.3	11.8	7.5	8.2	8.0	8.7	9.2
X=4H Y=2H	8.4	9.3	8.9	9.7	10.1	6.9	7.7	7.3	8.1	8.6
3H	9.6	10.3	10.1	10.8	11.3	7.7	8.4	8.2	8.9	9.4
4H	10.0	10.7	10.5	11.1	11.7	8.0	8.6	8.5	9.1	9.6
6H	10.3	10.8	10.8	11.3	11.9	8.1	8.7	8.7	9.2	9.7
8H	10.3	10.8	10.9	11.4	11.9	8.2	8.7	8.7	9.2	9.7
12H	10.4	10.8	10.9	11.4	11.9	8.2	8.6	8.7	9.1	9.7
X=8H Y=4H	9.9	10.4	10.5	11.0	11.5	8.1	8.6	8.6	9.1	9.6
6H	10.2	10.6	10.8	11.2	11.7	8.3	8.7	8.8	9.2	9.8
8H	10.3	10.7	10.9	11.2	11.8	8.3	8.7	8.9	9.3	9.8
12H	10.4	10.7	10.9	11.2	11.9	8.4	8.7	9.0	9.2	9.9
X=12H Y=4H	9.9	10.3	10.4	10.9	11.4	8.1	8.5	8.6	9.0	9.6
6H	10.2	10.5	10.8	11.1	11.7	8.3	8.6	8.9	9.2	9.8
8H	10.3	10.6	10.9	11.1	11.8	8.4	8.7	8.9	9.2	9.9

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 = 0.75								
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	0.84	0.90	0.94	0.97	1.02	1.04	1.06	1.09	1.10
	0.30		0.79	0.86	0.90	0.93	0.98	1.01	1.03	1.06	1.08
	0.20		0.76	0.82	0.87	0.90	0.95	0.98	1.01	1.04	1.06
0.50	0.50	0.20	0.83	0.88	0.92	0.95	0.98	1.01	1.02	1.04	1.06
	0.30		0.78	0.84	0.88	0.91	0.95	0.98	1.00	1.02	1.04
	0.20		0.75	0.81	0.85	0.88	0.93	0.96	0.98	1.01	1.03
0.30	0.50	0.20	0.81	0.86	0.90	0.92	0.95	0.97	0.99	1.00	1.01
	0.30		0.78	0.83	0.87	0.89	0.93	0.95	0.97	0.99	1.00
	0.20		0.75	0.80	0.84	0.87	0.91	0.93	0.95	0.97	0.99
0.00	0.00	0.00	0.73	0.78	0.81	0.84	0.87	0.89	0.91	0.93	0.94
Rating:9W 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 = 0.75								
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	0.59	0.48	0.41	0.36	0.28	0.23	0.20	0.16	0.13
	0.30		0.50	0.41	0.36	0.31	0.26	0.21	0.19	0.15	0.12
	0.20		0.42	0.36	0.32	0.28	0.23	0.20	0.17	0.14	0.11
0.50	0.50	0.20	0.56	0.45	0.38	0.33	0.26	0.25	0.18	0.14	0.11
	0.30		0.47	0.39	0.34	0.30	0.24	0.20	0.17	0.13	0.11
	0.20		0.41	0.35	0.30	0.27	0.22	0.18	0.16	0.13	0.11
0.30	0.50	0.20	0.53	0.42	0.36	0.31	0.24	0.20	0.17	0.13	0.10
	0.30		0.45	0.37	0.32	0.28	0.22	0.18	0.16	0.12	0.10
	0.20		0.40	0.33	0.29	0.25	0.21	0.17	0.15	0.12	0.10
0.00	0.00	0.00	0.26	0.21	0.17	0.15	0.12	0.10	0.08	0.06	0.05
Rating: 9W 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 = 0.75									
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	0.16	0.18	0.19	0.20	0.21	0.22	0.22	0.23	0.24	
	0.30		0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.22	0.22	
	0.20		0.09	0.11	0.12	0.14	0.16	0.17	0.18	0.20	0.21	
0.50	0.50	0.20	0.15	0.17	0.18	0.19	0.20	0.21	0.22	0.22	0.23	
	0.30		0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.21	0.22	
	0.20		0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.19	0.20	
0.30	0.50	0.20	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.21	0.22	
	0.30		0.11	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.21	
	0.20		0.09	0.11	0.12	0.13	0.15	0.17	0.18	0.19	0.20	
0.00	0.00	0.00	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	
Rating:9W 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	1268.6	1.2	1.2	0.23	0.23
1.0-2.0	1258.3	3.6	4.8	0.70	0.93
2.0-3.0	1237.4	5.9	10.7	1.14	2.07
3.0-4.0	1206.9	8.1	18.8	1.56	3.63
4.0-5.0	1167.9	10.0	28.9	1.94	5.57
5.0-6.0	1121.6	11.8	40.7	2.27	7.84
6.0-7.0	1069.5	13.3	53.9	2.56	10.40
7.0-8.0	1013.2	14.5	68.4	2.80	13.20
8.0-9.0	954.1	15.5	83.9	2.98	16.18
9.0-10.0	893.4	16.2	100.1	3.12	19.30
10.0-11.0	832.3	16.6	116.7	3.21	22.51
11.0-12.0	771.7	16.9	133.6	3.25	25.76
12.0-13.0	713.1	16.9	150.5	3.26	29.03
13.0-14.0	657.6	16.8	167.3	3.25	32.27
14.0-15.0	604.3	16.6	183.9	3.20	35.47
15.0-16.0	554.3	16.2	200.2	3.13	38.61
16.0-17.0	508.3	15.8	216.0	3.05	41.66
17.0-18.0	464.9	15.3	231.3	2.96	44.62
18.0-19.0	424.8	14.8	246.1	2.85	47.47
19.0-20.0	388.4	14.2	260.3	2.74	50.21
20.0-21.0	354.7	13.6	274.0	2.63	52.84
21.0-22.0	323.8	13.0	287.0	2.51	55.35
22.0-23.0	295.8	12.4	299.4	2.39	57.74
23.0-24.0	270.2	11.8	311.2	2.28	60.02
24.0-25.0	246.6	11.2	322.4	2.16	62.18
25.0-26.0	225.2	10.6	333.0	2.05	64.23
26.0-27.0	205.6	10.1	343.1	1.94	66.17
27.0-28.0	187.4	9.5	352.6	1.83	68.00
28.0-29.0	170.9	8.9	361.5	1.72	69.73
29.0-30.0	155.9	8.4	370.0	1.62	71.35
30.0-31.0	142.1	7.9	377.9	1.52	72.87
31.0-32.0	129.5	7.4	385.3	1.43	74.31
32.0-33.0	118.3	7.0	392.2	1.34	75.65
33.0-34.0	108.0	6.5	398.8	1.26	76.91
34.0-35.0	98.9	6.1	404.9	1.18	78.10
35.0-36.0	90.7	5.8	410.7	1.11	79.21

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:

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	83.4	5.4	416.2	1.05	80.26
37.0-38.0	76.7	5.1	421.3	0.99	81.25
38.0-39.0	70.8	4.8	426.1	0.93	82.18
39.0-40.0	65.3	4.6	430.7	0.88	83.06
40.0-41.0	60.4	4.3	435.0	0.83	83.89
41.0-42.0	55.9	4.1	439.0	0.78	84.67
42.0-43.0	51.8	3.8	442.9	0.74	85.41
43.0-44.0	48.1	3.6	446.5	0.70	86.11
44.0-45.0	44.7	3.4	449.9	0.66	86.77
45.0-46.0	41.5	3.2	453.2	0.63	87.40
46.0-47.0	38.7	3.1	456.3	0.59	87.99
47.0-48.0	36.0	2.9	459.2	0.56	88.56
48.0-49.0	33.6	2.8	461.9	0.53	89.09
49.0-50.0	31.4	2.6	464.5	0.50	89.59
50.0-51.0	29.3	2.5	467.0	0.48	90.07
51.0-52.0	27.4	2.3	469.4	0.45	90.52
52.0-53.0	25.6	2.2	471.6	0.43	90.95
53.0-54.0	23.9	2.1	473.7	0.41	91.36
54.0-55.0	22.4	2.0	475.7	0.39	91.74
55.0-56.0	20.9	1.9	477.6	0.37	92.11
56.0-57.0	19.6	1.8	479.4	0.35	92.45
57.0-58.0	18.3	1.7	481.1	0.33	92.78
58.0-59.0	17.1	1.6	482.7	0.31	93.09
59.0-60.0	16.0	1.5	484.2	0.29	93.38
60.0-61.0	14.9	1.4	485.6	0.27	93.65
61.0-62.0	13.9	1.3	486.9	0.26	93.91
62.0-63.0	13.0	1.3	488.2	0.24	94.16
63.0-64.0	12.1	1.2	489.4	0.23	94.39
64.0-65.0	11.3	1.1	490.5	0.22	94.60
65.0-66.0	10.6	1.1	491.6	0.20	94.81
66.0-67.0	9.9	1.0	492.6	0.19	95.00
67.0-68.0	9.2	0.9	493.5	0.18	95.18
68.0-69.0	8.6	0.9	494.4	0.17	95.35
69.0-70.0	8.0	0.8	495.2	0.16	95.51
70.0-71.0	7.4	0.8	496.0	0.15	95.65
71.0-72.0	6.8	0.7	496.7	0.14	95.79

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	6.3	0.7	497.3	0.13	95.92
73.0-74.0	5.8	0.6	497.9	0.12	96.03
74.0-75.0	5.3	0.6	498.5	0.11	96.14
75.0-76.0	4.8	0.5	499.0	0.10	96.24
76.0-77.0	4.4	0.5	499.5	0.09	96.33
77.0-78.0	4.0	0.4	499.9	0.08	96.41
78.0-79.0	3.7	0.4	500.3	0.08	96.49
79.0-80.0	3.3	0.4	500.7	0.07	96.56
80.0-81.0	3.1	0.3	501.0	0.06	96.62
81.0-82.0	2.8	0.3	501.3	0.06	96.68
82.0-83.0	2.5	0.3	501.6	0.05	96.73
83.0-84.0	2.3	0.3	501.8	0.05	96.78
84.0-85.0	2.2	0.2	502.1	0.05	96.83
85.0-86.0	2.0	0.2	502.3	0.04	96.87
86.0-87.0	1.9	0.2	502.5	0.04	96.91
87.0-88.0	1.9	0.2	502.7	0.04	96.95
88.0-89.0	1.8	0.2	502.9	0.04	96.99
89.0-90.0	1.8	0.2	503.1	0.04	97.03
90.0-91.0	1.8	0.2	503.3	0.04	97.07
91.0-92.0	1.8	0.2	503.5	0.04	97.10
92.0-93.0	1.8	0.2	503.7	0.04	97.14
93.0-94.0	1.8	0.2	503.9	0.04	97.18
94.0-95.0	1.8	0.2	504.1	0.04	97.22
95.0-96.0	1.8	0.2	504.3	0.04	97.26
96.0-97.0	1.8	0.2	504.5	0.04	97.29
97.0-98.0	1.8	0.2	504.7	0.04	97.33
98.0-99.0	1.8	0.2	504.9	0.04	97.37
99.0-100.0	1.8	0.2	505.1	0.04	97.40
100.0-101.0	1.8	0.2	505.2	0.04	97.44
101.0-102.0	1.8	0.2	505.4	0.04	97.48
102.0-103.0	1.7	0.2	505.6	0.04	97.51
103.0-104.0	1.7	0.2	505.8	0.04	97.55
104.0-105.0	1.7	0.2	506.0	0.04	97.59
105.0-106.0	1.7	0.2	506.2	0.04	97.62
106.0-107.0	1.8	0.2	506.4	0.04	97.66
107.0-108.0	1.8	0.2	506.5	0.04	97.69

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	1.8	0.2	506.7	0.04	97.73
109.0-110.0	1.8	0.2	506.9	0.04	97.76
110.0-111.0	1.8	0.2	507.1	0.04	97.80
111.0-112.0	1.8	0.2	507.3	0.04	97.83
112.0-113.0	1.8	0.2	507.5	0.04	97.87
113.0-114.0	1.8	0.2	507.6	0.04	97.90
114.0-115.0	1.9	0.2	507.8	0.04	97.94
115.0-116.0	1.9	0.2	508.0	0.04	97.98
116.0-117.0	1.9	0.2	508.2	0.04	98.01
117.0-118.0	1.9	0.2	508.4	0.04	98.05
118.0-119.0	1.9	0.2	508.6	0.04	98.08
119.0-120.0	2.0	0.2	508.8	0.04	98.12
120.0-121.0	2.0	0.2	508.9	0.04	98.15
121.0-122.0	2.0	0.2	509.1	0.04	98.19
122.0-123.0	2.0	0.2	509.3	0.04	98.23
123.0-124.0	2.1	0.2	509.5	0.04	98.26
124.0-125.0	2.1	0.2	509.7	0.04	98.30
125.0-126.0	2.1	0.2	509.9	0.04	98.34
126.0-127.0	2.2	0.2	510.1	0.04	98.37
127.0-128.0	2.2	0.2	510.3	0.04	98.41
128.0-129.0	2.3	0.2	510.5	0.04	98.45
129.0-130.0	2.3	0.2	510.7	0.04	98.49
130.0-131.0	2.4	0.2	510.9	0.04	98.52
131.0-132.0	2.4	0.2	511.1	0.04	98.56
132.0-133.0	2.5	0.2	511.3	0.04	98.60
133.0-134.0	2.6	0.2	511.5	0.04	98.64
134.0-135.0	2.6	0.2	511.7	0.04	98.68
135.0-136.0	2.7	0.2	511.9	0.04	98.72
136.0-137.0	2.7	0.2	512.1	0.04	98.76
137.0-138.0	2.8	0.2	512.3	0.04	98.80
138.0-139.0	2.9	0.2	512.5	0.04	98.84
139.0-140.0	3.0	0.2	512.7	0.04	98.88
140.0-141.0	3.0	0.2	512.9	0.04	98.92
141.0-142.0	3.1	0.2	513.1	0.04	98.96
142.0-143.0	3.2	0.2	513.3	0.04	99.00
143.0-144.0	3.3	0.2	513.6	0.04	99.04

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	3.4	0.2	513.8	0.04	99.09
145.0-146.0	3.4	0.2	514.0	0.04	99.13
146.0-147.0	3.5	0.2	514.2	0.04	99.17
147.0-148.0	3.6	0.2	514.4	0.04	99.21
148.0-149.0	3.7	0.2	514.6	0.04	99.25
149.0-150.0	3.8	0.2	514.8	0.04	99.29
150.0-151.0	3.8	0.2	515.0	0.04	99.33
151.0-152.0	3.9	0.2	515.2	0.04	99.37
152.0-153.0	4.0	0.2	515.4	0.04	99.41
153.0-154.0	4.1	0.2	515.6	0.04	99.45
154.0-155.0	4.1	0.2	515.8	0.04	99.48
155.0-156.0	4.2	0.2	516.0	0.04	99.52
156.0-157.0	4.3	0.2	516.2	0.04	99.56
157.0-158.0	4.3	0.2	516.4	0.04	99.59
158.0-159.0	4.4	0.2	516.6	0.03	99.63
159.0-160.0	4.4	0.2	516.7	0.03	99.66
160.0-161.0	4.5	0.2	516.9	0.03	99.69
161.0-162.0	4.5	0.2	517.1	0.03	99.72
162.0-163.0	4.6	0.2	517.2	0.03	99.75
163.0-164.0	4.6	0.1	517.4	0.03	99.78
164.0-165.0	4.7	0.1	517.5	0.03	99.80
165.0-166.0	4.7	0.1	517.6	0.02	99.83
166.0-167.0	4.7	0.1	517.7	0.02	99.85
167.0-168.0	4.7	0.1	517.9	0.02	99.87
168.0-169.0	4.7	0.1	518.0	0.02	99.89
169.0-170.0	4.7	0.1	518.1	0.02	99.91
170.0-171.0	4.7	0.1	518.1	0.02	99.93
171.0-172.0	4.8	0.1	518.2	0.01	99.94
172.0-173.0	4.8	0.1	518.3	0.01	99.96
173.0-174.0	4.8	0.1	518.3	0.01	99.97
174.0-175.0	4.8	0.1	518.4	0.01	99.98
175.0-176.0	4.8	0.0	518.4	0.01	99.99
176.0-177.0	4.8	0.0	518.5	0.01	99.99
177.0-178.0	4.8	0.0	518.5	0.00	100.00
178.0-179.0	4.8	0.0	518.5	0.00	100.00
179.0-180.0	4.8	0.0	518.5	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: