

Report No.:

Test Time: 2019/8/1 10:46

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: 3527 140LED 3.0W 6500K

Luminaire Description: 3527 140LED 3.0W 6500K

Luminous Length (mm): 500

Luminous Width (mm): 8

Luminous Height (mm): 2

Voltage: 24.0 V

Current: 0.114 A

Power: 2.73 W

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 240.9 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(10%,50%): H164.7,H117.5

Vertical Diffuse Angle(10%,50%): V165.3,V118.2

Luminaire Efficacy Rating (LER): 88

Max. Intensity: 78.31 cd

Total Rated Lamp Lumens: 240.9 lm

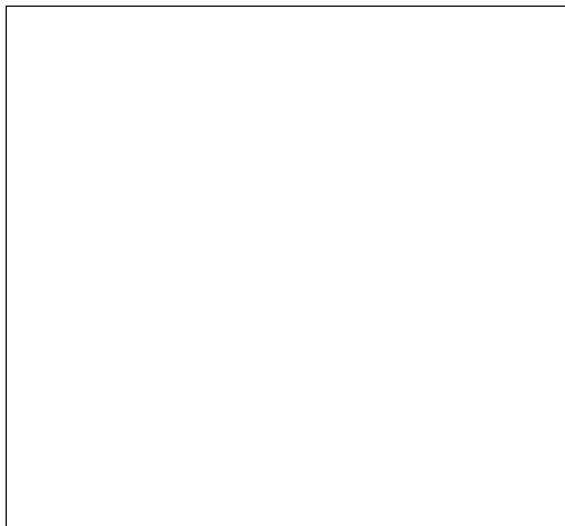
Efficiency: 100%

Upward Ratio: 1%

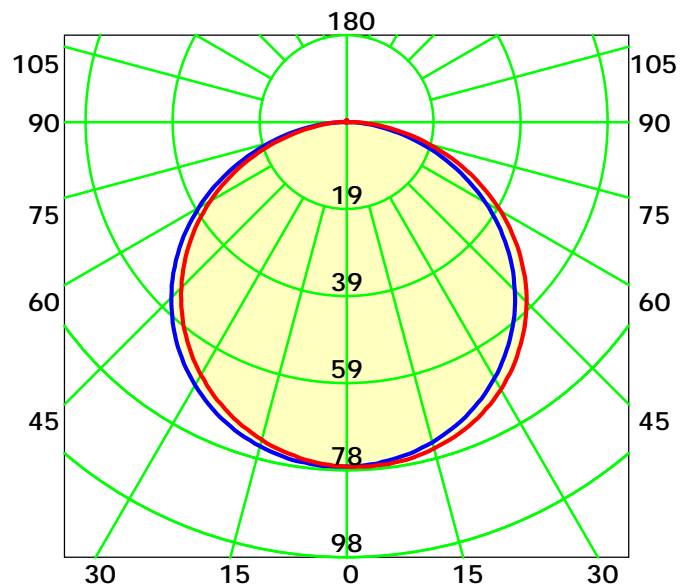
Central Intensity: 78.08 cd

Pos of Max. Intensity: H150 V2

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 117.9° Unit: cd

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 30.0

Test Lab: ACOLYTE

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0: 1.0

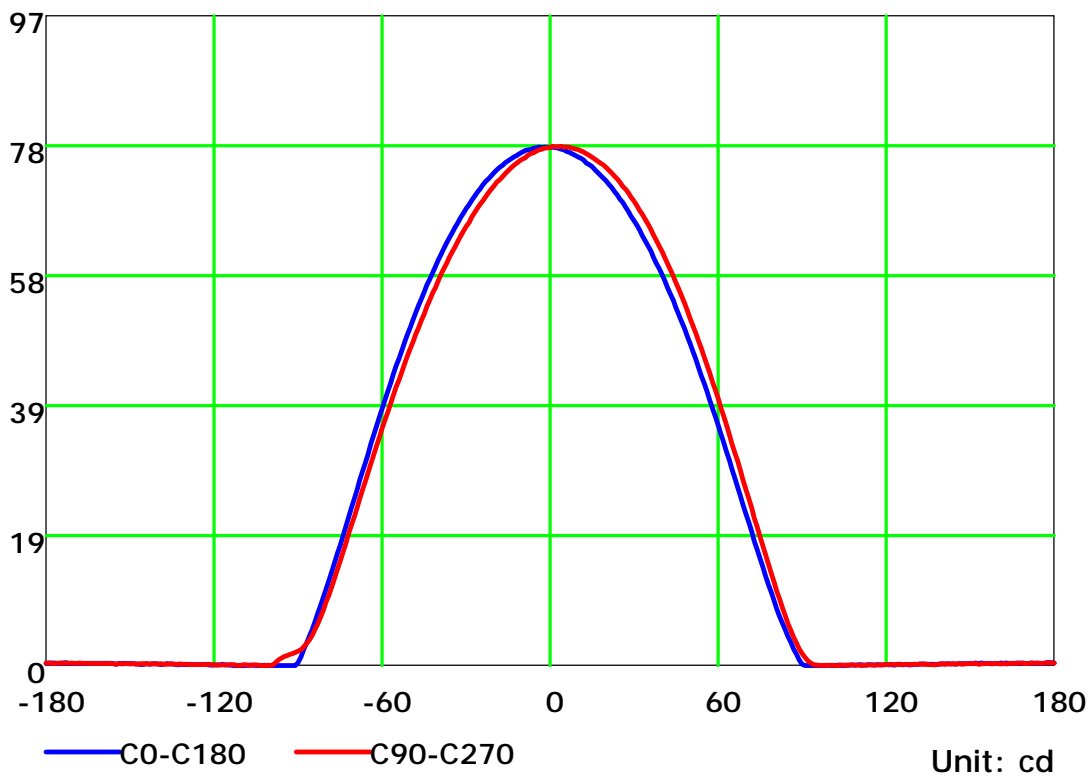
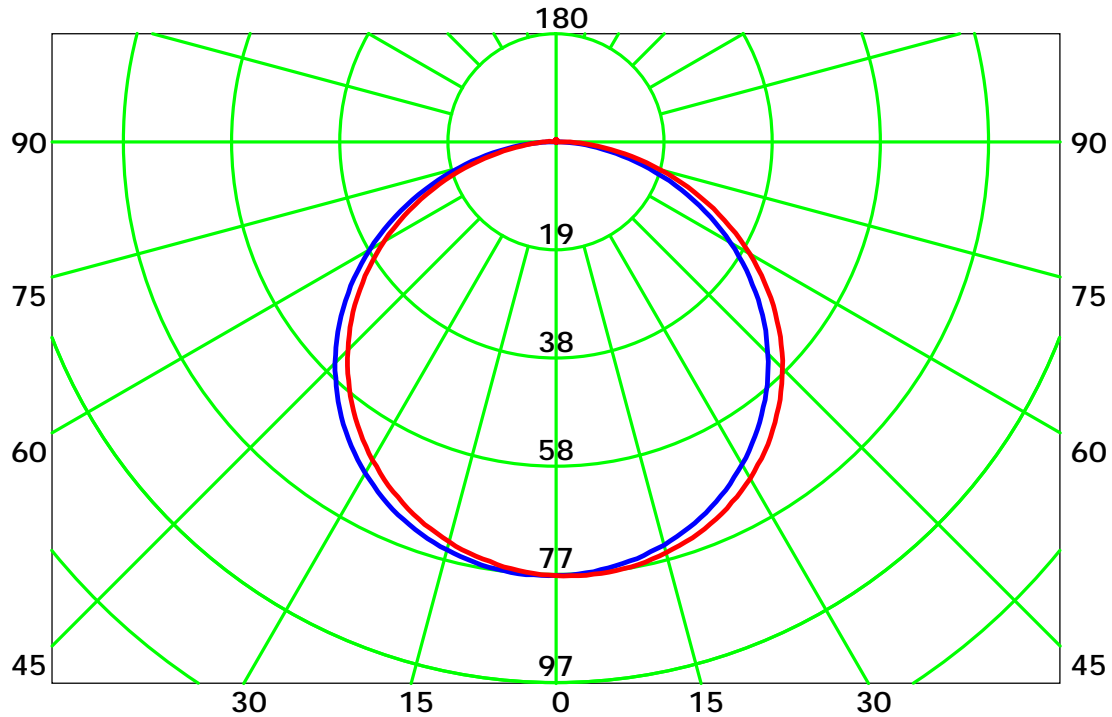
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

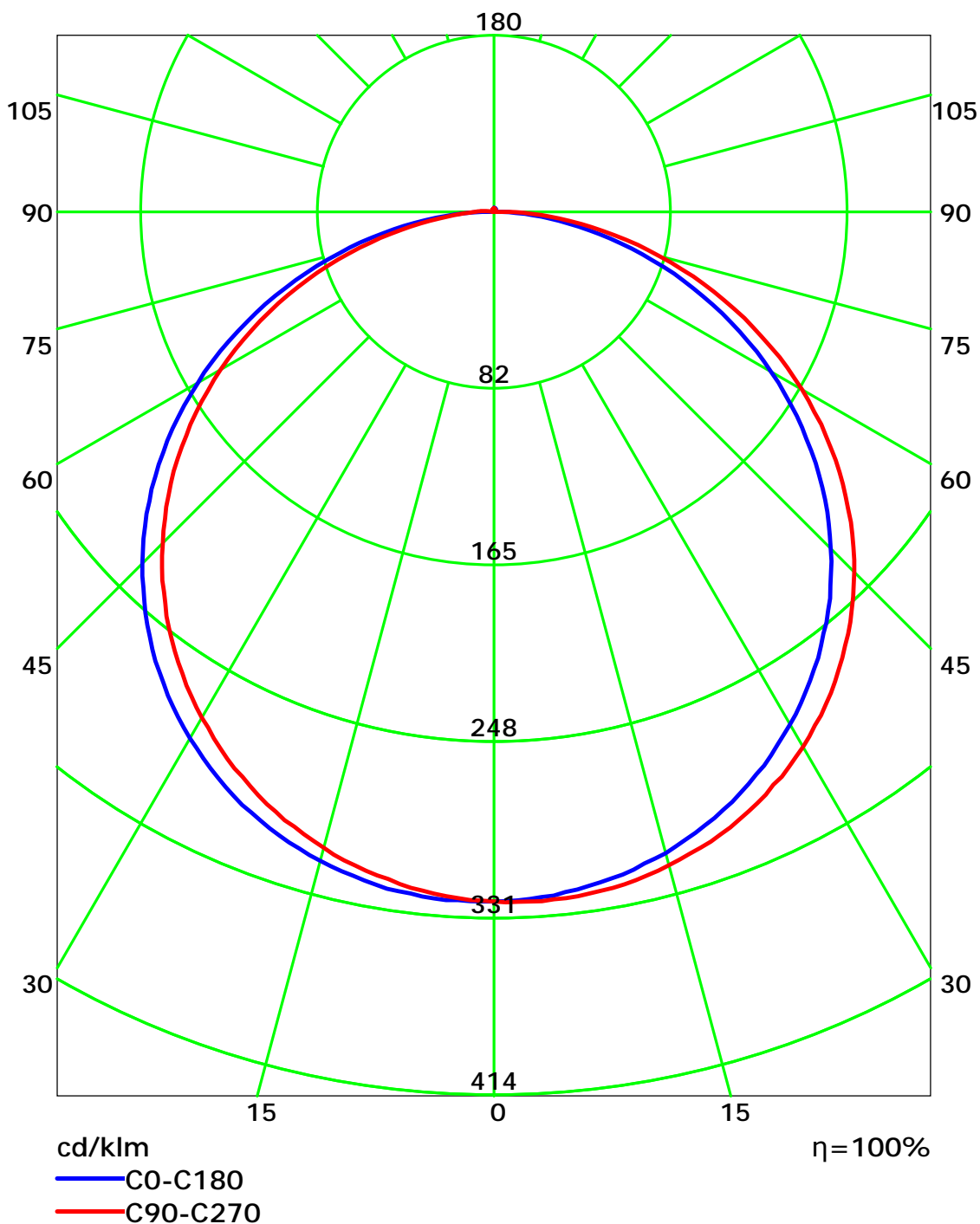
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 30.0
Test Lab: ACOLYTE
Test Type: TYPE C
Temperature: 25
Operator: Nick

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: Nick

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

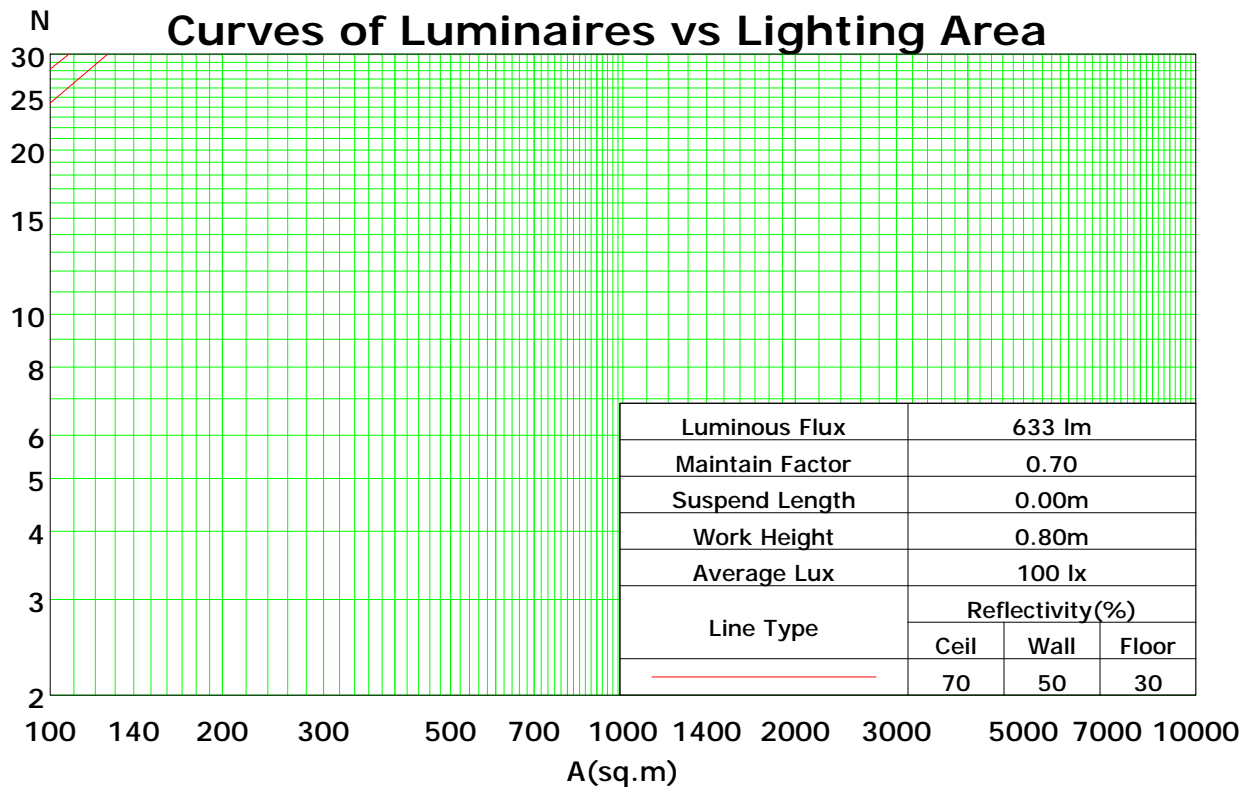
Coefficients Of Utilization - Zonal Cavity Method

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	99	94	105	101	97	93	96	93	90	92	89	87	89	86	84	82
2	98	89	82	76	95	87	81	75	84	78	73	80	76	72	77	73	70	68
3	89	78	70	63	86	76	69	62	73	67	61	71	65	60	68	63	59	57
4	81	69	60	53	79	68	59	53	65	58	52	63	56	51	60	55	50	48
5	75	62	52	45	73	60	52	45	58	50	45	56	49	44	54	48	44	41
6	69	55	46	40	67	54	46	39	52	45	39	51	44	39	49	43	38	36
7	64	50	41	35	62	49	41	35	48	40	34	46	39	34	45	38	34	32
8	59	46	37	31	58	45	37	31	43	36	31	42	35	30	41	35	30	28
9	55	42	33	28	54	41	33	28	40	33	27	39	32	27	38	32	27	25
10	52	39	30	25	51	38	30	25	37	30	25	36	29	25	35	29	25	23

Spacing Criteria (0-180): 1.29

Spacing Criteria (90-270): 1.29

Spacing Criteria (Diagonal): 1.42



C Plane (°):0.0-360.0: 30.0

Test Lab: ACOLYTE

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0:1.0

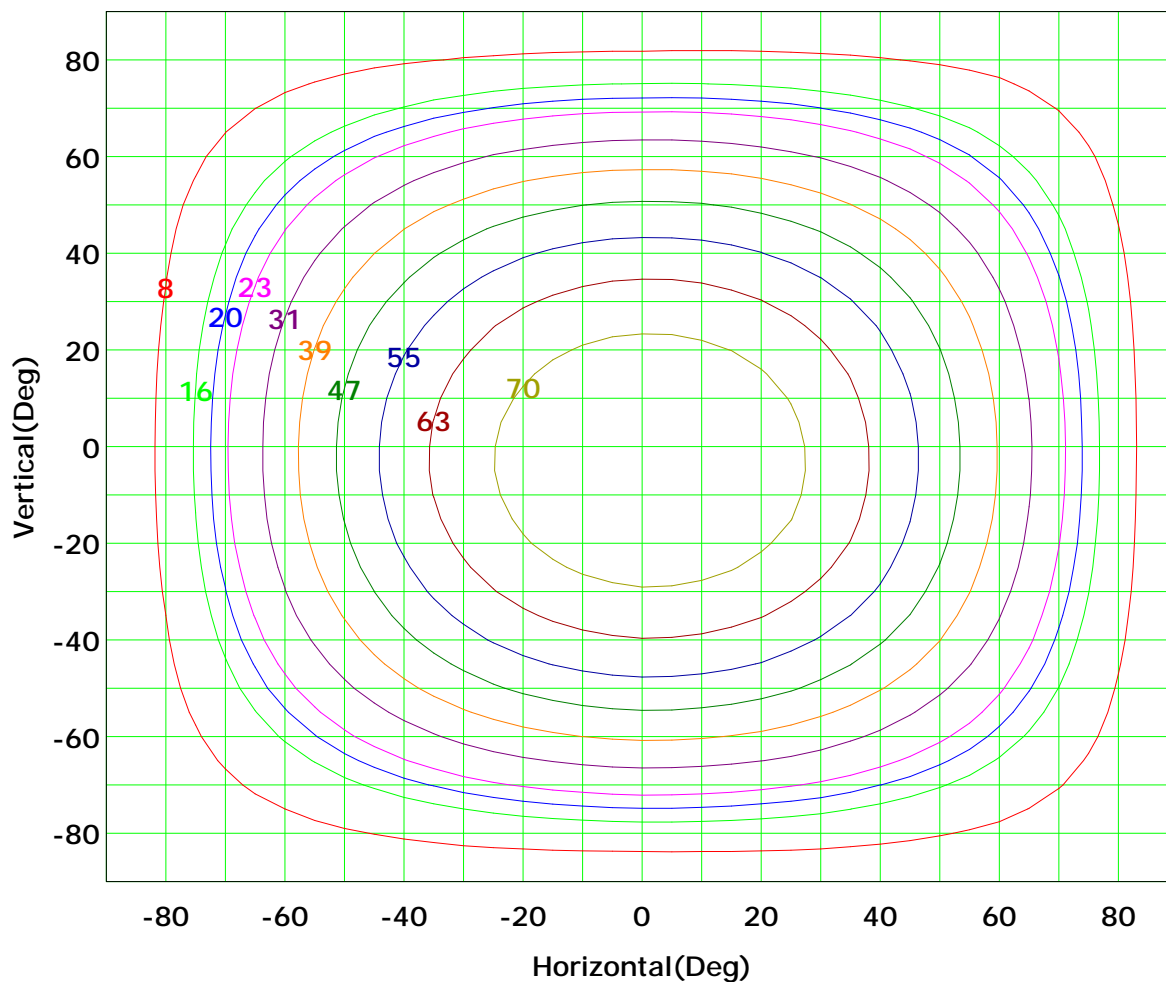
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



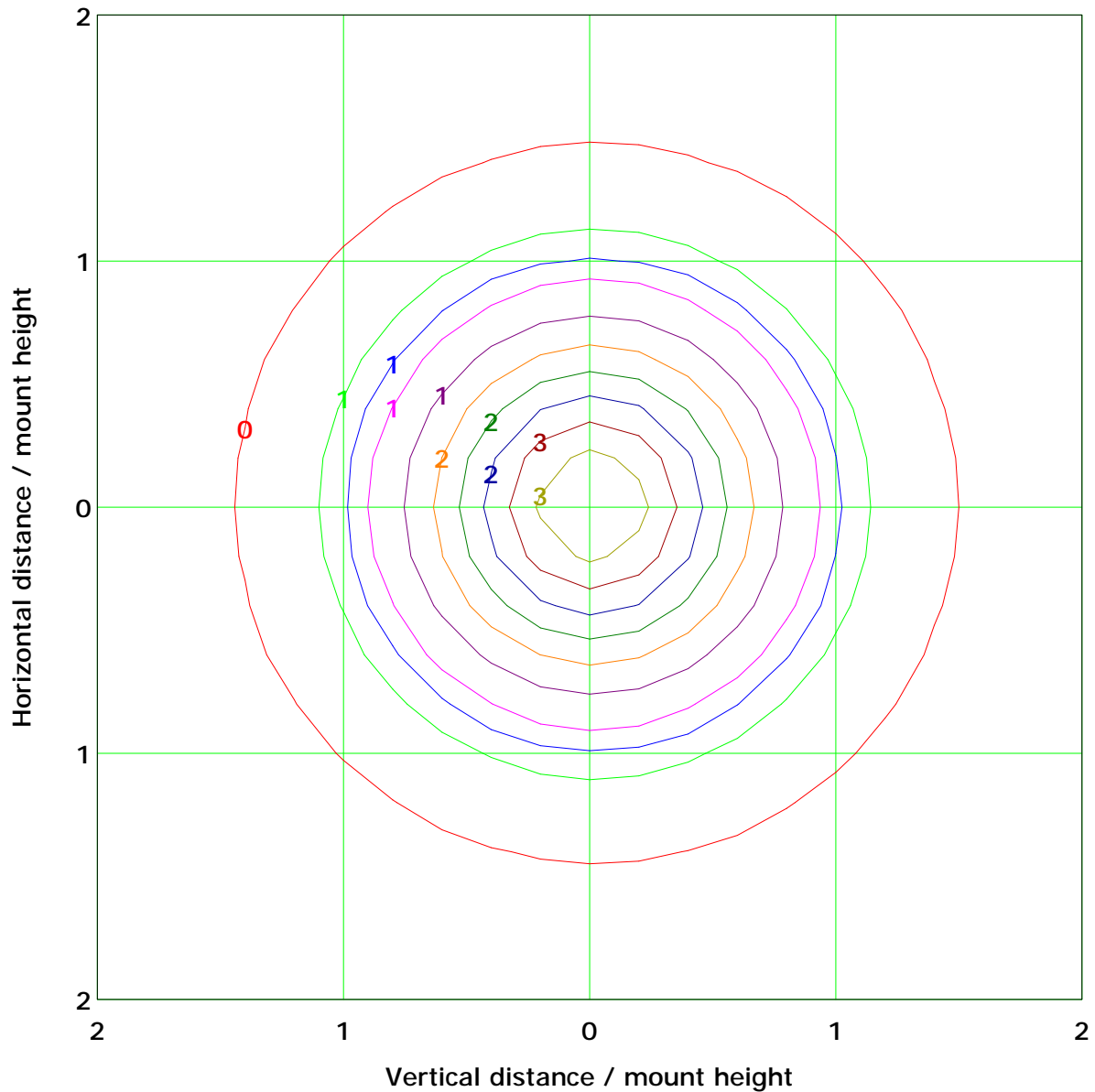
Imax (100%): 78 cd

(10%):	8 cd	(20%):	16 cd
(25%):	20 cd	(30%):	23 cd
(40%):	31 cd	(50%):	39 cd
(60%):	47 cd	(70%):	55 cd
(80%):	63 cd	(90%):	70 cd

C Plane (°):0.0-360.0: 30.0
Test Lab: ACOLYTE
Test Type: TYPE C
Temperature: 25
Operator: Nick

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

IsoLux Plot



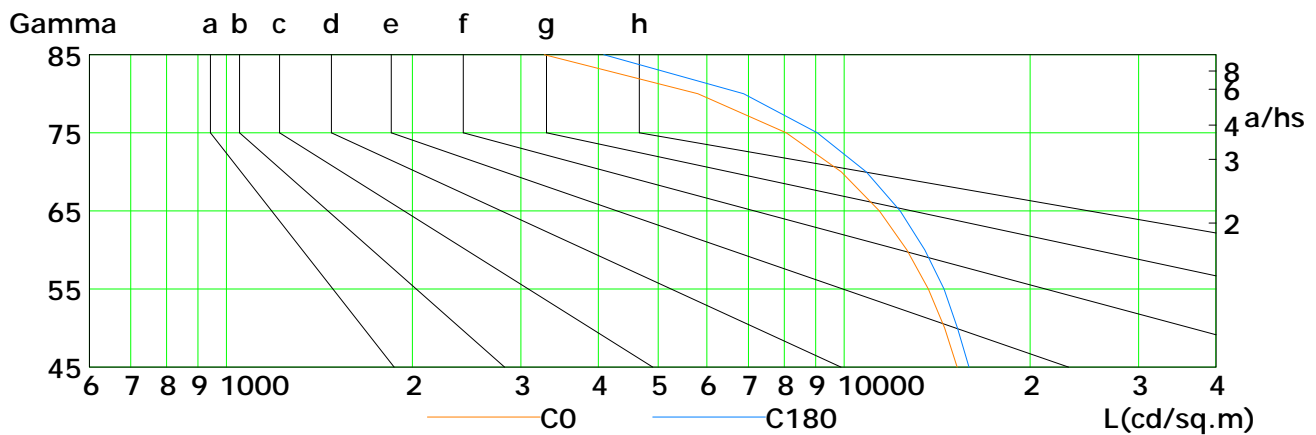
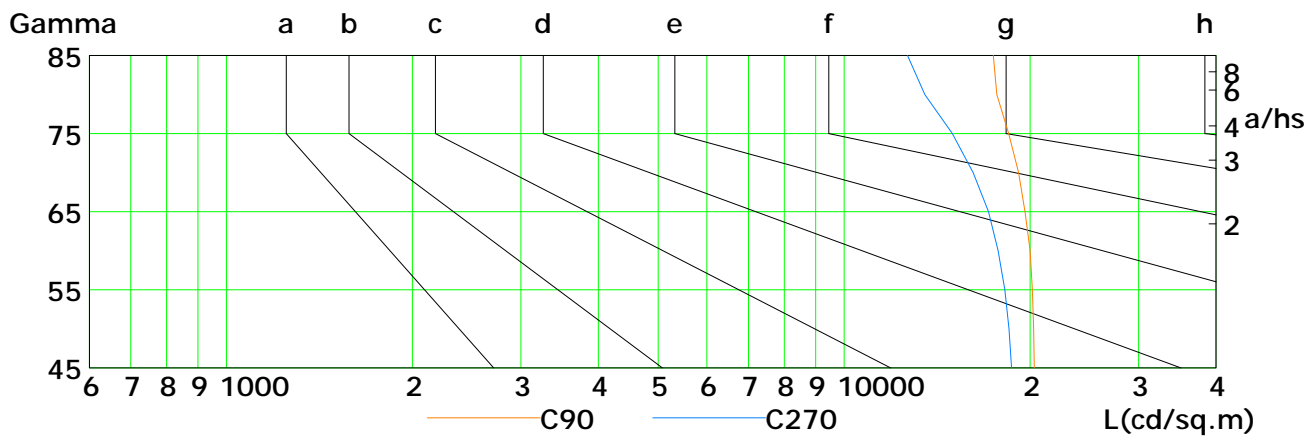
C Plane (°):0.0-360.0: 30.0
Test Lab: ACOLYTE
Test Type: TYPE C
Temperature: 25
Operator: Nick

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	15254	14551	13686	12641	11403	9901	8060	5800	3272
C90	20315	20268	20174	20011	19625	19167	18473	17667	17446
C180	15933	15261	14511	13507	12323	10868	9050	6877	4082
C270	18674	18495	18202	17757	17132	16188	14971	13514	12673

C Plane (°):0.0-360.0: 30.0

Test Lab: ACOLYTE

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0:1.0

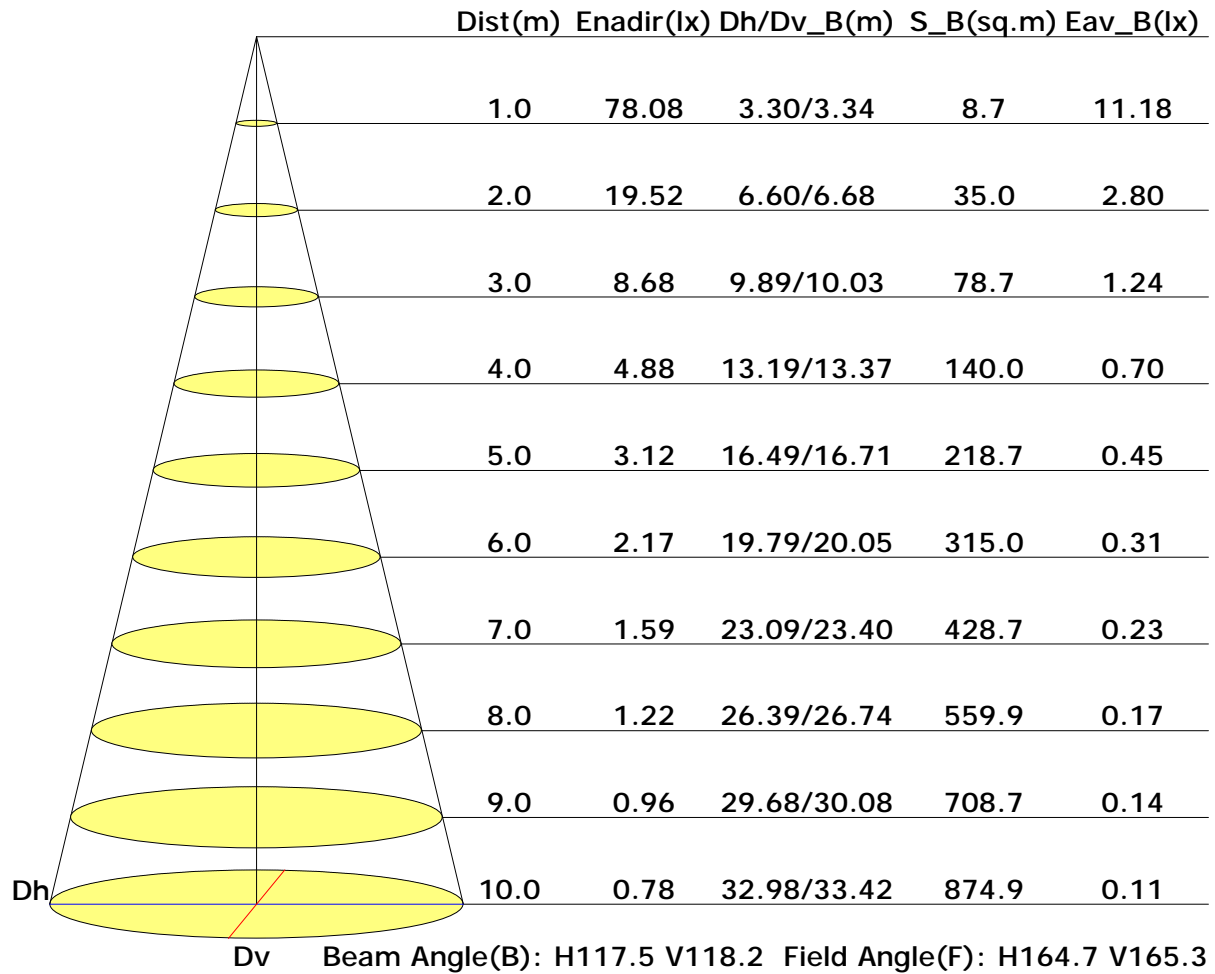
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

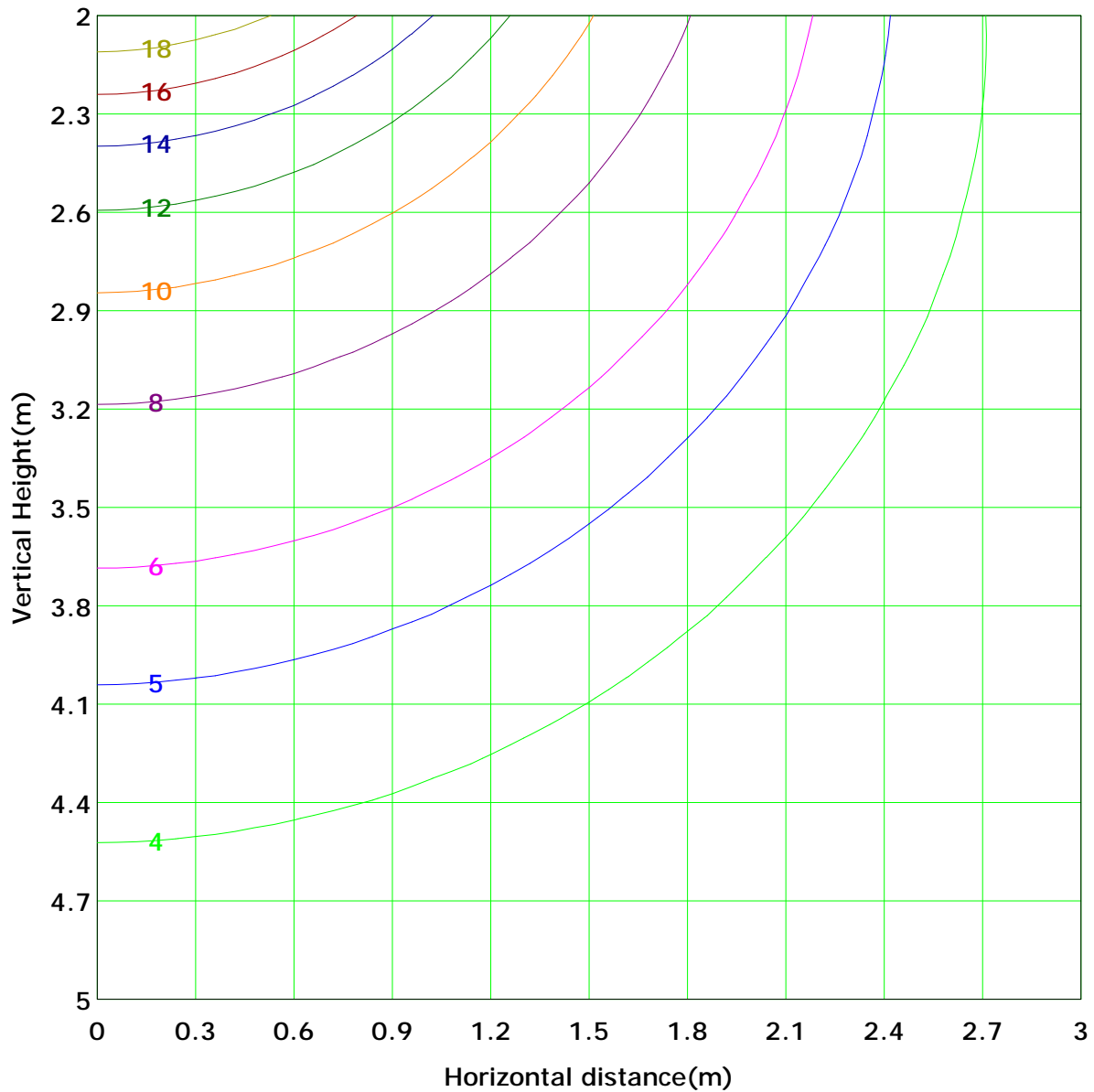
Illuminance at a Distance



C Plane (°):0.0-360.0: 30.0
 Test Lab: ACOLYTE
 Test Type: TYPE C
 Temperature: 25
 Operator: Nick

Gamma Plane (°):0.0-180.0: 1.0
 Test Device: GPM-1800B
 Distance: 9.028 m
 Humidity: 60%
 Inspector:

Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 19.5 lx
(10%): 2.0 lx	(20%): 3.9 lx	
(25%): 4.9 lx	(30%): 5.9 lx	
(40%): 7.8 lx	(50%): 9.8 lx	
(60%): 11.7 lx	(70%): 13.7 lx	
(80%): 15.6 lx	(90%): 17.6 lx	

C Plane (°):0.0-360.0: 30.0
Test Lab: ACOLYTE
Test Type: TYPE C
Temperature: 25
Operator: Nick

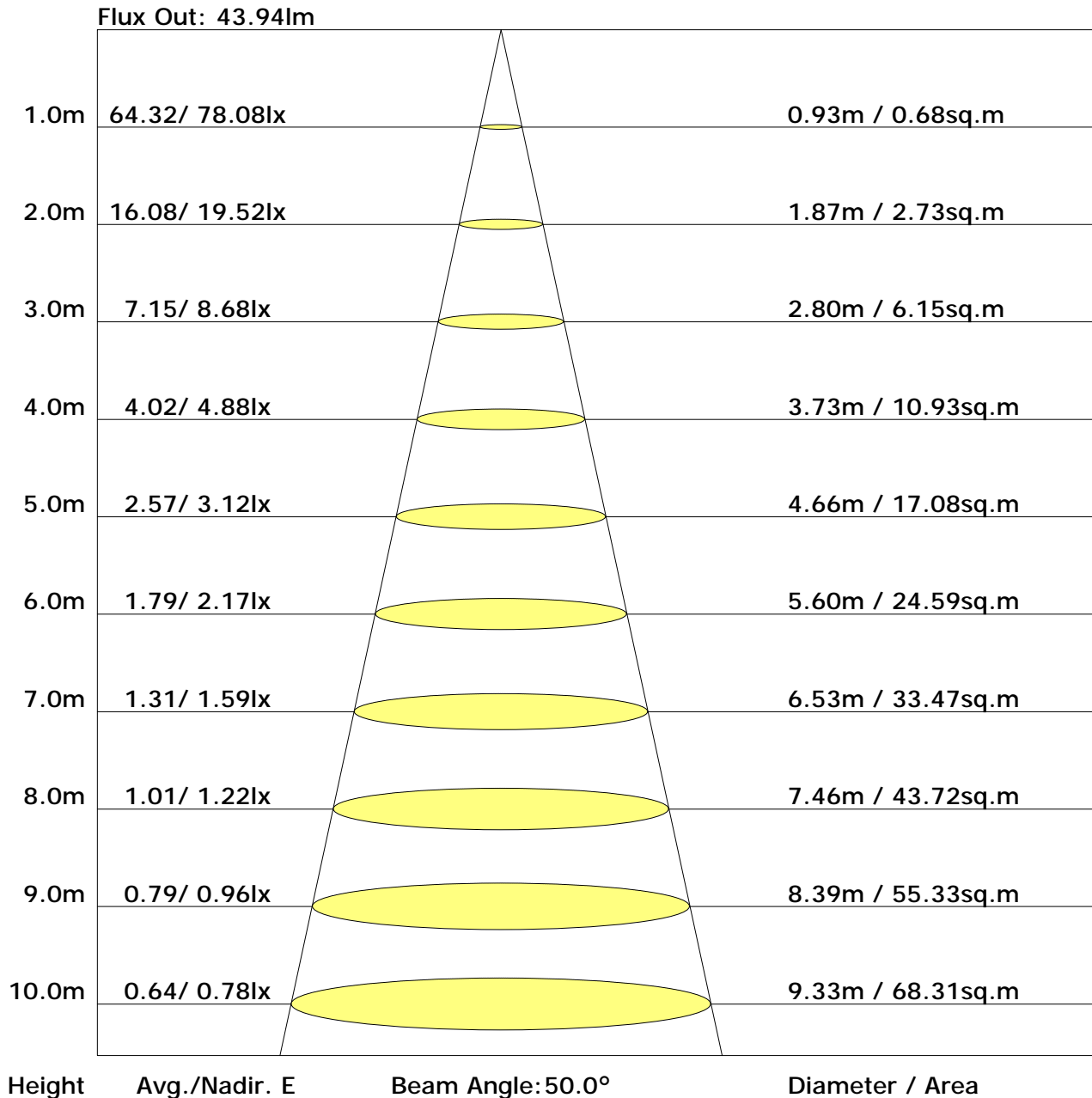
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

Area Flux Table

Unit: lm

		Orbit, int																				
		-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	0.1	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	0.0	1.5	0.2
		0.0	0.0	0.1	0.2	0.3	0.3	0.3	0.4	0.5	0.5	0.5	0.4	0.4	0.3	0.2	0.1	0.1	0.0	0.0	4.3	4.0
		0.0	0.1	0.2	0.3	0.4	0.6	0.7	0.8	0.9	0.9	0.8	0.7	0.6	0.4	0.3	0.1	0.0	0.0	7.8	7.7	
		0.0	0.1	0.2	0.4	0.6	0.9	1.1	1.2	1.3	1.3	1.3	1.0	0.8	0.6	0.4	0.3	0.1	0.1	0.0	11.2	11.2
		0.0	0.1	0.3	0.5	0.8	1.1	1.3	1.5	1.6	1.6	1.5	1.3	1.1	0.8	0.5	0.2	0.1	0.1	0.0	14.3	14.3
		0.0	0.1	0.3	0.6	1.0	1.3	1.6	1.8	1.9	1.9	1.8	1.5	1.2	0.9	0.6	0.3	0.1	0.1	0.0	16.9	16.9
		0.0	0.1	0.4	0.7	1.1	1.4	1.8	2.0	2.1	2.1	2.0	1.7	1.4	1.0	0.7	0.3	0.1	0.1	0.0	18.9	18.9
		0.0	0.1	0.4	0.8	1.2	1.6	1.9	2.1	2.3	2.2	2.1	1.8	1.5	1.1	0.7	0.4	0.1	0.1	0.0	20.3	20.3
		0.0	0.1	0.4	0.8	1.2	1.6	2.0	2.2	2.3	2.3	2.2	1.9	1.6	1.2	0.7	0.4	0.1	0.1	0.0	21.1	21.1
		0.0	0.1	0.4	0.8	1.2	1.6	2.0	2.2	2.3	2.4	2.3	2.3	2.2	1.9	1.2	0.7	0.4	0.1	0.0	21.3	21.3
		0.0	0.1	0.4	0.8	1.2	1.6	2.1	2.2	2.3	2.3	2.3	2.2	1.9	1.5	1.1	0.7	0.4	0.1	0.0	20.8	20.8
		0.0	0.1	0.4	0.8	1.2	1.6	2.1	2.2	2.3	2.3	2.3	2.2	1.9	1.6	1.2	0.7	0.4	0.1	0.0	17.8	17.8
		0.0	0.1	0.3	0.6	1.0	1.4	1.7	1.9	2.0	2.0	1.9	1.6	1.3	1.0	0.6	0.3	0.1	0.1	0.0	15.4	15.3
		0.0	0.1	0.3	0.6	0.9	1.2	1.4	1.6	1.7	1.7	1.6	1.4	1.1	0.8	0.5	0.3	0.1	0.1	0.0	12.3	12.3
		0.0	0.1	0.2	0.4	0.7	0.9	1.2	1.3	1.4	1.4	1.3	1.1	0.9	0.6	0.4	0.2	0.1	0.1	0.0	8.8	8.7
		0.0	0.1	0.2	0.3	0.5	0.7	0.8	0.9	1.0	1.0	0.9	0.8	0.6	0.4	0.3	0.1	0.1	0.0	0.0	5.1	4.9
		0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.5	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	1.9	0.8
		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	0.0	0.0	0.0	0.0	239	
		0.1	1.5	4.5	8.6	13.4	18.1	22.2	25.1	26.6	26.5	24.7	21.6	17.4	12.6	8.0	4.0	1.2	0.0		236	
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(E)	Flux(T)
		Horizontal plane																				

The Average Illuminance Effective Figure



C Plane (°):0.0-360.0: 30.0
 Test Lab: ACOLYTE
 Test Type: TYPE C
 Temperature: 25
 Operator: Nick

Gamma Plane (°):0.0-180.0: 1.0
 Test Device: GPM-1800B
 Distance: 9.028 m
 Humidity: 60%
 Inspector:

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	26.7	28.4	27.1	28.7	29.0	26.7	28.3	27.0	28.6	29.0
3H	28.6	30.1	29.0	30.4	30.8	28.4	29.9	28.8	30.2	30.6
4H	29.3	30.7	29.7	31.0	31.4	29.0	30.4	29.4	30.8	31.2
6H	29.8	31.1	30.2	31.5	31.9	29.4	30.8	29.9	31.1	31.5
8H	29.9	31.2	30.4	31.6	32.0	29.6	30.8	30.0	31.2	31.6
12H	30.1	31.3	30.5	31.7	32.1	29.7	30.9	30.1	31.3	31.7
X=4H Y=2H	27.3	28.7	27.7	29.0	29.4	27.3	28.7	27.7	29.1	29.5
3H	29.3	30.5	29.7	30.9	31.3	29.2	30.4	29.7	30.8	31.3
4H	30.1	31.2	30.5	31.6	32.1	30.0	31.1	30.4	31.5	31.9
6H	30.7	31.7	31.2	32.1	32.6	30.5	31.5	31.0	31.9	32.4
8H	30.9	31.8	31.4	32.3	32.8	30.7	31.6	31.2	32.1	32.5
12H	31.1	31.9	31.6	32.4	32.9	30.8	31.6	31.3	32.1	32.6
X=8H Y=4H	30.3	31.2	30.8	31.7	32.1	30.3	31.2	30.8	31.6	32.1
6H	31.0	31.8	31.6	32.3	32.8	31.0	31.7	31.5	32.2	32.7
8H	31.3	32.0	31.8	32.5	33.0	31.2	31.9	31.7	32.4	32.9
12H	31.6	32.1	32.1	32.6	33.2	31.4	32.0	31.9	32.5	33.1
X=12H Y=4H	30.3	31.1	30.8	31.6	32.1	30.3	31.1	30.8	31.6	32.1
6H	31.1	31.8	31.6	32.2	32.8	31.0	31.7	31.6	32.2	32.7
8H	31.4	32.0	31.9	32.5	33.1	31.3	31.9	31.8	32.4	33.0

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: Nick

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	0.58	0.67	0.74	0.80	0.87	0.92	0.95	1.00	1.03
	0.30		0.51	0.59	0.67	0.72	0.81	0.86	0.90	0.95	0.99
	0.20		0.45	0.53	0.61	0.67	0.75	0.81	0.86	0.92	0.96
0.50	0.50	0.20	0.57	0.65	0.72	0.77	0.84	0.88	0.91	0.96	0.98
	0.30		0.50	0.58	0.65	0.71	0.78	0.83	0.87	0.92	0.95
	0.20		0.45	0.53	0.60	0.66	0.74	0.79	0.83	0.89	0.93
0.30	0.50	0.20	0.55	0.63	0.69	0.74	0.81	0.85	0.88	0.92	0.95
	0.30		0.49	0.57	0.64	0.69	0.76	0.81	0.84	0.89	0.92
	0.20		0.44	0.52	0.59	0.65	0.72	0.77	0.81	0.86	0.90
0.00	0.00	0.00	0.42	0.49	0.57	0.62	0.69	0.74	0.77	0.82	0.85
Rating: 3W 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	0.97	0.83	0.70	0.61	0.49	0.41	0.35	0.27	0.22
	0.30		0.81	0.71	0.61	0.54	0.44	0.38	0.33	0.26	0.21
	0.20		0.69	0.62	0.54	0.49	0.40	0.35	0.30	0.24	0.20
0.50	0.50	0.20	0.94	0.79	0.67	0.59	0.47	0.42	0.33	0.26	0.21
	0.30		0.79	0.69	0.59	0.52	0.43	0.36	0.31	0.25	0.20
	0.20		0.69	0.61	0.53	0.48	0.39	0.34	0.29	0.24	0.20
0.30	0.50	0.20	0.91	0.76	0.64	0.56	0.45	0.37	0.32	0.25	0.20
	0.30		0.77	0.67	0.58	0.51	0.41	0.35	0.30	0.24	0.20
	0.20		0.68	0.60	0.52	0.47	0.38	0.33	0.28	0.23	0.19
0.00	0.00	0.00	0.57	0.50	0.43	0.38	0.31	0.26	0.22	0.18	0.15
Rating: 3W 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	0.18	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	0.17	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: 3W 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	78.1	0.1	0.1	0.03	0.03
1.0-2.0	78.1	0.2	0.3	0.09	0.12
2.0-3.0	78.0	0.4	0.7	0.15	0.28
3.0-4.0	78.0	0.5	1.2	0.22	0.50
4.0-5.0	77.9	0.7	1.9	0.28	0.77
5.0-6.0	77.8	0.8	2.7	0.34	1.11
6.0-7.0	77.6	1.0	3.6	0.40	1.51
7.0-8.0	77.5	1.1	4.8	0.46	1.97
8.0-9.0	77.3	1.3	6.0	0.52	2.49
9.0-10.0	77.1	1.4	7.4	0.58	3.07
10.0-11.0	76.9	1.5	8.9	0.64	3.71
11.0-12.0	76.6	1.7	10.6	0.70	4.41
12.0-13.0	76.4	1.8	12.4	0.75	5.16
13.0-14.0	76.1	1.9	14.4	0.81	5.97
14.0-15.0	75.8	2.1	16.5	0.86	6.83
15.0-16.0	75.4	2.2	18.7	0.92	7.75
16.0-17.0	75.1	2.3	21.0	0.97	8.72
17.0-18.0	74.7	2.5	23.5	1.02	9.74
18.0-19.0	74.3	2.6	26.0	1.07	10.81
19.0-20.0	73.9	2.7	28.8	1.12	11.93
20.0-21.0	73.4	2.8	31.6	1.17	13.10
21.0-22.0	73.0	2.9	34.5	1.22	14.32
22.0-23.0	72.5	3.0	37.5	1.26	15.58
23.0-24.0	71.9	3.1	40.7	1.31	16.89
24.0-25.0	71.4	3.2	43.9	1.35	18.24
25.0-26.0	70.8	3.3	47.3	1.39	19.63
26.0-27.0	70.3	3.4	50.7	1.43	21.05
27.0-28.0	69.6	3.5	54.3	1.46	22.52
28.0-29.0	69.0	3.6	57.9	1.50	24.01
29.0-30.0	68.3	3.7	61.6	1.53	25.55
30.0-31.0	67.7	3.8	65.3	1.56	27.11
31.0-32.0	67.0	3.8	69.2	1.59	28.70
32.0-33.0	66.3	3.9	73.1	1.62	30.32
33.0-34.0	65.5	4.0	77.0	1.65	31.97
34.0-35.0	64.7	4.0	81.0	1.67	33.64
35.0-36.0	64.0	4.1	85.1	1.69	35.33

C Plane (°):0.0-360.0: 30.0

Test Lab: ACOLYTE

Test Type: TYPE C

Temperature: 25

Operator: Nick

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	63.1	4.1	89.2	1.71	37.04
37.0-38.0	62.3	4.2	93.4	1.73	38.76
38.0-39.0	61.4	4.2	97.6	1.74	40.50
39.0-40.0	60.6	4.2	101.8	1.75	42.26
40.0-41.0	59.7	4.2	106.1	1.76	44.02
41.0-42.0	58.7	4.3	110.3	1.77	45.79
42.0-43.0	57.8	4.3	114.6	1.78	47.57
43.0-44.0	56.8	4.3	118.9	1.78	49.35
44.0-45.0	55.8	4.3	123.2	1.78	51.13
45.0-46.0	54.8	4.3	127.5	1.78	52.91
46.0-47.0	53.7	4.3	131.7	1.77	54.68
47.0-48.0	52.7	4.3	136.0	1.77	56.45
48.0-49.0	51.6	4.2	140.2	1.76	58.21
49.0-50.0	50.5	4.2	144.5	1.75	59.96
50.0-51.0	49.4	4.2	148.6	1.74	61.69
51.0-52.0	48.2	4.1	152.8	1.72	63.41
52.0-53.0	47.1	4.1	156.9	1.70	65.11
53.0-54.0	45.9	4.0	160.9	1.68	66.79
54.0-55.0	44.7	4.0	164.9	1.66	68.45
55.0-56.0	43.5	3.9	168.8	1.63	70.08
56.0-57.0	42.3	3.9	172.7	1.60	71.68
57.0-58.0	41.0	3.8	176.5	1.57	73.26
58.0-59.0	39.7	3.7	180.2	1.54	74.80
59.0-60.0	38.5	3.6	183.9	1.51	76.31
60.0-61.0	37.2	3.5	187.4	1.47	77.78
61.0-62.0	35.8	3.5	190.9	1.43	79.21
62.0-63.0	34.5	3.4	194.2	1.39	80.61
63.0-64.0	33.1	3.3	197.5	1.35	81.96
64.0-65.0	31.8	3.1	200.6	1.31	83.26
65.0-66.0	30.4	3.0	203.6	1.26	84.52
66.0-67.0	29.1	2.9	206.6	1.21	85.73
67.0-68.0	27.7	2.8	209.4	1.16	86.90
68.0-69.0	26.3	2.7	212.1	1.11	88.01
69.0-70.0	24.9	2.6	214.6	1.06	89.08
70.0-71.0	23.6	2.4	217.1	1.01	90.09
71.0-72.0	22.2	2.3	219.4	0.96	91.05

C Plane (°): 0.0-360.0: 30.0
 Test Lab: ACOLYTE
 Test Type: TYPE C
 Temperature: 25
 Operator: Nick

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	20.8	2.2	221.5	0.90	91.95
73.0-74.0	19.5	2.0	223.6	0.85	92.80
74.0-75.0	18.1	1.9	225.5	0.79	93.59
75.0-76.0	16.8	1.8	227.3	0.74	94.33
76.0-77.0	15.5	1.6	228.9	0.68	95.02
77.0-78.0	14.2	1.5	230.5	0.63	95.65
78.0-79.0	12.9	1.4	231.8	0.58	96.22
79.0-80.0	11.7	1.3	233.1	0.52	96.75
80.0-81.0	10.4	1.1	234.2	0.47	97.21
81.0-82.0	9.3	1.0	235.2	0.42	97.63
82.0-83.0	8.2	0.9	236.1	0.37	98.00
83.0-84.0	7.1	0.8	236.9	0.32	98.32
84.0-85.0	6.0	0.7	237.5	0.27	98.59
85.0-86.0	5.1	0.6	238.1	0.23	98.82
86.0-87.0	4.2	0.5	238.6	0.19	99.01
87.0-88.0	3.3	0.4	238.9	0.15	99.16
88.0-89.0	2.6	0.3	239.2	0.12	99.28
89.0-90.0	1.9	0.2	239.4	0.09	99.37
90.0-91.0	1.4	0.2	239.6	0.06	99.43
91.0-92.0	1.1	0.1	239.7	0.05	99.48
92.0-93.0	0.8	0.1	239.8	0.04	99.52
93.0-94.0	0.6	0.1	239.9	0.03	99.55
94.0-95.0	0.5	0.1	239.9	0.02	99.57
95.0-96.0	0.3	0.0	239.9	0.02	99.59
96.0-97.0	0.2	0.0	240.0	0.01	99.60
97.0-98.0	0.1	0.0	240.0	0.01	99.60
98.0-99.0	0.1	0.0	240.0	0.00	99.61
99.0-100.0	0.0	0.0	240.0	0.00	99.61
100.0-101.0	0.0	0.0	240.0	0.00	99.61
101.0-102.0	0.0	0.0	240.0	0.00	99.61
102.0-103.0	0.0	0.0	240.0	0.00	99.61
103.0-104.0	0.1	0.0	240.0	0.00	99.62
104.0-105.0	0.1	0.0	240.0	0.00	99.62
105.0-106.0	0.1	0.0	240.0	0.00	99.62
106.0-107.0	0.1	0.0	240.0	0.00	99.62
107.0-108.0	0.1	0.0	240.0	0.00	99.63

C Plane (°):0.0-360.0: 30.0

Test Lab: ACOLYTE

Test Type: TYPE C

Temperature: 25

Operator: Nick

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	240.0	0.00	99.63
109.0-110.0	0.1	0.0	240.1	0.00	99.63
110.0-111.0	0.1	0.0	240.1	0.00	99.64
111.0-112.0	0.1	0.0	240.1	0.00	99.64
112.0-113.0	0.1	0.0	240.1	0.00	99.64
113.0-114.0	0.1	0.0	240.1	0.00	99.65
114.0-115.0	0.1	0.0	240.1	0.00	99.65
115.0-116.0	0.1	0.0	240.1	0.00	99.66
116.0-117.0	0.1	0.0	240.1	0.01	99.66
117.0-118.0	0.1	0.0	240.1	0.01	99.67
118.0-119.0	0.1	0.0	240.1	0.01	99.67
119.0-120.0	0.1	0.0	240.2	0.01	99.68
120.0-121.0	0.1	0.0	240.2	0.01	99.68
121.0-122.0	0.1	0.0	240.2	0.01	99.69
122.0-123.0	0.2	0.0	240.2	0.01	99.69
123.0-124.0	0.2	0.0	240.2	0.01	99.70
124.0-125.0	0.2	0.0	240.2	0.01	99.71
125.0-126.0	0.2	0.0	240.2	0.01	99.71
126.0-127.0	0.2	0.0	240.3	0.01	99.72
127.0-128.0	0.2	0.0	240.3	0.01	99.73
128.0-129.0	0.2	0.0	240.3	0.01	99.73
129.0-130.0	0.2	0.0	240.3	0.01	99.74
130.0-131.0	0.2	0.0	240.3	0.01	99.75
131.0-132.0	0.2	0.0	240.3	0.01	99.75
132.0-133.0	0.2	0.0	240.4	0.01	99.76
133.0-134.0	0.2	0.0	240.4	0.01	99.77
134.0-135.0	0.2	0.0	240.4	0.01	99.78
135.0-136.0	0.2	0.0	240.4	0.01	99.78
136.0-137.0	0.2	0.0	240.4	0.01	99.79
137.0-138.0	0.2	0.0	240.5	0.01	99.80
138.0-139.0	0.2	0.0	240.5	0.01	99.81
139.0-140.0	0.3	0.0	240.5	0.01	99.81
140.0-141.0	0.3	0.0	240.5	0.01	99.82
141.0-142.0	0.3	0.0	240.5	0.01	99.83
142.0-143.0	0.3	0.0	240.5	0.01	99.84
143.0-144.0	0.3	0.0	240.6	0.01	99.84

C Plane (°):0.0-360.0: 30.0

Test Lab: ACOLYTE

Test Type: TYPE C

Temperature: 25

Operator: Nick

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	240.6	0.01	99.85
145.0-146.0	0.3	0.0	240.6	0.01	99.86
146.0-147.0	0.3	0.0	240.6	0.01	99.86
147.0-148.0	0.3	0.0	240.6	0.01	99.87
148.0-149.0	0.3	0.0	240.6	0.01	99.88
149.0-150.0	0.3	0.0	240.7	0.01	99.89
150.0-151.0	0.3	0.0	240.7	0.01	99.89
151.0-152.0	0.3	0.0	240.7	0.01	99.90
152.0-153.0	0.3	0.0	240.7	0.01	99.91
153.0-154.0	0.3	0.0	240.7	0.01	99.91
154.0-155.0	0.3	0.0	240.7	0.01	99.92
155.0-156.0	0.3	0.0	240.8	0.01	99.92
156.0-157.0	0.3	0.0	240.8	0.01	99.93
157.0-158.0	0.3	0.0	240.8	0.01	99.93
158.0-159.0	0.3	0.0	240.8	0.01	99.94
159.0-160.0	0.3	0.0	240.8	0.01	99.95
160.0-161.0	0.3	0.0	240.8	0.01	99.95
161.0-162.0	0.3	0.0	240.8	0.00	99.95
162.0-163.0	0.3	0.0	240.8	0.00	99.96
163.0-164.0	0.3	0.0	240.9	0.00	99.96
164.0-165.0	0.3	0.0	240.9	0.00	99.97
165.0-166.0	0.3	0.0	240.9	0.00	99.97
166.0-167.0	0.3	0.0	240.9	0.00	99.98
167.0-168.0	0.4	0.0	240.9	0.00	99.98
168.0-169.0	0.4	0.0	240.9	0.00	99.98
169.0-170.0	0.4	0.0	240.9	0.00	99.99
170.0-171.0	0.3	0.0	240.9	0.00	99.99
171.0-172.0	0.4	0.0	240.9	0.00	99.99
172.0-173.0	0.4	0.0	240.9	0.00	99.99
173.0-174.0	0.4	0.0	240.9	0.00	99.99
174.0-175.0	0.4	0.0	240.9	0.00	100.00
175.0-176.0	0.4	0.0	240.9	0.00	100.00
176.0-177.0	0.4	0.0	240.9	0.00	100.00
177.0-178.0	0.4	0.0	240.9	0.00	100.00
178.0-179.0	0.4	0.0	240.9	0.00	100.00
179.0-180.0	0.4	0.0	240.9	0.00	100.00

C Plane (°):0.0-360.0: 30.0

Test Lab: ACOLYTE

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector: