ACOLYTE
www.GENLEDBrands.com/Acolyte
Tel:+1 212 629 68304(USA)
Fax:(+86) 0755 2998

Report No.: **Test Time: 2020/4/29 13:58**

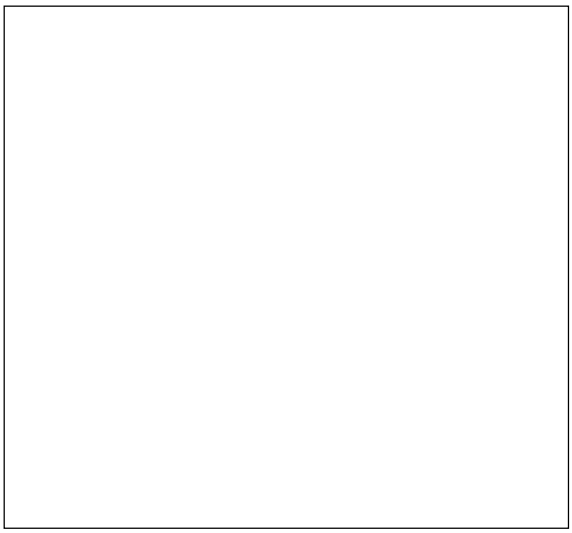
Luminaire Property

Luminaire Manufacturer:
Luminaire Category: RBMC65241.0A-140-0.5M
Luminaire Description: RBMC65241.0A-140-0.5M
Luminous Length (mm): 50 **Luminous Width (mm): 5**
Luminous Height (mm): 1 **Voltage: 24.0 V**
Current: 0.071 A **Power: 1.71 W**
Power Factor: 1.000

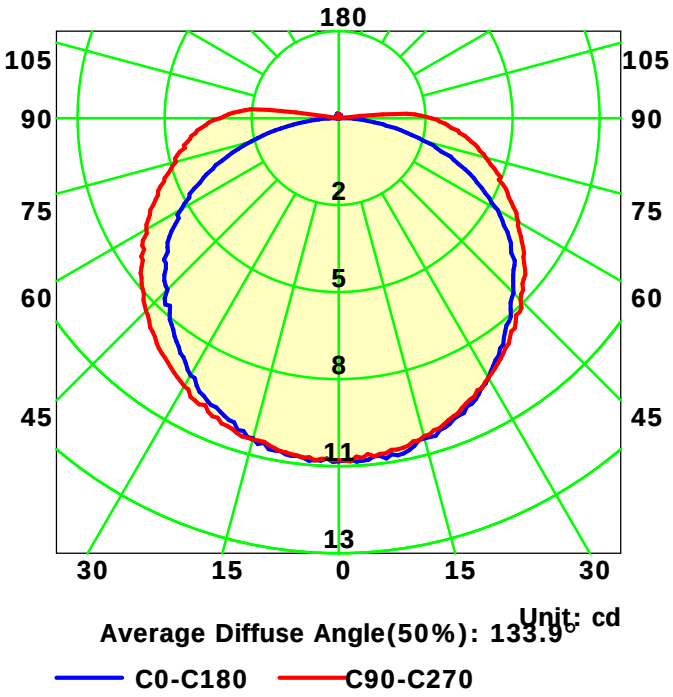
Photometric Results

CIE Class: Direct **Total Rated Lamp Lumens: 41.0 lm**
Measurement Flux: 41 lm **Efficiency: 100%**
Downward Ratio: 97% **Upward Ratio: 3%**
Horizontal Diffuse Angle(10%,50%): H167.2,H123.4
Vertical Diffuse Angle(10%,50%): V193.8,V144.5
Luminaire Efficacy Rating (LER): 24 **Central Intensity: 11 cd**
Max. Intensity: 11.03 cd **Pos of Max. Intensity: H0 V3**

Picture Of Luminaire

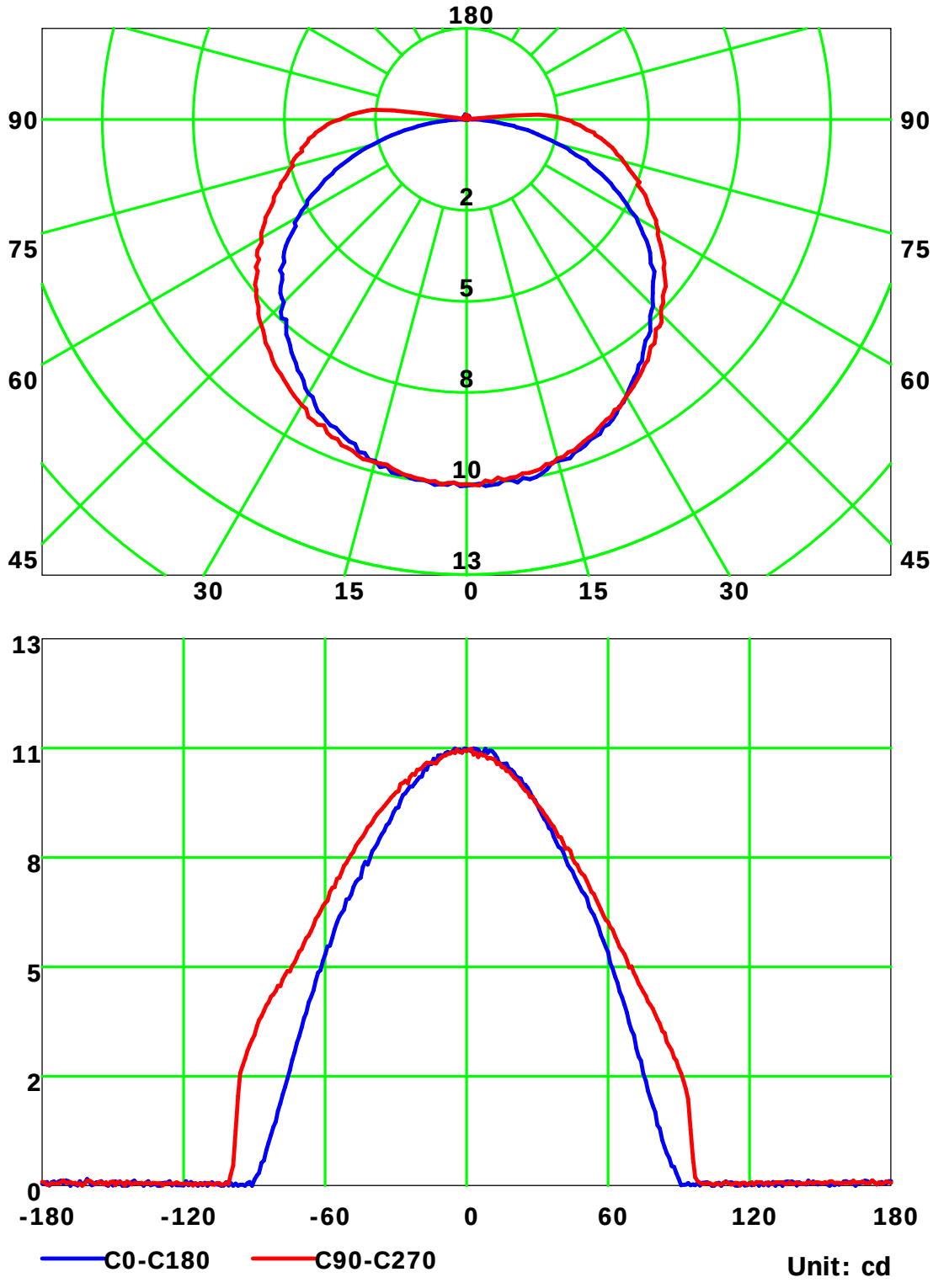


Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 30.0 **Gamma Plane (°):0.0-180.0:1.0**
Test Lab: ACOLYTE **Test Device: GPM-1800B**
Test Type: TYPE C **Distance: 9.028 m**
Temperature: 25 **Humidity: 60%**
Operator: Zk **Inspector:**

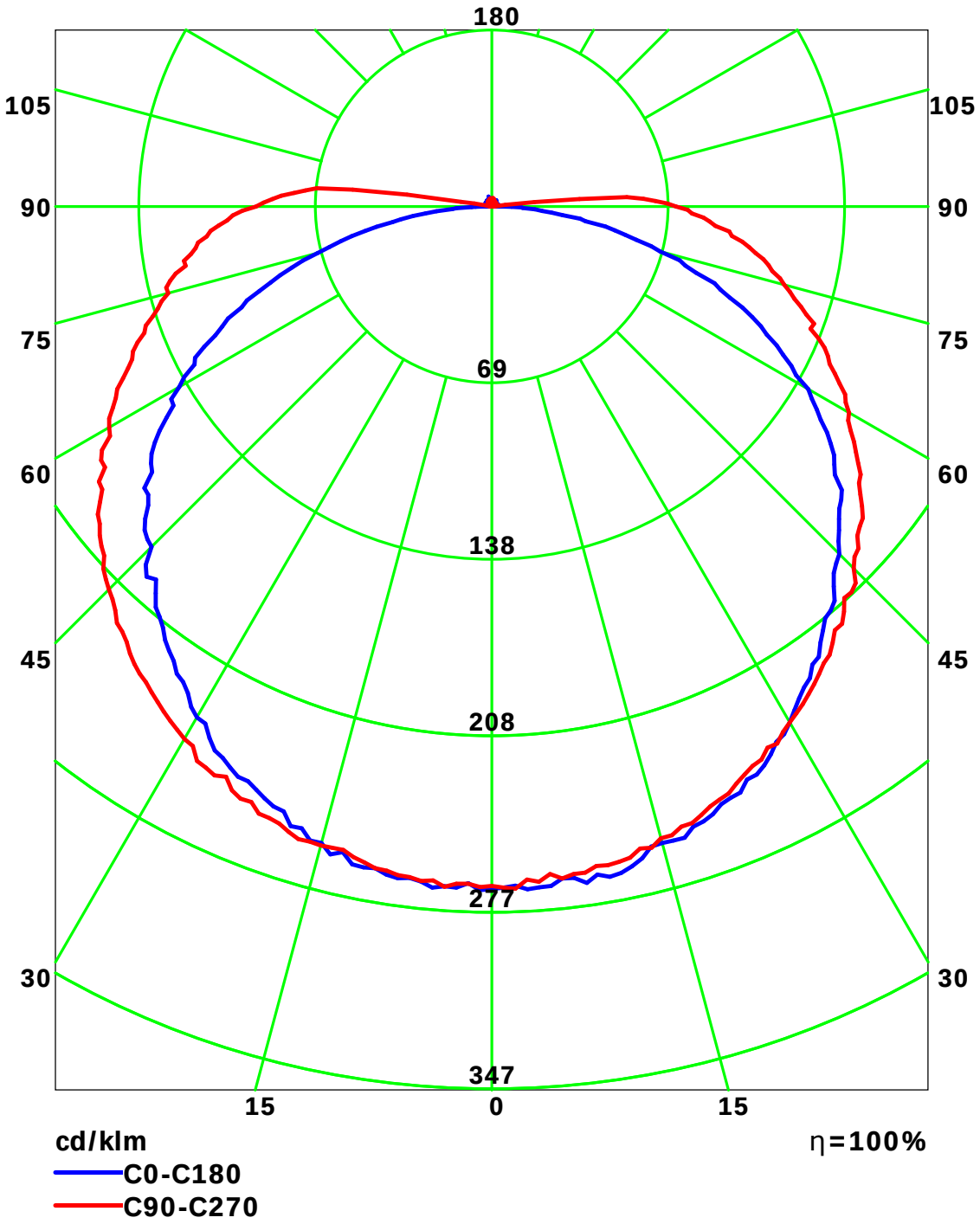
Luminous Intensity Distribution Curve



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

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: ACOLYTE
Test Type: TYPE C
Temperature: 25
Operator: Zk

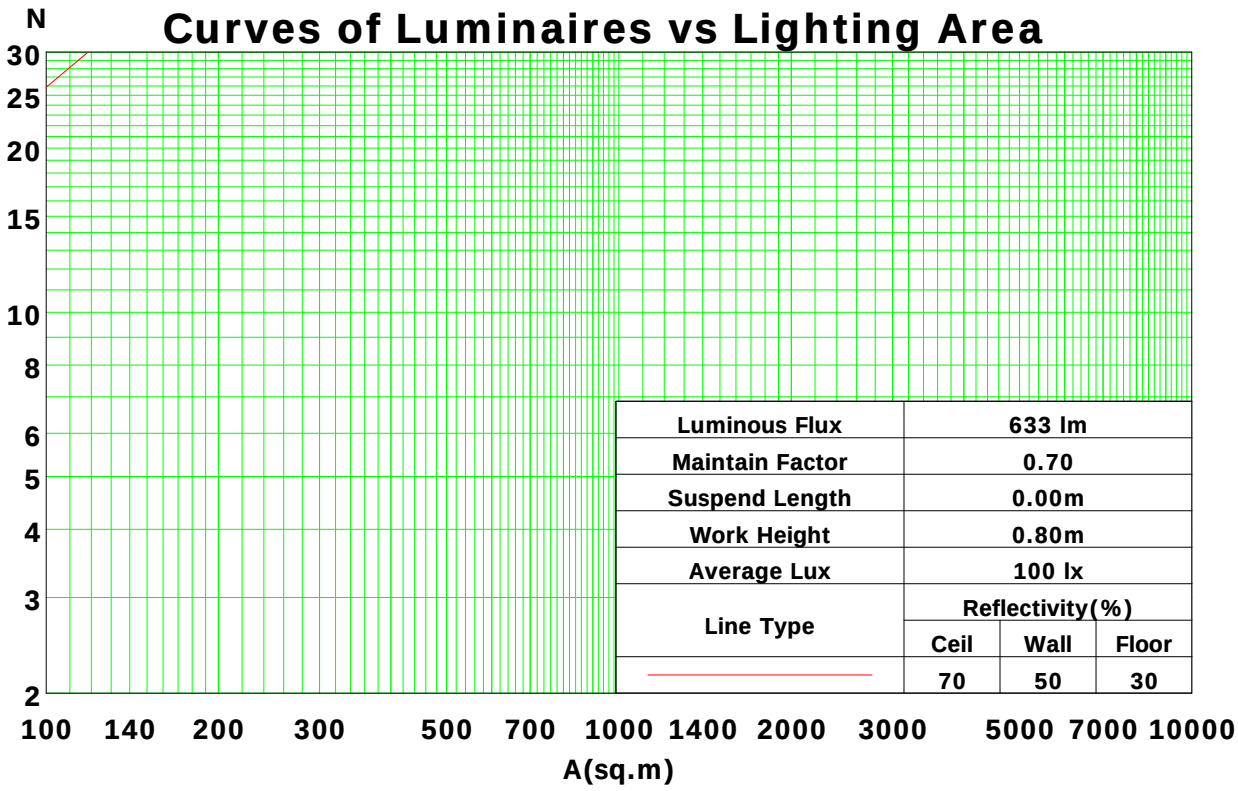
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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	105	99	94	89	102	96	92	87	91	87	84	87	84	81	83	80	77	75
2	94	85	77	70	91	83	75	69	78	72	67	74	69	65	71	67	63	60
3	85	74	64	57	82	72	63	56	68	61	55	65	59	53	62	56	52	49
4	78	65	55	48	75	63	54	47	60	52	46	57	50	45	55	49	44	41
5	71	57	48	40	69	56	47	40	53	45	39	51	44	38	49	43	38	35
6	66	51	42	35	63	50	41	35	48	40	34	46	39	33	44	38	33	31
7	61	46	37	31	59	45	37	30	44	36	30	42	35	29	40	34	29	27
8	57	42	33	27	55	41	33	27	40	32	27	38	31	26	37	30	26	24
9	53	39	30	24	51	38	30	24	37	29	24	35	28	23	34	28	23	21
10	49	36	27	22	48	35	27	22	34	26	21	33	26	21	31	25	21	19

Spacing Criteria (0-180): 1.28
Spacing Criteria (90-270): 1.33
Spacing Criteria (Diagonal): 1.45

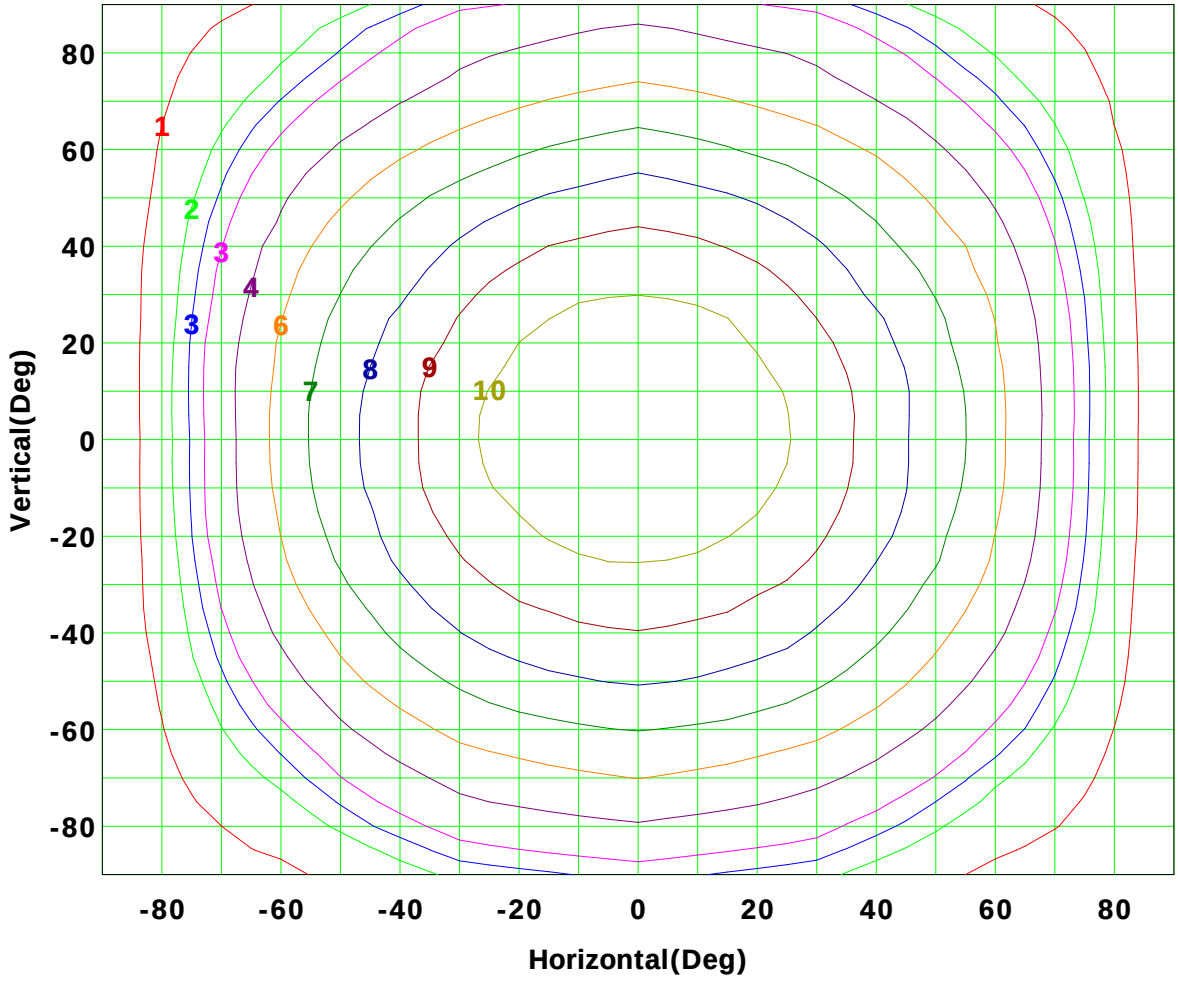
Curves of Luminaires vs Lighting Area



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

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

Isocandela (rectangle)



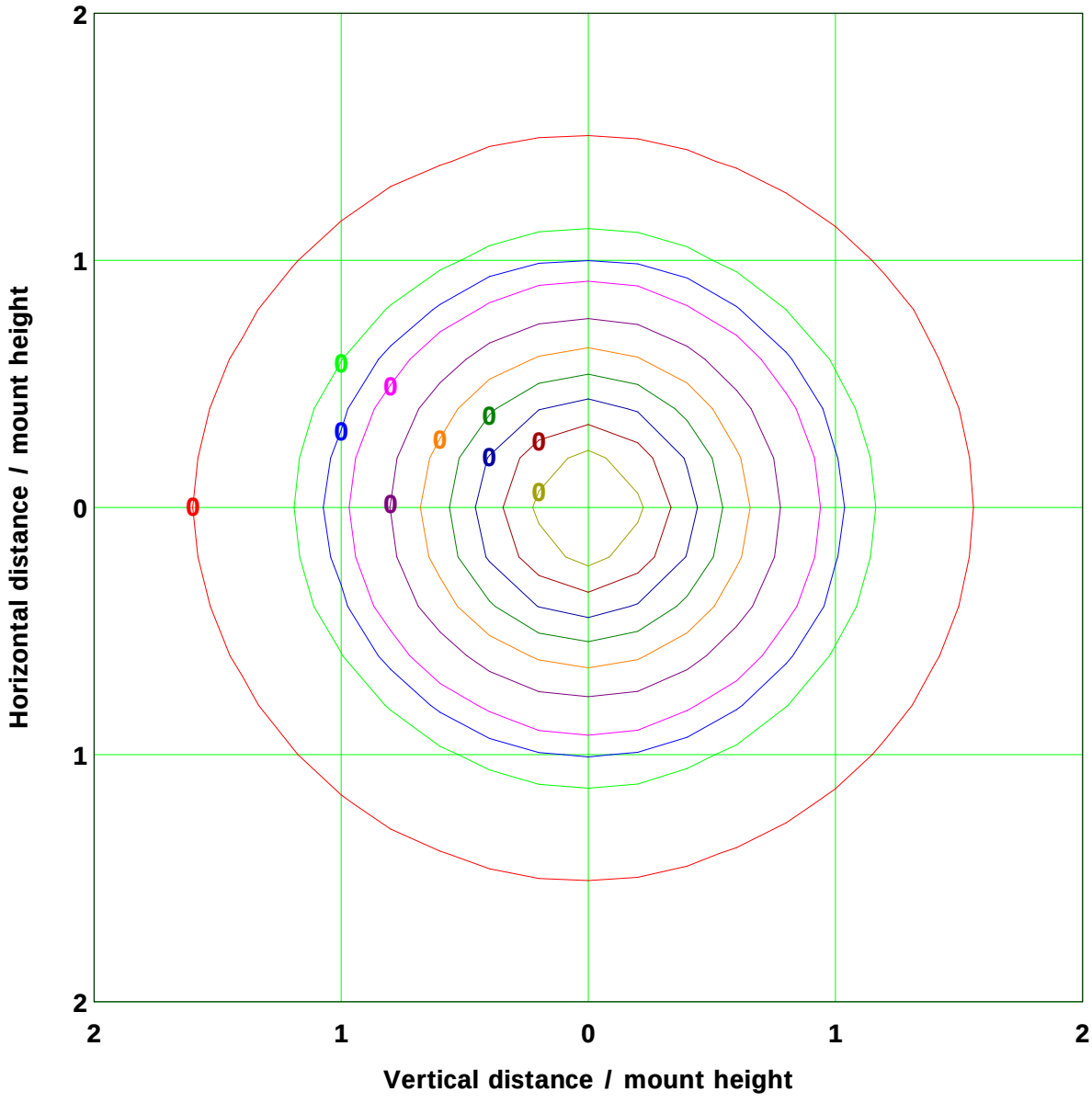
Imax (100%): 11 cd

(10%):	1 cd	(20%):	2 cd
(25%):	3 cd	(30%):	3 cd
(40%):	4 cd	(50%):	6 cd
(60%):	7 cd	(70%):	8 cd
(80%):	9 cd	(90%):	10 cd

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

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%): 0.4 lx

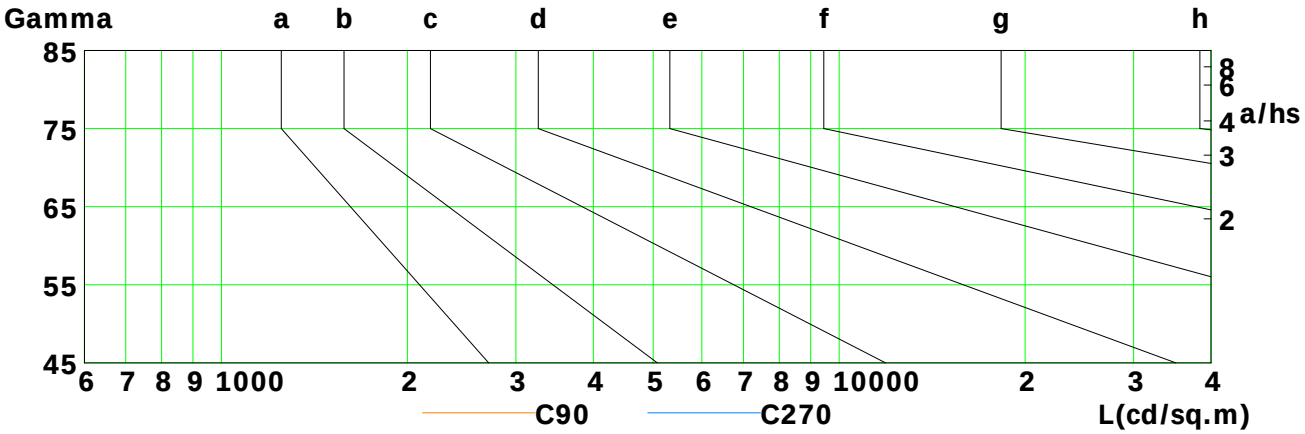
(10%): 0.0 lx	(20%): 0.1 lx
(25%): 0.1 lx	(30%): 0.1 lx
(40%): 0.2 lx	(50%): 0.2 lx
(60%): 0.3 lx	(70%): 0.3 lx
(80%): 0.4 lx	(90%): 0.4 lx

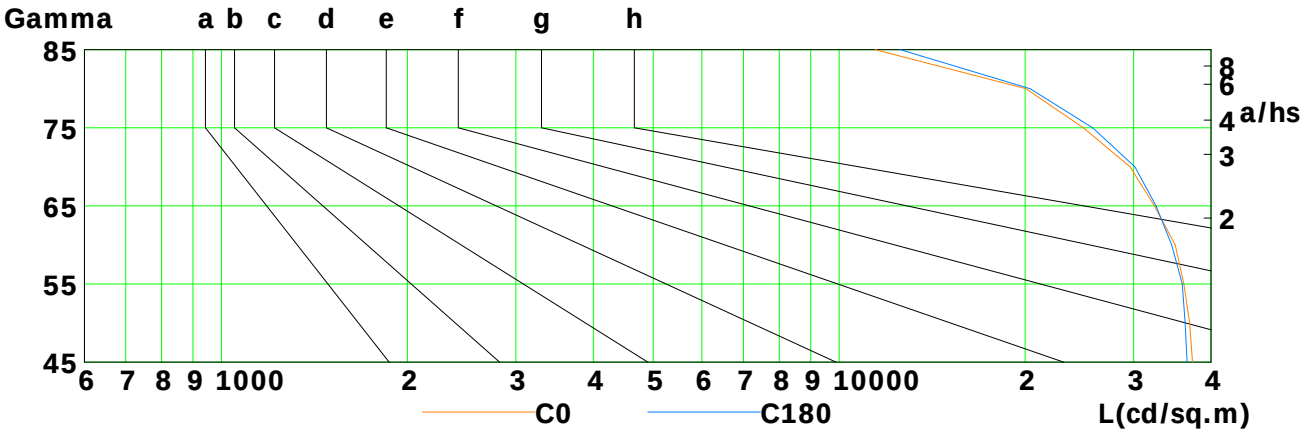
C Plane (°):0.0-360.0: 30.0
Test Lab: ACOLYTE
Test Type: TYPE C
Temperature: 25
Operator: Zk

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



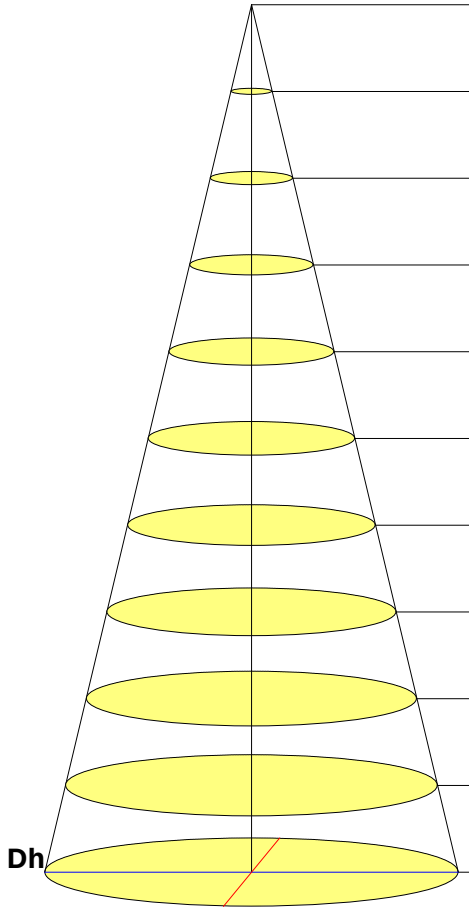


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	37335	36935	36181	34997	32391	29587	24867	20075	11453
C90	45754	47469	48885	51419	54544	61306	70181	89374	135226
C180	36581	36332	35964	34581	32589	30116	25752	20399	12570
C270	48416	50144	52410	55053	59536	66073	77659	104270	169967

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

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

Illuminance at a Distance



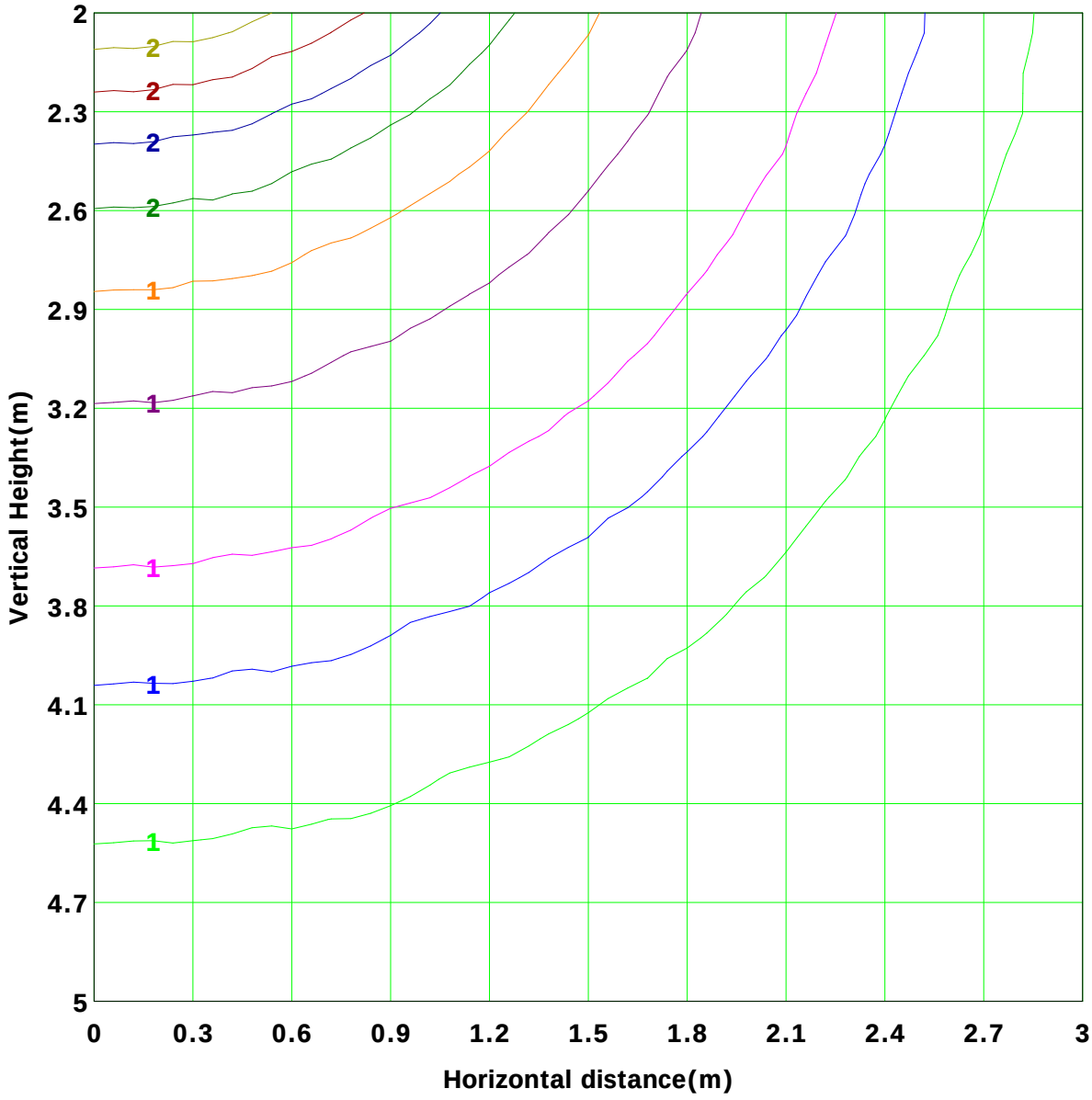
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	11.00	3.71/6.25	17.5	0.94
2.0	2.75	7.43/12.50	70.0	0.24
3.0	1.22	11.14/18.74	157.5	0.10
4.0	0.69	14.85/24.99	280.0	0.06
5.0	0.44	18.56/31.24	437.5	0.04
6.0	0.31	22.28/37.49	630.0	0.03
7.0	0.22	25.99/43.73	857.5	0.02
8.0	0.17	29.70/49.98	1120.0	0.01
9.0	0.14	33.42/56.23	1417.5	0.01
10.0	0.11	37.13/62.48	1750.0	0.01

Beam Angle(B): H123.4 V144.5 Field Angle(F): H167.2 V193.8

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

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: 2.8 lx

(10%): 0.3 lx	(20%): 0.6 lx
(25%): 0.7 lx	(30%): 0.8 lx
(40%): 1.1 lx	(50%): 1.4 lx
(60%): 1.6 lx	(70%): 1.9 lx
(80%): 2.2 lx	(90%): 2.5 lx

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

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

Area Flux Table

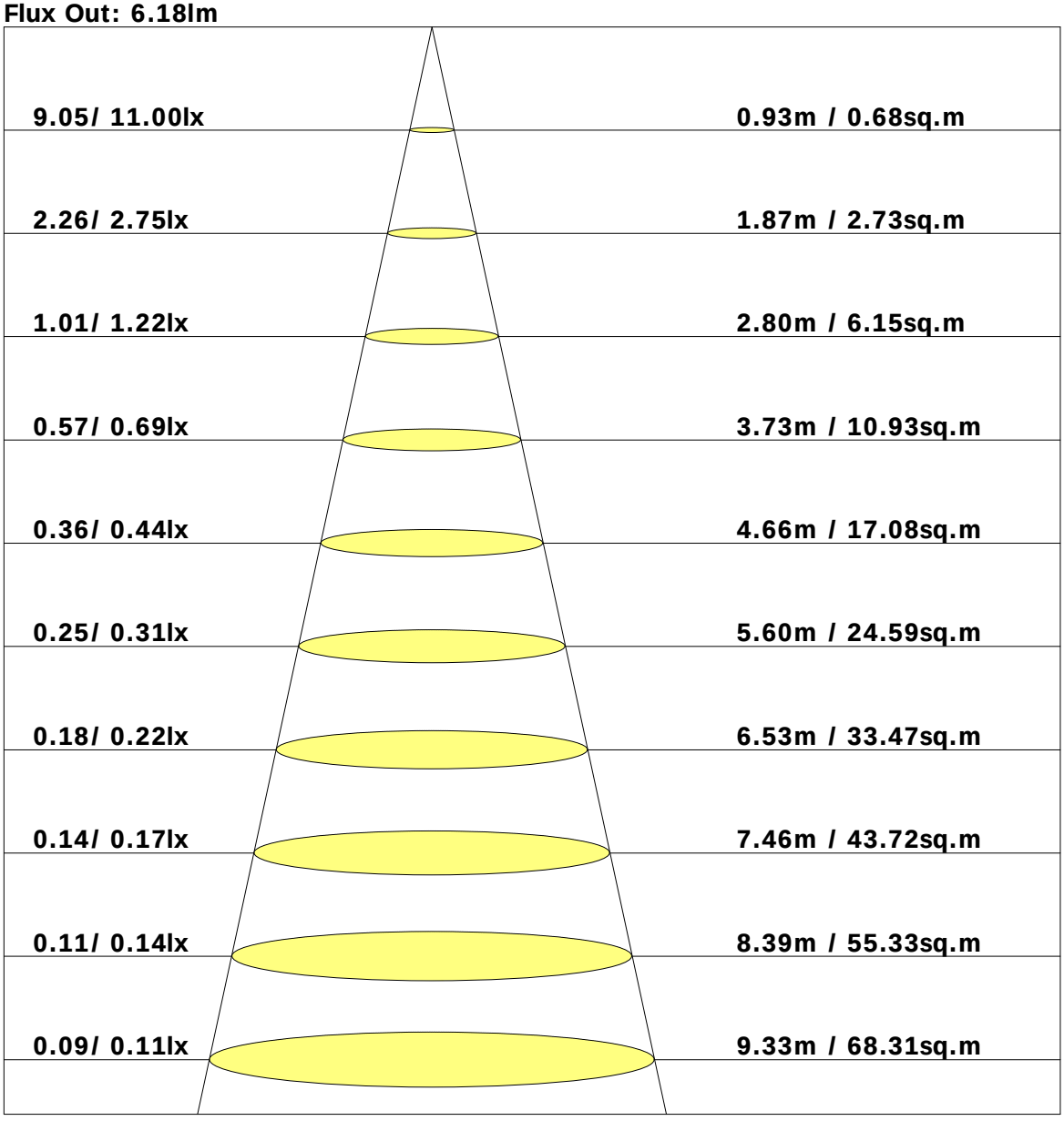
Unit: lm

Horizontal plane	Vertical plane																							Flux(E)	Flux(T)
	-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			0.0	0.0
-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.3	0.3
-70	0.0	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	0.0	0.0			0.8	0.8
-60	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0			1.5	1.5
-50	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0			2.2	2.2
-40	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0			2.9	2.9
-30	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0			3.6	3.6
-20	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.0	0.0	0.0			4.1	4.1
-10	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.0	0.0	0.0			4.4	4.4
0	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.0	0.0	0.0			4.4	4.4
10	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.0	0.0	0.0			4.1	4.1
20	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0			3.6	3.6
30	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0			2.9	2.9
40	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0			2.2	2.2
50	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0			1.5	1.5
60	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0			0.8	0.8
70	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	0.1	0.1	0.0	0.0	0.0	0.0	0.0			0.3	0.3
80	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0			0.0	0.0
90	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	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	0.0	0.0				
Flux(E)	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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0				

C Plane (°):0.0-360.0: 30.0	Gamma Plane (°):0.0-180.0:1.0
Test Lab: ACOLYTE	Test Device: GPM-1800B
Test Type: TYPE C	Distance: 9.028 m
Temperature: 25	Humidity: 60%
Operator: Zk	Inspector:

The Average Illuminance Effective Figure

Flux Out: 6.18lm



Height	Avg./Nadir. E	Beam Angle:50.0°	Diameter / Area
1.0m	9.05/ 11.00lx		0.93m / 0.68sq.m
2.0m	2.26/ 2.75lx		1.87m / 2.73sq.m
3.0m	1.01/ 1.22lx		2.80m / 6.15sq.m
4.0m	0.57/ 0.69lx		3.73m / 10.93sq.m
5.0m	0.36/ 0.44lx		4.66m / 17.08sq.m
6.0m	0.25/ 0.31lx		5.60m / 24.59sq.m
7.0m	0.18/ 0.22lx		6.53m / 33.47sq.m
8.0m	0.14/ 0.17lx		7.46m / 43.72sq.m
9.0m	0.11/ 0.14lx		8.39m / 55.33sq.m
10.0m	0.09/ 0.11lx		9.33m / 68.31sq.m

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

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	35.8	37.4	36.2	37.8	38.2	35.7	37.4	36.1	37.8	38.2
3H	37.9	39.4	38.3	39.8	40.2	38.1	39.7	38.6	40.1	40.5
4H	38.7	40.2	39.1	40.6	41.0	39.3	40.8	39.8	41.2	41.6
6H	39.3	40.7	39.8	41.1	41.6	40.5	41.8	40.9	42.3	42.7
8H	39.5	40.9	40.0	41.3	41.8	41.0	42.3	41.5	42.8	43.3
12H	39.7	40.9	40.2	41.4	41.9	41.6	42.8	42.0	43.3	43.8
X=4H Y=2H	36.5	38.0	36.9	38.4	38.8	36.4	37.9	36.9	38.3	38.7
3H	38.8	40.1	39.3	40.6	41.0	39.1	40.4	39.6	40.8	41.3
4H	39.8	41.0	40.3	41.4	41.9	40.4	41.6	40.9	42.1	42.6
6H	40.6	41.6	41.1	42.1	42.7	41.8	42.8	42.3	43.3	43.8
8H	40.9	41.9	41.4	42.4	42.9	42.4	43.4	42.9	43.9	44.4
12H	41.1	42.0	41.6	42.5	43.1	43.1	44.0	43.6	44.5	45.0
X=8H Y=4H	40.4	41.3	40.9	41.8	42.4	40.9	41.8	41.4	42.3	42.9
6H	41.3	42.2	41.9	42.7	43.3	42.4	43.2	43.0	43.8	44.3
8H	41.7	42.5	42.3	43.0	43.6	43.2	44.0	43.8	44.5	45.1
12H	42.1	42.7	42.6	43.3	43.9	44.0	44.7	44.6	45.2	45.9
X=12H Y=4H	40.5	41.4	41.0	41.9	42.5	40.9	41.8	41.4	42.3	42.9
6H	41.6	42.3	42.1	42.9	43.5	42.5	43.3	43.1	43.8	44.4
8H	42.1	42.7	42.6	43.3	43.9	43.4	44.1	44.0	44.6	45.2

Calculate in accordance with CIE 190:2010

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

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 = 1.50								
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	0.53	0.61	0.68	0.74	0.81	0.86	0.90	0.95	0.98
	0.30		0.45	0.52	0.60	0.66	0.74	0.79	0.84	0.90	0.94
	0.20		0.39	0.46	0.54	0.59	0.68	0.74	0.78	0.85	0.90
0.50	0.50	0.20	0.51	0.58	0.65	0.70	0.77	0.82	0.85	0.90	0.93
	0.30		0.44	0.51	0.58	0.63	0.71	0.76	0.80	0.86	0.89
	0.20		0.38	0.45	0.53	0.58	0.66	0.72	0.76	0.82	0.86
0.30	0.50	0.20	0.49	0.56	0.63	0.67	0.74	0.78	0.81	0.86	0.89
	0.30		0.43	0.50	0.57	0.61	0.68	0.73	0.77	0.82	0.86
	0.20		0.38	0.45	0.52	0.57	0.64	0.69	0.73	0.79	0.83
0.00	0.00	0.00	0.35	0.42	0.48	0.53	0.60	0.65	0.69	0.74	0.77

Rating:2W 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: ACOLYTE
Test Type: TYPE C
Temperature: 25
Operator: Zk

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 = 1.50								
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	1.04	0.90	0.77	0.69	0.56	0.48	0.42	0.33	0.28
	0.30		0.87	0.77	0.68	0.61	0.51	0.44	0.39	0.31	0.26
	0.20		0.74	0.67	0.60	0.55	0.46	0.41	0.36	0.30	0.25
0.50	0.50	0.20	0.99	0.86	0.74	0.66	0.54	0.49	0.40	0.32	0.26
	0.30		0.84	0.75	0.65	0.59	0.49	0.42	0.37	0.30	0.25
	0.20		0.73	0.66	0.59	0.53	0.45	0.39	0.35	0.29	0.24
0.30	0.50	0.20	0.96	0.82	0.71	0.63	0.51	0.44	0.38	0.30	0.25
	0.30		0.82	0.73	0.63	0.57	0.47	0.41	0.36	0.29	0.24
	0.20		0.72	0.65	0.57	0.52	0.44	0.38	0.34	0.28	0.24
0.00	0.00	0.00	0.62	0.55	0.48	0.44	0.37	0.32	0.28	0.23	0.19

Rating:2W 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: ACOLYTE
Test Type: TYPE C
Temperature: 25
Operator: Zk

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 = 1.50								
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	0.20	0.22	0.22	0.23	0.24	0.24	0.25	0.25	0.26
	0.30		0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.21	0.22
	0.20		0.08	0.09	0.10	0.12	0.14	0.15	0.16	0.18	0.19
0.50	0.50	0.20	0.19	0.21	0.22	0.22	0.23	0.23	0.24	0.24	0.24
	0.30		0.13	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.21
	0.20		0.08	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.19
0.30	0.50	0.20	0.19	0.20	0.21	0.21	0.22	0.23	0.23	0.23	0.23
	0.30		0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21
	0.20		0.08	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18
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:2W 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: ACOLYTE
Test Type: TYPE C
Temperature: 25
Operator: Zk

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	11.0	0.0	0.0	0.03	0.03
1.0-2.0	10.9	0.0	0.0	0.08	0.10
2.0-3.0	10.9	0.1	0.1	0.13	0.23
3.0-4.0	11.0	0.1	0.2	0.18	0.41
4.0-5.0	10.9	0.1	0.3	0.23	0.64
5.0-6.0	10.9	0.1	0.4	0.28	0.92
6.0-7.0	10.9	0.1	0.5	0.33	1.25
7.0-8.0	10.9	0.2	0.7	0.38	1.63
8.0-9.0	10.9	0.2	0.8	0.43	2.06
9.0-10.0	10.8	0.2	1.0	0.48	2.54
10.0-11.0	10.8	0.2	1.3	0.53	3.07
11.0-12.0	10.8	0.2	1.5	0.58	3.64
12.0-13.0	10.7	0.3	1.7	0.62	4.26
13.0-14.0	10.7	0.3	2.0	0.67	4.93
14.0-15.0	10.6	0.3	2.3	0.71	5.64
15.0-16.0	10.6	0.3	2.6	0.76	6.40
16.0-17.0	10.6	0.3	3.0	0.80	7.21
17.0-18.0	10.5	0.3	3.3	0.85	8.05
18.0-19.0	10.5	0.4	3.7	0.89	8.94
19.0-20.0	10.4	0.4	4.0	0.93	9.87
20.0-21.0	10.3	0.4	4.4	0.97	10.84
21.0-22.0	10.3	0.4	4.9	1.01	11.85
22.0-23.0	10.2	0.4	5.3	1.05	12.89
23.0-24.0	10.1	0.4	5.7	1.08	13.98
24.0-25.0	10.1	0.5	6.2	1.12	15.10
25.0-26.0	10.0	0.5	6.7	1.15	16.25
26.0-27.0	9.9	0.5	7.1	1.19	17.44
27.0-28.0	9.9	0.5	7.6	1.22	18.66
28.0-29.0	9.8	0.5	8.2	1.25	19.90
29.0-30.0	9.7	0.5	8.7	1.28	21.18
30.0-31.0	9.6	0.5	9.2	1.31	22.49
31.0-32.0	9.5	0.5	9.8	1.33	23.82
32.0-33.0	9.4	0.6	10.3	1.35	25.17
33.0-34.0	9.3	0.6	10.9	1.38	26.55
34.0-35.0	9.2	0.6	11.4	1.40	27.95
35.0-36.0	9.1	0.6	12.0	1.42	29.37

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

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	9.0	0.6	12.6	1.44	30.81
37.0-38.0	8.9	0.6	13.2	1.46	32.26
38.0-39.0	8.8	0.6	13.8	1.47	33.74
39.0-40.0	8.7	0.6	14.4	1.49	35.22
40.0-41.0	8.6	0.6	15.0	1.50	36.72
41.0-42.0	8.5	0.6	15.7	1.51	38.23
42.0-43.0	8.4	0.6	16.3	1.52	39.75
43.0-44.0	8.3	0.6	16.9	1.53	41.28
44.0-45.0	8.2	0.6	17.5	1.54	42.82
45.0-46.0	8.1	0.6	18.2	1.54	44.36
46.0-47.0	8.0	0.6	18.8	1.55	45.91
47.0-48.0	7.8	0.6	19.4	1.55	47.46
48.0-49.0	7.7	0.6	20.1	1.55	49.01
49.0-50.0	7.6	0.6	20.7	1.55	50.56
50.0-51.0	7.5	0.6	21.3	1.55	52.12
51.0-52.0	7.4	0.6	22.0	1.55	53.67
52.0-53.0	7.3	0.6	22.6	1.54	55.21
53.0-54.0	7.1	0.6	23.2	1.54	56.75
54.0-55.0	7.0	0.6	23.9	1.53	58.28
55.0-56.0	6.9	0.6	24.5	1.52	59.80
56.0-57.0	6.7	0.6	25.1	1.51	61.30
57.0-58.0	6.6	0.6	25.7	1.49	62.80
58.0-59.0	6.5	0.6	26.3	1.48	64.28
59.0-60.0	6.4	0.6	26.9	1.47	65.75
60.0-61.0	6.2	0.6	27.5	1.45	67.20
61.0-62.0	6.1	0.6	28.1	1.43	68.62
62.0-63.0	5.9	0.6	28.7	1.41	70.03
63.0-64.0	5.8	0.6	29.3	1.39	71.42
64.0-65.0	5.6	0.6	29.8	1.36	72.79
65.0-66.0	5.5	0.5	30.4	1.34	74.13
66.0-67.0	5.3	0.5	30.9	1.31	75.44
67.0-68.0	5.2	0.5	31.4	1.29	76.72
68.0-69.0	5.1	0.5	31.9	1.26	77.98
69.0-70.0	4.9	0.5	32.4	1.23	79.21
70.0-71.0	4.8	0.5	32.9	1.20	80.41
71.0-72.0	4.6	0.5	33.4	1.17	81.58

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

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	4.4	0.5	33.9	1.13	82.71
73.0-74.0	4.3	0.5	34.3	1.10	83.81
74.0-75.0	4.1	0.4	34.8	1.07	84.88
75.0-76.0	4.0	0.4	35.2	1.03	85.91
76.0-77.0	3.8	0.4	35.6	1.00	86.91
77.0-78.0	3.7	0.4	36.0	0.97	87.88
78.0-79.0	3.5	0.4	36.4	0.93	88.81
79.0-80.0	3.4	0.4	36.7	0.90	89.71
80.0-81.0	3.3	0.4	37.1	0.86	90.57
81.0-82.0	3.1	0.3	37.4	0.82	91.39
82.0-83.0	3.0	0.3	37.8	0.79	92.18
83.0-84.0	2.8	0.3	38.1	0.75	92.93
84.0-85.0	2.7	0.3	38.4	0.71	93.65
85.0-86.0	2.5	0.3	38.6	0.68	94.32
86.0-87.0	2.4	0.3	38.9	0.64	94.97
87.0-88.0	2.3	0.2	39.1	0.60	95.57
88.0-89.0	2.1	0.2	39.4	0.57	96.13
89.0-90.0	2.0	0.2	39.6	0.52	96.66
90.0-91.0	1.8	0.2	39.8	0.48	97.14
91.0-92.0	1.7	0.2	40.0	0.45	97.59
92.0-93.0	1.5	0.2	40.1	0.41	98.00
93.0-94.0	1.4	0.1	40.3	0.36	98.36
94.0-95.0	1.1	0.1	40.4	0.29	98.65
95.0-96.0	0.8	0.1	40.5	0.22	98.87
96.0-97.0	0.6	0.1	40.6	0.16	99.03
97.0-98.0	0.4	0.0	40.6	0.10	99.13
98.0-99.0	0.2	0.0	40.6	0.05	99.18
99.0-100.0	0.1	0.0	40.6	0.03	99.21
100.0-101.0	0.1	0.0	40.6	0.02	99.23
101.0-102.0	0.0	0.0	40.6	0.01	99.24
102.0-103.0	0.1	0.0	40.7	0.01	99.25
103.0-104.0	0.0	0.0	40.7	0.01	99.26
104.0-105.0	0.0	0.0	40.7	0.01	99.27
105.0-106.0	0.0	0.0	40.7	0.01	99.29
106.0-107.0	0.0	0.0	40.7	0.01	99.30
107.0-108.0	0.0	0.0	40.7	0.01	99.31

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

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	40.7	0.01	99.32
109.0-110.0	0.1	0.0	40.7	0.02	99.34
110.0-111.0	0.1	0.0	40.7	0.02	99.36
111.0-112.0	0.1	0.0	40.7	0.02	99.37
112.0-113.0	0.1	0.0	40.7	0.02	99.39
113.0-114.0	0.1	0.0	40.7	0.01	99.40
114.0-115.0	0.1	0.0	40.7	0.01	99.41
115.0-116.0	0.1	0.0	40.7	0.02	99.43
116.0-117.0	0.1	0.0	40.7	0.01	99.44
117.0-118.0	0.1	0.0	40.7	0.01	99.46
118.0-119.0	0.1	0.0	40.7	0.01	99.47
119.0-120.0	0.1	0.0	40.8	0.01	99.48
120.0-121.0	0.1	0.0	40.8	0.01	99.50
121.0-122.0	0.1	0.0	40.8	0.01	99.51
122.0-123.0	0.1	0.0	40.8	0.01	99.52
123.0-124.0	0.1	0.0	40.8	0.02	99.54
124.0-125.0	0.1	0.0	40.8	0.01	99.55
125.0-126.0	0.1	0.0	40.8	0.01	99.57
126.0-127.0	0.1	0.0	40.8	0.01	99.58
127.0-128.0	0.1	0.0	40.8	0.01	99.60
128.0-129.0	0.1	0.0	40.8	0.01	99.61
129.0-130.0	0.1	0.0	40.8	0.01	99.62
130.0-131.0	0.1	0.0	40.8	0.01	99.63
131.0-132.0	0.1	0.0	40.8	0.01	99.64
132.0-133.0	0.1	0.0	40.8	0.01	99.66
133.0-134.0	0.1	0.0	40.8	0.01	99.67
134.0-135.0	0.1	0.0	40.8	0.01	99.68
135.0-136.0	0.1	0.0	40.8	0.01	99.69
136.0-137.0	0.1	0.0	40.8	0.01	99.71
137.0-138.0	0.1	0.0	40.8	0.01	99.72
138.0-139.0	0.1	0.0	40.9	0.01	99.73
139.0-140.0	0.1	0.0	40.9	0.01	99.74
140.0-141.0	0.1	0.0	40.9	0.01	99.75
141.0-142.0	0.1	0.0	40.9	0.01	99.77
142.0-143.0	0.1	0.0	40.9	0.01	99.78
143.0-144.0	0.1	0.0	40.9	0.01	99.79

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

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	0.1	0.0	40.9	0.01	99.80
145.0-146.0	0.1	0.0	40.9	0.01	99.81
146.0-147.0	0.1	0.0	40.9	0.01	99.82
147.0-148.0	0.1	0.0	40.9	0.01	99.83
148.0-149.0	0.1	0.0	40.9	0.01	99.84
149.0-150.0	0.1	0.0	40.9	0.01	99.85
150.0-151.0	0.1	0.0	40.9	0.01	99.86
151.0-152.0	0.1	0.0	40.9	0.01	99.87
152.0-153.0	0.1	0.0	40.9	0.01	99.88
153.0-154.0	0.1	0.0	40.9	0.01	99.89
154.0-155.0	0.1	0.0	40.9	0.01	99.89
155.0-156.0	0.1	0.0	40.9	0.01	99.90
156.0-157.0	0.1	0.0	40.9	0.01	99.91
157.0-158.0	0.1	0.0	40.9	0.01	99.91
158.0-159.0	0.1	0.0	40.9	0.01	99.92
159.0-160.0	0.1	0.0	40.9	0.01	99.93
160.0-161.0	0.1	0.0	40.9	0.01	99.93
161.0-162.0	0.1	0.0	40.9	0.01	99.94
162.0-163.0	0.1	0.0	40.9	0.01	99.95
163.0-164.0	0.1	0.0	40.9	0.01	99.95
164.0-165.0	0.1	0.0	40.9	0.01	99.96
165.0-166.0	0.1	0.0	40.9	0.00	99.96
166.0-167.0	0.1	0.0	40.9	0.01	99.97
167.0-168.0	0.1	0.0	41.0	0.00	99.97
168.0-169.0	0.1	0.0	41.0	0.00	99.98
169.0-170.0	0.1	0.0	41.0	0.00	99.98
170.0-171.0	0.1	0.0	41.0	0.00	99.98
171.0-172.0	0.1	0.0	41.0	0.00	99.99
172.0-173.0	0.1	0.0	41.0	0.00	99.99
173.0-174.0	0.1	0.0	41.0	0.00	99.99
174.0-175.0	0.1	0.0	41.0	0.00	100.00
175.0-176.0	0.1	0.0	41.0	0.00	100.00
176.0-177.0	0.1	0.0	41.0	0.00	100.00
177.0-178.0	0.1	0.0	41.0	0.00	100.00
178.0-179.0	0.1	0.0	41.0	0.00	100.00
179.0-180.0	0.1	0.0	41.0	0.00	100.00

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

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