

Report No.:

Test Time: 2019/7/31 18:40

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: 3527 140LED 1.0W 2000K+6500K

Luminaire Description: 3527 140LED 1.0W 2000K+6500K

Luminous Length (mm): 500

Luminous Width (mm): 8

Luminous Height (mm): 2

Voltage: 24.0 V

Current: 0.069 A

Power: 1.66 W

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 141 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(10%,50%): H164.2,H116.4

Vertical Diffuse Angle(10%,50%): V164.1,V116.7

Luminaire Efficacy Rating (LER): 85

Max. Intensity: 46.73 cd

Total Rated Lamp Lumens: 141.0 lm

Efficiency: 100%

Upward Ratio: 0%

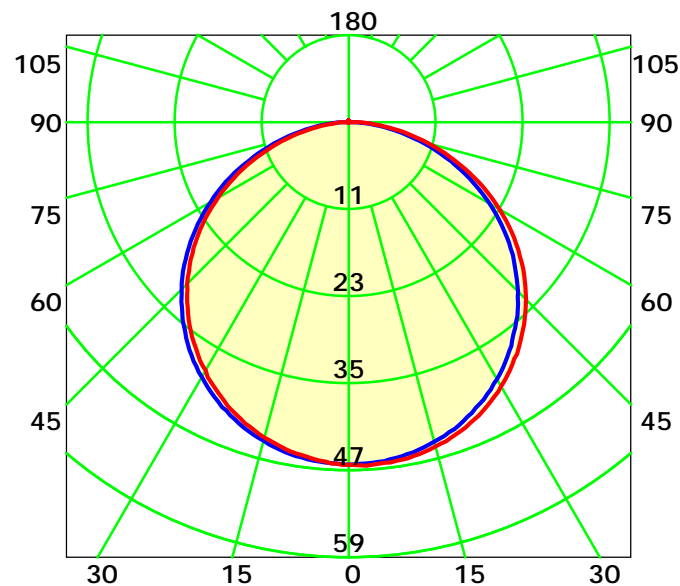
Central Intensity: 46.54 cd

Pos of Max. Intensity: H90 V3

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 116.6° Unit: cd

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 30.0

Test Lab: ACOLYTE

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0: 1.0

Test Device: GPM-1800B

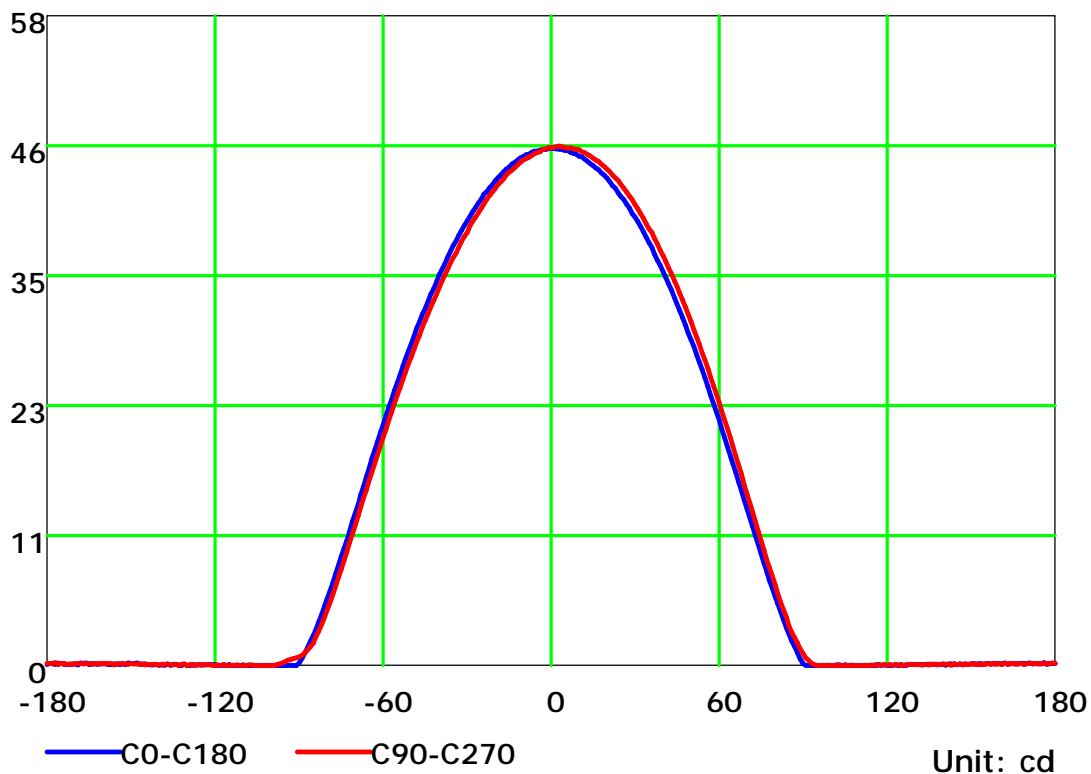
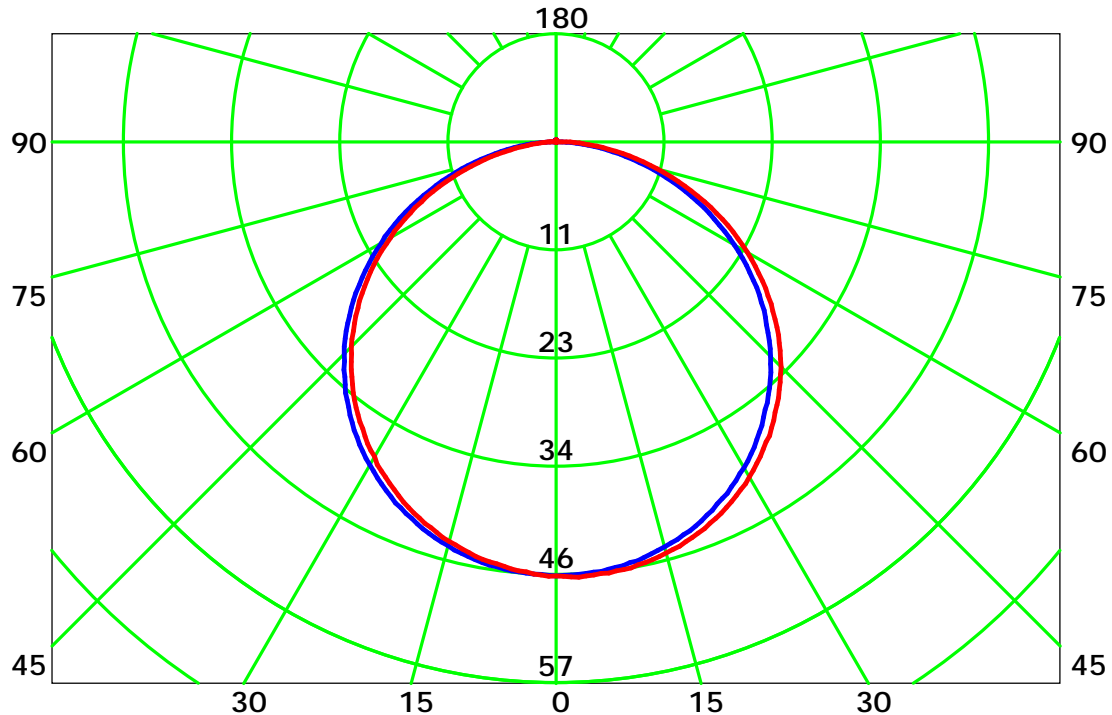
Distance: 9.028 m

Humidity: 60%

Inspector:



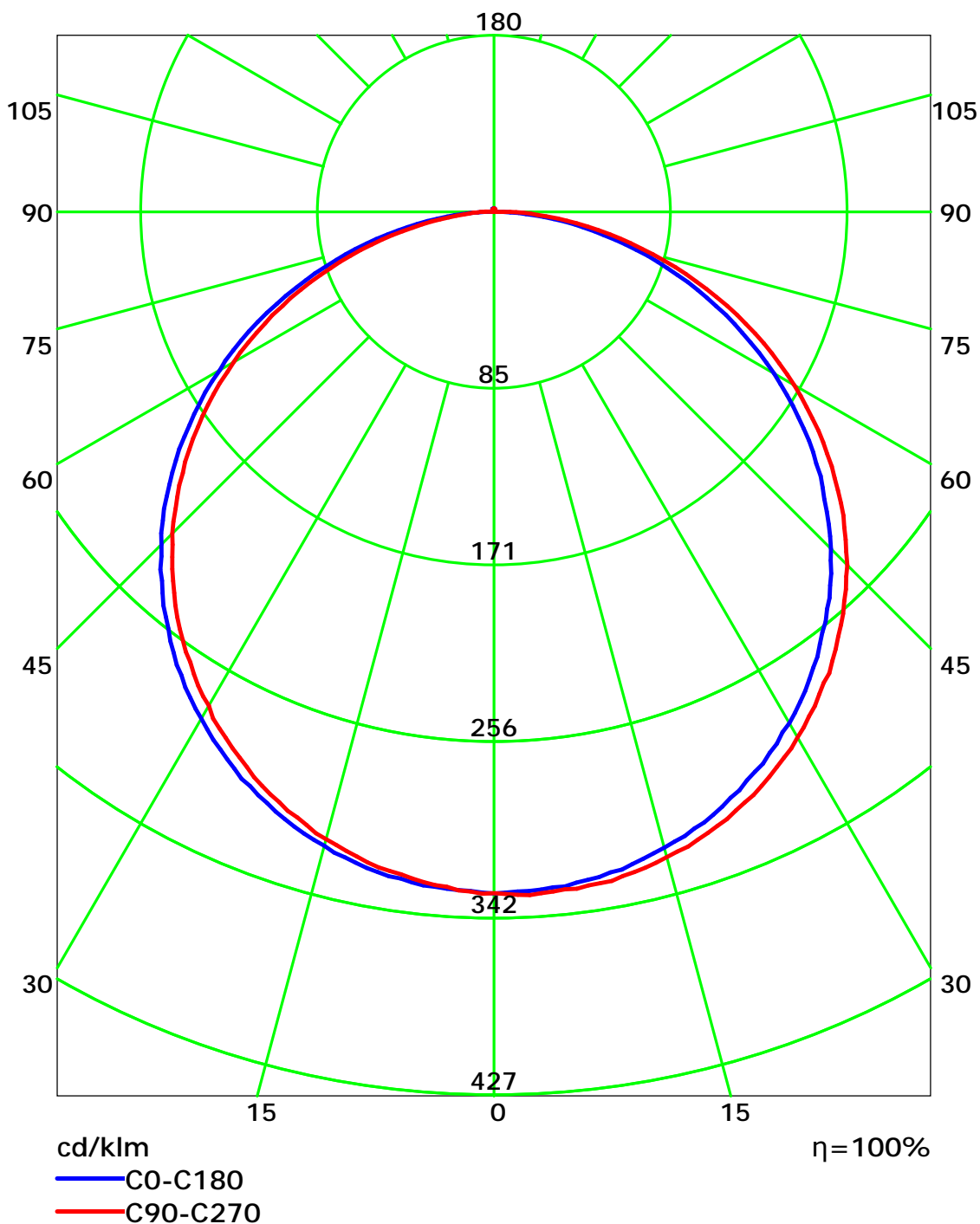
Luminous Intensity Distribution Curve



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:

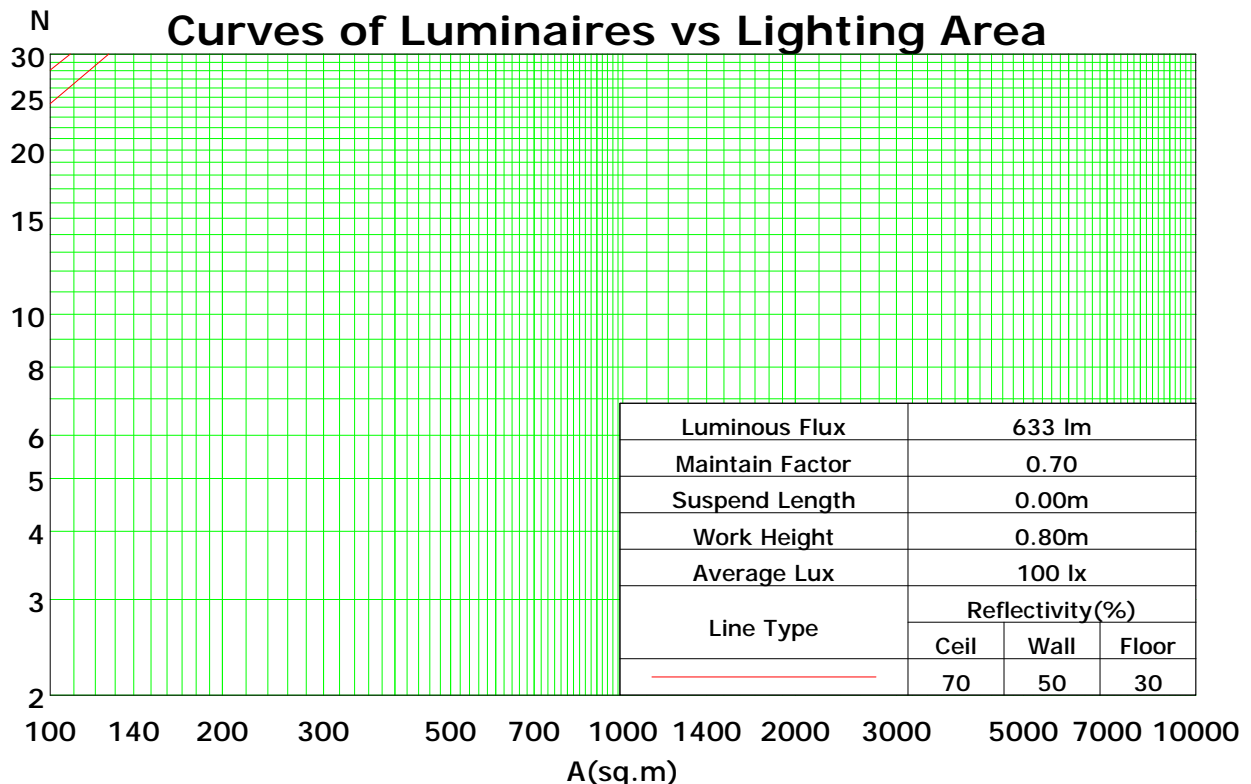
Coefficients Of Utilization - Zonal Cavity Method

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	102	102	102	100
1	108	103	99	95	105	101	97	93	97	93	90	93	90	87	89	87	85	82
2	98	90	83	77	95	88	81	76	84	79	74	81	76	72	77	74	70	68
3	89	78	70	63	87	77	69	63	74	67	62	71	65	60	68	63	59	57
4	82	69	60	53	79	68	60	53	65	58	52	63	57	51	61	55	51	48
5	75	62	53	46	73	61	52	46	58	51	45	56	50	44	54	49	44	42
6	69	56	46	40	67	55	46	40	53	45	39	51	44	39	49	43	38	36
7	64	50	41	35	62	49	41	35	48	40	35	46	39	34	45	39	34	32
8	60	46	37	31	58	45	37	31	44	36	31	42	36	31	41	35	30	28
9	56	42	34	28	54	41	33	28	40	33	28	39	32	28	38	32	27	26
10	52	39	31	25	51	38	30	25	37	30	25	36	30	25	35	29	25	23

Spacing Criteria (0-180): 1.28

Spacing Criteria (90-270): 1.28

Spacing Criteria (Diagonal): 1.41



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

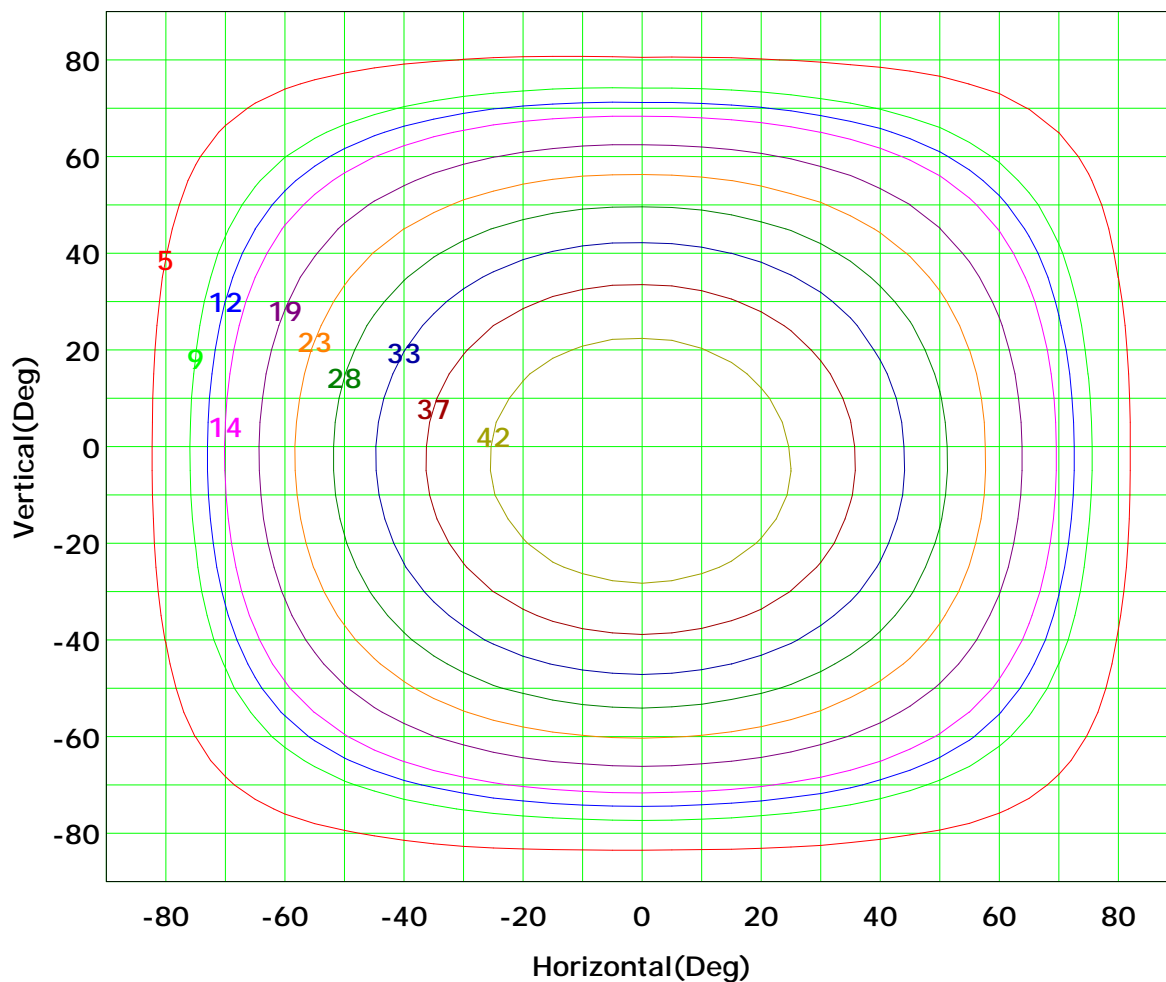
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



Imax (100%): 47 cd

(10%):	5 cd	(20%):	9 cd
(25%):	12 cd	(30%):	14 cd
(40%):	19 cd	(50%):	23 cd
(60%):	28 cd	(70%):	33 cd
(80%):	37 cd	(90%):	42 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

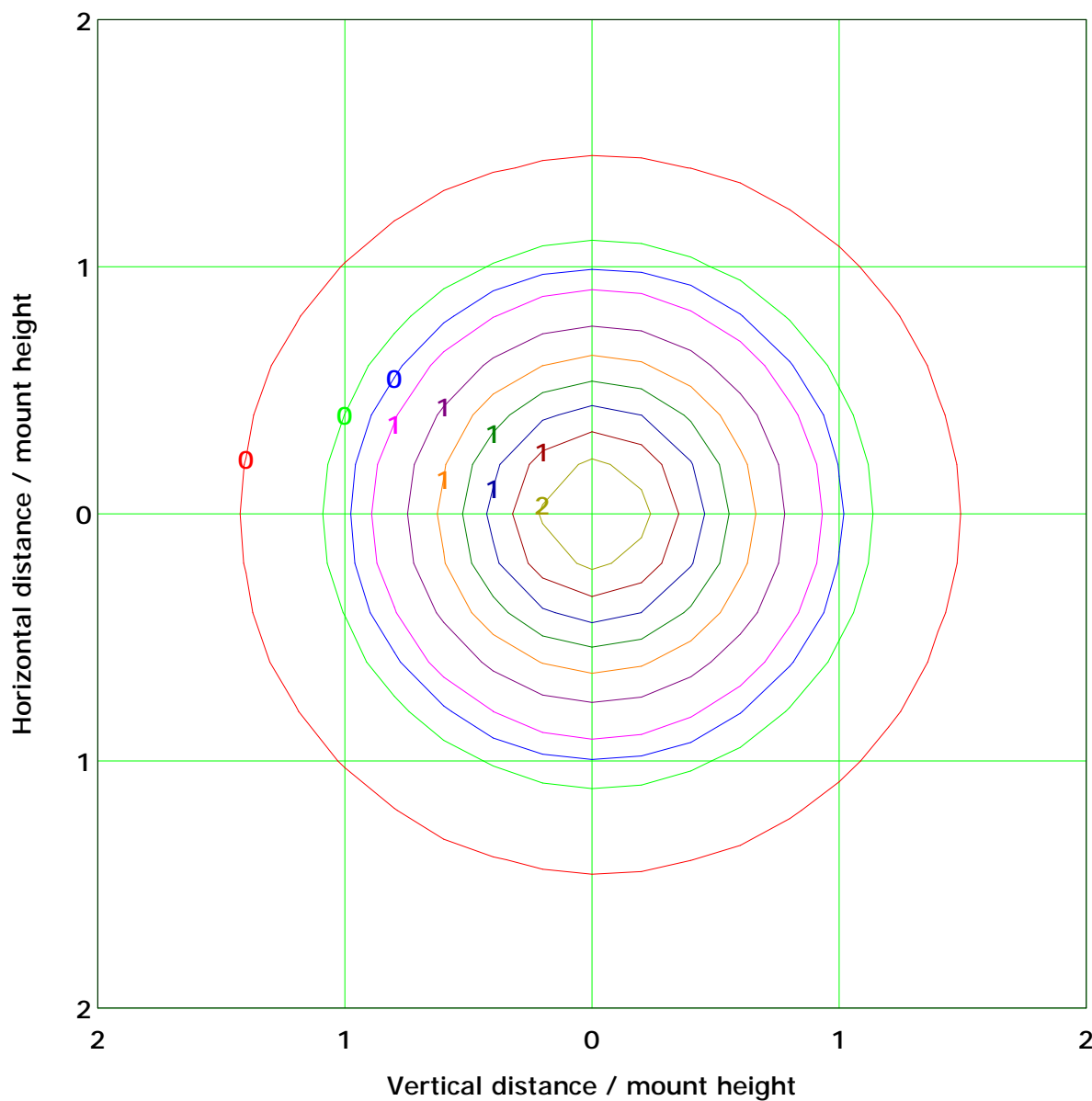
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

IsoLux Plot



Mounting Height: 5.0m Max Lux(100%): 1.9 lx

(10%): 0.2 lx	(20%): 0.4 lx
(25%): 0.5 lx	(30%): 0.6 lx
(40%): 0.7 lx	(50%): 0.9 lx
(60%): 1.1 lx	(70%): 1.3 lx
(80%): 1.5 lx	(90%): 1.7 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

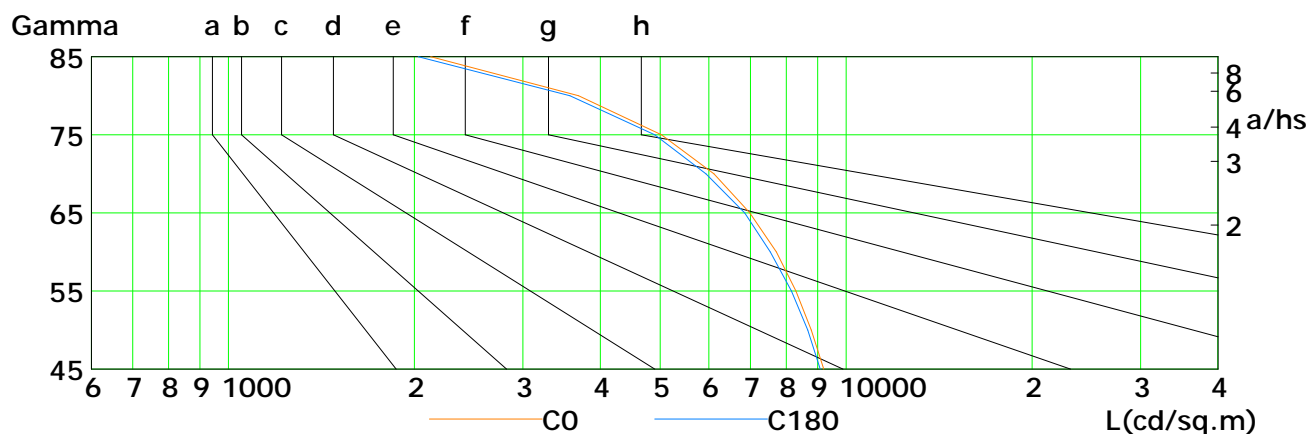
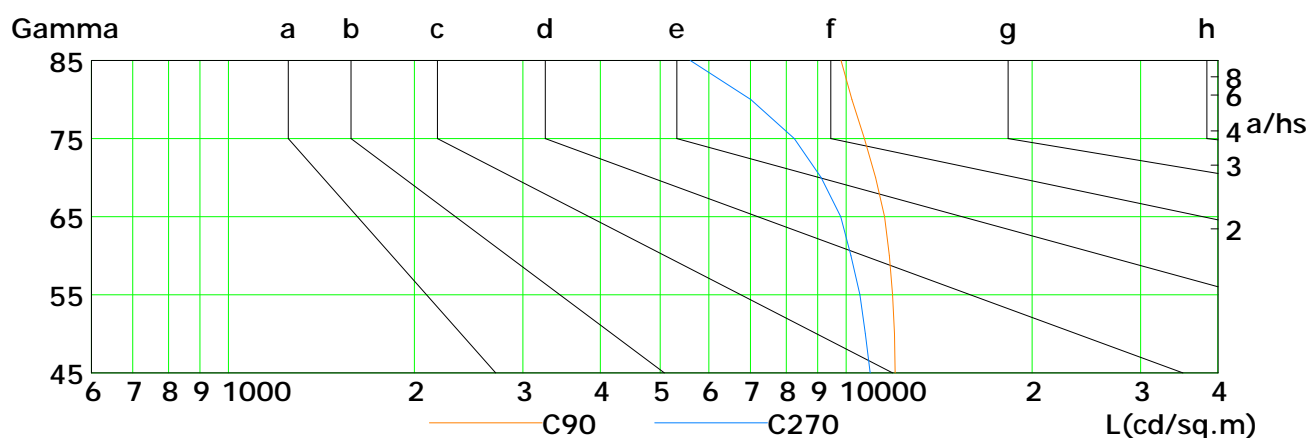
Humidity: 60%

Inspector:

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	9204	8780	8299	7711	6989	6114	5027	3692	2127
C90	12015	11976	11892	11749	11549	11163	10707	10220	9820
C180	9085	8669	8155	7544	6855	5936	4902	3573	2030
C270	10941	10742	10531	10189	9807	9117	8242	7011	5596

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

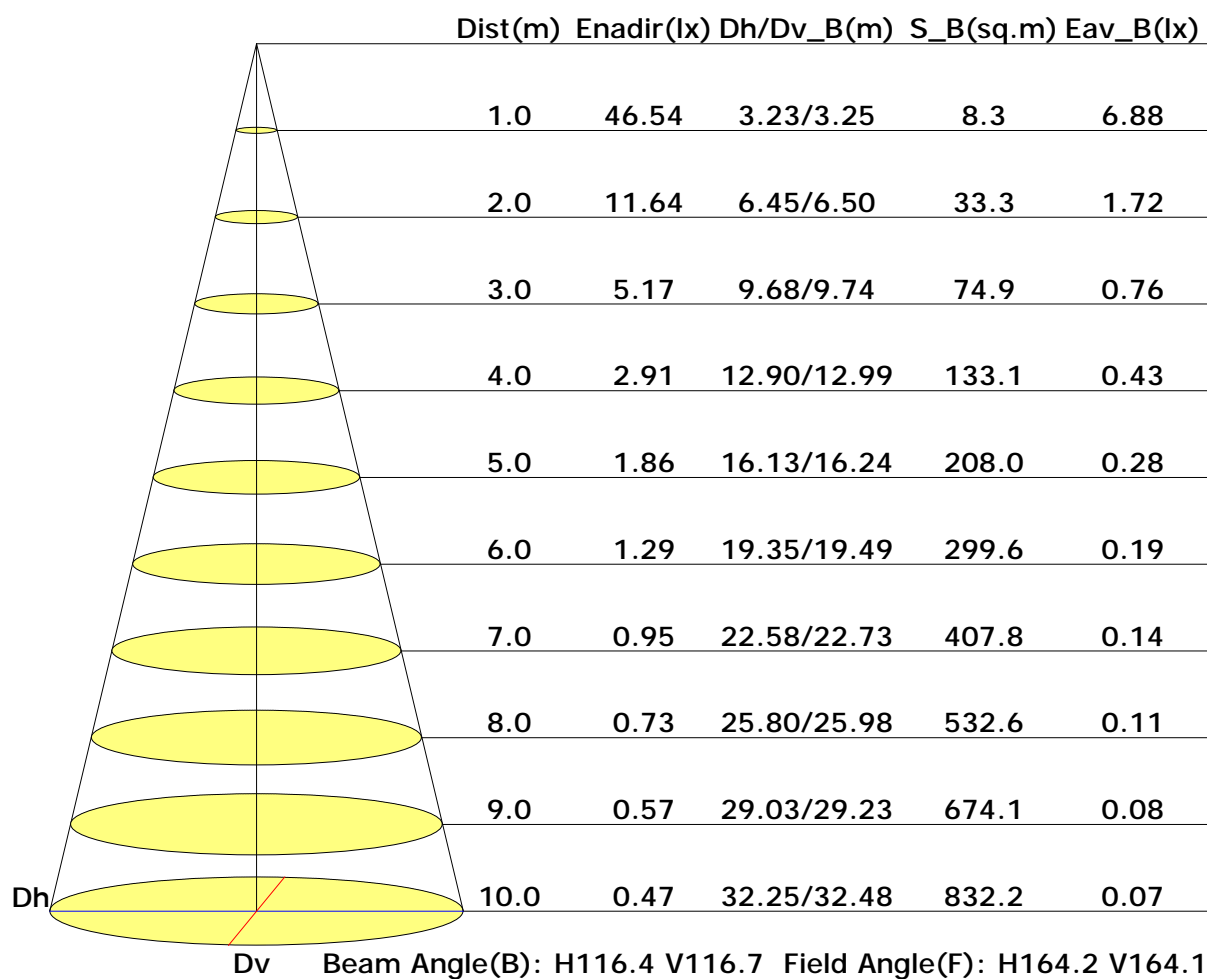
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

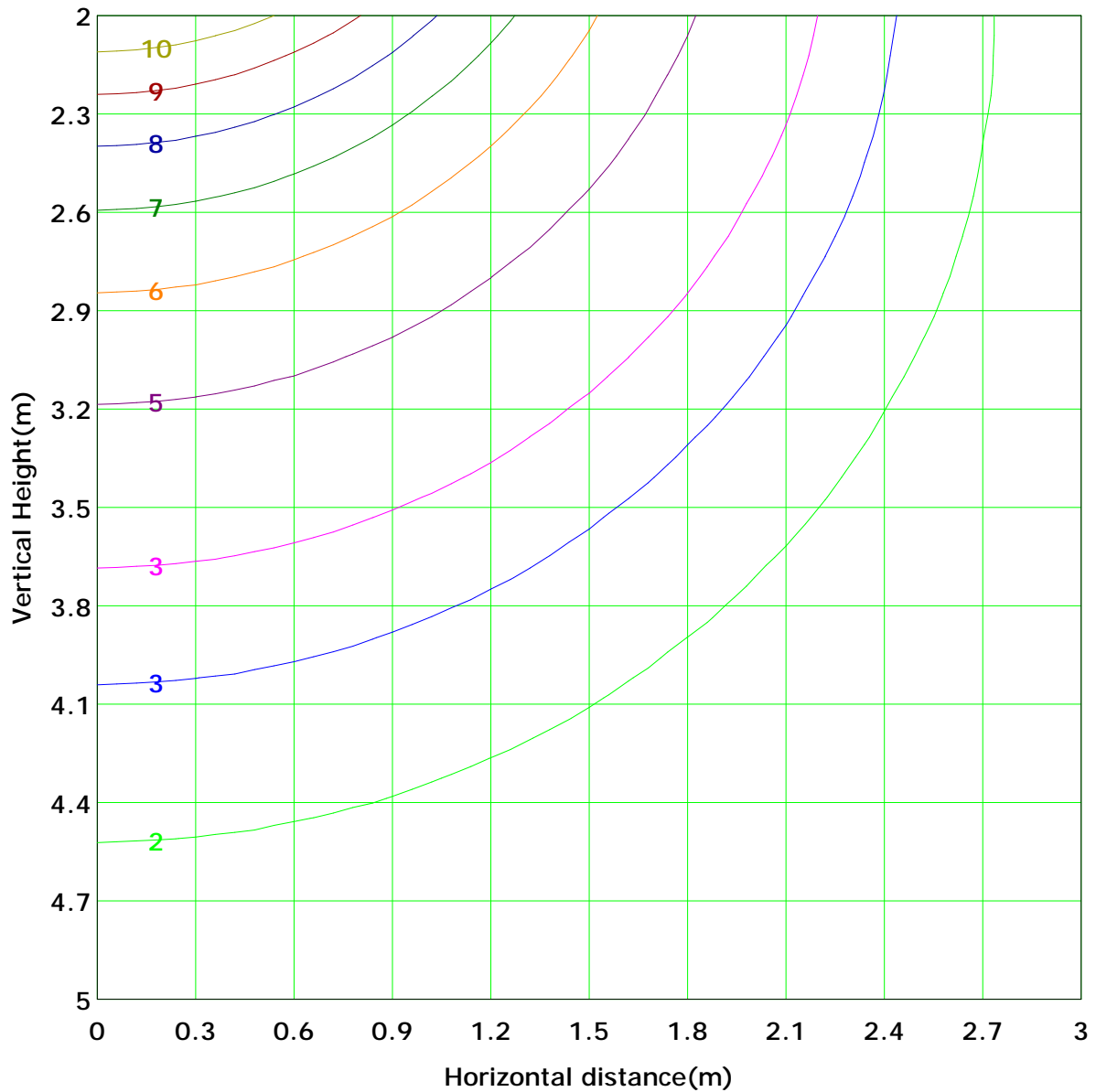
Inspector:

Illuminance at a Distance





Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 11.6 lx
(10%): 1.2 lx	(20%): 2.3 lx	
(25%): 2.9 lx	(30%): 3.5 lx	
(40%): 4.7 lx	(50%): 5.8 lx	
(60%): 7.0 lx	(70%): 8.1 lx	
(80%): 9.3 lx	(90%): 10.5 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

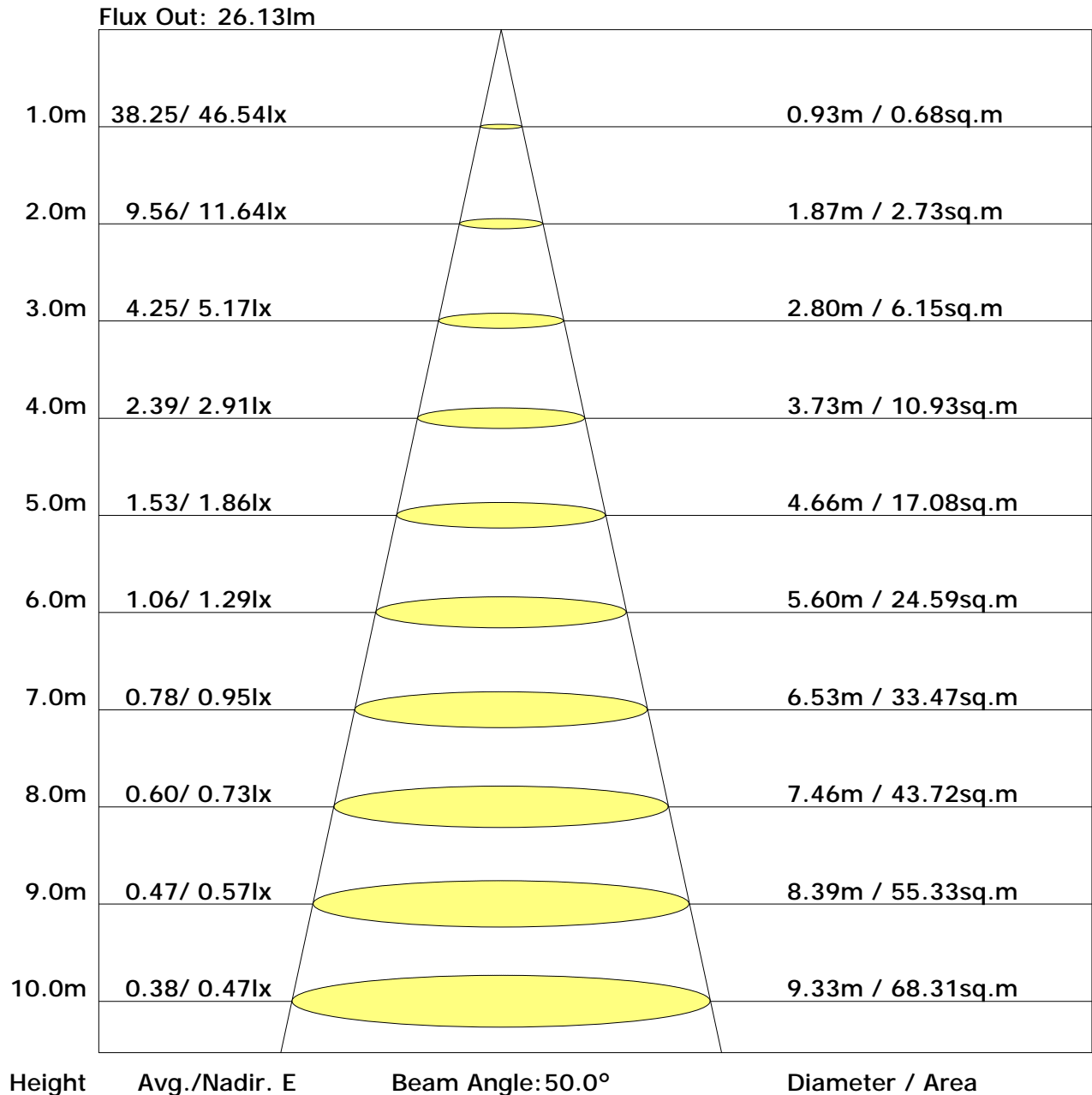
Vertical plane		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
Horizontal plane	-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
	-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.8
	-70	0.0	0.0	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	2.5	2.4
	-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	4.9	4.8
	-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	7.7	7.5
	-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	10.4	10.3
	-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	12.9	12.8
	-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	14.7	14.6
	-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	15.7	15.6
	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.7	15.6
	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	14.8	14.7
	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	13.0	12.9
	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	10.5	10.4
	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	7.7	7.6
	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	5.0	4.9
	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	2.6	2.5
	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	0.9	0.8
	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	0.1	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	140	138
	Flux(T)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	140	138
	Flux(E)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	140	138

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:



The Average Illuminance Effective Figure



C Plane (°): 0.0-360.0: 30.0
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Test Type: TYPE C
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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	27.0	28.6	27.4	29.0	29.3	26.7	28.4	27.1	28.7	29.0
3H	28.9	30.4	29.3	30.7	31.1	28.4	29.9	28.8	30.3	30.6
4H	29.6	31.0	30.0	31.4	31.7	29.0	30.4	29.4	30.8	31.2
6H	30.1	31.4	30.5	31.8	32.2	29.5	30.8	29.9	31.1	31.5
8H	30.3	31.6	30.8	32.0	32.4	29.6	30.8	30.0	31.2	31.6
12H	30.5	31.7	30.9	32.0	32.5	29.7	30.9	30.1	31.3	31.7
X=4H Y=2H	27.5	28.9	27.9	29.3	29.7	27.4	28.8	27.8	29.1	29.5
3H	29.6	30.8	30.0	31.2	31.6	29.3	30.5	29.7	30.9	31.3
4H	30.4	31.5	30.9	31.9	32.4	30.0	31.1	30.5	31.5	32.0
6H	31.1	32.0	31.5	32.5	32.9	30.6	31.5	31.0	31.9	32.4
8H	31.3	32.2	31.8	32.7	33.1	30.7	31.6	31.2	32.1	32.5
12H	31.5	32.3	32.0	32.8	33.3	30.8	31.6	31.3	32.1	32.6
X=8H Y=4H	30.7	31.5	31.1	32.0	32.5	30.3	31.2	30.8	31.7	32.1
6H	31.4	32.1	31.9	32.6	33.1	31.0	31.7	31.5	32.2	32.7
8H	31.7	32.4	32.2	32.9	33.4	31.2	31.9	31.7	32.4	32.9
12H	32.0	32.5	32.5	33.0	33.6	31.4	32.0	31.9	32.5	33.0
X=12H Y=4H	30.7	31.5	31.2	31.9	32.4	30.4	31.2	30.9	31.6	32.1
6H	31.4	32.1	32.0	32.6	33.1	31.0	31.7	31.6	32.2	32.7
8H	31.8	32.4	32.3	32.9	33.4	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 = 1.25								
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	0.55	0.66	0.73	0.78	0.86	0.91	0.95	0.99	1.02
	0.30		0.47	0.58	0.65	0.71	0.79	0.85	0.89	0.95	0.99
	0.20		0.41	0.52	0.59	0.65	0.74	0.80	0.85	0.91	0.95
0.50	0.50	0.20	0.53	0.63	0.70	0.76	0.83	0.87	0.91	0.95	0.98
	0.30		0.46	0.56	0.64	0.69	0.77	0.83	0.86	0.92	0.95
	0.20		0.41	0.51	0.59	0.64	0.73	0.78	0.83	0.89	0.92
0.30	0.50	0.20	0.52	0.61	0.68	0.73	0.80	0.84	0.87	0.92	0.94
	0.30		0.45	0.55	0.62	0.68	0.75	0.80	0.84	0.89	0.92
	0.20		0.41	0.50	0.58	0.63	0.71	0.77	0.81	0.86	0.89
0.00	0.00	0.00	0.38	0.48	0.55	0.60	0.68	0.73	0.76	0.81	0.85
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 = 1.25									
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	1.02	0.85	0.72	0.63	0.51	0.42	0.36	0.28	0.23	
	0.30		0.85	0.72	0.63	0.56	0.46	0.39	0.33	0.26	0.22	
	0.20		0.73	0.63	0.56	0.50	0.42	0.36	0.31	0.25	0.21	
0.50	0.50	0.20	0.98	0.81	0.69	0.60	0.48	0.43	0.34	0.27	0.22	
	0.30		0.83	0.71	0.61	0.54	0.44	0.37	0.32	0.25	0.21	
	0.20		0.72	0.62	0.55	0.49	0.41	0.35	0.30	0.24	0.20	
0.30	0.50	0.20	0.96	0.78	0.67	0.58	0.46	0.38	0.33	0.25	0.21	
	0.30		0.82	0.69	0.60	0.53	0.43	0.36	0.31	0.24	0.20	
	0.20		0.72	0.61	0.54	0.48	0.40	0.34	0.29	0.23	0.19	
0.00	0.00	0.00	0.62	0.52	0.45	0.40	0.32	0.27	0.23	0.18	0.15	
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 = 1.25								
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	0.21	0.22	0.22
	0.30		0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.20
	0.20		0.05	0.06	0.08	0.09	0.11	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	0.12	0.14	0.15	0.16	0.17	0.18	0.19
	0.20		0.05	0.06	0.08	0.09	0.11	0.13	0.14	0.15	0.16
0.30	0.50	0.20	0.16	0.17	0.18	0.18	0.19	0.19	0.20	0.20	0.20
	0.30		0.10	0.11	0.12	0.13	0.15	0.16	0.16	0.17	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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	46.5	0.0	0.0	0.03	0.03
1.0-2.0	46.5	0.1	0.2	0.09	0.13
2.0-3.0	46.5	0.2	0.4	0.16	0.28
3.0-4.0	46.5	0.3	0.7	0.22	0.50
4.0-5.0	46.4	0.4	1.1	0.28	0.79
5.0-6.0	46.3	0.5	1.6	0.35	1.13
6.0-7.0	46.3	0.6	2.2	0.41	1.54
7.0-8.0	46.1	0.7	2.8	0.47	2.01
8.0-9.0	46.0	0.7	3.6	0.53	2.54
9.0-10.0	45.9	0.8	4.4	0.59	3.13
10.0-11.0	45.8	0.9	5.3	0.65	3.78
11.0-12.0	45.6	1.0	6.3	0.71	4.48
12.0-13.0	45.5	1.1	7.4	0.77	5.25
13.0-14.0	45.3	1.2	8.6	0.82	6.07
14.0-15.0	45.1	1.2	9.8	0.88	6.95
15.0-16.0	44.9	1.3	11.1	0.93	7.88
16.0-17.0	44.7	1.4	12.5	0.99	8.87
17.0-18.0	44.4	1.5	14.0	1.04	9.91
18.0-19.0	44.2	1.5	15.5	1.09	11.00
19.0-20.0	43.9	1.6	17.1	1.14	12.14
20.0-21.0	43.6	1.7	18.8	1.19	13.32
21.0-22.0	43.3	1.7	20.5	1.23	14.56
22.0-23.0	43.0	1.8	22.3	1.28	15.84
23.0-24.0	42.7	1.9	24.2	1.32	17.16
24.0-25.0	42.3	1.9	26.1	1.37	18.53
25.0-26.0	42.0	2.0	28.1	1.41	19.93
26.0-27.0	41.6	2.0	30.1	1.44	21.38
27.0-28.0	41.2	2.1	32.2	1.48	22.86
28.0-29.0	40.9	2.1	34.4	1.52	24.38
29.0-30.0	40.5	2.2	36.6	1.55	25.92
30.0-31.0	40.0	2.2	38.8	1.58	27.51
31.0-32.0	39.6	2.3	41.1	1.61	29.11
32.0-33.0	39.2	2.3	43.4	1.64	30.75
33.0-34.0	38.7	2.3	45.7	1.66	32.41
34.0-35.0	38.2	2.4	48.1	1.68	34.09
35.0-36.0	37.7	2.4	50.5	1.70	35.80

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	37.2	2.4	52.9	1.72	37.52
37.0-38.0	36.7	2.5	55.4	1.74	39.26
38.0-39.0	36.2	2.5	57.8	1.75	41.01
39.0-40.0	35.7	2.5	60.3	1.76	42.78
40.0-41.0	35.1	2.5	62.8	1.77	44.55
41.0-42.0	34.5	2.5	65.3	1.78	46.33
42.0-43.0	34.0	2.5	67.8	1.78	48.11
43.0-44.0	33.4	2.5	70.4	1.79	49.90
44.0-45.0	32.8	2.5	72.9	1.79	51.69
45.0-46.0	32.2	2.5	75.4	1.78	53.47
46.0-47.0	31.6	2.5	77.9	1.78	55.25
47.0-48.0	30.9	2.5	80.4	1.77	57.02
48.0-49.0	30.3	2.5	82.9	1.76	58.79
49.0-50.0	29.6	2.5	85.4	1.75	60.54
50.0-51.0	28.9	2.4	87.8	1.74	62.27
51.0-52.0	28.3	2.4	90.2	1.72	63.99
52.0-53.0	27.6	2.4	92.6	1.70	65.69
53.0-54.0	26.9	2.4	95.0	1.68	67.37
54.0-55.0	26.1	2.3	97.3	1.66	69.03
55.0-56.0	25.4	2.3	99.6	1.63	70.66
56.0-57.0	24.7	2.3	101.9	1.60	72.26
57.0-58.0	23.9	2.2	104.1	1.57	73.83
58.0-59.0	23.2	2.2	106.3	1.54	75.37
59.0-60.0	22.4	2.1	108.4	1.50	76.87
60.0-61.0	21.7	2.1	110.5	1.47	78.34
61.0-62.0	20.9	2.0	112.5	1.43	79.76
62.0-63.0	20.1	2.0	114.4	1.39	81.15
63.0-64.0	19.3	1.9	116.3	1.34	82.49
64.0-65.0	18.5	1.8	118.2	1.30	83.79
65.0-66.0	17.7	1.8	119.9	1.25	85.05
66.0-67.0	16.9	1.7	121.6	1.21	86.25
67.0-68.0	16.1	1.6	123.3	1.16	87.41
68.0-69.0	15.3	1.6	124.8	1.10	88.51
69.0-70.0	14.4	1.5	126.3	1.05	89.56
70.0-71.0	13.6	1.4	127.7	1.00	90.56
71.0-72.0	12.8	1.3	129.0	0.95	91.51

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	12.0	1.3	130.3	0.89	92.40
73.0-74.0	11.2	1.2	131.5	0.84	93.24
74.0-75.0	10.4	1.1	132.6	0.78	94.02
75.0-76.0	9.6	1.0	133.6	0.72	94.74
76.0-77.0	8.8	0.9	134.5	0.67	95.41
77.0-78.0	8.1	0.9	135.4	0.61	96.02
78.0-79.0	7.3	0.8	136.2	0.56	96.58
79.0-80.0	6.6	0.7	136.9	0.50	97.09
80.0-81.0	5.9	0.6	137.5	0.45	97.54
81.0-82.0	5.2	0.6	138.1	0.40	97.94
82.0-83.0	4.5	0.5	138.6	0.35	98.29
83.0-84.0	3.9	0.4	139.0	0.30	98.59
84.0-85.0	3.3	0.4	139.4	0.26	98.85
85.0-86.0	2.7	0.3	139.7	0.21	99.06
86.0-87.0	2.2	0.2	139.9	0.17	99.23
87.0-88.0	1.8	0.2	140.1	0.14	99.37
88.0-89.0	1.3	0.1	140.3	0.10	99.47
89.0-90.0	1.0	0.1	140.4	0.08	99.55
90.0-91.0	0.7	0.1	140.5	0.05	99.60
91.0-92.0	0.5	0.1	140.5	0.04	99.64
92.0-93.0	0.4	0.0	140.5	0.03	99.67
93.0-94.0	0.3	0.0	140.6	0.02	99.69
94.0-95.0	0.2	0.0	140.6	0.01	99.70
95.0-96.0	0.1	0.0	140.6	0.01	99.71
96.0-97.0	0.1	0.0	140.6	0.00	99.71
97.0-98.0	0.0	0.0	140.6	0.00	99.72
98.0-99.0	0.0	0.0	140.6	0.00	99.72
99.0-100.0	0.0	0.0	140.6	0.00	99.72
100.0-101.0	0.0	0.0	140.6	0.00	99.72
101.0-102.0	0.0	0.0	140.6	0.00	99.72
102.0-103.0	0.0	0.0	140.6	0.00	99.72
103.0-104.0	0.0	0.0	140.6	0.00	99.72
104.0-105.0	0.0	0.0	140.6	0.00	99.72
105.0-106.0	0.0	0.0	140.6	0.00	99.73
106.0-107.0	0.0	0.0	140.6	0.00	99.73
107.0-108.0	0.0	0.0	140.6	0.00	99.73

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	0.0	0.0	140.6	0.00	99.73
109.0-110.0	0.0	0.0	140.6	0.00	99.73
110.0-111.0	0.0	0.0	140.6	0.00	99.73
111.0-112.0	0.0	0.0	140.6	0.00	99.73
112.0-113.0	0.0	0.0	140.6	0.00	99.74
113.0-114.0	0.0	0.0	140.6	0.00	99.74
114.0-115.0	0.0	0.0	140.6	0.00	99.74
115.0-116.0	0.0	0.0	140.6	0.00	99.74
116.0-117.0	0.0	0.0	140.7	0.00	99.74
117.0-118.0	0.0	0.0	140.7	0.00	99.75
118.0-119.0	0.0	0.0	140.7	0.00	99.75
119.0-120.0	0.1	0.0	140.7	0.00	99.75
120.0-121.0	0.1	0.0	140.7	0.00	99.76
121.0-122.0	0.1	0.0	140.7	0.00	99.76
122.0-123.0	0.1	0.0	140.7	0.00	99.77
123.0-124.0	0.1	0.0	140.7	0.00	99.77
124.0-125.0	0.1	0.0	140.7	0.00	99.77
125.0-126.0	0.1	0.0	140.7	0.00	99.78
126.0-127.0	0.1	0.0	140.7	0.00	99.78
127.0-128.0	0.1	0.0	140.7	0.01	99.79
128.0-129.0	0.1	0.0	140.7	0.01	99.79
129.0-130.0	0.1	0.0	140.7	0.00	99.80
130.0-131.0	0.1	0.0	140.7	0.01	99.80
131.0-132.0	0.1	0.0	140.7	0.01	99.81
132.0-133.0	0.1	0.0	140.8	0.01	99.81
133.0-134.0	0.1	0.0	140.8	0.01	99.82
134.0-135.0	0.1	0.0	140.8	0.01	99.82
135.0-136.0	0.1	0.0	140.8	0.01	99.83
136.0-137.0	0.1	0.0	140.8	0.01	99.84
137.0-138.0	0.1	0.0	140.8	0.01	99.84
138.0-139.0	0.1	0.0	140.8	0.00	99.85
139.0-140.0	0.1	0.0	140.8	0.01	99.85
140.0-141.0	0.1	0.0	140.8	0.01	99.86
141.0-142.0	0.1	0.0	140.8	0.01	99.86
142.0-143.0	0.1	0.0	140.8	0.01	99.87
143.0-144.0	0.1	0.0	140.8	0.00	99.87

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	0.1	0.0	140.8	0.01	99.88
145.0-146.0	0.1	0.0	140.8	0.01	99.88
146.0-147.0	0.1	0.0	140.9	0.01	99.89
147.0-148.0	0.1	0.0	140.9	0.01	99.90
148.0-149.0	0.1	0.0	140.9	0.01	99.90
149.0-150.0	0.1	0.0	140.9	0.01	99.91
150.0-151.0	0.1	0.0	140.9	0.01	99.91
151.0-152.0	0.1	0.0	140.9	0.01	99.92
152.0-153.0	0.1	0.0	140.9	0.00	99.92
153.0-154.0	0.1	0.0	140.9	0.01	99.93
154.0-155.0	0.1	0.0	140.9	0.00	99.93
155.0-156.0	0.1	0.0	140.9	0.00	99.94
156.0-157.0	0.1	0.0	140.9	0.00	99.94
157.0-158.0	0.2	0.0	140.9	0.00	99.95
158.0-159.0	0.2	0.0	140.9	0.00	99.95
159.0-160.0	0.2	0.0	140.9	0.00	99.95
160.0-161.0	0.2	0.0	141.0	0.00	99.96
161.0-162.0	0.2	0.0	141.0	0.00	99.96
162.0-163.0	0.2	0.0	141.0	0.00	99.97
163.0-164.0	0.2	0.0	141.0	0.00	99.97
164.0-165.0	0.2	0.0	141.0	0.00	99.97
165.0-166.0	0.2	0.0	141.0	0.00	99.98
166.0-167.0	0.2	0.0	141.0	0.00	99.98
167.0-168.0	0.2	0.0	141.0	0.00	99.98
168.0-169.0	0.2	0.0	141.0	0.00	99.99
169.0-170.0	0.2	0.0	141.0	0.00	99.99
170.0-171.0	0.2	0.0	141.0	0.00	99.99
171.0-172.0	0.2	0.0	141.0	0.00	99.99
172.0-173.0	0.2	0.0	141.0	0.00	99.99
173.0-174.0	0.2	0.0	141.0	0.00	100.00
174.0-175.0	0.2	0.0	141.0	0.00	100.00
175.0-176.0	0.2	0.0	141.0	0.00	100.00
176.0-177.0	0.2	0.0	141.0	0.00	100.00
177.0-178.0	0.2	0.0	141.0	0.00	100.00
178.0-179.0	0.2	0.0	141.0	0.00	100.00
179.0-180.0	0.2	0.0	141.0	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: