

Report No.: 20230921

Test Time: 2023/9/25 16:03

Luminaire Property

Luminaire Manufacturer: Acolyte

Luminaire Category: Nano Pivot

Luminaire Description: Nano pivot rgbw4000k 9.75 - White only

Lamp Catalog: Optic BA 25*45 degree

Luminous Width (mm): 28

Voltage: 24.0 V

Power: 9.27 W

Luminous Length (mm): 1000

Luminous Height (mm): 36

Current: 0.386 A

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 331 lm

Downward Ratio: 98%

Horizontal Diffuse Angle(10%,50%): H79.9,H39.7

Vertical Diffuse Angle(10%,50%): V64.3,V25.7

Luminaire Efficacy Rating (LER): 36

Max. Intensity: 675.85 cd

Total Rated Lamp Lumens: 331.0 lm

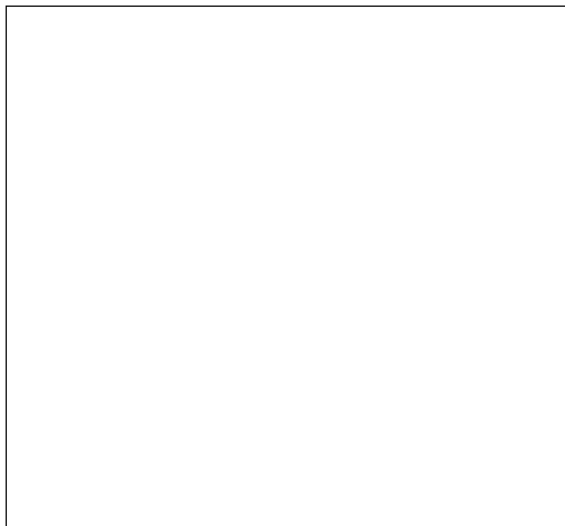
Efficiency: 100%

Upward Ratio: 2%

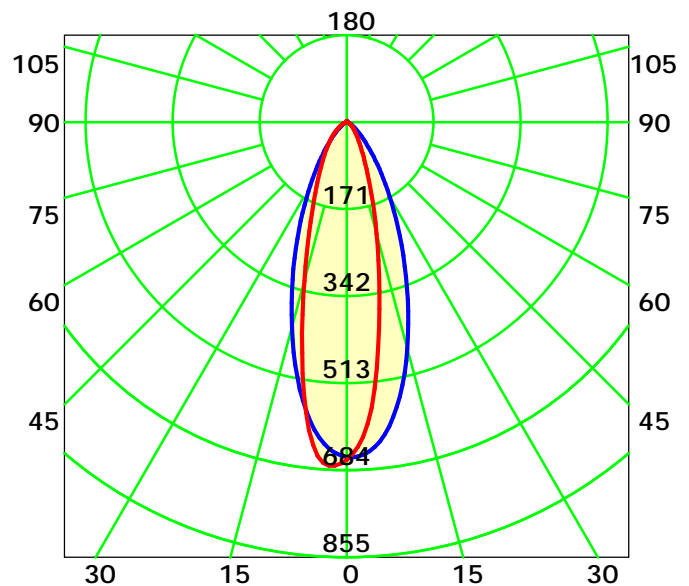
Central Intensity: 658.12 cd

Pos of Max. Intensity: H270 V3

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 32.7° 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

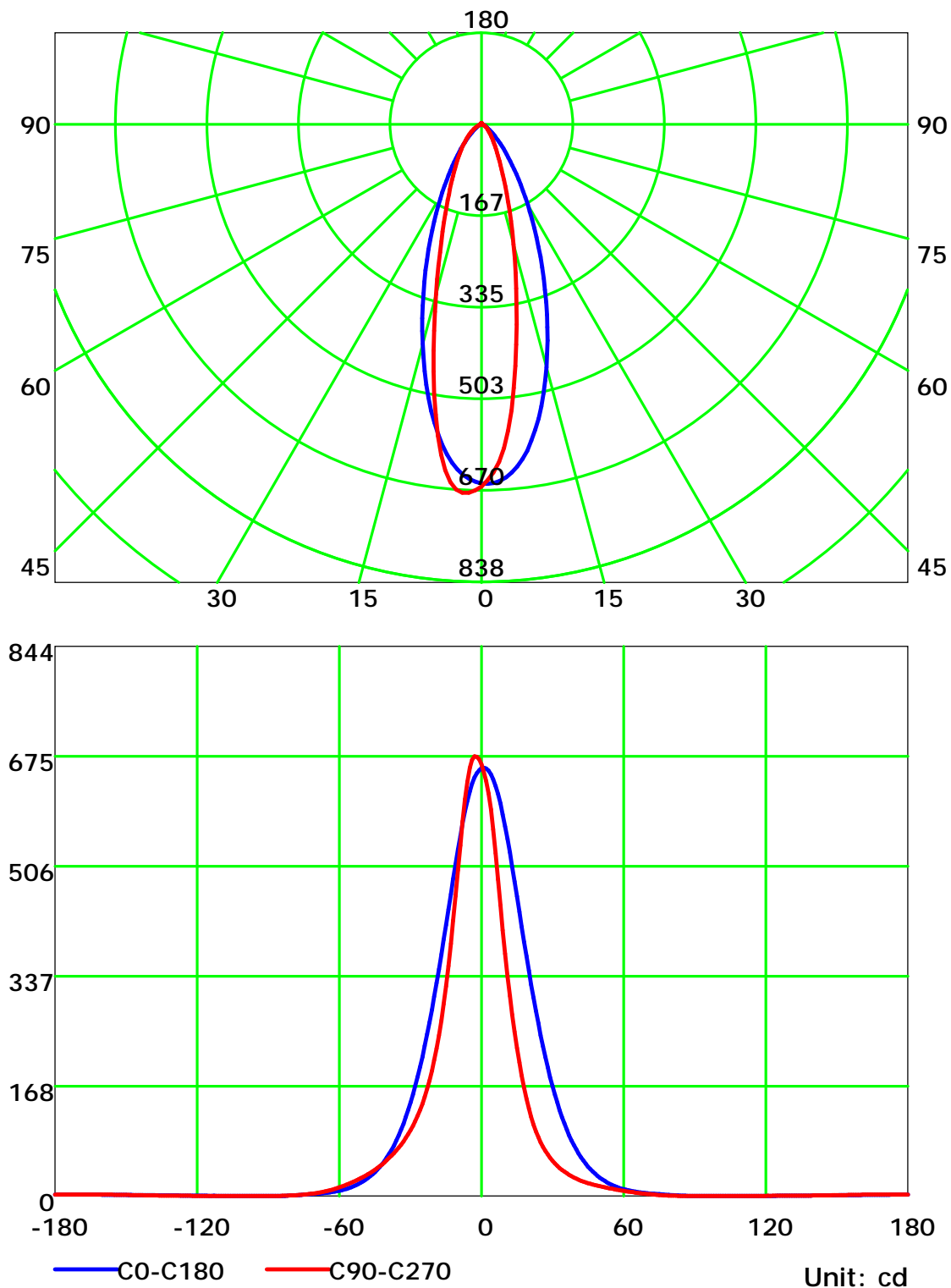
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

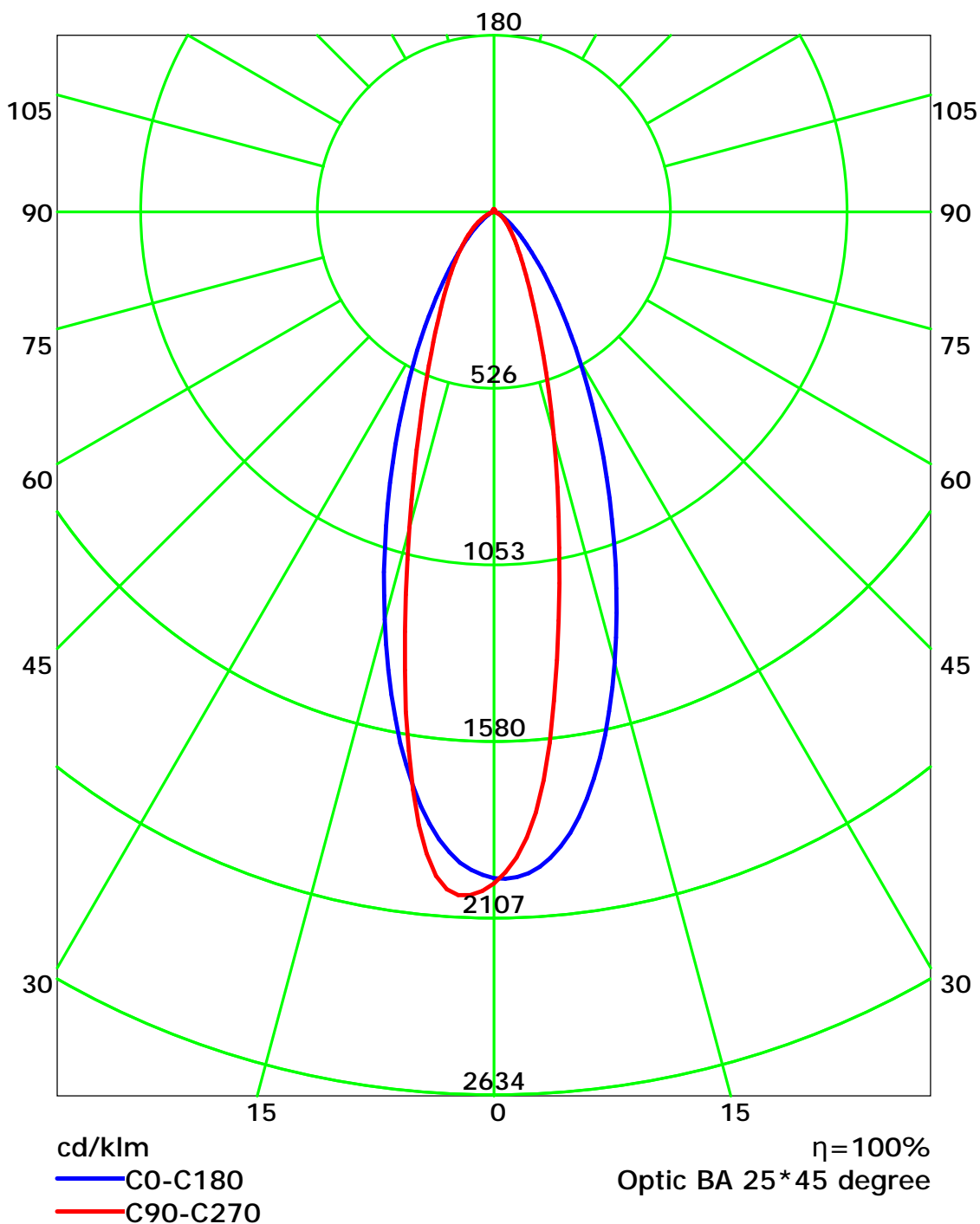
Luminous Intensity Distribution Curve



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:

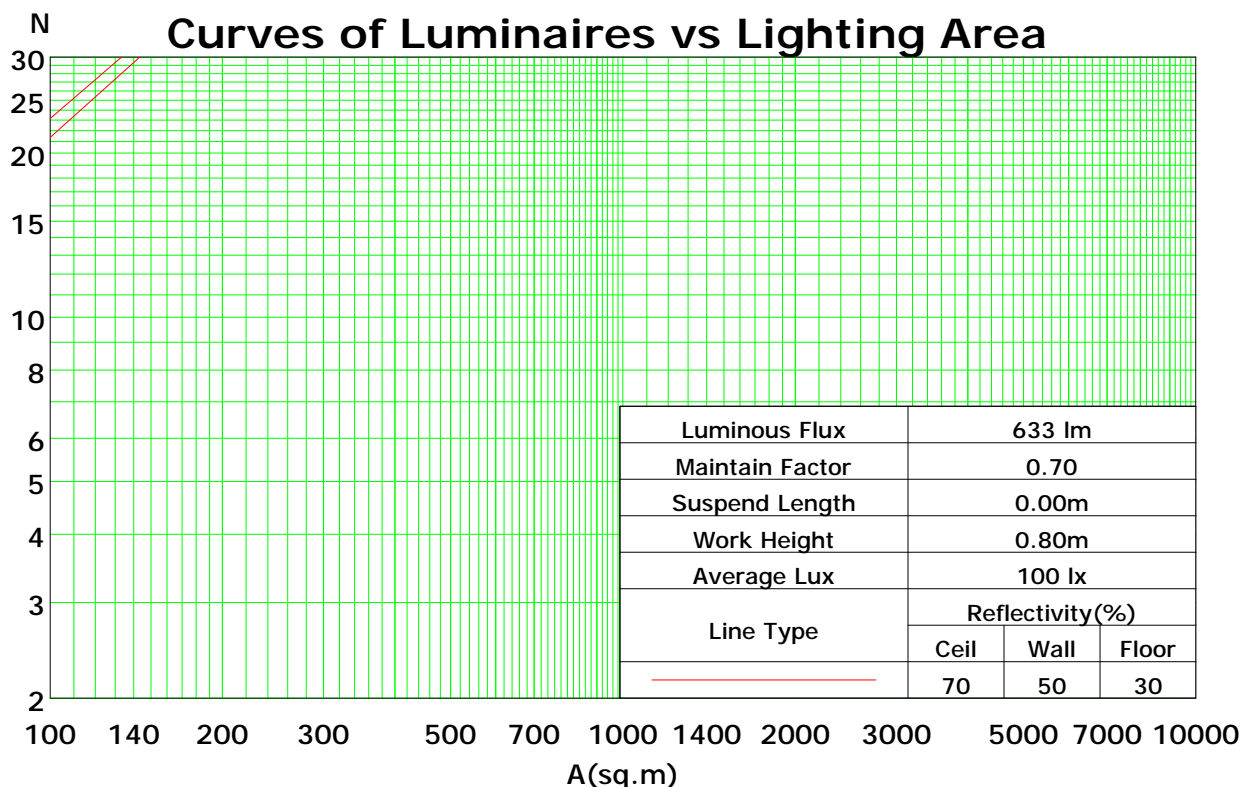
Coefficients Of Utilization - Zonal Cavity Method

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	119	119	119	119	116	116	116	116	110	110	110	105	105	105	100	100	100	98
1	113	110	107	105	110	107	105	103	103	101	99	99	97	96	95	94	93	91
2	107	102	97	94	104	100	96	93	96	93	90	93	90	88	90	88	86	84
3	101	95	89	85	99	93	88	85	90	86	83	87	84	81	85	82	80	78
4	96	88	83	78	94	87	82	78	85	80	77	82	79	76	80	77	74	73
5	91	83	77	73	90	82	76	72	80	75	71	78	74	71	76	73	70	68
6	87	78	72	68	85	77	72	67	75	70	67	74	69	66	72	69	66	64
7	83	74	68	64	82	73	67	63	71	66	63	70	66	62	69	65	62	60
8	79	70	64	60	78	69	64	60	68	63	59	67	62	59	66	62	59	57
9	76	66	61	57	75	66	60	57	65	60	56	64	59	56	63	59	56	54
10	73	63	58	54	72	63	57	54	62	57	53	61	56	53	60	56	53	52

Spacing Criteria (0-180): 0.63

Spacing Criteria (90-270): 0.44

Spacing Criteria (Diagonal): 0.56



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

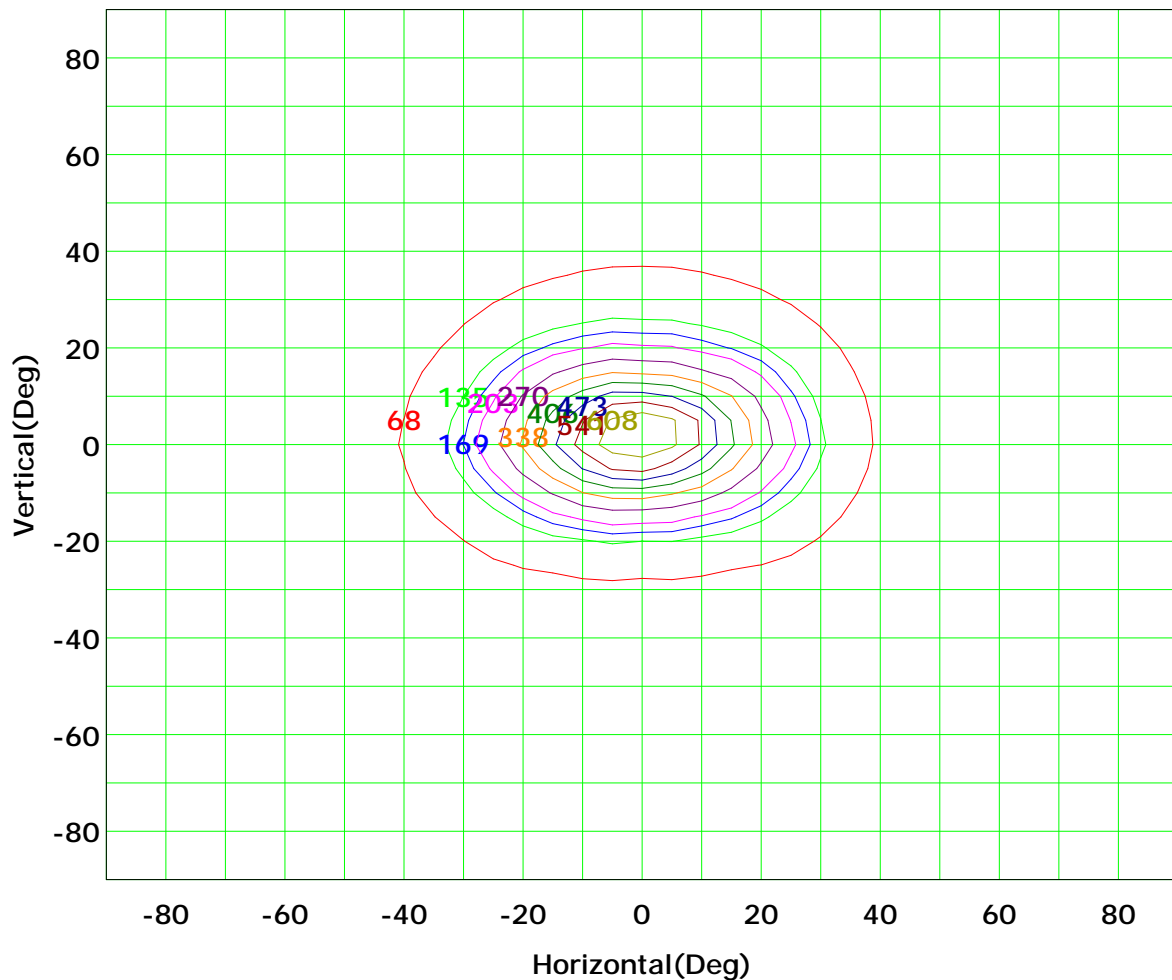
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



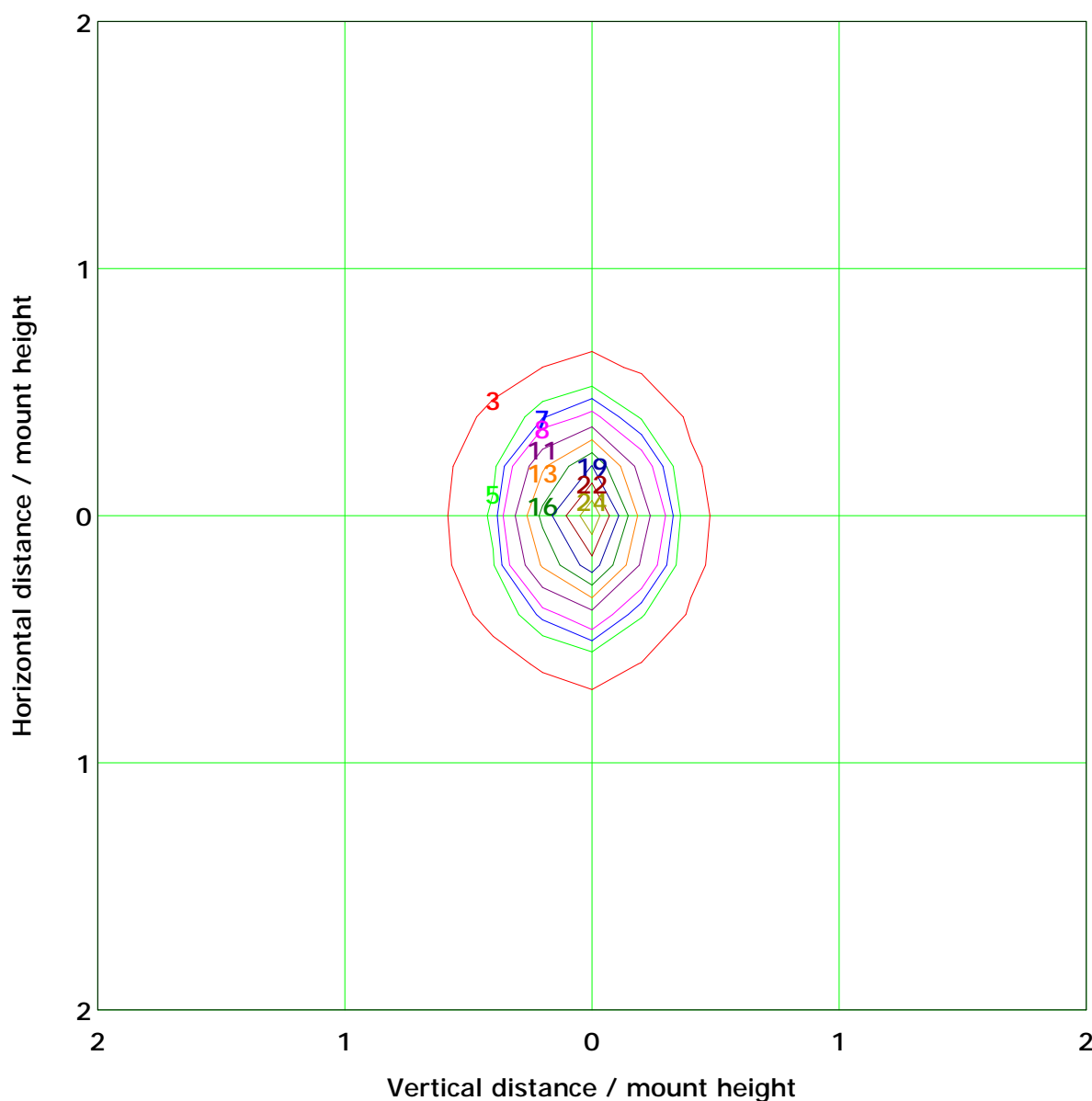
I_{max} (100%): 676 cd

(10%): 68 cd	(20%): 135 cd
(25%): 169 cd	(30%): 203 cd
(40%): 270 cd	(50%): 338 cd
(60%): 406 cd	(70%): 473 cd
(80%): 541 cd	(90%): 608 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%): 27.0 lx	
(10%): 2.7 lx	(20%): 5.4 lx
(25%): 6.7 lx	(30%): 8.1 lx
(40%): 10.8 lx	(50%): 13.5 lx
(60%): 16.2 lx	(70%): 18.9 lx
(80%): 21.6 lx	(90%): 24.3 lx

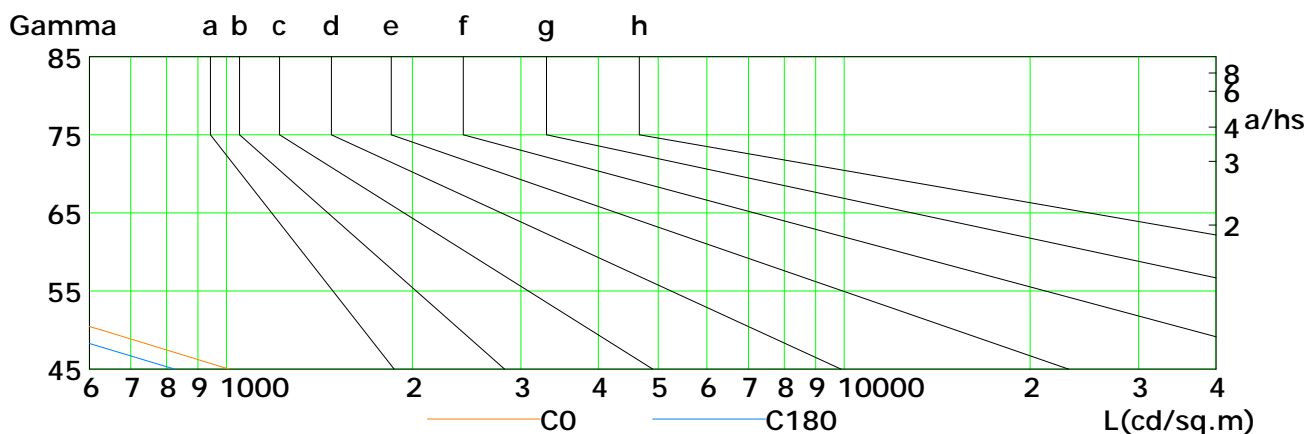
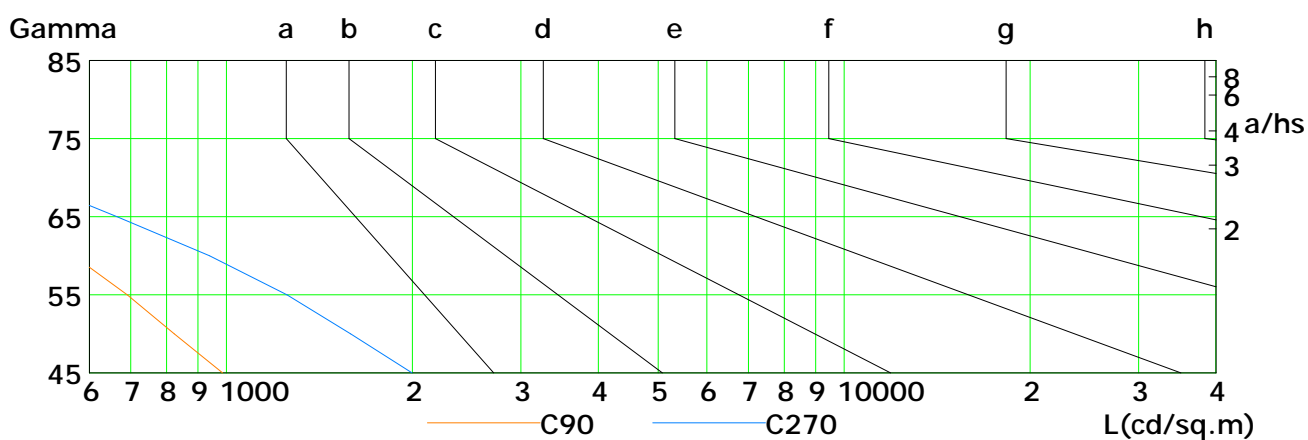
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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

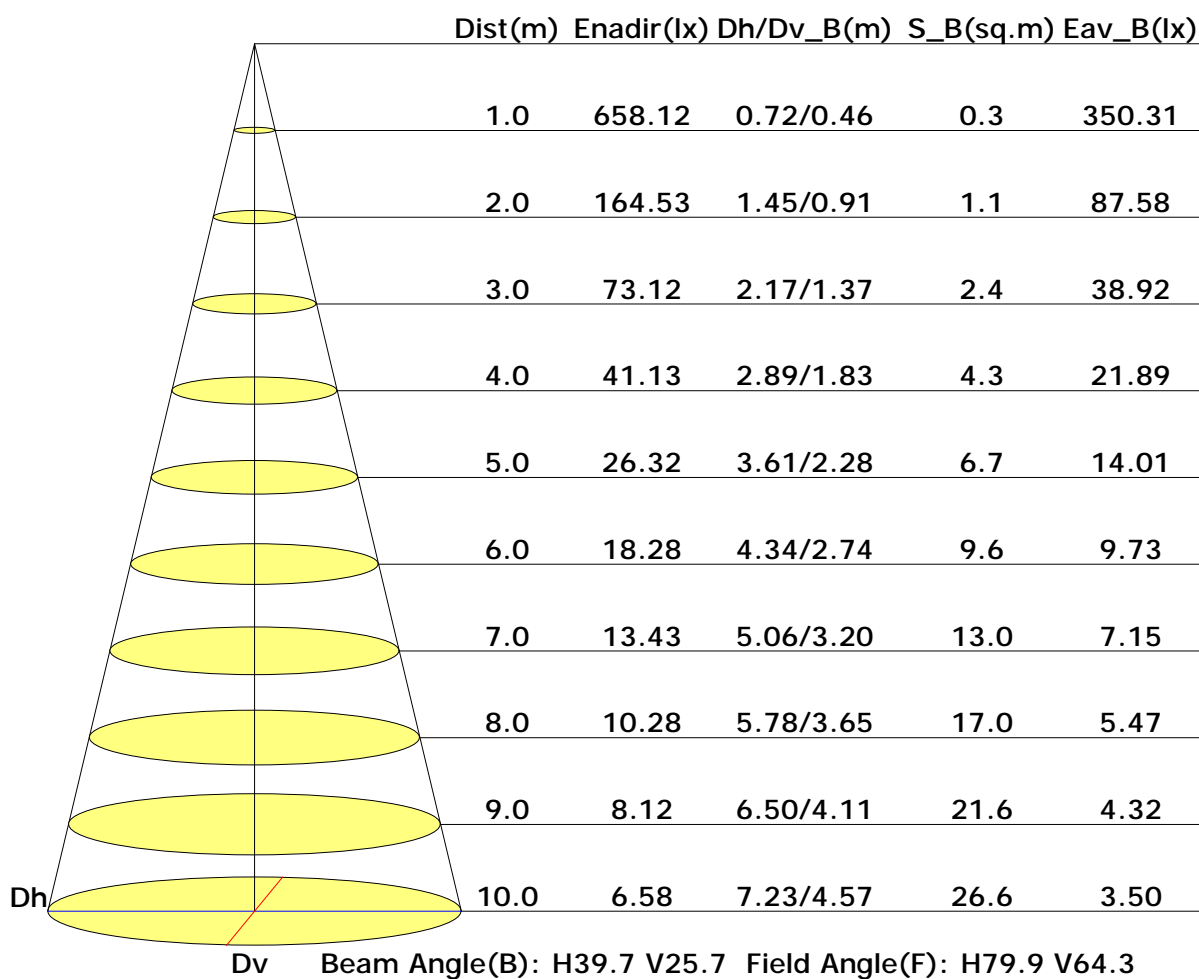


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	1010	628	391	243	161	109	79	48	27
C90	986	824	691	565	453	345	242	190	203
C180	825	509	307	193	128	89	61	36	17
C270	1997	1590	1254	939	665	468	331	244	238

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:

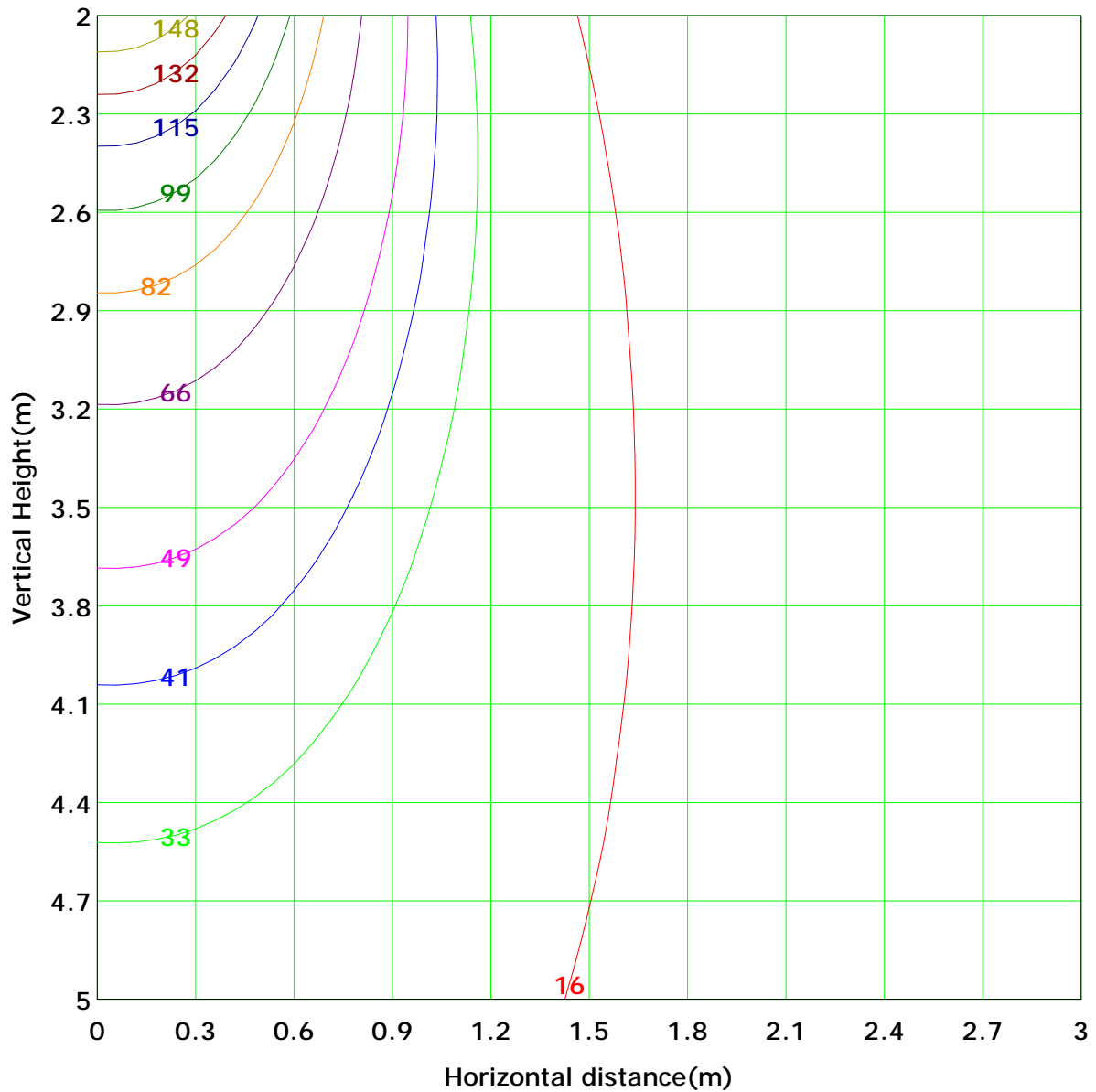
Illuminance at a Distance



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: 164.5 lx
(10%): 16.5 lx	(20%): 32.9 lx	
(25%): 41.1 lx	(30%): 49.4 lx	
(40%): 65.8 lx	(50%): 82.3 lx	
(60%): 98.7 lx	(70%): 115.2 lx	
(80%): 131.6 lx	(90%): 148.1 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

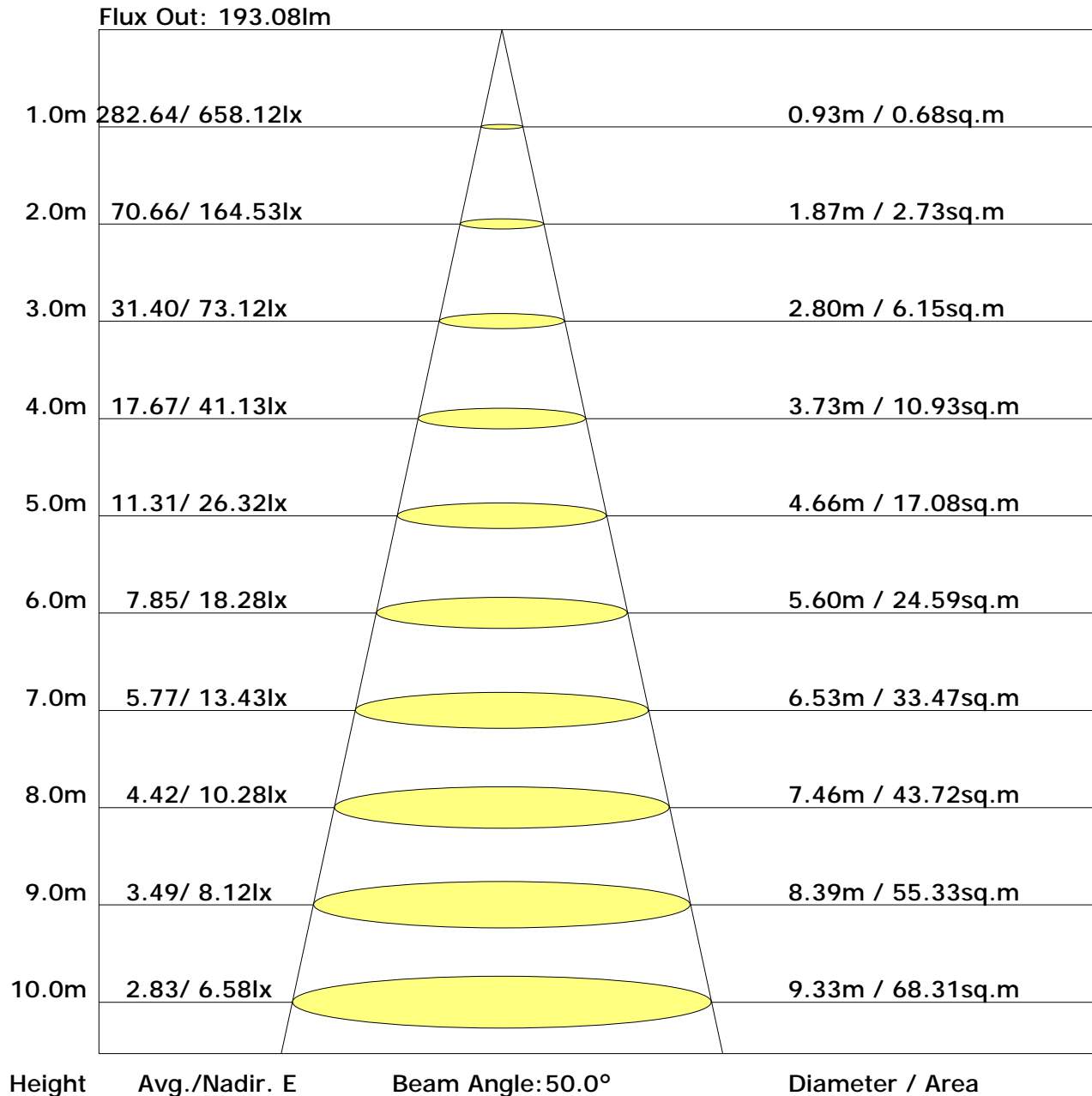
Vertical plane		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
Horizontal plane	-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-70	0.0	0.0	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
	Flux(T)	0.0	0.2	0.7	2.1	5.6	12.9	26.5	45.8	63.1	65.2	48.9	28.7	14.1	6.2	2.4	0.9	0.3	0.0	0.0	324	
	Flux(E)	0.0	0.0	0.0	0.0	0.0	5.8	20.7	40.0	57.4	59.5	43.2	22.9	7.7	0.0	0.0	0.0	0.0	0.0	0.0		257

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	9.2	10.2	9.6	10.6	11.0	5.5	6.6	5.9	6.9	7.3
3H	9.9	10.8	10.3	11.2	11.6	6.1	7.0	6.5	7.4	7.8
4H	10.1	11.0	10.6	11.4	11.9	6.1	7.0	6.6	7.4	7.9
6H	10.3	11.1	10.8	11.5	12.0	6.1	6.9	6.6	7.3	7.8
8H	10.4	11.1	10.8	11.6	12.0	6.1	6.8	6.6	7.3	7.7
12H	10.4	11.1	10.9	11.6	12.0	6.1	6.8	6.5	7.2	7.7
X=4H Y=2H	9.2	10.0	9.6	10.4	10.9	5.8	6.7	6.2	7.1	7.5
3H	9.9	10.6	10.4	11.1	11.5	6.4	7.2	6.9	7.6	8.1
4H	10.2	10.8	10.7	11.3	11.8	6.5	7.2	7.0	7.7	8.2
6H	10.4	11.0	10.9	11.5	12.0	6.6	7.1	7.1	7.6	8.1
8H	10.5	11.0	11.0	11.5	12.0	6.5	7.0	7.0	7.5	8.1
12H	10.6	11.0	11.1	11.5	12.1	6.5	7.0	7.0	7.5	8.0
X=8H Y=4H	10.1	10.6	10.6	11.1	11.6	6.6	7.1	7.1	7.6	8.1
6H	10.3	10.7	10.9	11.3	11.8	6.6	7.0	7.1	7.5	8.1
8H	10.4	10.8	11.0	11.3	11.9	6.6	6.9	7.1	7.5	8.0
12H	10.5	10.8	11.1	11.4	12.0	6.6	6.9	7.1	7.4	8.1
X=12H Y=4H	10.0	10.5	10.6	11.0	11.5	6.5	7.0	7.0	7.5	8.0
6H	10.3	10.6	10.8	11.1	11.7	6.6	6.9	7.1	7.4	8.0
8H	10.4	10.7	10.9	11.2	11.9	6.6	6.9	7.1	7.4	8.0

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	0.82	0.89	0.93	0.97	1.01	1.04	1.06	1.08	1.10
	0.30		0.77	0.84	0.89	0.92	0.97	1.01	1.03	1.06	1.08
	0.20		0.73	0.80	0.85	0.89	0.94	0.98	1.00	1.04	1.06
0.50	0.50	0.20	0.80	0.87	0.91	0.94	0.98	1.00	1.02	1.04	1.06
	0.30		0.76	0.83	0.87	0.90	0.95	0.98	1.00	1.02	1.04
	0.20		0.73	0.80	0.84	0.87	0.92	0.95	0.97	1.01	1.02
0.30	0.50	0.20	0.79	0.85	0.89	0.91	0.95	0.97	0.98	1.00	1.01
	0.30		0.75	0.81	0.86	0.88	0.92	0.95	0.97	0.99	1.00
	0.20		0.72	0.79	0.83	0.86	0.90	0.93	0.95	0.97	0.99
0.00	0.00	0.00	0.71	0.76	0.80	0.83	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	0.62	0.51	0.43	0.37	0.29	0.24	0.20	0.16	0.13
	0.30		0.52	0.43	0.37	0.33	0.26	0.22	0.19	0.15	0.12
	0.20		0.45	0.38	0.33	0.29	0.24	0.20	0.18	0.14	0.12
0.50	0.50	0.20	0.59	0.48	0.40	0.34	0.27	0.26	0.19	0.14	0.12
	0.30		0.50	0.41	0.35	0.31	0.25	0.20	0.18	0.14	0.11
	0.20		0.43	0.36	0.32	0.28	0.23	0.19	0.16	0.13	0.11
0.30	0.50	0.20	0.56	0.45	0.37	0.32	0.25	0.20	0.17	0.13	0.11
	0.30		0.48	0.39	0.33	0.29	0.23	0.19	0.16	0.13	0.10
	0.20		0.42	0.35	0.30	0.26	0.21	0.18	0.15	0.12	0.10
0.00	0.00	0.00	0.29	0.23	0.19	0.16	0.13	0.10	0.09	0.07	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	0.15	0.17	0.18	0.19	0.20	0.21	0.22	0.23	0.23	
	0.30		0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.21	0.22	
	0.20		0.08	0.10	0.12	0.13	0.15	0.17	0.18	0.19	0.20	
0.50	0.50	0.20	0.15	0.16	0.17	0.18	0.20	0.20	0.21	0.22	0.22	
	0.30		0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21	
	0.20		0.08	0.10	0.11	0.13	0.15	0.16	0.17	0.19	0.20	
0.30	0.50	0.20	0.14	0.16	0.17	0.18	0.19	0.20	0.20	0.21	0.21	
	0.30		0.11	0.12	0.14	0.15	0.16	0.18	0.18	0.19	0.20	
	0.20		0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.18	0.19	
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: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	656.0	0.6	0.6	0.19	0.19
1.0-2.0	653.3	1.9	2.5	0.57	0.76
2.0-3.0	647.7	3.1	5.6	0.94	1.69
3.0-4.0	638.6	4.3	9.9	1.29	2.98
4.0-5.0	625.6	5.4	15.3	1.63	4.61
5.0-6.0	608.2	6.4	21.7	1.93	6.54
6.0-7.0	586.8	7.3	28.9	2.20	8.74
7.0-8.0	562.3	8.0	37.0	2.43	11.17
8.0-9.0	535.1	8.7	45.7	2.62	13.79
9.0-10.0	506.6	9.2	54.8	2.77	16.56
10.0-11.0	477.5	9.5	64.4	2.88	19.45
11.0-12.0	448.1	9.8	74.2	2.96	22.40
12.0-13.0	419.3	10.0	84.1	3.01	25.41
13.0-14.0	391.5	10.0	94.1	3.03	28.44
14.0-15.0	364.3	10.0	104.1	3.02	31.46
15.0-16.0	338.4	9.9	114.1	3.00	34.46
16.0-17.0	314.1	9.8	123.8	2.96	37.41
17.0-18.0	291.0	9.6	133.4	2.90	40.31
18.0-19.0	269.2	9.4	142.8	2.83	43.14
19.0-20.0	249.1	9.1	151.9	2.75	45.90
20.0-21.0	230.2	8.8	160.8	2.67	48.57
21.0-22.0	212.5	8.5	169.3	2.58	51.15
22.0-23.0	196.3	8.2	177.5	2.49	53.64
23.0-24.0	181.2	7.9	185.5	2.39	56.03
24.0-25.0	167.2	7.6	193.1	2.30	58.33
25.0-26.0	154.4	7.3	200.4	2.20	60.53
26.0-27.0	142.5	7.0	207.3	2.11	62.63
27.0-28.0	131.5	6.7	214.0	2.01	64.64
28.0-29.0	121.4	6.4	220.3	1.92	66.56
29.0-30.0	112.2	6.1	226.4	1.83	68.39
30.0-31.0	103.6	5.8	232.2	1.74	70.14
31.0-32.0	95.7	5.5	237.7	1.66	71.79
32.0-33.0	88.5	5.2	242.9	1.57	73.37
33.0-34.0	81.8	4.9	247.8	1.49	74.86
34.0-35.0	75.6	4.7	252.5	1.42	76.28
35.0-36.0	70.0	4.5	257.0	1.35	77.63

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 1)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	64.7	4.2	261.2	1.28	78.90
37.0-38.0	59.9	4.0	265.2	1.21	80.11
38.0-39.0	55.5	3.8	269.0	1.14	81.25
39.0-40.0	51.4	3.6	272.6	1.08	82.34
40.0-41.0	47.6	3.4	275.9	1.02	83.36
41.0-42.0	44.1	3.2	279.1	0.97	84.33
42.0-43.0	40.9	3.0	282.2	0.91	85.24
43.0-44.0	37.9	2.9	285.0	0.86	86.11
44.0-45.0	35.2	2.7	287.7	0.82	86.92
45.0-46.0	32.7	2.6	290.3	0.77	87.70
46.0-47.0	30.3	2.4	292.7	0.73	88.42
47.0-48.0	28.1	2.3	295.0	0.69	89.11
48.0-49.0	26.1	2.1	297.1	0.65	89.76
49.0-50.0	24.2	2.0	299.1	0.61	90.37
50.0-51.0	22.4	1.9	301.0	0.57	90.94
51.0-52.0	20.8	1.8	302.8	0.54	91.48
52.0-53.0	19.3	1.7	304.5	0.51	91.99
53.0-54.0	17.8	1.6	306.1	0.47	92.46
54.0-55.0	16.5	1.5	307.5	0.44	92.91
55.0-56.0	15.2	1.4	308.9	0.41	93.32
56.0-57.0	14.0	1.3	310.2	0.39	93.71
57.0-58.0	12.9	1.2	311.4	0.36	94.07
58.0-59.0	11.8	1.1	312.5	0.33	94.40
59.0-60.0	10.9	1.0	313.5	0.31	94.71
60.0-61.0	9.9	0.9	314.5	0.29	95.00
61.0-62.0	9.1	0.9	315.3	0.26	95.26
62.0-63.0	8.3	0.8	316.2	0.24	95.51
63.0-64.0	7.6	0.7	316.9	0.23	95.73
64.0-65.0	6.9	0.7	317.6	0.21	95.94
65.0-66.0	6.3	0.6	318.2	0.19	96.13
66.0-67.0	5.7	0.6	318.8	0.17	96.30
67.0-68.0	5.2	0.5	319.3	0.16	96.46
68.0-69.0	4.7	0.5	319.8	0.15	96.61
69.0-70.0	4.3	0.4	320.2	0.13	96.74
70.0-71.0	3.9	0.4	320.6	0.12	96.86
71.0-72.0	3.5	0.4	321.0	0.11	96.97

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	3.2	0.3	321.3	0.10	97.07
73.0-74.0	2.8	0.3	321.6	0.09	97.16
74.0-75.0	2.5	0.3	321.9	0.08	97.24
75.0-76.0	2.3	0.2	322.1	0.07	97.32
76.0-77.0	2.0	0.2	322.4	0.06	97.38
77.0-78.0	1.8	0.2	322.5	0.06	97.44
78.0-79.0	1.5	0.2	322.7	0.05	97.49
79.0-80.0	1.4	0.1	322.9	0.04	97.53
80.0-81.0	1.2	0.1	323.0	0.04	97.57
81.0-82.0	1.1	0.1	323.1	0.04	97.61
82.0-83.0	1.0	0.1	323.2	0.03	97.64
83.0-84.0	0.9	0.1	323.3	0.03	97.67
84.0-85.0	0.8	0.1	323.4	0.03	97.69
85.0-86.0	0.8	0.1	323.5	0.02	97.72
86.0-87.0	0.7	0.1	323.6	0.02	97.74
87.0-88.0	0.7	0.1	323.6	0.02	97.76
88.0-89.0	0.6	0.1	323.7	0.02	97.79
89.0-90.0	0.6	0.1	323.8	0.02	97.81
90.0-91.0	0.6	0.1	323.8	0.02	97.83
91.0-92.0	0.6	0.1	323.9	0.02	97.85
92.0-93.0	0.7	0.1	324.0	0.02	97.87
93.0-94.0	0.7	0.1	324.1	0.02	97.89
94.0-95.0	0.7	0.1	324.1	0.02	97.91
95.0-96.0	0.7	0.1	324.2	0.02	97.94
96.0-97.0	0.7	0.1	324.3	0.02	97.96
97.0-98.0	0.7	0.1	324.3	0.02	97.98
98.0-99.0	0.7	0.1	324.4	0.02	98.00
99.0-100.0	0.7	0.1	324.5	0.02	98.03
100.0-101.0	0.7	0.1	324.6	0.02	98.05
101.0-102.0	0.7	0.1	324.6	0.02	98.07
102.0-103.0	0.7	0.1	324.7	0.02	98.09
103.0-104.0	0.7	0.1	324.8	0.02	98.11
104.0-105.0	0.7	0.1	324.9	0.02	98.14
105.0-106.0	0.7	0.1	324.9	0.02	98.16
106.0-107.0	0.7	0.1	325.0	0.02	98.18
107.0-108.0	0.7	0.1	325.1	0.02	98.20

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	0.7	0.1	325.2	0.02	98.23
109.0-110.0	0.7	0.1	325.2	0.02	98.25
110.0-111.0	0.7	0.1	325.3	0.02	98.27
111.0-112.0	0.8	0.1	325.4	0.02	98.30
112.0-113.0	0.8	0.1	325.5	0.02	98.32
113.0-114.0	0.8	0.1	325.5	0.02	98.34
114.0-115.0	0.8	0.1	325.6	0.02	98.37
115.0-116.0	0.8	0.1	325.7	0.02	98.39
116.0-117.0	0.8	0.1	325.8	0.02	98.42
117.0-118.0	0.8	0.1	325.9	0.02	98.44
118.0-119.0	0.8	0.1	325.9	0.02	98.46
119.0-120.0	0.9	0.1	326.0	0.02	98.49
120.0-121.0	0.9	0.1	326.1	0.03	98.52
121.0-122.0	0.9	0.1	326.2	0.03	98.54
122.0-123.0	0.9	0.1	326.3	0.03	98.57
123.0-124.0	0.9	0.1	326.4	0.03	98.59
124.0-125.0	1.0	0.1	326.5	0.03	98.62
125.0-126.0	1.0	0.1	326.5	0.03	98.64
126.0-127.0	1.0	0.1	326.6	0.03	98.67
127.0-128.0	1.0	0.1	326.7	0.03	98.70
128.0-129.0	1.1	0.1	326.8	0.03	98.73
129.0-130.0	1.1	0.1	326.9	0.03	98.75
130.0-131.0	1.1	0.1	327.0	0.03	98.78
131.0-132.0	1.2	0.1	327.1	0.03	98.81
132.0-133.0	1.2	0.1	327.2	0.03	98.84
133.0-134.0	1.2	0.1	327.3	0.03	98.87
134.0-135.0	1.3	0.1	327.4	0.03	98.90
135.0-136.0	1.3	0.1	327.5	0.03	98.93
136.0-137.0	1.4	0.1	327.6	0.03	98.96
137.0-138.0	1.4	0.1	327.7	0.03	98.99
138.0-139.0	1.4	0.1	327.8	0.03	99.03
139.0-140.0	1.5	0.1	327.9	0.03	99.06
140.0-141.0	1.5	0.1	328.0	0.03	99.09
141.0-142.0	1.6	0.1	328.1	0.03	99.12
142.0-143.0	1.6	0.1	328.2	0.03	99.16
143.0-144.0	1.7	0.1	328.3	0.03	99.19

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	1.8	0.1	328.5	0.03	99.22
145.0-146.0	1.8	0.1	328.6	0.03	99.26
146.0-147.0	1.8	0.1	328.7	0.03	99.29
147.0-148.0	1.9	0.1	328.8	0.03	99.32
148.0-149.0	2.0	0.1	328.9	0.03	99.36
149.0-150.0	2.0	0.1	329.0	0.03	99.39
150.0-151.0	2.0	0.1	329.1	0.03	99.42
151.0-152.0	2.1	0.1	329.2	0.03	99.46
152.0-153.0	2.1	0.1	329.3	0.03	99.49
153.0-154.0	2.2	0.1	329.4	0.03	99.52
154.0-155.0	2.2	0.1	329.6	0.03	99.55
155.0-156.0	2.3	0.1	329.7	0.03	99.59
156.0-157.0	2.3	0.1	329.8	0.03	99.62
157.0-158.0	2.4	0.1	329.9	0.03	99.65
158.0-159.0	2.4	0.1	330.0	0.03	99.68
159.0-160.0	2.4	0.1	330.0	0.03	99.70
160.0-161.0	2.5	0.1	330.1	0.03	99.73
161.0-162.0	2.5	0.1	330.2	0.03	99.76
162.0-163.0	2.5	0.1	330.3	0.03	99.78
163.0-164.0	2.5	0.1	330.4	0.02	99.81
164.0-165.0	2.6	0.1	330.5	0.02	99.83
165.0-166.0	2.6	0.1	330.5	0.02	99.85
166.0-167.0	2.6	0.1	330.6	0.02	99.87
167.0-168.0	2.6	0.1	330.7	0.02	99.89
168.0-169.0	2.6	0.1	330.7	0.02	99.91
169.0-170.0	2.7	0.1	330.8	0.02	99.92
170.0-171.0	2.7	0.0	330.8	0.01	99.94
171.0-172.0	2.7	0.0	330.9	0.01	99.95
172.0-173.0	2.7	0.0	330.9	0.01	99.96
173.0-174.0	2.7	0.0	330.9	0.01	99.97
174.0-175.0	2.7	0.0	331.0	0.01	99.98
175.0-176.0	2.7	0.0	331.0	0.01	99.99
176.0-177.0	2.7	0.0	331.0	0.01	99.99
177.0-178.0	2.7	0.0	331.0	0.00	100.00
178.0-179.0	2.7	0.0	331.0	0.00	100.00
179.0-180.0	2.7	0.0	331.0	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: