

Report No.:

Test Time: 2019/11/30 15:44

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: RBMC9020243.022-140

Luminaire Description: RBMC9020243.022-140

Luminous Length (mm): 500

Luminous Width (mm): 5

Luminous Height (mm): 1

Voltage: 24.0 V

Current: 0.202 A

Power: 4.84 W

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 433.2 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(10%,50%): H162,H114.4

Vertical Diffuse Angle(10%,50%): V162.1,V114.7

Luminaire Efficacy Rating (LER): 89

Max. Intensity: 147.59 cd

Total Rated Lamp Lumens: 433.2 lm

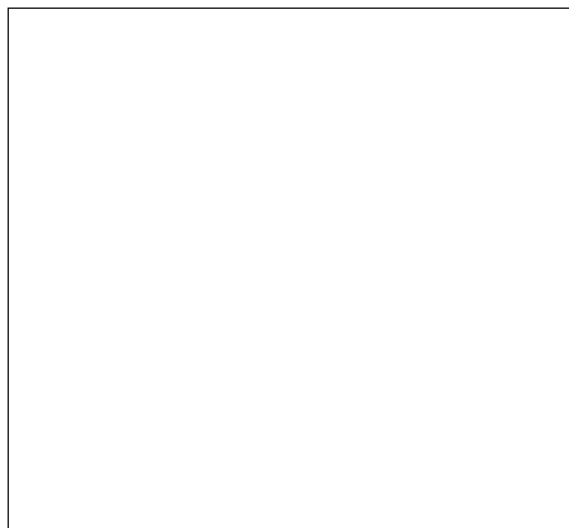
Efficiency: 100%

Upward Ratio: 1%

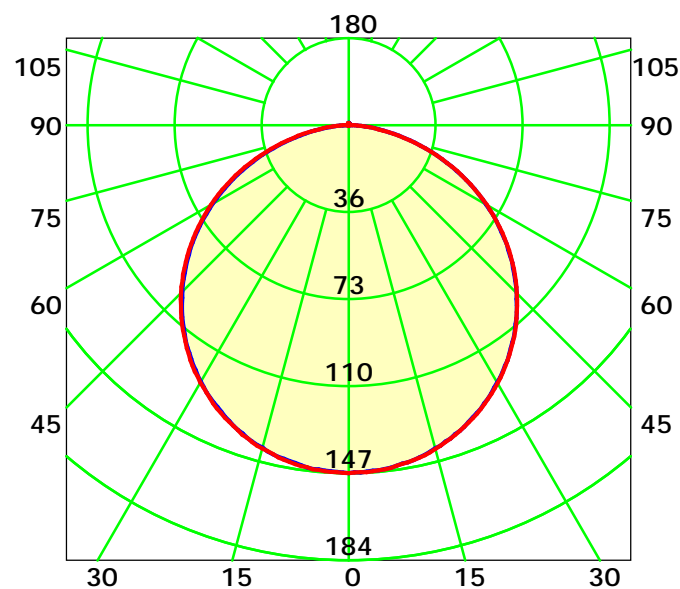
Central Intensity: 147.45 cd

Pos of Max. Intensity: H120 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 114.6° 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

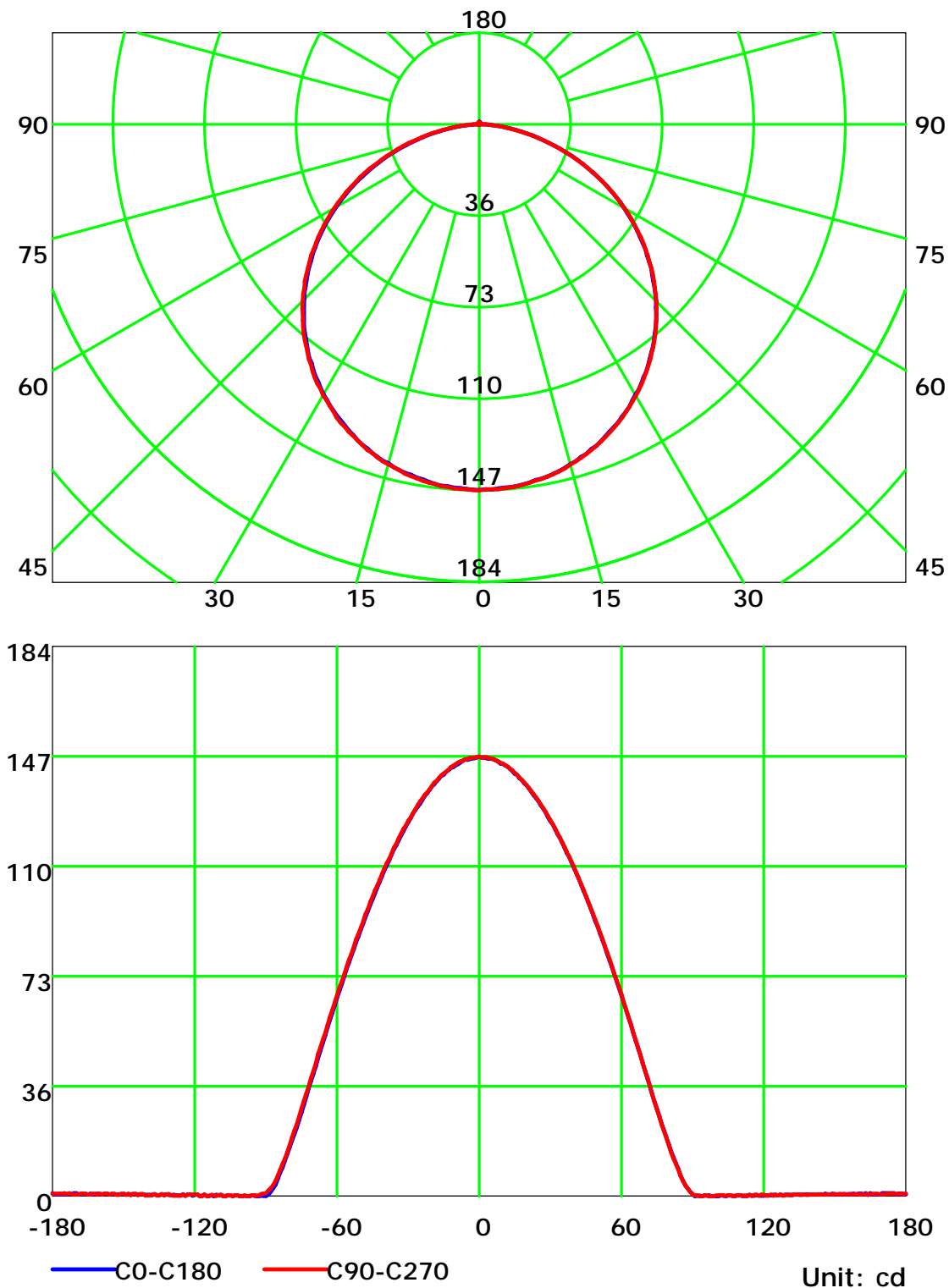
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

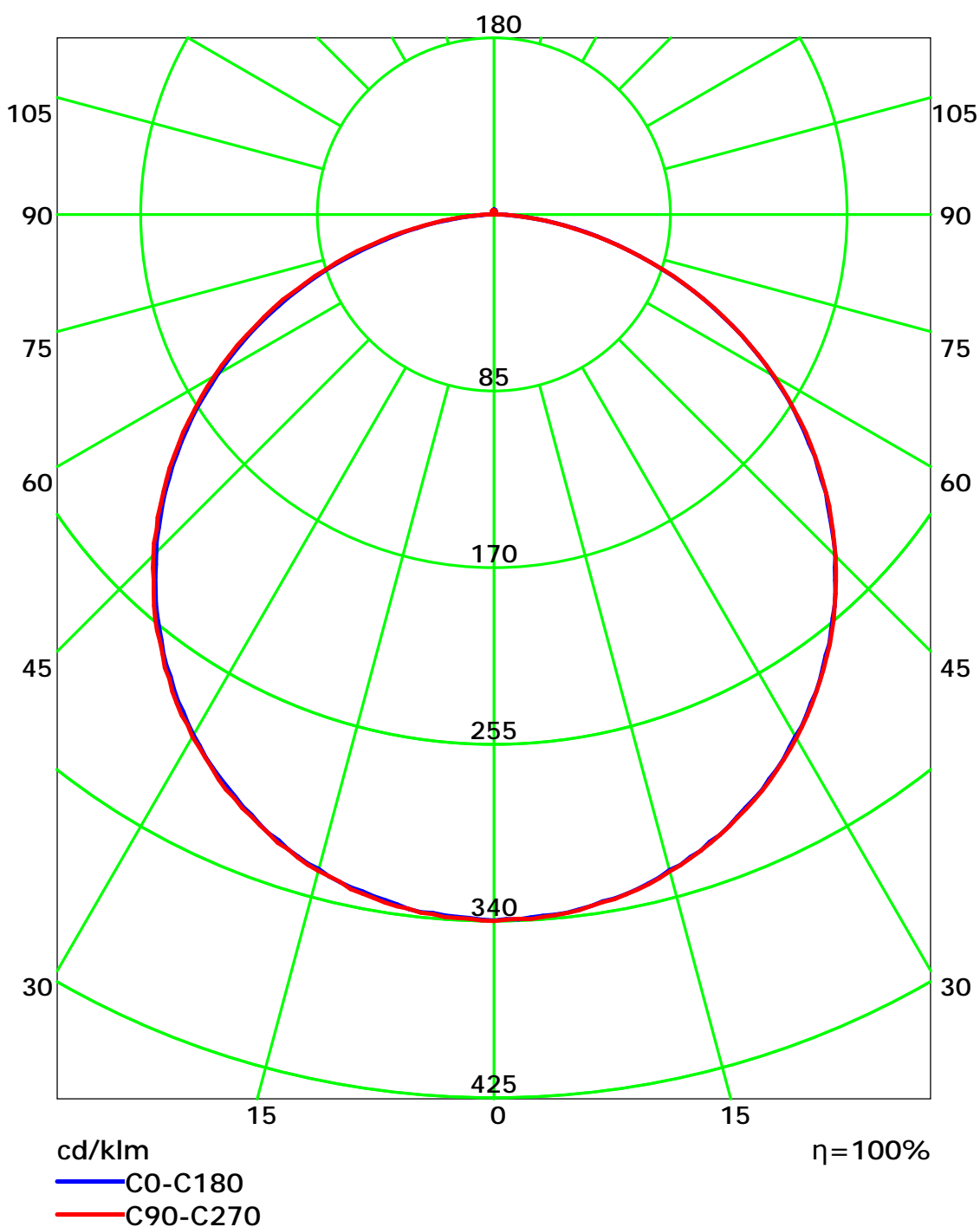
Luminous Intensity Distribution Curve



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:

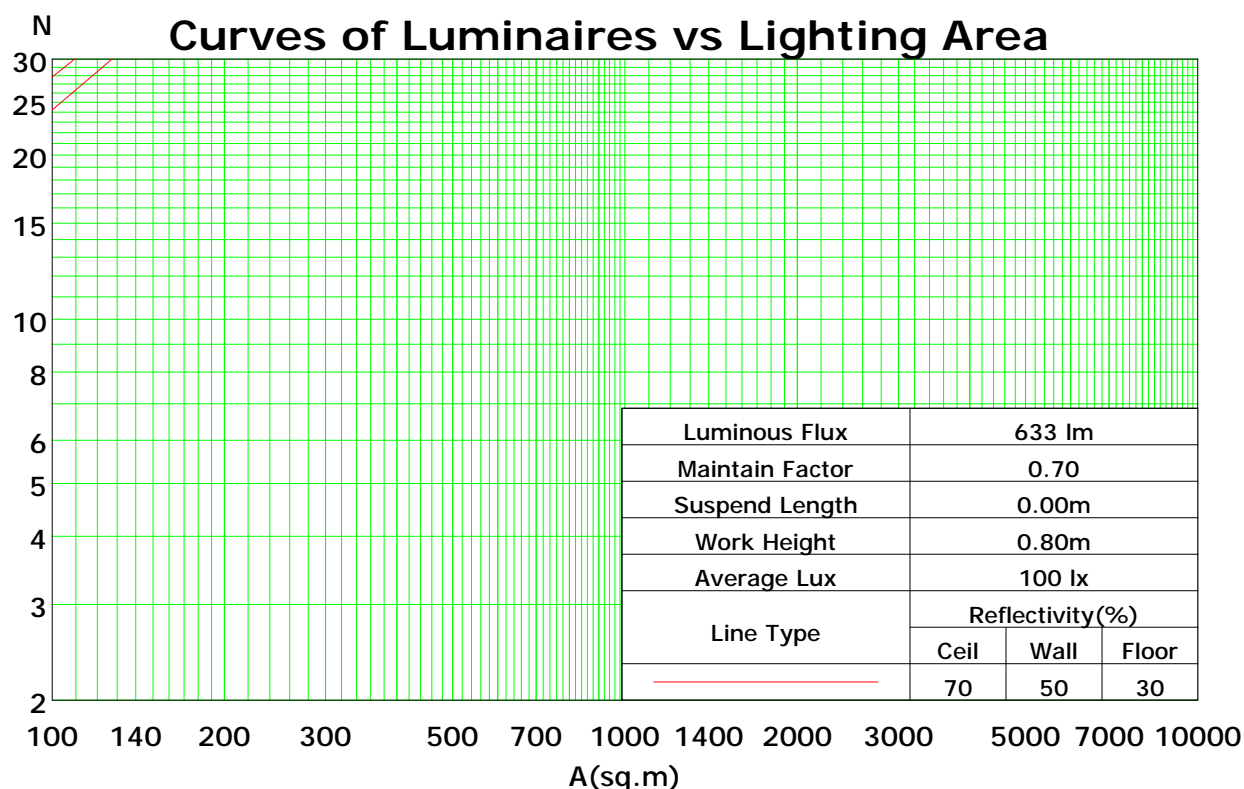
Coefficients Of Utilization - Zonal Cavity Method

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	104	99	95	106	101	97	94	97	94	91	93	90	88	89	87	85	83
2	98	90	83	77	96	88	82	76	85	79	75	81	77	73	78	74	71	69
3	90	79	71	64	87	77	70	64	74	68	62	71	66	61	69	64	60	58
4	82	70	61	54	80	68	60	54	66	59	53	63	57	52	61	56	51	49
5	75	62	53	47	73	61	53	46	59	51	46	57	50	45	55	49	45	42
6	70	56	47	41	68	55	47	40	53	46	40	51	45	39	50	44	39	37
7	64	51	42	36	63	50	42	36	48	41	35	47	40	35	45	39	35	33
8	60	46	38	32	58	46	37	32	44	37	31	43	36	31	42	36	31	29
9	56	42	34	29	55	42	34	28	41	33	28	40	33	28	38	32	28	26
10	52	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	25	24

Spacing Criteria (0-180): 1.27

Spacing Criteria (90-270): 1.27

Spacing Criteria (Diagonal): 1.39



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

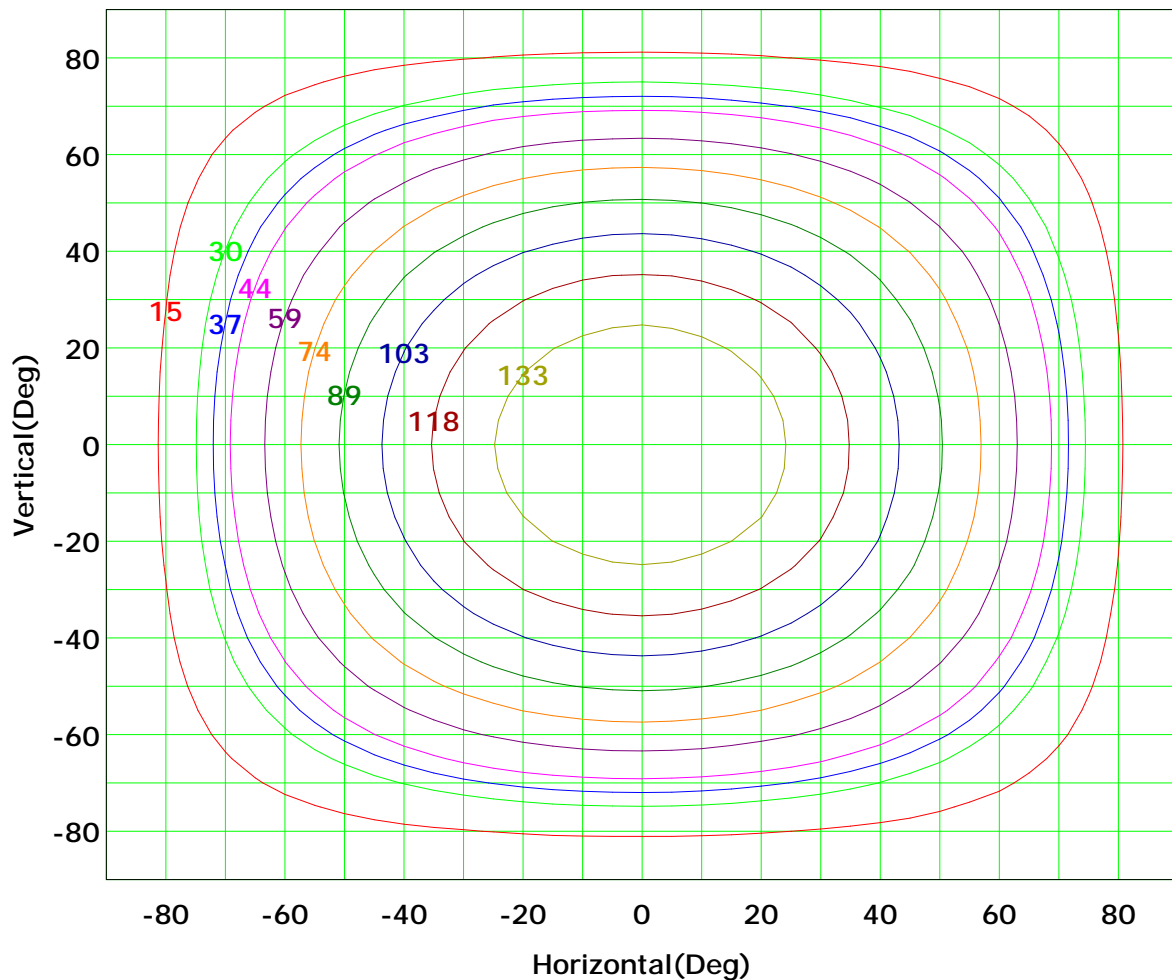
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



I_{max} (100%): 148 cd

(10%): 15 cd	(20%): 30 cd
(25%): 37 cd	(30%): 44 cd
(40%): 59 cd	(50%): 74 cd
(60%): 89 cd	(70%): 103 cd
(80%): 118 cd	(90%): 133 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

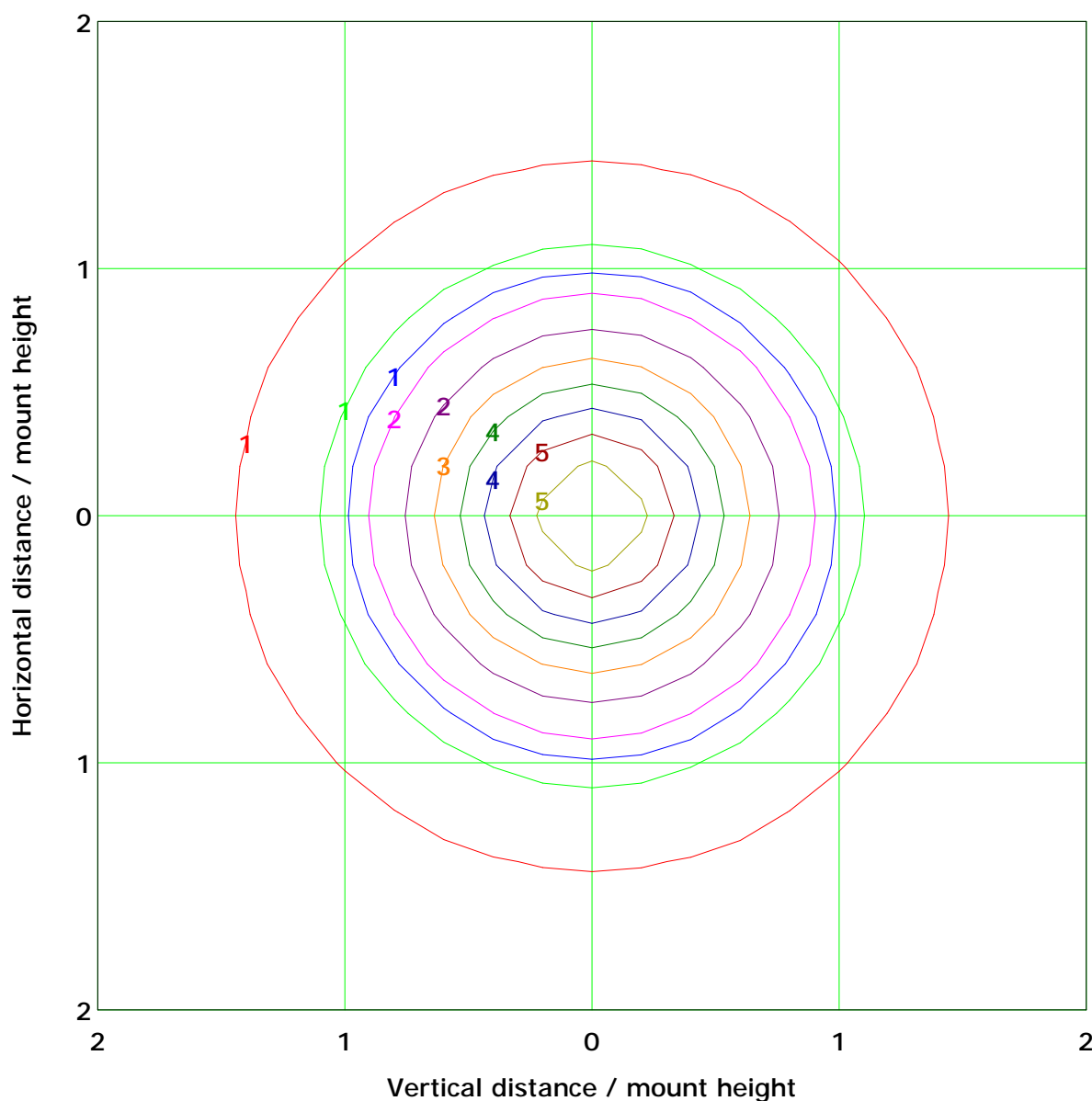
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

IsoLux Plot



Mounting Height: 5.0m Max Lux(100%): 5.9 lx

(10%): 0.6 lx	(20%): 1.2 lx
(25%): 1.5 lx	(30%): 1.8 lx
(40%): 2.4 lx	(50%): 3.0 lx
(60%): 3.5 lx	(70%): 4.1 lx
(80%): 4.7 lx	(90%): 5.3 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

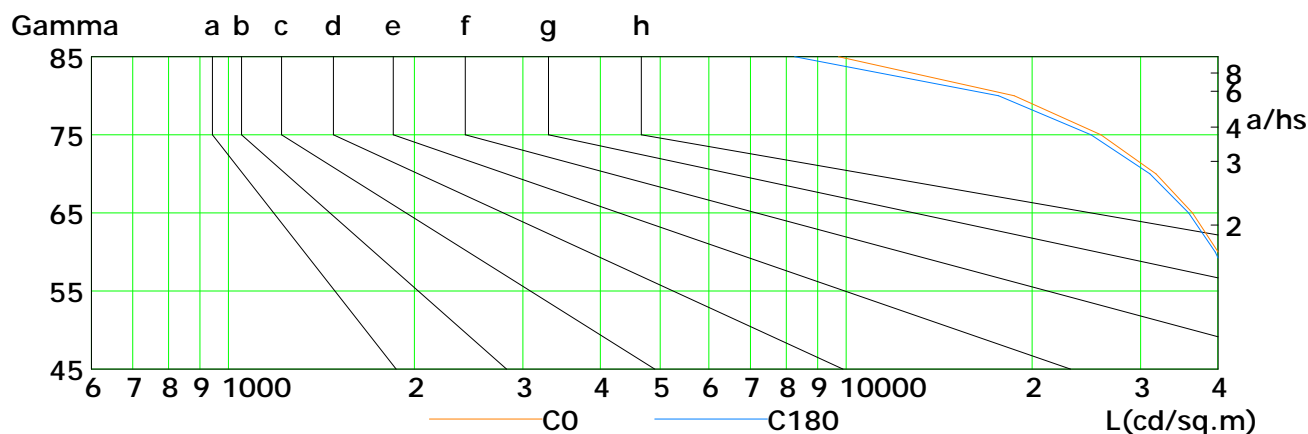
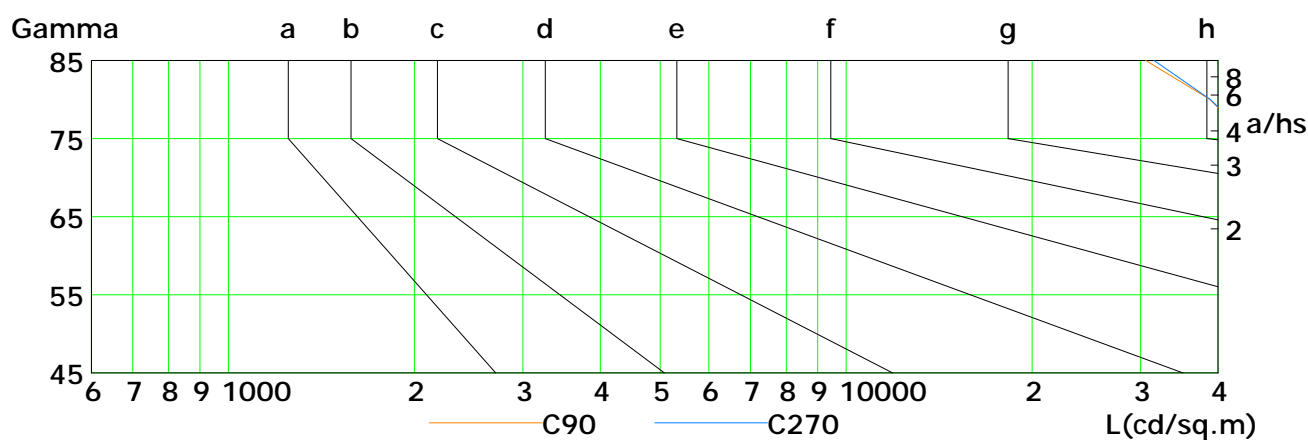
Humidity: 60%

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	47555	45503	42929	40012	36398	31769	25867	18715	9721
C90	56947	56276	55325	53957	51825	49026	44717	38857	30556
C180	47041	45020	42527	39584	35861	31059	24929	17657	8254
C270	56811	55954	55124	53718	51702	48875	45285	38880	31543

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

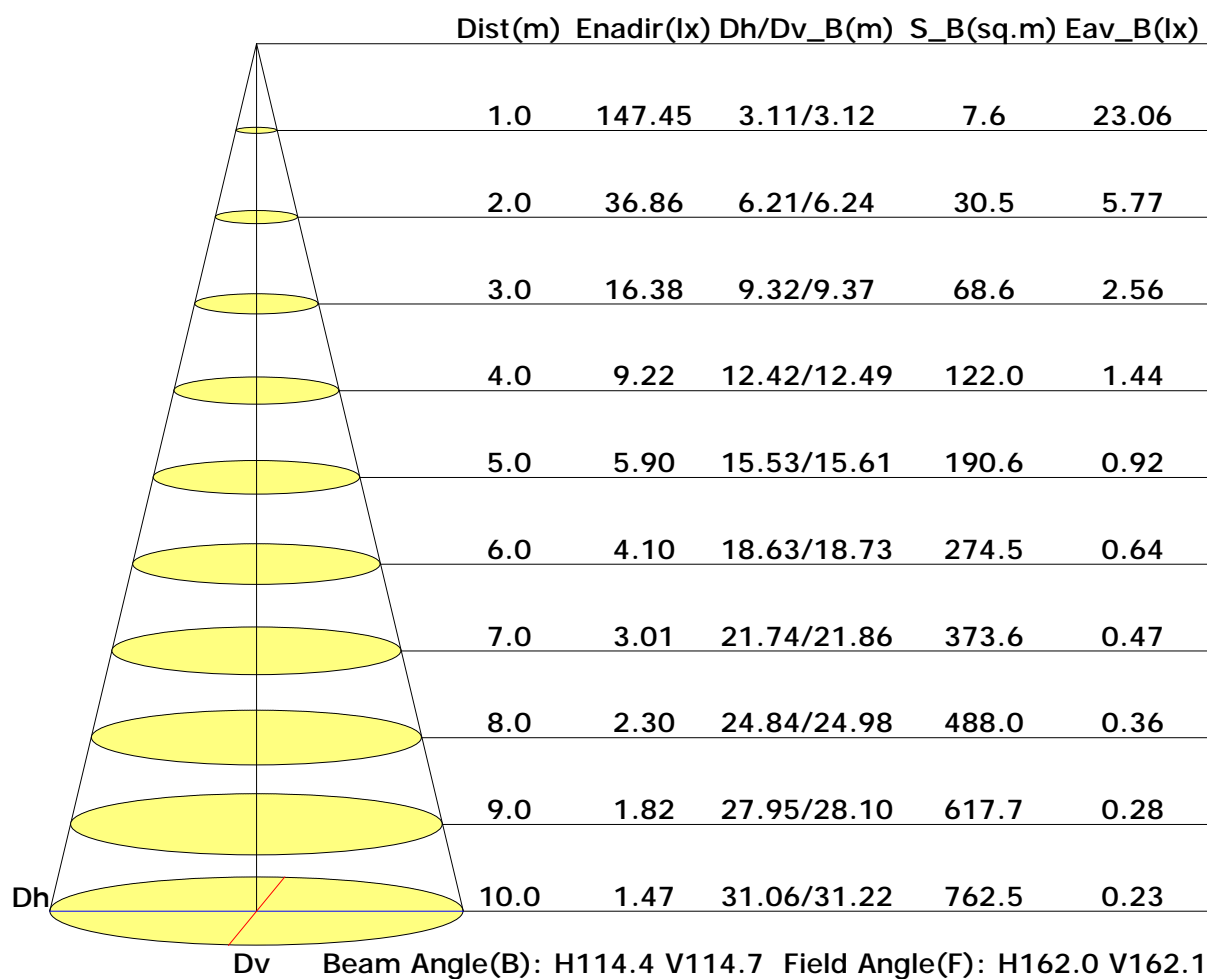
Test Device: GPM-1800B

Distance: 9.028 m

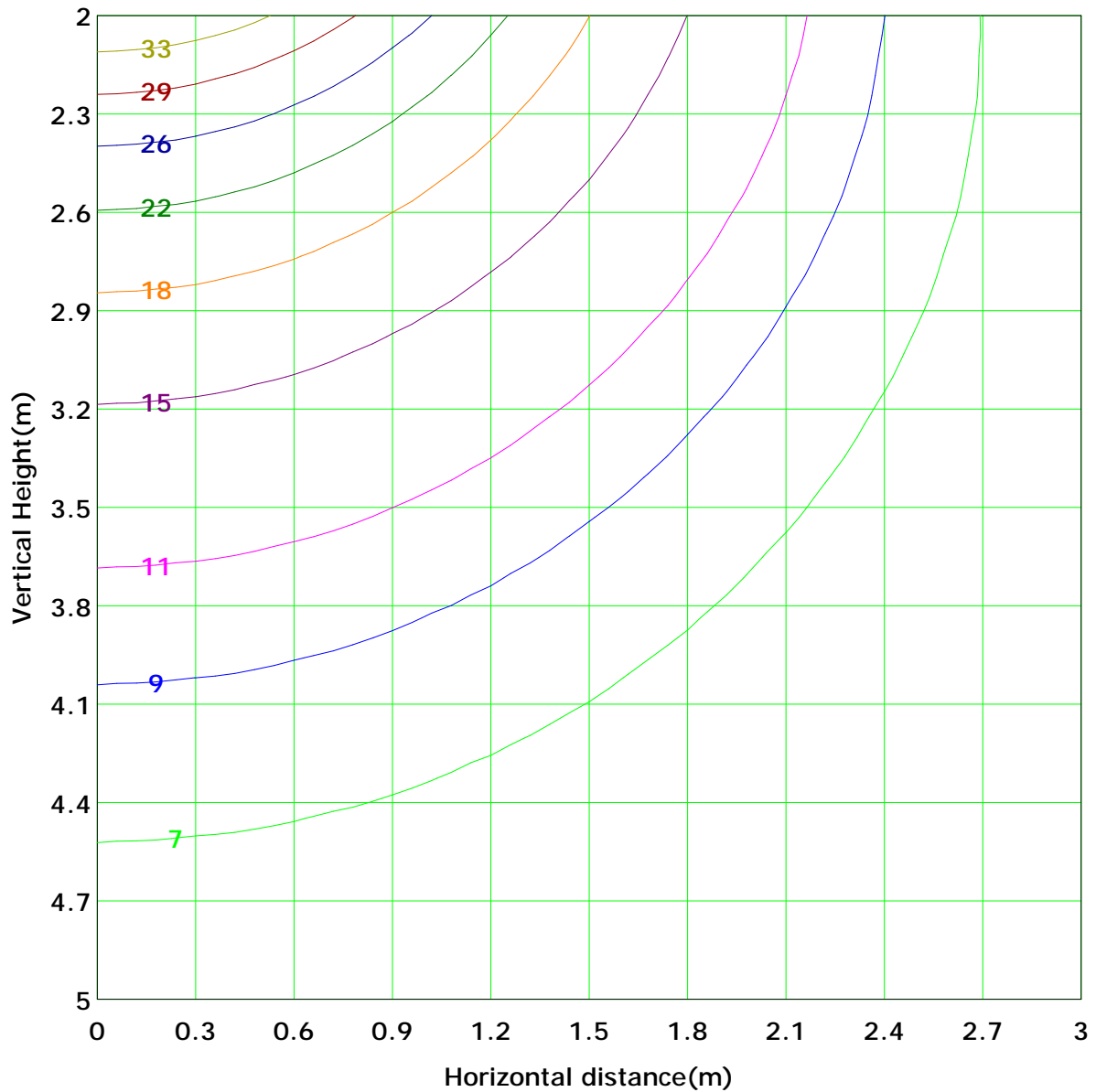
Humidity: 60%

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 36.9 lx
(10%): 3.7 lx	(20%): 7.4 lx	
(25%): 9.2 lx	(30%): 11.1 lx	
(40%): 14.7 lx	(50%): 18.4 lx	
(60%): 22.1 lx	(70%): 25.8 lx	
(80%): 29.5 lx	(90%): 33.2 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:

Area Flux Table

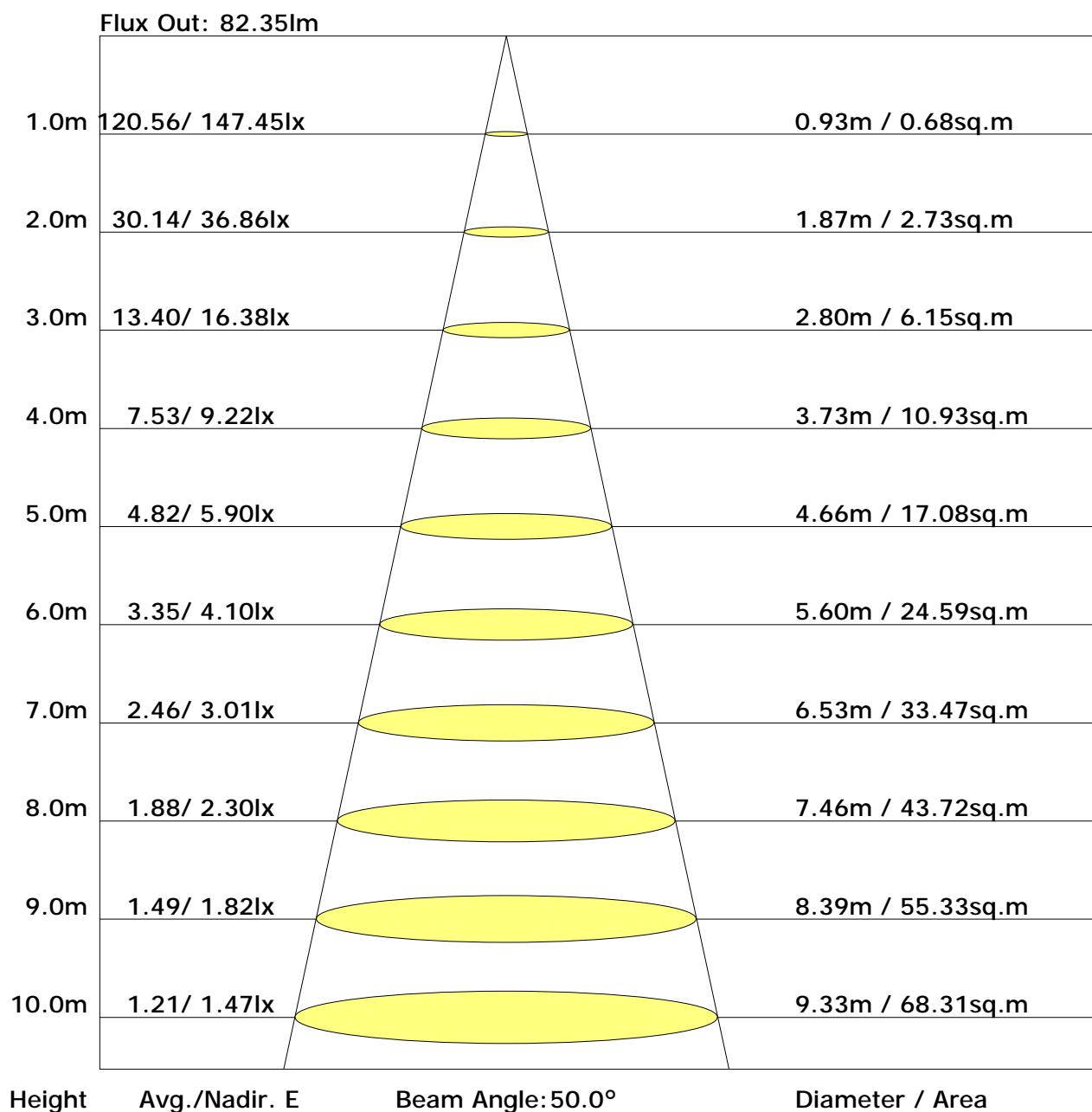
Unit: lm

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)
		0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.3	0.0
		0.0	0.0	0.1	0.2	0.4	0.5	0.7	0.7	0.8	0.9	0.9	0.8	0.7	0.6	0.6	0.7	0.7	0.0	0.0	2.4	2.0
		0.0	0.1	0.2	0.5	0.7	1.0	1.3	1.3	1.5	1.7	1.7	1.5	1.3	1.1	1.1	1.3	1.3	0.0	0.0	7.4	7.0
		0.0	0.1	0.3	0.7	1.1	1.5	1.9	2.3	2.5	2.8	2.8	2.5	2.2	2.0	2.0	2.2	2.2	0.0	0.0	14.7	14.3
		0.0	0.1	0.4	0.9	1.4	2.0	2.5	2.9	3.0	3.6	3.6	3.0	2.8	2.5	2.5	2.8	2.8	0.0	0.0	23.3	22.9
		0.0	0.2	0.5	1.1	1.7	2.3	2.9	3.3	3.7	4.0	4.1	3.6	3.3	2.9	2.6	3.3	3.3	0.0	0.0	32.0	31.7
		0.0	0.2	0.7	1.3	2.1	2.8	3.5	4.0	4.3	4.4	4.4	4.0	3.7	3.3	3.0	3.6	3.6	0.0	0.0	39.8	39.5
		0.0	0.2	0.7	1.4	2.1	2.9	3.6	4.1	4.4	4.4	4.1	3.6	3.3	2.9	2.4	3.4	3.4	0.0	0.0	45.7	45.3
		0.0	0.2	0.7	1.4	2.1	2.9	3.6	4.1	4.4	4.4	4.1	3.6	3.3	2.9	2.4	3.4	3.4	0.0	0.0	48.8	48.5
		0.0	0.2	0.7	1.4	2.1	2.9	3.6	4.1	4.4	4.4	4.1	3.6	3.3	2.9	2.4	3.4	3.4	0.0	0.0	48.9	48.5
		0.0	0.2	0.7	1.4	2.1	2.9	3.6	4.1	4.4	4.4	4.1	3.6	3.3	2.9	2.4	3.4	3.4	0.0	0.0	45.8	45.5
		0.0	0.2	0.7	1.4	2.1	2.9	3.6	4.1	4.4	4.4	4.1	3.6	3.3	2.9	2.4	3.4	3.4	0.0	0.0	40.0	39.7
		0.0	0.2	0.7	1.4	2.1	2.9	3.6	4.1	4.4	4.4	4.1	3.6	3.3	2.9	2.4	3.4	3.4	0.0	0.0	32.3	31.9
		0.0	0.2	0.7	1.4	2.1	2.9	3.6	4.1	4.4	4.4	4.1	3.6	3.3	2.9	2.4	3.4	3.4	0.0	0.0	23.5	23.2
		0.0	0.2	0.7	1.4	2.1	2.9	3.6	4.1	4.4	4.4	4.1	3.6	3.3	2.9	2.4	3.4	3.4	0.0	0.0	14.9	14.6
		0.0	0.2	0.7	1.4	2.1	2.9	3.6	4.1	4.4	4.4	4.1	3.6	3.3	2.9	2.4	3.4	3.4	0.0	0.0	7.6	7.2
		0.0	0.2	0.7	1.4	2.1	2.9	3.6	4.1	4.4	4.4	4.1	3.6	3.3	2.9	2.4	3.4	3.4	0.0	0.0	2.6	2.2
		0.0	0.2	0.7	1.4	2.1	2.9	3.6	4.1	4.4	4.4	4.1	3.6	3.3	2.9	2.4	3.4	3.4	0.0	0.0	0.3	0.0
		0.0	0.2	0.7	1.4	2.1	2.9	3.6	4.1	4.4	4.4	4.1	3.6	3.3	2.9	2.4	3.4	3.4	0.0	0.0	431	424
		0.0	0.2	0.7	1.4	2.1	2.9	3.6	4.1	4.4	4.4	4.1	3.6	3.3	2.9	2.4	3.4	3.4	0.0	0.0		
		0.0	0.2	0.7	1.4	2.1	2.9	3.6	4.1	4.4	4.4	4.1	3.6	3.3	2.9	2.4	3.4	3.4	0.0	0.0		

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	28.7	30.3	29.1	30.7	31.0	28.1	29.8	28.5	30.1	30.4
3H	30.5	32.0	30.9	32.3	32.7	29.8	31.2	30.1	31.6	31.9
4H	31.2	32.6	31.6	32.9	33.3	30.3	31.7	30.7	32.0	32.4
6H	31.7	33.0	32.1	33.3	33.7	30.6	31.9	31.0	32.3	32.7
8H	31.8	33.0	32.2	33.4	33.9	30.7	31.9	31.1	32.3	32.7
12H	31.9	33.1	32.3	33.5	33.9	30.7	31.9	31.2	32.3	32.8
X=4H Y=2H	29.2	30.6	29.6	31.0	31.4	28.8	30.2	29.2	30.5	30.9
3H	31.2	32.4	31.7	32.8	33.2	30.6	31.8	31.0	32.2	32.6
4H	32.0	33.1	32.5	33.5	33.9	31.2	32.3	31.7	32.7	33.2
6H	32.6	33.5	33.1	34.0	34.5	31.7	32.6	32.1	33.0	33.5
8H	32.8	33.7	33.3	34.1	34.6	31.8	32.6	32.2	33.1	33.6
12H	32.9	33.7	33.4	34.2	34.7	31.8	32.6	32.3	33.1	33.6
X=8H Y=4H	32.2	33.1	32.7	33.5	34.0	31.5	32.4	32.0	32.8	33.3
6H	32.9	33.6	33.4	34.1	34.6	32.0	32.8	32.5	33.3	33.7
8H	33.1	33.8	33.7	34.3	34.8	32.2	32.8	32.7	33.4	33.9
12H	33.3	33.9	33.8	34.4	35.0	32.3	32.9	32.8	33.4	33.9
X=12H Y=4H	32.2	33.0	32.7	33.5	34.0	31.5	32.3	32.0	32.8	33.3
6H	32.9	33.6	33.5	34.1	34.6	32.1	32.7	32.6	33.2	33.8
8H	33.2	33.8	33.7	34.3	34.9	32.3	32.8	32.8	33.3	33.9

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 = 1.25								
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	0.56	0.66	0.74	0.79	0.87	0.92	0.95	1.00	1.03
	0.30		0.48	0.58	0.66	0.72	0.80	0.86	0.90	0.96	0.99
	0.20		0.42	0.53	0.60	0.66	0.75	0.81	0.86	0.92	0.96
0.50	0.50	0.20	0.54	0.64	0.71	0.76	0.83	0.88	0.91	0.96	0.99
	0.30		0.47	0.57	0.65	0.70	0.78	0.83	0.87	0.92	0.96
	0.20		0.42	0.52	0.59	0.65	0.73	0.79	0.83	0.89	0.93
0.30	0.50	0.20	0.53	0.62	0.69	0.74	0.80	0.85	0.88	0.92	0.95
	0.30		0.46	0.56	0.63	0.68	0.76	0.81	0.84	0.89	0.92
	0.20		0.41	0.51	0.59	0.64	0.72	0.77	0.81	0.87	0.90
0.00	0.00	0.00	0.39	0.49	0.56	0.61	0.68	0.73	0.77	0.82	0.85
Rating:5W 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 = 1.25								
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	1.01	0.83	0.71	0.62	0.49	0.41	0.35	0.27	0.22
	0.30		0.84	0.71	0.62	0.55	0.45	0.38	0.32	0.26	0.21
	0.20		0.72	0.62	0.55	0.49	0.41	0.35	0.30	0.24	0.20
0.50	0.50	0.20	0.97	0.80	0.68	0.59	0.47	0.42	0.33	0.26	0.21
	0.30		0.82	0.69	0.60	0.53	0.43	0.36	0.31	0.24	0.20
	0.20		0.71	0.61	0.54	0.48	0.40	0.34	0.29	0.23	0.19
0.30	0.50	0.20	0.94	0.77	0.65	0.57	0.45	0.37	0.32	0.25	0.20
	0.30		0.81	0.68	0.59	0.51	0.42	0.35	0.30	0.24	0.19
	0.20		0.71	0.60	0.53	0.47	0.39	0.33	0.28	0.22	0.19
0.00	0.00	0.00	0.60	0.51	0.44	0.39	0.31	0.26	0.22	0.18	0.14
Rating:5W 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 = 1.25								
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	0.18	0.19	0.20	0.21	0.21	0.22	0.22	0.22
	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	0.18	0.19	0.20	0.20	0.21	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	0.16	0.17
0.30	0.50	0.20	0.16	0.17	0.18	0.18	0.19	0.20	0.20	0.20	0.21
	0.30		0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.18
	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:5W 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	147.4	0.1	0.1	0.03	0.03
1.0-2.0	147.3	0.4	0.6	0.10	0.13
2.0-3.0	147.2	0.7	1.3	0.16	0.29
3.0-4.0	147.1	1.0	2.3	0.23	0.52
4.0-5.0	146.9	1.3	3.5	0.29	0.81
5.0-6.0	146.6	1.5	5.1	0.36	1.17
6.0-7.0	146.4	1.8	6.9	0.42	1.59
7.0-8.0	146.0	2.1	9.0	0.48	2.07
8.0-9.0	145.6	2.4	11.3	0.54	2.61
9.0-10.0	145.2	2.6	14.0	0.61	3.22
10.0-11.0	144.7	2.9	16.8	0.67	3.89
11.0-12.0	144.2	3.2	20.0	0.73	4.62
12.0-13.0	143.6	3.4	23.4	0.79	5.40
13.0-14.0	143.0	3.7	27.1	0.84	6.25
14.0-15.0	142.3	3.9	31.0	0.90	7.15
15.0-16.0	141.5	4.1	35.1	0.96	8.11
16.0-17.0	140.8	4.4	39.5	1.01	9.12
17.0-18.0	140.0	4.6	44.1	1.07	10.19
18.0-19.0	139.1	4.8	49.0	1.12	11.30
19.0-20.0	138.2	5.1	54.0	1.17	12.47
20.0-21.0	137.3	5.3	59.3	1.22	13.69
21.0-22.0	136.2	5.5	64.8	1.26	14.95
22.0-23.0	135.2	5.7	70.4	1.31	16.26
23.0-24.0	134.1	5.9	76.3	1.35	17.62
24.0-25.0	133.0	6.0	82.4	1.40	19.01
25.0-26.0	131.8	6.2	88.6	1.44	20.45
26.0-27.0	130.6	6.4	95.0	1.48	21.92
27.0-28.0	129.4	6.5	101.5	1.51	23.44
28.0-29.0	128.0	6.7	108.2	1.55	24.98
29.0-30.0	126.7	6.8	115.1	1.58	26.56
30.0-31.0	125.2	7.0	122.0	1.61	28.17
31.0-32.0	123.8	7.1	129.1	1.64	29.81
32.0-33.0	122.4	7.2	136.3	1.66	31.47
33.0-34.0	120.9	7.3	143.6	1.69	33.16
34.0-35.0	119.3	7.4	151.1	1.71	34.87
35.0-36.0	117.7	7.5	158.5	1.73	36.60

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	116.0	7.6	166.1	1.75	38.35
37.0-38.0	114.4	7.6	173.8	1.76	40.11
38.0-39.0	112.6	7.7	181.4	1.78	41.89
39.0-40.0	110.9	7.7	189.2	1.79	43.67
40.0-41.0	109.2	7.8	197.0	1.79	45.47
41.0-42.0	107.3	7.8	204.7	1.80	47.27
42.0-43.0	105.4	7.8	212.6	1.80	49.07
43.0-44.0	103.5	7.8	220.4	1.80	50.87
44.0-45.0	101.6	7.8	228.2	1.80	52.68
45.0-46.0	99.6	7.8	236.0	1.80	54.48
46.0-47.0	97.6	7.8	243.7	1.79	56.27
47.0-48.0	95.5	7.7	251.5	1.78	58.05
48.0-49.0	93.4	7.7	259.1	1.77	59.82
49.0-50.0	91.3	7.6	266.7	1.76	61.58
50.0-51.0	89.2	7.5	274.3	1.74	63.32
51.0-52.0	87.0	7.5	281.8	1.72	65.05
52.0-53.0	84.8	7.4	289.1	1.70	66.75
53.0-54.0	82.5	7.3	296.4	1.68	68.43
54.0-55.0	80.3	7.2	303.6	1.65	70.08
55.0-56.0	78.0	7.0	310.6	1.63	71.71
56.0-57.0	75.7	6.9	317.5	1.60	73.31
57.0-58.0	73.3	6.8	324.3	1.56	74.87
58.0-59.0	70.9	6.6	330.9	1.53	76.40
59.0-60.0	68.5	6.5	337.4	1.49	77.90
60.0-61.0	66.0	6.3	343.7	1.46	79.35
61.0-62.0	63.6	6.1	349.9	1.42	80.77
62.0-63.0	61.1	5.9	355.8	1.37	82.14
63.0-64.0	58.6	5.7	361.5	1.33	83.47
64.0-65.0	56.0	5.5	367.1	1.28	84.75
65.0-66.0	53.5	5.3	372.4	1.23	85.98
66.0-67.0	51.0	5.1	377.6	1.18	87.16
67.0-68.0	48.4	4.9	382.5	1.13	88.29
68.0-69.0	45.8	4.7	387.1	1.08	89.37
69.0-70.0	43.1	4.4	391.6	1.02	90.39
70.0-71.0	40.5	4.2	395.7	0.97	91.36
71.0-72.0	38.0	3.9	399.7	0.91	92.27

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:

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	35.4	3.7	403.4	0.85	93.13
73.0-74.0	32.8	3.5	406.9	0.80	93.93
74.0-75.0	30.3	3.2	410.1	0.74	94.66
75.0-76.0	27.7	2.9	413.0	0.68	95.34
76.0-77.0	25.2	2.7	415.7	0.62	95.96
77.0-78.0	22.8	2.4	418.1	0.56	96.53
78.0-79.0	20.5	2.2	420.3	0.51	97.04
79.0-80.0	18.2	2.0	422.3	0.45	97.49
80.0-81.0	15.9	1.7	424.0	0.40	97.89
81.0-82.0	13.7	1.5	425.5	0.34	98.23
82.0-83.0	11.7	1.3	426.8	0.29	98.53
83.0-84.0	9.8	1.1	427.9	0.25	98.77
84.0-85.0	7.8	0.9	428.7	0.20	98.97
85.0-86.0	6.0	0.7	429.4	0.15	99.12
86.0-87.0	4.4	0.5	429.8	0.11	99.23
87.0-88.0	3.1	0.3	430.2	0.08	99.31
88.0-89.0	2.0	0.2	430.4	0.05	99.36
89.0-90.0	1.2	0.1	430.5	0.03	99.39
90.0-91.0	0.7	0.1	430.6	0.02	99.41
91.0-92.0	0.4	0.0	430.7	0.01	99.42
92.0-93.0	0.3	0.0	430.7	0.01	99.43
93.0-94.0	0.2	0.0	430.7	0.00	99.43
94.0-95.0	0.2	0.0	430.7	0.00	99.44
95.0-96.0	0.2	0.0	430.7	0.00	99.44
96.0-97.0	0.1	0.0	430.8	0.00	99.44
97.0-98.0	0.1	0.0	430.8	0.00	99.45
98.0-99.0	0.1	0.0	430.8	0.00	99.45
99.0-100.0	0.1	0.0	430.8	0.00	99.45
100.0-101.0	0.1	0.0	430.8	0.00	99.46
101.0-102.0	0.2	0.0	430.8	0.00	99.46
102.0-103.0	0.2	0.0	430.9	0.01	99.47
103.0-104.0	0.2	0.0	430.9	0.00	99.47
104.0-105.0	0.2	0.0	430.9	0.01	99.48
105.0-106.0	0.3	0.0	430.9	0.01	99.48
106.0-107.0	0.2	0.0	431.0	0.01	99.49
107.0-108.0	0.2	0.0	431.0	0.00	99.49

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	0.3	0.0	431.0	0.01	99.50
109.0-110.0	0.3	0.0	431.0	0.01	99.51
110.0-111.0	0.3	0.0	431.1	0.01	99.51
111.0-112.0	0.3	0.0	431.1	0.01	99.52
112.0-113.0	0.3	0.0	431.1	0.01	99.53
113.0-114.0	0.3	0.0	431.1	0.01	99.53
114.0-115.0	0.3	0.0	431.2	0.01	99.54
115.0-116.0	0.3	0.0	431.2	0.01	99.55
116.0-117.0	0.4	0.0	431.2	0.01	99.55
117.0-118.0	0.3	0.0	431.3	0.01	99.56
118.0-119.0	0.4	0.0	431.3	0.01	99.57
119.0-120.0	0.4	0.0	431.3	0.01	99.58
120.0-121.0	0.4	0.0	431.4	0.01	99.59
121.0-122.0	0.4	0.0	431.4	0.01	99.60
122.0-123.0	0.5	0.0	431.5	0.01	99.61
123.0-124.0	0.4	0.0	431.5	0.01	99.62
124.0-125.0	0.4	0.0	431.5	0.01	99.62
125.0-126.0	0.4	0.0	431.6	0.01	99.63
126.0-127.0	0.4	0.0	431.6	0.01	99.64
127.0-128.0	0.4	0.0	431.7	0.01	99.65
128.0-129.0	0.5	0.0	431.7	0.01	99.66
129.0-130.0	0.5	0.0	431.7	0.01	99.67
130.0-131.0	0.5	0.0	431.8	0.01	99.68
131.0-132.0	0.6	0.0	431.8	0.01	99.69
132.0-133.0	0.5	0.0	431.9	0.01	99.70
133.0-134.0	0.5	0.0	431.9	0.01	99.71
134.0-135.0	0.5	0.0	431.9	0.01	99.72
135.0-136.0	0.5	0.0	432.0	0.01	99.73
136.0-137.0	0.5	0.0	432.0	0.01	99.74
137.0-138.0	0.6	0.0	432.1	0.01	99.75
138.0-139.0	0.6	0.0	432.1	0.01	99.76
139.0-140.0	0.6	0.0	432.1	0.01	99.77
140.0-141.0	0.6	0.0	432.2	0.01	99.77
141.0-142.0	0.6	0.0	432.2	0.01	99.78
142.0-143.0	0.6	0.0	432.3	0.01	99.79
143.0-144.0	0.6	0.0	432.3	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	0.6	0.0	432.4	0.01	99.81
145.0-146.0	0.7	0.0	432.4	0.01	99.82
146.0-147.0	0.7	0.0	432.4	0.01	99.83
147.0-148.0	0.6	0.0	432.5	0.01	99.84
148.0-149.0	0.7	0.0	432.5	0.01	99.85
149.0-150.0	0.7	0.0	432.5	0.01	99.86
150.0-151.0	0.7	0.0	432.6	0.01	99.86
151.0-152.0	0.7	0.0	432.6	0.01	99.87
152.0-153.0	0.7	0.0	432.7	0.01	99.88
153.0-154.0	0.7	0.0	432.7	0.01	99.89
154.0-155.0	0.7	0.0	432.7	0.01	99.90
155.0-156.0	0.7	0.0	432.7	0.01	99.90
156.0-157.0	0.7	0.0	432.8	0.01	99.91
157.0-158.0	0.8	0.0	432.8	0.01	99.92
158.0-159.0	0.7	0.0	432.8	0.01	99.93
159.0-160.0	0.7	0.0	432.9	0.01	99.93
160.0-161.0	0.8	0.0	432.9	0.01	99.94
161.0-162.0	0.8	0.0	432.9	0.01	99.94
162.0-163.0	0.8	0.0	433.0	0.01	99.95
163.0-164.0	0.7	0.0	433.0	0.01	99.96
164.0-165.0	0.7	0.0	433.0	0.00	99.96
165.0-166.0	0.8	0.0	433.0	0.00	99.97
166.0-167.0	0.8	0.0	433.0	0.00	99.97
167.0-168.0	0.8	0.0	433.1	0.00	99.97
168.0-169.0	0.7	0.0	433.1	0.00	99.98
169.0-170.0	0.8	0.0	433.1	0.00	99.98
170.0-171.0	0.8	0.0	433.1	0.00	99.99
171.0-172.0	0.8	0.0	433.1	0.00	99.99
172.0-173.0	0.8	0.0	433.1	0.00	99.99
173.0-174.0	0.8	0.0	433.1	0.00	99.99
174.0-175.0	0.8	0.0	433.1	0.00	100.00
175.0-176.0	0.8	0.0	433.2	0.00	100.00
176.0-177.0	0.8	0.0	433.2	0.00	100.00
177.0-178.0	0.8	0.0	433.2	0.00	100.00
178.0-179.0	0.8	0.0	433.2	0.00	100.00
179.0-180.0	0.8	0.0	433.2	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: