

Report No.:

Test Time: 2020/4/29 11:46

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: RBMC65241.0R-140-0.5M

Luminaire Description: RBMC65241.0R-140-0.5M

Luminous Length (mm): 50

Luminous Width (mm): 5

Luminous Height (mm): 1

Voltage: 24.0 V

Current: 0.073 A

Power: 1.74 W

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 59.1 lm

Downward Ratio: 97%

Horizontal Diffuse Angle(10%,50%): H167.5,H124.6

Vertical Diffuse Angle(10%,50%): V192.9,V143.8

Luminaire Efficacy Rating (LER): 34

Max. Intensity: 15.9 cd

Total Rated Lamp Lumens: 59.1 lm

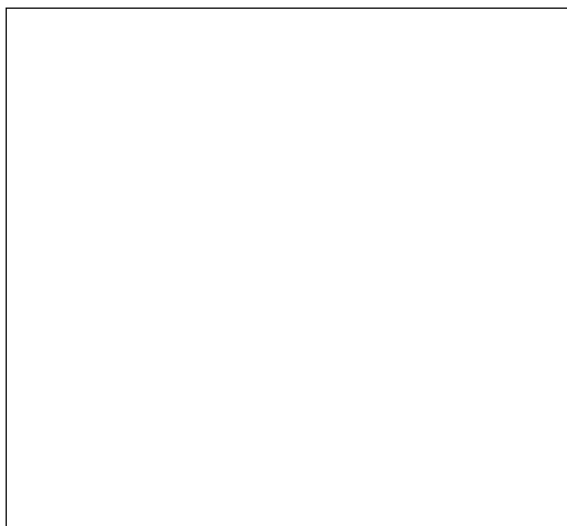
Efficiency: 100%

Upward Ratio: 3%

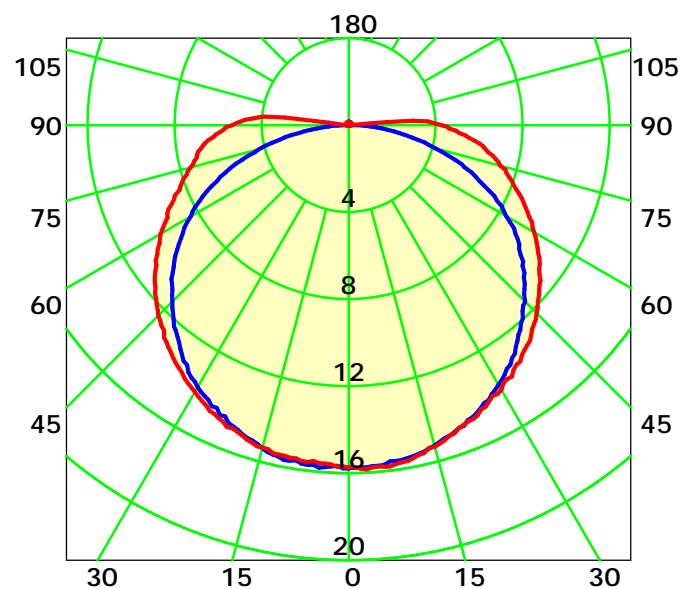
Central Intensity: 15.8 cd

Pos of Max. Intensity: H120 V2

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 134.2° 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

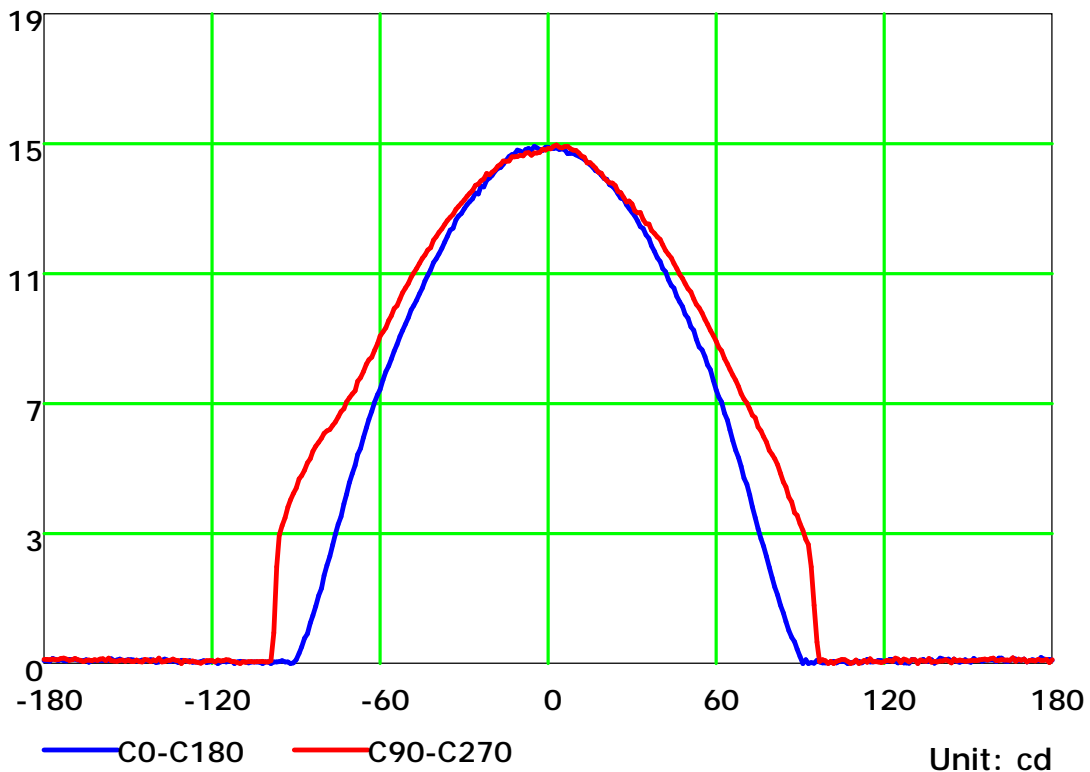
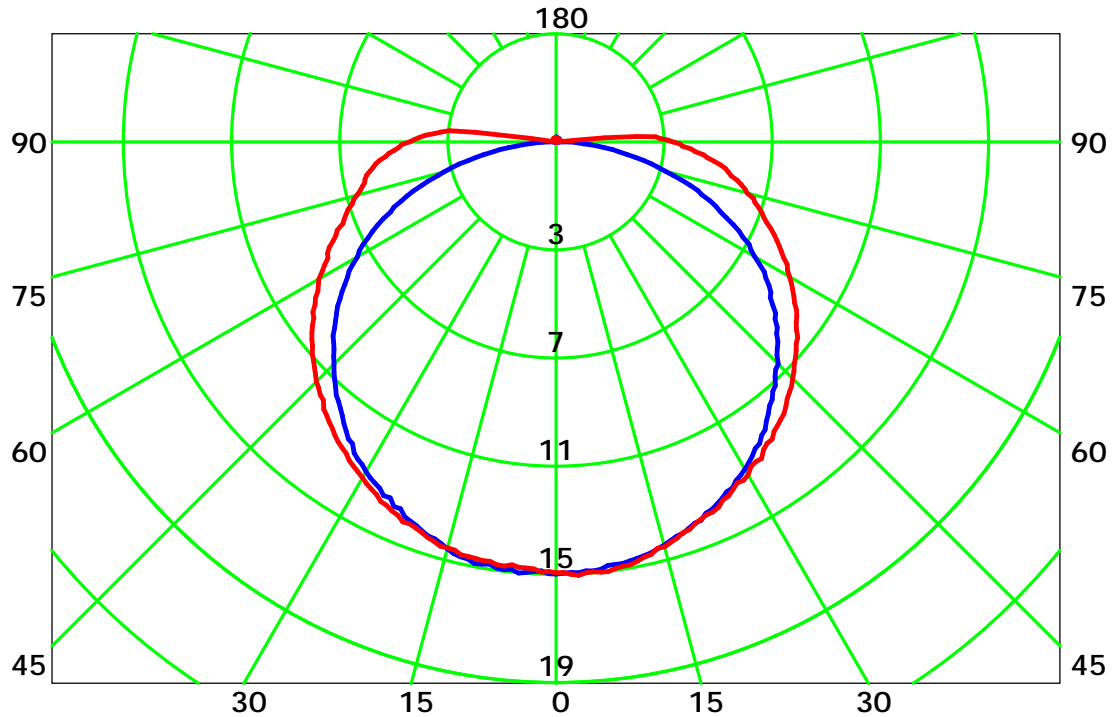
Distance: 9.028 m

Humidity: 60%

Inspector:



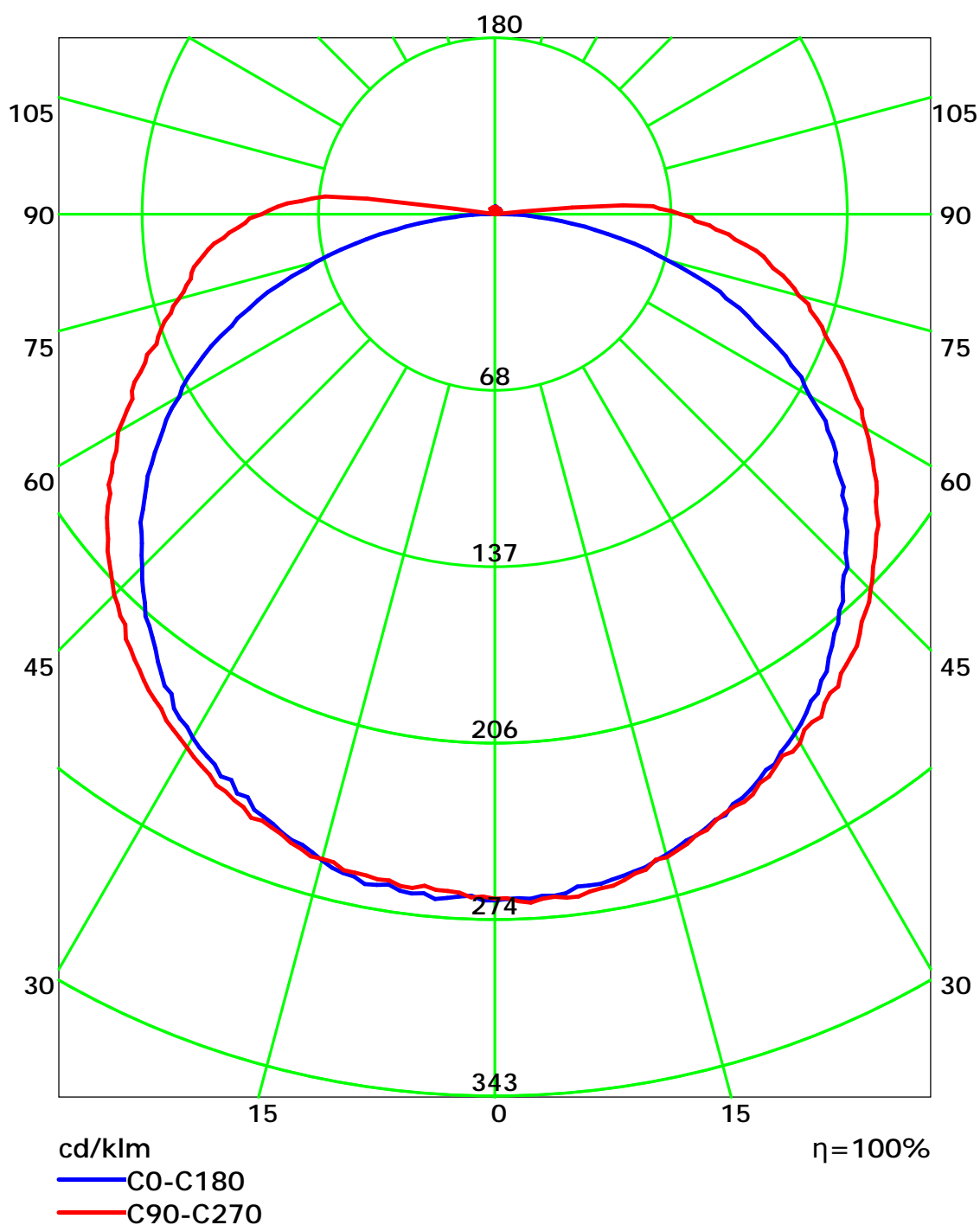
Luminous Intensity Distribution Curve



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:

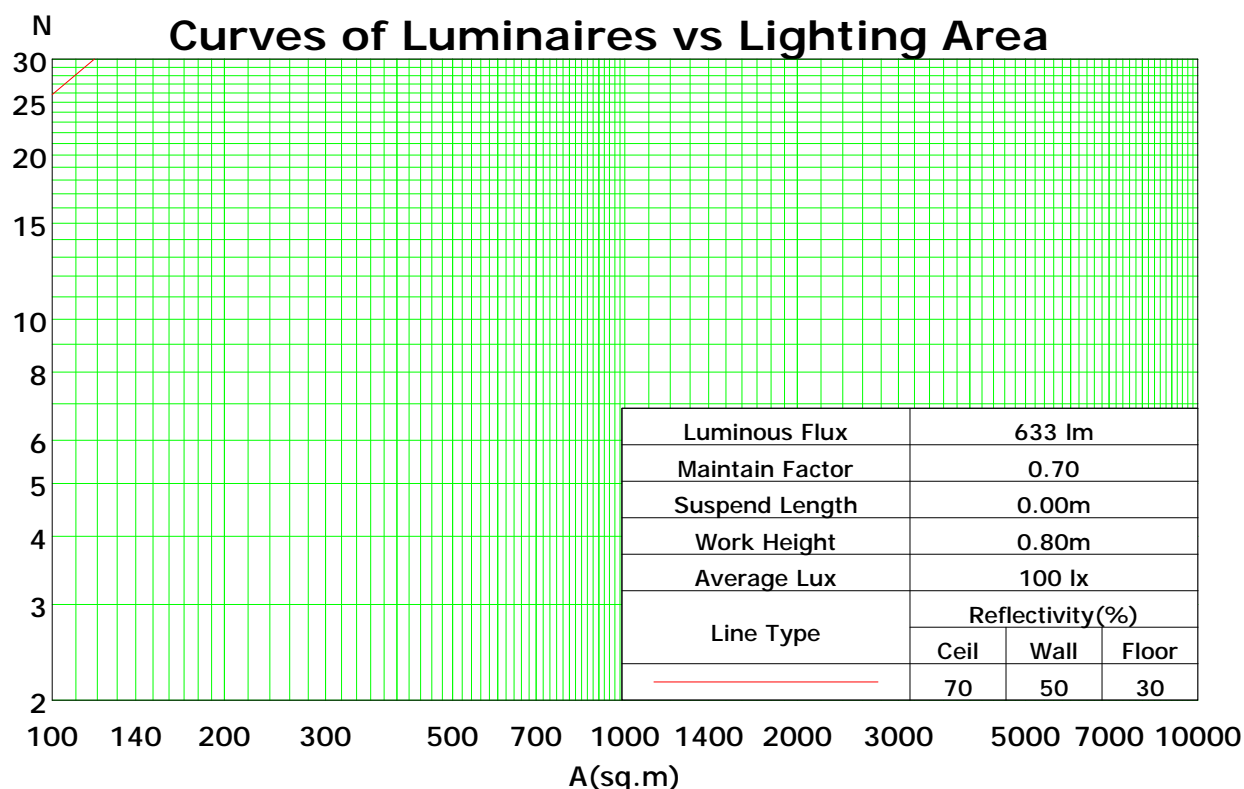
Coefficients Of Utilization - Zonal Cavity Method

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	118	118	118	118	115	115	115	115	109	109	109	104	104	104	99	99	99	97
1	105	99	94	89	102	97	92	87	92	88	84	87	84	81	83	80	78	75
2	94	85	77	70	91	83	75	69	78	72	67	75	69	65	71	67	63	60
3	85	74	64	57	83	72	63	56	68	61	55	65	59	53	62	57	52	50
4	78	65	55	48	75	63	54	47	60	52	46	57	51	45	55	49	44	42
5	71	57	48	40	69	56	47	40	53	45	39	51	44	39	49	43	38	35
6	66	51	42	35	64	50	41	35	48	40	34	46	39	34	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	31	26	24
9	53	39	30	24	51	38	30	24	37	29	24	35	28	24	34	28	23	21
10	49	36	27	22	48	35	27	22	34	27	22	33	26	21	32	25	21	19

Spacing Criteria (0-180): 1.31

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

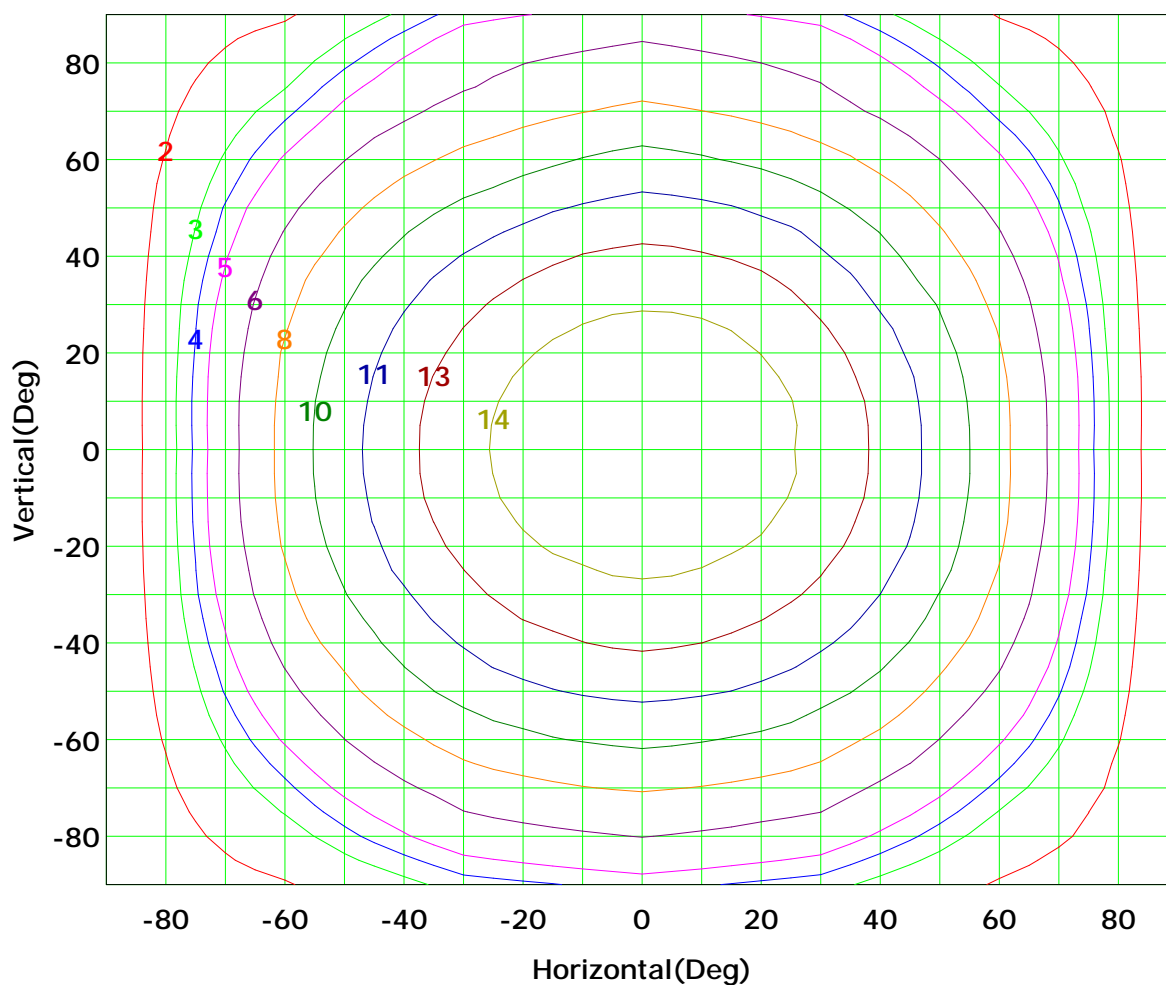
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



Imax (100%): 16 cd

(10%):	2 cd	(20%):	3 cd
(25%):	4 cd	(30%):	5 cd
(40%):	6 cd	(50%):	8 cd
(60%):	10 cd	(70%):	11 cd
(80%):	13 cd	(90%):	14 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

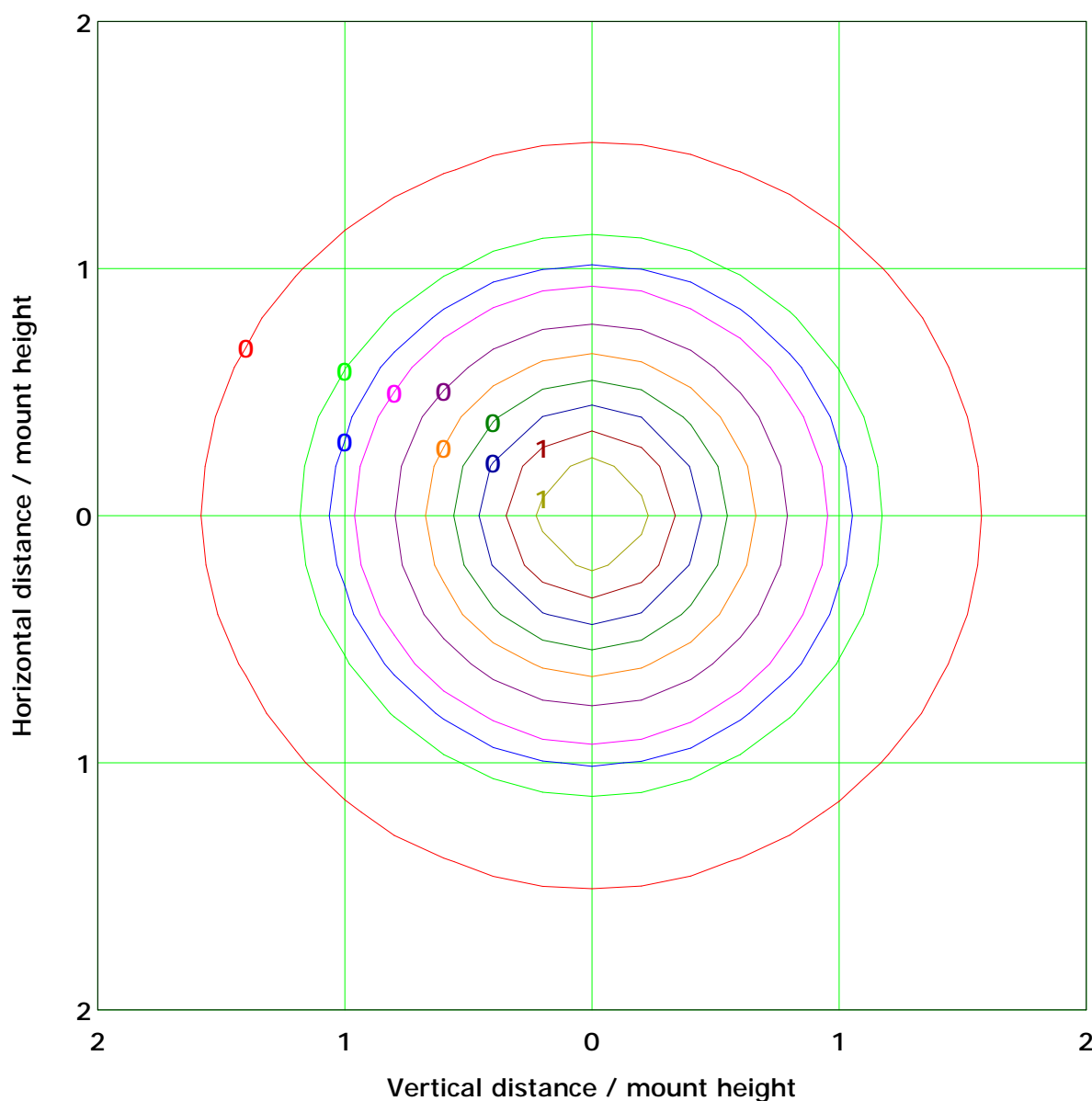
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

IsoLux Plot



Mounting Height: 5.0m Max Lux(100%): 0.6 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%): 0.4 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

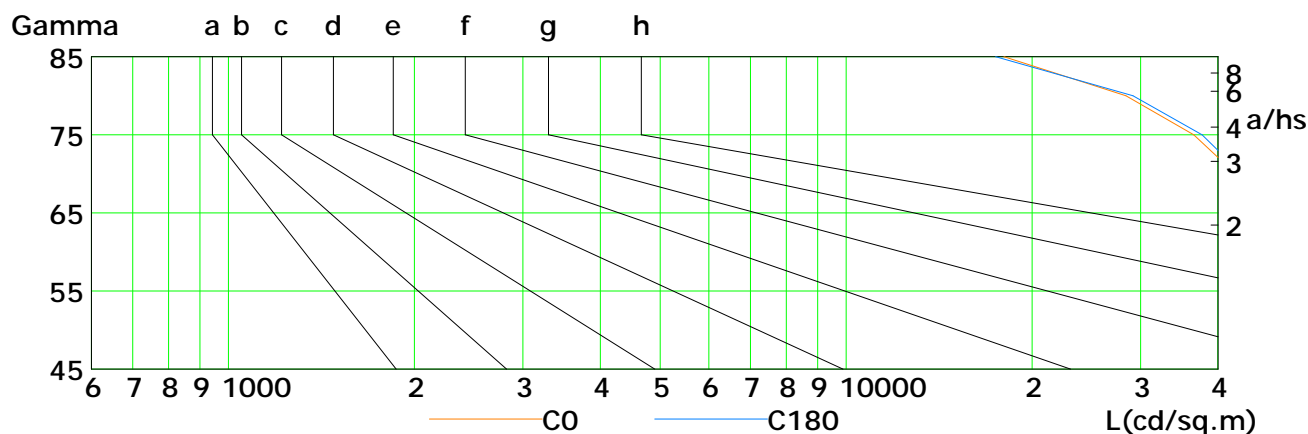
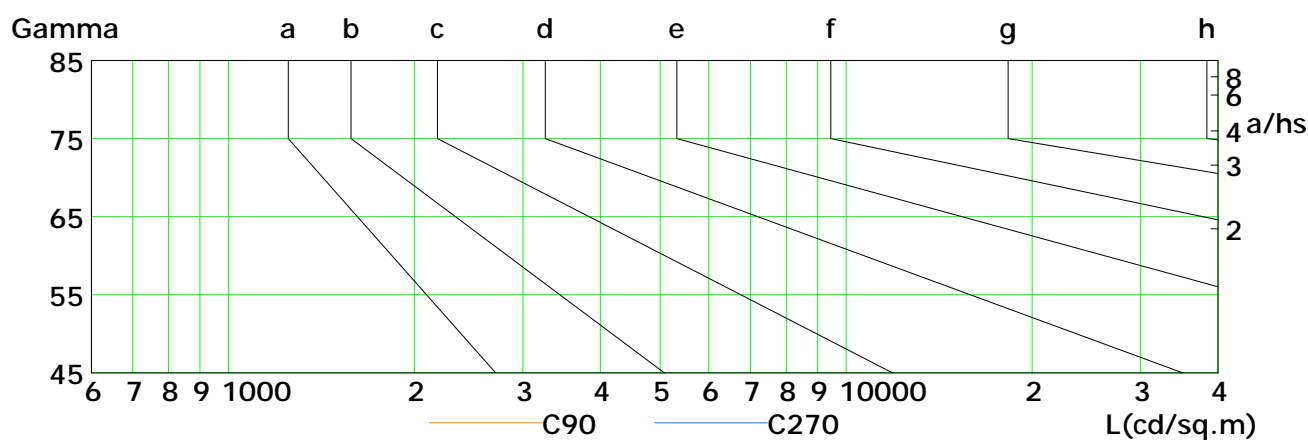
Humidity: 60%

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	54164	53116	52074	49792	47360	42796	36548	28386	18017
C90	67882	69715	72751	76239	81680	89686	104121	132406	202093
C180	54164	53166	51857	49851	47758	43852	37699	29141	17458
C270	68770	70687	73632	77476	83132	91460	108436	145647	234218

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

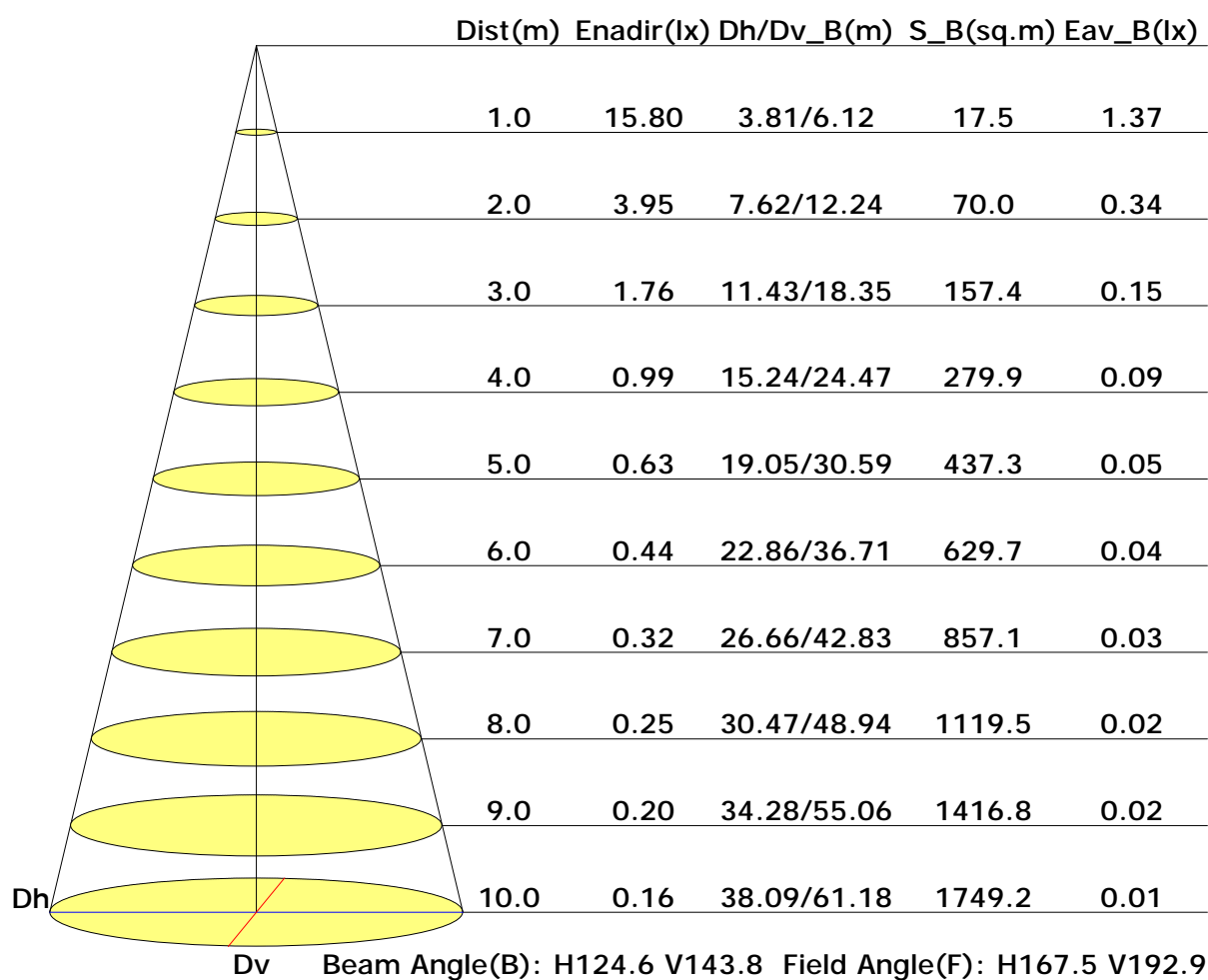
Test Device: GPM-1800B

Distance: 9.028 m

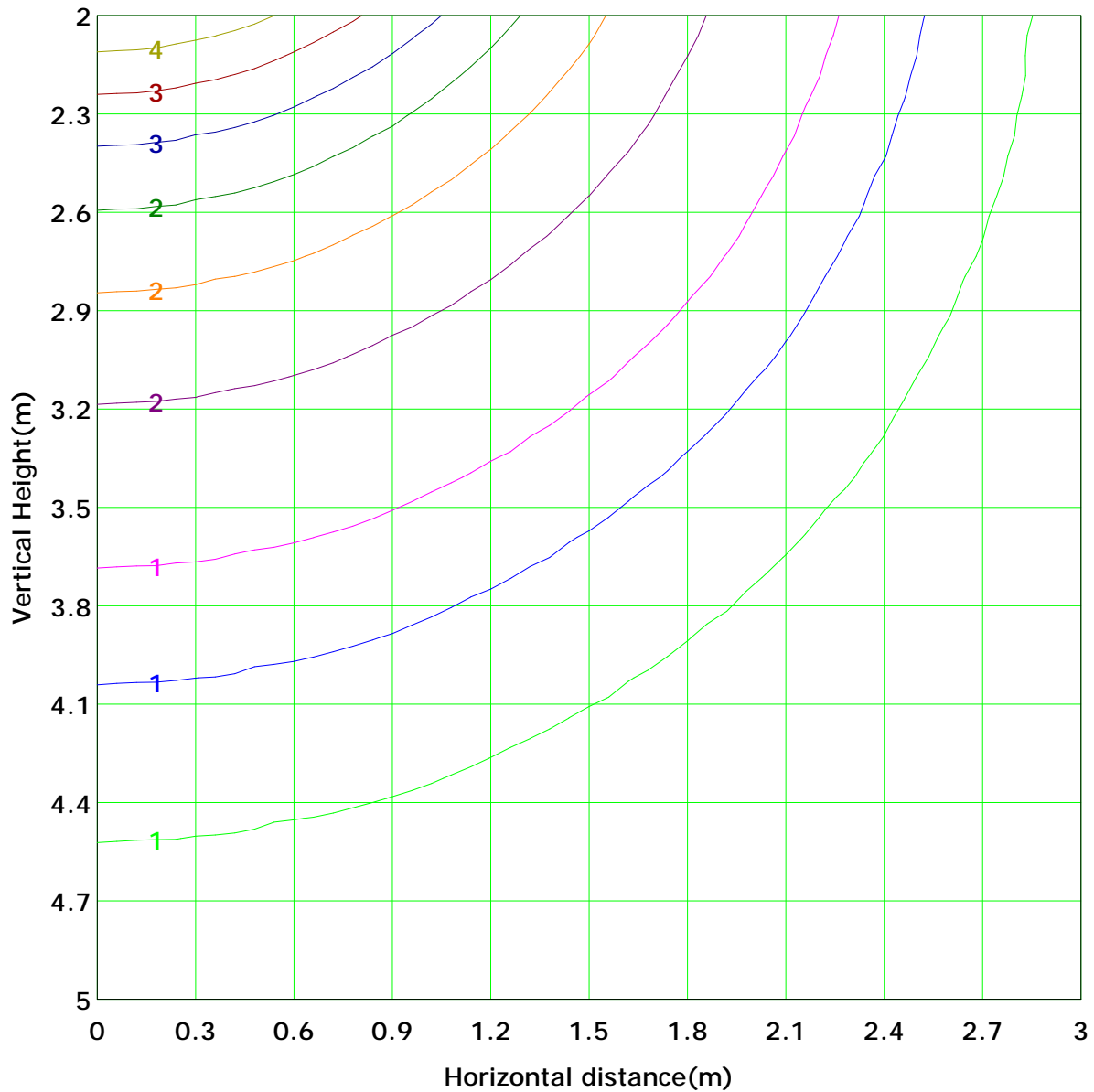
Humidity: 60%

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 4.0 lx
(10%): 0.4 lx	(20%): 0.8 lx	(30%): 1.2 lx
(25%): 1.0 lx	(40%): 1.6 lx	(50%): 2.0 lx
(60%): 2.4 lx	(70%): 2.8 lx	(80%): 3.2 lx
(90%): 3.6 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:

Area Flux Table

Unit: lm

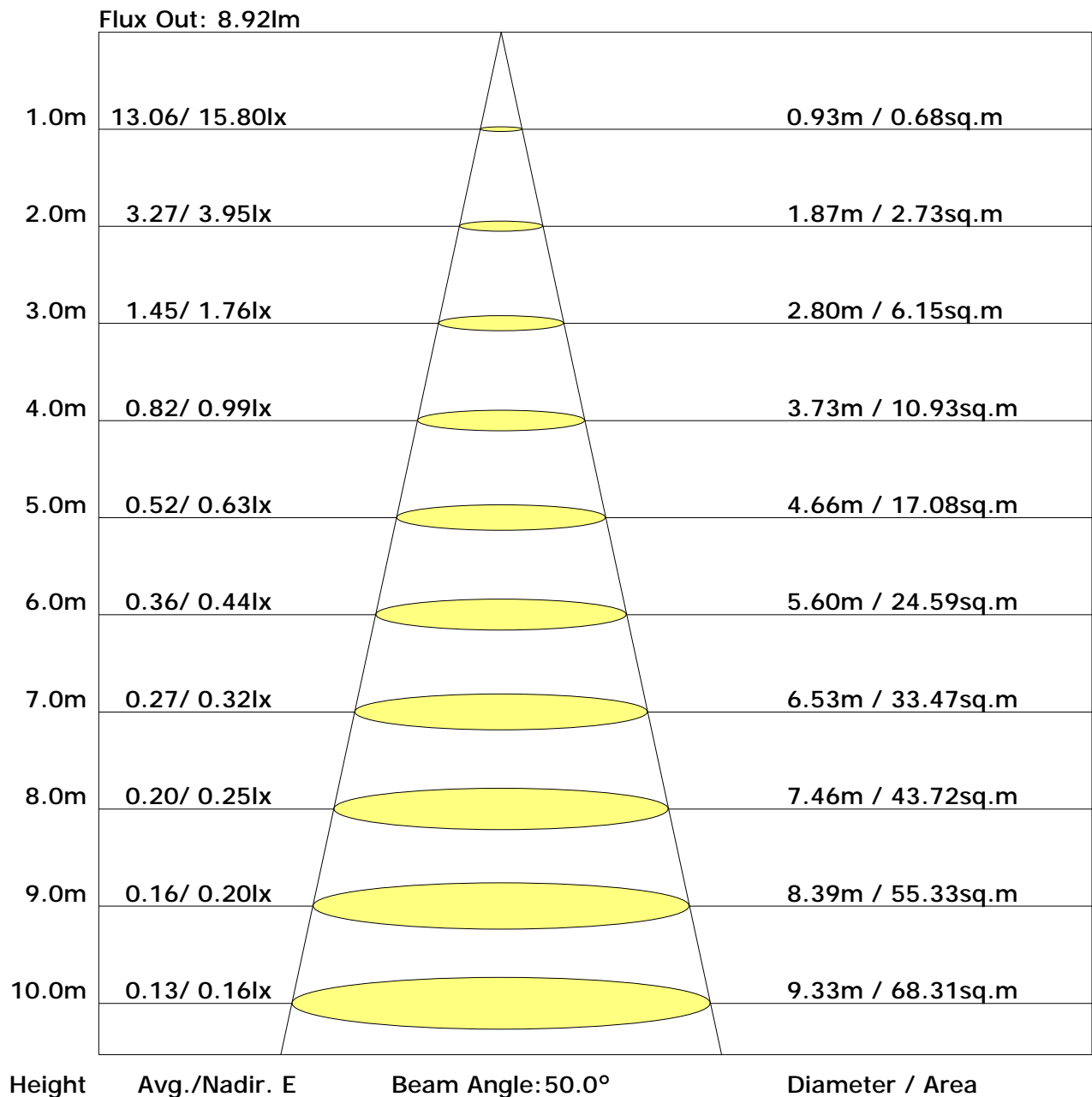
Vertical plane		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
Horizontal plane	-90	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.1	0.0
	-80	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.1	0.0
	-70	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.2	0.1	0.0
	-60	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.2	0.1	0.0
	-50	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.2	0.1	0.0
	-40	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.2	0.1	0.0
	-30	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.2	0.1	0.0
	-20	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.2	0.1	0.0
	-10	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.2	0.1	0.0
	0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.2	0.1	0.0
	10	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.2	0.1	0.0
	20	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.2	0.1	0.0
	30	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.2	0.1	0.0
	40	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.2	0.1	0.0
	50	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.2	0.1	0.0
	60	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.2	0.1	0.0
	70	0.0	0.0	0.0	0.1	0.1	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	0.1	0.0	0.0
	80	0.0	0.0	0.0	0.1	0.1	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	0.1	0.0	0.0
	90	0.1	0.4	1.2	2.1	3.2	4.3	5.2	5.9	6.3	6.3	5.9	5.2	4.3	3.2	2.1	1.2	0.4	0.0	0.1	57	57

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	35.8	37.5	36.2	37.9	38.3	35.9	37.6	36.3	38.0	38.4
3H	37.9	39.5	38.3	39.9	40.3	38.4	39.9	38.8	40.3	40.8
4H	38.7	40.2	39.2	40.6	41.1	39.6	41.0	40.0	41.4	41.9
6H	39.4	40.8	39.8	41.2	41.6	40.7	42.1	41.2	42.5	43.0
8H	39.6	40.9	40.1	41.4	41.8	41.3	42.6	41.7	43.0	43.5
12H	39.8	41.0	40.3	41.5	42.0	41.8	43.1	42.3	43.5	44.0
X=4H Y=2H	36.5	38.0	37.0	38.4	38.9	36.7	38.1	37.1	38.5	39.0
3H	38.9	40.1	39.3	40.6	41.1	39.4	40.6	39.8	41.1	41.5
4H	39.9	41.0	40.3	41.5	42.0	40.7	41.9	41.2	42.3	42.8
6H	40.7	41.7	41.2	42.2	42.7	42.0	43.1	42.5	43.6	44.1
8H	41.0	41.9	41.5	42.4	43.0	42.7	43.7	43.2	44.2	44.7
12H	41.2	42.1	41.7	42.6	43.1	43.3	44.2	43.8	44.7	45.3
X=8H Y=4H	40.4	41.4	40.9	41.9	42.4	41.1	42.1	41.6	42.6	43.1
6H	41.4	42.2	41.9	42.8	43.3	42.7	43.5	43.2	44.1	44.6
8H	41.8	42.6	42.3	43.1	43.6	43.5	44.2	44.0	44.8	45.3
12H	42.2	42.8	42.7	43.4	44.0	44.3	45.0	44.8	45.5	46.1
X=12H Y=4H	40.6	41.4	41.1	42.0	42.5	41.2	42.1	41.7	42.6	43.1
6H	41.6	42.4	42.2	42.9	43.5	42.8	43.6	43.4	44.1	44.7
8H	42.1	42.8	42.7	43.3	44.0	43.7	44.4	44.2	44.9	45.5

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	0.53	0.60	0.66	0.74	0.80	0.84	0.90	0.94	
	0.20		0.39	0.46	0.54	0.60	0.68	0.74	0.79	0.85	0.90	
0.50	0.50	0.20	0.51	0.59	0.66	0.70	0.77	0.82	0.86	0.90	0.94	
	0.30		0.44	0.51	0.58	0.64	0.71	0.77	0.81	0.86	0.90	
	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	0.82	0.86	0.89	
	0.30		0.43	0.50	0.57	0.62	0.69	0.74	0.77	0.83	0.86	
	0.20		0.38	0.45	0.52	0.57	0.64	0.70	0.74	0.79	0.83	
0.00	0.00	0.00	0.35	0.42	0.49	0.53	0.60	0.65	0.69	0.74	0.78	
Rating: 2W 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	1.04	0.90	0.78	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	0.47	0.41	0.36	0.30	0.25	
0.50	0.50	0.20	1.00	0.86	0.74	0.66	0.54	0.49	0.40	0.32	0.27	
	0.30		0.85	0.75	0.66	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	0.97	0.83	0.71	0.63	0.52	0.44	0.38	0.31	0.25	
	0.30		0.82	0.73	0.64	0.57	0.48	0.41	0.36	0.29	0.25	
	0.20		0.72	0.65	0.58	0.52	0.44	0.38	0.34	0.28	0.24	
0.00	0.00	0.00	0.62	0.56	0.49	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												

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	0.21	0.22	0.23	0.24	0.24	0.24	0.25	0.25
	0.30		0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.22
	0.20		0.07	0.09	0.10	0.11	0.13	0.15	0.16	0.18	0.19
0.50	0.50	0.20	0.19	0.20	0.21	0.22	0.23	0.23	0.24	0.24	0.24
	0.30		0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21
	0.20		0.07	0.09	0.10	0.11	0.13	0.14	0.16	0.17	0.18
0.30	0.50	0.20	0.18	0.20	0.20	0.21	0.22	0.22	0.23	0.23	0.23
	0.30		0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.20	0.20
	0.20		0.07	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											

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	15.8	0.0	0.0	0.03	0.03
1.0-2.0	15.8	0.0	0.1	0.08	0.10
2.0-3.0	15.8	0.1	0.1	0.13	0.23
3.0-4.0	15.7	0.1	0.2	0.18	0.41
4.0-5.0	15.7	0.1	0.4	0.23	0.64
5.0-6.0	15.7	0.2	0.5	0.28	0.92
6.0-7.0	15.7	0.2	0.7	0.33	1.25
7.0-8.0	15.7	0.2	1.0	0.38	1.63
8.0-9.0	15.7	0.3	1.2	0.43	2.06
9.0-10.0	15.6	0.3	1.5	0.48	2.53
10.0-11.0	15.6	0.3	1.8	0.53	3.06
11.0-12.0	15.6	0.3	2.2	0.58	3.64
12.0-13.0	15.5	0.4	2.5	0.62	4.26
13.0-14.0	15.5	0.4	2.9	0.67	4.93
14.0-15.0	15.4	0.4	3.3	0.71	5.64
15.0-16.0	15.3	0.4	3.8	0.76	6.40
16.0-17.0	15.2	0.5	4.3	0.80	7.20
17.0-18.0	15.2	0.5	4.8	0.85	8.05
18.0-19.0	15.1	0.5	5.3	0.89	8.94
19.0-20.0	15.0	0.5	5.8	0.93	9.87
20.0-21.0	14.9	0.6	6.4	0.97	10.84
21.0-22.0	14.8	0.6	7.0	1.01	11.84
22.0-23.0	14.7	0.6	7.6	1.05	12.89
23.0-24.0	14.6	0.6	8.3	1.08	13.97
24.0-25.0	14.5	0.7	8.9	1.12	15.09
25.0-26.0	14.5	0.7	9.6	1.15	16.24
26.0-27.0	14.3	0.7	10.3	1.19	17.43
27.0-28.0	14.2	0.7	11.0	1.22	18.65
28.0-29.0	14.1	0.7	11.8	1.25	19.90
29.0-30.0	14.0	0.8	12.5	1.28	21.18
30.0-31.0	13.9	0.8	13.3	1.31	22.49
31.0-32.0	13.8	0.8	14.1	1.33	23.82
32.0-33.0	13.7	0.8	14.9	1.36	25.18
33.0-34.0	13.5	0.8	15.7	1.39	26.57
34.0-35.0	13.4	0.8	16.5	1.41	27.98
35.0-36.0	13.3	0.8	17.4	1.43	29.41

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	13.2	0.9	18.2	1.45	30.86
37.0-38.0	13.0	0.9	19.1	1.47	32.33
38.0-39.0	12.9	0.9	20.0	1.48	33.81
39.0-40.0	12.7	0.9	20.9	1.50	35.31
40.0-41.0	12.6	0.9	21.8	1.51	36.83
41.0-42.0	12.4	0.9	22.7	1.53	38.35
42.0-43.0	12.2	0.9	23.6	1.53	39.89
43.0-44.0	12.1	0.9	24.5	1.54	41.43
44.0-45.0	11.9	0.9	25.4	1.55	42.98
45.0-46.0	11.8	0.9	26.3	1.56	44.54
46.0-47.0	11.6	0.9	27.3	1.56	46.11
47.0-48.0	11.4	0.9	28.2	1.56	47.67
48.0-49.0	11.2	0.9	29.1	1.56	49.23
49.0-50.0	11.1	0.9	30.0	1.56	50.80
50.0-51.0	10.9	0.9	31.0	1.56	52.36
51.0-52.0	10.7	0.9	31.9	1.56	53.92
52.0-53.0	10.6	0.9	32.8	1.55	55.47
53.0-54.0	10.4	0.9	33.7	1.54	57.02
54.0-55.0	10.2	0.9	34.6	1.54	58.55
55.0-56.0	10.0	0.9	35.5	1.53	60.08
56.0-57.0	9.8	0.9	36.4	1.52	61.60
57.0-58.0	9.6	0.9	37.3	1.50	63.10
58.0-59.0	9.4	0.9	38.2	1.49	64.59
59.0-60.0	9.2	0.9	39.1	1.47	66.06
60.0-61.0	9.0	0.9	39.9	1.45	67.51
61.0-62.0	8.8	0.8	40.8	1.43	68.95
62.0-63.0	8.6	0.8	41.6	1.41	70.36
63.0-64.0	8.4	0.8	42.4	1.39	71.75
64.0-65.0	8.2	0.8	43.2	1.37	73.12
65.0-66.0	8.0	0.8	44.0	1.34	74.47
66.0-67.0	7.7	0.8	44.8	1.32	75.78
67.0-68.0	7.5	0.8	45.6	1.29	77.07
68.0-69.0	7.3	0.7	46.3	1.26	78.33
69.0-70.0	7.1	0.7	47.0	1.23	79.56
70.0-71.0	6.9	0.7	47.8	1.20	80.77
71.0-72.0	6.7	0.7	48.4	1.17	81.94

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	6.4	0.7	49.1	1.14	83.08
73.0-74.0	6.2	0.7	49.8	1.10	84.18
74.0-75.0	6.0	0.6	50.4	1.07	85.25
75.0-76.0	5.8	0.6	51.0	1.04	86.29
76.0-77.0	5.6	0.6	51.6	1.00	87.29
77.0-78.0	5.4	0.6	52.2	0.97	88.26
78.0-79.0	5.1	0.6	52.7	0.93	89.20
79.0-80.0	4.9	0.5	53.3	0.90	90.10
80.0-81.0	4.7	0.5	53.8	0.87	90.96
81.0-82.0	4.5	0.5	54.3	0.83	91.79
82.0-83.0	4.3	0.5	54.7	0.79	92.59
83.0-84.0	4.1	0.4	55.2	0.75	93.34
84.0-85.0	3.9	0.4	55.6	0.71	94.05
85.0-86.0	3.6	0.4	56.0	0.67	94.73
86.0-87.0	3.4	0.4	56.4	0.63	95.36
87.0-88.0	3.2	0.4	56.7	0.59	95.95
88.0-89.0	3.0	0.3	57.1	0.55	96.51
89.0-90.0	2.8	0.3	57.4	0.51	97.02
90.0-91.0	2.6	0.3	57.6	0.47	97.49
91.0-92.0	2.4	0.3	57.9	0.44	97.93
92.0-93.0	2.1	0.2	58.1	0.39	98.32
93.0-94.0	1.8	0.2	58.3	0.33	98.65
94.0-95.0	1.4	0.2	58.5	0.26	98.91
95.0-96.0	1.1	0.1	58.6	0.19	99.11
96.0-97.0	0.7	0.1	58.7	0.13	99.23
97.0-98.0	0.3	0.0	58.7	0.05	99.29
98.0-99.0	0.1	0.0	58.7	0.02	99.31
99.0-100.0	0.1	0.0	58.7	0.01	99.31
100.0-101.0	0.1	0.0	58.7	0.01	99.32
101.0-102.0	0.1	0.0	58.7	0.01	99.33
102.0-103.0	0.0	0.0	58.7	0.01	99.34
103.0-104.0	0.1	0.0	58.7	0.01	99.35
104.0-105.0	0.1	0.0	58.8	0.01	99.36
105.0-106.0	0.1	0.0	58.8	0.01	99.38
106.0-107.0	0.1	0.0	58.8	0.01	99.39
107.0-108.0	0.0	0.0	58.8	0.01	99.40

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	58.8	0.01	99.41
109.0-110.0	0.1	0.0	58.8	0.01	99.42
110.0-111.0	0.1	0.0	58.8	0.01	99.43
111.0-112.0	0.1	0.0	58.8	0.01	99.44
112.0-113.0	0.1	0.0	58.8	0.01	99.45
113.0-114.0	0.1	0.0	58.8	0.01	99.46
114.0-115.0	0.1	0.0	58.8	0.01	99.48
115.0-116.0	0.1	0.0	58.8	0.01	99.49
116.0-117.0	0.1	0.0	58.8	0.01	99.50
117.0-118.0	0.1	0.0	58.8	0.01	99.51
118.0-119.0	0.1	0.0	58.8	0.01	99.52
119.0-120.0	0.1	0.0	58.9	0.01	99.54
120.0-121.0	0.1	0.0	58.9	0.01	99.55
121.0-122.0	0.1	0.0	58.9	0.01	99.56
122.0-123.0	0.1	0.0	58.9	0.01	99.57
123.0-124.0	0.1	0.0	58.9	0.01	99.58
124.0-125.0	0.1	0.0	58.9	0.01	99.59
125.0-126.0	0.1	0.0	58.9	0.01	99.60
126.0-127.0	0.1	0.0	58.9	0.01	99.61
127.0-128.0	0.1	0.0	58.9	0.01	99.62
128.0-129.0	0.1	0.0	58.9	0.01	99.63
129.0-130.0	0.1	0.0	58.9	0.01	99.64
130.0-131.0	0.1	0.0	58.9	0.01	99.66
131.0-132.0	0.1	0.0	58.9	0.01	99.67
132.0-133.0	0.1	0.0	58.9	0.01	99.68
133.0-134.0	0.1	0.0	58.9	0.01	99.69
134.0-135.0	0.1	0.0	59.0	0.01	99.70
135.0-136.0	0.1	0.0	59.0	0.01	99.71
136.0-137.0	0.1	0.0	59.0	0.01	99.72
137.0-138.0	0.1	0.0	59.0	0.01	99.73
138.0-139.0	0.1	0.0	59.0	0.01	99.74
139.0-140.0	0.1	0.0	59.0	0.01	99.75
140.0-141.0	0.1	0.0	59.0	0.01	99.77
141.0-142.0	0.1	0.0	59.0	0.01	99.78
142.0-143.0	0.1	0.0	59.0	0.01	99.79
143.0-144.0	0.1	0.0	59.0	0.01	99.80

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	59.0	0.01	99.81
145.0-146.0	0.1	0.0	59.0	0.01	99.82
146.0-147.0	0.1	0.0	59.0	0.01	99.83
147.0-148.0	0.1	0.0	59.0	0.01	99.83
148.0-149.0	0.1	0.0	59.0	0.01	99.84
149.0-150.0	0.1	0.0	59.0	0.01	99.85
150.0-151.0	0.1	0.0	59.0	0.01	99.86
151.0-152.0	0.1	0.0	59.1	0.01	99.87
152.0-153.0	0.1	0.0	59.1	0.01	99.88
153.0-154.0	0.1	0.0	59.1	0.01	99.89
154.0-155.0	0.1	0.0	59.1	0.01	99.89
155.0-156.0	0.1	0.0	59.1	0.01	99.90
156.0-157.0	0.1	0.0	59.1	0.01	99.91
157.0-158.0	0.1	0.0	59.1	0.01	99.92
158.0-159.0	0.1	0.0	59.1	0.01	99.93
159.0-160.0	0.1	0.0	59.1	0.01	99.93
160.0-161.0	0.1	0.0	59.1	0.01	99.94
161.0-162.0	0.1	0.0	59.1	0.01	99.94
162.0-163.0	0.1	0.0	59.1	0.01	99.95
163.0-164.0	0.1	0.0	59.1	0.01	99.96
164.0-165.0	0.1	0.0	59.1	0.00	99.96
165.0-166.0	0.1	0.0	59.1	0.00	99.96
166.0-167.0	0.1	0.0	59.1	0.00	99.97
167.0-168.0	0.1	0.0	59.1	0.00	99.97
168.0-169.0	0.1	0.0	59.1	0.00	99.98
169.0-170.0	0.1	0.0	59.1	0.00	99.98
170.0-171.0	0.1	0.0	59.1	0.00	99.99
171.0-172.0	0.1	0.0	59.1	0.00	99.99
172.0-173.0	0.1	0.0	59.1	0.00	99.99
173.0-174.0	0.1	0.0	59.1	0.00	99.99
174.0-175.0	0.1	0.0	59.1	0.00	100.00
175.0-176.0	0.1	0.0	59.1	0.00	100.00
176.0-177.0	0.1	0.0	59.1	0.00	100.00
177.0-178.0	0.1	0.0	59.1	0.00	100.00
178.0-179.0	0.1	0.0	59.1	0.00	100.00
179.0-180.0	0.1	0.0	59.1	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: