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

Report No.: **Test Time: 2023/11/1 09:31**

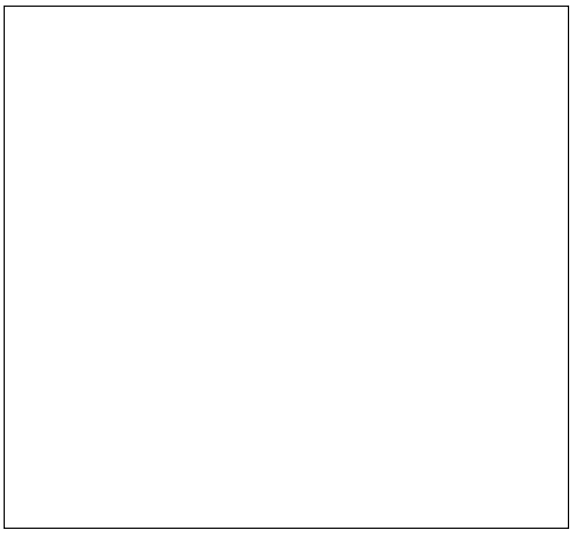
Luminaire Property

Luminaire Manufacturer: Acolyte
Luminaire Category: Scroll pendants
Luminaire Description: Scroll pendants C50 VW SO 28W
Lamp Catalog: WARM Only **Luminous Length (mm): 300**
Luminous Width (mm): 50 **Luminous Height (mm): 50**
Voltage: 24.0 V **Current: 0.184 A**
Power: 4.42 W **Power Factor: 1.000**

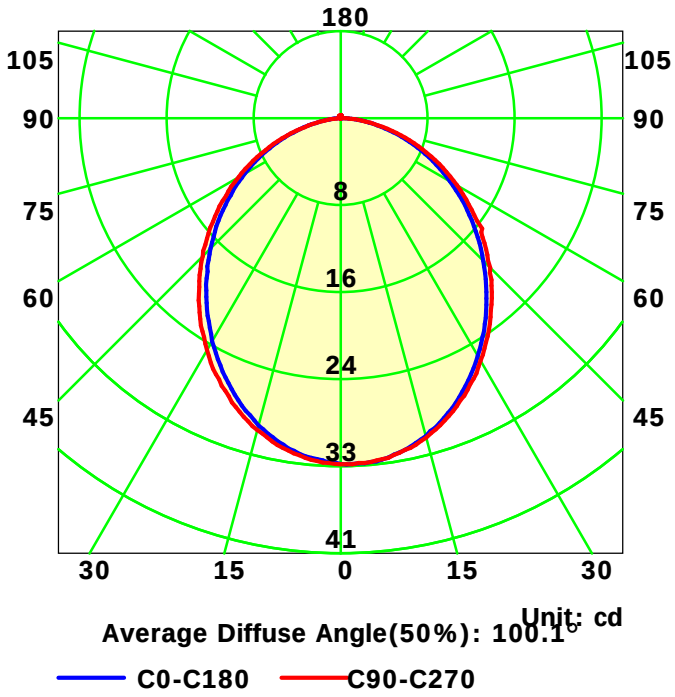
Photometric Results

CIE Class: Direct **Total Rated Lamp Lumens: 82.2 lm**
Measurement Flux: 82.2 lm **Efficiency: 100%**
Downward Ratio: 99% **Upward Ratio: 1%**
Horizontal Diffuse Angle(10%,50%): H156.4,H98
Vertical Diffuse Angle(10%,50%): V156.6,V102.2
Luminaire Efficacy Rating (LER): 19 **Central Intensity: 32.77 cd**
Max. Intensity: 32.87 cd **Pos of Max. Intensity: H120 V1**

Picture Of Luminaire

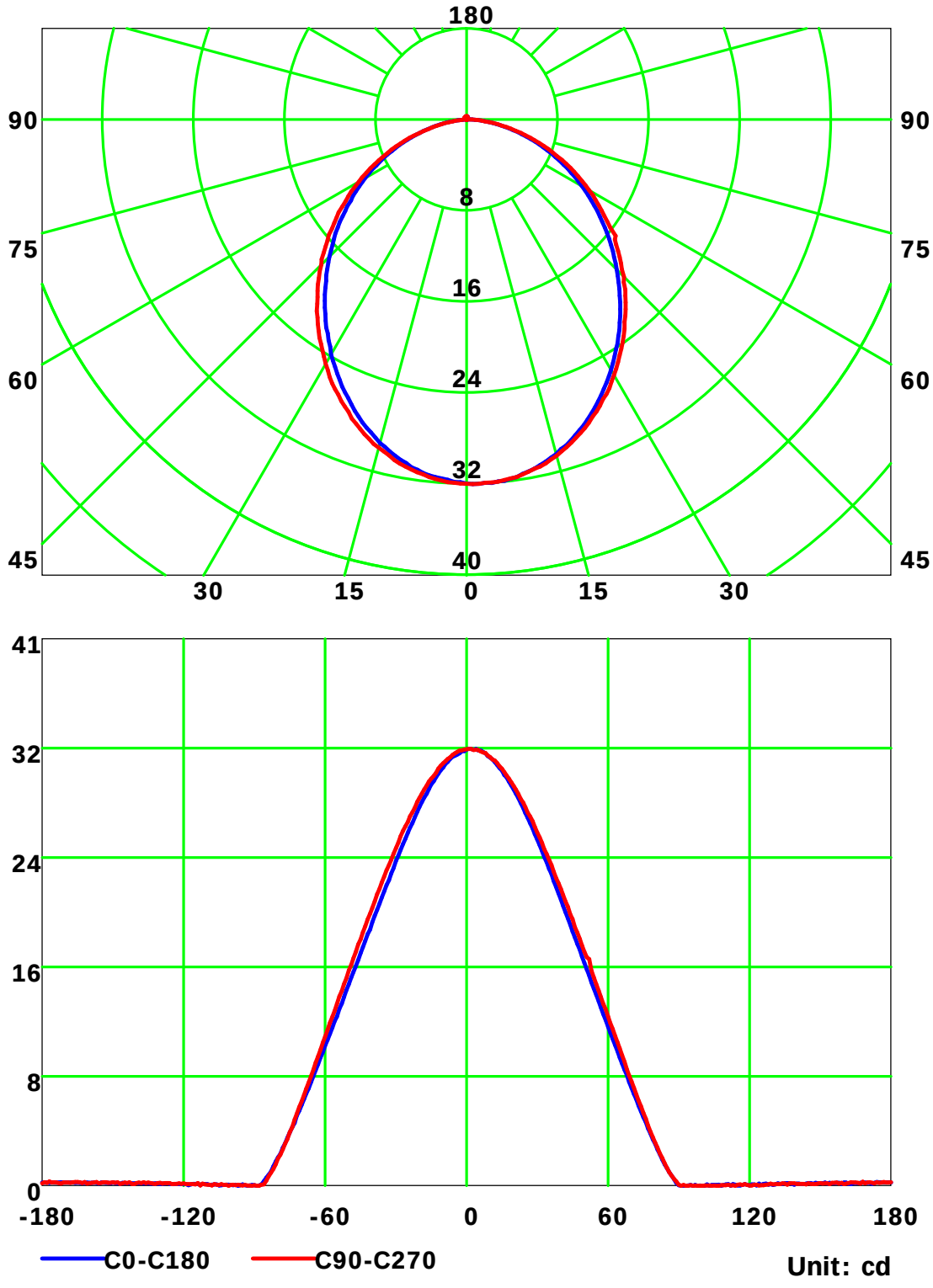


Luminous Intensity Distribution Curve



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: Nick **Inspector:**

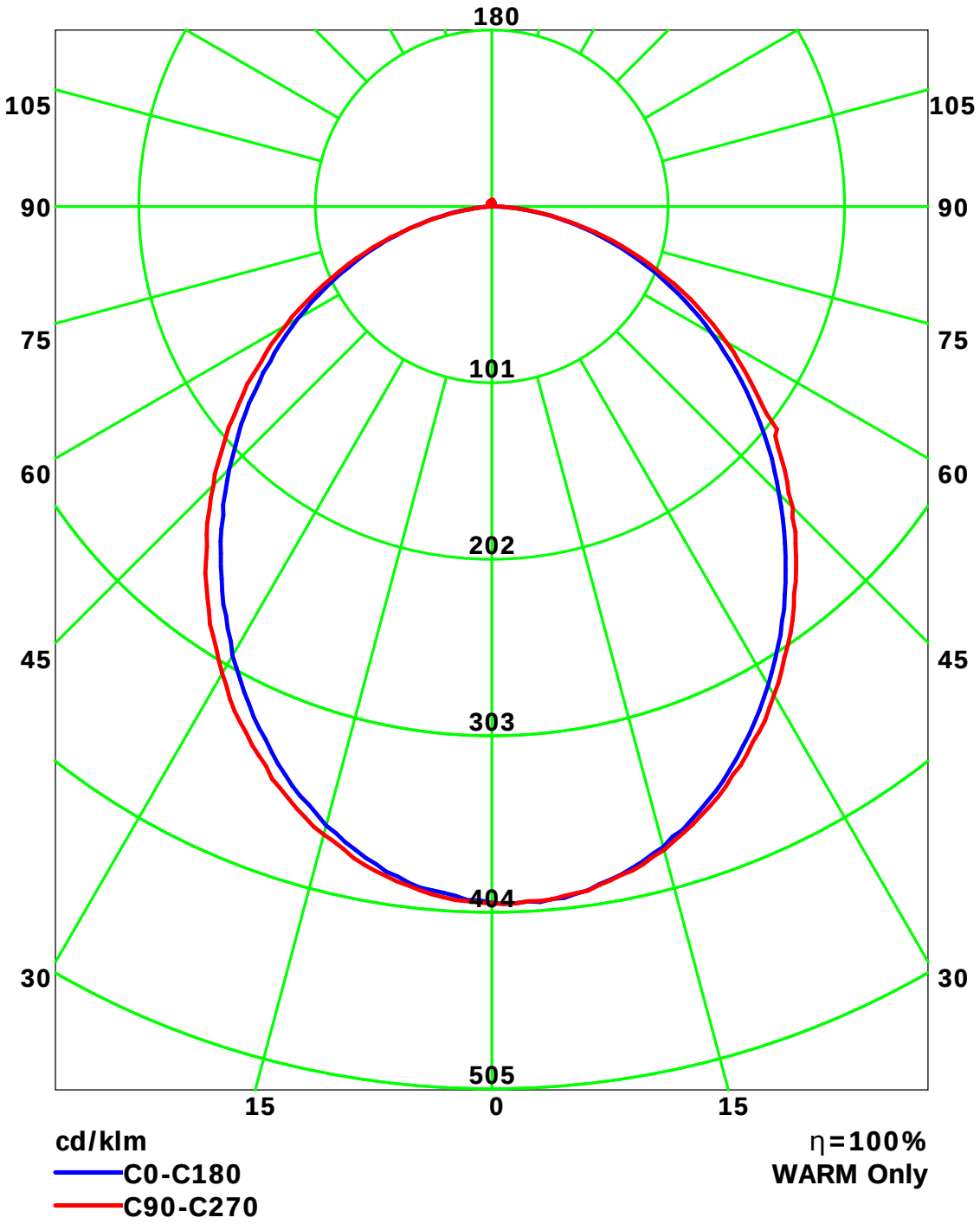
Luminous Intensity Distribution Curve



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

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: Nick

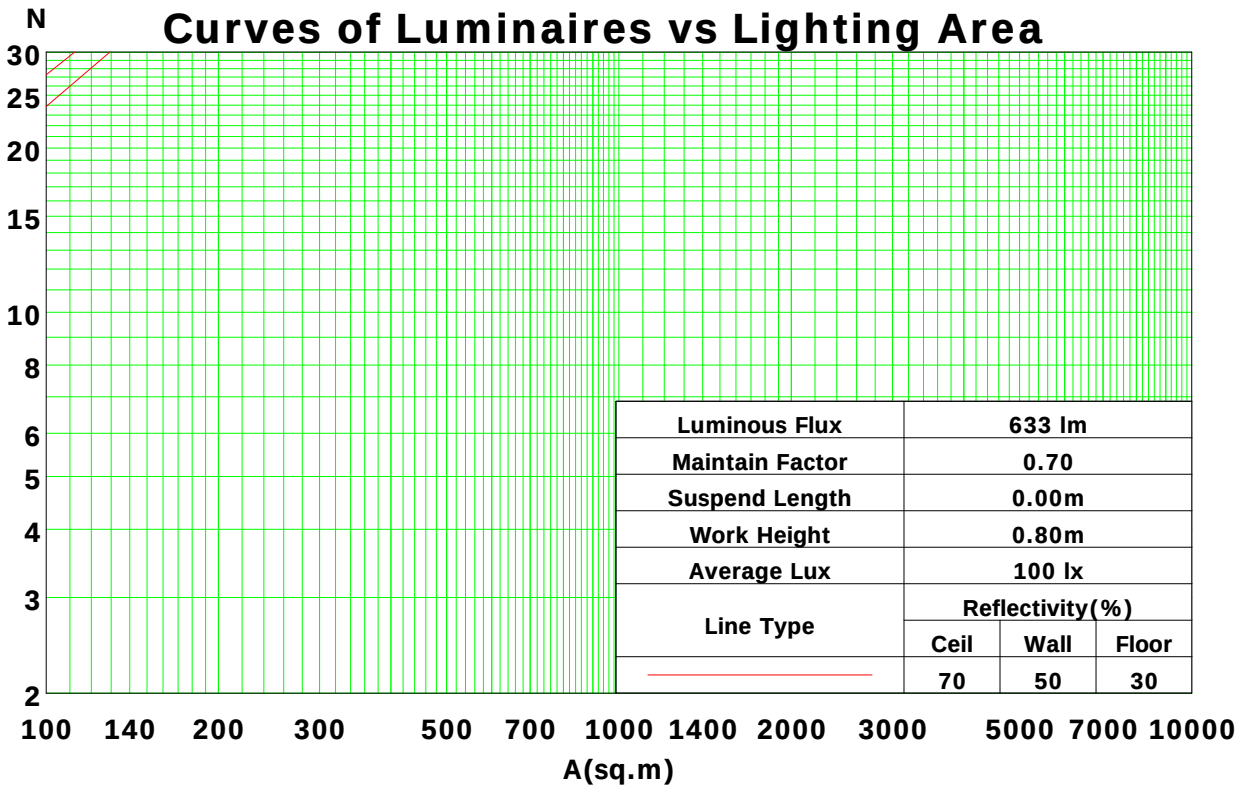
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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	109	104	100	97	106	102	98	95	98	95	92	94	91	89	90	88	86	84
2	99	91	85	79	97	90	83	78	86	81	76	82	78	74	79	76	73	71
3	91	81	73	66	88	79	72	66	76	70	64	73	68	63	70	66	62	60
4	83	72	63	57	81	70	62	56	68	61	55	65	59	54	63	58	54	51
5	77	64	56	49	75	63	55	49	61	54	48	59	52	47	57	51	47	45
6	71	58	49	43	69	57	49	43	55	48	42	53	47	42	52	46	41	39
7	66	53	44	38	64	52	44	38	50	43	38	49	42	37	47	41	37	35
8	62	48	40	34	60	48	40	34	46	39	34	45	38	33	44	38	33	31
9	58	44	36	31	56	44	36	31	43	35	31	41	35	30	40	34	30	28
10	54	41	33	28	53	40	33	28	39	33	28	38	32	28	37	32	27	26

Spacing Criteria (0-180): 1.15
Spacing Criteria (90-270): 1.18
Spacing Criteria (Diagonal): 1.28

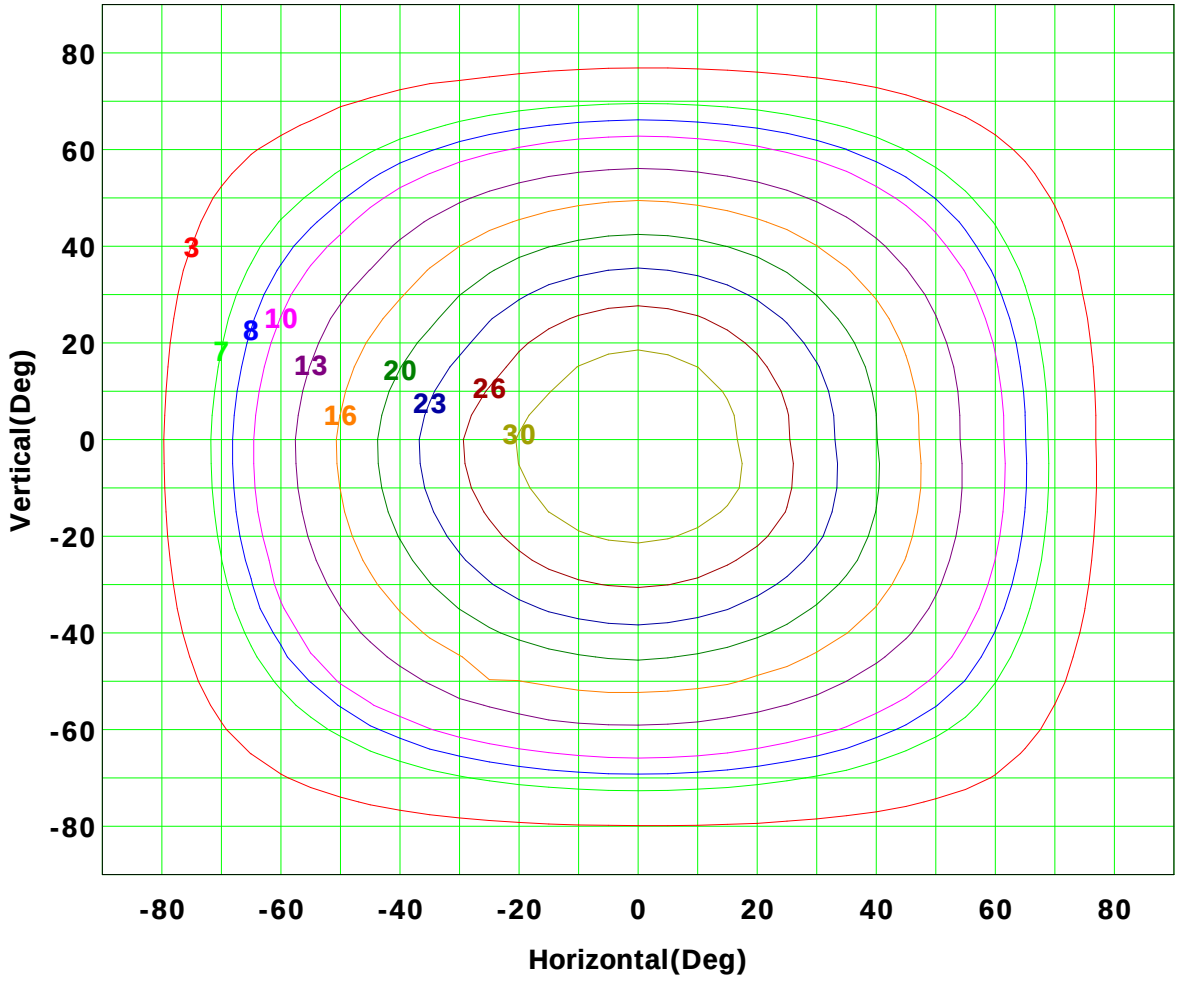
Curves of Luminaires vs Lighting Area



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

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

Isocandela (rectangle)



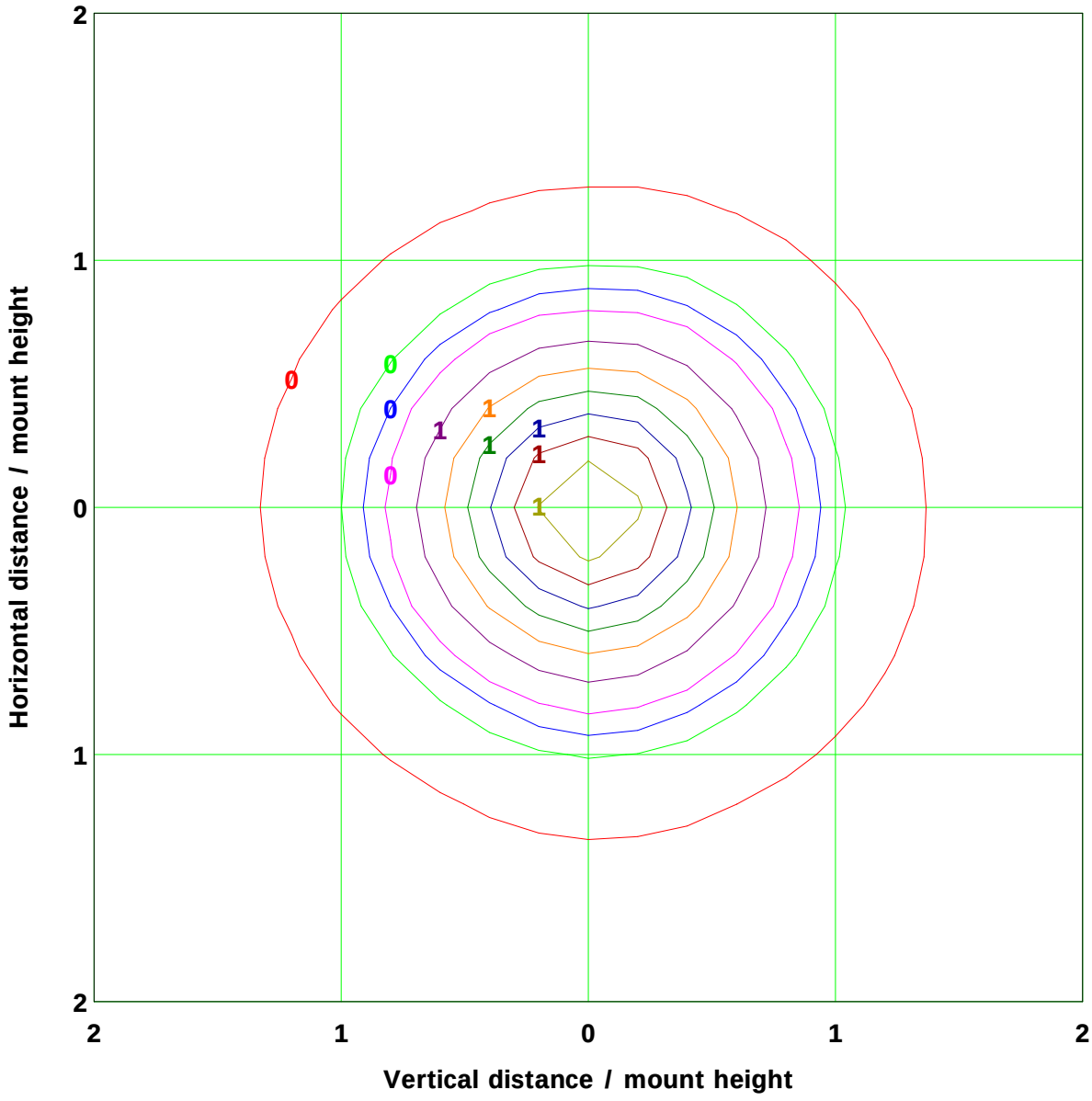
Imax (100%): 33 cd

(10%):	3 cd	(20%):	7 cd
(25%):	8 cd	(30%):	10 cd
(40%):	13 cd	(50%):	16 cd
(60%):	20 cd	(70%):	23 cd
(80%):	26 cd	(90%):	30 cd

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

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%): 1.3 lx

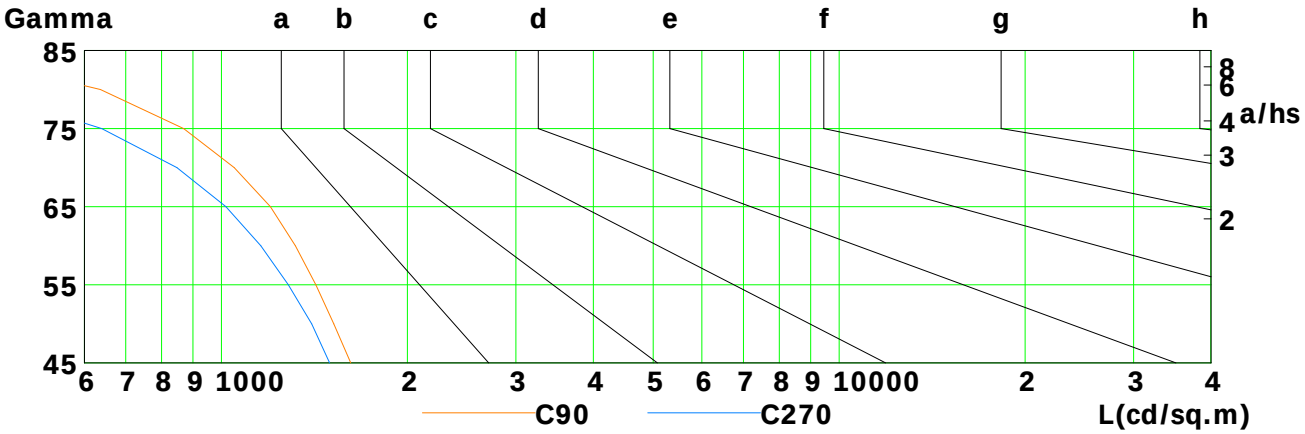
(10%): 0.1 lx	(20%): 0.3 lx
(25%): 0.3 lx	(30%): 0.4 lx
(40%): 0.5 lx	(50%): 0.7 lx
(60%): 0.8 lx	(70%): 0.9 lx
(80%): 1.1 lx	(90%): 1.2 lx

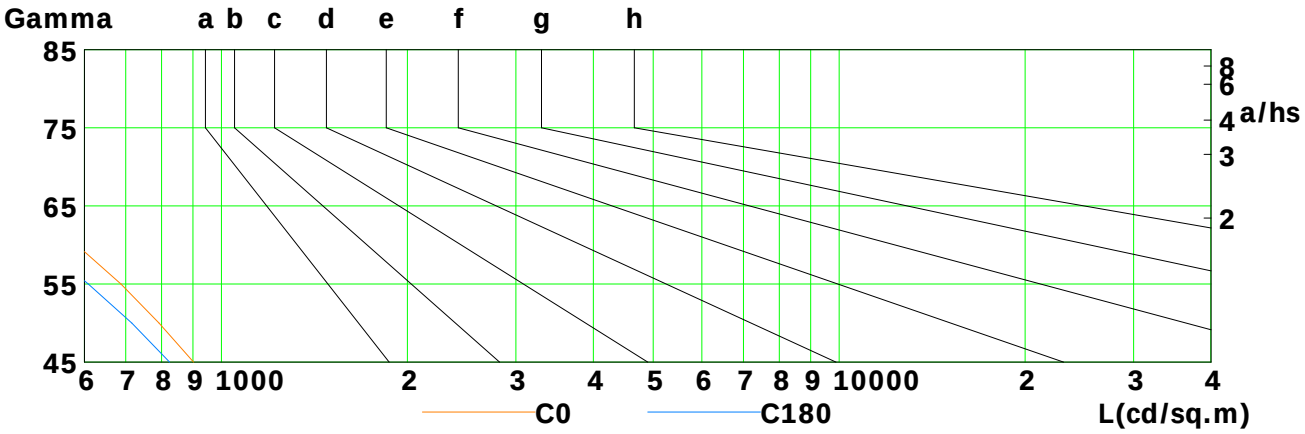
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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



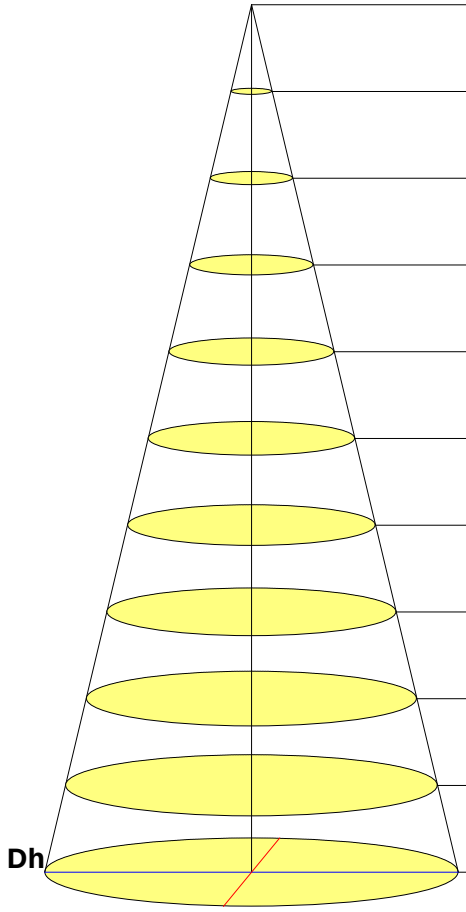


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	901	793	688	584	484	382	281	181	82
C90	1619	1521	1422	1317	1200	1050	869	637	361
C180	824	716	609	514	415	316	218	123	38
C270	1497	1400	1283	1159	1017	848	640	407	105

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

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

Illuminance at a Distance



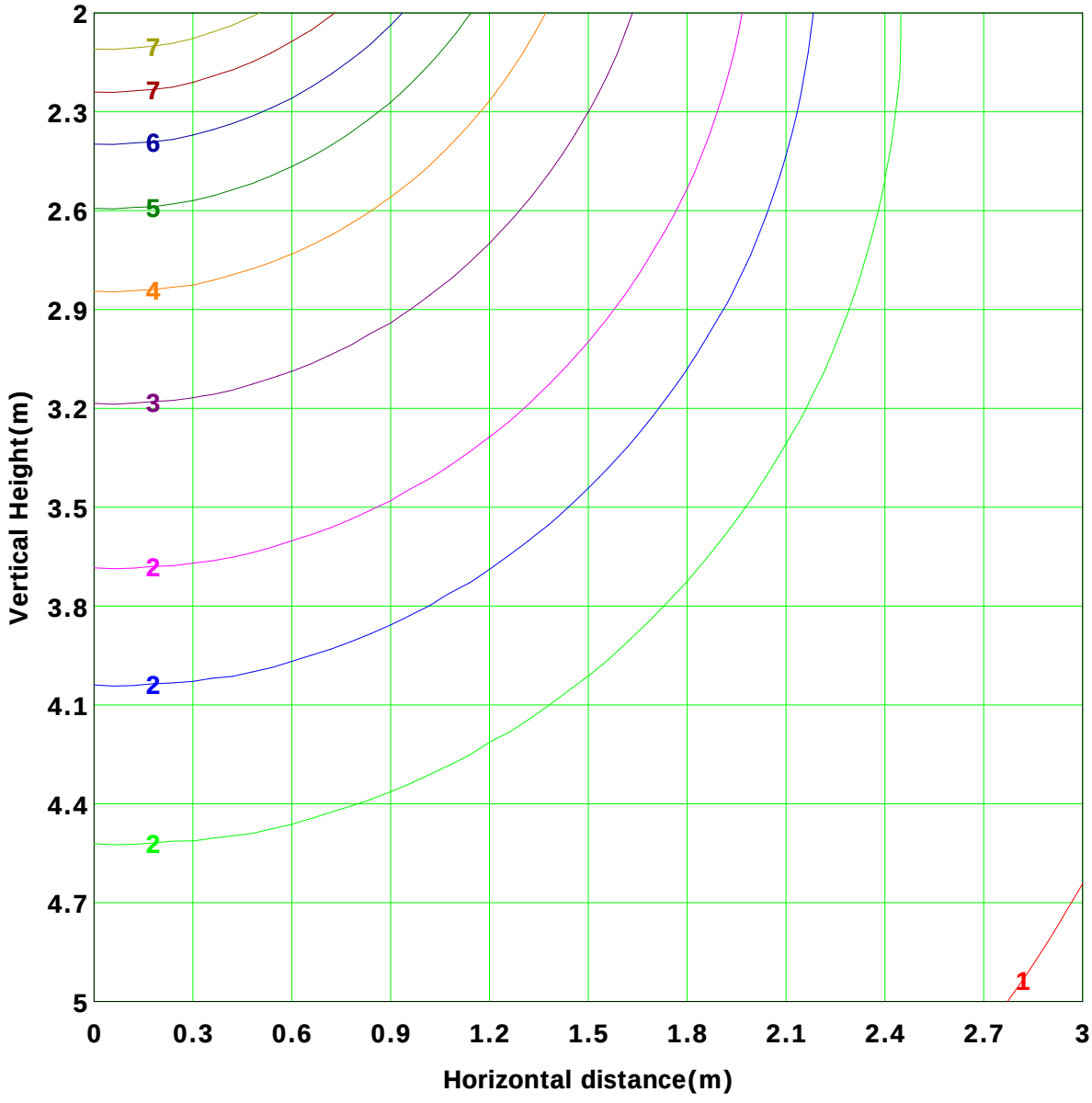
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	32.77	2.30/2.48	4.6	6.81
2.0	8.19	4.60/4.96	18.3	1.70
3.0	3.64	6.90/7.44	41.2	0.76
4.0	2.05	9.20/9.92	73.2	0.43
5.0	1.31	11.49/12.40	114.4	0.27
6.0	0.91	13.79/14.88	164.8	0.19
7.0	0.67	16.09/17.36	224.3	0.14
8.0	0.51	18.39/19.84	293.0	0.11
9.0	0.40	20.69/22.32	370.8	0.08
10.0	0.33	22.99/24.80	457.7	0.07

Beam Angle(B): H98.0 V102.2 Field Angle(F): H156.4 V156.6

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

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: 8.2 lx
(10%):	0.8 lx	(20%):	1.6 lx
(25%):	2.0 lx	(30%):	2.5 lx
(40%):	3.3 lx	(50%):	4.1 lx
(60%):	4.9 lx	(70%):	5.7 lx
(80%):	6.6 lx	(90%):	7.4 lx

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

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

Area Flux Table

Unit: lm

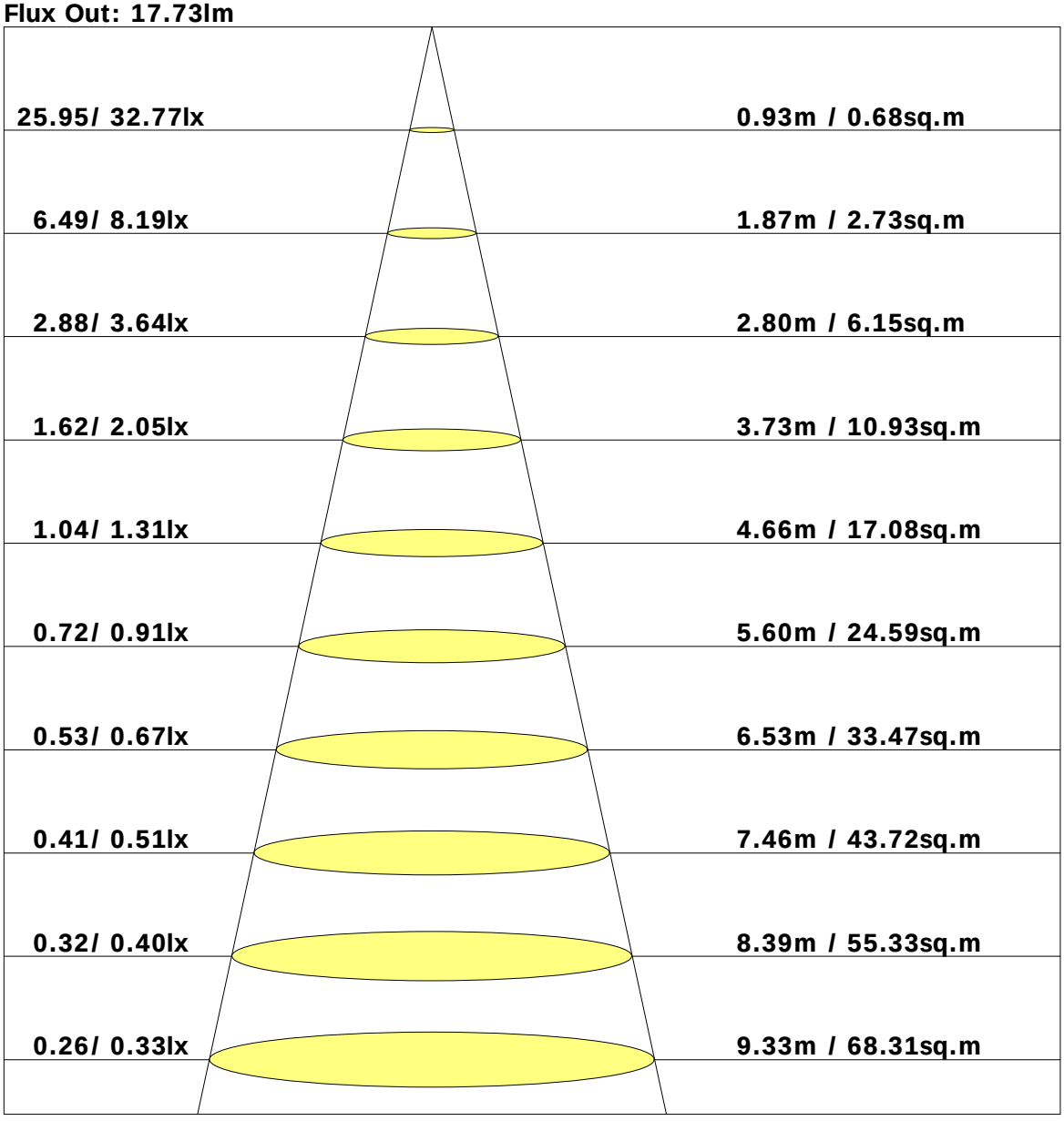
Horizontal plane	Vertical plane																									
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
-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	1.1
-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	2.3
-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	3.9
-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	5.7
-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	0.0	7.5
-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	8.9
-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	9.8
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8
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	9.9
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	9.1
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	7.7
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	6.0
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	4.2
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	2.5
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	1.3
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	0.4
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	0.1
Flux(T)	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	0.0	0.4
Flux(E)	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	0.0	0.0

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

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

The Average Illuminance Effective Figure

Flux Out: 17.73lm



Height | Avg./Nadir. E | Beam Angle:50.0° | Diameter / Area

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

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	20.3	21.9	20.7	22.2	22.6	19.5	21.1	19.9	21.4	21.8
3H	22.0	23.4	22.3	23.7	24.1	20.8	22.3	21.2	22.6	23.0
4H	22.5	23.9	22.9	24.2	24.6	21.3	22.6	21.7	23.0	23.4
6H	22.9	24.1	23.3	24.5	24.9	21.5	22.7	21.9	23.1	23.5
8H	23.0	24.2	23.5	24.6	25.0	21.5	22.7	22.0	23.1	23.6
12H	23.1	24.2	23.5	24.6	25.0	21.6	22.7	22.0	23.1	23.5
X=4H Y=2H	20.7	22.0	21.1	22.4	22.8	20.1	21.4	20.5	21.8	22.2
3H	22.4	23.5	22.8	23.9	24.4	21.6	22.7	22.0	23.1	23.5
4H	23.1	24.1	23.5	24.5	25.0	22.1	23.1	22.5	23.5	24.0
6H	23.5	24.4	24.0	24.9	25.3	22.4	23.3	22.9	23.8	24.2
8H	23.7	24.5	24.1	24.9	25.4	22.5	23.3	23.0	23.8	24.3
12H	23.7	24.5	24.2	25.0	25.5	22.5	23.2	23.0	23.7	24.2
X=8H Y=4H	23.1	24.0	23.6	24.4	24.9	22.3	23.1	22.8	23.6	24.1
6H	23.6	24.3	24.2	24.8	25.3	22.7	23.4	23.2	23.9	24.4
8H	23.8	24.4	24.3	24.9	25.4	22.8	23.4	23.3	23.9	24.4
12H	23.9	24.4	24.4	25.0	25.5	22.9	23.4	23.4	23.9	24.5
X=12H Y=4H	23.1	23.9	23.6	24.4	24.9	22.3	23.1	22.8	23.6	24.1
6H	23.6	24.3	24.2	24.7	25.3	22.7	23.3	23.3	23.8	24.4
8H	23.8	24.4	24.3	24.9	25.4	22.9	23.4	23.4	23.9	24.5

Calculate in accordance with CIE 190:2010

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

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 = 1.25					
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	0.69	0.76	0.81	0.88	0.93	0.97	1.01	1.04
	0.30		0.51	0.62	0.69	0.75	0.83	0.88	0.92	0.97	1.01
	0.20		0.46	0.56	0.64	0.69	0.78	0.83	0.88	0.94	0.98
0.50	0.50	0.20	0.57	0.67	0.74	0.78	0.85	0.90	0.93	0.97	1.00
	0.30		0.50	0.60	0.67	0.73	0.80	0.85	0.89	0.94	0.97
	0.20		0.45	0.55	0.63	0.68	0.76	0.81	0.85	0.91	0.94
0.30	0.50	0.20	0.56	0.65	0.71	0.76	0.82	0.86	0.89	0.93	0.96
	0.30		0.49	0.59	0.66	0.71	0.78	0.83	0.86	0.90	0.93
	0.20		0.45	0.55	0.62	0.67	0.74	0.79	0.83	0.88	0.91
0.00	0.00	0.00	0.43	0.52	0.59	0.64	0.71	0.76	0.79	0.83	0.86

Rating:4W 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: Nick

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 = 1.25								
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	0.96	0.79	0.67	0.59	0.47	0.39	0.33	0.25	0.21
	0.30		0.80	0.68	0.59	0.52	0.42	0.35	0.30	0.24	0.20
	0.20		0.69	0.59	0.52	0.46	0.38	0.33	0.28	0.23	0.19
0.50	0.50	0.20	0.93	0.76	0.64	0.56	0.44	0.40	0.31	0.24	0.20
	0.30		0.79	0.66	0.57	0.50	0.41	0.34	0.29	0.23	0.19
	0.20		0.68	0.58	0.51	0.45	0.37	0.32	0.27	0.22	0.18
0.30	0.50	0.20	0.90	0.73	0.62	0.53	0.42	0.35	0.30	0.23	0.19
	0.30		0.77	0.64	0.55	0.48	0.39	0.33	0.28	0.22	0.18
	0.20		0.67	0.57	0.50	0.44	0.36	0.31	0.26	0.21	0.17
0.00	0.00	0.00	0.57	0.47	0.40	0.36	0.29	0.24	0.20	0.16	0.13

Rating:4W 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: Nick

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 = 1.25								
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	0.17	0.18	0.19	0.20	0.21	0.21	0.22	0.22	0.23
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20
	0.20		0.06	0.07	0.09	0.10	0.12	0.14	0.15	0.17	0.18
0.50	0.50	0.20	0.16	0.18	0.18	0.19	0.20	0.20	0.21	0.21	0.22
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.17	0.19	0.19
	0.20		0.06	0.07	0.09	0.10	0.12	0.13	0.15	0.16	0.17
0.30	0.50	0.20	0.16	0.17	0.18	0.18	0.19	0.20	0.20	0.20	0.21
	0.30		0.10	0.11	0.13	0.14	0.15	0.16	0.17	0.18	0.19
	0.20		0.06	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17
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:4W 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: Nick

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	32.8	0.0	0.0	0.04	0.04
1.0-2.0	32.8	0.1	0.1	0.11	0.15
2.0-3.0	32.7	0.2	0.3	0.19	0.34
3.0-4.0	32.7	0.2	0.5	0.27	0.61
4.0-5.0	32.6	0.3	0.8	0.34	0.95
5.0-6.0	32.5	0.3	1.1	0.42	1.37
6.0-7.0	32.4	0.4	1.5	0.49	1.86
7.0-8.0	32.3	0.5	2.0	0.56	2.42
8.0-9.0	32.1	0.5	2.5	0.63	3.05
9.0-10.0	32.0	0.6	3.1	0.70	3.75
10.0-11.0	31.8	0.6	3.7	0.77	4.53
11.0-12.0	31.6	0.7	4.4	0.84	5.37
12.0-13.0	31.4	0.7	5.2	0.91	6.27
13.0-14.0	31.2	0.8	6.0	0.97	7.25
14.0-15.0	30.9	0.8	6.8	1.03	8.28
15.0-16.0	30.7	0.9	7.7	1.09	9.37
16.0-17.0	30.4	0.9	8.7	1.15	10.52
17.0-18.0	30.1	1.0	9.6	1.21	11.73
18.0-19.0	29.8	1.0	10.7	1.26	12.99
19.0-20.0	29.5	1.1	11.8	1.31	14.31
20.0-21.0	29.2	1.1	12.9	1.36	15.67
21.0-22.0	28.8	1.2	14.0	1.41	17.08
22.0-23.0	28.5	1.2	15.2	1.45	18.53
23.0-24.0	28.1	1.2	16.5	1.50	20.03
24.0-25.0	27.8	1.3	17.7	1.54	21.57
25.0-26.0	27.4	1.3	19.0	1.57	23.14
26.0-27.0	27.0	1.3	20.3	1.61	24.74
27.0-28.0	26.6	1.3	21.7	1.64	26.38
28.0-29.0	26.2	1.4	23.1	1.67	28.05
29.0-30.0	25.8	1.4	24.5	1.69	29.75
30.0-31.0	25.4	1.4	25.9	1.72	31.47
31.0-32.0	24.9	1.4	27.3	1.74	33.20
32.0-33.0	24.5	1.4	28.7	1.76	34.96
33.0-34.0	24.1	1.5	30.2	1.77	36.73
34.0-35.0	23.7	1.5	31.7	1.79	38.52
35.0-36.0	23.2	1.5	33.1	1.80	40.32

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

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	22.7	1.5	34.6	1.80	42.12
37.0-38.0	22.3	1.5	36.1	1.81	43.93
38.0-39.0	21.8	1.5	37.6	1.81	45.74
39.0-40.0	21.4	1.5	39.1	1.81	47.56
40.0-41.0	20.9	1.5	40.6	1.81	49.37
41.0-42.0	20.4	1.5	42.1	1.81	51.17
42.0-43.0	20.0	1.5	43.5	1.80	52.97
43.0-44.0	19.5	1.5	45.0	1.79	54.76
44.0-45.0	19.0	1.5	46.5	1.78	56.54
45.0-46.0	18.6	1.5	47.9	1.77	58.31
46.0-47.0	18.1	1.4	49.4	1.75	60.06
47.0-48.0	17.6	1.4	50.8	1.73	61.79
48.0-49.0	17.1	1.4	52.2	1.71	63.50
49.0-50.0	16.6	1.4	53.6	1.69	65.18
50.0-51.0	16.2	1.4	55.0	1.66	66.85
51.0-52.0	15.7	1.3	56.3	1.64	68.49
52.0-53.0	15.2	1.3	57.6	1.61	70.10
53.0-54.0	14.8	1.3	58.9	1.59	71.69
54.0-55.0	14.3	1.3	60.2	1.56	73.25
55.0-56.0	13.8	1.2	61.5	1.52	74.77
56.0-57.0	13.3	1.2	62.7	1.48	76.25
57.0-58.0	12.8	1.2	63.9	1.44	77.69
58.0-59.0	12.3	1.2	65.0	1.40	79.09
59.0-60.0	11.8	1.1	66.1	1.36	80.45
60.0-61.0	11.4	1.1	67.2	1.32	81.77
61.0-62.0	10.9	1.0	68.3	1.28	83.05
62.0-63.0	10.4	1.0	69.3	1.23	84.28
63.0-64.0	10.0	1.0	70.3	1.19	85.47
64.0-65.0	9.5	0.9	71.2	1.15	86.62
65.0-66.0	9.0	0.9	72.1	1.10	87.72
66.0-67.0	8.6	0.9	73.0	1.05	88.76
67.0-68.0	8.1	0.8	73.8	0.99	89.75
68.0-69.0	7.6	0.8	74.6	0.94	90.70
69.0-70.0	7.1	0.7	75.3	0.89	91.59
70.0-71.0	6.7	0.7	76.0	0.84	92.43
71.0-72.0	6.2	0.6	76.6	0.79	93.22

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

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	5.8	0.6	77.2	0.73	93.95
73.0-74.0	5.3	0.6	77.8	0.68	94.63
74.0-75.0	4.9	0.5	78.3	0.63	95.26
75.0-76.0	4.4	0.5	78.8	0.57	95.83
76.0-77.0	4.0	0.4	79.2	0.52	96.35
77.0-78.0	3.6	0.4	79.6	0.47	96.83
78.0-79.0	3.2	0.3	79.9	0.42	97.25
79.0-80.0	2.8	0.3	80.2	0.37	97.62
80.0-81.0	2.5	0.3	80.5	0.32	97.94
81.0-82.0	2.1	0.2	80.7	0.27	98.21
82.0-83.0	1.7	0.2	80.9	0.23	98.44
83.0-84.0	1.4	0.2	81.1	0.19	98.63
84.0-85.0	1.1	0.1	81.2	0.15	98.78
85.0-86.0	0.8	0.1	81.3	0.11	98.88
86.0-87.0	0.5	0.1	81.3	0.07	98.96
87.0-88.0	0.4	0.0	81.4	0.05	99.00
88.0-89.0	0.2	0.0	81.4	0.03	99.03
89.0-90.0	0.1	0.0	81.4	0.02	99.05
90.0-91.0	0.1	0.0	81.4	0.01	99.06
91.0-92.0	0.0	0.0	81.4	0.00	99.06
92.0-93.0	0.0	0.0	81.4	0.00	99.07
93.0-94.0	0.0	0.0	81.4	0.01	99.07
94.0-95.0	0.1	0.0	81.4	0.01	99.08
95.0-96.0	0.1	0.0	81.4	0.01	99.08
96.0-97.0	0.0	0.0	81.5	0.01	99.09
97.0-98.0	0.0	0.0	81.5	0.01	99.10
98.0-99.0	0.0	0.0	81.5	0.01	99.10
99.0-100.0	0.1	0.0	81.5	0.01	99.11
100.0-101.0	0.0	0.0	81.5	0.01	99.12
101.0-102.0	0.1	0.0	81.5	0.01	99.12
102.0-103.0	0.1	0.0	81.5	0.01	99.13
103.0-104.0	0.1	0.0	81.5	0.01	99.14
104.0-105.0	0.1	0.0	81.5	0.01	99.15
105.0-106.0	0.1	0.0	81.5	0.01	99.16
106.0-107.0	0.1	0.0	81.5	0.01	99.17
107.0-108.0	0.1	0.0	81.5	0.01	99.18

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

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	0.1	0.0	81.5	0.01	99.19
109.0-110.0	0.1	0.0	81.5	0.01	99.20
110.0-111.0	0.1	0.0	81.6	0.01	99.21
111.0-112.0	0.1	0.0	81.6	0.01	99.22
112.0-113.0	0.1	0.0	81.6	0.01	99.23
113.0-114.0	0.1	0.0	81.6	0.01	99.24
114.0-115.0	0.1	0.0	81.6	0.01	99.25
115.0-116.0	0.1	0.0	81.6	0.01	99.26
116.0-117.0	0.1	0.0	81.6	0.01	99.27
117.0-118.0	0.1	0.0	81.6	0.01	99.29
118.0-119.0	0.1	0.0	81.6	0.01	99.30
119.0-120.0	0.1	0.0	81.6	0.01	99.31
120.0-121.0	0.1	0.0	81.6	0.01	99.33
121.0-122.0	0.1	0.0	81.7	0.01	99.34
122.0-123.0	0.1	0.0	81.7	0.01	99.35
123.0-124.0	0.1	0.0	81.7	0.01	99.37
124.0-125.0	0.1	0.0	81.7	0.01	99.38
125.0-126.0	0.1	0.0	81.7	0.01	99.40
126.0-127.0	0.1	0.0	81.7	0.02	99.41
127.0-128.0	0.1	0.0	81.7	0.02	99.43
128.0-129.0	0.2	0.0	81.7	0.02	99.44
129.0-130.0	0.2	0.0	81.8	0.02	99.46
130.0-131.0	0.1	0.0	81.8	0.02	99.47
131.0-132.0	0.2	0.0	81.8	0.02	99.49
132.0-133.0	0.2	0.0	81.8	0.02	99.51
133.0-134.0	0.2	0.0	81.8	0.02	99.52
134.0-135.0	0.2	0.0	81.8	0.02	99.54
135.0-136.0	0.2	0.0	81.8	0.02	99.55
136.0-137.0	0.2	0.0	81.8	0.02	99.57
137.0-138.0	0.2	0.0	81.9	0.02	99.59
138.0-139.0	0.2	0.0	81.9	0.02	99.60
139.0-140.0	0.2	0.0	81.9	0.02	99.62
140.0-141.0	0.2	0.0	81.9	0.02	99.64
141.0-142.0	0.2	0.0	81.9	0.01	99.65
142.0-143.0	0.2	0.0	81.9	0.01	99.66
143.0-144.0	0.2	0.0	81.9	0.01	99.68

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

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	82.0	0.02	99.69
145.0-146.0	0.2	0.0	82.0	0.01	99.71
146.0-147.0	0.2	0.0	82.0	0.01	99.72
147.0-148.0	0.2	0.0	82.0	0.01	99.74
148.0-149.0	0.2	0.0	82.0	0.01	99.75
149.0-150.0	0.2	0.0	82.0	0.01	99.77
150.0-151.0	0.2	0.0	82.0	0.01	99.78
151.0-152.0	0.2	0.0	82.0	0.01	99.79
152.0-153.0	0.2	0.0	82.0	0.01	99.80
153.0-154.0	0.2	0.0	82.1	0.01	99.82
154.0-155.0	0.2	0.0	82.1	0.01	99.83
155.0-156.0	0.2	0.0	82.1	0.01	99.84
156.0-157.0	0.2	0.0	82.1	0.01	99.85
157.0-158.0	0.2	0.0	82.1	0.01	99.87
158.0-159.0	0.2	0.0	82.1	0.01	99.88
159.0-160.0	0.2	0.0	82.1	0.01	99.89
160.0-161.0	0.2	0.0	82.1	0.01	99.90
161.0-162.0	0.2	0.0	82.1	0.01	99.91
162.0-163.0	0.2	0.0	82.1	0.01	99.92
163.0-164.0	0.2	0.0	82.1	0.01	99.93
164.0-165.0	0.2	0.0	82.1	0.01	99.94
165.0-166.0	0.2	0.0	82.2	0.01	99.94
166.0-167.0	0.2	0.0	82.2	0.01	99.95
167.0-168.0	0.3	0.0	82.2	0.01	99.96
168.0-169.0	0.2	0.0	82.2	0.01	99.97
169.0-170.0	0.2	0.0	82.2	0.01	99.97
170.0-171.0	0.3	0.0	82.2	0.01	99.98
171.0-172.0	0.2	0.0	82.2	0.00	99.98
172.0-173.0	0.2	0.0	82.2	0.00	99.99
173.0-174.0	0.2	0.0	82.2	0.00	99.99
174.0-175.0	0.2	0.0	82.2	0.00	99.99
175.0-176.0	0.2	0.0	82.2	0.00	100.00
176.0-177.0	0.3	0.0	82.2	0.00	100.00
177.0-178.0	0.3	0.0	82.2	0.00	100.00
178.0-179.0	0.3	0.0	82.2	0.00	100.00
179.0-180.0	0.3	0.0	82.2	0.00	100.00

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

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