ACOLYTE
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Report No.: **Test Time: 2020/3/15 14:21**

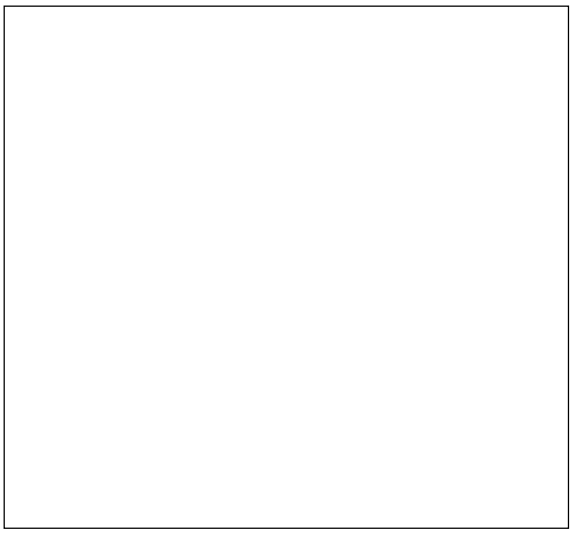
Luminaire Property

Luminaire Manufacturer: ACOLYTE
Luminaire Category: RIBBONLYTE
Luminaire Description: RBS220240.75R-S23.0
Luminous Length (mm): 500 **Luminous Width (mm): 8**
Luminous Height (mm): 1 **Voltage: 24.0 V**
Current: 0.056 A **Power: 1.34 W**
Power Factor: 1.000

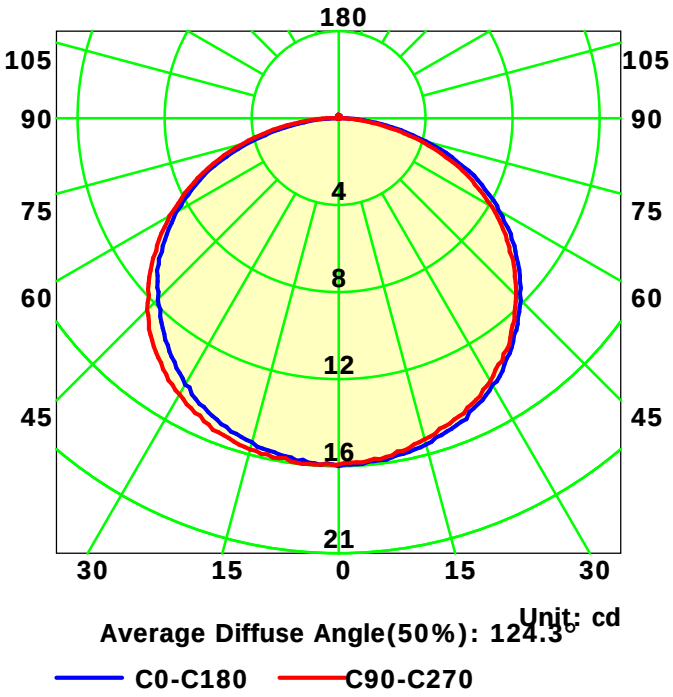
Photometric Results

CIE Class: Direct **Total Rated Lamp Lumens: 55.1 lm**
Measurement Flux: 55.1 lm **Efficiency: 100%**
Downward Ratio: 99% **Upward Ratio: 1%**
Horizontal Diffuse Angle(10%,50%): H166.3,H124.5
Vertical Diffuse Angle(10%,50%): V166.5,V124
Luminaire Efficacy Rating (LER): 41 **Central Intensity: 16.83 cd**
Max. Intensity: 16.83 cd **Pos of Max. Intensity: H0 V0**

Picture Of Luminaire

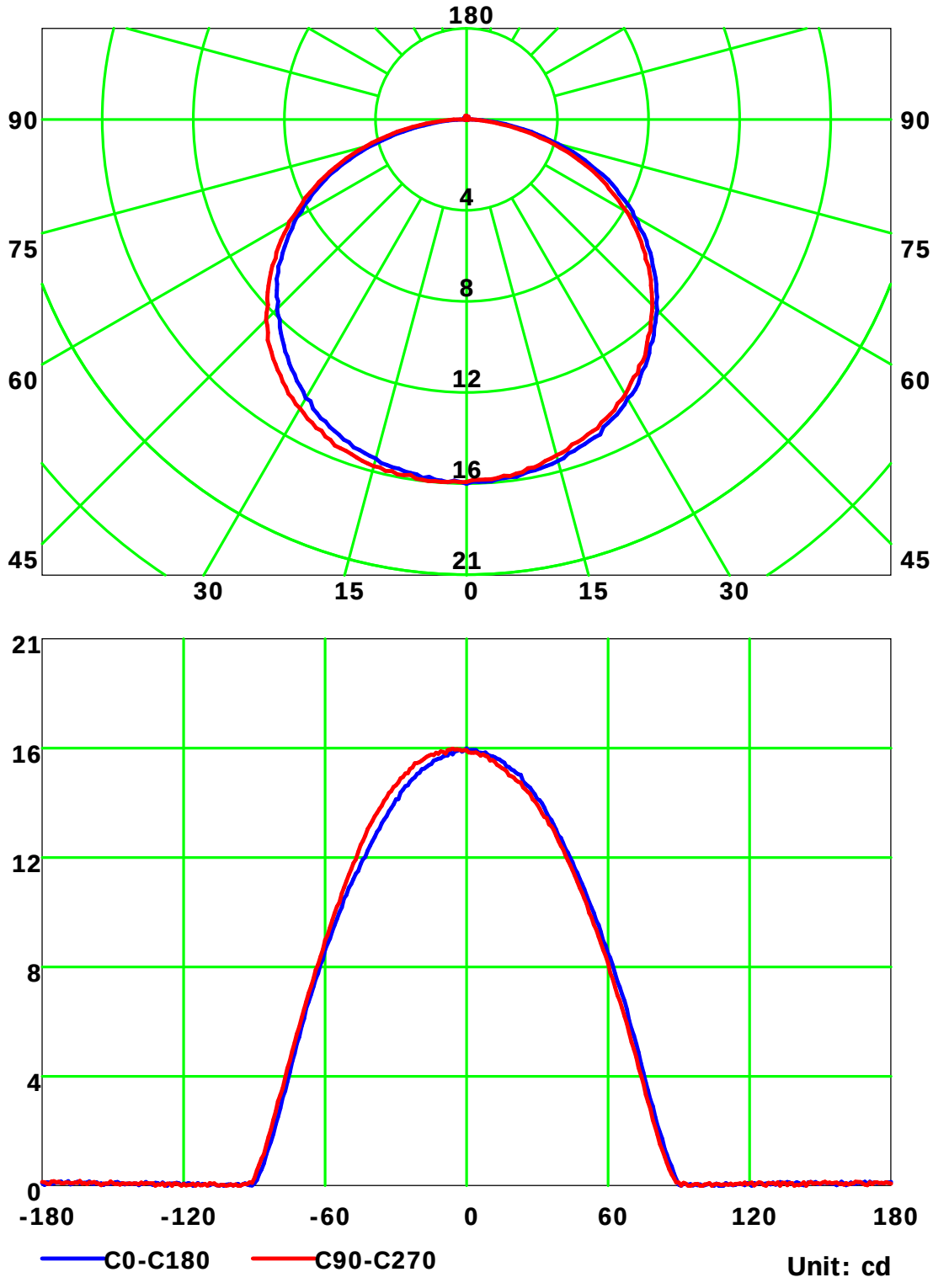


Luminous Intensity Distribution Curve



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



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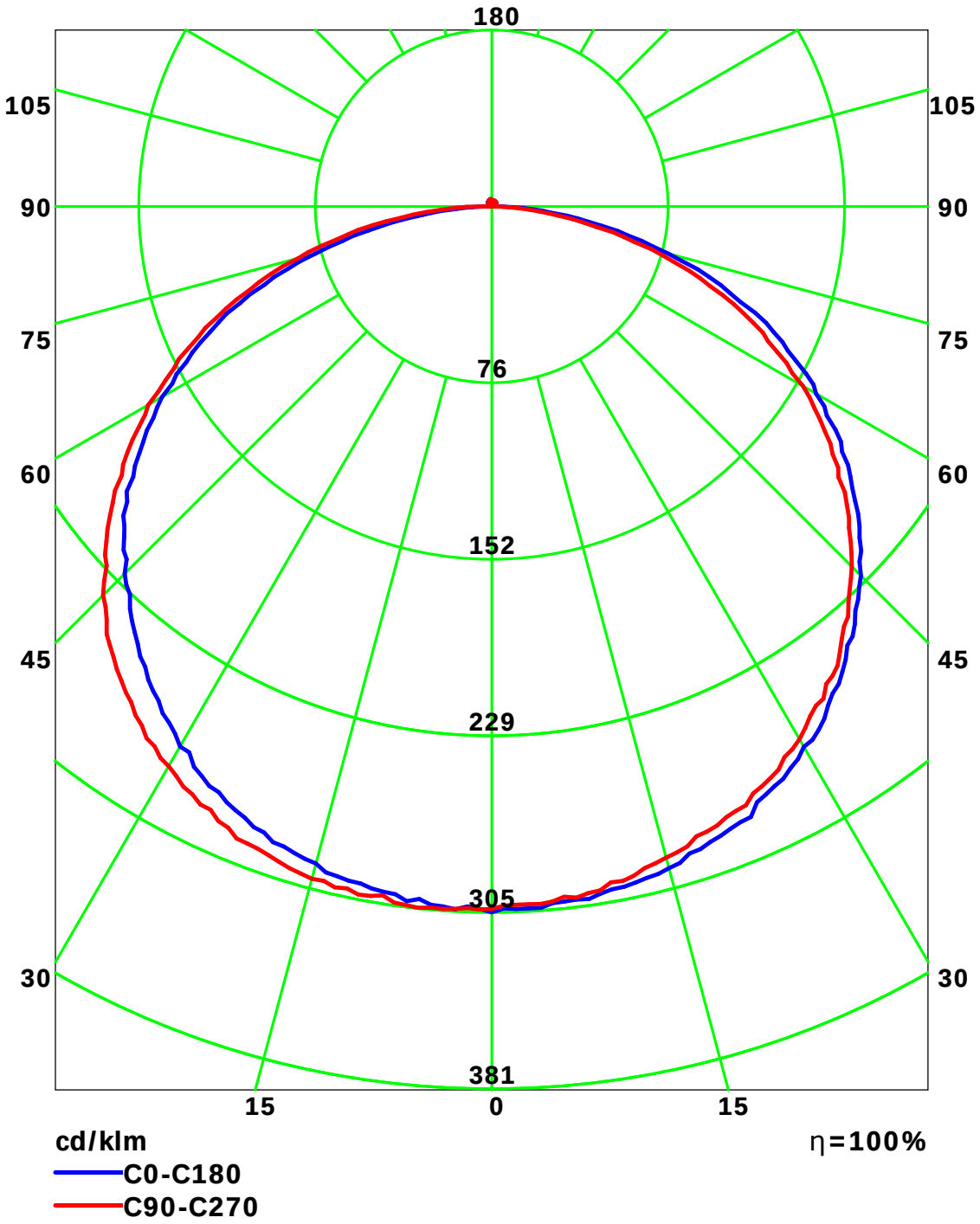
Humidity: 60%
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



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

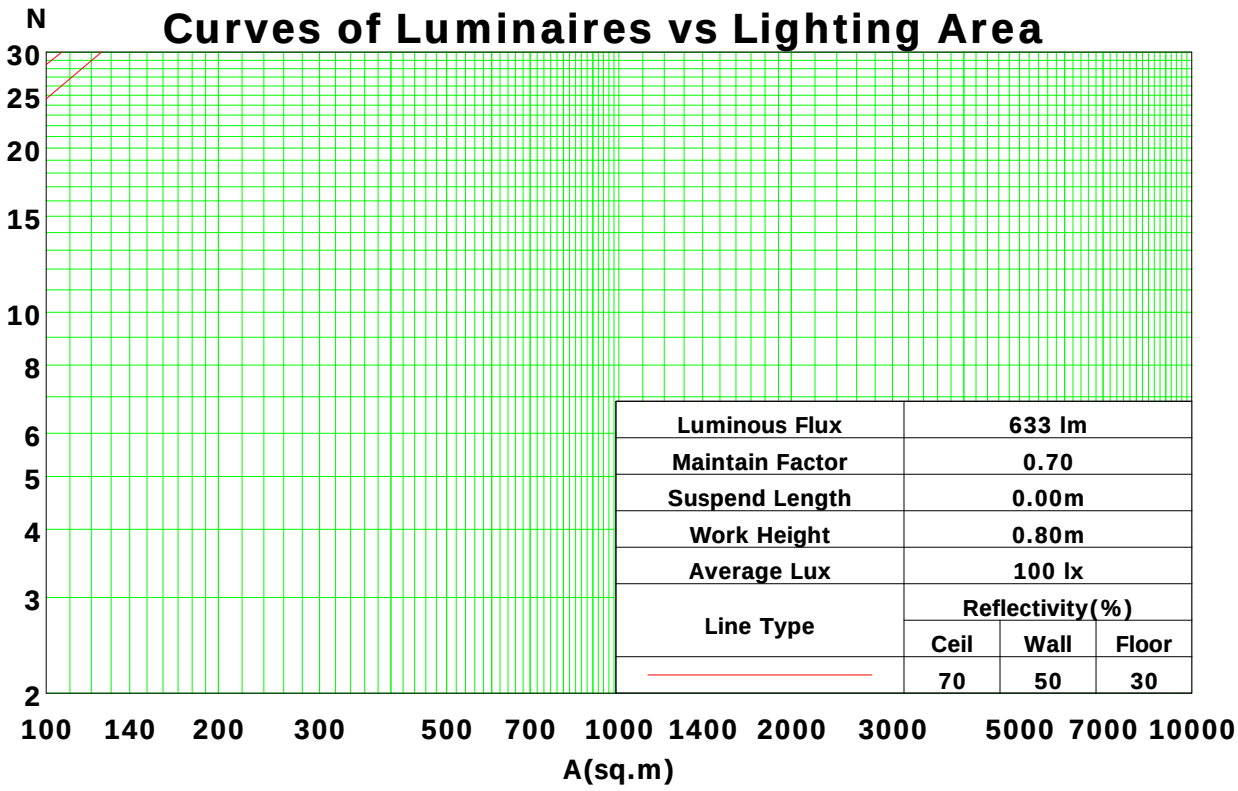
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	108	103	98	94	105	100	96	92	96	92	89	92	89	86	88	86	84	81
2	97	89	81	75	95	87	80	74	83	77	72	79	75	71	76	72	69	67
3	88	77	69	62	86	76	68	61	72	66	60	70	64	59	67	62	58	55
4	81	68	59	52	78	67	58	51	64	57	51	62	55	50	59	54	49	47
5	74	61	51	44	72	59	51	44	57	49	43	55	48	43	53	47	42	40
6	68	54	45	38	66	53	45	38	51	44	38	50	43	37	48	42	37	35
7	63	49	40	34	61	48	40	34	47	39	33	45	38	33	44	37	33	31
8	59	45	36	30	57	44	36	30	43	35	30	41	34	29	40	34	29	27
9	55	41	33	27	53	40	32	27	39	32	27	38	31	26	37	31	26	24
10	51	38	30	24	50	37	29	24	36	29	24	35	28	24	34	28	24	22

Spacing Criteria (0-180): 1.31
Spacing Criteria (90-270): 1.34
Spacing Criteria (Diagonal): 1.45

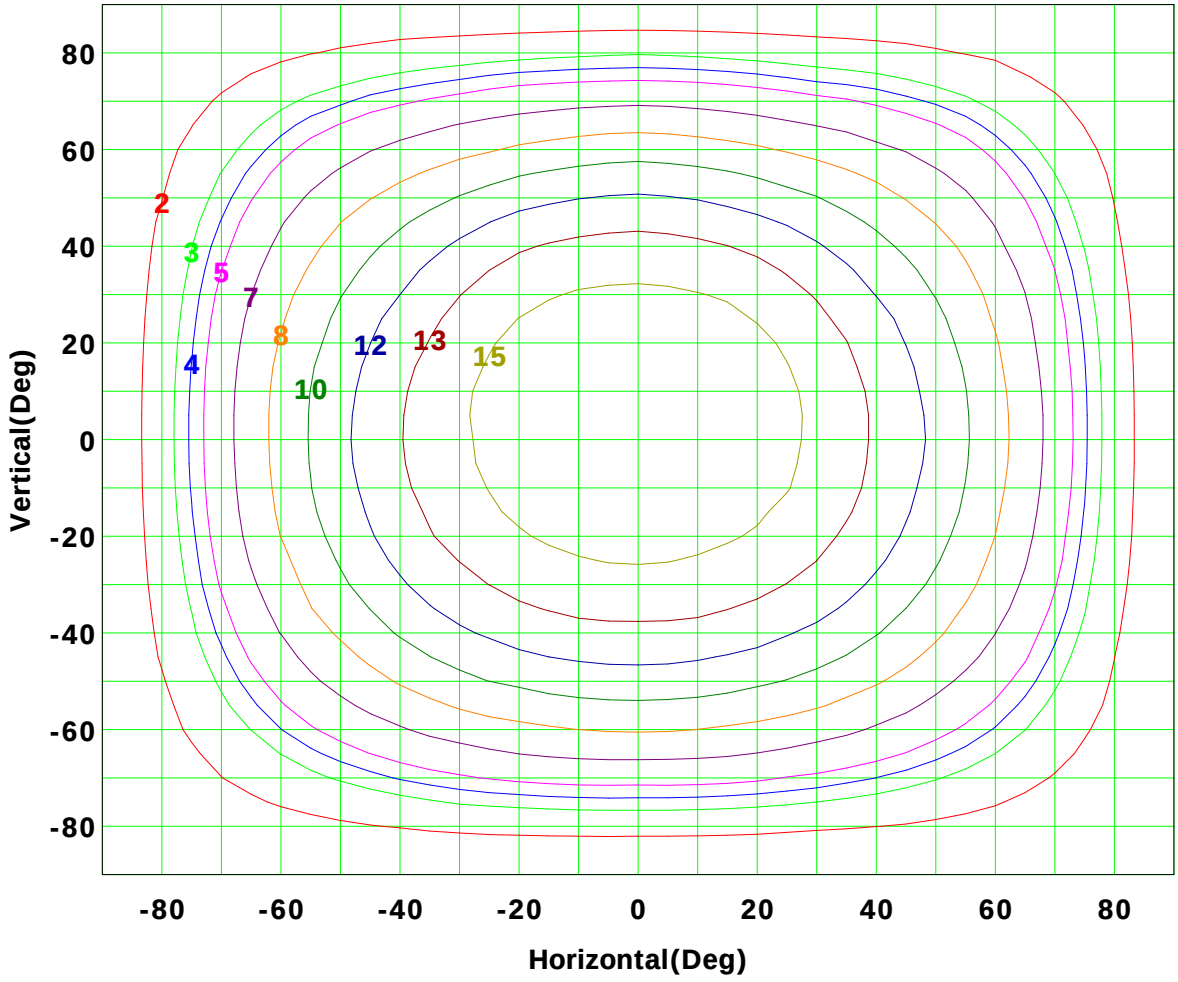
Curves of Luminaires vs Lighting Area



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)



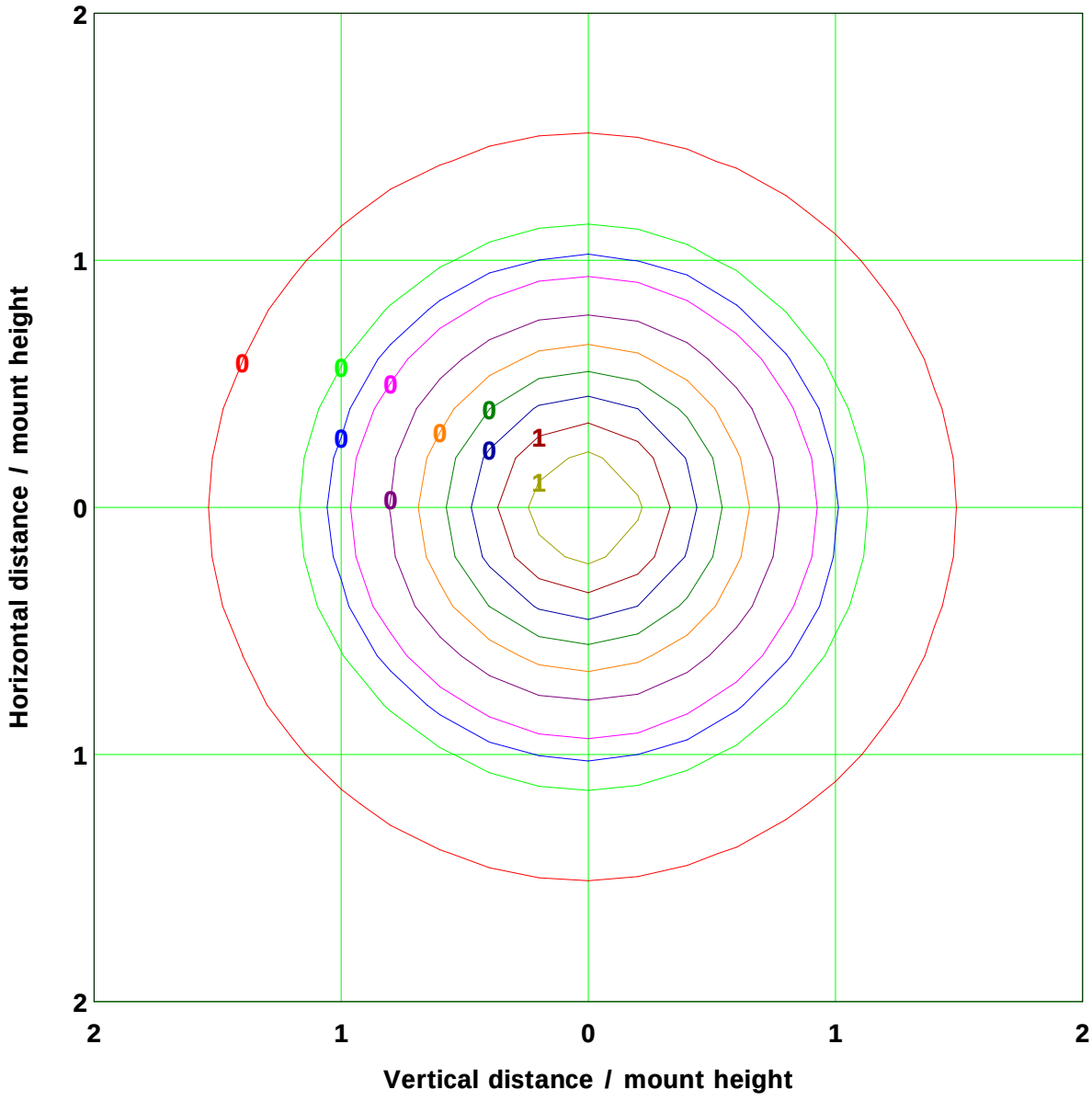
Imax (100%): 17 cd

(10%):	2 cd	(20%):	3 cd
(25%):	4 cd	(30%):	5 cd
(40%):	7 cd	(50%):	8 cd
(60%):	10 cd	(70%):	12 cd
(80%):	13 cd	(90%):	15 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%): 0.7 lx

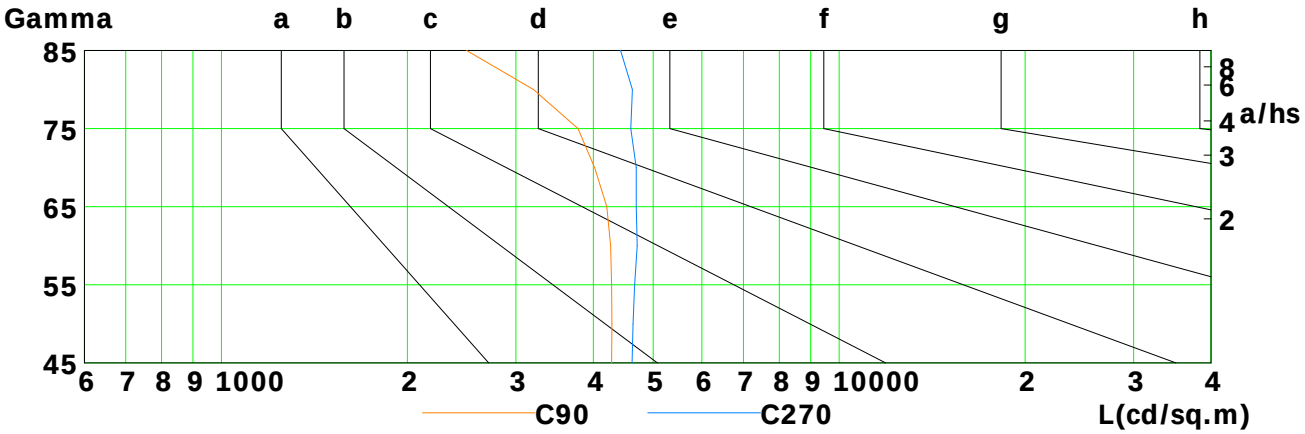
(10%): 0.1 lx	(20%): 0.1 lx
(25%): 0.2 lx	(30%): 0.2 lx
(40%): 0.3 lx	(50%): 0.3 lx
(60%): 0.4 lx	(70%): 0.5 lx
(80%): 0.5 lx	(90%): 0.6 lx

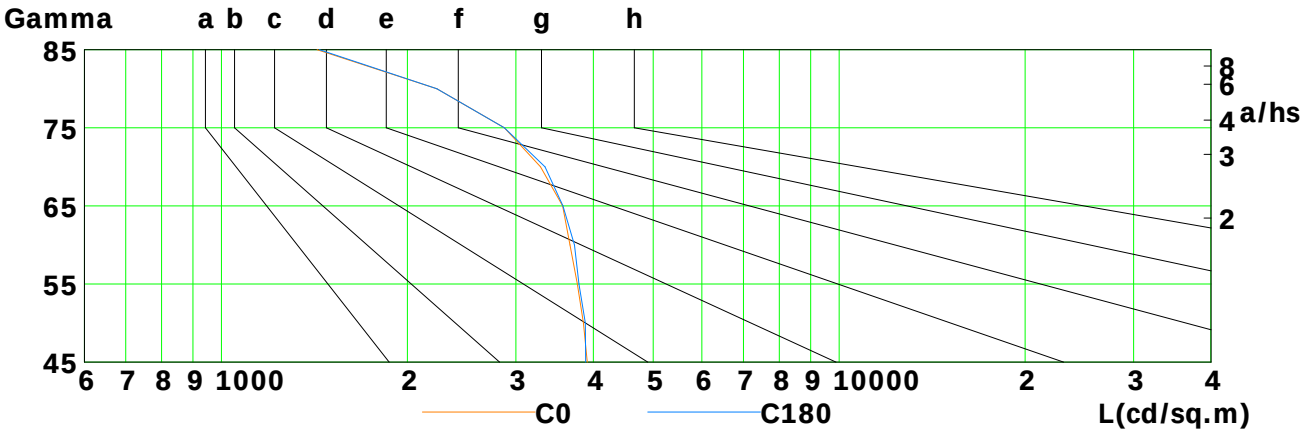
C Plane (°):0.0-360.0: 30.0
Test Lab: ACOLYTE
Test Type: TYPE C
Temperature: 25
Operator: Zk

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



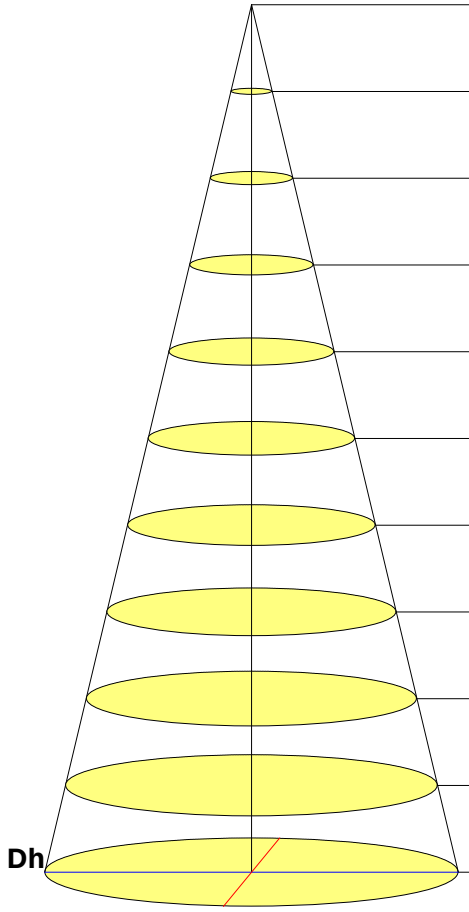


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	3913	3859	3772	3670	3569	3286	2872	2233	1429
C90	4284	4287	4285	4270	4206	4020	3778	3203	2496
C180	3891	3883	3795	3732	3573	3341	2872	2233	1441
C270	4626	4641	4668	4714	4695	4696	4602	4627	4431

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	16.83	3.80/3.76	11.2	2.04
2.0	4.21	7.61/7.53	44.7	0.51
3.0	1.87	11.41/11.29	100.5	0.23
4.0	1.05	15.21/15.06	178.7	0.13
5.0	0.67	19.02/18.82	279.2	0.08
6.0	0.47	22.82/22.59	402.1	0.06
7.0	0.34	26.62/26.35	547.3	0.04
8.0	0.26	30.43/30.12	714.9	0.03
9.0	0.21	34.23/33.88	904.8	0.03
10.0	0.17	38.04/37.64	1117.0	0.02

Beam Angle(B): H124.5 V124.0 Field Angle(F): H166.3 V166.5

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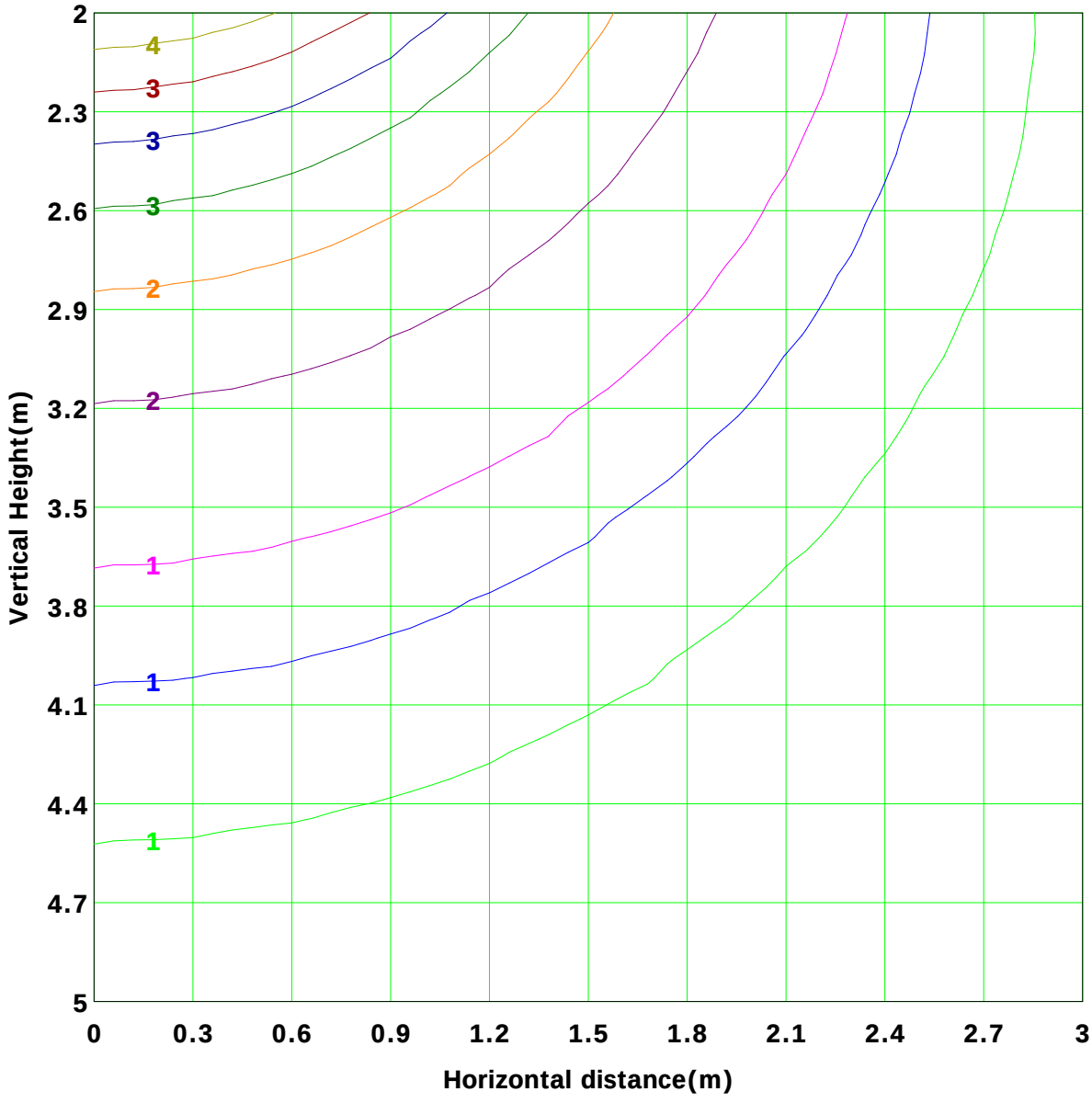
Test Type: TYPE C
Temperature: 25
Operator: Zk

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: 4.2 lx

(10%): 0.4 lx	(20%): 0.8 lx
(25%): 1.1 lx	(30%): 1.3 lx
(40%): 1.7 lx	(50%): 2.1 lx
(60%): 2.5 lx	(70%): 2.9 lx
(80%): 3.4 lx	(90%): 3.8 lx

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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

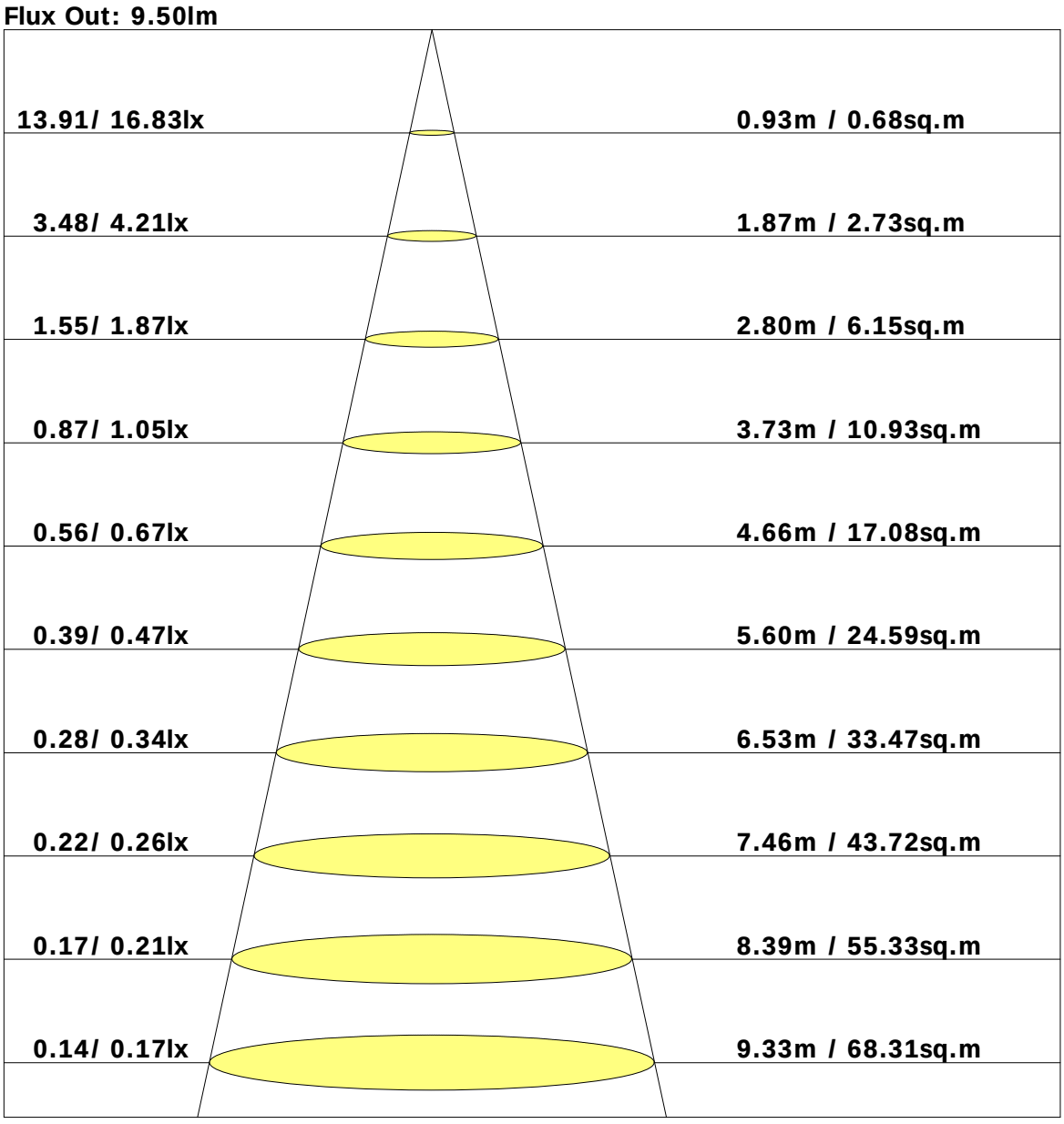
Unit: lm

Horizontal plane	Vertical plane																									Flux(E)
	-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	0.4	0.4
-70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	1.1	1.1
-60	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	2.0	2.0
-50	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	3.1	3.0
-40	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.0	4.1	4.0
-30	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.1	0.0	5.0	4.9
-20	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.0	5.6	5.6
-10	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.2	0.2	0.1	0.0	6.0	5.9
0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.2	0.2	0.1	0.0	6.0	5.9
10	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.2	0.2	0.1	0.0	5.6	5.6
20	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.0	5.0	5.0
30	0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.1	0.0	4.1	4.1
40	0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.0	3.1	3.0
50	0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.0	2.0	2.0
60	0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.0	1.1	1.1
70	0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.0	0.4	0.4
80	0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.0	0.1	0.0
90	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3
Flux(T)	0.2	1.2	2.1	2.9	3.5	4.0	4.4	4.6	4.7	4.7	4.5	4.3	3.9	3.3	2.7	1.9	1.0	0.1		54	
Flux(E)	0.4	1.3	2.1	2.9	3.5	4.0	4.4	4.6	4.7	4.7	4.5	4.3	3.9	3.3	2.7	1.9	1.1	0.3	55		

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:

The Average Illuminance Effective Figure



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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	27.3	29.0	27.7	29.3	29.6	26.7	28.3	27.0	28.7	29.0
3H	29.4	30.9	29.8	31.3	31.7	28.5	30.0	28.9	30.4	30.7
4H	30.2	31.7	30.6	32.0	32.4	29.1	30.6	29.5	30.9	31.3
6H	30.8	32.2	31.2	32.5	32.9	29.5	30.9	30.0	31.3	31.7
8H	31.0	32.3	31.5	32.7	33.1	29.6	30.9	30.1	31.3	31.7
12H	31.2	32.4	31.6	32.8	33.2	29.7	30.9	30.1	31.3	31.7
X=4H Y=2H	27.9	29.4	28.4	29.7	30.1	27.4	28.8	27.8	29.2	29.6
3H	30.3	31.5	30.7	31.9	32.3	29.4	30.7	29.9	31.1	31.5
4H	31.2	32.3	31.7	32.8	33.2	30.2	31.3	30.6	31.7	32.2
6H	32.0	32.9	32.4	33.4	33.9	30.7	31.7	31.2	32.1	32.6
8H	32.2	33.1	32.7	33.6	34.0	30.8	31.7	31.3	32.2	32.7
12H	32.4	33.2	32.9	33.7	34.2	30.9	31.7	31.4	32.2	32.7
X=8H Y=4H	31.5	32.5	32.0	32.9	33.4	30.6	31.5	31.0	31.9	32.4
6H	32.4	33.2	32.9	33.7	34.1	31.2	31.9	31.7	32.4	32.9
8H	32.7	33.4	33.2	33.9	34.4	31.3	32.0	31.9	32.5	33.0
12H	33.0	33.6	33.5	34.1	34.6	31.5	32.1	32.0	32.6	33.1
X=12H Y=4H	31.6	32.4	32.1	32.9	33.4	30.6	31.4	31.1	31.9	32.4
6H	32.5	33.1	33.0	33.6	34.2	31.3	31.9	31.8	32.4	33.0
8H	32.8	33.4	33.3	33.9	34.5	31.5	32.1	32.0	32.6	33.1

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	0.57	0.65	0.73	0.78	0.86	0.91	0.95	0.99	1.02
	0.30		0.49	0.57	0.65	0.71	0.79	0.85	0.89	0.95	0.99
	0.20		0.43	0.51	0.60	0.65	0.74	0.80	0.85	0.91	0.95
0.50	0.50	0.20	0.55	0.63	0.70	0.75	0.82	0.87	0.91	0.95	0.98
	0.30		0.48	0.56	0.64	0.69	0.77	0.82	0.86	0.91	0.95
	0.20		0.43	0.51	0.59	0.64	0.72	0.78	0.82	0.88	0.92
0.30	0.50	0.20	0.54	0.61	0.68	0.73	0.79	0.84	0.87	0.91	0.94
	0.30		0.47	0.55	0.62	0.68	0.75	0.80	0.83	0.88	0.91
	0.20		0.43	0.50	0.58	0.63	0.71	0.76	0.80	0.86	0.89
0.00	0.00	0.00	0.40	0.48	0.55	0.60	0.67	0.72	0.76	0.81	0.84

Rating:1W 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	0.99	0.85	0.72	0.63	0.50	0.42	0.36	0.28	0.23
	0.30		0.83	0.73	0.63	0.56	0.46	0.39	0.33	0.27	0.22
	0.20		0.71	0.63	0.56	0.50	0.42	0.36	0.31	0.25	0.21
0.50	0.50	0.20	0.96	0.81	0.69	0.60	0.48	0.43	0.34	0.27	0.22
	0.30		0.81	0.71	0.61	0.54	0.44	0.37	0.32	0.25	0.21
	0.20		0.70	0.62	0.55	0.49	0.41	0.35	0.30	0.24	0.20
0.30	0.50	0.20	0.93	0.78	0.66	0.58	0.46	0.38	0.33	0.26	0.21
	0.30		0.79	0.69	0.59	0.52	0.43	0.36	0.31	0.24	0.20
	0.20		0.69	0.61	0.54	0.48	0.40	0.34	0.29	0.23	0.19
0.00	0.00	0.00	0.59	0.52	0.45	0.39	0.32	0.27	0.23	0.18	0.15

Rating:1W 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	0.17	0.19	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		0.05	0.07	0.08	0.10	0.12	0.13	0.14	0.16	0.17
0.50	0.50	0.20	0.16	0.18	0.19	0.19	0.20	0.21	0.21	0.21	0.22
	0.30		0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19
	0.20		0.05	0.07	0.08	0.09	0.11	0.13	0.14	0.16	0.17
0.30	0.50	0.20	0.16	0.17	0.18	0.19	0.19	0.20	0.20	0.21	0.21
	0.30		0.10	0.11	0.13	0.14	0.15	0.16	0.17	0.18	0.19
	0.20		0.05	0.07	0.08	0.09	0.11	0.13	0.14	0.15	0.16
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:1W 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	16.7	0.0	0.0	0.03	0.03
1.0-2.0	16.7	0.0	0.1	0.09	0.12
2.0-3.0	16.7	0.1	0.1	0.15	0.26
3.0-4.0	16.7	0.1	0.3	0.20	0.46
4.0-5.0	16.7	0.1	0.4	0.26	0.73
5.0-6.0	16.7	0.2	0.6	0.32	1.04
6.0-7.0	16.7	0.2	0.8	0.38	1.42
7.0-8.0	16.6	0.2	1.0	0.43	1.85
8.0-9.0	16.6	0.3	1.3	0.49	2.34
9.0-10.0	16.6	0.3	1.6	0.54	2.88
10.0-11.0	16.5	0.3	1.9	0.60	3.48
11.0-12.0	16.5	0.4	2.3	0.65	4.14
12.0-13.0	16.4	0.4	2.7	0.71	4.84
13.0-14.0	16.4	0.4	3.1	0.76	5.61
14.0-15.0	16.3	0.4	3.5	0.81	6.42
15.0-16.0	16.3	0.5	4.0	0.87	7.29
16.0-17.0	16.2	0.5	4.5	0.92	8.20
17.0-18.0	16.1	0.5	5.1	0.97	9.17
18.0-19.0	16.1	0.6	5.6	1.02	10.18
19.0-20.0	16.0	0.6	6.2	1.06	11.25
20.0-21.0	15.9	0.6	6.8	1.11	12.36
21.0-22.0	15.9	0.6	7.4	1.16	13.52
22.0-23.0	15.8	0.7	8.1	1.20	14.72
23.0-24.0	15.7	0.7	8.8	1.25	15.96
24.0-25.0	15.6	0.7	9.5	1.29	17.25
25.0-26.0	15.5	0.7	10.2	1.33	18.58
26.0-27.0	15.4	0.8	11.0	1.37	19.95
27.0-28.0	15.3	0.8	11.8	1.41	21.35
28.0-29.0	15.2	0.8	12.6	1.44	22.79
29.0-30.0	15.0	0.8	13.4	1.47	24.27
30.0-31.0	14.9	0.8	14.2	1.51	25.77
31.0-32.0	14.8	0.8	15.0	1.54	27.31
32.0-33.0	14.7	0.9	15.9	1.57	28.88
33.0-34.0	14.5	0.9	16.8	1.59	30.47
34.0-35.0	14.3	0.9	17.7	1.62	32.09
35.0-36.0	14.2	0.9	18.6	1.64	33.73

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	14.0	0.9	19.5	1.66	35.39
37.0-38.0	13.9	0.9	20.4	1.68	37.07
38.0-39.0	13.7	0.9	21.4	1.70	38.77
39.0-40.0	13.5	0.9	22.3	1.71	40.48
40.0-41.0	13.4	1.0	23.3	1.73	42.21
41.0-42.0	13.2	1.0	24.2	1.74	43.95
42.0-43.0	13.0	1.0	25.2	1.74	45.69
43.0-44.0	12.8	1.0	26.1	1.75	47.44
44.0-45.0	12.6	1.0	27.1	1.75	49.20
45.0-46.0	12.4	1.0	28.1	1.76	50.95
46.0-47.0	12.1	1.0	29.0	1.75	52.71
47.0-48.0	11.9	1.0	30.0	1.75	54.46
48.0-49.0	11.7	1.0	31.0	1.75	56.21
49.0-50.0	11.5	1.0	31.9	1.74	57.95
50.0-51.0	11.3	1.0	32.9	1.74	59.69
51.0-52.0	11.1	0.9	33.8	1.72	61.41
52.0-53.0	10.8	0.9	34.8	1.71	63.11
53.0-54.0	10.6	0.9	35.7	1.69	64.81
54.0-55.0	10.3	0.9	36.6	1.68	66.48
55.0-56.0	10.1	0.9	37.5	1.66	68.14
56.0-57.0	9.8	0.9	38.4	1.63	69.77
57.0-58.0	9.6	0.9	39.3	1.61	71.38
58.0-59.0	9.3	0.9	40.2	1.58	72.96
59.0-60.0	9.1	0.9	41.1	1.56	74.52
60.0-61.0	8.8	0.8	41.9	1.53	76.04
61.0-62.0	8.5	0.8	42.7	1.49	77.53
62.0-63.0	8.2	0.8	43.5	1.46	78.99
63.0-64.0	8.0	0.8	44.3	1.42	80.41
64.0-65.0	7.7	0.8	45.1	1.39	81.80
65.0-66.0	7.4	0.7	45.8	1.35	83.14
66.0-67.0	7.1	0.7	46.5	1.30	84.45
67.0-68.0	6.8	0.7	47.2	1.26	85.71
68.0-69.0	6.6	0.7	47.9	1.21	86.92
69.0-70.0	6.3	0.6	48.5	1.17	88.09
70.0-71.0	5.9	0.6	49.1	1.11	89.20
71.0-72.0	5.6	0.6	49.7	1.06	90.26

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	5.3	0.6	50.3	1.01	91.27
73.0-74.0	5.0	0.5	50.8	0.95	92.22
74.0-75.0	4.6	0.5	51.3	0.89	93.10
75.0-76.0	4.3	0.5	51.7	0.83	93.93
76.0-77.0	3.9	0.4	52.2	0.76	94.70
77.0-78.0	3.6	0.4	52.6	0.70	95.40
78.0-79.0	3.3	0.4	52.9	0.64	96.04
79.0-80.0	2.9	0.3	53.2	0.57	96.61
80.0-81.0	2.6	0.3	53.5	0.51	97.12
81.0-82.0	2.3	0.2	53.8	0.45	97.57
82.0-83.0	2.0	0.2	54.0	0.39	97.95
83.0-84.0	1.6	0.2	54.1	0.32	98.28
84.0-85.0	1.4	0.1	54.3	0.27	98.55
85.0-86.0	1.1	0.1	54.4	0.22	98.76
86.0-87.0	0.8	0.1	54.5	0.17	98.93
87.0-88.0	0.6	0.1	54.6	0.12	99.05
88.0-89.0	0.4	0.0	54.6	0.08	99.13
89.0-90.0	0.3	0.0	54.6	0.05	99.18
90.0-91.0	0.1	0.0	54.7	0.03	99.21
91.0-92.0	0.1	0.0	54.7	0.02	99.22
92.0-93.0	0.1	0.0	54.7	0.01	99.24
93.0-94.0	0.1	0.0	54.7	0.01	99.25
94.0-95.0	0.0	0.0	54.7	0.01	99.25
95.0-96.0	0.0	0.0	54.7	0.01	99.26
96.0-97.0	0.0	0.0	54.7	0.01	99.27
97.0-98.0	0.0	0.0	54.7	0.01	99.28
98.0-99.0	0.0	0.0	54.7	0.01	99.29
99.0-100.0	0.0	0.0	54.7	0.01	99.29
100.0-101.0	0.0	0.0	54.7	0.01	99.30
101.0-102.0	0.1	0.0	54.7	0.01	99.31
102.0-103.0	0.1	0.0	54.7	0.01	99.33
103.0-104.0	0.1	0.0	54.7	0.01	99.33
104.0-105.0	0.0	0.0	54.7	0.01	99.34
105.0-106.0	0.0	0.0	54.7	0.01	99.35
106.0-107.0	0.0	0.0	54.7	0.01	99.36
107.0-108.0	0.0	0.0	54.7	0.01	99.37

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 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	54.7	0.01	99.38
109.0-110.0	0.0	0.0	54.8	0.01	99.38
110.0-111.0	0.0	0.0	54.8	0.01	99.39
111.0-112.0	0.1	0.0	54.8	0.01	99.40
112.0-113.0	0.1	0.0	54.8	0.01	99.41
113.0-114.0	0.1	0.0	54.8	0.01	99.42
114.0-115.0	0.1	0.0	54.8	0.01	99.44
115.0-116.0	0.1	0.0	54.8	0.01	99.45
116.0-117.0	0.1	0.0	54.8	0.01	99.46
117.0-118.0	0.1	0.0	54.8	0.01	99.47
118.0-119.0	0.1	0.0	54.8	0.01	99.49
119.0-120.0	0.1	0.0	54.8	0.01	99.50
120.0-121.0	0.1	0.0	54.8	0.01	99.51
121.0-122.0	0.1	0.0	54.8	0.01	99.52
122.0-123.0	0.1	0.0	54.8	0.01	99.53
123.0-124.0	0.1	0.0	54.8	0.01	99.55
124.0-125.0	0.1	0.0	54.8	0.01	99.56
125.0-126.0	0.1	0.0	54.9	0.01	99.57
126.0-127.0	0.1	0.0	54.9	0.01	99.58
127.0-128.0	0.1	0.0	54.9	0.01	99.60
128.0-129.0	0.1	0.0	54.9	0.01	99.61
129.0-130.0	0.1	0.0	54.9	0.01	99.62
130.0-131.0	0.1	0.0	54.9	0.01	99.63
131.0-132.0	0.1	0.0	54.9	0.01	99.65
132.0-133.0	0.1	0.0	54.9	0.01	99.65
133.0-134.0	0.1	0.0	54.9	0.01	99.66
134.0-135.0	0.1	0.0	54.9	0.01	99.67
135.0-136.0	0.1	0.0	54.9	0.01	99.69
136.0-137.0	0.1	0.0	54.9	0.01	99.70
137.0-138.0	0.1	0.0	54.9	0.01	99.71
138.0-139.0	0.1	0.0	54.9	0.01	99.72
139.0-140.0	0.1	0.0	54.9	0.01	99.73
140.0-141.0	0.1	0.0	55.0	0.01	99.75
141.0-142.0	0.1	0.0	55.0	0.01	99.76
142.0-143.0	0.1	0.0	55.0	0.01	99.77
143.0-144.0	0.1	0.0	55.0	0.01	99.77

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	55.0	0.01	99.78
145.0-146.0	0.1	0.0	55.0	0.01	99.79
146.0-147.0	0.1	0.0	55.0	0.01	99.81
147.0-148.0	0.1	0.0	55.0	0.01	99.82
148.0-149.0	0.1	0.0	55.0	0.01	99.83
149.0-150.0	0.1	0.0	55.0	0.01	99.84
150.0-151.0	0.1	0.0	55.0	0.01	99.85
151.0-152.0	0.1	0.0	55.0	0.01	99.86
152.0-153.0	0.1	0.0	55.0	0.01	99.87
153.0-154.0	0.1	0.0	55.0	0.01	99.88
154.0-155.0	0.1	0.0	55.0	0.01	99.89
155.0-156.0	0.1	0.0	55.0	0.01	99.89
156.0-157.0	0.1	0.0	55.0	0.01	99.90
157.0-158.0	0.1	0.0	55.0	0.01	99.91
158.0-159.0	0.1	0.0	55.0	0.01	99.92
159.0-160.0	0.1	0.0	55.1	0.01	99.93
160.0-161.0	0.1	0.0	55.1	0.01	99.93
161.0-162.0	0.1	0.0	55.1	0.01	99.94
162.0-163.0	0.1	0.0	55.1	0.01	99.94
163.0-164.0	0.1	0.0	55.1	0.01	99.95
164.0-165.0	0.1	0.0	55.1	0.01	99.96
165.0-166.0	0.1	0.0	55.1	0.01	99.96
166.0-167.0	0.1	0.0	55.1	0.01	99.97
167.0-168.0	0.1	0.0	55.1	0.00	99.97
168.0-169.0	0.1	0.0	55.1	0.00	99.98
169.0-170.0	0.1	0.0	55.1	0.00	99.98
170.0-171.0	0.1	0.0	55.1	0.00	99.98
171.0-172.0	0.1	0.0	55.1	0.00	99.99
172.0-173.0	0.1	0.0	55.1	0.00	99.99
173.0-174.0	0.1	0.0	55.1	0.00	99.99
174.0-175.0	0.1	0.0	55.1	0.00	100.00
175.0-176.0	0.1	0.0	55.1	0.00	100.00
176.0-177.0	0.1	0.0	55.1	0.00	100.00
177.0-178.0	0.1	0.0	55.1	0.00	100.00
178.0-179.0	0.1	0.0	55.1	0.00	100.00
179.0-180.0	0.1	0.0	55.1	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: