

Report No.:

Test Time: 2020/3/15 14:06

Luminaire Property

Luminaire Manufacturer: ACOLYTE

Luminaire Category: RIBBONLYTE

Luminaire Description: RBS220240.75A-S23.0

Luminous Length (mm): 500

Luminous Width (mm): 8

Luminous Height (mm): 1

Voltage: 24.0 V

Current: 0.054 A

Power: 1.28 W

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 43.1 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(10%,50%): H166.2,H123

Vertical Diffuse Angle(10%,50%): V166.8,V124.4

Luminaire Efficacy Rating (LER): 34

Max. Intensity: 13.15 cd

Total Rated Lamp Lumens: 43.1 lm

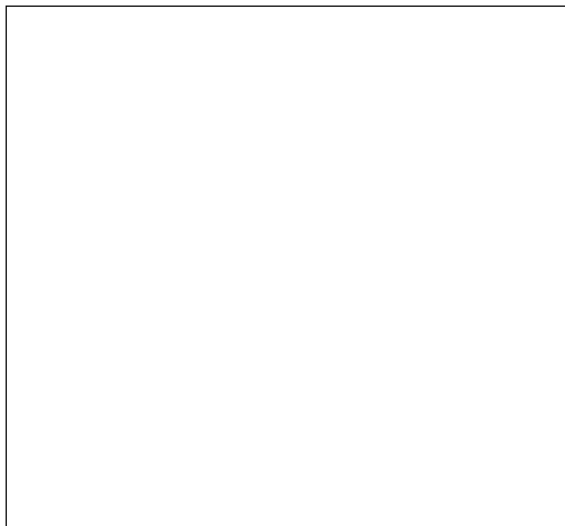
Efficiency: 100%

Upward Ratio: 1%

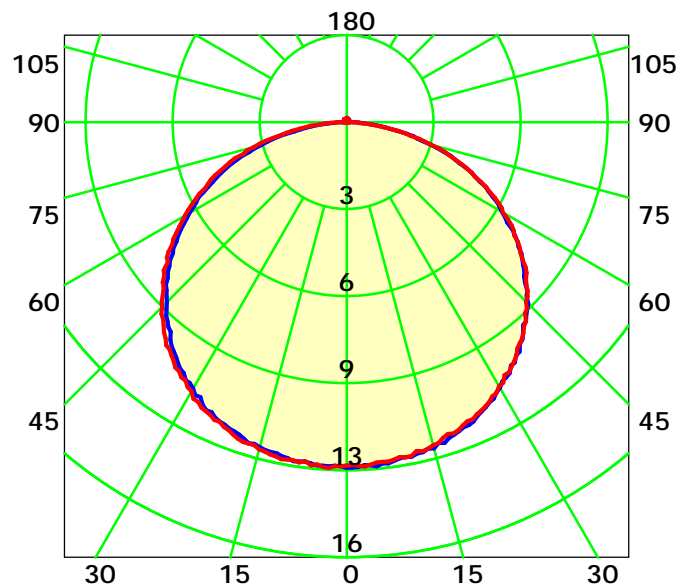
Central Intensity: 13.1 cd

Pos of Max. Intensity: H330 V1

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 123.7° Unit: cd

— C0-C180 — C90-C270

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

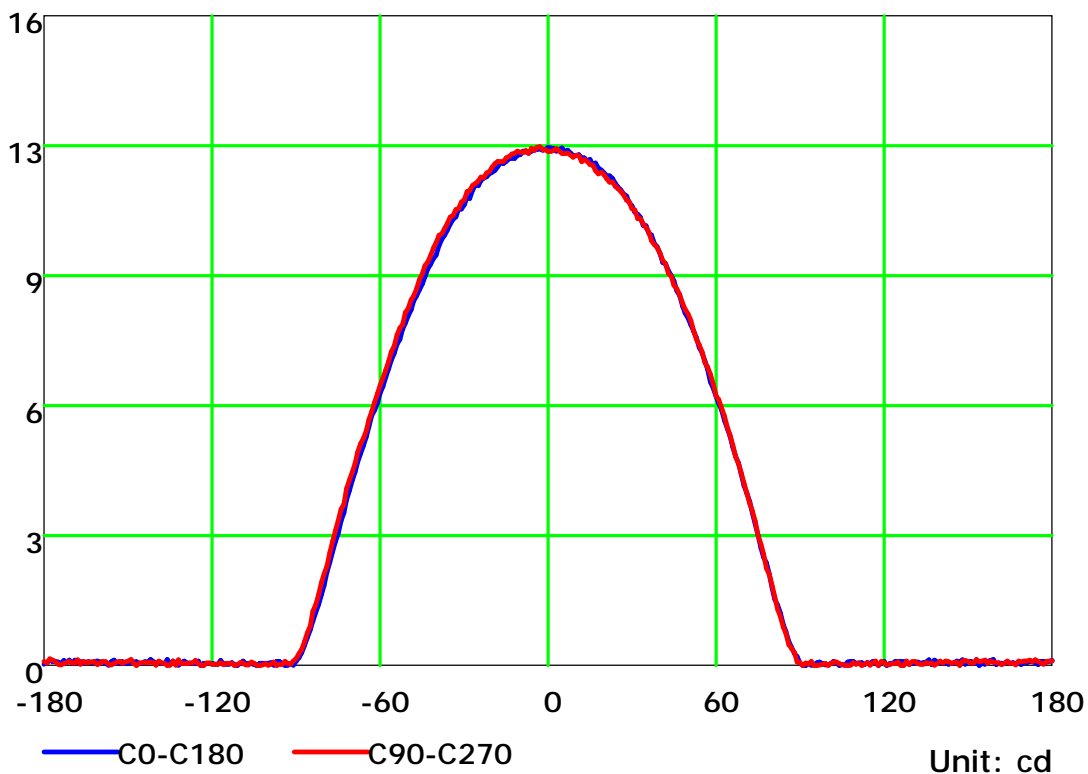
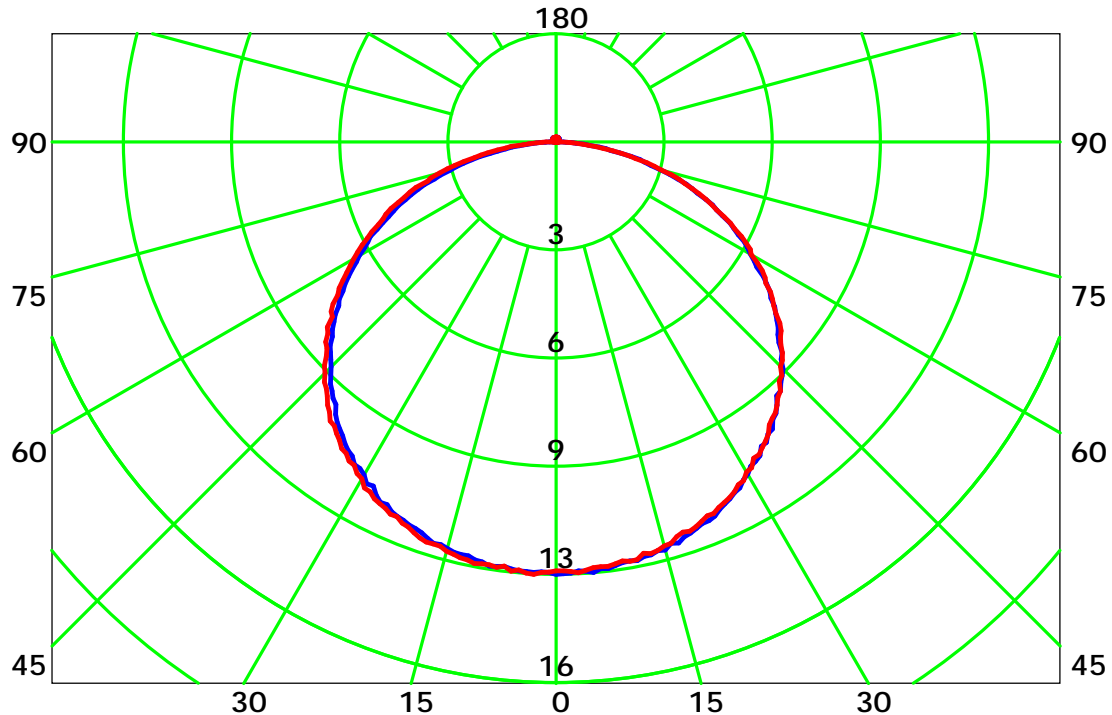
Distance: 9.028 m

Humidity: 60%

Inspector:



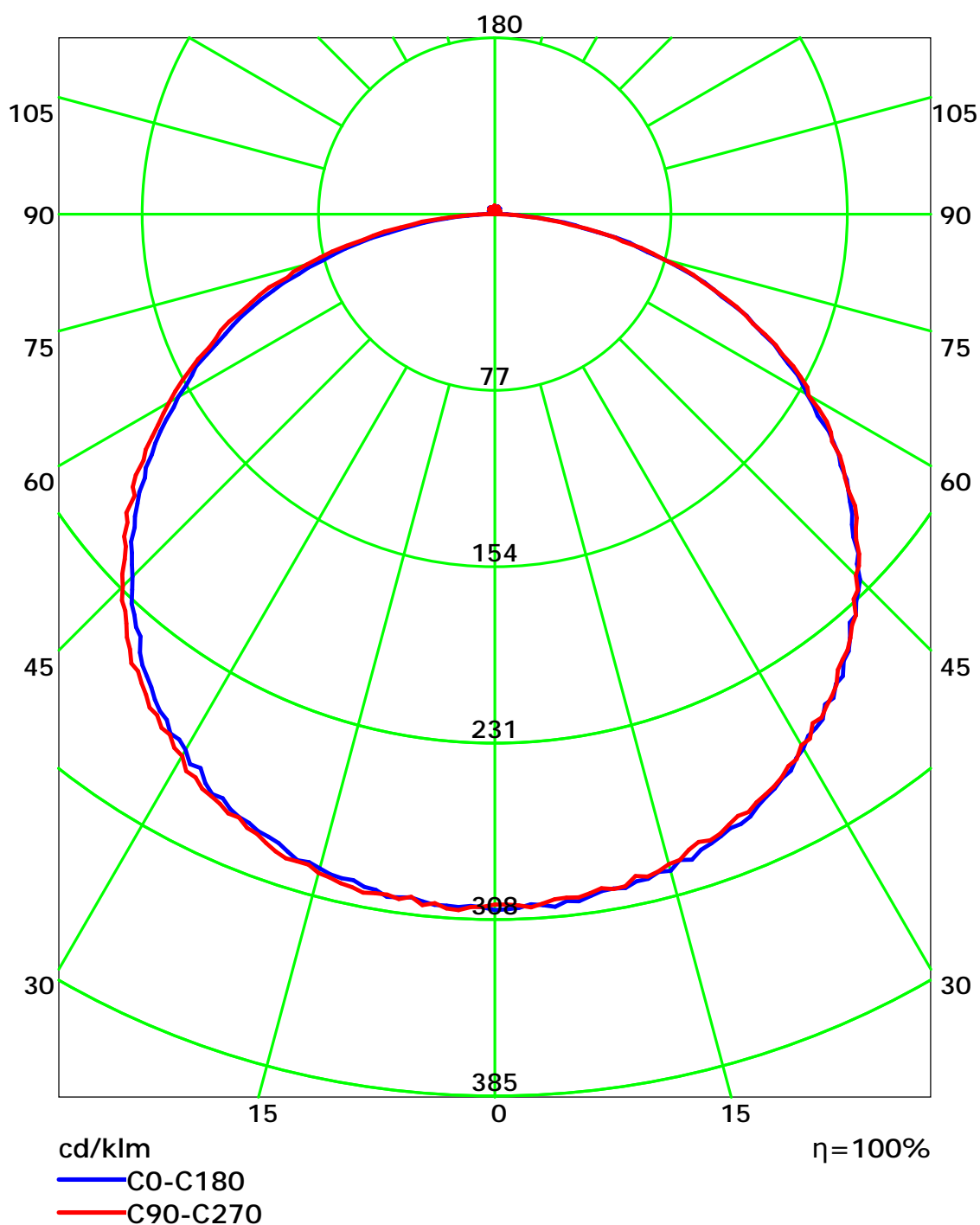
Luminous Intensity Distribution Curve



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:

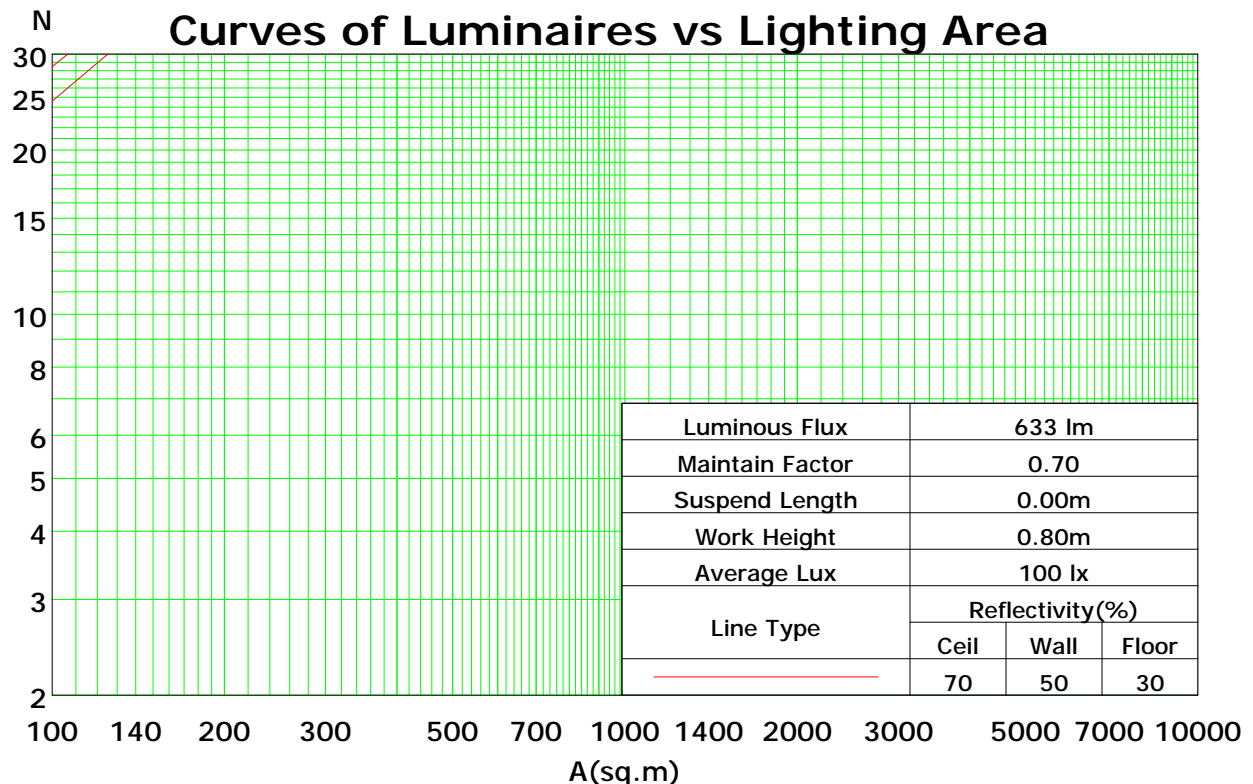
Coefficients Of Utilization - Zonal Cavity Method

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	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	73	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	52	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): 1.32

Spacing Criteria (90-270): 1.34

Spacing Criteria (Diagonal): 1.46



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

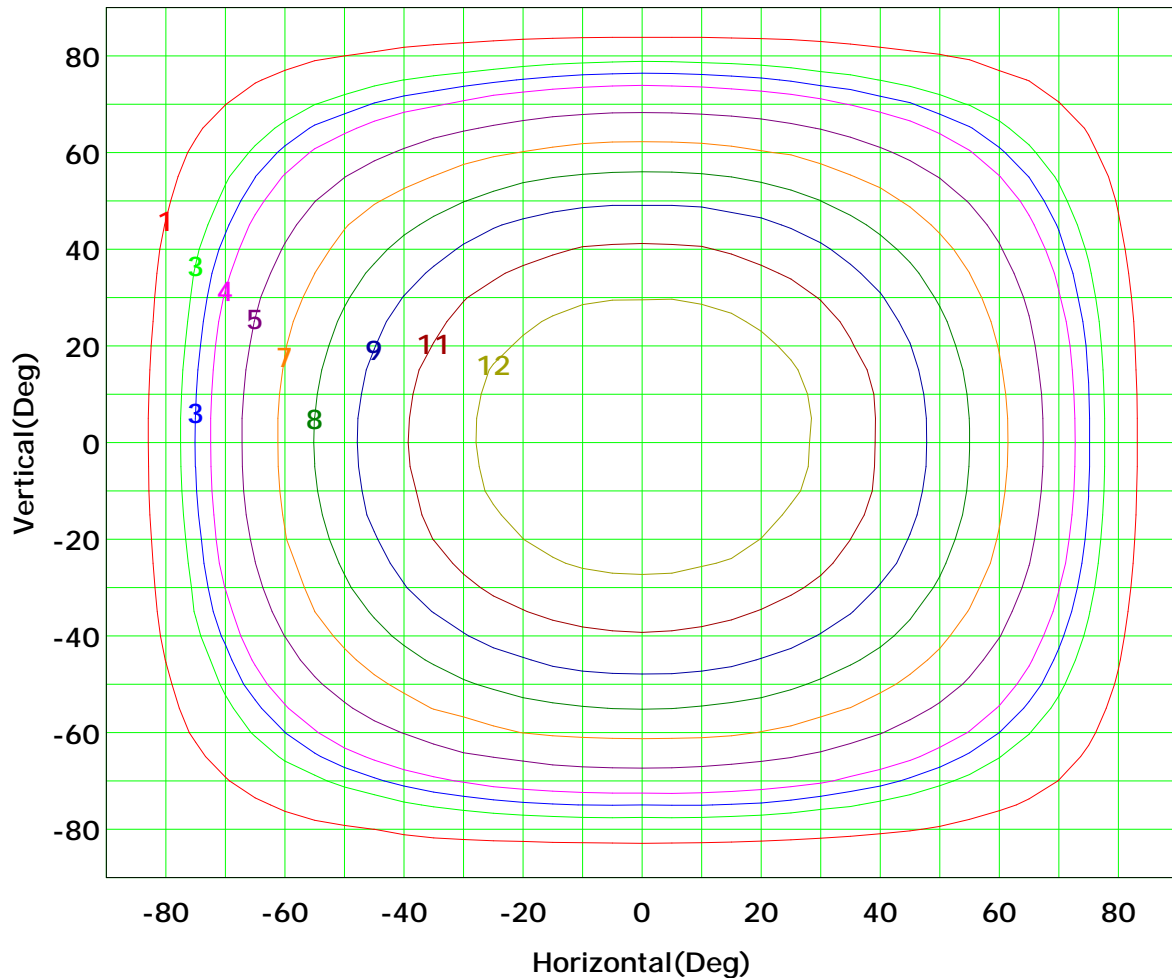
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



Imax (100%): 13 cd

(10%):	1 cd	(20%):	3 cd
(25%):	3 cd	(30%):	4 cd
(40%):	5 cd	(50%):	7 cd
(60%):	8 cd	(70%):	9 cd
(80%):	11 cd	(90%):	12 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

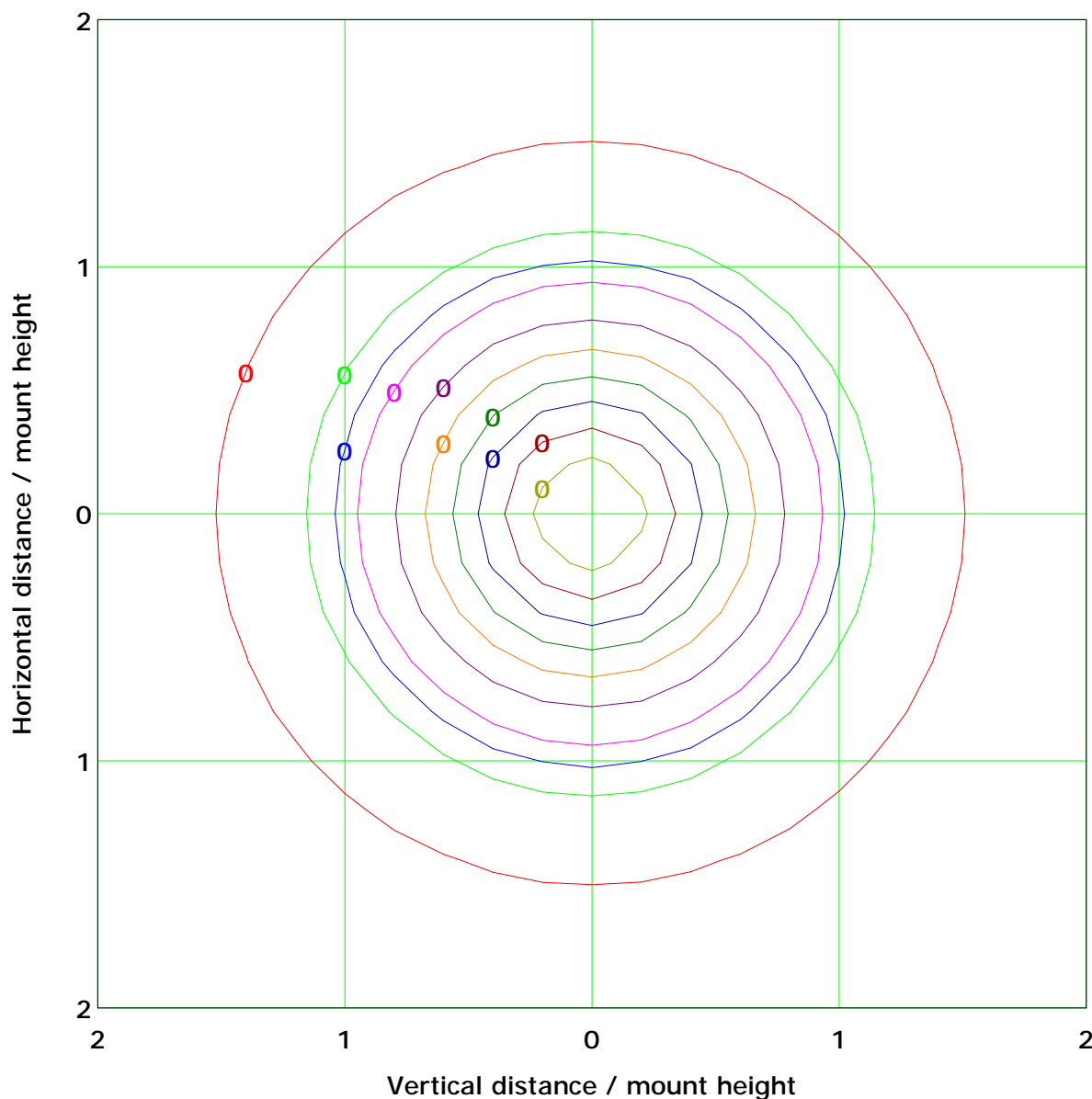
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

IsoLux Plot



Mounting Height: 5.0m Max Lux(100%): 0.5 lx

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

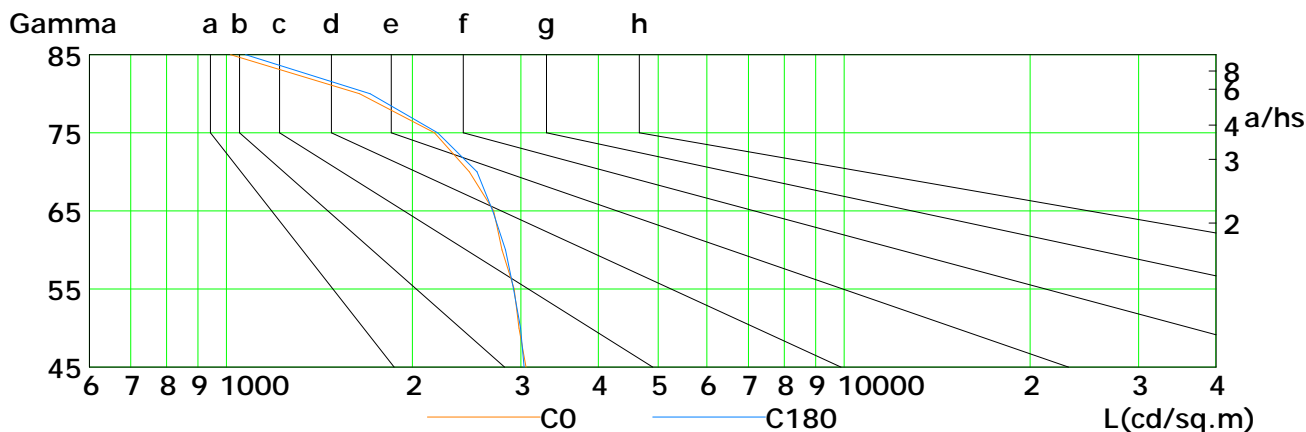
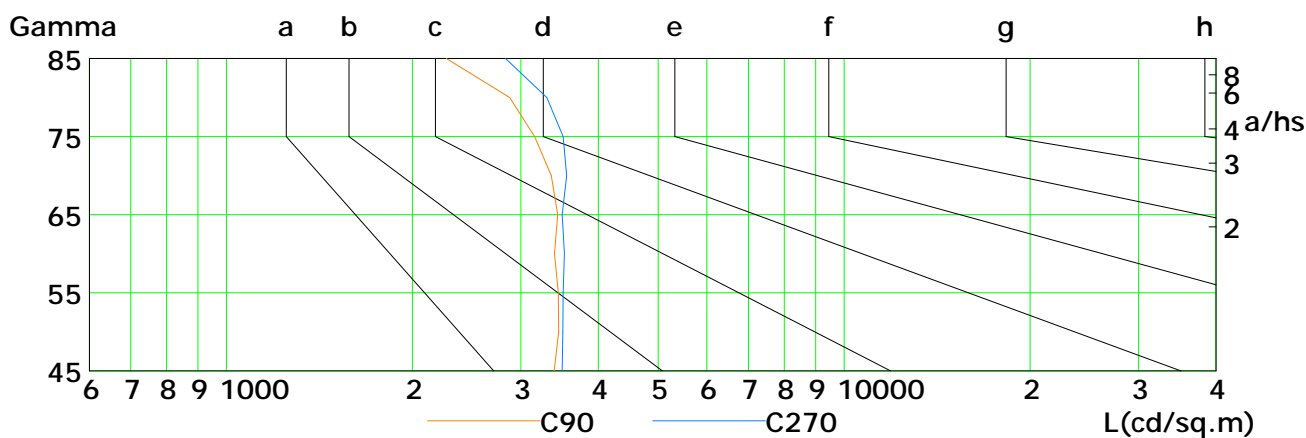
Humidity: 60%

Inspector:

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	3058	2975	2925	2795	2710	2476	2174	1643	1016
C90	3394	3453	3447	3398	3440	3359	3154	2876	2271
C180	3033	2996	2918	2832	2701	2546	2200	1710	1075
C270	3497	3504	3512	3528	3499	3555	3509	3303	2832

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

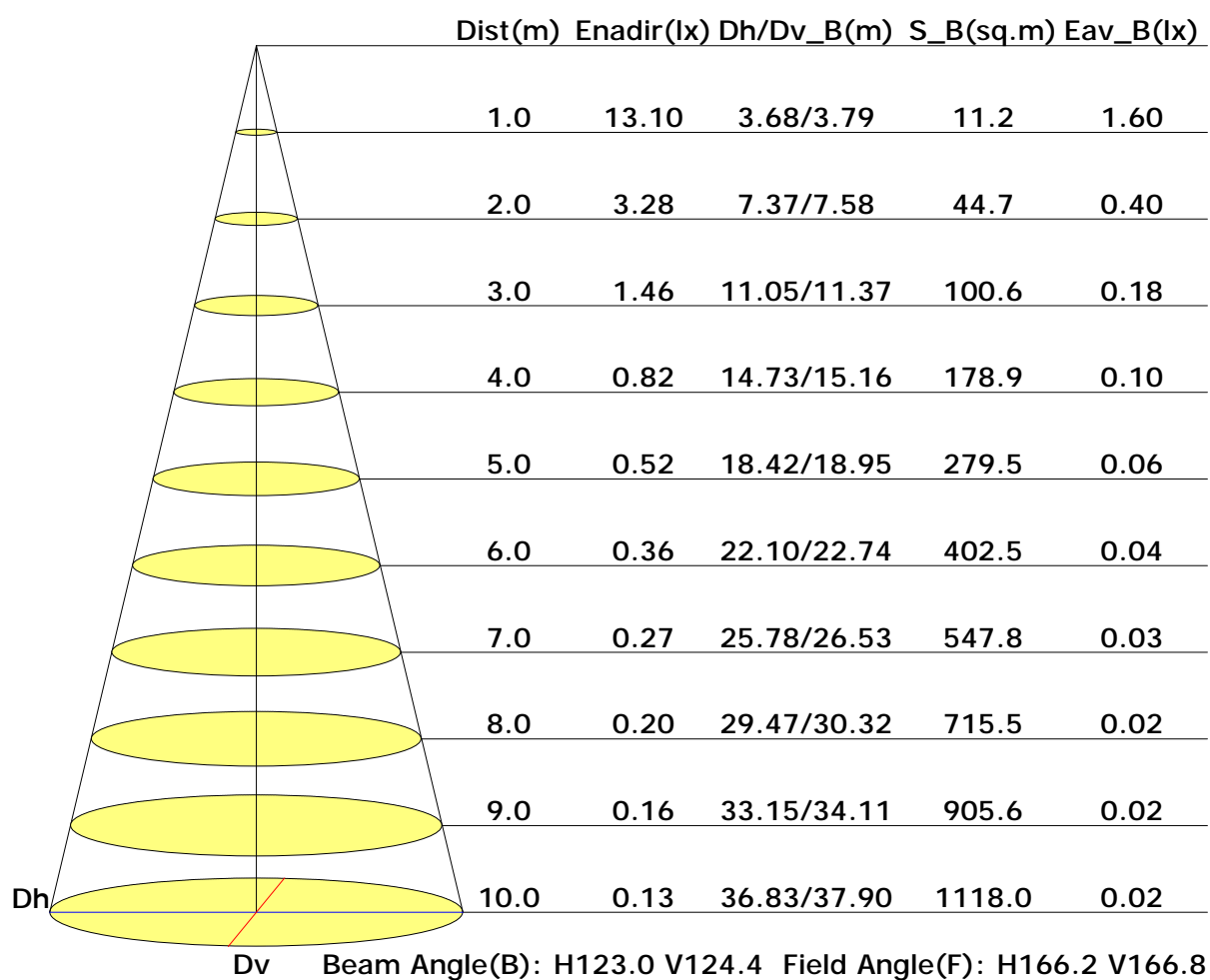
Test Device: GPM-1800B

Distance: 9.028 m

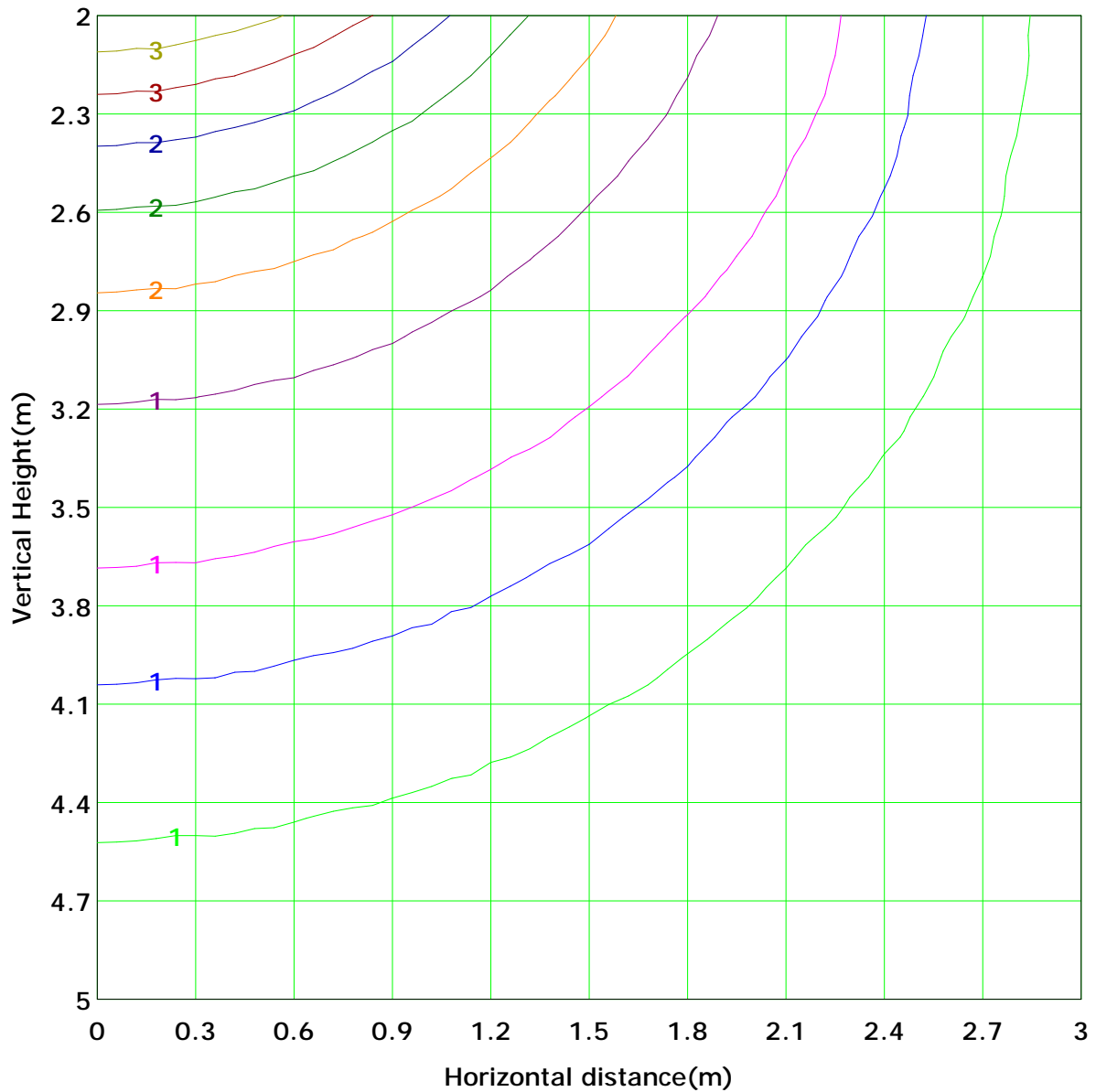
Humidity: 60%

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



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

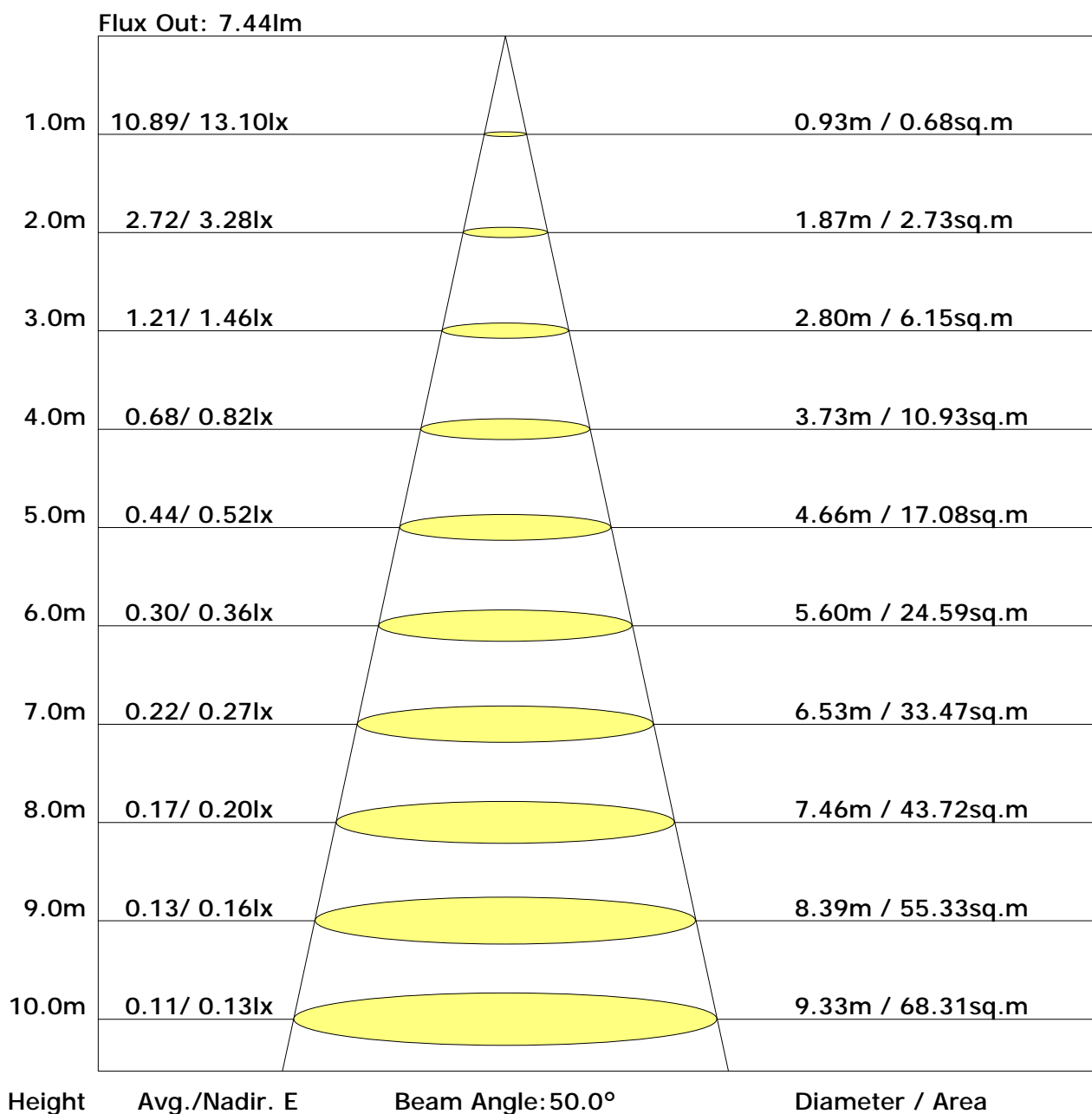
Unit: lm

		Vertical plane																				
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90		
Flux(E)	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	Flux(T)Flux(E)	
		0.0	0.3	0.8	1.6	2.4	3.2	3.9	4.4	4.6	4.6	4.4	3.9	3.2	2.4	1.6	0.8	0.3	0.0	0.0		
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	43	
80	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	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.2	0.1
70	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	1.6	1.6
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	0.2	0.2	0.1	0.1	0.0	0.0	0.0	2.2	2.2
50	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.0	2.7	2.7
40	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.2	0.2	0.1	0.1	0.0	0.0	3.1	3.1
30	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.1	0.1	0.0	0.0	3.4	3.4
20	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.1	0.1	0.0	0.0	3.5	3.5
10	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.1	0.1	0.0	0.0	3.6	3.6
0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.1	0.1	0.0	0.0	3.7	3.7
-10	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.1	0.1	0.0	0.0	3.6	3.6
-20	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.1	0.1	0.0	0.0	3.4	3.4
-30	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.0	3.1	3.1
-40	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	2.7	2.7
-50	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	0.2	0.1	0.1	0.0	0.0	0.0	0.0	2.2	2.2
-60	0.0	0.0	0.0	0.0	0.1	0.1	0.1	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	1.6	1.6
-70	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	1.0	0.9
-80	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	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.9	0.9
-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	0.3	0.1

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



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	27.2	28.9	27.6	29.2	29.6	26.9	28.5	27.3	28.9	29.2
3H	29.3	30.8	29.7	31.2	31.5	28.8	30.3	29.2	30.6	31.0
4H	30.1	31.5	30.5	31.9	32.3	29.5	30.9	29.9	31.3	31.7
6H	30.7	32.0	31.1	32.4	32.8	29.9	31.3	30.3	31.6	32.0
8H	30.8	32.1	31.3	32.5	32.9	30.0	31.3	30.5	31.7	32.1
12H	31.0	32.2	31.4	32.6	33.0	30.1	31.3	30.5	31.7	32.2
X=4H Y=2H	27.9	29.3	28.3	29.7	30.1	27.6	29.0	28.0	29.4	29.8
3H	30.2	31.4	30.6	31.8	32.2	29.7	30.9	30.1	31.3	31.8
4H	31.1	32.2	31.5	32.6	33.1	30.5	31.6	31.0	32.1	32.5
6H	31.8	32.8	32.3	33.2	33.7	31.1	32.1	31.6	32.5	33.0
8H	32.0	32.9	32.5	33.4	33.9	31.2	32.1	31.7	32.6	33.1
12H	32.2	33.0	32.7	33.5	34.0	31.3	32.1	31.8	32.6	33.1
X=8H Y=4H	31.4	32.3	31.9	32.8	33.3	30.9	31.8	31.4	32.3	32.7
6H	32.2	33.0	32.7	33.5	34.0	31.5	32.3	32.1	32.8	33.3
8H	32.5	33.2	33.0	33.7	34.2	31.8	32.5	32.3	33.0	33.5
12H	32.8	33.4	33.3	33.9	34.4	31.9	32.5	32.4	33.0	33.6
X=12H Y=4H	31.4	32.3	31.9	32.7	33.2	30.9	31.8	31.4	32.2	32.7
6H	32.3	33.0	32.8	33.4	34.0	31.6	32.3	32.2	32.8	33.4
8H	32.6	33.2	33.1	33.7	34.3	31.9	32.5	32.4	33.0	33.6

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	0.66	0.74	0.80	0.85	0.91	0.95
0.50	0.50	0.20	0.55	0.63	0.70	0.76	0.83	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											

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	0.72	0.63	0.56	0.46	0.39	0.33	0.26	0.22	
	0.20		0.71	0.63	0.55	0.50	0.42	0.36	0.31	0.25	0.21	
0.50	0.50	0.20	0.95	0.81	0.69	0.60	0.48	0.43	0.34	0.27	0.22	
	0.30		0.81	0.70	0.61	0.54	0.44	0.37	0.32	0.25	0.21	
	0.20		0.70	0.62	0.54	0.49	0.40	0.35	0.30	0.24	0.20	
0.30	0.50	0.20	0.92	0.78	0.66	0.58	0.46	0.38	0.33	0.25	0.21	
	0.30		0.79	0.69	0.59	0.52	0.42	0.36	0.31	0.24	0.20	
	0.20		0.69	0.61	0.53	0.48	0.39	0.34	0.29	0.23	0.19	
0.00	0.00	0.00	0.59	0.52	0.44	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												

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	0.20	0.20	0.21	0.22	0.22	0.23	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	0.13	0.15	0.16	0.18	
0.50	0.50	0.20	0.17	0.18	0.19	0.19	0.20	0.21	0.21	0.22	0.22	
	0.30		0.10	0.12	0.13	0.14	0.15	0.17	0.17	0.19	0.19	
	0.20		0.05	0.07	0.08	0.10	0.12	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	0.12	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	0.15	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: 1W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	13.1	0.0	0.0	0.03	0.03
1.0-2.0	13.1	0.0	0.0	0.09	0.12
2.0-3.0	13.1	0.1	0.1	0.14	0.26
3.0-4.0	13.1	0.1	0.2	0.20	0.46
4.0-5.0	13.0	0.1	0.3	0.26	0.72
5.0-6.0	13.0	0.1	0.4	0.32	1.04
6.0-7.0	13.0	0.2	0.6	0.37	1.42
7.0-8.0	13.0	0.2	0.8	0.43	1.85
8.0-9.0	13.0	0.2	1.0	0.49	2.34
9.0-10.0	12.9	0.2	1.2	0.54	2.88
10.0-11.0	12.9	0.3	1.5	0.60	3.48
11.0-12.0	12.9	0.3	1.8	0.65	4.13
12.0-13.0	12.9	0.3	2.1	0.71	4.84
13.0-14.0	12.8	0.3	2.4	0.76	5.60
14.0-15.0	12.8	0.4	2.8	0.81	6.41
15.0-16.0	12.7	0.4	3.1	0.87	7.28
16.0-17.0	12.7	0.4	3.5	0.92	8.20
17.0-18.0	12.7	0.4	4.0	0.97	9.17
18.0-19.0	12.6	0.4	4.4	1.02	10.18
19.0-20.0	12.5	0.5	4.8	1.06	11.25
20.0-21.0	12.5	0.5	5.3	1.11	12.36
21.0-22.0	12.4	0.5	5.8	1.16	13.52
22.0-23.0	12.4	0.5	6.3	1.20	14.72
23.0-24.0	12.3	0.5	6.9	1.25	15.96
24.0-25.0	12.2	0.6	7.4	1.29	17.25
25.0-26.0	12.1	0.6	8.0	1.33	18.58
26.0-27.0	12.0	0.6	8.6	1.37	19.94
27.0-28.0	11.9	0.6	9.2	1.40	21.35
28.0-29.0	11.9	0.6	9.8	1.44	22.79
29.0-30.0	11.8	0.6	10.5	1.47	24.26
30.0-31.0	11.7	0.6	11.1	1.51	25.77
31.0-32.0	11.6	0.7	11.8	1.54	27.30
32.0-33.0	11.5	0.7	12.4	1.57	28.87
33.0-34.0	11.3	0.7	13.1	1.59	30.46
34.0-35.0	11.2	0.7	13.8	1.62	32.08
35.0-36.0	11.1	0.7	14.5	1.64	33.72

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 [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	11.0	0.7	15.3	1.66	35.38
37.0-38.0	10.9	0.7	16.0	1.68	37.07
38.0-39.0	10.7	0.7	16.7	1.70	38.77
39.0-40.0	10.6	0.7	17.5	1.71	40.48
40.0-41.0	10.5	0.7	18.2	1.73	42.21
41.0-42.0	10.3	0.8	18.9	1.74	43.95
42.0-43.0	10.2	0.8	19.7	1.75	45.70
43.0-44.0	10.0	0.8	20.5	1.75	47.45
44.0-45.0	9.9	0.8	21.2	1.76	49.21
45.0-46.0	9.7	0.8	22.0	1.76	50.97
46.0-47.0	9.6	0.8	22.7	1.76	52.73
47.0-48.0	9.4	0.8	23.5	1.76	54.49
48.0-49.0	9.2	0.8	24.2	1.75	56.24
49.0-50.0	9.0	0.8	25.0	1.75	57.99
50.0-51.0	8.9	0.7	25.7	1.74	59.72
51.0-52.0	8.7	0.7	26.5	1.73	61.45
52.0-53.0	8.5	0.7	27.2	1.71	63.16
53.0-54.0	8.3	0.7	28.0	1.70	64.86
54.0-55.0	8.1	0.7	28.7	1.68	66.53
55.0-56.0	7.9	0.7	29.4	1.65	68.19
56.0-57.0	7.7	0.7	30.1	1.63	69.82
57.0-58.0	7.5	0.7	30.8	1.61	71.43
58.0-59.0	7.3	0.7	31.5	1.58	73.01
59.0-60.0	7.1	0.7	32.1	1.55	74.56
60.0-61.0	6.9	0.7	32.8	1.52	76.08
61.0-62.0	6.7	0.6	33.4	1.49	77.57
62.0-63.0	6.5	0.6	34.1	1.46	79.03
63.0-64.0	6.2	0.6	34.7	1.42	80.45
64.0-65.0	6.0	0.6	35.3	1.38	81.83
65.0-66.0	5.8	0.6	35.9	1.34	83.17
66.0-67.0	5.6	0.6	36.4	1.29	84.46
67.0-68.0	5.3	0.5	37.0	1.25	85.72
68.0-69.0	5.1	0.5	37.5	1.21	86.93
69.0-70.0	4.9	0.5	38.0	1.16	88.08
70.0-71.0	4.6	0.5	38.5	1.11	89.19
71.0-72.0	4.4	0.5	38.9	1.06	90.25

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 [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	4.1	0.4	39.3	1.00	91.26
73.0-74.0	3.9	0.4	39.8	0.94	92.20
74.0-75.0	3.6	0.4	40.1	0.88	93.09
75.0-76.0	3.3	0.4	40.5	0.82	93.91
76.0-77.0	3.1	0.3	40.8	0.76	94.67
77.0-78.0	2.8	0.3	41.1	0.70	95.37
78.0-79.0	2.6	0.3	41.4	0.64	96.01
79.0-80.0	2.3	0.2	41.6	0.57	96.57
80.0-81.0	2.0	0.2	41.9	0.50	97.08
81.0-82.0	1.8	0.2	42.0	0.44	97.52
82.0-83.0	1.5	0.2	42.2	0.38	97.90
83.0-84.0	1.3	0.1	42.3	0.32	98.22
84.0-85.0	1.0	0.1	42.5	0.27	98.48
85.0-86.0	0.8	0.1	42.5	0.21	98.69
86.0-87.0	0.6	0.1	42.6	0.16	98.85
87.0-88.0	0.5	0.0	42.7	0.11	98.96
88.0-89.0	0.3	0.0	42.7	0.08	99.04
89.0-90.0	0.2	0.0	42.7	0.05	99.08
90.0-91.0	0.1	0.0	42.7	0.03	99.11
91.0-92.0	0.1	0.0	42.7	0.02	99.12
92.0-93.0	0.1	0.0	42.7	0.01	99.14
93.0-94.0	0.0	0.0	42.7	0.01	99.15
94.0-95.0	0.0	0.0	42.8	0.01	99.16
95.0-96.0	0.0	0.0	42.8	0.01	99.17
96.0-97.0	0.0	0.0	42.8	0.01	99.18
97.0-98.0	0.0	0.0	42.8	0.01	99.19
98.0-99.0	0.0	0.0	42.8	0.01	99.20
99.0-100.0	0.0	0.0	42.8	0.01	99.22
100.0-101.0	0.0	0.0	42.8	0.01	99.23
101.0-102.0	0.1	0.0	42.8	0.01	99.24
102.0-103.0	0.0	0.0	42.8	0.01	99.25
103.0-104.0	0.0	0.0	42.8	0.01	99.26
104.0-105.0	0.0	0.0	42.8	0.01	99.27
105.0-106.0	0.0	0.0	42.8	0.01	99.28
106.0-107.0	0.0	0.0	42.8	0.01	99.29
107.0-108.0	0.0	0.0	42.8	0.01	99.30

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 [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	0.1	0.0	42.8	0.01	99.32
109.0-110.0	0.1	0.0	42.8	0.01	99.33
110.0-111.0	0.0	0.0	42.8	0.01	99.34
111.0-112.0	0.0	0.0	42.8	0.01	99.35
112.0-113.0	0.0	0.0	42.8	0.01	99.36
113.0-114.0	0.1	0.0	42.8	0.01	99.37
114.0-115.0	0.1	0.0	42.8	0.01	99.39
115.0-116.0	0.1	0.0	42.9	0.01	99.40
116.0-117.0	0.1	0.0	42.9	0.01	99.41
117.0-118.0	0.1	0.0	42.9	0.01	99.43
118.0-119.0	0.0	0.0	42.9	0.01	99.44
119.0-120.0	0.1	0.0	42.9	0.01	99.45
120.0-121.0	0.1	0.0	42.9	0.01	99.46
121.0-122.0	0.1	0.0	42.9	0.01	99.48
122.0-123.0	0.1	0.0	42.9	0.01	99.49
123.0-124.0	0.1	0.0	42.9	0.01	99.50
124.0-125.0	0.1	0.0	42.9	0.01	99.51
125.0-126.0	0.1	0.0	42.9	0.02	99.53
126.0-127.0	0.1	0.0	42.9	0.01	99.54
127.0-128.0	0.1	0.0	42.9	0.01	99.55
128.0-129.0	0.1	0.0	42.9	0.01	99.57
129.0-130.0	0.1	0.0	42.9	0.01	99.58
130.0-131.0	0.1	0.0	42.9	0.01	99.59
131.0-132.0	0.1	0.0	42.9	0.01	99.61
132.0-133.0	0.1	0.0	42.9	0.01	99.62
133.0-134.0	0.1	0.0	43.0	0.01	99.63
134.0-135.0	0.1	0.0	43.0	0.01	99.65
135.0-136.0	0.1	0.0	43.0	0.01	99.66
136.0-137.0	0.1	0.0	43.0	0.01	99.67
137.0-138.0	0.1	0.0	43.0	0.01	99.68
138.0-139.0	0.1	0.0	43.0	0.01	99.70
139.0-140.0	0.1	0.0	43.0	0.01	99.71
140.0-141.0	0.1	0.0	43.0	0.01	99.72
141.0-142.0	0.1	0.0	43.0	0.01	99.74
142.0-143.0	0.1	0.0	43.0	0.01	99.75
143.0-144.0	0.1	0.0	43.0	0.01	99.76

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 [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	0.1	0.0	43.0	0.01	99.77
145.0-146.0	0.1	0.0	43.0	0.01	99.78
146.0-147.0	0.1	0.0	43.0	0.01	99.80
147.0-148.0	0.1	0.0	43.0	0.01	99.81
148.0-149.0	0.1	0.0	43.0	0.01	99.82
149.0-150.0	0.1	0.0	43.0	0.01	99.83
150.0-151.0	0.1	0.0	43.0	0.01	99.85
151.0-152.0	0.1	0.0	43.1	0.01	99.85
152.0-153.0	0.1	0.0	43.1	0.01	99.86
153.0-154.0	0.1	0.0	43.1	0.01	99.88
154.0-155.0	0.1	0.0	43.1	0.01	99.88
155.0-156.0	0.1	0.0	43.1	0.01	99.89
156.0-157.0	0.1	0.0	43.1	0.01	99.90
157.0-158.0	0.1	0.0	43.1	0.01	99.91
158.0-159.0	0.1	0.0	43.1	0.01	99.92
159.0-160.0	0.1	0.0	43.1	0.01	99.92
160.0-161.0	0.1	0.0	43.1	0.01	99.93
161.0-162.0	0.1	0.0	43.1	0.01	99.94
162.0-163.0	0.1	0.0	43.1	0.01	99.94
163.0-164.0	0.1	0.0	43.1	0.01	99.95
164.0-165.0	0.1	0.0	43.1	0.01	99.95
165.0-166.0	0.1	0.0	43.1	0.01	99.96
166.0-167.0	0.1	0.0	43.1	0.01	99.97
167.0-168.0	0.1	0.0	43.1	0.00	99.97
168.0-169.0	0.1	0.0	43.1	0.00	99.97
169.0-170.0	0.1	0.0	43.1	0.00	99.98
170.0-171.0	0.1	0.0	43.1	0.00	99.98
171.0-172.0	0.1	0.0	43.1	0.00	99.99
172.0-173.0	0.1	0.0	43.1	0.00	99.99
173.0-174.0	0.1	0.0	43.1	0.00	99.99
174.0-175.0	0.1	0.0	43.1	0.00	99.99
175.0-176.0	0.1	0.0	43.1	0.00	100.00
176.0-177.0	0.1	0.0	43.1	0.00	100.00
177.0-178.0	0.1	0.0	43.1	0.00	100.00
178.0-179.0	0.1	0.0	43.1	0.00	100.00
179.0-180.0	0.1	0.0	43.1	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: