GENLED Brands
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Report No.: 20231011 **Test Time: 2023/10/13 15:30**

Luminaire Property

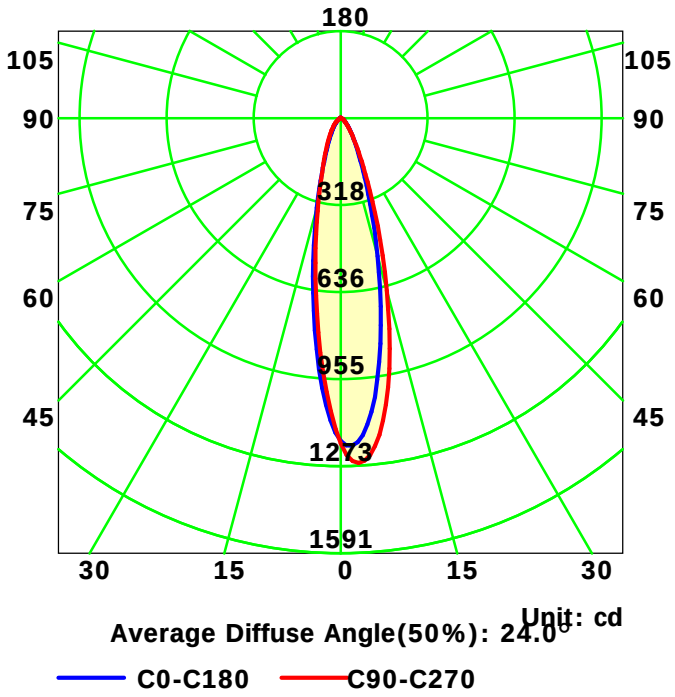
Luminaire Manufacturer: Acolyte
Luminaire Category: Nano Pivot
Luminaire Description: Nano pivot RGBW 9.75 4000K - White only
Lamp Catalog: Optic BA 25 degree **Luminous Length (mm): 1000**
Luminous Width (mm): 28 **Luminous Height (mm): 36**
Voltage: 24.0 V **Current: 0.382 A**
Power: 9.16 W **Power Factor: 1.000**

Photometric Results

CIE Class: Direct **Total Rated Lamp Lumens: 388.0 lm**
Measurement Flux: 388 lm **Efficiency: 100%**
Downward Ratio: 98% **Upward Ratio: 2%**
Horizontal Diffuse Angle(10%,50%): H53.7,H23.7
Vertical Diffuse Angle(10%,50%): V55,V24.3
Luminaire Efficacy Rating (LER): 42 **Central Intensity: 1180.55 cd**
Max. Intensity: 1263.22 cd **Pos of Max. Intensity: H120 V2**

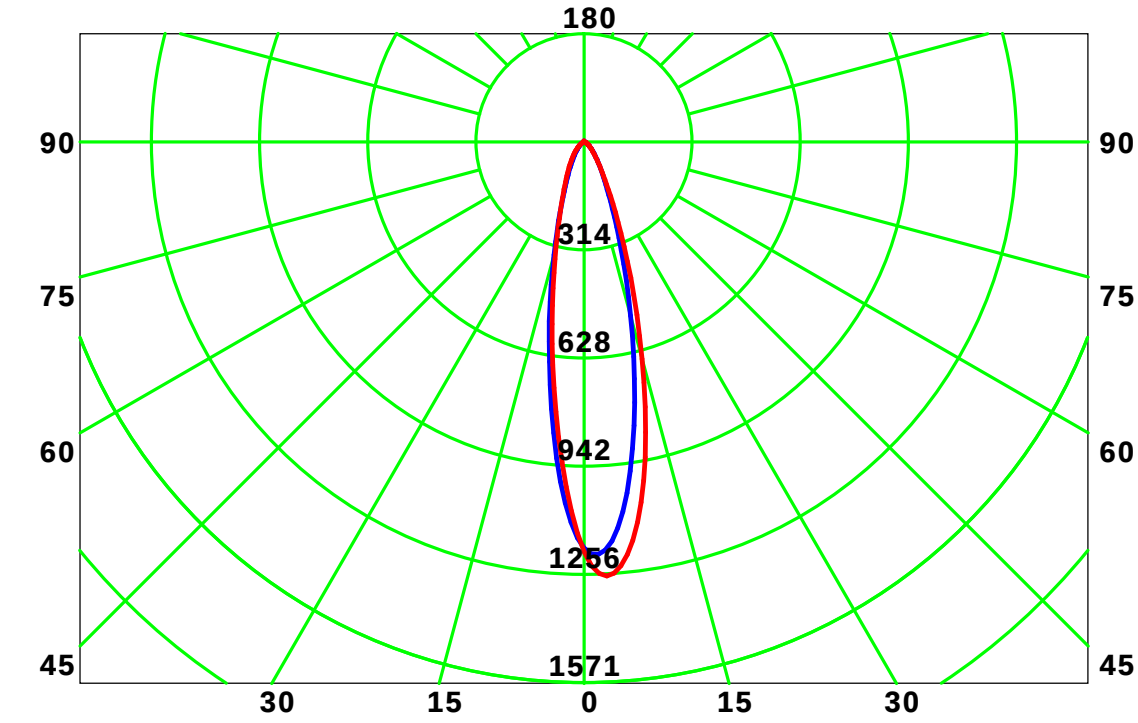
Picture Of Luminaire

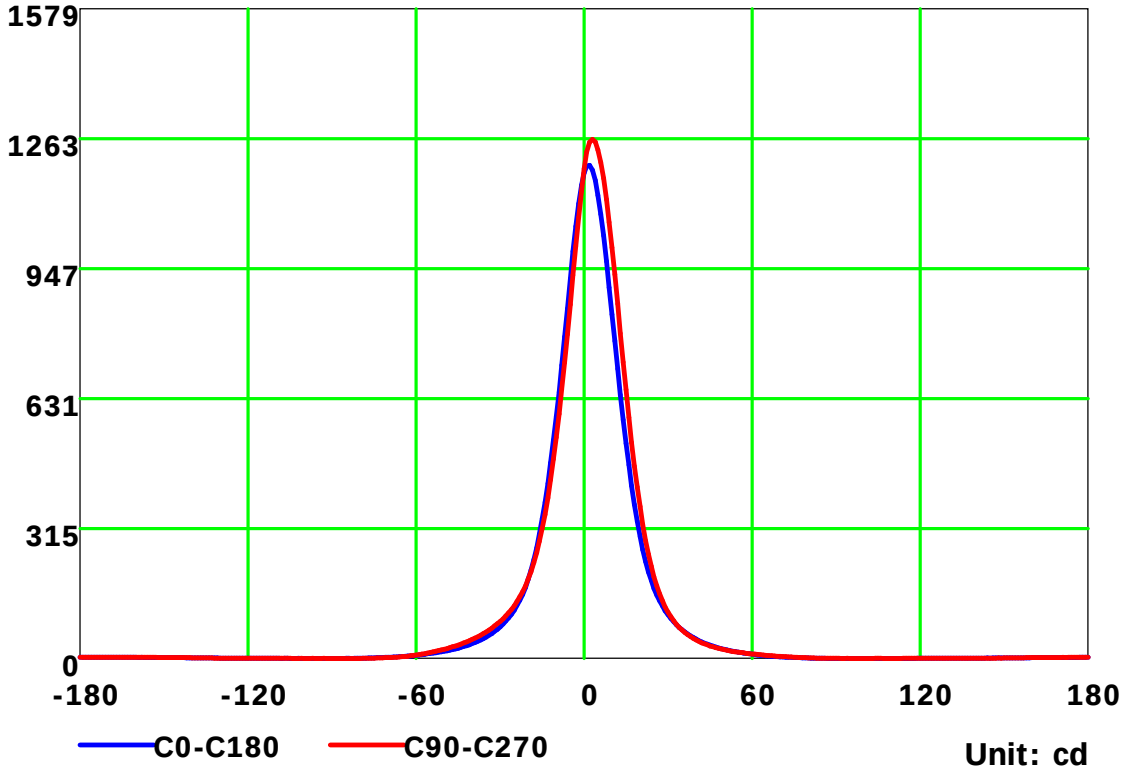
Luminous Intensity Distribution Curve



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:
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Temperature: 25
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Gamma Plane (°):0.0-180.0:1.0
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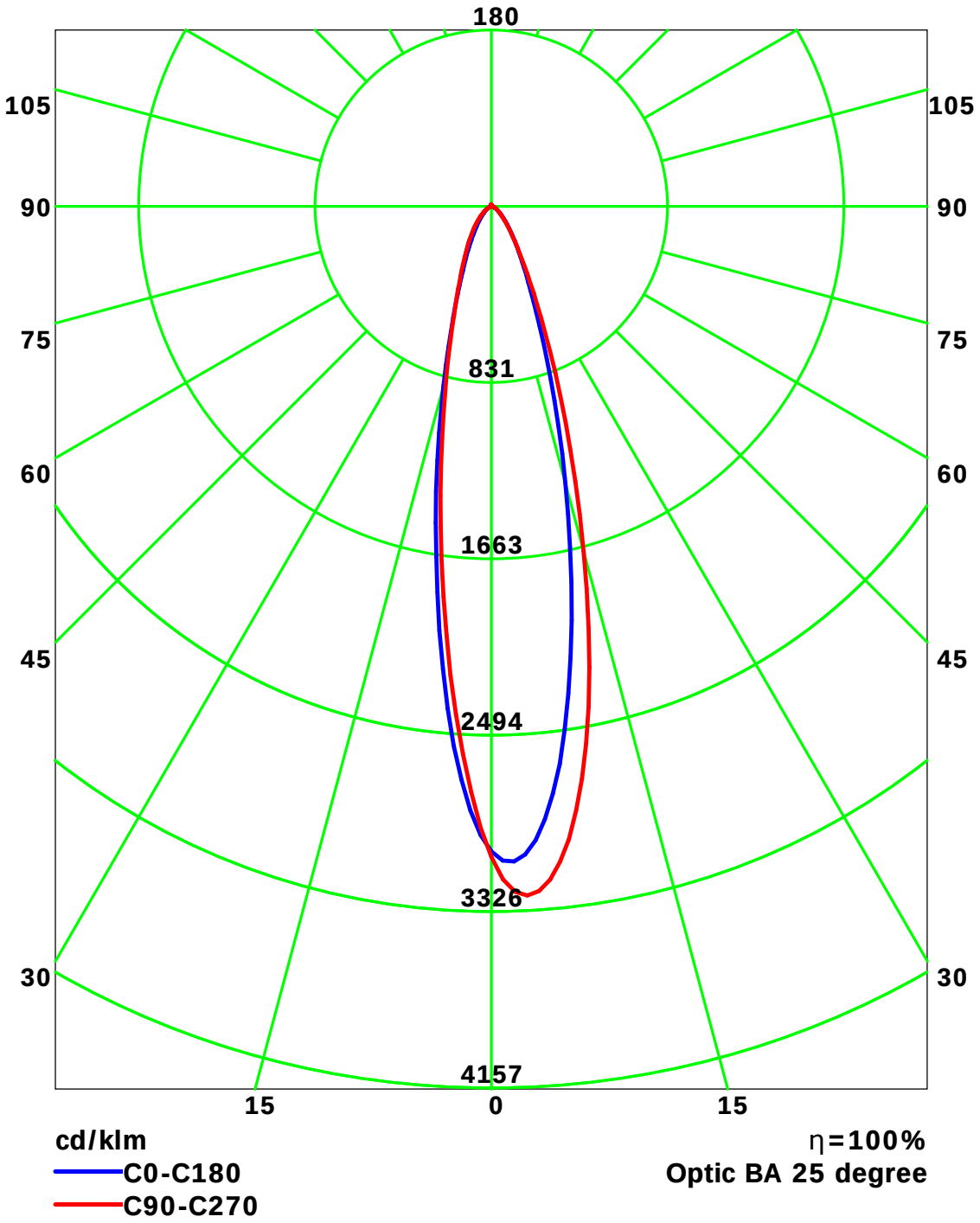
Humidity: 60%
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



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

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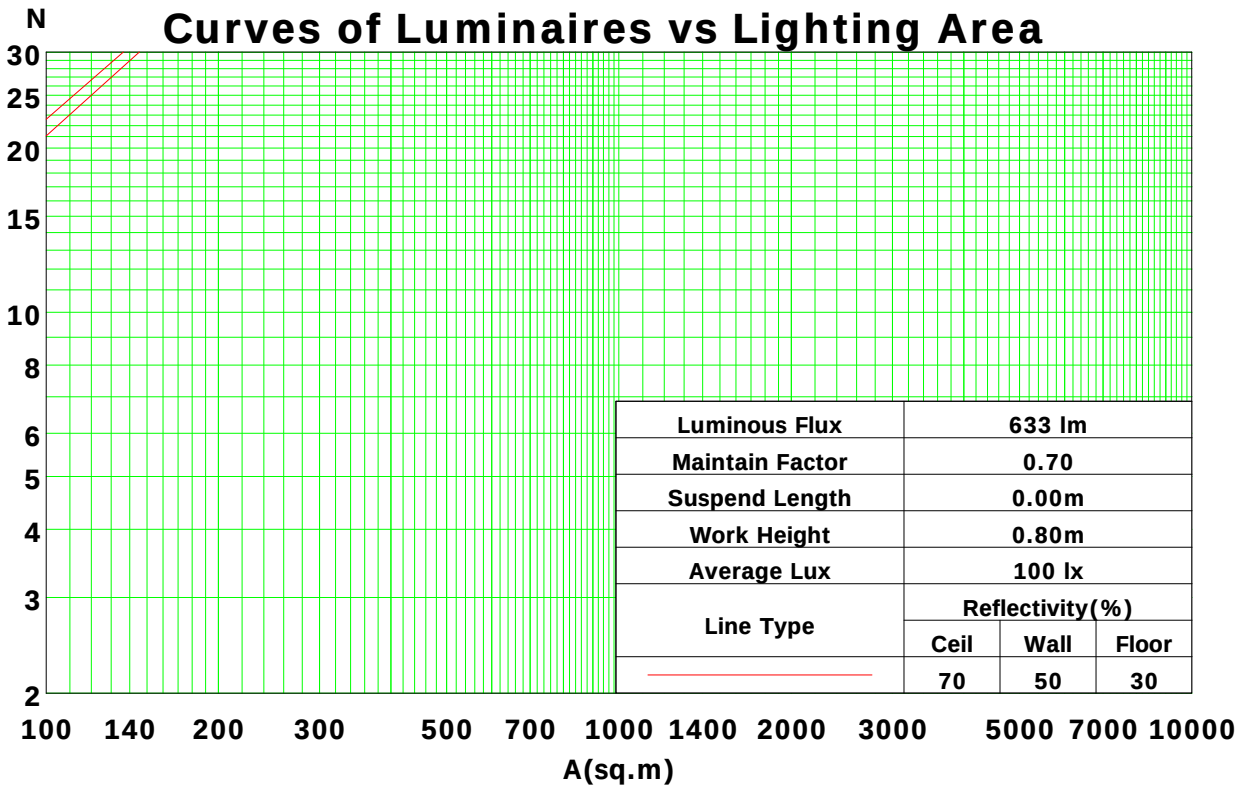
Inspector:

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	108	106	110	108	106	104	104	102	100	100	98	97	96	95	94	92
2	108	103	99	96	105	101	98	95	98	95	92	94	92	90	91	90	88	86
3	103	97	92	88	101	95	91	88	92	89	86	90	87	84	87	85	83	81
4	98	91	86	82	96	90	85	82	88	84	80	85	82	79	83	81	78	77
5	94	86	81	77	92	85	80	77	83	79	76	82	78	75	80	77	74	73
6	90	82	77	73	89	81	76	72	79	75	72	78	74	71	76	73	70	69
7	87	78	73	69	85	77	72	69	76	71	68	75	71	68	73	70	67	66
8	83	75	69	66	82	74	69	65	73	68	65	72	68	65	71	67	64	63
9	80	72	66	63	79	71	66	63	70	65	62	69	65	62	68	64	62	60
10	77	69	63	60	76	68	63	60	67	63	60	66	62	59	66	62	59	58

Spacing Criteria (0-180): 0.40
Spacing Criteria (90-270): 0.43
Spacing Criteria (Diagonal): 0.45

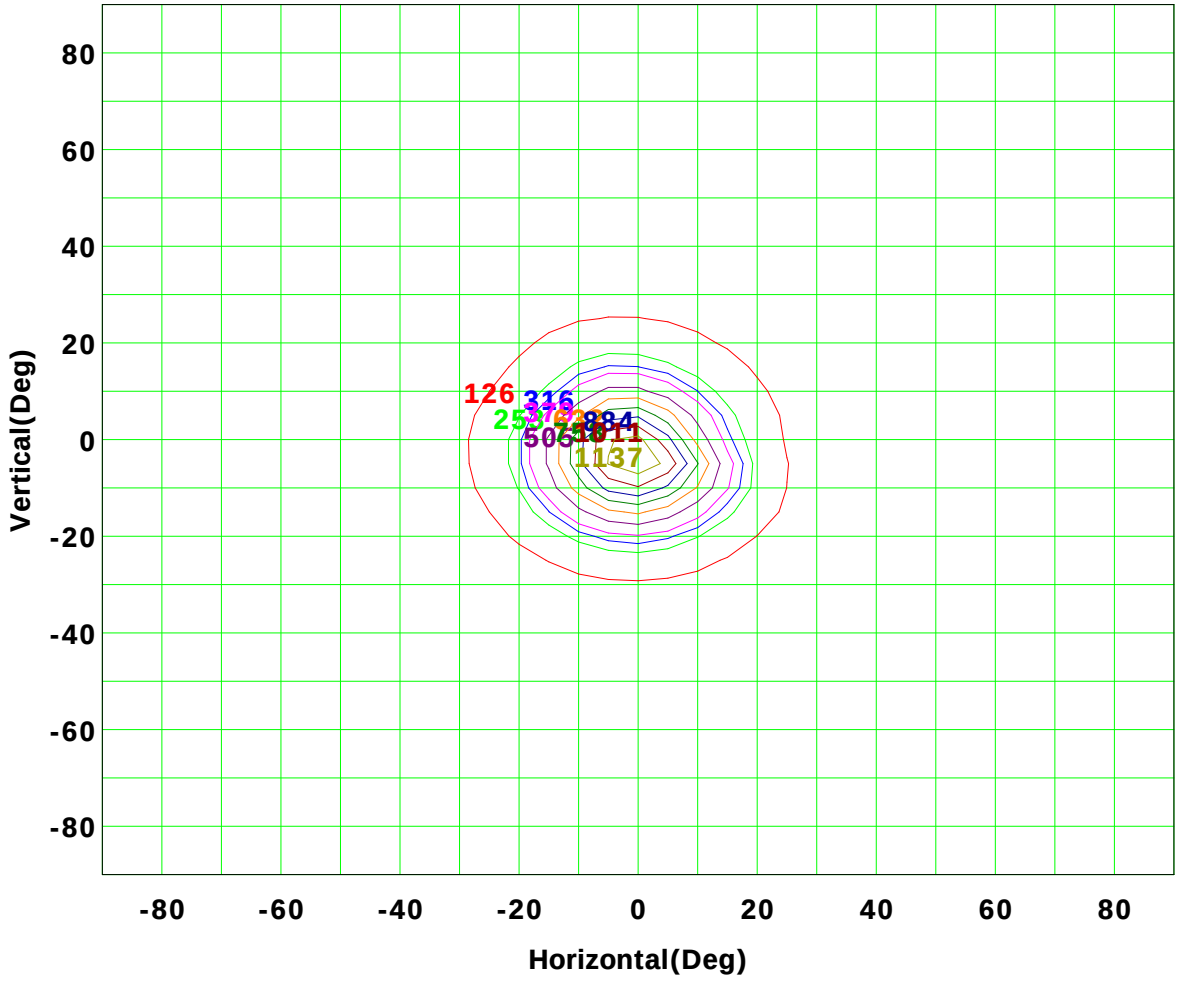
Curves of Luminaires vs Lighting Area



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)



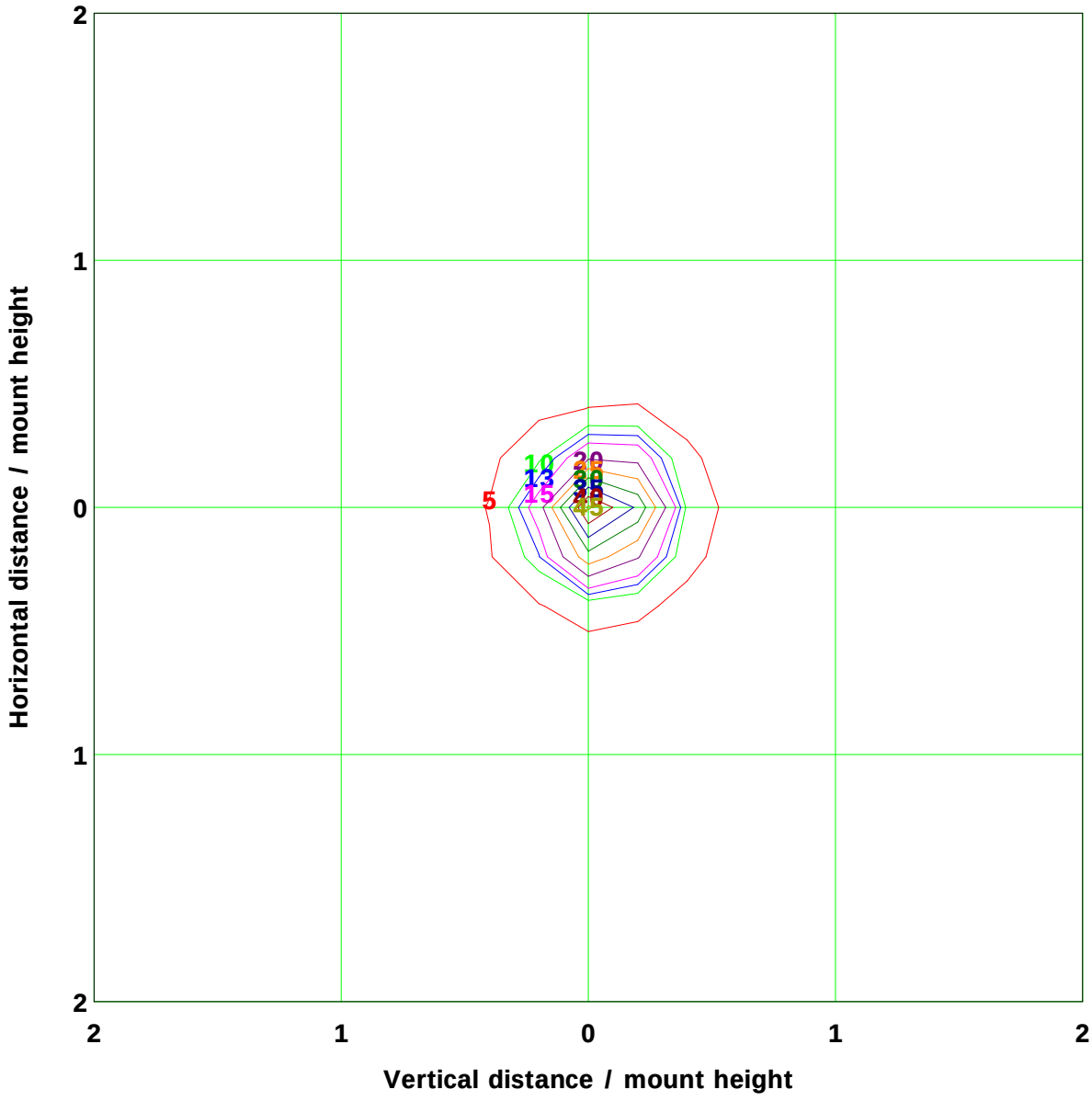
Imax (100%): 1263 cd

(10%): 126 cd	(20%): 253 cd
(25%): 316 cd	(30%): 379 cd
(40%): 505 cd	(50%): 632 cd
(60%): 758 cd	(70%): 884 cd
(80%): 1011 cd	(90%): 1137 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%): 50.4 lx

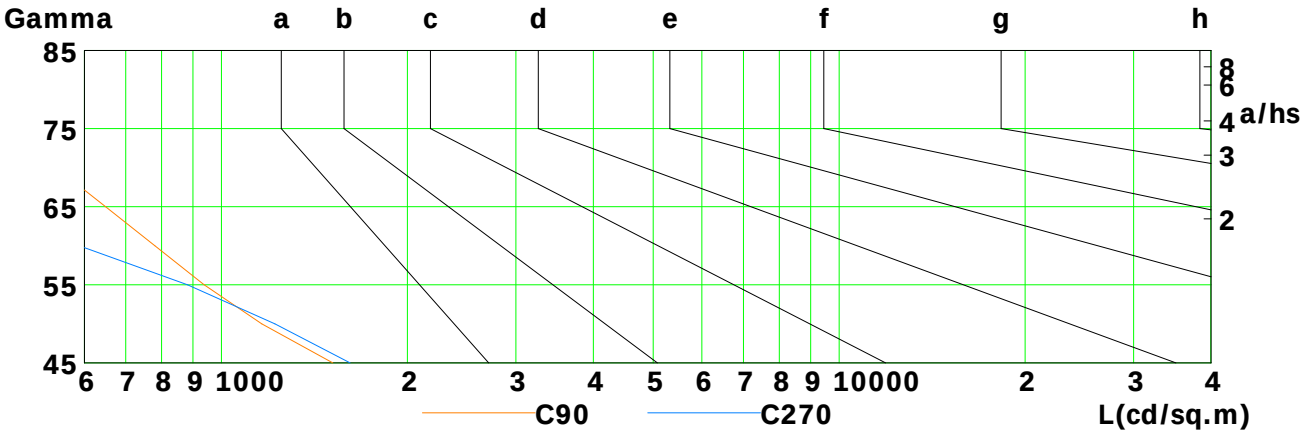
(10%): 5.0 lx	(20%): 10.1 lx
(25%): 12.6 lx	(30%): 15.1 lx
(40%): 20.2 lx	(50%): 25.2 lx
(60%): 30.3 lx	(70%): 35.3 lx
(80%): 40.3 lx	(90%): 45.4 lx

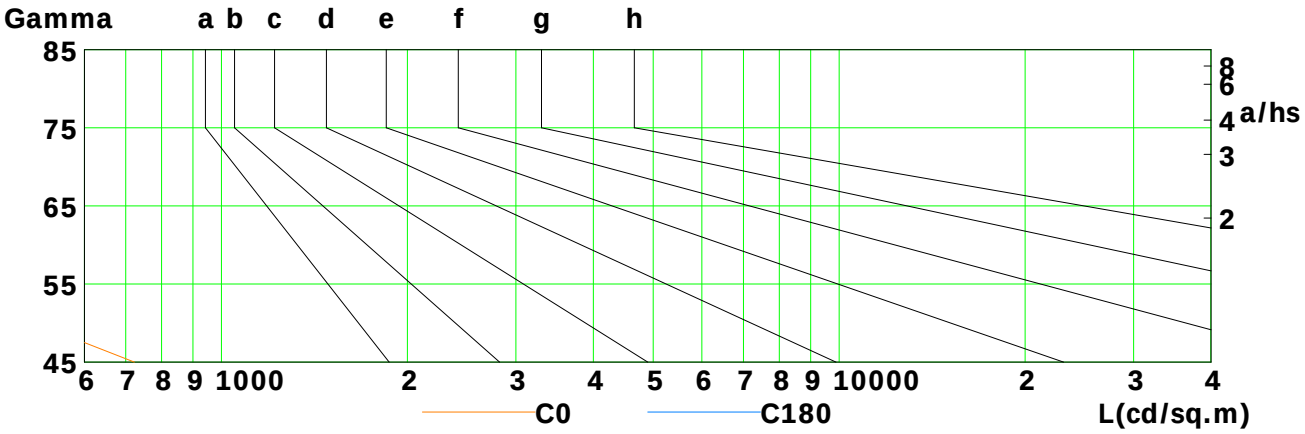
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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



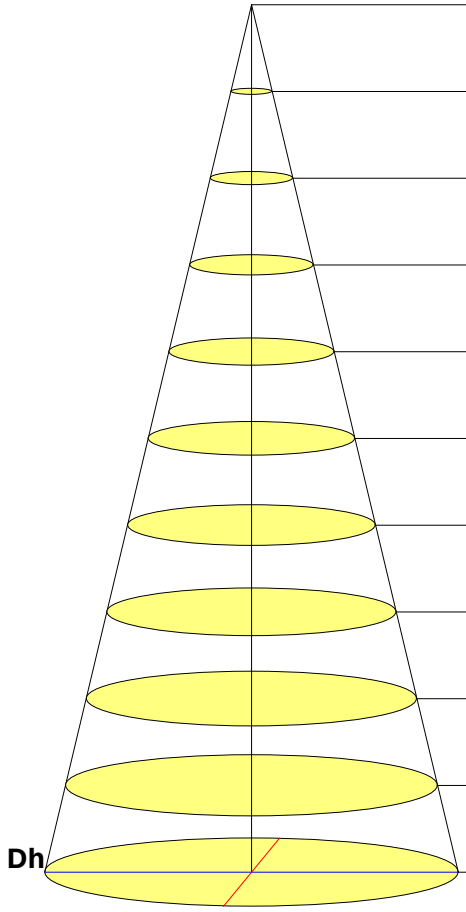


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	723	501	353	245	157	103	72	42	23
C90	1515	1163	937	781	650	540	449	355	357
C180	564	398	278	184	118	79	49	29	21
C270	1616	1221	882	588	384	256	181	125	203

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



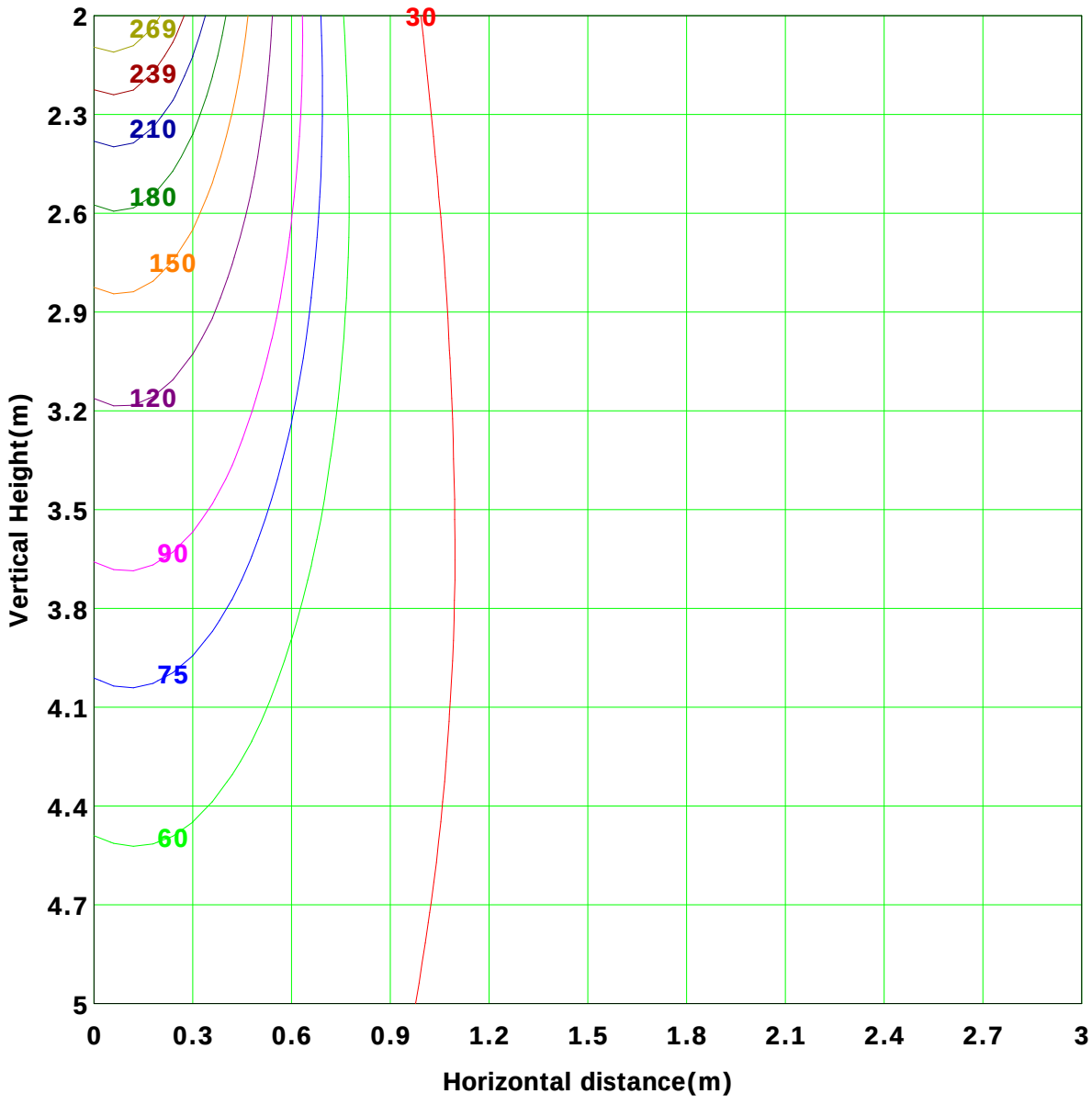
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	1180.55	0.42/0.43	0.1	741.72
2.0	295.14	0.84/0.86	0.6	185.43
3.0	131.17	1.26/1.29	1.3	82.41
4.0	73.78	1.67/1.72	2.4	46.36
5.0	47.22	2.09/2.16	3.7	29.67
6.0	32.79	2.51/2.59	5.4	20.60
7.0	24.09	2.93/3.02	7.3	15.14
8.0	18.45	3.35/3.45	9.6	11.59
9.0	14.57	3.77/3.88	12.1	9.16
10.0	11.81	4.19/4.31	14.9	7.42

Beam Angle(B): H23.7 V24.3 Field Angle(F): H53.7 V55.0

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:

Vertical IsoLux Plot



Lowest(m): 2.0m Highest(m): 5.0m Max Lux: 299.4 lx

(10%): 29.9 lx
(20%): 59.9 lx
(25%): 74.8 lx
(30%): 89.8 lx
(40%): 119.7 lx
(50%): 149.7 lx
(60%): 179.6 lx
(70%): 209.5 lx
(80%): 239.5 lx
(90%): 269.4 lx

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:

Area Flux Table

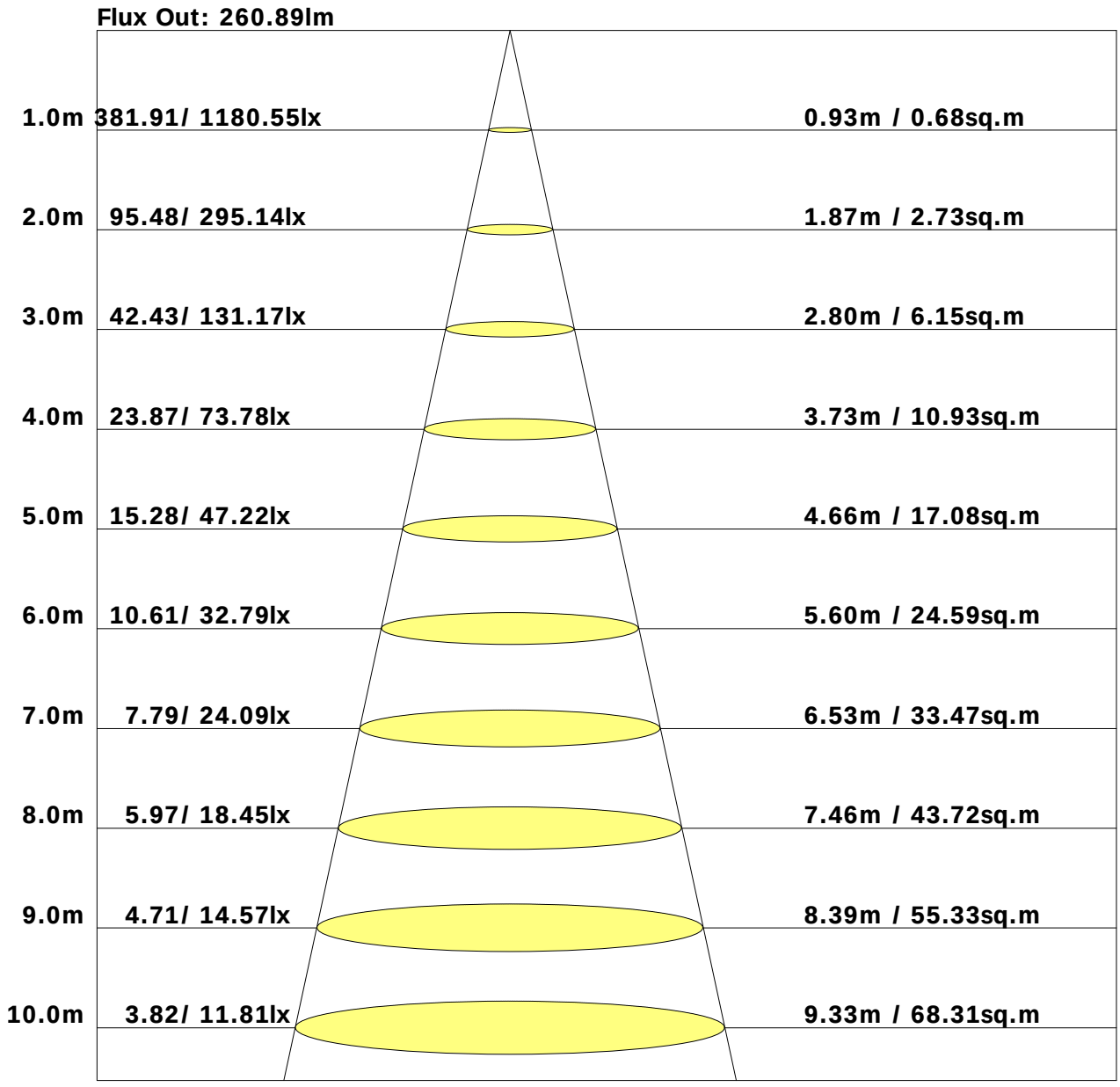
Unit: lm

Horizontal plane \ Vertical 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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	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	0.7	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
-60	0.0	1.9	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	0.0	0.0	0.0	0.0
-50	0.0	4.4	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0
-40	0.0	9.4	0.0	0.1	0.1	0.2	0.4	0.6	0.9	1.2	1.4	1.3	1.1	0.8	0.6	0.3	0.2	0.1	0.0	0.0
-30	5.1	20.0	0.0	0.1	0.2	0.3	0.6	1.0	1.9	3.1	3.7	3.2	2.4	1.6	1.0	0.6	0.3	0.1	0.0	0.0
-20	35.6	46.5	0.0	0.1	0.2	0.4	0.8	1.6	3.6	8.5	12.5	8.6	4.7	2.6	1.5	0.8	0.4	0.1	0.0	0.0
-10	83.5	93.4	0.0	0.1	0.2	0.5	0.9	2.1	5.8	17.1	30.4	20.4	8.5	3.7	1.9	1.0	0.4	0.2	0.0	0.0
0	92.6	102.3	0.0	0.1	0.3	0.5	0.9	2.1	6.0	18.2	32.3	24.2	9.9	4.0	2.0	1.0	0.5	0.2	0.0	0.0
10	46.4	56.7	0.0	0.1	0.2	0.4	0.8	1.7	4.0	9.5	15.5	12.1	6.1	3.1	1.7	0.9	0.4	0.1	0.0	0.0
20	10.7	24.3	0.0	0.1	0.2	0.4	0.6	1.1	2.1	3.6	4.9	4.4	2.9	1.8	1.1	0.6	0.3	0.1	0.0	0.0
30	0.0	11.1	0.0	0.1	0.1	0.3	0.4	0.7	1.0	1.5	1.8	1.7	1.4	1.0	0.6	0.4	0.2	0.1	0.0	0.0
40	0.0	5.2	0.0	0.0	0.1	0.2	0.2	0.4	0.5	0.6	0.7	0.7	0.6	0.5	0.3	0.2	0.1	0.0	0.0	0.0
50	0.0	2.3	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0
60	0.0	0.9	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	0.0	0.0	0.0	0.0	0.0
70	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
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)		380	0.4	0.9	1.9	3.5	6.3	12.0	26.8	64.6	104.4	78.0	38.7	20.0	11.3	6.2	2.9	1.1	0.4	0.2
Flux(E)	274		0.0	0.0	0.0	0.0	0.0	0.0	15.2	56.9	97.2	70.3	29.2	5.0	0.0	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



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Test Lab:
Test Type: TYPE C
Temperature: 25
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Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
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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	7.9	9.0	8.3	9.3	9.7	6.3	7.4	6.7	7.7	8.1
3H	8.6	9.5	9.0	9.9	10.3	7.0	7.9	7.5	8.3	8.7
4H	8.8	9.7	9.3	10.1	10.5	7.2	8.1	7.7	8.4	8.9
6H	9.0	9.7	9.4	10.2	10.6	7.3	8.0	7.7	8.4	8.9
8H	9.0	9.7	9.5	10.2	10.6	7.3	8.0	7.7	8.4	8.9
12H	9.0	9.7	9.5	10.2	10.6	7.2	7.9	7.7	8.4	8.8
X=4H Y=2H	7.9	8.8	8.4	9.2	9.6	6.6	7.4	7.0	7.8	8.2
3H	8.7	9.4	9.1	9.8	10.3	7.4	8.1	7.9	8.5	9.0
4H	8.9	9.6	9.4	10.0	10.5	7.6	8.2	8.1	8.7	9.2
6H	9.1	9.6	9.6	10.1	10.7	7.7	8.2	8.2	8.7	9.3
8H	9.2	9.7	9.7	10.2	10.7	7.7	8.2	8.2	8.7	9.2
12H	9.2	9.6	9.7	10.2	10.7	7.7	8.1	8.2	8.7	9.2
X=8H Y=4H	8.8	9.3	9.4	9.8	10.3	7.6	8.1	8.1	8.6	9.1
6H	9.0	9.4	9.6	10.0	10.5	7.8	8.1	8.3	8.7	9.2
8H	9.1	9.5	9.7	10.0	10.6	7.8	8.1	8.4	8.7	9.2
12H	9.2	9.5	9.8	10.0	10.7	7.8	8.1	8.4	8.6	9.3
X=12H Y=4H	8.8	9.2	9.3	9.7	10.3	7.6	8.0	8.1	8.5	9.0
6H	9.0	9.3	9.6	9.9	10.5	7.7	8.1	8.3	8.6	9.2
8H	9.1	9.4	9.7	9.9	10.6	7.8	8.1	8.3	8.6	9.2

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 = 0.50								
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	0.83	0.90	0.95	0.98	1.02	1.05	1.07	1.10	1.11
	0.30		0.79	0.86	0.90	0.94	0.99	1.02	1.04	1.07	1.09
	0.20		0.75	0.82	0.87	0.91	0.96	0.99	1.02	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		0.74	0.81	0.86	0.89	0.94	0.97	0.99	1.02	1.04
0.30	0.50	0.20	0.81	0.86	0.90	0.93	0.96	0.98	1.00	1.01	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	0.84	0.87	0.92	0.94	0.96	0.99	1.00
0.00	0.00	0.00	0.72	0.78	0.82	0.85	0.88	0.90	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
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(Wall)

Utilisation Factors UF(W)			SHR NOM = 0.50								
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	0.62	0.50	0.42	0.36	0.29	0.24	0.20	0.16	0.13
	0.30		0.52	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	0.17	0.14	0.11
0.50	0.50	0.20	0.59	0.47	0.39	0.34	0.26	0.26	0.19	0.14	0.11
	0.30		0.50	0.41	0.35	0.30	0.24	0.20	0.17	0.13	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	0.56	0.44	0.37	0.32	0.24	0.20	0.17	0.13	0.11
	0.30		0.48	0.39	0.33	0.29	0.23	0.19	0.16	0.12	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	0.28	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 = 0.50								
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	0.15	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

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	1190.5	1.1	1.1	0.29	0.29
1.0-2.0	1177.1	3.4	4.5	0.87	1.16
2.0-3.0	1151.3	5.5	10.0	1.42	2.58
3.0-4.0	1115.7	7.5	17.5	1.93	4.51
4.0-5.0	1071.4	9.2	26.7	2.38	6.89
5.0-6.0	1020.2	10.7	37.4	2.76	9.65
6.0-7.0	964.7	12.0	49.4	3.09	12.74
7.0-8.0	905.1	13.0	62.4	3.34	16.08
8.0-9.0	843.0	13.7	76.0	3.52	19.60
9.0-10.0	780.6	14.1	90.2	3.64	23.24
10.0-11.0	718.6	14.4	104.5	3.70	26.94
11.0-12.0	656.9	14.4	118.9	3.70	30.64
12.0-13.0	597.1	14.2	133.1	3.65	34.30
13.0-14.0	540.9	13.8	146.9	3.57	37.87
14.0-15.0	488.1	13.4	160.3	3.45	41.32
15.0-16.0	438.8	12.9	173.2	3.31	44.64
16.0-17.0	393.5	12.3	185.4	3.16	47.80
17.0-18.0	352.4	11.6	197.0	3.00	50.79
18.0-19.0	315.1	11.0	208.0	2.83	53.62
19.0-20.0	281.6	10.3	218.3	2.66	56.27
20.0-21.0	251.8	9.7	228.0	2.49	58.77
21.0-22.0	225.2	9.1	237.0	2.33	61.10
22.0-23.0	201.9	8.5	245.5	2.18	63.28
23.0-24.0	181.6	7.9	253.4	2.05	65.33
24.0-25.0	163.6	7.4	260.9	1.92	67.25
25.0-26.0	148.0	7.0	267.9	1.80	69.05
26.0-27.0	134.2	6.6	274.4	1.69	70.74
27.0-28.0	122.1	6.2	280.6	1.59	72.33
28.0-29.0	111.3	5.8	286.4	1.50	73.84
29.0-30.0	101.7	5.5	291.9	1.42	75.25
30.0-31.0	93.2	5.2	297.1	1.34	76.59
31.0-32.0	85.6	4.9	302.0	1.26	77.85
32.0-33.0	78.7	4.6	306.7	1.20	79.05
33.0-34.0	72.5	4.4	311.1	1.13	80.18
34.0-35.0	66.9	4.2	315.2	1.07	81.25
35.0-36.0	61.8	3.9	319.1	1.01	82.27

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: 9.028 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	57.2	3.7	322.9	0.96	83.23
37.0-38.0	52.9	3.5	326.4	0.91	84.14
38.0-39.0	49.0	3.3	329.8	0.86	85.00
39.0-40.0	45.5	3.2	332.9	0.82	85.82
40.0-41.0	42.2	3.0	335.9	0.77	86.59
41.0-42.0	39.1	2.8	338.8	0.73	87.33
42.0-43.0	36.4	2.7	341.5	0.70	88.02
43.0-44.0	33.8	2.6	344.0	0.66	88.68
44.0-45.0	31.5	2.4	346.4	0.62	89.30
45.0-46.0	29.2	2.3	348.7	0.59	89.89
46.0-47.0	27.2	2.2	350.9	0.56	90.45
47.0-48.0	25.3	2.0	352.9	0.53	90.98
48.0-49.0	23.6	1.9	354.9	0.50	91.48
49.0-50.0	21.9	1.8	356.7	0.47	91.95
50.0-51.0	20.4	1.7	358.4	0.44	92.39
51.0-52.0	19.0	1.6	360.1	0.42	92.81
52.0-53.0	17.6	1.5	361.6	0.40	93.21
53.0-54.0	16.4	1.4	363.0	0.37	93.58
54.0-55.0	15.2	1.4	364.4	0.35	93.93
55.0-56.0	14.1	1.3	365.7	0.33	94.26
56.0-57.0	13.0	1.2	366.9	0.31	94.56
57.0-58.0	12.0	1.1	368.0	0.29	94.85
58.0-59.0	11.1	1.0	369.0	0.27	95.12
59.0-60.0	10.2	1.0	370.0	0.25	95.36
60.0-61.0	9.4	0.9	370.9	0.23	95.59
61.0-62.0	8.6	0.8	371.7	0.21	95.81
62.0-63.0	7.8	0.8	372.4	0.20	96.00
63.0-64.0	7.2	0.7	373.1	0.18	96.19
64.0-65.0	6.5	0.6	373.8	0.17	96.35
65.0-66.0	5.9	0.6	374.4	0.15	96.50
66.0-67.0	5.4	0.5	374.9	0.14	96.65
67.0-68.0	4.9	0.5	375.4	0.13	96.77
68.0-69.0	4.5	0.5	375.9	0.12	96.89
69.0-70.0	4.1	0.4	376.3	0.11	97.00
70.0-71.0	3.7	0.4	376.7	0.10	97.10
71.0-72.0	3.4	0.4	377.0	0.09	97.19

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 2)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	3.1	0.3	377.4	0.08	97.27
73.0-74.0	2.8	0.3	377.7	0.08	97.35
74.0-75.0	2.5	0.3	377.9	0.07	97.41
75.0-76.0	2.3	0.2	378.2	0.06	97.48
76.0-77.0	2.0	0.2	378.4	0.05	97.53
77.0-78.0	1.8	0.2	378.6	0.05	97.58
78.0-79.0	1.6	0.2	378.7	0.04	97.62
79.0-80.0	1.4	0.2	378.9	0.04	97.66
80.0-81.0	1.3	0.1	379.0	0.04	97.70
81.0-82.0	1.2	0.1	379.2	0.03	97.73
82.0-83.0	1.1	0.1	379.3	0.03	97.76
83.0-84.0	1.0	0.1	379.4	0.03	97.79
84.0-85.0	0.9	0.1	379.5	0.03	97.82
85.0-86.0	0.8	0.1	379.6	0.02	97.84
86.0-87.0	0.8	0.1	379.6	0.02	97.86
87.0-88.0	0.8	0.1	379.7	0.02	97.88
88.0-89.0	0.7	0.1	379.8	0.02	97.90
89.0-90.0	0.7	0.1	379.9	0.02	97.92
90.0-91.0	0.7	0.1	380.0	0.02	97.94
91.0-92.0	0.7	0.1	380.0	0.02	97.96
92.0-93.0	0.7	0.1	380.1	0.02	97.98
93.0-94.0	0.7	0.1	380.2	0.02	98.00
94.0-95.0	0.7	0.1	380.3	0.02	98.02
95.0-96.0	0.7	0.1	380.3	0.02	98.04
96.0-97.0	0.7	0.1	380.4	0.02	98.06
97.0-98.0	0.7	0.1	380.5	0.02	98.08
98.0-99.0	0.7	0.1	380.6	0.02	98.10
99.0-100.0	0.7	0.1	380.6	0.02	98.12
100.0-101.0	0.7	0.1	380.7	0.02	98.14
101.0-102.0	0.7	0.1	380.8	0.02	98.16
102.0-103.0	0.7	0.1	380.9	0.02	98.18
103.0-104.0	0.7	0.1	381.0	0.02	98.20
104.0-105.0	0.7	0.1	381.0	0.02	98.22
105.0-106.0	0.8	0.1	381.1	0.02	98.24
106.0-107.0	0.8	0.1	381.2	0.02	98.26
107.0-108.0	0.7	0.1	381.3	0.02	98.28

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	0.8	0.1	381.4	0.02	98.30
109.0-110.0	0.8	0.1	381.4	0.02	98.32
110.0-111.0	0.8	0.1	381.5	0.02	98.34
111.0-112.0	0.8	0.1	381.6	0.02	98.36
112.0-113.0	0.8	0.1	381.7	0.02	98.39
113.0-114.0	0.8	0.1	381.8	0.02	98.41
114.0-115.0	0.8	0.1	381.8	0.02	98.43
115.0-116.0	0.9	0.1	381.9	0.02	98.45
116.0-117.0	0.9	0.1	382.0	0.02	98.47
117.0-118.0	0.9	0.1	382.1	0.02	98.49
118.0-119.0	0.9	0.1	382.2	0.02	98.52
119.0-120.0	0.9	0.1	382.3	0.02	98.54
120.0-121.0	0.9	0.1	382.4	0.02	98.56
121.0-122.0	1.0	0.1	382.5	0.02	98.58
122.0-123.0	1.0	0.1	382.5	0.02	98.61
123.0-124.0	1.0	0.1	382.6	0.02	98.63
124.0-125.0	1.0	0.1	382.7	0.02	98.66
125.0-126.0	1.1	0.1	382.8	0.02	98.68
126.0-127.0	1.1	0.1	382.9	0.03	98.70
127.0-128.0	1.1	0.1	383.0	0.03	98.73
128.0-129.0	1.2	0.1	383.1	0.03	98.76
129.0-130.0	1.2	0.1	383.2	0.03	98.78
130.0-131.0	1.2	0.1	383.3	0.03	98.81
131.0-132.0	1.3	0.1	383.4	0.03	98.84
132.0-133.0	1.3	0.1	383.5	0.03	98.86
133.0-134.0	1.4	0.1	383.7	0.03	98.89
134.0-135.0	1.4	0.1	383.8	0.03	98.92
135.0-136.0	1.5	0.1	383.9	0.03	98.95
136.0-137.0	1.5	0.1	384.0	0.03	98.98
137.0-138.0	1.6	0.1	384.1	0.03	99.01
138.0-139.0	1.6	0.1	384.2	0.03	99.04
139.0-140.0	1.7	0.1	384.4	0.03	99.07
140.0-141.0	1.8	0.1	384.5	0.03	99.10
141.0-142.0	1.8	0.1	384.6	0.03	99.14
142.0-143.0	1.9	0.1	384.7	0.03	99.17
143.0-144.0	1.9	0.1	384.8	0.03	99.20

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 4)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	2.0	0.1	385.0	0.03	99.23
145.0-146.0	2.0	0.1	385.1	0.03	99.27
146.0-147.0	2.1	0.1	385.2	0.03	99.30
147.0-148.0	2.2	0.1	385.4	0.03	99.33
148.0-149.0	2.2	0.1	385.5	0.03	99.36
149.0-150.0	2.3	0.1	385.6	0.03	99.40
150.0-151.0	2.3	0.1	385.7	0.03	99.43
151.0-152.0	2.4	0.1	385.9	0.03	99.46
152.0-153.0	2.5	0.1	386.0	0.03	99.50
153.0-154.0	2.5	0.1	386.1	0.03	99.53
154.0-155.0	2.6	0.1	386.2	0.03	99.56
155.0-156.0	2.6	0.1	386.4	0.03	99.59
156.0-157.0	2.7	0.1	386.5	0.03	99.62
157.0-158.0	2.7	0.1	386.6	0.03	99.65
158.0-159.0	2.8	0.1	386.7	0.03	99.68
159.0-160.0	2.8	0.1	386.8	0.03	99.71
160.0-161.0	2.8	0.1	386.9	0.03	99.73
161.0-162.0	2.9	0.1	387.0	0.03	99.76
162.0-163.0	2.9	0.1	387.1	0.02	99.78
163.0-164.0	2.9	0.1	387.2	0.02	99.81
164.0-165.0	3.0	0.1	387.3	0.02	99.83
165.0-166.0	3.0	0.1	387.4	0.02	99.85
166.0-167.0	3.0	0.1	387.4	0.02	99.87
167.0-168.0	3.1	0.1	387.5	0.02	99.89
168.0-169.0	3.1	0.1	387.6	0.02	99.91
169.0-170.0	3.1	0.1	387.6	0.02	99.92
170.0-171.0	3.1	0.1	387.7	0.01	99.94
171.0-172.0	3.1	0.1	387.8	0.01	99.95
172.0-173.0	3.2	0.0	387.8	0.01	99.96
173.0-174.0	3.2	0.0	387.8	0.01	99.97
174.0-175.0	3.2	0.0	387.9	0.01	99.98
175.0-176.0	3.2	0.0	387.9	0.01	99.99
176.0-177.0	3.2	0.0	387.9	0.01	99.99
177.0-178.0	3.2	0.0	387.9	0.00	100.00
178.0-179.0	3.2	0.0	387.9	0.00	100.00
179.0-180.0	3.2	0.0	387.9	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: