

Report No.: 20230921

Test Time: 2023/9/25 15:17

Luminaire Property

Luminaire Manufacturer: Acolyte

Luminaire Category: Nano Pivot

Luminaire Description: Nano pivot rgbw4000k 9.75 - Red only

Lamp Catalog: Optic BA 25*45 degree

Luminous Width (mm): 28

Voltage: 24.0 V

Power: 9.39 W

Luminous Length (mm): 1000

Luminous Height (mm): 36

Current: 0.391 A

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 194.3 lm

Downward Ratio: 97%

Horizontal Diffuse Angle(10%,50%): H80.2,H40.1

Vertical Diffuse Angle(10%,50%): V59.8,V25

Luminaire Efficacy Rating (LER): 21

Max. Intensity: 402.65 cd

Total Rated Lamp Lumens: 194.3 lm

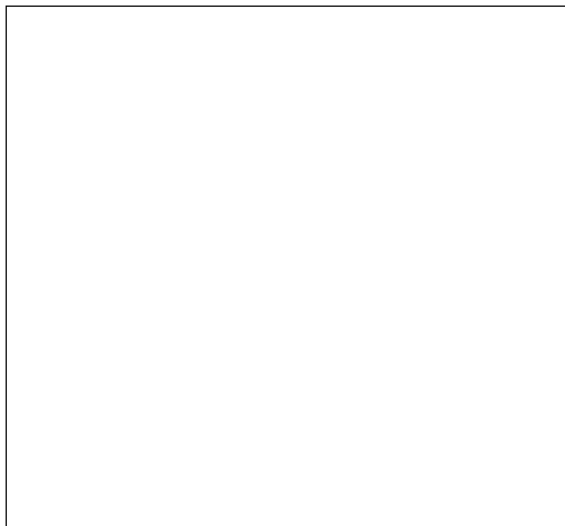
Efficiency: 100%

Upward Ratio: 3%

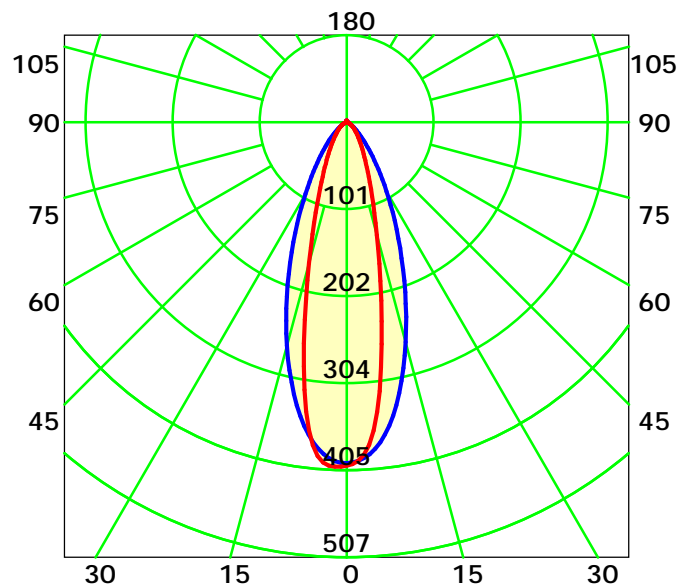
Central Intensity: 397.72 cd

Pos of Max. Intensity: H240 V2

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 32.5° 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

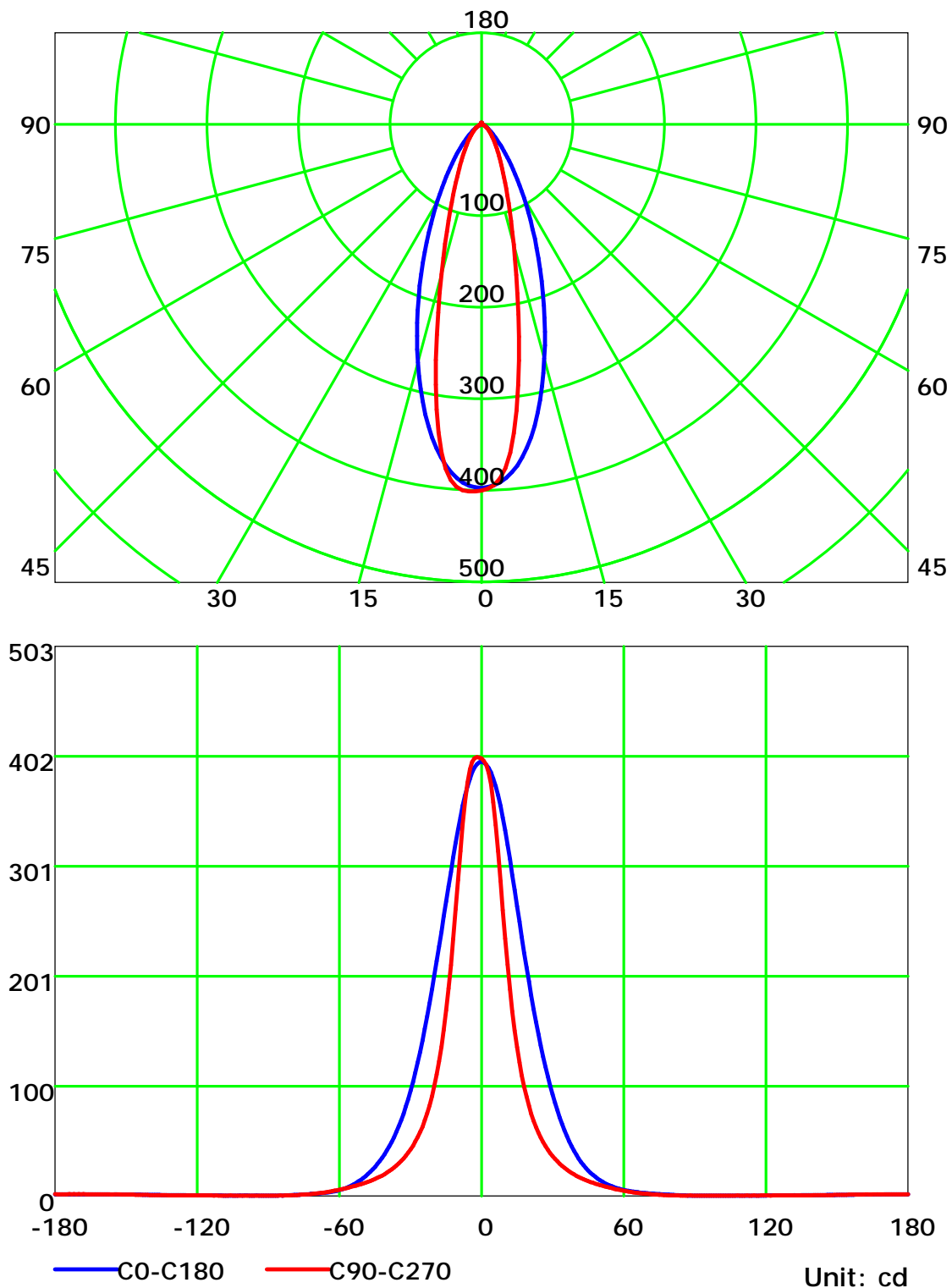
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

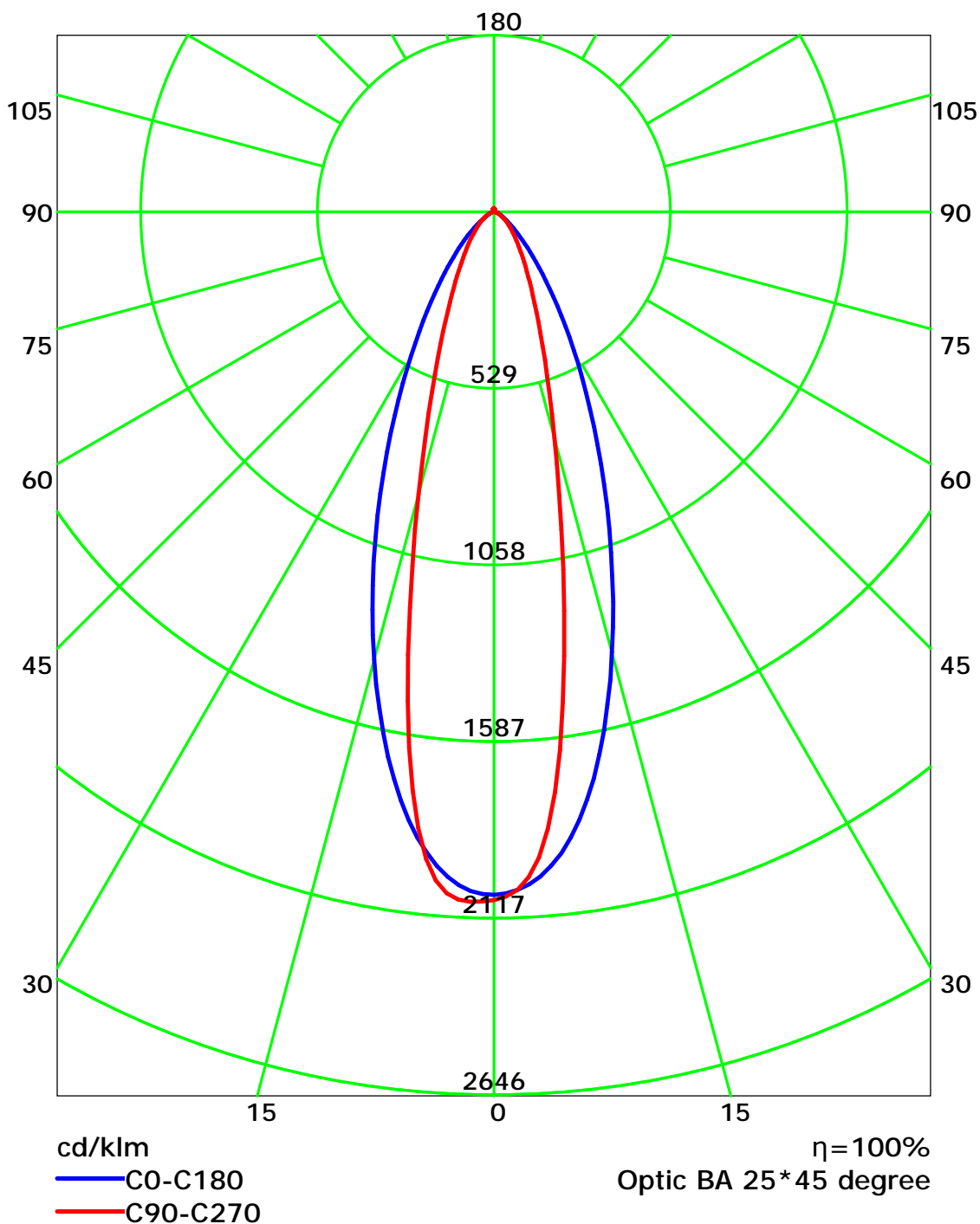
Luminous Intensity Distribution Curve



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:

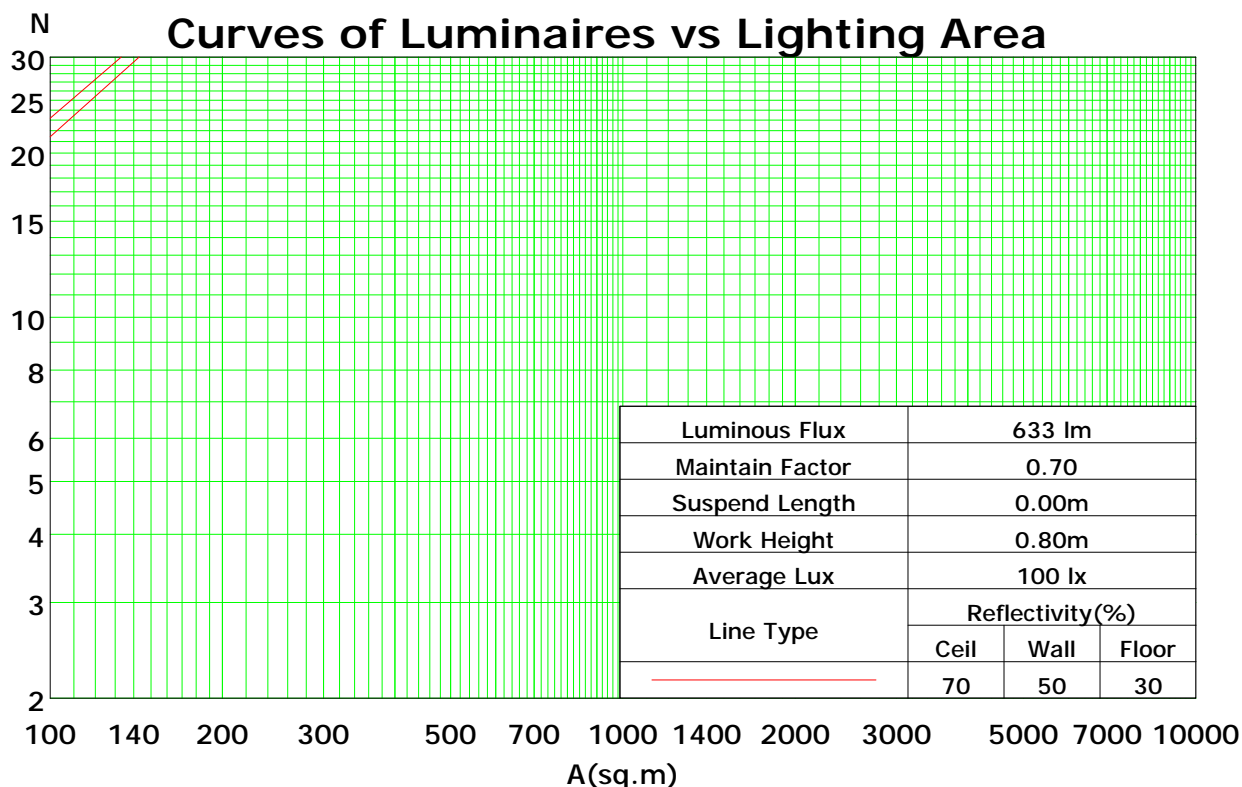
Coefficients Of Utilization - Zonal Cavity Method

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	109	107	104	110	107	105	102	102	100	99	98	97	95	94	93	92	90
2	107	101	97	94	104	100	96	92	96	93	90	92	90	88	89	87	85	83
3	101	95	89	85	99	93	88	84	90	86	83	87	84	81	84	82	79	78
4	96	88	83	79	94	87	82	78	84	80	77	82	78	75	80	77	74	73
5	91	83	77	73	90	82	76	72	80	75	71	78	74	71	76	72	70	68
6	87	78	72	68	85	77	72	68	75	71	67	74	70	66	72	68	66	64
7	83	74	68	64	82	73	68	64	72	67	63	70	66	63	69	65	62	61
8	79	70	64	60	78	69	64	60	68	63	60	67	62	59	66	62	59	57
9	76	67	61	57	75	66	61	57	65	60	57	64	59	56	63	59	56	55
10	73	64	58	54	72	63	58	54	62	57	54	61	57	54	60	56	53	52

Spacing Criteria (0-180): 0.64

Spacing Criteria (90-270): 0.42

Spacing Criteria (Diagonal): 0.55



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

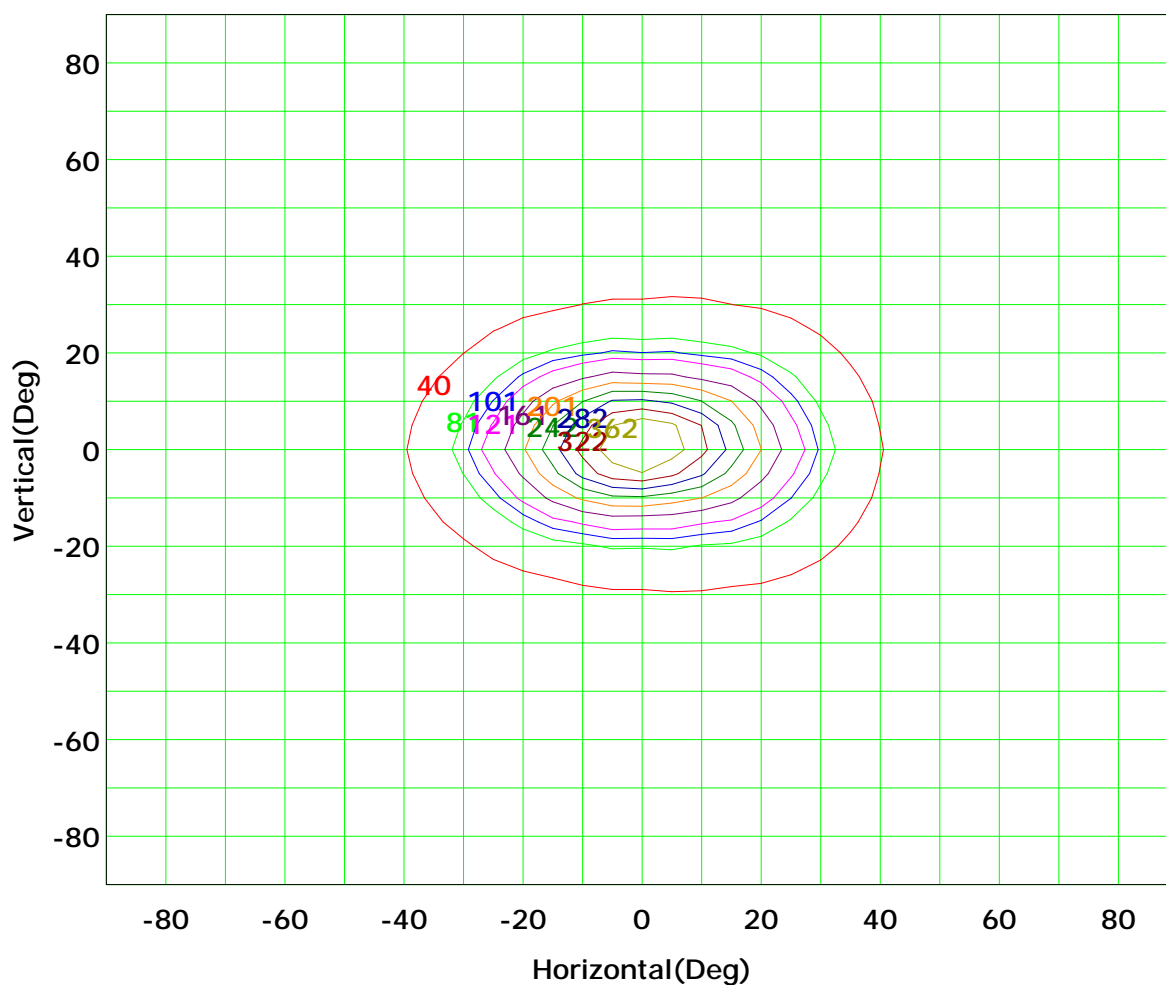
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



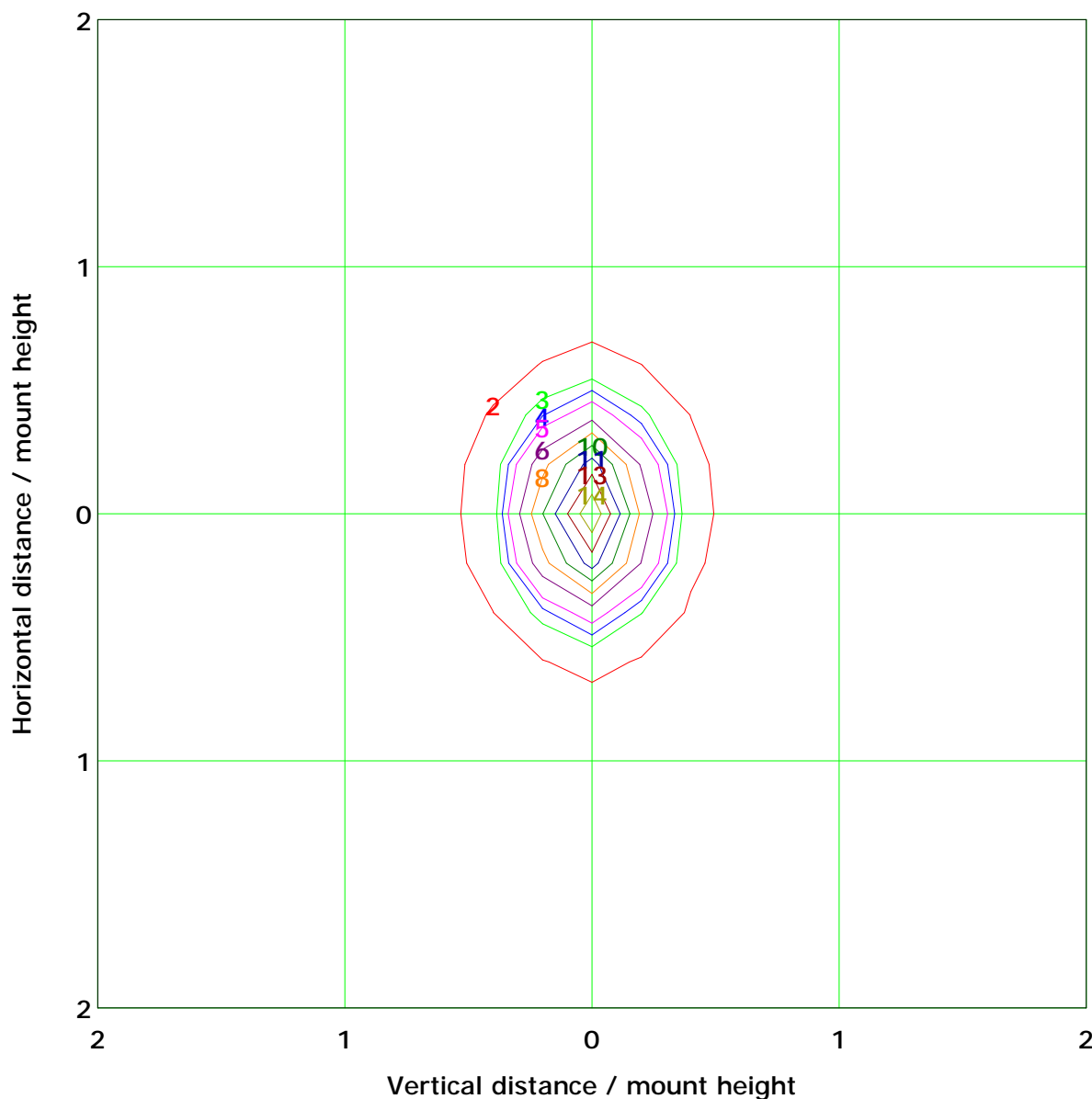
I_{max} (100%): 403 cd

(10%):	40 cd	(20%):	81 cd
(25%):	101 cd	(30%):	121 cd
(40%):	161 cd	(50%):	201 cd
(60%):	242 cd	(70%):	282 cd
(80%):	322 cd	(90%):	362 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%): 16.1 lx	
(10%): 1.6 lx	(20%): 3.2 lx
(25%): 4.0 lx	(30%): 4.8 lx
(40%): 6.4 lx	(50%): 8.0 lx
(60%): 9.7 lx	(70%): 11.3 lx
(80%): 12.9 lx	(90%): 14.5 lx

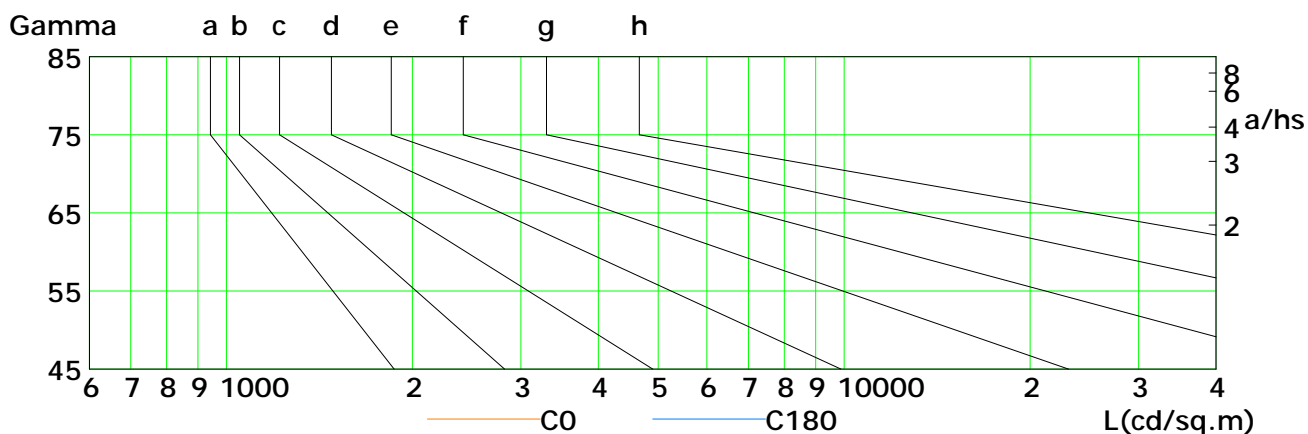
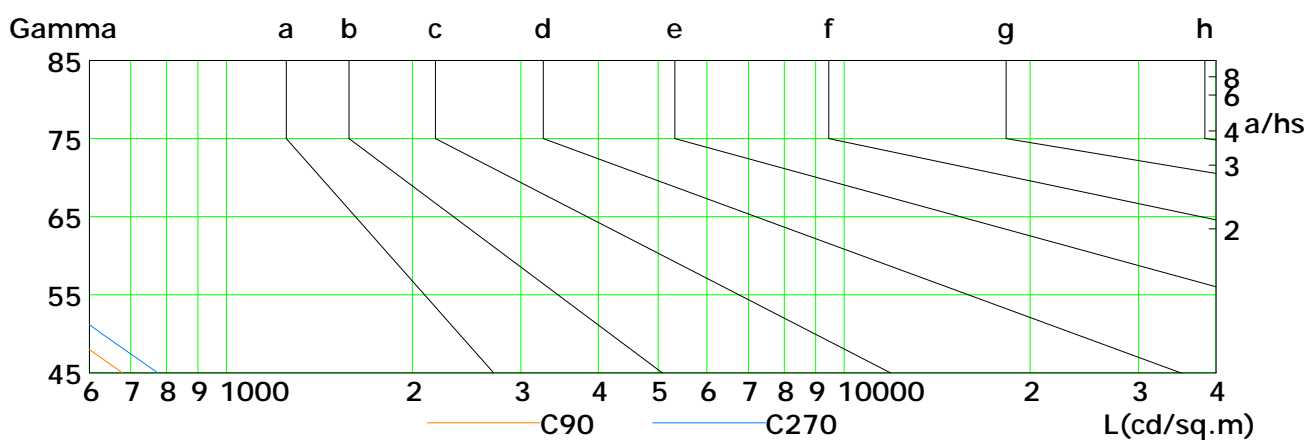
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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

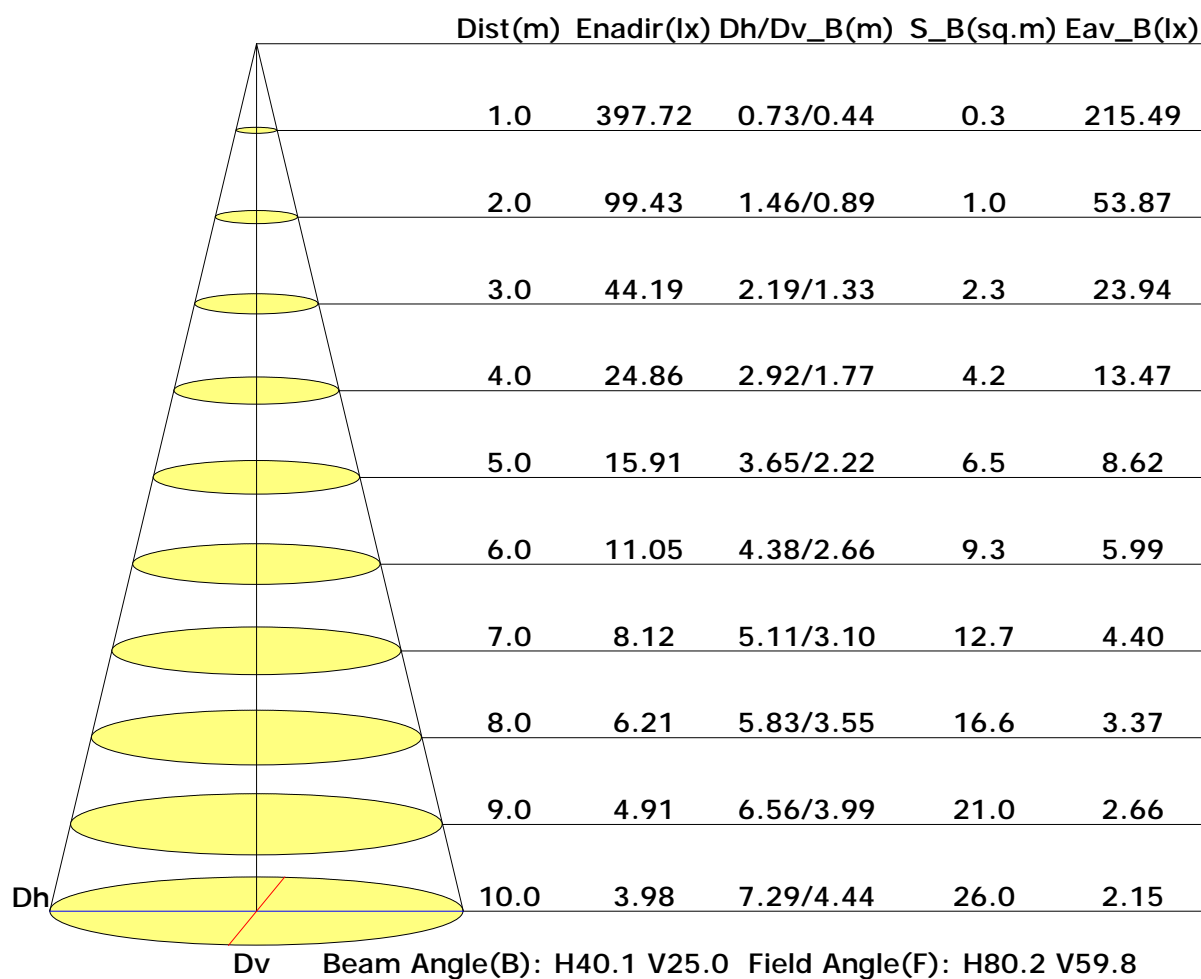


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	523	324	203	129	91	65	49	34	24
C90	679	552	442	345	268	214	169	150	209
C180	596	369	214	127	81	58	42	28	22
C270	775	629	516	406	319	249	207	174	229

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

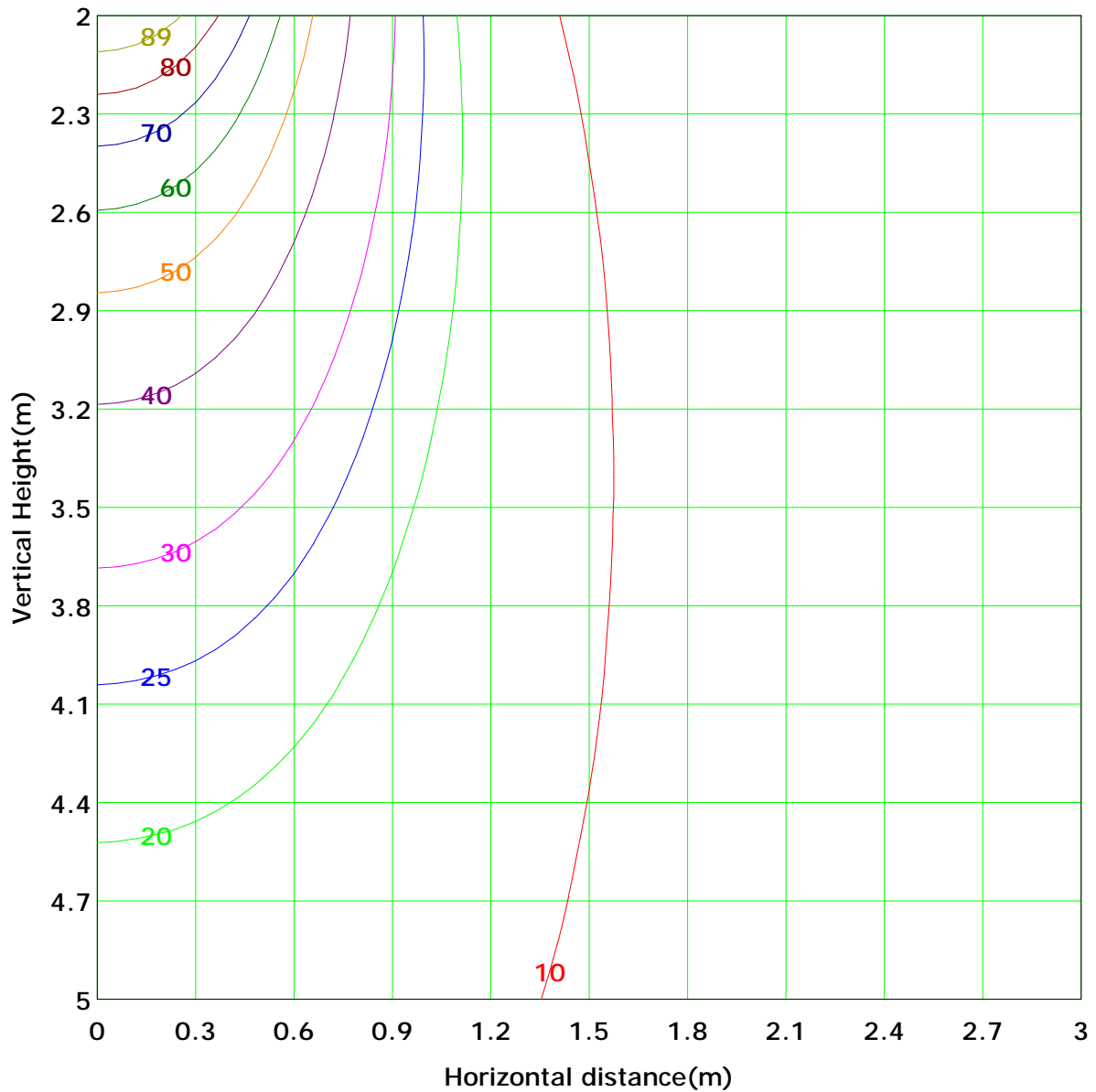


C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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: 99.4 lx
(10%): 9.9 lx	(20%): 19.9 lx	
(25%): 24.9 lx	(30%): 29.8 lx	
(40%): 39.8 lx	(50%): 49.7 lx	
(60%): 59.7 lx	(70%): 69.6 lx	
(80%): 79.5 lx	(90%): 89.5 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

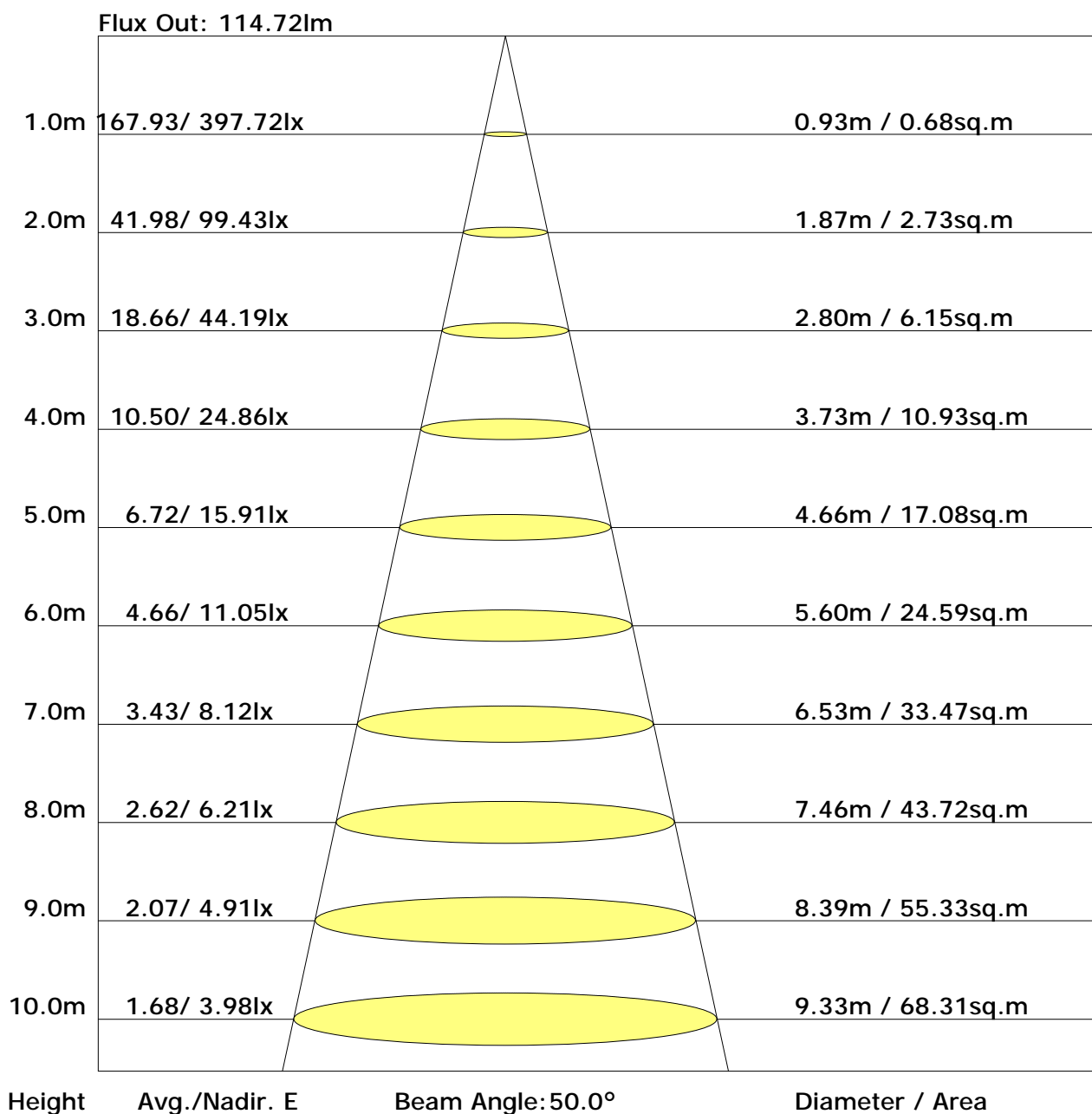
Unit: lm

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	0.2	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	0.5	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	1.4	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	3.8	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	8.5	4.6
	-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	16.8	13.3
	-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	28.0	24.5
	-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	37.1	33.5
	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.2	33.7
	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	26.9	23.4
	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	15.1	11.7
	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	7.3	3.3
	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	3.2	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	1.3	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	0.5	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	0.2	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	188	
	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		148
	Flux(T)Flux(E)																					

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	8.3	9.4	8.7	9.7	10.1	5.9	7.0	6.4	7.4	7.8
3H	9.2	10.1	9.6	10.5	11.0	6.4	7.3	6.9	7.7	8.2
4H	9.6	10.4	10.0	10.8	11.3	6.5	7.4	7.0	7.8	8.3
6H	9.9	10.7	10.4	11.1	11.6	6.5	7.3	7.0	7.8	8.2
8H	10.0	10.8	10.5	11.2	11.7	6.5	7.3	7.0	7.7	8.2
12H	10.2	10.9	10.7	11.3	11.8	6.5	7.2	7.0	7.7	8.2
X=4H Y=2H	8.3	9.2	8.8	9.6	10.0	6.2	7.0	6.6	7.4	7.9
3H	9.3	10.0	9.7	10.4	10.9	6.7	7.4	7.2	7.9	8.4
4H	9.7	10.3	10.2	10.8	11.3	6.9	7.5	7.4	8.0	8.5
6H	10.1	10.6	10.6	11.1	11.7	7.0	7.5	7.5	8.0	8.6
8H	10.3	10.8	10.8	11.3	11.8	7.0	7.5	7.5	8.0	8.5
12H	10.5	10.9	11.0	11.4	12.0	7.0	7.4	7.5	8.0	8.5
X=8H Y=4H	9.6	10.1	10.1	10.6	11.2	6.9	7.4	7.4	7.9	8.5
6H	10.0	10.4	10.6	11.0	11.5	7.0	7.4	7.6	8.0	8.6
8H	10.2	10.6	10.8	11.2	11.7	7.1	7.4	7.7	8.0	8.6
12H	10.5	10.8	11.1	11.4	12.0	7.2	7.5	7.7	8.0	8.7
X=12H Y=4H	9.5	10.0	10.1	10.5	11.1	6.9	7.3	7.4	7.9	8.4
6H	10.0	10.3	10.6	10.9	11.5	7.0	7.4	7.6	7.9	8.5
8H	10.2	10.5	10.8	11.1	11.7	7.1	7.4	7.7	8.0	8.6

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	0.96	1.01	1.04	1.06	1.08	1.10
	0.30		0.77	0.84	0.89	0.92	0.97	1.00	1.02	1.06	1.08
	0.20		0.74	0.81	0.85	0.89	0.94	0.97	1.00	1.03	1.06
0.50	0.50	0.20	0.81	0.87	0.91	0.94	0.97	1.00	1.01	1.04	1.05
	0.30		0.76	0.83	0.87	0.90	0.94	0.97	0.99	1.02	1.03
	0.20		0.73	0.80	0.84	0.87	0.92	0.95	0.97	1.00	1.02
0.30	0.50	0.20	0.79	0.85	0.88	0.91	0.94	0.96	0.98	1.00	1.01
	0.30		0.75	0.81	0.85	0.88	0.92	0.94	0.96	0.98	0.99
	0.20		0.73	0.79	0.83	0.86	0.90	0.92	0.94	0.97	0.98
0.00	0.00	0.00	0.71	0.76	0.80	0.83	0.86	0.88	0.90	0.92	0.93
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	0.50	0.42	0.37	0.29	0.24	0.20	0.16	0.13
	0.30		0.51	0.43	0.37	0.32	0.26	0.22	0.19	0.15	0.12
	0.20		0.44	0.37	0.33	0.29	0.24	0.20	0.18	0.14	0.12
0.50	0.50	0.20	0.58	0.47	0.39	0.34	0.27	0.26	0.19	0.14	0.12
	0.30		0.49	0.41	0.35	0.30	0.24	0.20	0.17	0.14	0.11
	0.20		0.43	0.36	0.31	0.27	0.22	0.19	0.16	0.13	0.11
0.30	0.50	0.20	0.55	0.44	0.37	0.31	0.24	0.20	0.17	0.13	0.11
	0.30		0.47	0.39	0.33	0.28	0.23	0.19	0.16	0.13	0.10
	0.20		0.41	0.34	0.30	0.26	0.21	0.18	0.15	0.12	0.10
0.00	0.00	0.00	0.28	0.22	0.18	0.16	0.12	0.10	0.08	0.06	0.05
<p>Rating:9W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>											

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	0.23	0.23	0.24	
	0.30		0.12	0.14	0.15	0.16	0.18	0.20	0.20	0.22	0.23	
	0.20		0.09	0.11	0.13	0.14	0.16	0.17	0.18	0.20	0.21	
0.50	0.50	0.20	0.16	0.17	0.18	0.19	0.20	0.21	0.22	0.23	0.23	
	0.30		0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.22	
	0.20		0.09	0.11	0.12	0.14	0.16	0.17	0.18	0.19	0.20	
0.30	0.50	0.20	0.15	0.17	0.18	0.18	0.20	0.20	0.21	0.22	0.22	
	0.30		0.12	0.13	0.15	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	398.2	0.4	0.4	0.20	0.20
1.0-2.0	396.9	1.1	1.5	0.59	0.78
2.0-3.0	394.1	1.9	3.4	0.97	1.75
3.0-4.0	389.4	2.6	6.0	1.34	3.09
4.0-5.0	382.3	3.3	9.3	1.69	4.79
5.0-6.0	372.4	3.9	13.2	2.01	6.80
6.0-7.0	359.9	4.5	17.7	2.30	9.10
7.0-8.0	344.8	4.9	22.6	2.54	11.64
8.0-9.0	327.8	5.3	27.9	2.73	14.38
9.0-10.0	309.5	5.6	33.5	2.88	17.26
10.0-11.0	290.5	5.8	39.3	2.99	20.25
11.0-12.0	271.1	5.9	45.3	3.05	23.30
12.0-13.0	251.9	6.0	51.2	3.08	26.38
13.0-14.0	233.8	6.0	57.2	3.08	29.46
14.0-15.0	216.3	5.9	63.2	3.06	32.51
15.0-16.0	199.8	5.9	69.0	3.01	35.53
16.0-17.0	184.5	5.7	74.8	2.96	38.48
17.0-18.0	170.1	5.6	80.4	2.89	41.37
18.0-19.0	156.7	5.5	85.8	2.81	44.18
19.0-20.0	144.4	5.3	91.1	2.72	46.90
20.0-21.0	132.9	5.1	96.2	2.63	49.53
21.0-22.0	122.2	4.9	101.1	2.53	52.06
22.0-23.0	112.5	4.7	105.9	2.43	54.49
23.0-24.0	103.6	4.5	110.4	2.33	56.82
24.0-25.0	95.3	4.3	114.7	2.23	59.05
25.0-26.0	87.7	4.1	118.9	2.13	61.18
26.0-27.0	80.7	3.9	122.8	2.03	63.21
27.0-28.0	74.3	3.8	126.6	1.94	65.15
28.0-29.0	68.4	3.6	130.2	1.84	66.99
29.0-30.0	63.1	3.4	133.6	1.75	68.74
30.0-31.0	58.2	3.2	136.8	1.67	70.41
31.0-32.0	53.6	3.1	139.9	1.58	71.99
32.0-33.0	49.5	2.9	142.8	1.50	73.49
33.0-34.0	45.7	2.8	145.5	1.42	74.91
34.0-35.0	42.2	2.6	148.2	1.35	76.26
35.0-36.0	39.0	2.5	150.6	1.28	77.54

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	36.0	2.4	153.0	1.21	78.75
37.0-38.0	33.3	2.2	155.2	1.14	79.89
38.0-39.0	30.8	2.1	157.3	1.08	80.98
39.0-40.0	28.5	2.0	159.3	1.02	82.00
40.0-41.0	26.4	1.9	161.2	0.97	82.97
41.0-42.0	24.5	1.8	163.0	0.92	83.89
42.0-43.0	22.7	1.7	164.7	0.87	84.75
43.0-44.0	21.1	1.6	166.2	0.82	85.57
44.0-45.0	19.5	1.5	167.7	0.77	86.34
45.0-46.0	18.1	1.4	169.2	0.73	87.07
46.0-47.0	16.8	1.3	170.5	0.69	87.76
47.0-48.0	15.6	1.3	171.8	0.65	88.41
48.0-49.0	14.5	1.2	172.9	0.61	89.02
49.0-50.0	13.4	1.1	174.1	0.57	89.59
50.0-51.0	12.4	1.0	175.1	0.54	90.13
51.0-52.0	11.5	1.0	176.1	0.51	90.64
52.0-53.0	10.6	0.9	177.0	0.47	91.11
53.0-54.0	9.8	0.9	177.9	0.44	91.56
54.0-55.0	9.0	0.8	178.7	0.42	91.97
55.0-56.0	8.3	0.8	179.4	0.39	92.36
56.0-57.0	7.6	0.7	180.1	0.36	92.72
57.0-58.0	7.0	0.7	180.8	0.33	93.06
58.0-59.0	6.5	0.6	181.4	0.31	93.37
59.0-60.0	5.9	0.6	182.0	0.29	93.66
60.0-61.0	5.5	0.5	182.5	0.27	93.92
61.0-62.0	5.0	0.5	183.0	0.25	94.17
62.0-63.0	4.6	0.4	183.4	0.23	94.40
63.0-64.0	4.2	0.4	183.8	0.21	94.61
64.0-65.0	3.9	0.4	184.2	0.20	94.81
65.0-66.0	3.5	0.4	184.5	0.18	94.99
66.0-67.0	3.2	0.3	184.9	0.17	95.16
67.0-68.0	3.0	0.3	185.2	0.15	95.31
68.0-69.0	2.7	0.3	185.5	0.14	95.46
69.0-70.0	2.5	0.3	185.7	0.13	95.59
70.0-71.0	2.3	0.2	186.0	0.12	95.71
71.0-72.0	2.1	0.2	186.2	0.11	95.82

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	1.9	0.2	186.4	0.10	95.93
73.0-74.0	1.8	0.2	186.6	0.10	96.02
74.0-75.0	1.6	0.2	186.7	0.09	96.11
75.0-76.0	1.5	0.2	186.9	0.08	96.20
76.0-77.0	1.4	0.1	187.0	0.07	96.27
77.0-78.0	1.2	0.1	187.2	0.07	96.34
78.0-79.0	1.1	0.1	187.3	0.06	96.40
79.0-80.0	1.0	0.1	187.4	0.06	96.46
80.0-81.0	0.9	0.1	187.5	0.05	96.51
81.0-82.0	0.9	0.1	187.6	0.05	96.56
82.0-83.0	0.8	0.1	187.7	0.05	96.61
83.0-84.0	0.8	0.1	187.8	0.04	96.65
84.0-85.0	0.7	0.1	187.9	0.04	96.69
85.0-86.0	0.7	0.1	187.9	0.04	96.73
86.0-87.0	0.7	0.1	188.0	0.04	96.77
87.0-88.0	0.7	0.1	188.1	0.04	96.81
88.0-89.0	0.7	0.1	188.2	0.04	96.84
89.0-90.0	0.7	0.1	188.2	0.04	96.88
90.0-91.0	0.7	0.1	188.3	0.04	96.92
91.0-92.0	0.7	0.1	188.4	0.04	96.96
92.0-93.0	0.7	0.1	188.4	0.04	96.99
93.0-94.0	0.7	0.1	188.5	0.04	97.03
94.0-95.0	0.7	0.1	188.6	0.04	97.07
95.0-96.0	0.7	0.1	188.7	0.04	97.11
96.0-97.0	0.7	0.1	188.7	0.04	97.14
97.0-98.0	0.7	0.1	188.8	0.04	97.18
98.0-99.0	0.7	0.1	188.9	0.04	97.22
99.0-100.0	0.7	0.1	189.0	0.04	97.26
100.0-101.0	0.7	0.1	189.0	0.04	97.30
101.0-102.0	0.7	0.1	189.1	0.04	97.33
102.0-103.0	0.7	0.1	189.2	0.04	97.37
103.0-104.0	0.7	0.1	189.3	0.04	97.41
104.0-105.0	0.7	0.1	189.3	0.04	97.45
105.0-106.0	0.7	0.1	189.4	0.04	97.49
106.0-107.0	0.7	0.1	189.5	0.04	97.52
107.0-108.0	0.7	0.1	189.5	0.04	97.56

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:

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	189.6	0.04	97.60
109.0-110.0	0.7	0.1	189.7	0.04	97.64
110.0-111.0	0.7	0.1	189.8	0.04	97.68
111.0-112.0	0.7	0.1	189.8	0.04	97.71
112.0-113.0	0.7	0.1	189.9	0.04	97.75
113.0-114.0	0.7	0.1	190.0	0.04	97.79
114.0-115.0	0.7	0.1	190.1	0.04	97.83
115.0-116.0	0.8	0.1	190.1	0.04	97.87
116.0-117.0	0.8	0.1	190.2	0.04	97.90
117.0-118.0	0.8	0.1	190.3	0.04	97.94
118.0-119.0	0.8	0.1	190.4	0.04	97.98
119.0-120.0	0.8	0.1	190.4	0.04	98.02
120.0-121.0	0.8	0.1	190.5	0.04	98.06
121.0-122.0	0.8	0.1	190.6	0.04	98.10
122.0-123.0	0.8	0.1	190.7	0.04	98.14
123.0-124.0	0.8	0.1	190.7	0.04	98.17
124.0-125.0	0.9	0.1	190.8	0.04	98.21
125.0-126.0	0.9	0.1	190.9	0.04	98.25
126.0-127.0	0.9	0.1	191.0	0.04	98.29
127.0-128.0	0.9	0.1	191.0	0.04	98.33
128.0-129.0	0.9	0.1	191.1	0.04	98.38
129.0-130.0	0.9	0.1	191.2	0.04	98.42
130.0-131.0	0.9	0.1	191.3	0.04	98.46
131.0-132.0	1.0	0.1	191.4	0.04	98.50
132.0-133.0	1.0	0.1	191.4	0.04	98.54
133.0-134.0	1.0	0.1	191.5	0.04	98.58
134.0-135.0	1.0	0.1	191.6	0.04	98.62
135.0-136.0	1.1	0.1	191.7	0.04	98.66
136.0-137.0	1.1	0.1	191.8	0.04	98.71
137.0-138.0	1.1	0.1	191.8	0.04	98.75
138.0-139.0	1.1	0.1	191.9	0.04	98.79
139.0-140.0	1.2	0.1	192.0	0.04	98.83
140.0-141.0	1.2	0.1	192.1	0.04	98.88
141.0-142.0	1.2	0.1	192.2	0.04	98.92
142.0-143.0	1.3	0.1	192.3	0.04	98.96
143.0-144.0	1.3	0.1	192.4	0.04	99.01

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 4)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	1.3	0.1	192.4	0.04	99.05
145.0-146.0	1.3	0.1	192.5	0.04	99.09
146.0-147.0	1.4	0.1	192.6	0.04	99.14
147.0-148.0	1.4	0.1	192.7	0.04	99.18
148.0-149.0	1.4	0.1	192.8	0.04	99.22
149.0-150.0	1.5	0.1	192.9	0.04	99.26
150.0-151.0	1.5	0.1	192.9	0.04	99.30
151.0-152.0	1.5	0.1	193.0	0.04	99.34
152.0-153.0	1.6	0.1	193.1	0.04	99.39
153.0-154.0	1.6	0.1	193.2	0.04	99.43
154.0-155.0	1.6	0.1	193.2	0.04	99.46
155.0-156.0	1.6	0.1	193.3	0.04	99.50
156.0-157.0	1.7	0.1	193.4	0.04	99.54
157.0-158.0	1.7	0.1	193.5	0.04	99.58
158.0-159.0	1.7	0.1	193.5	0.04	99.61
159.0-160.0	1.7	0.1	193.6	0.03	99.65
160.0-161.0	1.7	0.1	193.7	0.03	99.68
161.0-162.0	1.8	0.1	193.7	0.03	99.71
162.0-163.0	1.8	0.1	193.8	0.03	99.74
163.0-164.0	1.8	0.1	193.8	0.03	99.77
164.0-165.0	1.8	0.1	193.9	0.03	99.80
165.0-166.0	1.8	0.0	193.9	0.03	99.82
166.0-167.0	1.8	0.0	194.0	0.02	99.85
167.0-168.0	1.8	0.0	194.0	0.02	99.87
168.0-169.0	1.8	0.0	194.1	0.02	99.89
169.0-170.0	1.9	0.0	194.1	0.02	99.91
170.0-171.0	1.9	0.0	194.1	0.02	99.92
171.0-172.0	1.9	0.0	194.2	0.02	99.94
172.0-173.0	1.9	0.0	194.2	0.01	99.95
173.0-174.0	1.9	0.0	194.2	0.01	99.97
174.0-175.0	1.9	0.0	194.2	0.01	99.98
175.0-176.0	1.9	0.0	194.3	0.01	99.99
176.0-177.0	1.9	0.0	194.3	0.01	99.99
177.0-178.0	1.9	0.0	194.3	0.00	100.00
178.0-179.0	1.9	0.0	194.3	0.00	100.00
179.0-180.0	1.9	0.0	194.3	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: