

Report No.:

Test Time: 2020/3/15 14:38

Luminaire Property

Luminaire Manufacturer: ACOLYTE

Luminaire Category: RIBBONLYTE

Luminaire Description: RBS220240.75G-S23.0

Luminous Length (mm): 500

Luminous Width (mm): 8

Luminous Height (mm): 1

Voltage: 24.0 V

Current: 0.054 A

Power: 1.30 W

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 227.8 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(10%,50%): H167.6,H131.6

Vertical Diffuse Angle(10%,50%): V167.3,V129.4

Luminaire Efficacy Rating (LER): 175

Max. Intensity: 65 cd

Total Rated Lamp Lumens: 227.8 lm

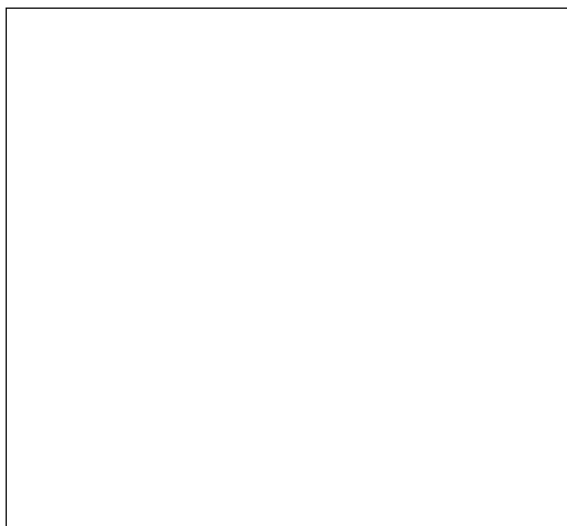
Efficiency: 100%

Upward Ratio: 1%

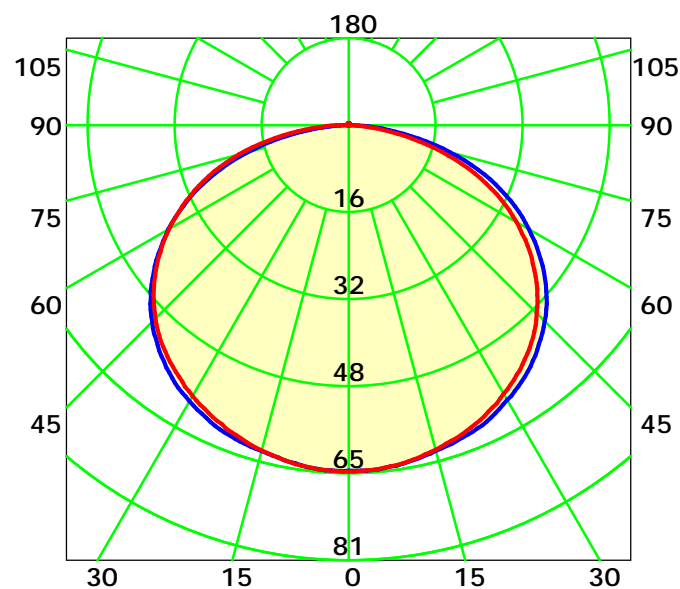
Central Intensity: 64.77 cd

Pos of Max. Intensity: H120 V1

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 130.5° 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

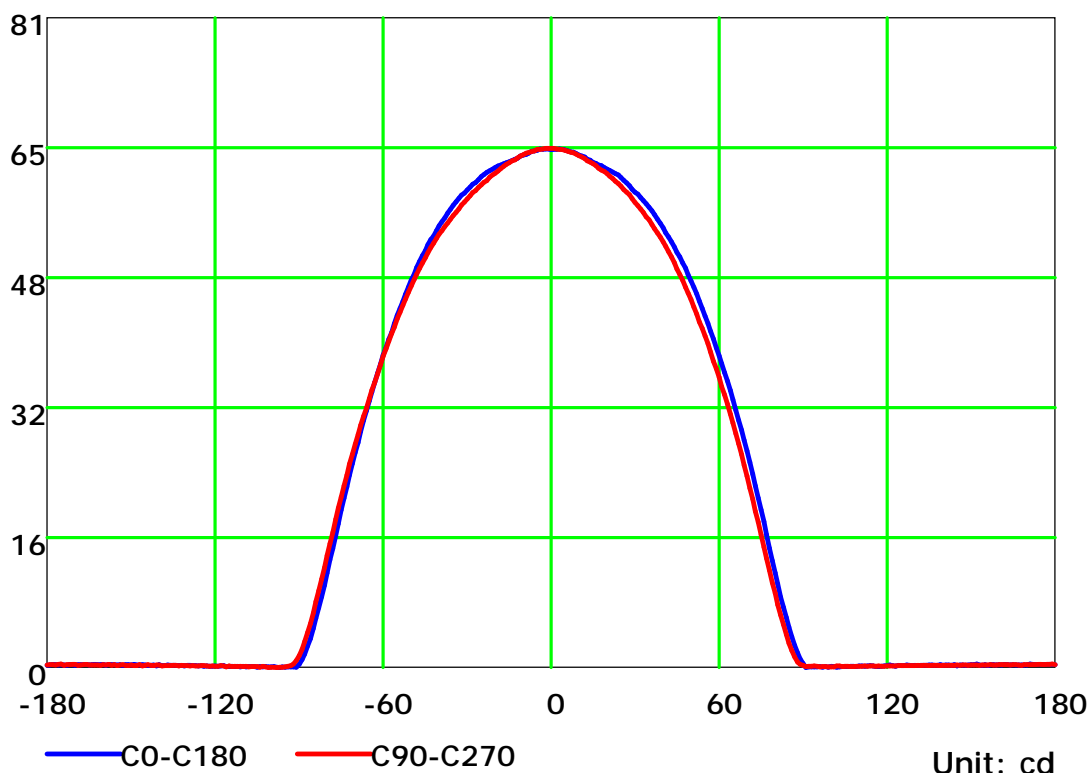
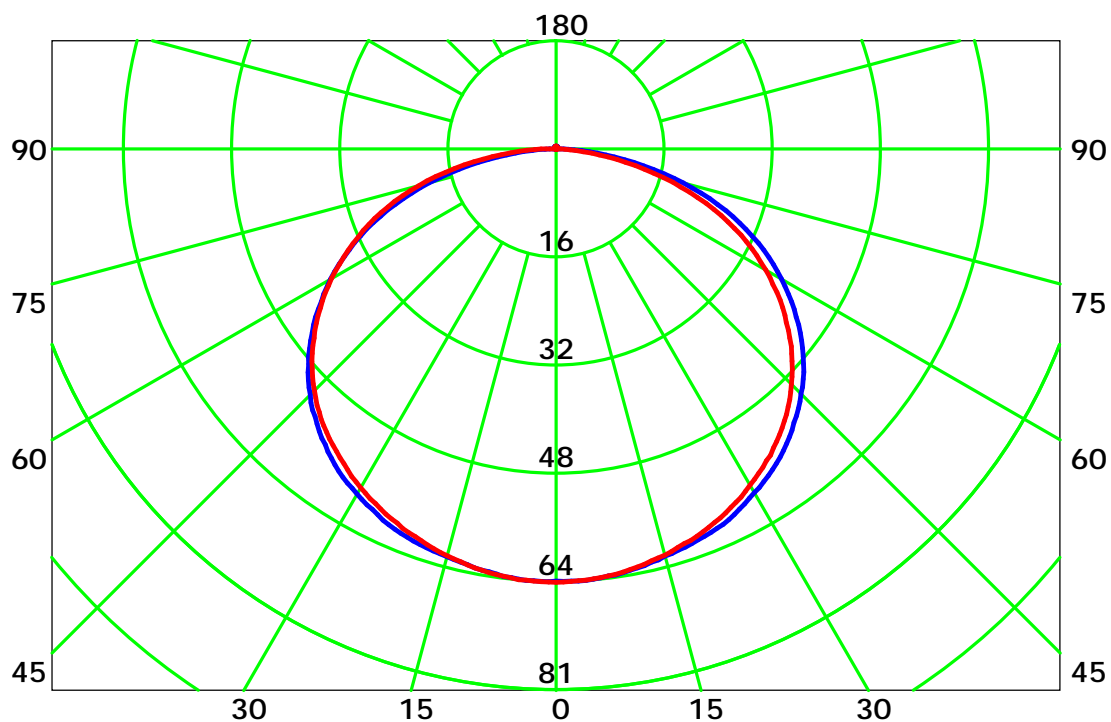
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

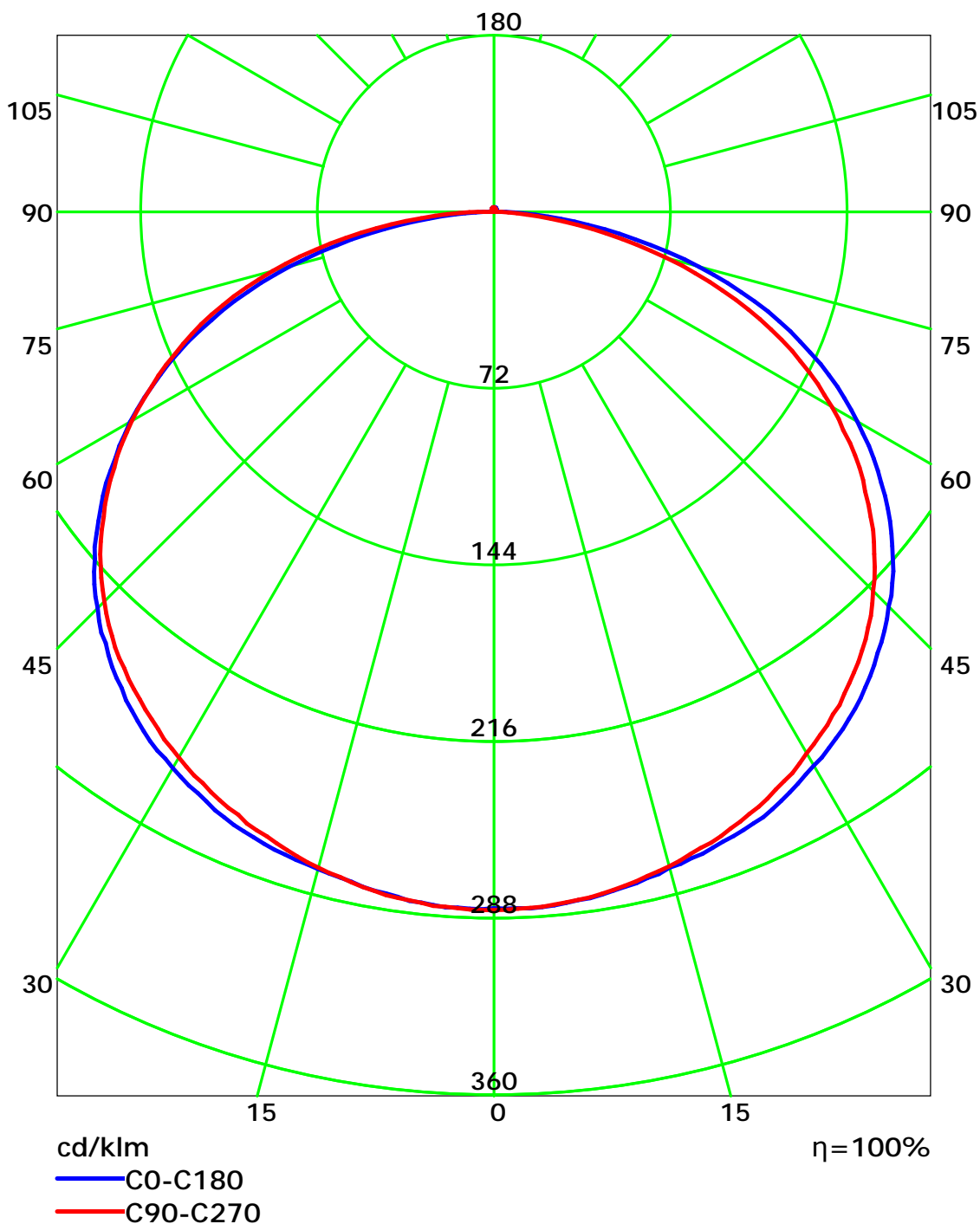
Luminous Intensity Distribution Curve



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:

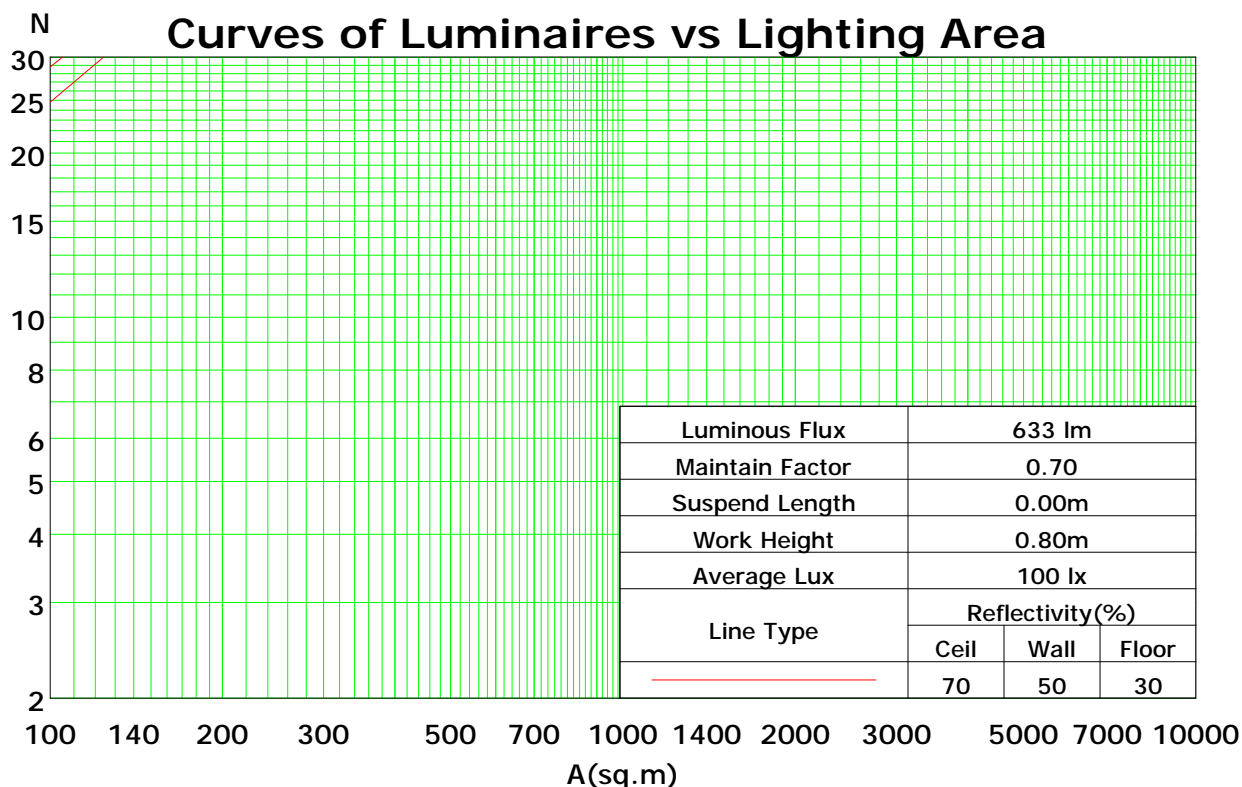
Coefficients Of Utilization - Zonal Cavity Method

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	102	98	93	105	100	96	92	95	92	89	91	89	86	88	85	83	81
2	97	88	81	74	94	86	79	73	82	77	72	79	74	70	76	72	68	66
3	88	76	68	61	85	75	67	60	72	65	59	69	63	58	66	61	57	54
4	80	67	58	51	78	66	57	50	63	56	50	61	54	49	58	53	48	46
5	73	60	50	43	71	58	50	43	56	48	42	54	47	42	52	46	41	39
6	67	53	44	37	65	52	43	37	50	43	37	49	42	36	47	41	36	34
7	62	48	39	33	60	47	39	32	46	38	32	44	37	32	43	36	32	29
8	58	44	35	29	56	43	35	29	42	34	28	40	33	28	39	33	28	26
9	54	40	32	26	52	39	31	26	38	31	25	37	30	25	36	30	25	23
10	51	37	29	23	49	36	28	23	35	28	23	34	28	23	33	27	23	21

Spacing Criteria (0-180): 1.38

Spacing Criteria (90-270): 1.34

Spacing Criteria (Diagonal): 1.51



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

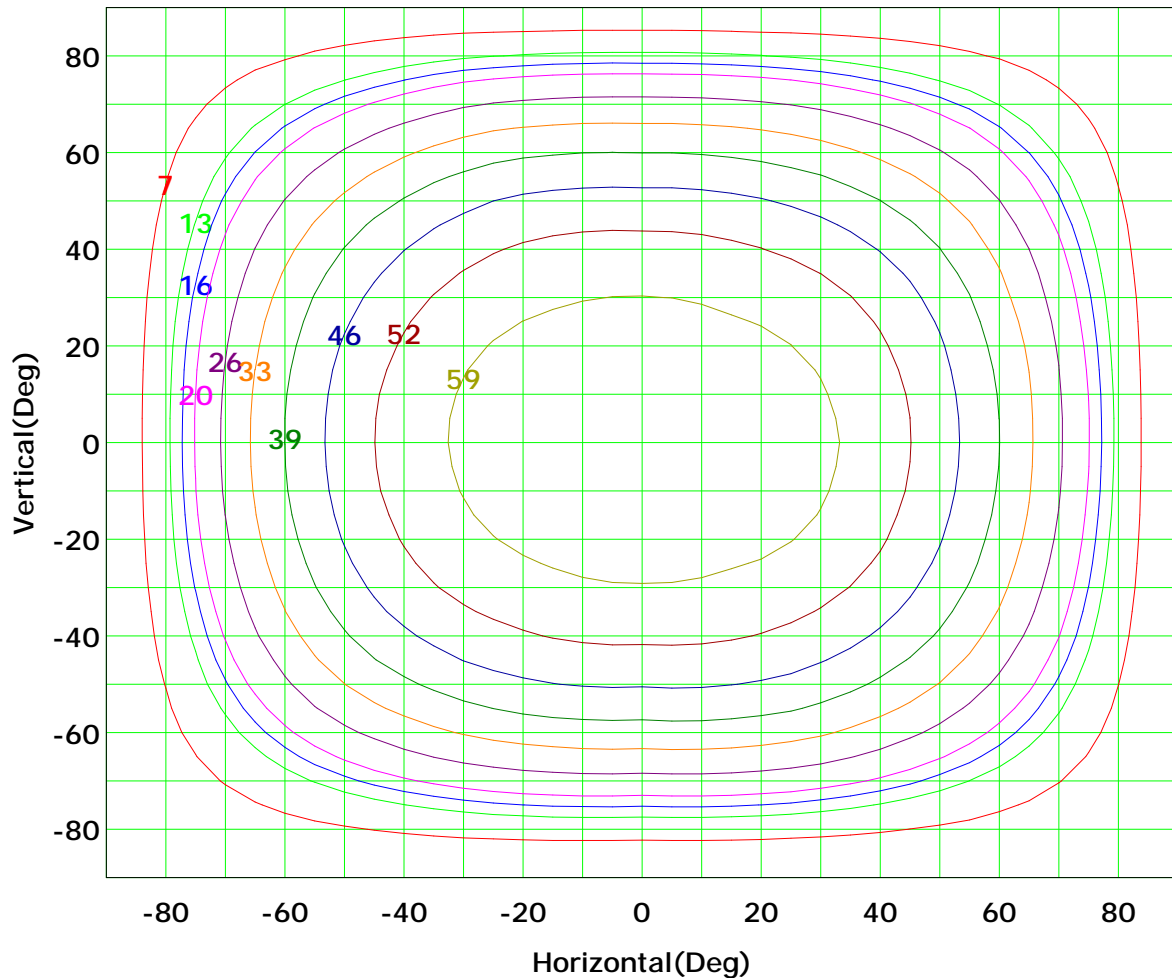
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



Imax (100%): 65 cd

(10%):	7 cd	(20%):	13 cd
(25%):	16 cd	(30%):	20 cd
(40%):	26 cd	(50%):	33 cd
(60%):	39 cd	(70%):	46 cd
(80%):	52 cd	(90%):	59 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

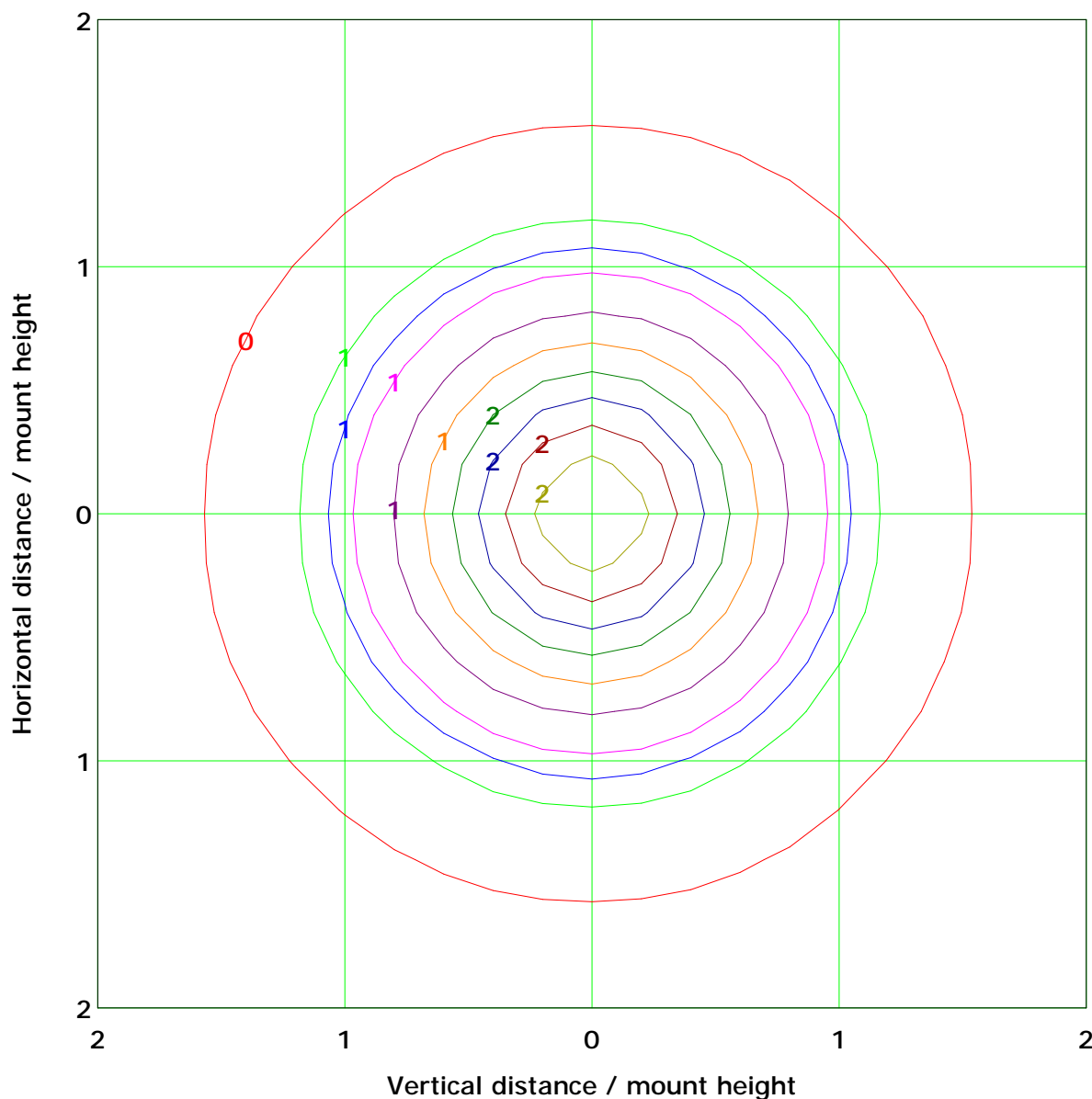
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

IsoLux Plot



Mounting Height: 5.0m Max Lux(100%): 2.6 lx

(10%): 0.3 lx	(20%): 0.5 lx
(25%): 0.6 lx	(30%): 0.8 lx
(40%): 1.0 lx	(50%): 1.3 lx
(60%): 1.6 lx	(70%): 1.8 lx
(80%): 2.1 lx	(90%): 2.3 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

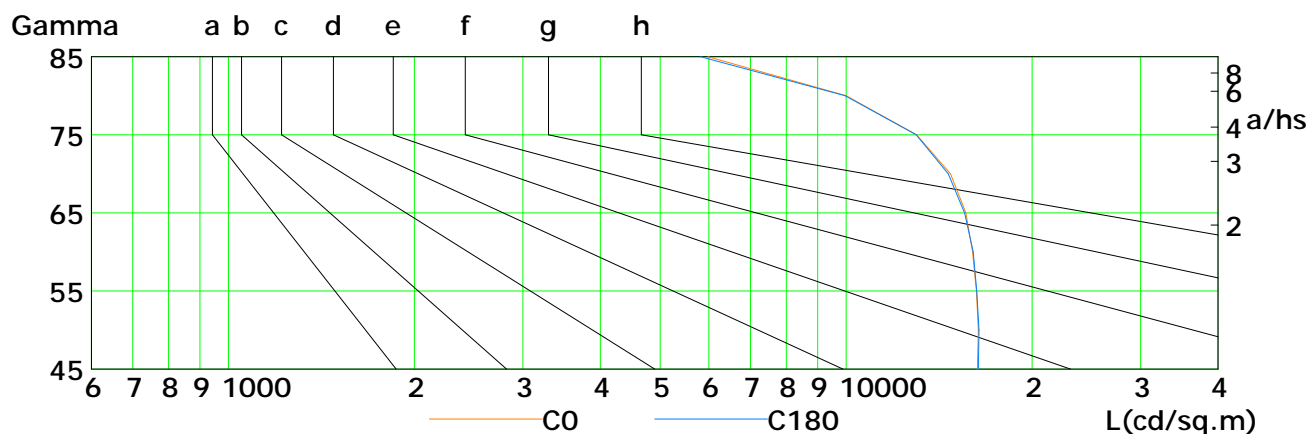
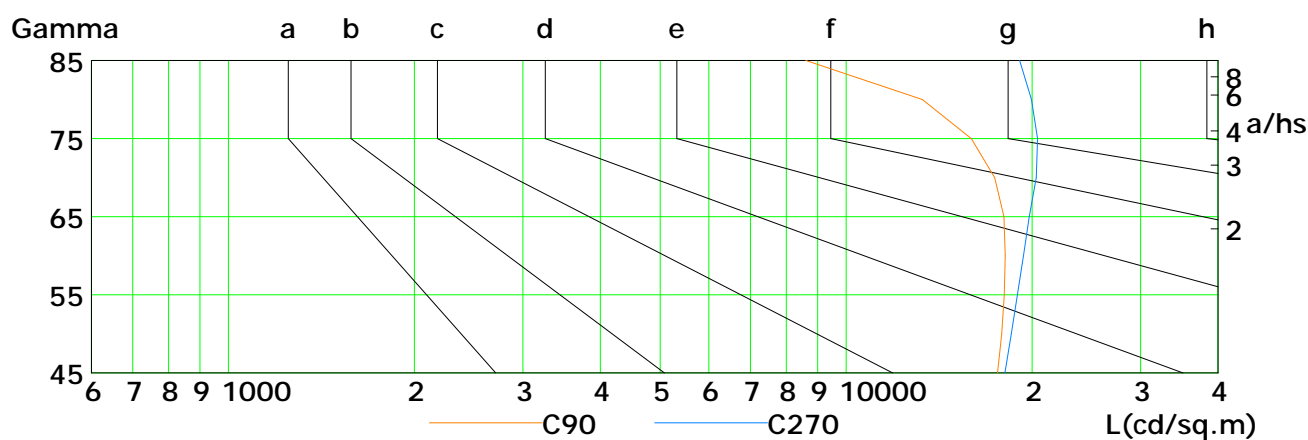
Humidity: 60%

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	16317	16370	16254	16034	15637	14761	13002	10000	5976
C90	17593	17864	18032	18092	18018	17411	15944	13296	8609
C180	16386	16411	16288	16062	15562	14647	12995	9975	5811
C270	18080	18523	18945	19388	19809	20326	20431	19972	19097

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

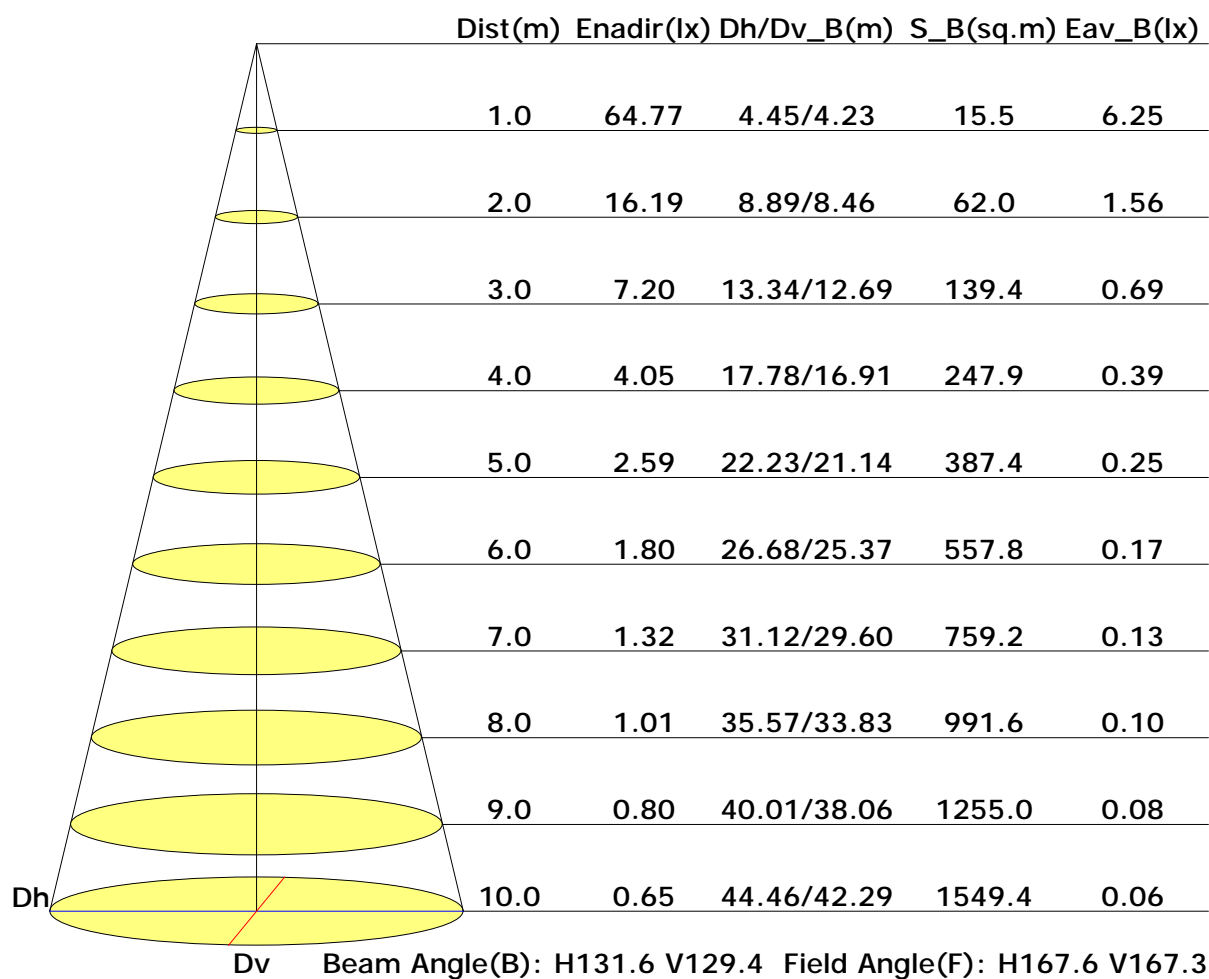
Test Device: GPM-1800B

Distance: 9.028 m

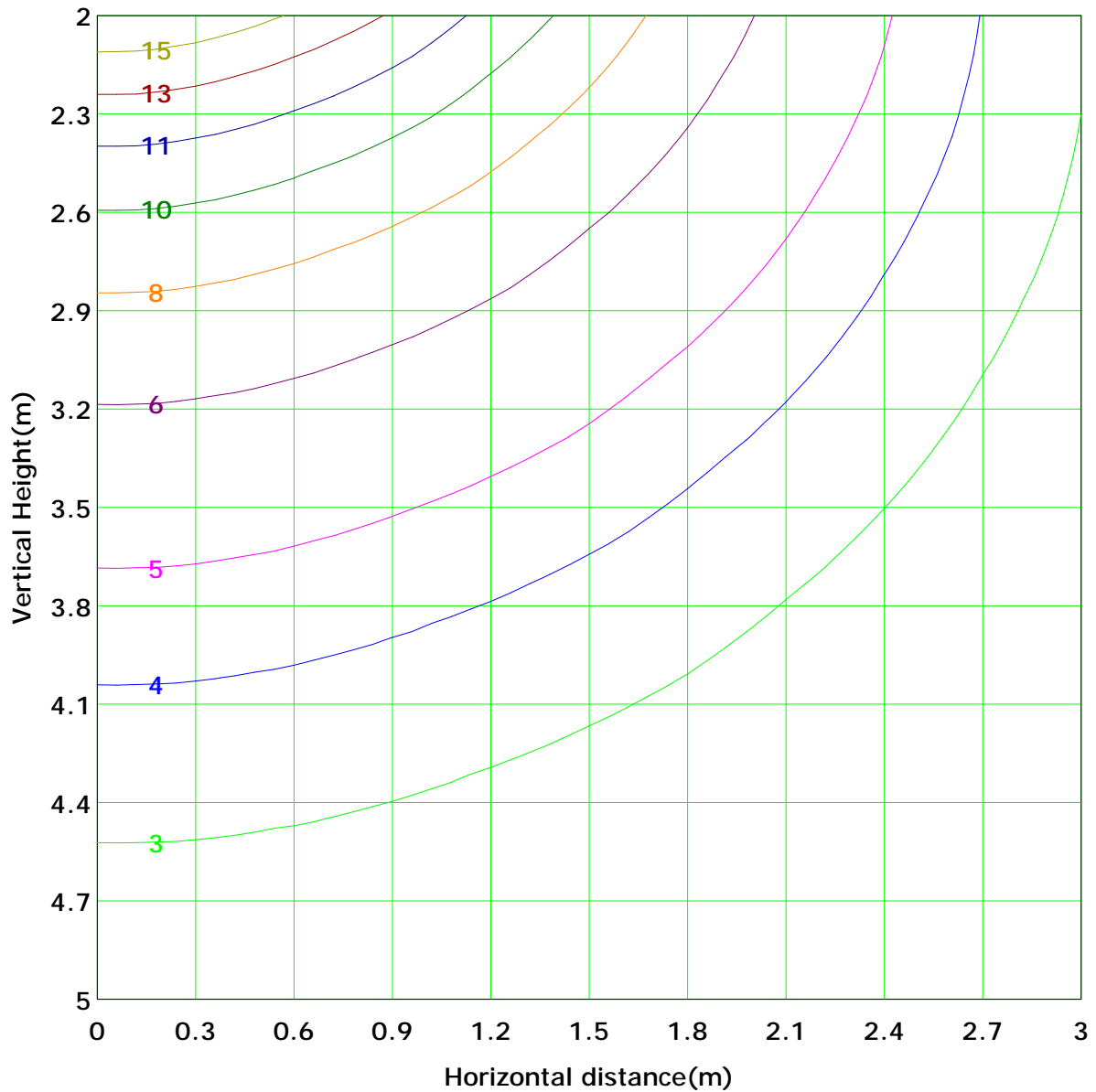
Humidity: 60%

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 16.2 lx
(10%): 1.6 lx	(20%): 3.2 lx	
(25%): 4.0 lx	(30%): 4.9 lx	
(40%): 6.5 lx	(50%): 8.1 lx	
(60%): 9.7 lx	(70%): 11.3 lx	
(80%): 13.0 lx	(90%): 14.6 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

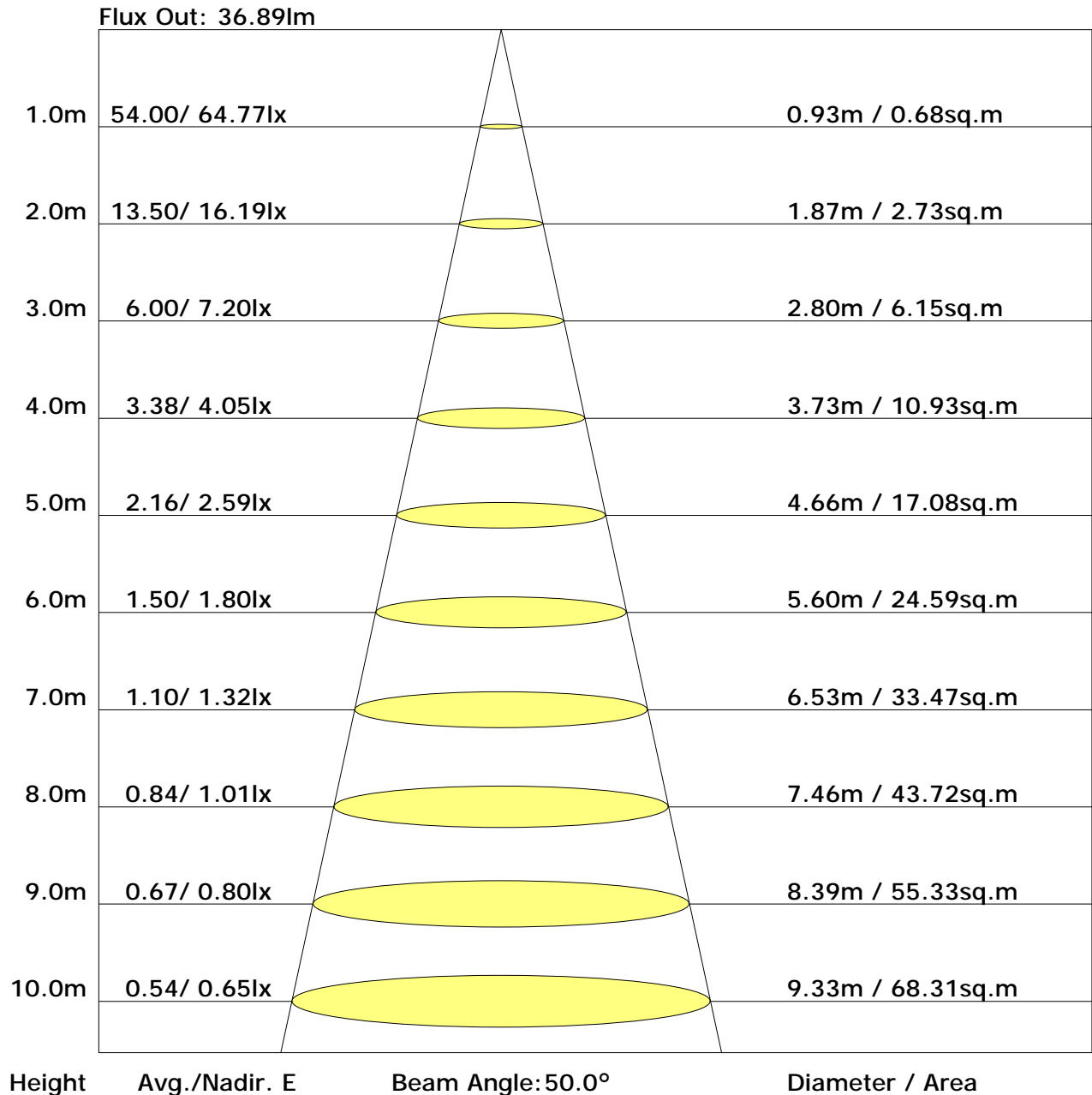
Vertical plane		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
Horizontal plane	-90	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.2	0.1
	-80	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	1.7	1.6
	-70	0.0	0.1	0.2	0.3	0.5	0.7	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.7	0.5	0.4	0.3	0.0	4.8	4.7
	-60	0.0	0.1	0.2	0.5	0.7	0.9	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.1	0.9	0.7	0.5	0.4	0.0	8.9	8.8
	-50	0.0	0.1	0.3	0.6	0.9	1.1	1.3	1.5	1.5	1.5	1.5	1.5	1.5	1.3	1.1	0.9	0.7	0.5	0.0	13.2	13.1
	-40	0.0	0.1	0.4	0.7	1.0	1.2	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.3	1.1	0.9	0.7	0.5	0.0	17.2	17.1
	-30	0.0	0.1	0.4	0.7	1.0	1.3	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.5	1.3	1.1	0.9	0.7	0.0	20.5	20.4
	-20	0.0	0.1	0.4	0.7	1.1	1.4	1.6	1.8	1.9	1.9	1.9	1.9	1.9	1.6	1.4	1.1	0.9	0.7	0.0	22.7	22.5
	-10	0.0	0.2	0.4	0.8	1.1	1.4	1.7	1.9	2.0	2.0	2.0	2.0	2.0	1.8	1.6	1.4	1.1	0.9	0.0	23.8	23.7
	0	0.0	0.2	0.4	0.8	1.1	1.4	1.7	1.9	2.0	2.0	2.0	2.0	2.0	1.8	1.6	1.4	1.1	0.9	0.0	23.8	23.7
	10	0.0	0.2	0.4	0.7	1.1	1.4	1.7	1.9	2.0	2.0	1.9	1.9	1.9	1.7	1.5	1.3	1.1	0.9	0.0	22.7	22.6
	20	0.0	0.2	0.4	0.7	1.1	1.4	1.7	1.9	2.0	2.0	1.9	1.9	1.9	1.7	1.5	1.3	1.1	0.9	0.0	20.5	20.4
	30	0.0	0.1	0.4	0.7	1.0	1.3	1.6	1.8	1.9	1.9	1.8	1.8	1.7	1.6	1.4	1.2	1.0	0.8	0.0	17.2	17.1
	40	0.0	0.1	0.3	0.6	0.8	1.1	1.3	1.6	1.8	1.9	1.8	1.7	1.6	1.5	1.3	1.1	0.9	0.7	0.0	13.2	13.1
	50	0.0	0.1	0.3	0.6	0.8	1.1	1.3	1.6	1.8	1.9	1.8	1.7	1.6	1.5	1.3	1.1	0.9	0.7	0.0	8.9	8.8
	60	0.0	0.1	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.5	1.5	1.5	1.4	1.3	1.1	0.9	0.7	0.5	0.0	4.9	4.7
	70	0.0	0.1	0.2	0.3	0.5	0.7	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0.6	0.5	0.3	0.2	0.0	1.7	1.6
	80	0.0	0.0	0.1	0.2	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	0.1	0.0	0.2	0.1
	90	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	0.1	0.1	0.1	0.0	0.0	226	224
	Flux(T)	0.2	1.7	4.8	8.9	13.2	17.2	20.5	22.7	23.8	23.8	22.7	20.5	17.2	13.2	8.9	4.9	1.7	0.2	0.0	226	224
	Flux(E)	0.1	1.6	4.7	8.8	13.1	17.1	20.4	22.5	23.7	23.7	22.6	20.4	17.1	13.1	8.8	4.7	1.6	0.1	0.0	224	224

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	27.6	29.3	28.0	29.7	30.0	26.9	28.6	27.3	29.0	29.3
3H	29.8	31.4	30.2	31.7	32.1	28.8	30.4	29.2	30.7	31.1
4H	30.7	32.1	31.1	32.5	32.9	29.4	30.9	29.9	31.3	31.7
6H	31.3	32.6	31.7	33.0	33.4	29.8	31.2	30.2	31.6	32.0
8H	31.4	32.8	31.9	33.2	33.6	29.9	31.2	30.3	31.6	32.0
12H	31.6	32.8	32.0	33.2	33.7	29.9	31.2	30.4	31.6	32.0
X=4H Y=2H	28.3	29.8	28.7	30.1	30.5	27.7	29.2	28.1	29.6	29.9
3H	30.7	31.9	31.1	32.3	32.8	29.8	31.1	30.2	31.5	31.9
4H	31.7	32.8	32.1	33.2	33.7	30.6	31.7	31.0	32.1	32.6
6H	32.4	33.4	32.9	33.8	34.3	31.0	32.0	31.5	32.5	32.9
8H	32.6	33.6	33.1	34.0	34.5	31.1	32.1	31.6	32.5	33.0
12H	32.8	33.6	33.3	34.1	34.6	31.2	32.0	31.7	32.5	33.0
X=8H Y=4H	32.0	32.9	32.4	33.4	33.8	30.9	31.9	31.4	32.3	32.8
6H	32.8	33.6	33.3	34.1	34.6	31.5	32.3	32.0	32.8	33.3
8H	33.1	33.8	33.6	34.3	34.8	31.7	32.4	32.2	32.9	33.4
12H	33.4	34.0	33.9	34.5	35.0	31.8	32.4	32.3	32.9	33.4
X=12H Y=4H	32.0	32.8	32.5	33.3	33.8	31.0	31.8	31.5	32.3	32.8
6H	32.9	33.6	33.4	34.0	34.6	31.6	32.3	32.1	32.8	33.3
8H	33.2	33.8	33.7	34.3	34.9	31.8	32.4	32.3	32.9	33.5

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	0.55	0.64	0.72	0.77	0.85	0.90	0.94	0.99	1.02
	0.30		0.47	0.56	0.64	0.70	0.78	0.84	0.88	0.94	0.98
	0.20		0.41	0.50	0.58	0.64	0.73	0.79	0.84	0.90	0.95
0.50	0.50	0.20	0.54	0.62	0.69	0.74	0.82	0.86	0.90	0.95	0.98
	0.30		0.46	0.54	0.62	0.68	0.76	0.81	0.85	0.91	0.94
	0.20		0.41	0.49	0.57	0.63	0.71	0.77	0.82	0.88	0.92
0.30	0.50	0.20	0.52	0.60	0.67	0.72	0.79	0.83	0.86	0.91	0.94
	0.30		0.46	0.53	0.61	0.66	0.74	0.79	0.83	0.88	0.91
	0.20		0.41	0.48	0.56	0.62	0.70	0.75	0.79	0.85	0.89
0.00	0.00	0.00	0.38	0.46	0.53	0.59	0.66	0.71	0.75	0.80	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	1.02	0.87	0.74	0.65	0.52	0.43	0.37	0.29	0.24	
	0.30		0.85	0.74	0.64	0.57	0.47	0.40	0.34	0.27	0.22	
	0.20		0.73	0.65	0.57	0.51	0.43	0.37	0.32	0.26	0.21	
0.50	0.50	0.20	0.98	0.84	0.71	0.62	0.50	0.45	0.35	0.28	0.22	
	0.30		0.83	0.73	0.63	0.56	0.45	0.38	0.33	0.26	0.22	
	0.20		0.72	0.64	0.56	0.50	0.42	0.36	0.31	0.25	0.21	
0.30	0.50	0.20	0.95	0.80	0.68	0.60	0.48	0.40	0.34	0.26	0.22	
	0.30		0.81	0.71	0.61	0.54	0.44	0.37	0.32	0.25	0.21	
	0.20		0.71	0.63	0.55	0.49	0.41	0.35	0.30	0.24	0.20	
0.00	0.00	0.00	0.61	0.54	0.46	0.41	0.33	0.28	0.24	0.19	0.16	
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	0.19	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	0.09	0.11	0.13	0.14	0.16	0.17
0.50	0.50	0.20	0.17	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	0.20	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	0.06	0.08	0.09	0.11	0.12	0.13	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											

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	64.9	0.1	0.1	0.03	0.03
1.0-2.0	64.9	0.2	0.2	0.08	0.11
2.0-3.0	64.9	0.3	0.6	0.14	0.25
3.0-4.0	64.9	0.4	1.0	0.19	0.44
4.0-5.0	64.8	0.6	1.6	0.24	0.68
5.0-6.0	64.7	0.7	2.2	0.30	0.98
6.0-7.0	64.6	0.8	3.0	0.35	1.33
7.0-8.0	64.5	0.9	4.0	0.41	1.74
8.0-9.0	64.4	1.0	5.0	0.46	2.19
9.0-10.0	64.2	1.2	6.2	0.51	2.71
10.0-11.0	64.0	1.3	7.4	0.56	3.27
11.0-12.0	63.9	1.4	8.8	0.61	3.88
12.0-13.0	63.7	1.5	10.3	0.66	4.54
13.0-14.0	63.5	1.6	12.0	0.71	5.26
14.0-15.0	63.3	1.7	13.7	0.76	6.02
15.0-16.0	63.0	1.8	15.6	0.81	6.83
16.0-17.0	62.8	2.0	17.5	0.86	7.69
17.0-18.0	62.6	2.1	19.6	0.91	8.60
18.0-19.0	62.3	2.2	21.7	0.95	9.55
19.0-20.0	62.1	2.3	24.0	1.00	10.55
20.0-21.0	61.9	2.4	26.4	1.04	11.59
21.0-22.0	61.6	2.5	28.9	1.09	12.68
22.0-23.0	61.4	2.6	31.5	1.13	13.81
23.0-24.0	61.1	2.7	34.1	1.17	14.98
24.0-25.0	60.8	2.8	36.9	1.21	16.20
25.0-26.0	60.5	2.9	39.7	1.25	17.45
26.0-27.0	60.2	2.9	42.7	1.29	18.75
27.0-28.0	59.9	3.0	45.7	1.33	20.08
28.0-29.0	59.5	3.1	48.8	1.37	21.44
29.0-30.0	59.2	3.2	52.0	1.40	22.85
30.0-31.0	58.8	3.3	55.3	1.44	24.28
31.0-32.0	58.4	3.3	58.7	1.47	25.75
32.0-33.0	58.0	3.4	62.1	1.50	27.26
33.0-34.0	57.6	3.5	65.6	1.53	28.79
34.0-35.0	57.2	3.6	69.1	1.56	30.35
35.0-36.0	56.8	3.6	72.7	1.59	31.93

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	56.3	3.7	76.4	1.61	33.55
37.0-38.0	55.8	3.7	80.1	1.64	35.18
38.0-39.0	55.3	3.8	83.9	1.66	36.84
39.0-40.0	54.8	3.8	87.7	1.68	38.52
40.0-41.0	54.3	3.9	91.6	1.70	40.22
41.0-42.0	53.7	3.9	95.5	1.71	41.93
42.0-43.0	53.1	3.9	99.4	1.73	43.66
43.0-44.0	52.5	4.0	103.4	1.74	45.40
44.0-45.0	51.9	4.0	107.4	1.75	47.15
45.0-46.0	51.2	4.0	111.4	1.76	48.91
46.0-47.0	50.6	4.0	115.4	1.77	50.68
47.0-48.0	49.9	4.0	119.4	1.77	52.45
48.0-49.0	49.1	4.0	123.5	1.77	54.22
49.0-50.0	48.4	4.0	127.5	1.77	55.99
50.0-51.0	47.6	4.0	131.5	1.77	57.76
51.0-52.0	46.8	4.0	135.6	1.76	59.52
52.0-53.0	46.0	4.0	139.6	1.76	61.28
53.0-54.0	45.1	4.0	143.5	1.75	63.02
54.0-55.0	44.2	3.9	147.5	1.73	64.76
55.0-56.0	43.3	3.9	151.4	1.72	66.47
56.0-57.0	42.3	3.9	155.3	1.70	68.17
57.0-58.0	41.4	3.8	159.1	1.68	69.85
58.0-59.0	40.4	3.8	162.9	1.66	71.51
59.0-60.0	39.3	3.7	166.6	1.63	73.14
60.0-61.0	38.3	3.7	170.2	1.61	74.75
61.0-62.0	37.2	3.6	173.8	1.58	76.32
62.0-63.0	36.1	3.5	177.3	1.54	77.86
63.0-64.0	35.0	3.4	180.8	1.51	79.37
64.0-65.0	33.9	3.4	184.1	1.47	80.84
65.0-66.0	32.7	3.3	187.4	1.43	82.28
66.0-67.0	31.5	3.2	190.5	1.39	83.66
67.0-68.0	30.2	3.1	193.6	1.34	85.01
68.0-69.0	28.9	3.0	196.6	1.30	86.31
69.0-70.0	27.6	2.8	199.4	1.25	87.55
70.0-71.0	26.3	2.7	202.1	1.19	88.75
71.0-72.0	24.9	2.6	204.7	1.14	89.88

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	23.5	2.5	207.2	1.08	90.96
73.0-74.0	22.0	2.3	209.5	1.02	91.98
74.0-75.0	20.5	2.2	211.6	0.95	92.93
75.0-76.0	19.0	2.0	213.7	0.89	93.82
76.0-77.0	17.5	1.9	215.5	0.82	94.63
77.0-78.0	15.9	1.7	217.2	0.75	95.38
78.0-79.0	14.4	1.5	218.8	0.68	96.06
79.0-80.0	12.8	1.4	220.2	0.61	96.67
80.0-81.0	11.3	1.2	221.4	0.54	97.21
81.0-82.0	9.9	1.1	222.5	0.47	97.68
82.0-83.0	8.4	0.9	223.4	0.40	98.08
83.0-84.0	7.1	0.8	224.1	0.34	98.42
84.0-85.0	5.8	0.6	224.8	0.28	98.69
85.0-86.0	4.6	0.5	225.3	0.22	98.91
86.0-87.0	3.5	0.4	225.6	0.17	99.08
87.0-88.0	2.5	0.3	225.9	0.12	99.20
88.0-89.0	1.7	0.2	226.1	0.08	99.28
89.0-90.0	1.1	0.1	226.2	0.05	99.33
90.0-91.0	0.6	0.1	226.3	0.03	99.36
91.0-92.0	0.4	0.0	226.3	0.02	99.38
92.0-93.0	0.2	0.0	226.4	0.01	99.39
93.0-94.0	0.2	0.0	226.4	0.01	99.40
94.0-95.0	0.1	0.0	226.4	0.01	99.40
95.0-96.0	0.1	0.0	226.4	0.01	99.41
96.0-97.0	0.1	0.0	226.4	0.00	99.41
97.0-98.0	0.1	0.0	226.4	0.00	99.42
98.0-99.0	0.1	0.0	226.4	0.00	99.42
99.0-100.0	0.1	0.0	226.4	0.01	99.43
100.0-101.0	0.1	0.0	226.5	0.01	99.43
101.0-102.0	0.1	0.0	226.5	0.01	99.44
102.0-103.0	0.1	0.0	226.5	0.01	99.45
103.0-104.0	0.1	0.0	226.5	0.01	99.45
104.0-105.0	0.1	0.0	226.5	0.01	99.46
105.0-106.0	0.2	0.0	226.5	0.01	99.47
106.0-107.0	0.2	0.0	226.5	0.01	99.47
107.0-108.0	0.2	0.0	226.6	0.01	99.48

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	0.2	0.0	226.6	0.01	99.49
109.0-110.0	0.2	0.0	226.6	0.01	99.50
110.0-111.0	0.2	0.0	226.6	0.01	99.50
111.0-112.0	0.2	0.0	226.6	0.01	99.51
112.0-113.0	0.2	0.0	226.7	0.01	99.52
113.0-114.0	0.2	0.0	226.7	0.01	99.53
114.0-115.0	0.2	0.0	226.7	0.01	99.54
115.0-116.0	0.2	0.0	226.7	0.01	99.55
116.0-117.0	0.2	0.0	226.7	0.01	99.55
117.0-118.0	0.2	0.0	226.8	0.01	99.56
118.0-119.0	0.2	0.0	226.8	0.01	99.57
119.0-120.0	0.2	0.0	226.8	0.01	99.58
120.0-121.0	0.2	0.0	226.8	0.01	99.59
121.0-122.0	0.2	0.0	226.8	0.01	99.60
122.0-123.0	0.2	0.0	226.9	0.01	99.61
123.0-124.0	0.2	0.0	226.9	0.01	99.62
124.0-125.0	0.2	0.0	226.9	0.01	99.63
125.0-126.0	0.2	0.0	226.9	0.01	99.64
126.0-127.0	0.3	0.0	226.9	0.01	99.65
127.0-128.0	0.3	0.0	227.0	0.01	99.66
128.0-129.0	0.3	0.0	227.0	0.01	99.67
129.0-130.0	0.3	0.0	227.0	0.01	99.68
130.0-131.0	0.3	0.0	227.0	0.01	99.69
131.0-132.0	0.3	0.0	227.1	0.01	99.70
132.0-133.0	0.3	0.0	227.1	0.01	99.71
133.0-134.0	0.3	0.0	227.1	0.01	99.72
134.0-135.0	0.3	0.0	227.1	0.01	99.73
135.0-136.0	0.3	0.0	227.2	0.01	99.74
136.0-137.0	0.3	0.0	227.2	0.01	99.75
137.0-138.0	0.3	0.0	227.2	0.01	99.76
138.0-139.0	0.3	0.0	227.2	0.01	99.77
139.0-140.0	0.3	0.0	227.2	0.01	99.78
140.0-141.0	0.3	0.0	227.3	0.01	99.79
141.0-142.0	0.3	0.0	227.3	0.01	99.80
142.0-143.0	0.3	0.0	227.3	0.01	99.81
143.0-144.0	0.3	0.0	227.3	0.01	99.82

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	0.3	0.0	227.3	0.01	99.82
145.0-146.0	0.3	0.0	227.4	0.01	99.83
146.0-147.0	0.3	0.0	227.4	0.01	99.84
147.0-148.0	0.3	0.0	227.4	0.01	99.85
148.0-149.0	0.3	0.0	227.4	0.01	99.86
149.0-150.0	0.3	0.0	227.4	0.01	99.87
150.0-151.0	0.3	0.0	227.5	0.01	99.87
151.0-152.0	0.3	0.0	227.5	0.01	99.88
152.0-153.0	0.3	0.0	227.5	0.01	99.89
153.0-154.0	0.3	0.0	227.5	0.01	99.90
154.0-155.0	0.3	0.0	227.5	0.01	99.90
155.0-156.0	0.4	0.0	227.5	0.01	99.91
156.0-157.0	0.4	0.0	227.6	0.01	99.92
157.0-158.0	0.4	0.0	227.6	0.01	99.92
158.0-159.0	0.4	0.0	227.6	0.01	99.93
159.0-160.0	0.4	0.0	227.6	0.01	99.94
160.0-161.0	0.4	0.0	227.6	0.01	99.94
161.0-162.0	0.4	0.0	227.6	0.01	99.95
162.0-163.0	0.4	0.0	227.6	0.01	99.95
163.0-164.0	0.4	0.0	227.7	0.01	99.96
164.0-165.0	0.4	0.0	227.7	0.00	99.96
165.0-166.0	0.4	0.0	227.7	0.00	99.97
166.0-167.0	0.4	0.0	227.7	0.00	99.97
167.0-168.0	0.4	0.0	227.7	0.00	99.98
168.0-169.0	0.4	0.0	227.7	0.00	99.98
169.0-170.0	0.4	0.0	227.7	0.00	99.98
170.0-171.0	0.4	0.0	227.7	0.00	99.99
171.0-172.0	0.4	0.0	227.7	0.00	99.99
172.0-173.0	0.4	0.0	227.7	0.00	99.99
173.0-174.0	0.4	0.0	227.7	0.00	99.99
174.0-175.0	0.4	0.0	227.7	0.00	100.00
175.0-176.0	0.4	0.0	227.7	0.00	100.00
176.0-177.0	0.4	0.0	227.7	0.00	100.00
177.0-178.0	0.4	0.0	227.7	0.00	100.00
178.0-179.0	0.4	0.0	227.7	0.00	100.00
179.0-180.0	0.4	0.0	227.7	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: