GENLED Brands
www.genledbrands.com
Tel:+1 212 629 6830
Fax:

Report No.: 20230921 **Test Time: 2023/9/25 15:44**

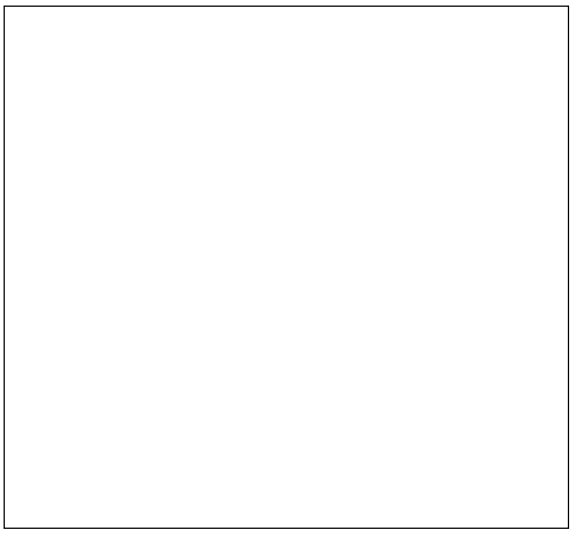
Luminaire Property

Luminaire Manufacturer: Acolyte
Luminaire Category: Nano Pivot
Luminaire Description: Nano pivot rgbw4000k 9.75 - Blue only
Lamp Catalog: Optic BA 25*45 degree **Luminous Length (mm): 1000**
Luminous Width (mm): 28 **Luminous Height (mm): 36**
Voltage: 24.0 V **Current: 0.387 A**
Power: 9.30 W **Power Factor: 1.000**

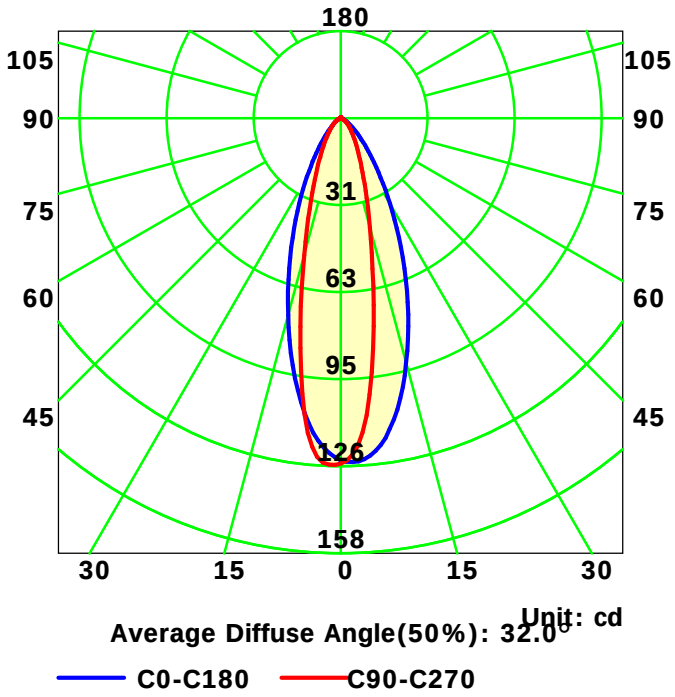
Photometric Results

CIE Class: Direct **Total Rated Lamp Lumens: 58.4 lm**
Measurement Flux: 58.4 lm **Efficiency: 100%**
Downward Ratio: 99% **Upward Ratio: 1%**
Horizontal Diffuse Angle(10%,50%): H80.1,H40
Vertical Diffuse Angle(10%,50%): V60.1,V24
Luminaire Efficacy Rating (LER): 6 **Central Intensity: 124.78 cd**
Max. Intensity: 126.46 cd **Pos of Max. Intensity: H270 V1**

Picture Of Luminaire



Luminous Intensity Distribution Curve



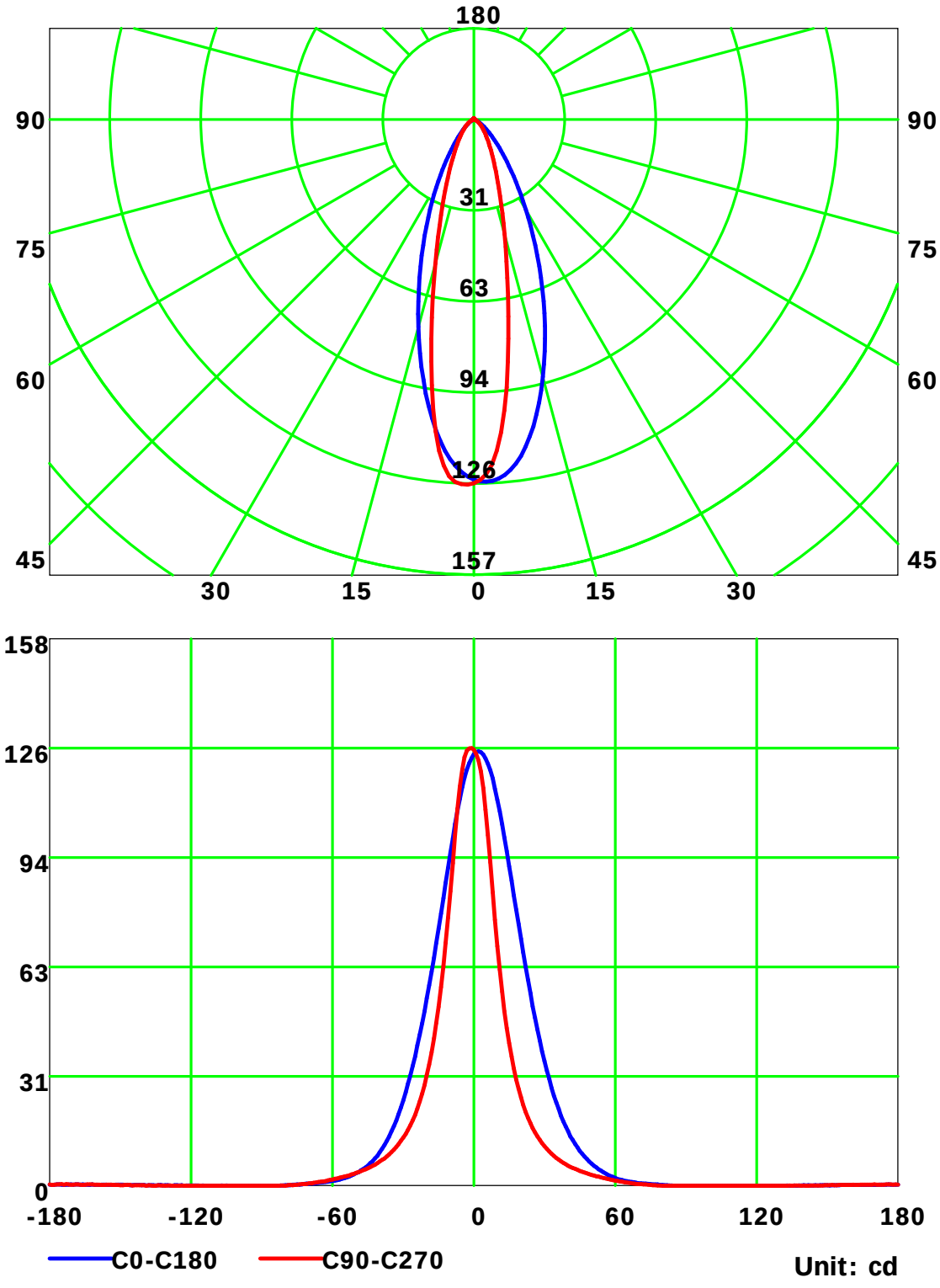
Unit: cd

Average Diffuse Angle(50%): 32.0

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: 9.028 m**
Temperature: 25 **Humidity: 60%**
Operator: Jacky **Inspector:**

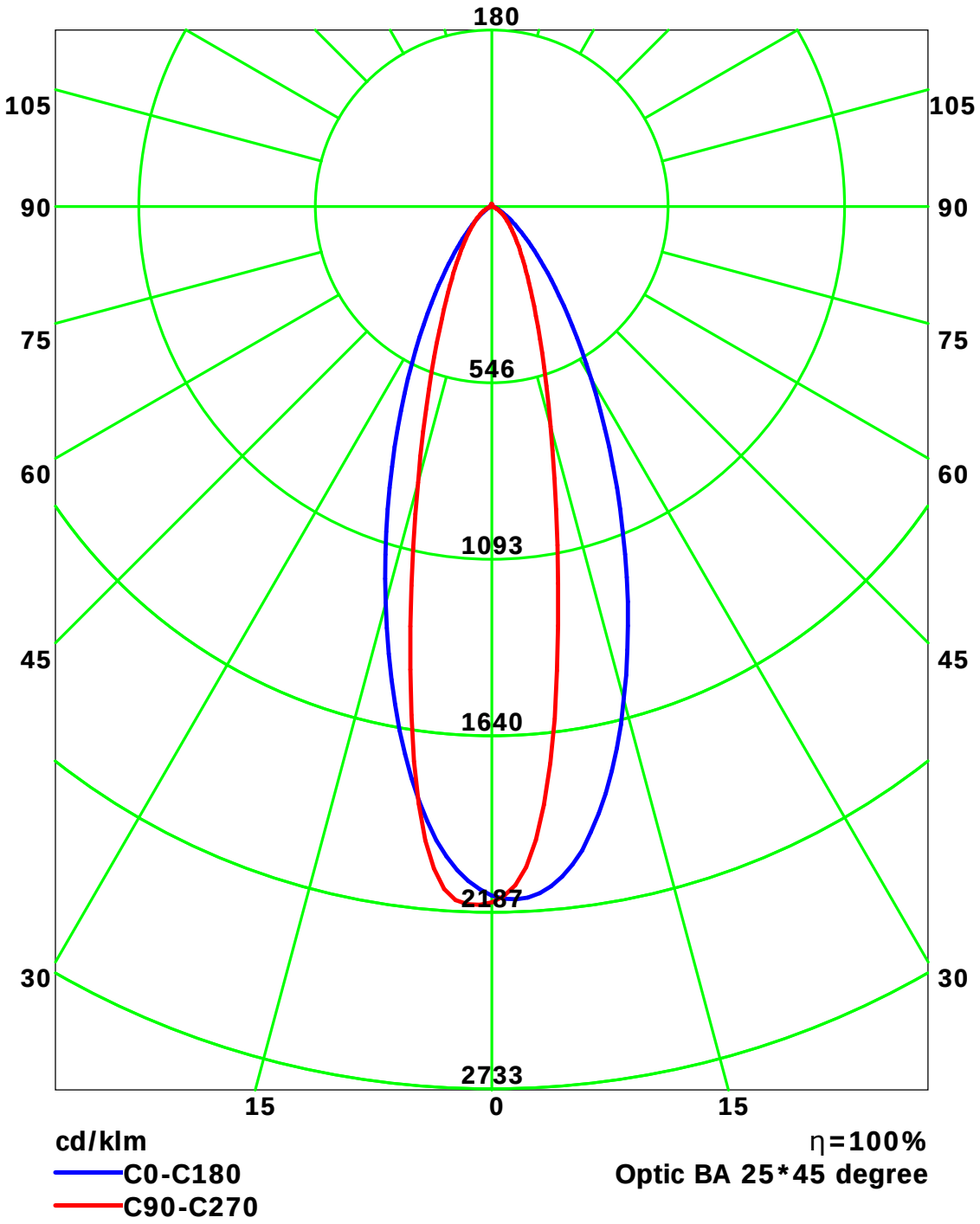
Luminous Intensity Distribution Curve



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: 9.028 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

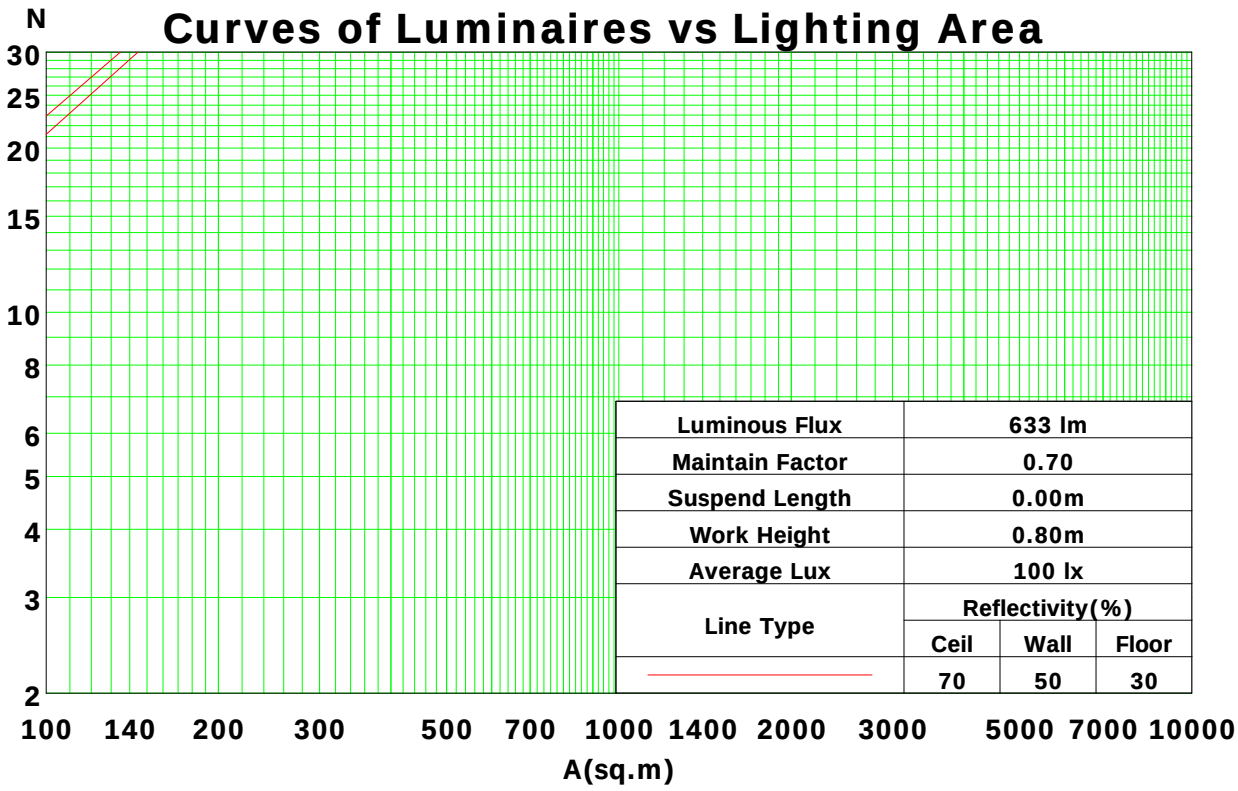
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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	111	111	111	106	106	106	101	101	101	99
1	113	110	108	106	111	108	106	104	104	102	100	100	99	97	96	95	94	92
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	91	89	87	86
3	102	96	91	87	100	94	89	86	91	87	84	89	86	83	86	84	81	80
4	97	89	84	80	95	88	83	79	86	82	78	84	80	77	82	79	76	75
5	92	84	78	74	91	83	78	74	81	76	73	79	75	72	78	74	71	70
6	88	79	73	69	86	78	73	69	77	72	68	75	71	68	74	70	67	66
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	70	67	64	62
8	80	71	65	61	79	70	65	61	69	64	61	68	64	61	67	63	60	59
9	77	68	62	58	76	67	62	58	66	61	58	65	61	57	64	60	57	56
10	74	64	59	55	73	64	59	55	63	58	55	62	58	55	62	57	55	53

Spacing Criteria (0-180): 0.64
Spacing Criteria (90-270): 0.41
Spacing Criteria (Diagonal): 0.54

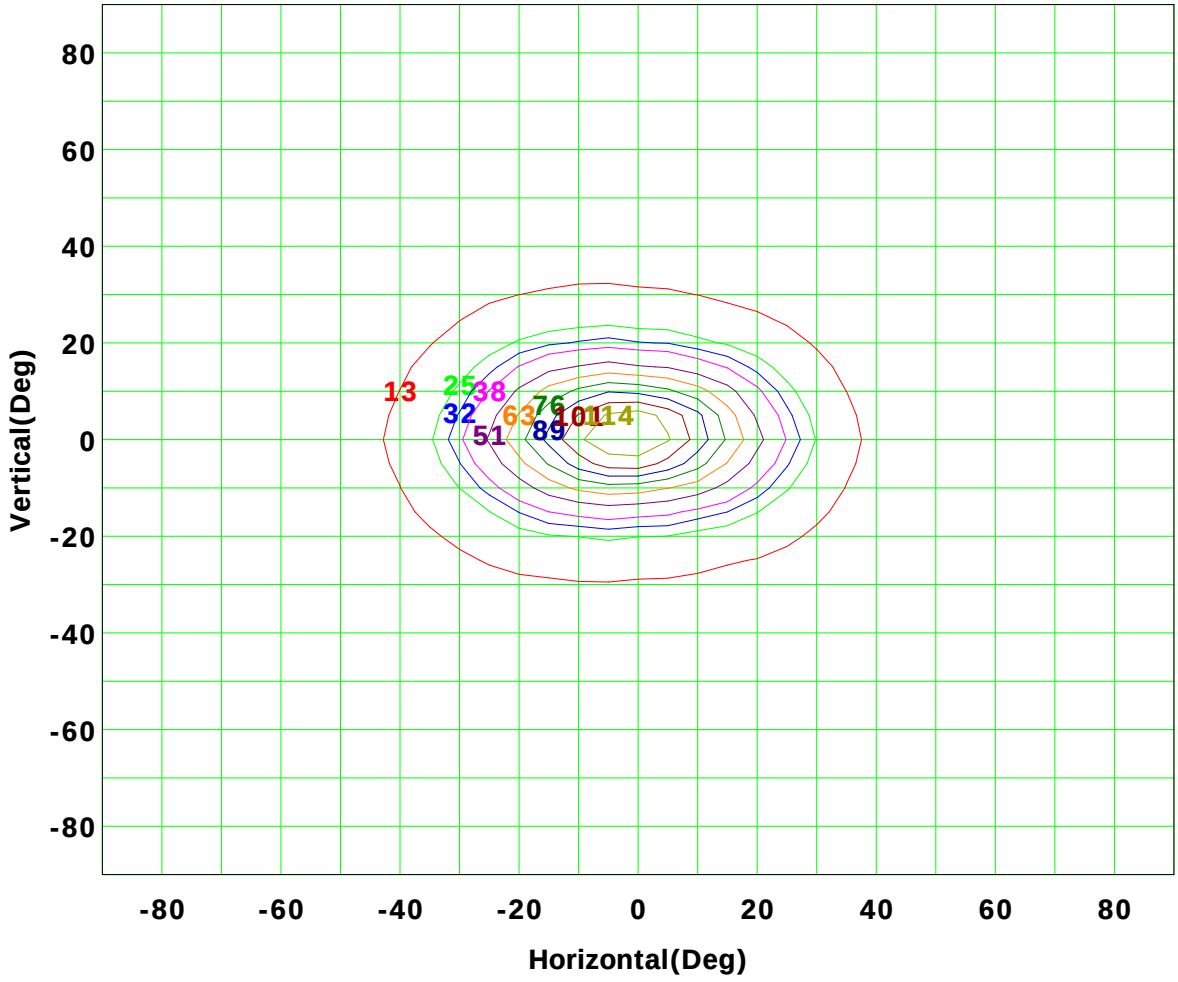
Curves of Luminaires vs Lighting Area



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: 9.028 m
Humidity: 60%
Inspector:

Isocandela (rectangle)



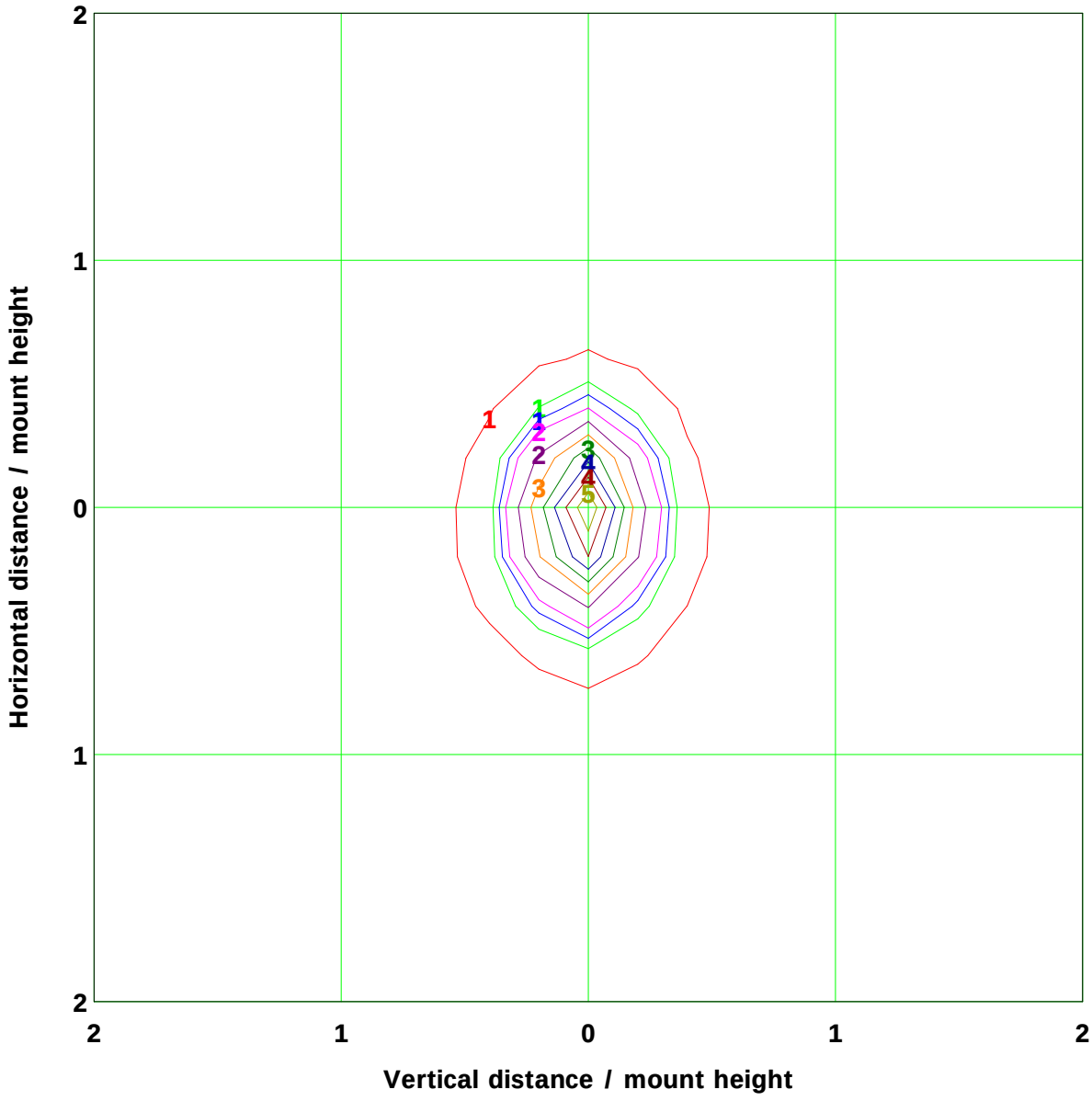
Imax (100%): 126 cd

(10%):	13 cd	(20%):	25 cd
(25%):	32 cd	(30%):	38 cd
(40%):	51 cd	(50%):	63 cd
(60%):	76 cd	(70%):	89 cd
(80%):	101 cd	(90%):	114 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%): 5.1 lx

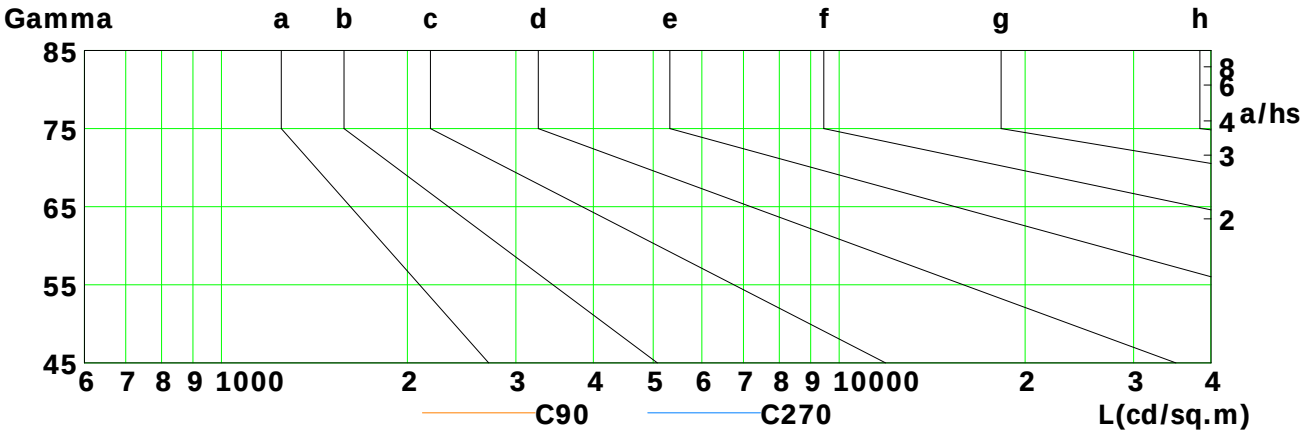
(10%): 0.5 lx	(20%): 1.0 lx
(25%): 1.3 lx	(30%): 1.5 lx
(40%): 2.0 lx	(50%): 2.5 lx
(60%): 3.0 lx	(70%): 3.5 lx
(80%): 4.0 lx	(90%): 4.6 lx

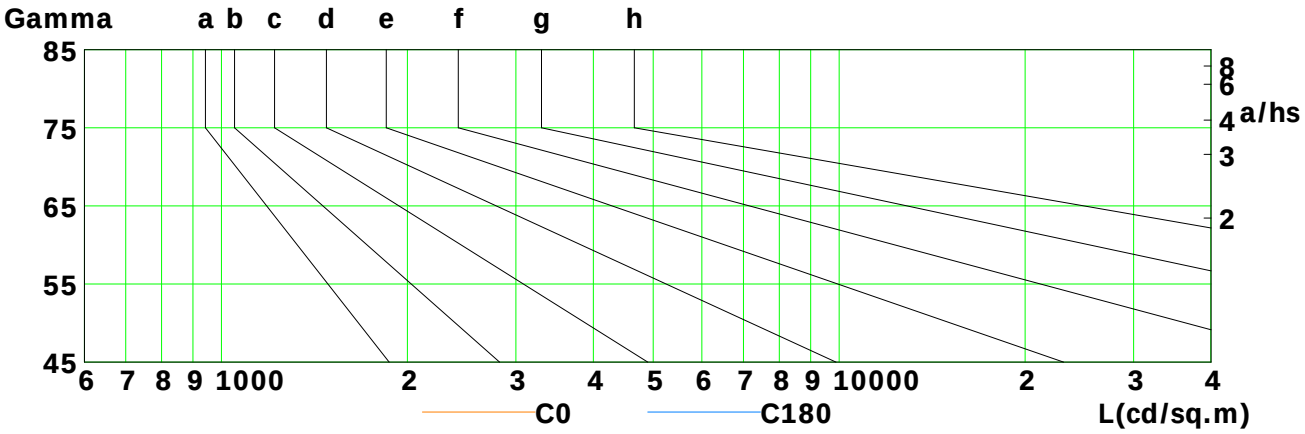
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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



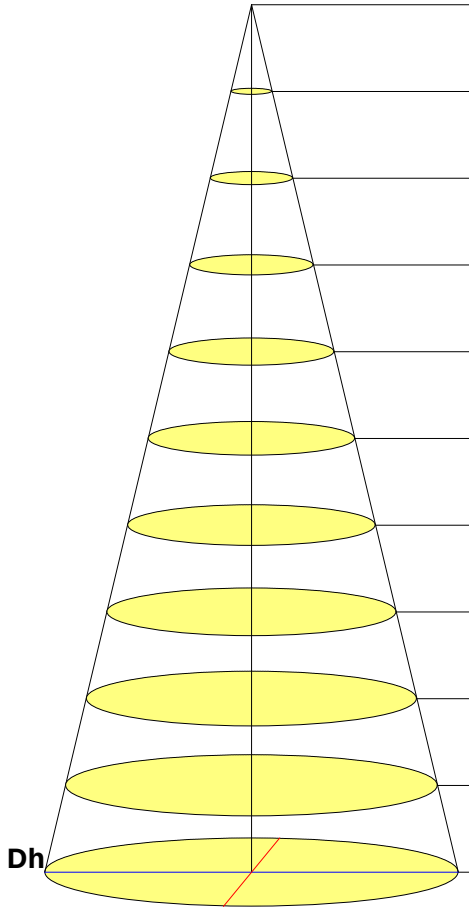


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	223	140	86	51	31	17	12	6	2
C90	211	169	136	103	75	51	29	12	0
C180	130	80	49	31	21	14	10	4	0
C270	247	201	159	121	93	70	46	12	3

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: 9.028 m
Humidity: 60%
Inspector:

Illuminance at a Distance



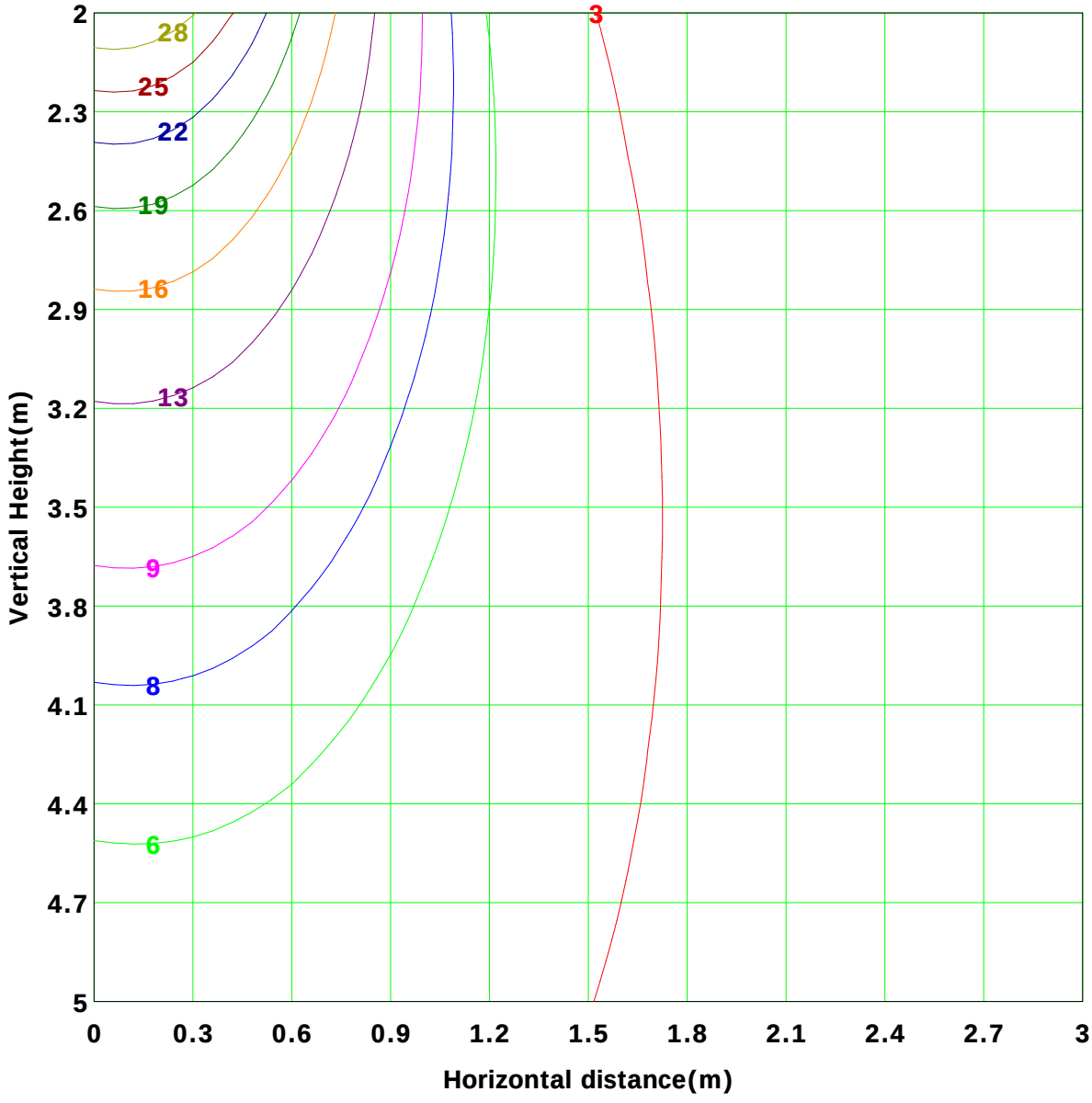
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	124.78	0.73/0.42	0.2	67.40
2.0	31.19	1.46/0.85	1.0	16.85
3.0	13.86	2.19/1.27	2.2	7.49
4.0	7.80	2.91/1.70	4.0	4.21
5.0	4.99	3.64/2.12	6.2	2.70
6.0	3.47	4.37/2.55	9.0	1.87
7.0	2.55	5.10/2.97	12.2	1.38
8.0	1.95	5.83/3.40	16.0	1.05
9.0	1.54	6.56/3.82	20.2	0.83
10.0	1.25	7.28/4.25	25.0	0.67

Beam Angle(B): H40.0 V24.0 Field Angle(F): H80.1 V60.1

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: 31.3 lx

(10%): 3.1 lx	(20%): 6.3 lx
(25%): 7.8 lx	(30%): 9.4 lx
(40%): 12.5 lx	(50%): 15.7 lx
(60%): 18.8 lx	(70%): 21.9 lx
(80%): 25.1 lx	(90%): 28.2 lx

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
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Gamma Plane (°):0.0-180.0:1.0
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Distance: 9.028 m
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Area Flux Table

Unit: lm

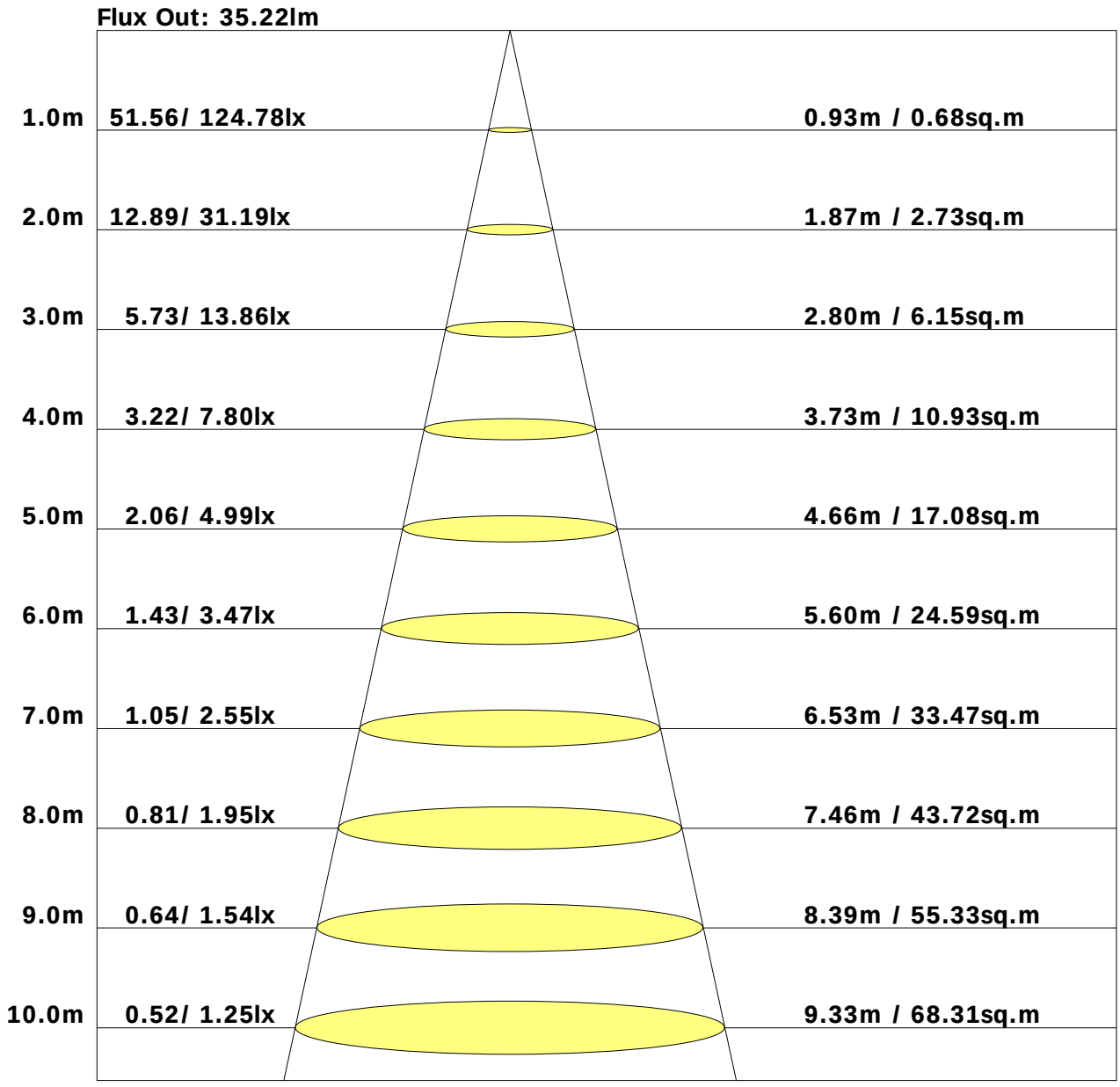
Vertical plane (columns) / Horizontal plane (rows)

Horizontal plane	Flux(E)	Flux(T)	90	80	70	60	50	40	30	20	10	0	-10	-20	-30	-40	-50	-60	-70	-80	-90
-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	
-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	
-70	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	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	0.3	0.0	0.0	0.0	0.0	0.0	0.0	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	0.8	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
-40	0.7	2.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0	
-30	3.2	4.3	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.6	0.9	0.9	0.6	0.3	0.2	0.1	0.1	0.0	0.0	0.0	
-20	6.6	7.7	0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.9	1.8	2.0	1.1	0.5	0.2	0.1	0.1	0.0	0.0	0.0	
-10	9.9	11.0	0.0	0.0	0.0	0.1	0.1	0.2	0.5	1.2	2.8	3.1	1.5	0.6	0.3	0.2	0.1	0.0	0.0	0.0	
0	10.7	11.8	0.0	0.0	0.0	0.1	0.1	0.3	0.5	1.3	3.1	3.3	1.7	0.7	0.3	0.2	0.1	0.0	0.0	0.0	
10	8.2	9.3	0.0	0.0	0.0	0.1	0.1	0.2	0.5	1.1	2.2	2.4	1.4	0.6	0.3	0.2	0.1	0.0	0.0	0.0	
20	4.7	5.7	0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.7	1.2	1.3	0.8	0.4	0.2	0.1	0.1	0.0	0.0	0.0	
30	1.8	2.9	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.5	0.6	0.4	0.2	0.1	0.1	0.0	0.0	0.0	0.0	
40	0.1	1.3	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	
50	0.0	0.5	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	0.0	
60	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	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	
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	
90																					
Flux(T)		58	0.0	0.1	0.2	0.5	1.0	1.7	3.3	7.0	13.5	14.5	8.2	3.8	2.0	1.1	0.6	0.3	0.1	0.0	
Flux(E)	46		0.0	0.0	0.0	0.0	0.0	0.0	2.0	6.3	13.0	14.0	7.6	2.8	0.1	0.0	0.0	0.0	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: 9.028 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	10.4	11.5	10.8	11.8	12.2	6.2	7.3	6.6	7.6	8.0
3H	10.9	11.8	11.3	12.2	12.5	6.5	7.5	6.9	7.8	8.2
4H	11.0	11.8	11.4	12.2	12.6	6.5	7.4	6.9	7.8	8.2
6H	11.0	11.8	11.5	12.2	12.6	6.4	7.2	6.9	7.6	8.1
8H	11.0	11.8	11.5	12.2	12.6	6.4	7.1	6.8	7.6	8.0
12H	11.0	11.7	11.4	12.1	12.5	6.3	7.0	6.8	7.5	7.9
X=4H Y=2H	10.3	11.2	10.7	11.5	12.0	6.4	7.3	6.8	7.7	8.1
3H	10.8	11.5	11.2	11.9	12.4	6.8	7.5	7.2	7.9	8.3
4H	10.9	11.5	11.4	12.0	12.5	6.8	7.4	7.2	7.8	8.3
6H	11.0	11.5	11.5	12.0	12.5	6.7	7.2	7.2	7.7	8.2
8H	11.0	11.5	11.4	11.9	12.4	6.6	7.1	7.1	7.6	8.1
12H	10.9	11.4	11.4	11.9	12.4	6.6	7.0	7.1	7.5	8.0
X=8H Y=4H	10.8	11.3	11.3	11.7	12.2	6.7	7.2	7.2	7.7	8.1
6H	10.8	11.2	11.3	11.7	12.2	6.6	7.0	7.1	7.5	8.0
8H	10.8	11.2	11.4	11.7	12.2	6.5	6.9	7.1	7.4	7.9
12H	10.8	11.1	11.3	11.6	12.2	6.5	6.8	7.0	7.3	7.9
X=12H Y=4H	10.7	11.1	11.2	11.7	12.2	6.6	7.1	7.1	7.6	8.1
6H	10.8	11.1	11.3	11.6	12.2	6.5	6.9	7.1	7.4	8.0
8H	10.8	11.1	11.3	11.6	12.2	6.5	6.8	7.0	7.3	7.9

Calculate in accordance with CIE 190:2010

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
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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	0.83	0.90	0.95	0.98	1.02	1.05	1.07	1.09	1.11
	0.30		0.79	0.86	0.90	0.94	0.98	1.02	1.04	1.07	1.09
	0.20		0.75	0.82	0.87	0.90	0.96	0.99	1.01	1.05	1.07
0.50	0.50	0.20	0.82	0.88	0.92	0.95	0.99	1.02	1.03	1.05	1.07
	0.30		0.78	0.84	0.89	0.92	0.96	0.99	1.01	1.03	1.05
	0.20		0.75	0.81	0.86	0.89	0.94	0.97	0.99	1.02	1.04
0.30	0.50	0.20	0.81	0.87	0.90	0.93	0.96	0.98	1.00	1.02	1.03
	0.30		0.77	0.83	0.87	0.90	0.94	0.96	0.98	1.00	1.01
	0.20		0.74	0.80	0.85	0.88	0.92	0.94	0.96	0.99	1.00
0.00	0.00	0.00	0.73	0.78	0.82	0.85	0.89	0.91	0.92	0.94	0.95

Rating:9W 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
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Gamma Plane (°):0.0-180.0:1.0
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Humidity: 60%
Inspector:

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	0.61	0.49	0.41	0.36	0.28	0.23	0.20	0.15	0.12
	0.30		0.51	0.42	0.36	0.32	0.25	0.21	0.18	0.14	0.12
	0.20		0.44	0.37	0.32	0.28	0.23	0.20	0.17	0.13	0.11
0.50	0.50	0.20	0.58	0.46	0.39	0.33	0.26	0.25	0.18	0.14	0.11
	0.30		0.49	0.40	0.34	0.30	0.24	0.20	0.17	0.13	0.11
	0.20		0.42	0.36	0.31	0.27	0.22	0.18	0.16	0.12	0.10
0.30	0.50	0.20	0.55	0.44	0.36	0.31	0.24	0.20	0.17	0.13	0.10
	0.30		0.47	0.39	0.33	0.28	0.22	0.18	0.16	0.12	0.10
	0.20		0.41	0.34	0.30	0.26	0.21	0.17	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

Rating:9W 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: 9.028 m
Humidity: 60%
Inspector:

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	0.14	0.16	0.17	0.18	0.19	0.20	0.20	0.21	0.22
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.20	0.20
	0.20		0.07	0.09	0.10	0.12	0.14	0.15	0.16	0.18	0.19
0.50	0.50	0.20	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.20	0.21
	0.30		0.10	0.11	0.13	0.14	0.16	0.17	0.18	0.19	0.20
	0.20		0.07	0.09	0.10	0.12	0.14	0.15	0.16	0.18	0.18
0.30	0.50	0.20	0.13	0.15	0.16	0.16	0.18	0.18	0.19	0.20	0.20
	0.30		0.09	0.11	0.13	0.14	0.15	0.16	0.17	0.18	0.19
	0.20		0.07	0.09	0.10	0.11	0.13	0.15	0.16	0.17	0.18
0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01

Rating:9W 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: 9.028 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	124.9	0.1	0.1	0.20	0.20
1.0-2.0	124.3	0.4	0.5	0.61	0.81
2.0-3.0	123.1	0.6	1.1	1.01	1.82
3.0-4.0	121.1	0.8	1.9	1.39	3.21
4.0-5.0	118.3	1.0	2.9	1.74	4.95
5.0-6.0	114.7	1.2	4.1	2.06	7.01
6.0-7.0	110.2	1.4	5.5	2.34	9.35
7.0-8.0	105.1	1.5	7.0	2.57	11.93
8.0-9.0	99.4	1.6	8.6	2.76	14.69
9.0-10.0	93.6	1.7	10.3	2.90	17.58
10.0-11.0	87.7	1.8	12.0	3.00	20.58
11.0-12.0	81.9	1.8	13.8	3.06	23.65
12.0-13.0	76.3	1.8	15.6	3.10	26.75
13.0-14.0	71.0	1.8	17.4	3.11	29.86
14.0-15.0	65.8	1.8	19.3	3.09	32.95
15.0-16.0	61.0	1.8	21.0	3.06	36.01
16.0-17.0	56.6	1.8	22.8	3.02	39.03
17.0-18.0	52.3	1.7	24.5	2.95	41.98
18.0-19.0	48.4	1.7	26.2	2.88	44.86
19.0-20.0	44.7	1.6	27.9	2.80	47.66
20.0-21.0	41.3	1.6	29.4	2.71	50.37
21.0-22.0	38.1	1.5	31.0	2.62	52.99
22.0-23.0	35.1	1.5	32.4	2.52	55.52
23.0-24.0	32.4	1.4	33.9	2.43	57.94
24.0-25.0	29.9	1.4	35.2	2.32	60.27
25.0-26.0	27.5	1.3	36.5	2.22	62.49
26.0-27.0	25.4	1.2	37.8	2.13	64.62
27.0-28.0	23.4	1.2	39.0	2.03	66.65
28.0-29.0	21.6	1.1	40.1	1.93	68.58
29.0-30.0	19.9	1.1	41.2	1.84	70.42
30.0-31.0	18.4	1.0	42.2	1.75	72.17
31.0-32.0	17.0	1.0	43.2	1.66	73.84
32.0-33.0	15.7	0.9	44.1	1.58	75.42
33.0-34.0	14.5	0.9	45.0	1.50	76.91
34.0-35.0	13.3	0.8	45.8	1.42	78.33
35.0-36.0	12.3	0.8	46.6	1.34	79.67

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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	11.4	0.7	47.3	1.27	80.94
37.0-38.0	10.5	0.7	48.0	1.20	82.15
38.0-39.0	9.7	0.7	48.7	1.14	83.28
39.0-40.0	9.0	0.6	49.3	1.08	84.36
40.0-41.0	8.3	0.6	49.9	1.01	85.37
41.0-42.0	7.7	0.6	50.5	0.96	86.33
42.0-43.0	7.1	0.5	51.0	0.91	87.24
43.0-44.0	6.6	0.5	51.5	0.86	88.09
44.0-45.0	6.1	0.5	52.0	0.81	88.90
45.0-46.0	5.7	0.4	52.4	0.76	89.66
46.0-47.0	5.3	0.4	52.8	0.72	90.38
47.0-48.0	4.9	0.4	53.2	0.68	91.05
48.0-49.0	4.5	0.4	53.6	0.64	91.69
49.0-50.0	4.2	0.4	53.9	0.60	92.29
50.0-51.0	3.9	0.3	54.3	0.56	92.85
51.0-52.0	3.6	0.3	54.6	0.53	93.38
52.0-53.0	3.3	0.3	54.9	0.50	93.88
53.0-54.0	3.1	0.3	55.1	0.46	94.34
54.0-55.0	2.8	0.3	55.4	0.43	94.77
55.0-56.0	2.6	0.2	55.6	0.40	95.18
56.0-57.0	2.4	0.2	55.8	0.37	95.55
57.0-58.0	2.2	0.2	56.0	0.35	95.90
58.0-59.0	2.0	0.2	56.2	0.32	96.22
59.0-60.0	1.8	0.2	56.4	0.30	96.52
60.0-61.0	1.7	0.2	56.6	0.27	96.79
61.0-62.0	1.5	0.1	56.7	0.25	97.04
62.0-63.0	1.4	0.1	56.8	0.23	97.27
63.0-64.0	1.2	0.1	57.0	0.21	97.48
64.0-65.0	1.1	0.1	57.1	0.19	97.67
65.0-66.0	1.0	0.1	57.2	0.18	97.85
66.0-67.0	0.9	0.1	57.3	0.16	98.01
67.0-68.0	0.8	0.1	57.4	0.14	98.15
68.0-69.0	0.7	0.1	57.4	0.13	98.28
69.0-70.0	0.7	0.1	57.5	0.11	98.39
70.0-71.0	0.6	0.1	57.6	0.10	98.50
71.0-72.0	0.5	0.1	57.6	0.09	98.59

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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	0.5	0.0	57.7	0.08	98.67
73.0-74.0	0.4	0.0	57.7	0.07	98.74
74.0-75.0	0.3	0.0	57.7	0.06	98.80
75.0-76.0	0.3	0.0	57.8	0.05	98.85
76.0-77.0	0.2	0.0	57.8	0.04	98.89
77.0-78.0	0.2	0.0	57.8	0.04	98.93
78.0-79.0	0.2	0.0	57.8	0.03	98.96
79.0-80.0	0.1	0.0	57.9	0.02	98.98
80.0-81.0	0.1	0.0	57.9	0.02	99.00
81.0-82.0	0.1	0.0	57.9	0.01	99.02
82.0-83.0	0.1	0.0	57.9	0.01	99.03
83.0-84.0	0.0	0.0	57.9	0.01	99.03
84.0-85.0	0.0	0.0	57.9	0.00	99.04
85.0-86.0	0.0	0.0	57.9	0.00	99.04
86.0-87.0	0.0	0.0	57.9	0.00	99.04
87.0-88.0	0.0	0.0	57.9	0.00	99.04
88.0-89.0	0.0	0.0	57.9	0.00	99.04
89.0-90.0	0.0	0.0	57.9	0.00	99.05
90.0-91.0	0.0	0.0	57.9	0.00	99.05
91.0-92.0	0.0	0.0	57.9	0.00	99.05
92.0-93.0	0.0	0.0	57.9	0.00	99.05
93.0-94.0	0.0	0.0	57.9	0.00	99.05
94.0-95.0	0.0	0.0	57.9	0.00	99.06
95.0-96.0	0.0	0.0	57.9	0.00	99.06
96.0-97.0	0.0	0.0	57.9	0.00	99.06
97.0-98.0	0.0	0.0	57.9	0.00	99.06
98.0-99.0	0.0	0.0	57.9	0.00	99.06
99.0-100.0	0.0	0.0	57.9	0.00	99.06
100.0-101.0	0.0	0.0	57.9	0.00	99.07
101.0-102.0	0.0	0.0	57.9	0.00	99.07
102.0-103.0	0.0	0.0	57.9	0.00	99.07
103.0-104.0	0.0	0.0	57.9	0.00	99.07
104.0-105.0	0.0	0.0	57.9	0.00	99.07
105.0-106.0	0.0	0.0	57.9	0.00	99.07
106.0-107.0	0.0	0.0	57.9	0.00	99.07
107.0-108.0	0.0	0.0	57.9	0.00	99.08

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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	0.0	0.0	57.9	0.00	99.08
109.0-110.0	0.0	0.0	57.9	0.00	99.08
110.0-111.0	0.0	0.0	57.9	0.00	99.08
111.0-112.0	0.0	0.0	57.9	0.00	99.09
112.0-113.0	0.0	0.0	57.9	0.00	99.09
113.0-114.0	0.0	0.0	57.9	0.00	99.09
114.0-115.0	0.0	0.0	57.9	0.00	99.10
115.0-116.0	0.0	0.0	57.9	0.00	99.10
116.0-117.0	0.0	0.0	57.9	0.00	99.11
117.0-118.0	0.0	0.0	57.9	0.01	99.11
118.0-119.0	0.0	0.0	57.9	0.01	99.12
119.0-120.0	0.0	0.0	57.9	0.01	99.13
120.0-121.0	0.0	0.0	57.9	0.01	99.13
121.0-122.0	0.0	0.0	57.9	0.01	99.14
122.0-123.0	0.0	0.0	57.9	0.01	99.14
123.0-124.0	0.0	0.0	57.9	0.01	99.15
124.0-125.0	0.0	0.0	58.0	0.01	99.16
125.0-126.0	0.1	0.0	58.0	0.01	99.17
126.0-127.0	0.1	0.0	58.0	0.01	99.18
127.0-128.0	0.1	0.0	58.0	0.01	99.18
128.0-129.0	0.1	0.0	58.0	0.01	99.19
129.0-130.0	0.1	0.0	58.0	0.01	99.21
130.0-131.0	0.1	0.0	58.0	0.01	99.22
131.0-132.0	0.1	0.0	58.0	0.01	99.23
132.0-133.0	0.1	0.0	58.0	0.01	99.24
133.0-134.0	0.1	0.0	58.0	0.01	99.26
134.0-135.0	0.1	0.0	58.0	0.01	99.27
135.0-136.0	0.1	0.0	58.0	0.01	99.29
136.0-137.0	0.1	0.0	58.0	0.01	99.30
137.0-138.0	0.1	0.0	58.0	0.02	99.32
138.0-139.0	0.1	0.0	58.1	0.02	99.33
139.0-140.0	0.1	0.0	58.1	0.02	99.35
140.0-141.0	0.2	0.0	58.1	0.02	99.37
141.0-142.0	0.2	0.0	58.1	0.02	99.39
142.0-143.0	0.2	0.0	58.1	0.02	99.41
143.0-144.0	0.2	0.0	58.1	0.02	99.43

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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	0.2	0.0	58.1	0.02	99.45
145.0-146.0	0.2	0.0	58.1	0.02	99.47
146.0-147.0	0.2	0.0	58.1	0.02	99.49
147.0-148.0	0.2	0.0	58.2	0.02	99.51
148.0-149.0	0.2	0.0	58.2	0.02	99.54
149.0-150.0	0.2	0.0	58.2	0.02	99.56
150.0-151.0	0.3	0.0	58.2	0.02	99.58
151.0-152.0	0.3	0.0	58.2	0.02	99.60
152.0-153.0	0.3	0.0	58.2	0.02	99.63
153.0-154.0	0.3	0.0	58.2	0.02	99.65
154.0-155.0	0.3	0.0	58.3	0.02	99.67
155.0-156.0	0.3	0.0	58.3	0.02	99.69
156.0-157.0	0.3	0.0	58.3	0.02	99.72
157.0-158.0	0.3	0.0	58.3	0.02	99.74
158.0-159.0	0.3	0.0	58.3	0.02	99.76
159.0-160.0	0.3	0.0	58.3	0.02	99.78
160.0-161.0	0.3	0.0	58.3	0.02	99.80
161.0-162.0	0.3	0.0	58.3	0.02	99.82
162.0-163.0	0.3	0.0	58.3	0.02	99.84
163.0-164.0	0.3	0.0	58.4	0.02	99.86
164.0-165.0	0.3	0.0	58.4	0.02	99.87
165.0-166.0	0.3	0.0	58.4	0.02	99.89
166.0-167.0	0.3	0.0	58.4	0.01	99.90
167.0-168.0	0.3	0.0	58.4	0.01	99.92
168.0-169.0	0.4	0.0	58.4	0.01	99.93
169.0-170.0	0.4	0.0	58.4	0.01	99.94
170.0-171.0	0.3	0.0	58.4	0.01	99.95
171.0-172.0	0.3	0.0	58.4	0.01	99.96
172.0-173.0	0.4	0.0	58.4	0.01	99.97
173.0-174.0	0.4	0.0	58.4	0.01	99.98
174.0-175.0	0.4	0.0	58.4	0.01	99.98
175.0-176.0	0.4	0.0	58.4	0.01	99.99
176.0-177.0	0.4	0.0	58.4	0.00	99.99
177.0-178.0	0.4	0.0	58.4	0.00	100.00
178.0-179.0	0.4	0.0	58.4	0.00	100.00
179.0-180.0	0.4	0.0	58.4	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: