

Report No.:

Test Time: 2020/4/29 11:30

Luminaire Property

Luminaire Manufacturer:

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

Luminaire Description: RBMC65241.0B-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: 27.7 lm

Downward Ratio: 97%

Horizontal Diffuse Angle(10%,50%): H169.5,H132

Vertical Diffuse Angle(10%,50%): V192.4,V158.7

Luminaire Efficacy Rating (LER): 16

Max. Intensity: 6.58 cd

Total Rated Lamp Lumens: 27.7 lm

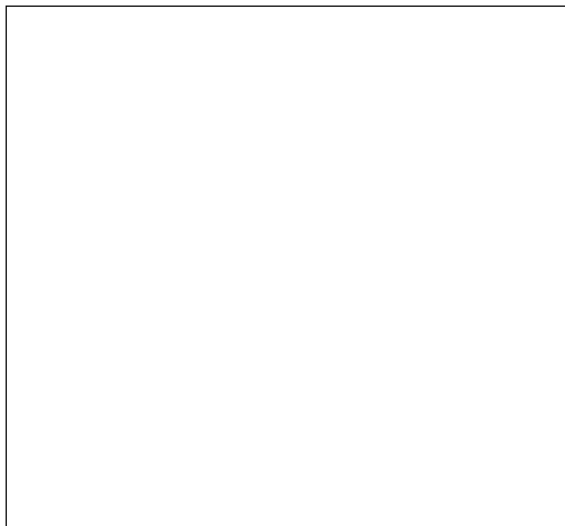
Efficiency: 100%

Upward Ratio: 3%

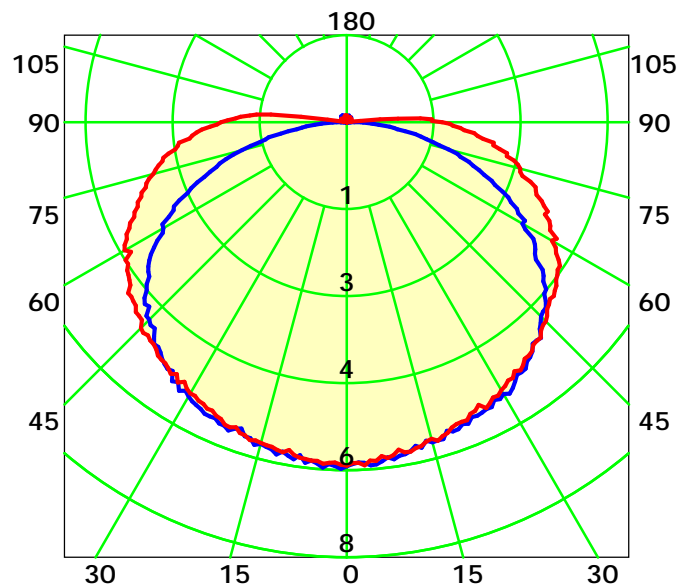
Central Intensity: 6.53 cd

Pos of Max. Intensity: H180 V1

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 145.3°

— 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

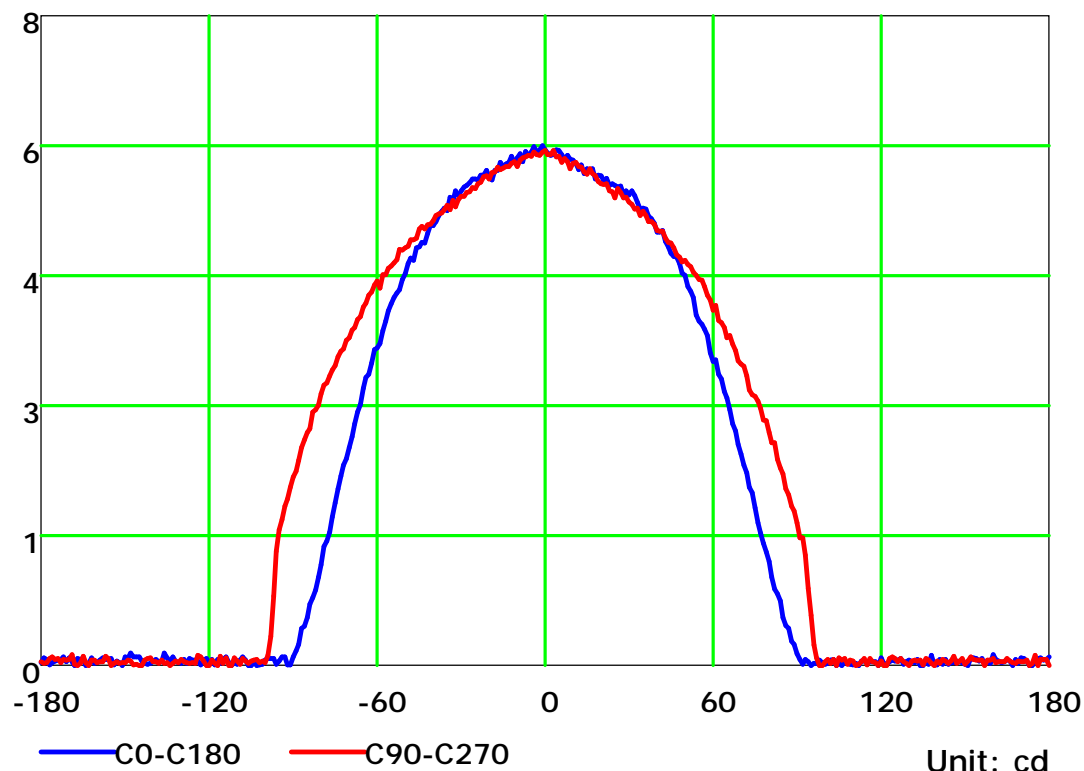
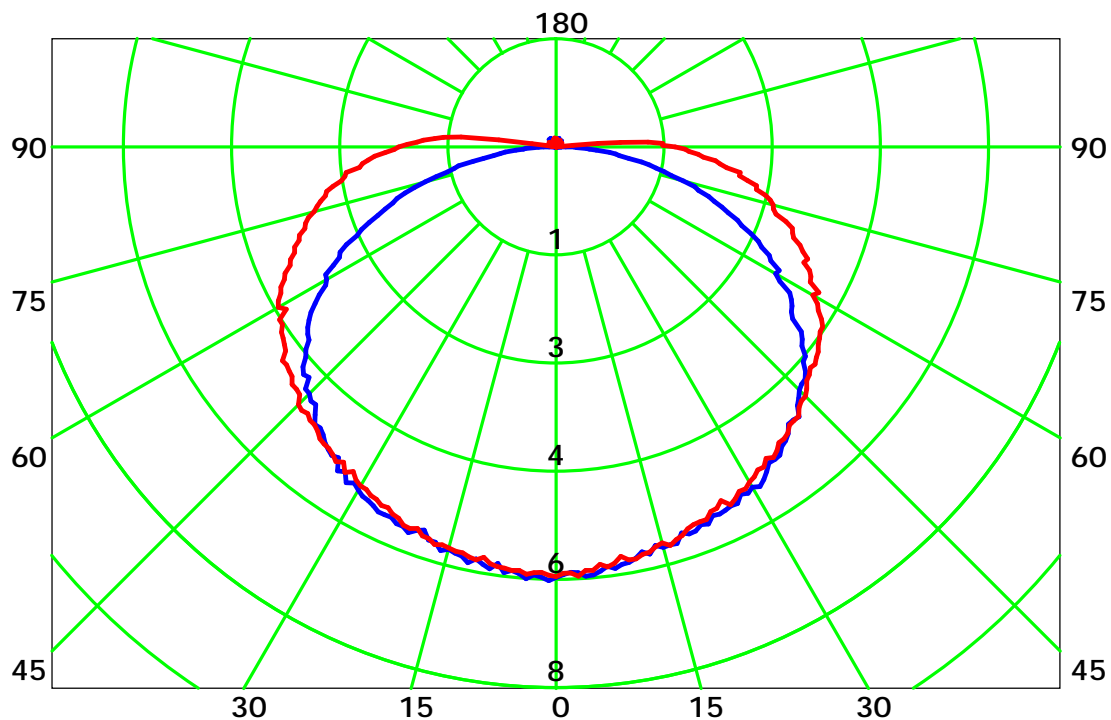
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

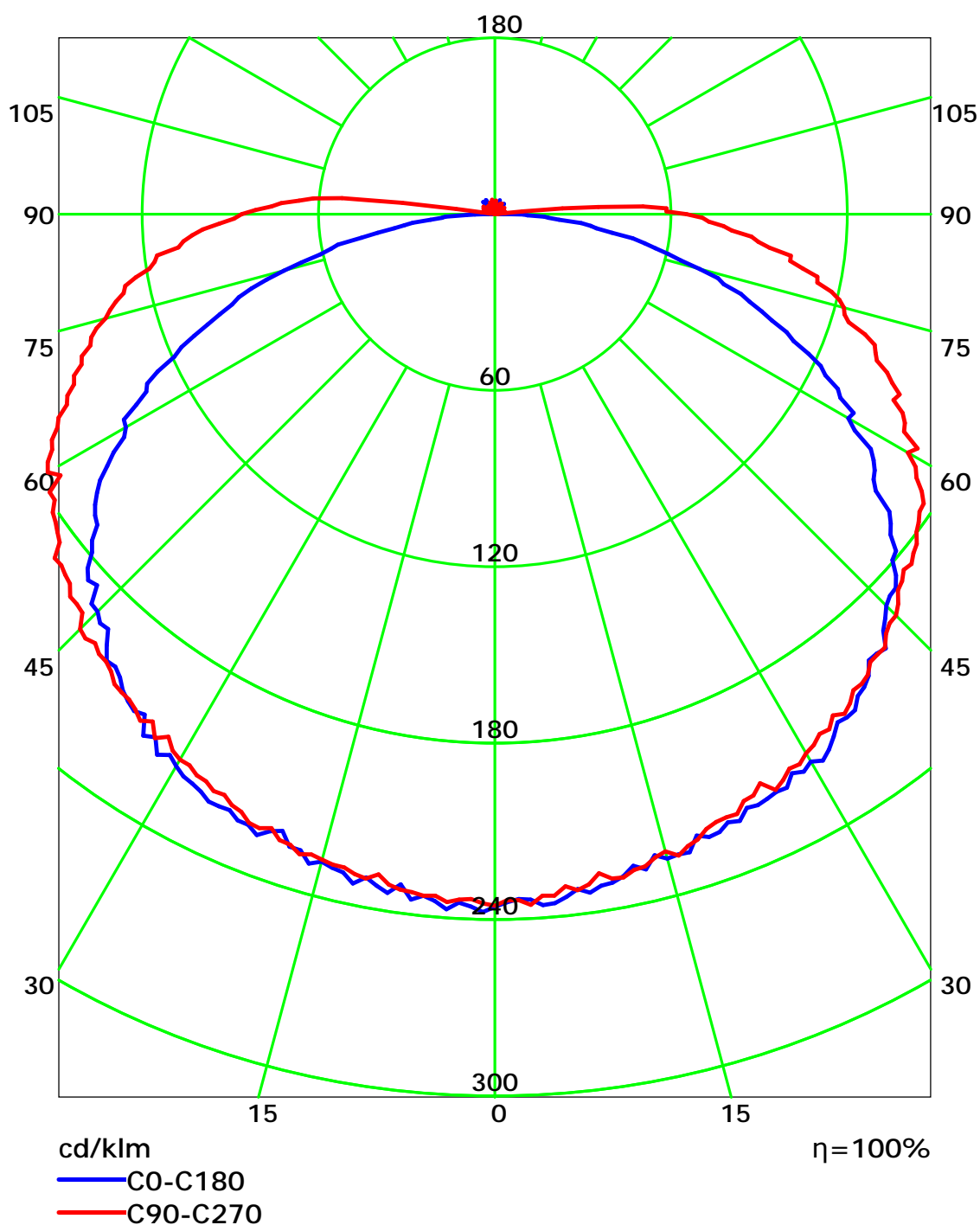
Luminous Intensity Distribution Curve



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:

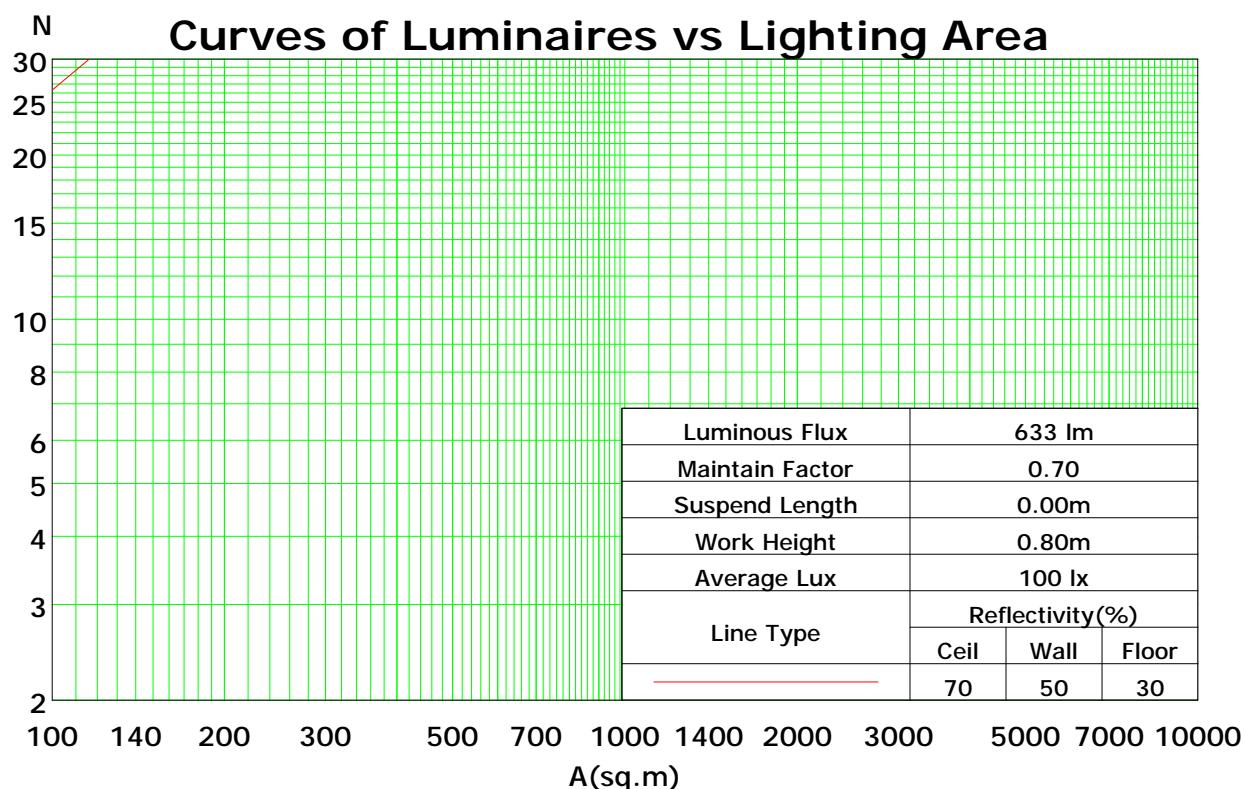
Coefficients Of Utilization - Zonal Cavity Method

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	104	98	92	87	101	95	90	86	90	86	82	86	82	79	81	79	76	73
2	93	83	75	68	90	81	73	67	77	70	65	73	67	63	69	65	61	58
3	84	72	62	55	81	70	61	54	66	59	52	63	56	51	60	54	50	47
4	76	63	53	45	74	61	52	45	58	50	44	55	48	43	53	47	42	39
5	70	56	46	38	67	54	45	38	52	43	37	49	42	36	47	41	35	33
6	64	50	40	33	62	48	39	32	46	38	32	44	37	31	42	36	31	28
7	59	45	35	29	57	44	35	28	42	34	28	40	33	27	38	32	27	25
8	55	41	31	25	53	40	31	25	38	30	25	37	29	24	35	29	24	22
9	51	37	28	22	50	36	28	22	35	27	22	34	27	22	32	26	21	19
10	48	34	26	20	47	33	25	20	32	25	20	31	24	20	30	24	19	17

Spacing Criteria (0-180): 1.37

Spacing Criteria (90-270): 1.35

Spacing Criteria (Diagonal): 1.54



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

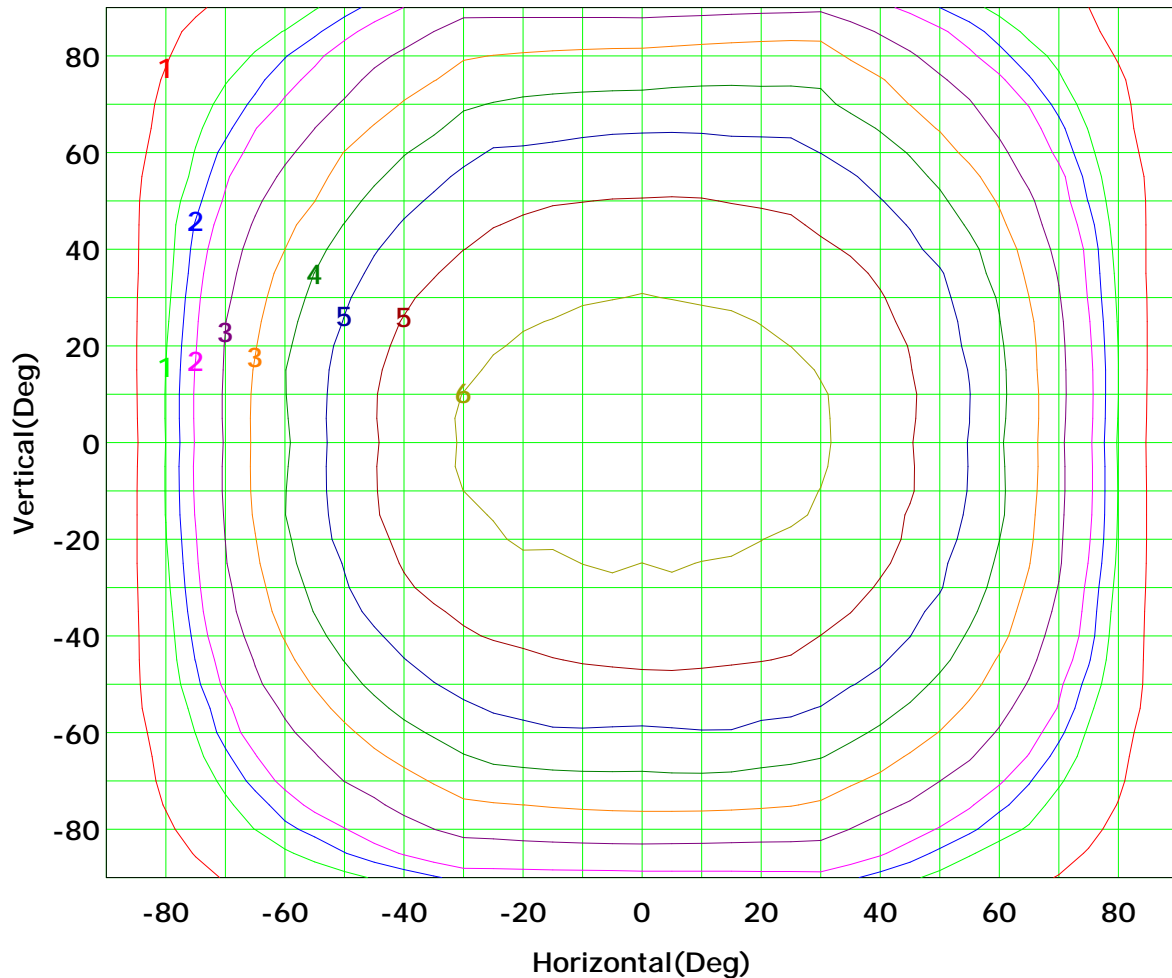
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



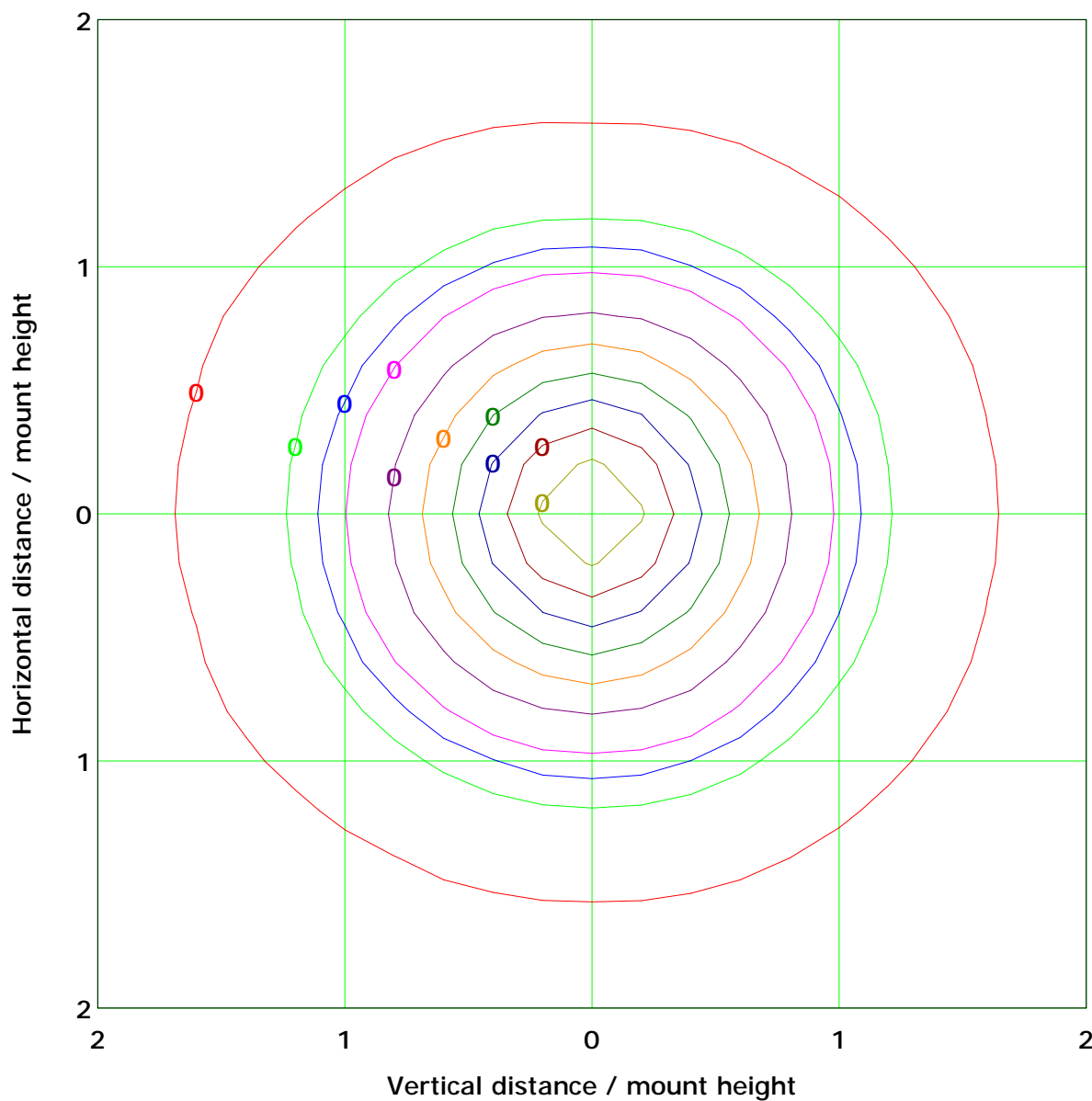
I_{max} (100%): 7 cd

(10%):	1 cd	(20%):	1 cd
(25%):	2 cd	(30%):	2 cd
(40%):	3 cd	(50%):	3 cd
(60%):	4 cd	(70%):	5 cd
(80%):	5 cd	(90%):	6 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%): 0.3 lx

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

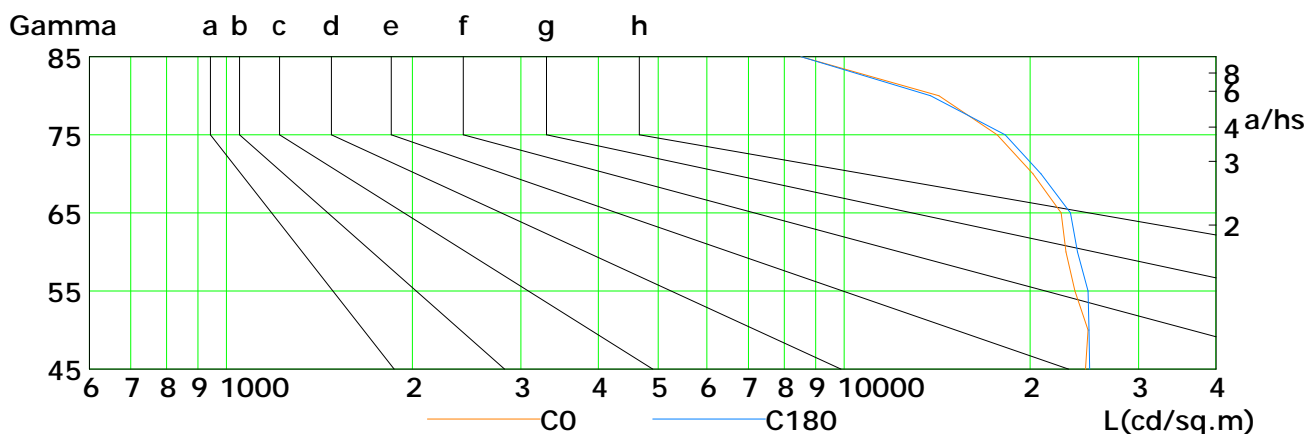
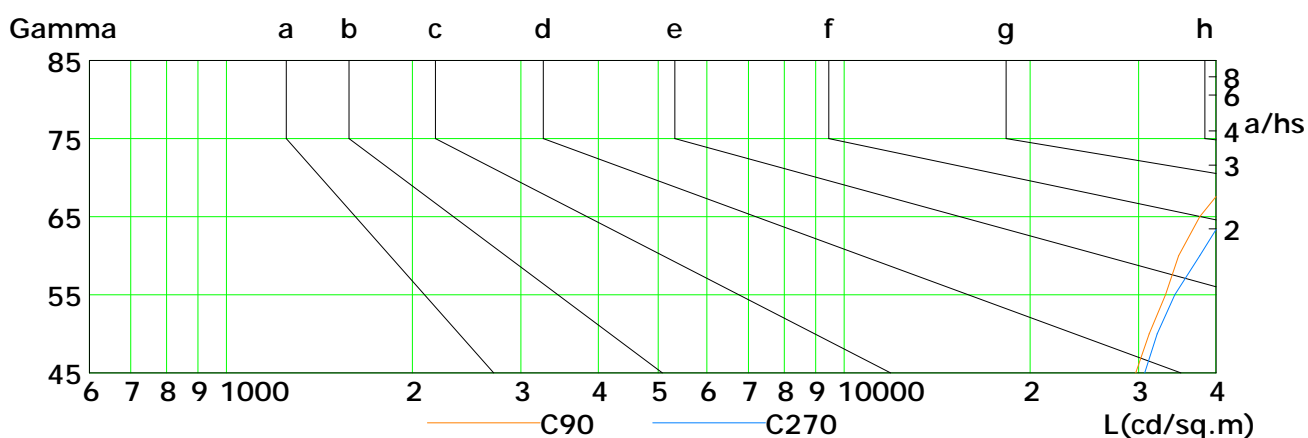
Humidity: 60%

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	24607	24824	23650	22876	22455	20228	17699	14247	8520
C90	29671	31180	33155	34795	37664	42349	49040	61031	90774
C180	24984	24925	24844	23886	23250	20832	18230	13815	8520
C270	30669	32153	34307	37656	41203	46007	54649	71168	110198

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

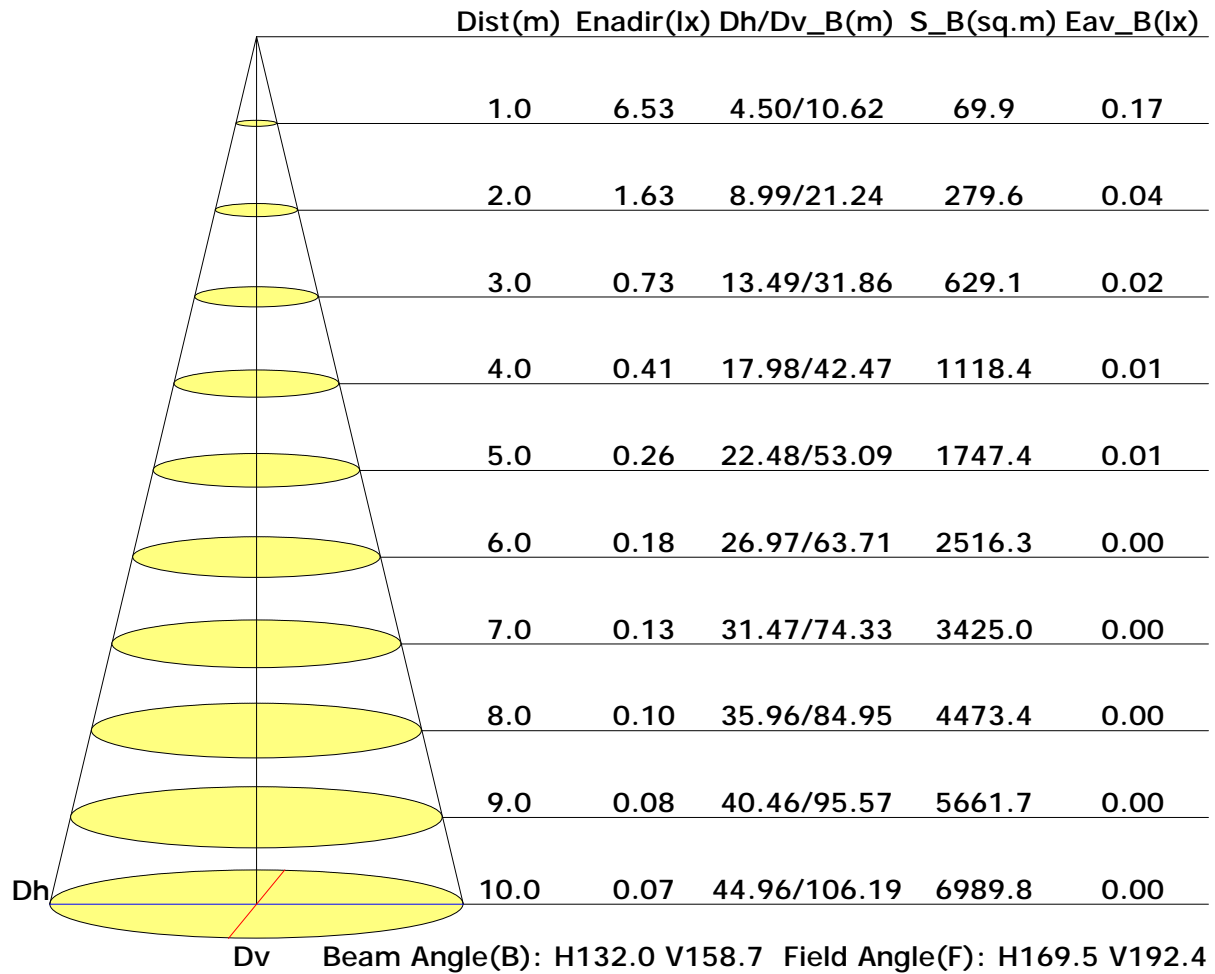
Distance: 9.028 m

Humidity: 60%

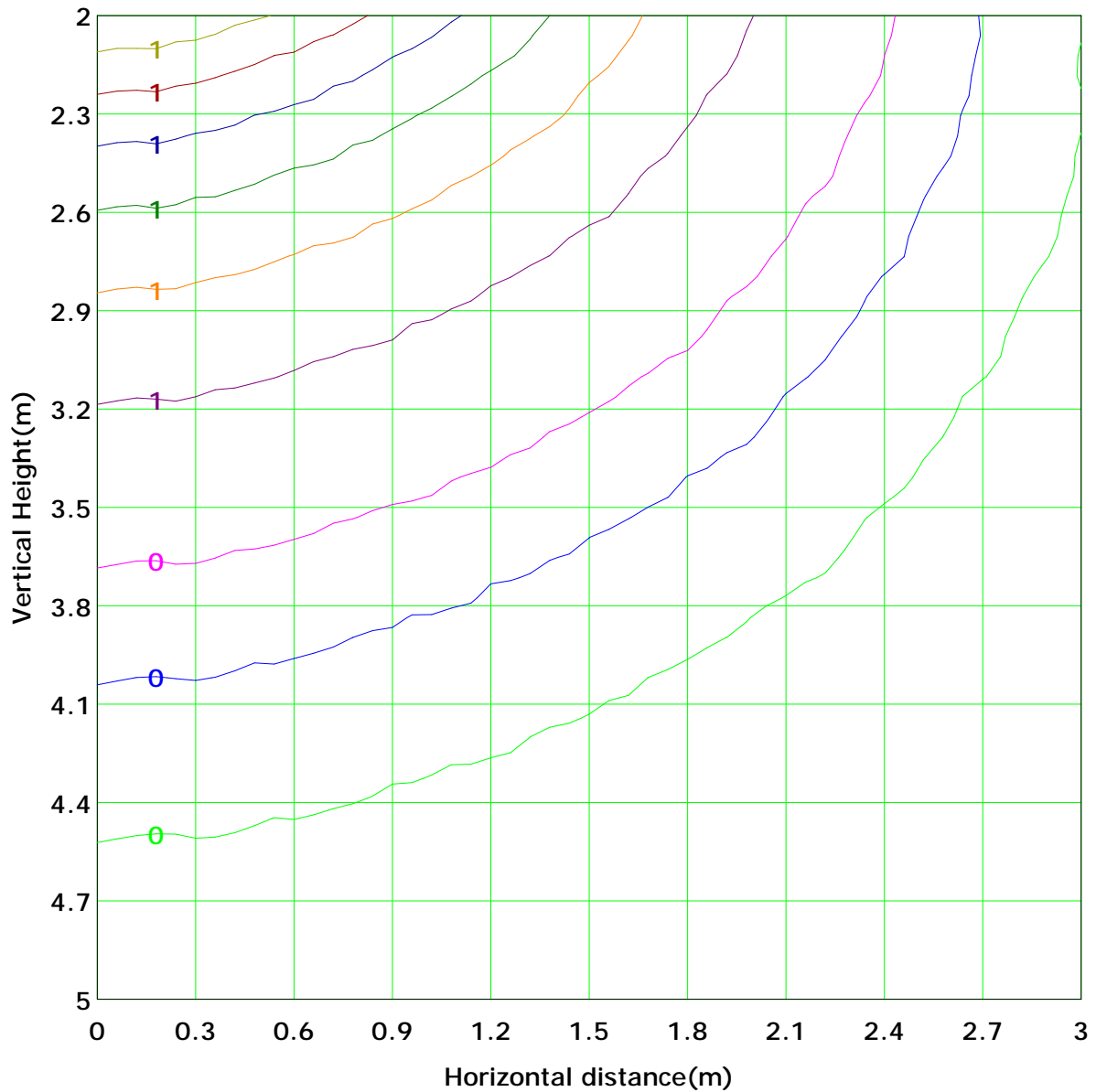
Inspector:



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(T)	Flux(E)
Horizontal plane	-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	0.0
	-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	0.0
	-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	0.0
	-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	0.0
	-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	0.0
	-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	0.0
	-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	0.0
	-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	0.0
	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	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	0.0
	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	0.0
	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	0.0
	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	0.0
	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	0.0
	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	0.0
	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	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
	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
	Flux(T)	0.0	0.2	0.6	1.1	1.6	2.1	2.4	2.6	2.8	2.7	2.6	2.4	2.0	1.6	1.0	0.6	0.2	0.0	0.0	27	27
	Flux(E)	0.0	0.2	0.6	1.1	1.6	2.1	2.4	2.6	2.8	2.7	2.6	2.4	2.0	1.6	1.0	0.6	0.2	0.0	0.0	27	27

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

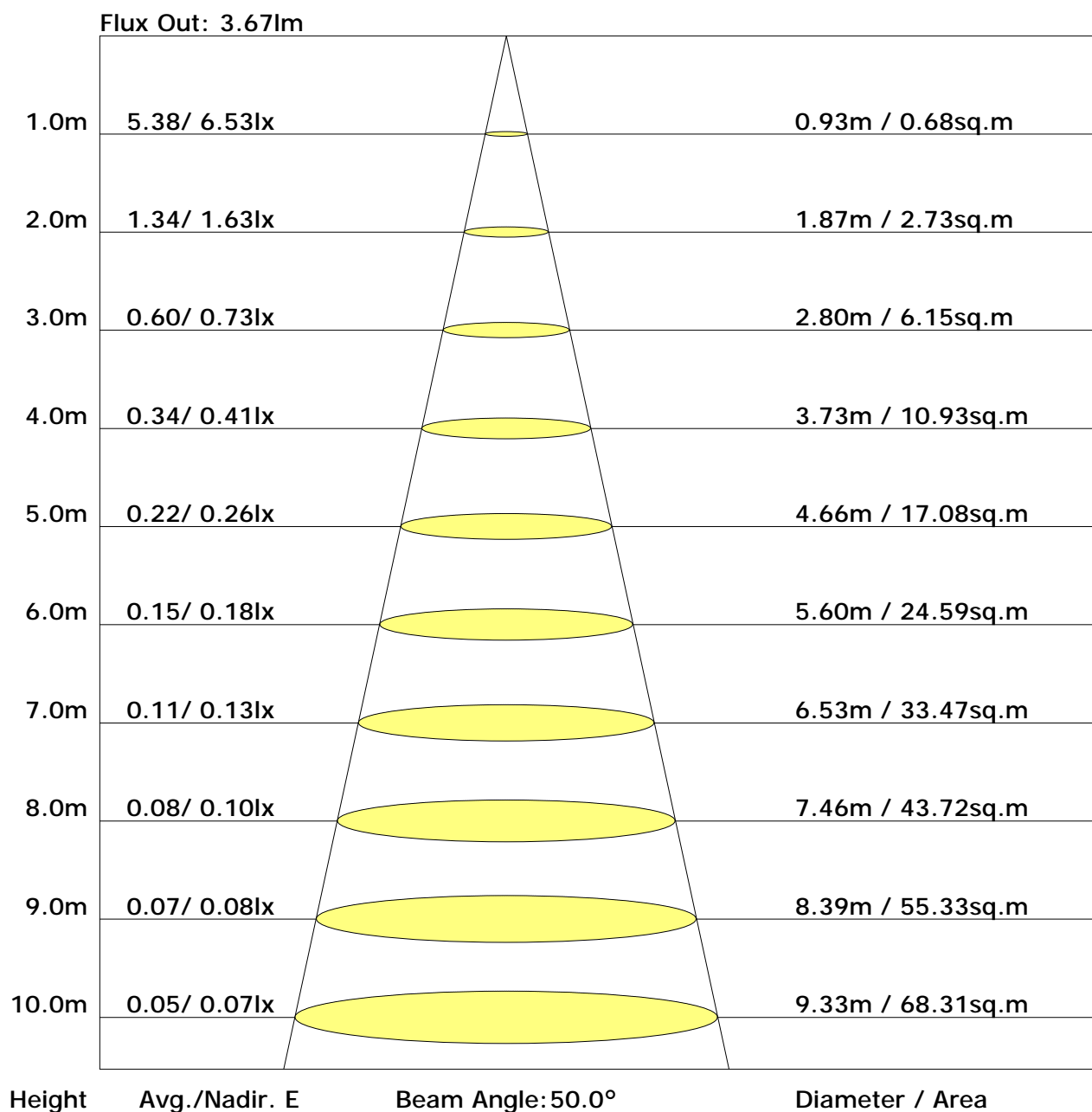
Test Device: GPM-1800B

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	35.9	37.6	36.3	38.0	38.4	35.9	37.7	36.3	38.0	38.4
3H	38.0	39.6	38.4	40.0	40.4	38.5	40.0	38.9	40.4	40.9
4H	38.9	40.4	39.3	40.8	41.2	39.6	41.1	40.0	41.5	42.0
6H	39.6	41.0	40.0	41.4	41.9	40.8	42.2	41.2	42.6	43.1
8H	39.8	41.2	40.3	41.6	42.1	41.3	42.6	41.7	43.1	43.6
12H	40.0	41.3	40.5	41.7	42.2	41.8	43.1	42.2	43.5	44.0
X=4H Y=2H	36.7	38.2	37.1	38.6	39.1	36.7	38.3	37.2	38.7	39.1
3H	39.1	40.4	39.5	40.8	41.3	39.5	40.9	40.0	41.3	41.8
4H	40.1	41.3	40.6	41.8	42.3	40.9	42.1	41.3	42.5	43.0
6H	41.0	42.0	41.5	42.5	43.1	42.2	43.3	42.7	43.8	44.3
8H	41.3	42.3	41.8	42.8	43.3	42.8	43.8	43.3	44.3	44.8
12H	41.6	42.5	42.1	43.0	43.6	43.4	44.3	43.9	44.8	45.4
X=8H Y=4H	40.8	41.8	41.2	42.3	42.8	41.4	42.4	41.9	42.9	43.4
6H	41.8	42.7	42.4	43.2	43.8	42.9	43.8	43.5	44.3	44.9
8H	42.3	43.1	42.8	43.6	44.2	43.7	44.5	44.2	45.0	45.6
12H	42.7	43.4	43.2	43.9	44.6	44.5	45.2	45.0	45.7	46.3
X=12H Y=4H	40.9	41.9	41.4	42.4	42.9	41.4	42.4	42.0	42.9	43.4
6H	42.1	42.9	42.7	43.4	44.0	43.1	43.9	43.6	44.4	45.0
8H	42.7	43.4	43.2	43.9	44.5	43.9	44.6	44.5	45.2	45.8

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	0.50	0.58	0.66	0.71	0.79	0.84	0.88	0.93	0.97	
	0.30		0.42	0.49	0.57	0.63	0.71	0.77	0.82	0.88	0.92	
	0.20		0.35	0.43	0.51	0.56	0.65	0.71	0.76	0.83	0.88	
0.50	0.50	0.20	0.48	0.56	0.63	0.68	0.75	0.80	0.84	0.89	0.92	
	0.30		0.41	0.48	0.55	0.61	0.69	0.74	0.78	0.84	0.88	
	0.20		0.35	0.42	0.50	0.55	0.63	0.69	0.74	0.80	0.84	
0.30	0.50	0.20	0.46	0.53	0.60	0.65	0.72	0.76	0.80	0.84	0.88	
	0.30		0.40	0.47	0.54	0.59	0.66	0.71	0.75	0.81	0.84	
	0.20		0.34	0.41	0.49	0.54	0.61	0.67	0.71	0.77	0.81	
0.00	0.00	0.00	0.32	0.38	0.45	0.50	0.57	0.63	0.67	0.72	0.76	
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	1.08	0.94	0.81	0.72	0.59	0.51	0.44	0.35	0.30
	0.30		0.90	0.80	0.71	0.64	0.54	0.46	0.41	0.33	0.28
	0.20		0.77	0.70	0.63	0.57	0.49	0.43	0.38	0.31	0.27
0.50	0.50	0.20	1.04	0.90	0.78	0.69	0.57	0.51	0.42	0.34	0.28
	0.30		0.88	0.78	0.69	0.62	0.52	0.45	0.40	0.32	0.27
	0.20		0.76	0.69	0.62	0.56	0.48	0.42	0.37	0.31	0.26
0.30	0.50	0.20	1.00	0.86	0.75	0.66	0.54	0.46	0.41	0.33	0.27
	0.30		0.85	0.76	0.67	0.60	0.50	0.43	0.38	0.31	0.26
	0.20		0.75	0.68	0.60	0.55	0.47	0.41	0.36	0.30	0.25
0.00	0.00	0.00	0.65	0.59	0.52	0.47	0.40	0.34	0.30	0.25	0.21
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	0.22	0.22	0.23	0.24	0.24	0.25	0.25	0.26
	0.30		0.13	0.14	0.16	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	0.21	0.22	0.22	0.23	0.23	0.24	0.24	0.24
	0.30		0.12	0.14	0.15	0.16	0.17	0.19	0.19	0.20	0.21
	0.20		0.07	0.09	0.10	0.11	0.13	0.14	0.15	0.17	0.18
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	0.20
	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	6.5	0.0	0.0	0.02	0.02
1.0-2.0	6.5	0.0	0.0	0.07	0.09
2.0-3.0	6.5	0.0	0.1	0.11	0.20
3.0-4.0	6.5	0.0	0.1	0.16	0.36
4.0-5.0	6.5	0.1	0.2	0.20	0.56
5.0-6.0	6.5	0.1	0.2	0.25	0.81
6.0-7.0	6.4	0.1	0.3	0.29	1.10
7.0-8.0	6.4	0.1	0.4	0.33	1.43
8.0-9.0	6.4	0.1	0.5	0.38	1.80
9.0-10.0	6.4	0.1	0.6	0.42	2.22
10.0-11.0	6.4	0.1	0.7	0.46	2.68
11.0-12.0	6.4	0.1	0.9	0.50	3.19
12.0-13.0	6.3	0.2	1.0	0.54	3.73
13.0-14.0	6.3	0.2	1.2	0.58	4.31
14.0-15.0	6.3	0.2	1.4	0.62	4.94
15.0-16.0	6.3	0.2	1.6	0.66	5.60
16.0-17.0	6.3	0.2	1.7	0.70	6.31
17.0-18.0	6.2	0.2	2.0	0.74	7.05
18.0-19.0	6.2	0.2	2.2	0.78	7.83
19.0-20.0	6.2	0.2	2.4	0.82	8.65
20.0-21.0	6.2	0.2	2.6	0.85	9.50
21.0-22.0	6.1	0.2	2.9	0.89	10.39
22.0-23.0	6.1	0.3	3.1	0.93	11.32
23.0-24.0	6.1	0.3	3.4	0.96	12.28
24.0-25.0	6.1	0.3	3.7	0.99	13.27
25.0-26.0	6.0	0.3	4.0	1.03	14.30
26.0-27.0	6.0	0.3	4.3	1.06	15.37
27.0-28.0	6.0	0.3	4.6	1.10	16.46
28.0-29.0	6.0	0.3	4.9	1.13	17.59
29.0-30.0	5.9	0.3	5.2	1.16	18.75
30.0-31.0	5.9	0.3	5.5	1.19	19.94
31.0-32.0	5.9	0.3	5.9	1.22	21.16
32.0-33.0	5.8	0.3	6.2	1.24	22.40
33.0-34.0	5.8	0.4	6.6	1.27	23.67
34.0-35.0	5.8	0.4	6.9	1.30	24.98
35.0-36.0	5.8	0.4	7.3	1.33	26.30

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 1)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	5.7	0.4	7.7	1.35	27.65
37.0-38.0	5.7	0.4	8.0	1.38	29.03
38.0-39.0	5.7	0.4	8.4	1.40	30.43
39.0-40.0	5.6	0.4	8.8	1.42	31.85
40.0-41.0	5.6	0.4	9.2	1.44	33.28
41.0-42.0	5.6	0.4	9.6	1.46	34.74
42.0-43.0	5.5	0.4	10.0	1.47	36.21
43.0-44.0	5.5	0.4	10.4	1.49	37.70
44.0-45.0	5.4	0.4	10.9	1.51	39.21
45.0-46.0	5.4	0.4	11.3	1.52	40.73
46.0-47.0	5.3	0.4	11.7	1.53	42.26
47.0-48.0	5.3	0.4	12.1	1.54	43.80
48.0-49.0	5.2	0.4	12.6	1.55	45.35
49.0-50.0	5.2	0.4	13.0	1.56	46.91
50.0-51.0	5.1	0.4	13.4	1.56	48.48
51.0-52.0	5.1	0.4	13.8	1.57	50.04
52.0-53.0	5.0	0.4	14.3	1.57	51.62
53.0-54.0	4.9	0.4	14.7	1.57	53.19
54.0-55.0	4.9	0.4	15.2	1.57	54.76
55.0-56.0	4.8	0.4	15.6	1.57	56.33
56.0-57.0	4.7	0.4	16.0	1.57	57.90
57.0-58.0	4.7	0.4	16.5	1.56	59.46
58.0-59.0	4.6	0.4	16.9	1.55	61.00
59.0-60.0	4.5	0.4	17.3	1.53	62.54
60.0-61.0	4.4	0.4	17.7	1.53	64.07
61.0-62.0	4.4	0.4	18.2	1.52	65.59
62.0-63.0	4.3	0.4	18.6	1.50	67.09
63.0-64.0	4.2	0.4	19.0	1.49	68.58
64.0-65.0	4.1	0.4	19.4	1.47	70.05
65.0-66.0	4.0	0.4	19.8	1.44	71.49
66.0-67.0	3.9	0.4	20.2	1.42	72.91
67.0-68.0	3.8	0.4	20.6	1.40	74.31
68.0-69.0	3.7	0.4	20.9	1.37	75.68
69.0-70.0	3.6	0.4	21.3	1.34	77.02
70.0-71.0	3.5	0.4	21.7	1.32	78.33
71.0-72.0	3.4	0.4	22.0	1.29	79.62

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	3.3	0.3	22.4	1.25	80.88
73.0-74.0	3.2	0.3	22.7	1.22	82.09
74.0-75.0	3.1	0.3	23.0	1.19	83.28
75.0-76.0	3.0	0.3	23.4	1.15	84.44
76.0-77.0	2.9	0.3	23.7	1.12	85.55
77.0-78.0	2.8	0.3	24.0	1.08	86.64
78.0-79.0	2.7	0.3	24.3	1.05	87.69
79.0-80.0	2.6	0.3	24.5	1.02	88.71
80.0-81.0	2.5	0.3	24.8	0.97	89.68
81.0-82.0	2.4	0.3	25.1	0.93	90.62
82.0-83.0	2.3	0.2	25.3	0.90	91.51
83.0-84.0	2.2	0.2	25.6	0.85	92.37
84.0-85.0	2.1	0.2	25.8	0.81	93.18
85.0-86.0	2.0	0.2	26.0	0.77	93.95
86.0-87.0	1.8	0.2	26.2	0.73	94.68
87.0-88.0	1.7	0.2	26.4	0.68	95.35
88.0-89.0	1.6	0.2	26.6	0.63	95.99
89.0-90.0	1.5	0.2	26.7	0.59	96.57
90.0-91.0	1.4	0.1	26.9	0.54	97.11
91.0-92.0	1.2	0.1	27.0	0.49	97.60
92.0-93.0	1.1	0.1	27.1	0.44	98.04
93.0-94.0	0.9	0.1	27.2	0.36	98.40
94.0-95.0	0.7	0.1	27.3	0.27	98.66
95.0-96.0	0.5	0.1	27.4	0.18	98.85
96.0-97.0	0.3	0.0	27.4	0.11	98.95
97.0-98.0	0.1	0.0	27.4	0.05	99.00
98.0-99.0	0.1	0.0	27.4	0.03	99.03
99.0-100.0	0.1	0.0	27.4	0.02	99.05
100.0-101.0	0.1	0.0	27.4	0.02	99.07
101.0-102.0	0.0	0.0	27.4	0.02	99.09
102.0-103.0	0.0	0.0	27.4	0.02	99.10
103.0-104.0	0.0	0.0	27.4	0.02	99.12
104.0-105.0	0.0	0.0	27.4	0.02	99.14
105.0-106.0	0.0	0.0	27.4	0.02	99.15
106.0-107.0	0.0	0.0	27.4	0.02	99.17
107.0-108.0	0.0	0.0	27.4	0.02	99.19

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	0.0	0.0	27.5	0.02	99.20
109.0-110.0	0.0	0.0	27.5	0.02	99.22
110.0-111.0	0.0	0.0	27.5	0.02	99.24
111.0-112.0	0.0	0.0	27.5	0.01	99.25
112.0-113.0	0.0	0.0	27.5	0.01	99.26
113.0-114.0	0.1	0.0	27.5	0.02	99.28
114.0-115.0	0.0	0.0	27.5	0.01	99.30
115.0-116.0	0.0	0.0	27.5	0.01	99.31
116.0-117.0	0.0	0.0	27.5	0.02	99.33
117.0-118.0	0.0	0.0	27.5	0.01	99.34
118.0-119.0	0.0	0.0	27.5	0.01	99.35
119.0-120.0	0.1	0.0	27.5	0.02	99.37
120.0-121.0	0.0	0.0	27.5	0.02	99.39
121.0-122.0	0.0	0.0	27.5	0.01	99.40
122.0-123.0	0.1	0.0	27.5	0.02	99.42
123.0-124.0	0.1	0.0	27.5	0.02	99.44
124.0-125.0	0.1	0.0	27.5	0.02	99.46
125.0-126.0	0.0	0.0	27.5	0.01	99.48
126.0-127.0	0.1	0.0	27.5	0.02	99.49
127.0-128.0	0.1	0.0	27.5	0.02	99.51
128.0-129.0	0.1	0.0	27.5	0.02	99.53
129.0-130.0	0.1	0.0	27.5	0.02	99.54
130.0-131.0	0.1	0.0	27.6	0.02	99.56
131.0-132.0	0.0	0.0	27.6	0.01	99.57
132.0-133.0	0.1	0.0	27.6	0.02	99.59
133.0-134.0	0.1	0.0	27.6	0.02	99.61
134.0-135.0	0.0	0.0	27.6	0.01	99.62
135.0-136.0	0.1	0.0	27.6	0.02	99.63
136.0-137.0	0.1	0.0	27.6	0.02	99.65
137.0-138.0	0.0	0.0	27.6	0.01	99.66
138.0-139.0	0.0	0.0	27.6	0.01	99.68
139.0-140.0	0.0	0.0	27.6	0.01	99.69
140.0-141.0	0.0	0.0	27.6	0.01	99.70
141.0-142.0	0.1	0.0	27.6	0.01	99.71
142.0-143.0	0.1	0.0	27.6	0.01	99.73
143.0-144.0	0.0	0.0	27.6	0.01	99.74

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	0.0	0.0	27.6	0.01	99.75
145.0-146.0	0.1	0.0	27.6	0.02	99.77
146.0-147.0	0.1	0.0	27.6	0.01	99.78
147.0-148.0	0.1	0.0	27.6	0.01	99.79
148.0-149.0	0.1	0.0	27.6	0.01	99.80
149.0-150.0	0.1	0.0	27.6	0.01	99.82
150.0-151.0	0.1	0.0	27.6	0.01	99.83
151.0-152.0	0.1	0.0	27.6	0.01	99.84
152.0-153.0	0.1	0.0	27.6	0.01	99.85
153.0-154.0	0.1	0.0	27.6	0.01	99.86
154.0-155.0	0.1	0.0	27.6	0.01	99.87
155.0-156.0	0.1	0.0	27.6	0.01	99.88
156.0-157.0	0.1	0.0	27.6	0.01	99.89
157.0-158.0	0.1	0.0	27.6	0.01	99.90
158.0-159.0	0.1	0.0	27.7	0.01	99.91
159.0-160.0	0.1	0.0	27.7	0.01	99.92
160.0-161.0	0.1	0.0	27.7	0.01	99.93
161.0-162.0	0.1	0.0	27.7	0.01	99.94
162.0-163.0	0.1	0.0	27.7	0.01	99.94
163.0-164.0	0.0	0.0	27.7	0.00	99.95
164.0-165.0	0.1	0.0	27.7	0.01	99.95
165.0-166.0	0.1	0.0	27.7	0.01	99.96
166.0-167.0	0.1	0.0	27.7	0.01	99.96
167.0-168.0	0.0	0.0	27.7	0.00	99.97
168.0-169.0	0.1	0.0	27.7	0.00	99.97
169.0-170.0	0.1	0.0	27.7	0.00	99.98
170.0-171.0	0.1	0.0	27.7	0.00	99.98
171.0-172.0	0.1	0.0	27.7	0.00	99.99
172.0-173.0	0.1	0.0	27.7	0.00	99.99
173.0-174.0	0.1	0.0	27.7	0.00	99.99
174.0-175.0	0.1	0.0	27.7	0.00	99.99
175.0-176.0	0.1	0.0	27.7	0.00	100.00
176.0-177.0	0.1	0.0	27.7	0.00	100.00
177.0-178.0	0.1	0.0	27.7	0.00	100.00
178.0-179.0	0.1	0.0	27.7	0.00	100.00
179.0-180.0	0.1	0.0	27.7	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: