ACOLYTE
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Report No.: **Test Time: 2019/8/1 09:27**

Luminaire Property

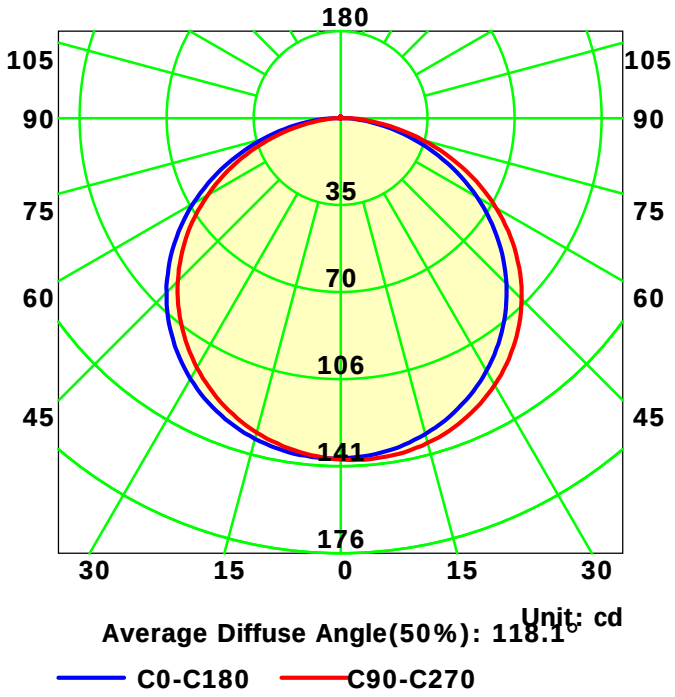
Luminaire Manufacturer:
Luminaire Category: 3527 140LED 6.0W 6500K
Luminaire Description: 3527 140LED 6.0W 6500K
Luminous Length (mm): 500 **Luminous Width (mm): 8**
Luminous Height (mm): 2 **Voltage: 24.0 V**
Current: 0.217 A **Power: 5.21 W**
Power Factor: 1.000

Photometric Results

CIE Class: Direct **Total Rated Lamp Lumens: 427.7 lm**
Measurement Flux: 427.7 lm **Efficiency: 100%**
Downward Ratio: 99% **Upward Ratio: 1%**
Horizontal Diffuse Angle(10%,50%): H164.9,H117.7
Vertical Diffuse Angle(10%,50%): V164.2,V118.4
Luminaire Efficacy Rating (LER): 82 **Central Intensity: 138.36 cd**
Max. Intensity: 139.28 cd **Pos of Max. Intensity: H120 V4**

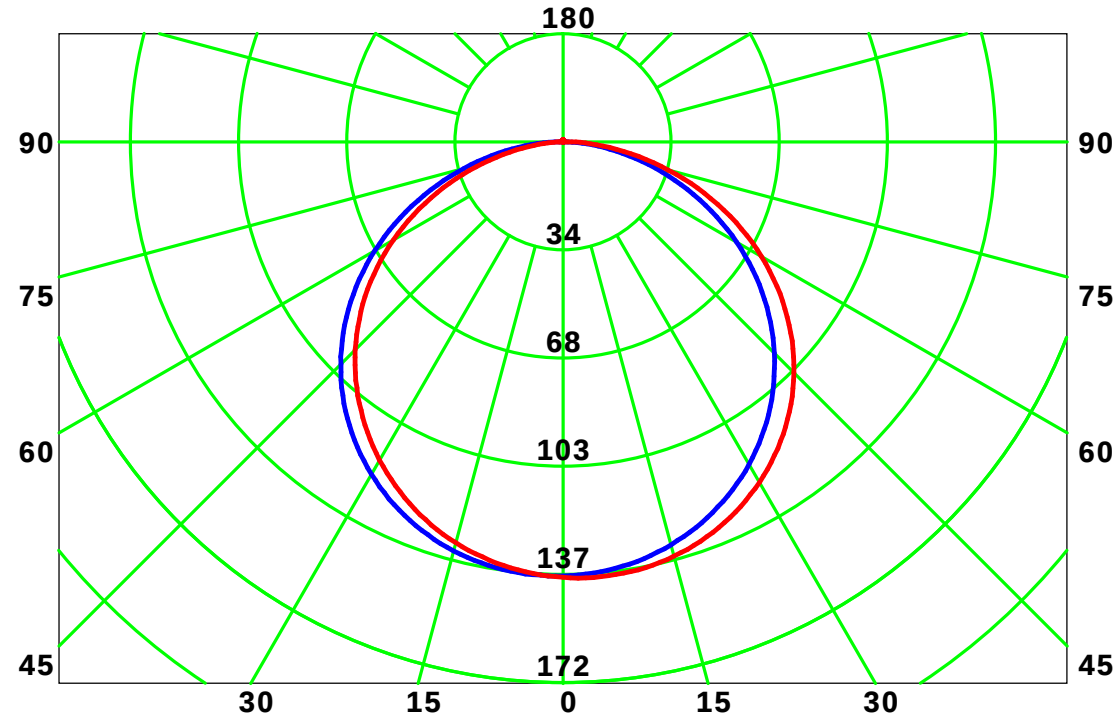
Picture Of Luminaire

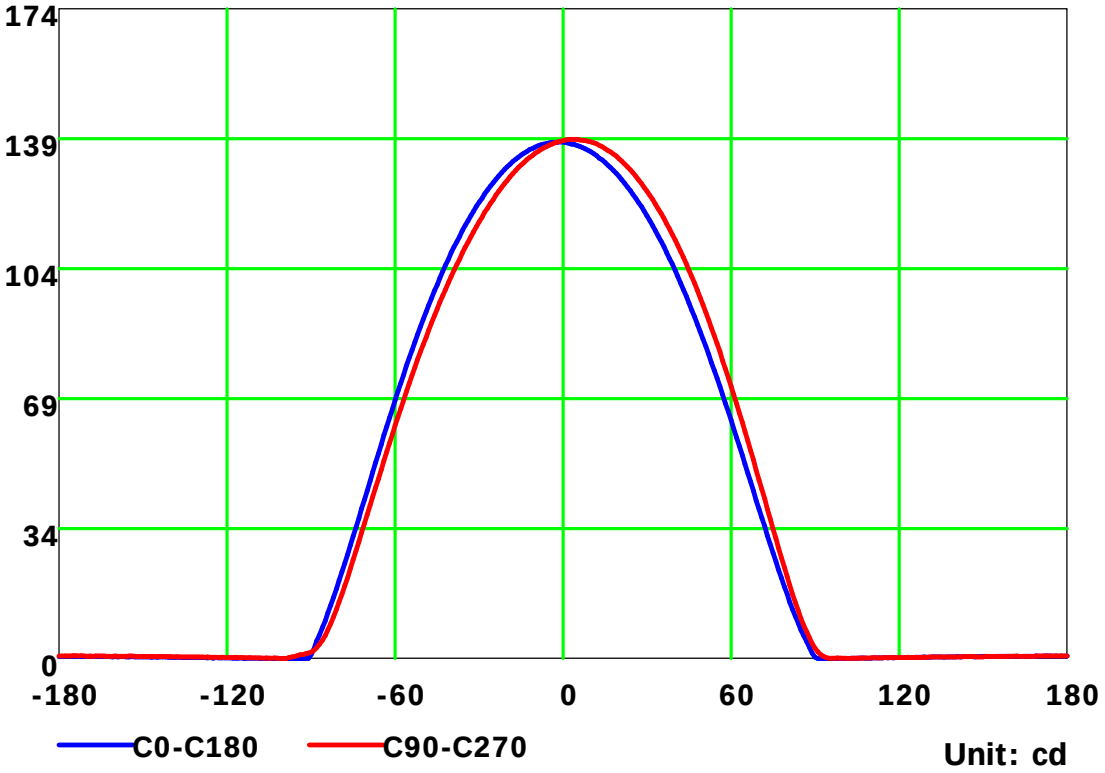
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 30.0 **Gamma Plane (°):0.0-180.0:1.0**
Test Lab: ACOLYTE **Test Device: GPM-1800B**
Test Type: TYPE C **Distance: 9.028 m**
Temperature: 25 **Humidity: 60%**
Operator: Nick **Inspector:**

Luminous Intensity Distribution Curve





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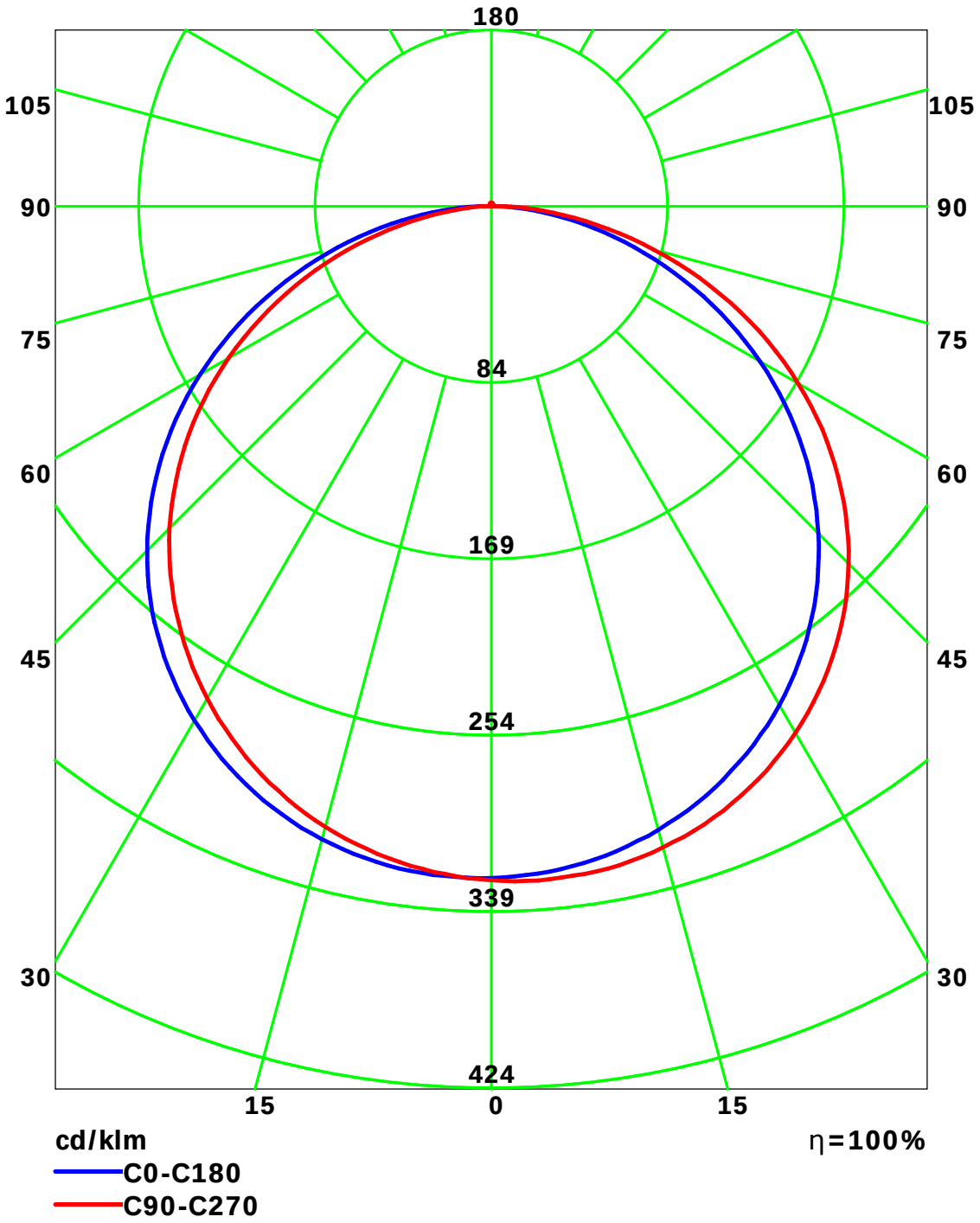
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 30.0
Test Lab: ACOLYTE
Test Type: TYPE C
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Gamma Plane (°):0.0-180.0:1.0
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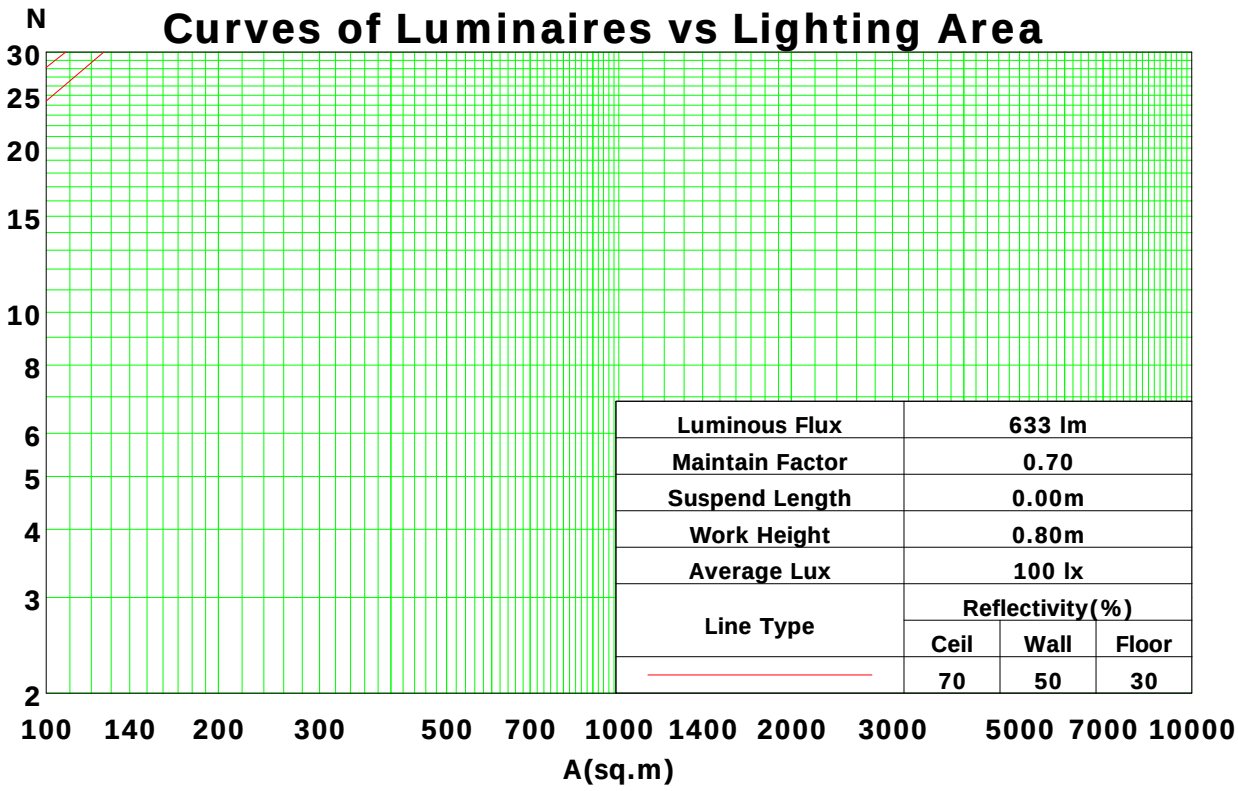
Humidity: 60%
Inspector:

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	95	105	101	97	93	96	93	90	92	90	87	89	86	84	82
2	98	89	82	76	95	87	81	75	84	78	74	80	76	72	77	73	70	68
3	89	78	70	63	87	77	69	63	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	46	73	60	52	45	58	51	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	39	34	32
8	59	46	37	31	58	45	37	31	44	36	31	42	35	30	41	35	30	28
9	55	42	33	28	54	41	33	28	40	33	28	39	32	27	38	32	27	25
10	52	39	31	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): 1.30
Spacing Criteria (Diagonal): 1.42

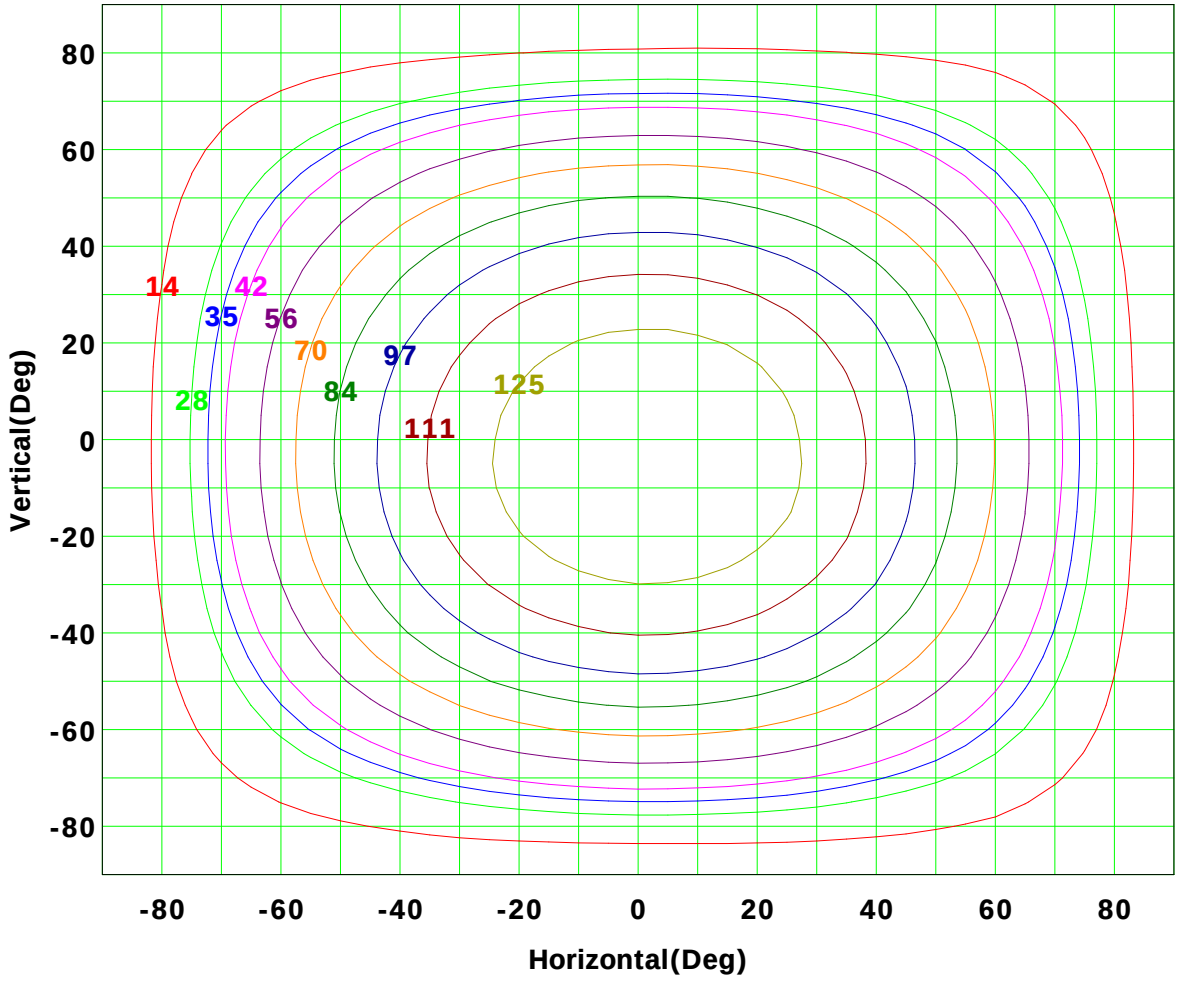
Curves of Luminaires vs Lighting Area



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)



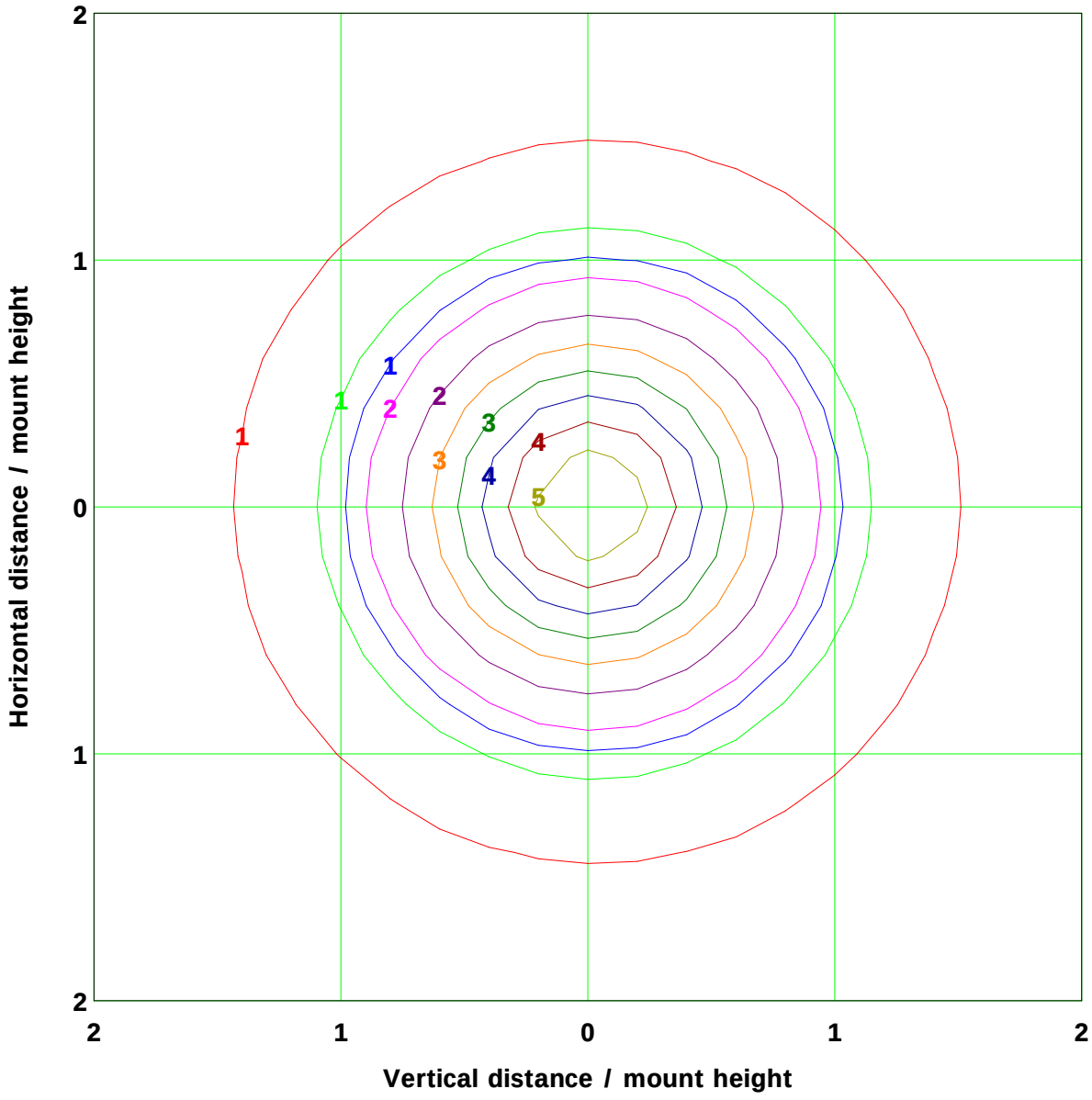
Imax (100%): 139 cd

(10%):	14 cd	(20%):	28 cd
(25%):	35 cd	(30%):	42 cd
(40%):	56 cd	(50%):	70 cd
(60%):	84 cd	(70%):	97 cd
(80%):	111 cd	(90%):	125 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%): 5.6 lx

(10%): 0.6 lx	(20%): 1.1 lx
(25%): 1.4 lx	(30%): 1.7 lx
(40%): 2.2 lx	(50%): 2.8 lx
(60%): 3.3 lx	(70%): 3.9 lx
(80%): 4.4 lx	(90%): 5.0 lx

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Test Lab: ACOLYTE
Test Type: TYPE C
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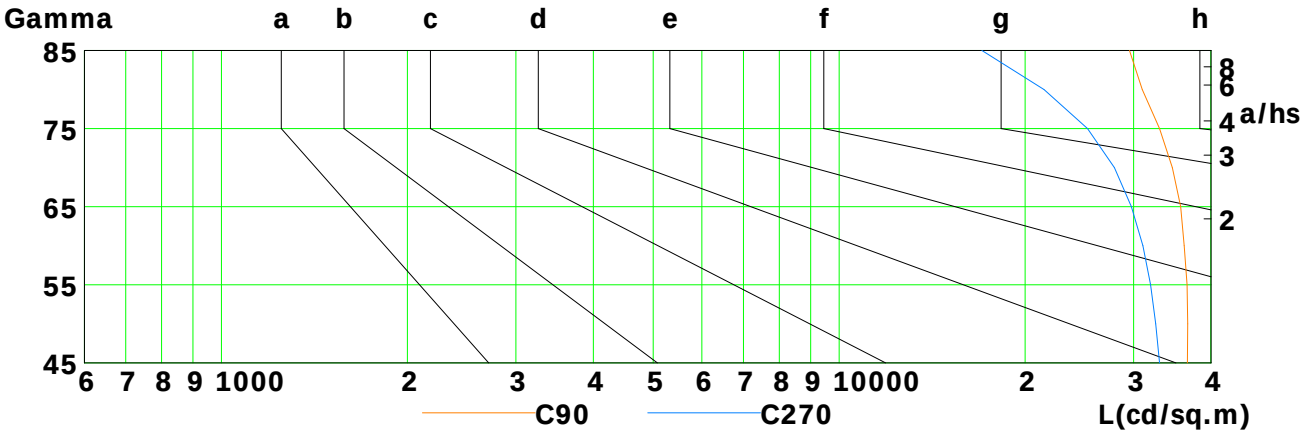
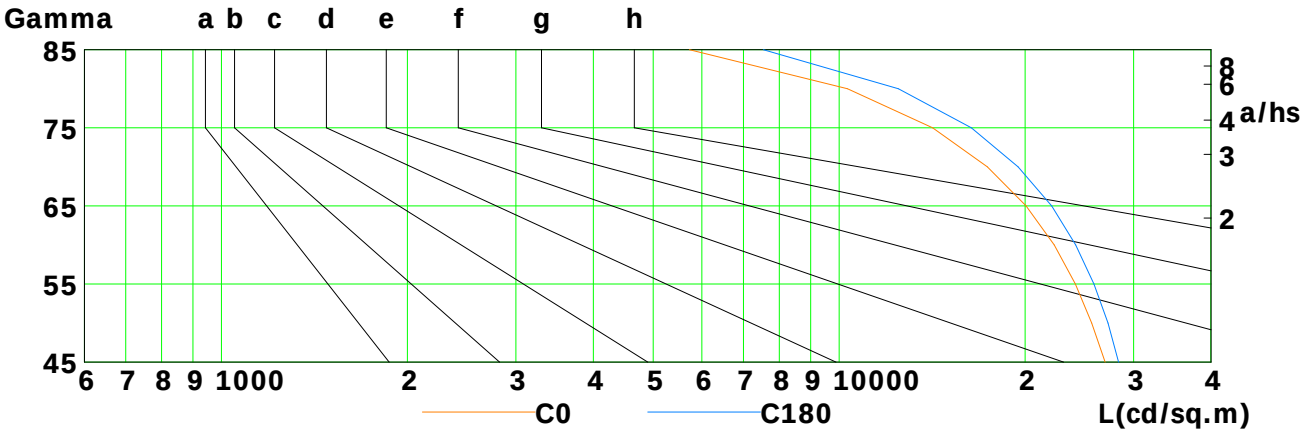
Operator: Nick

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

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



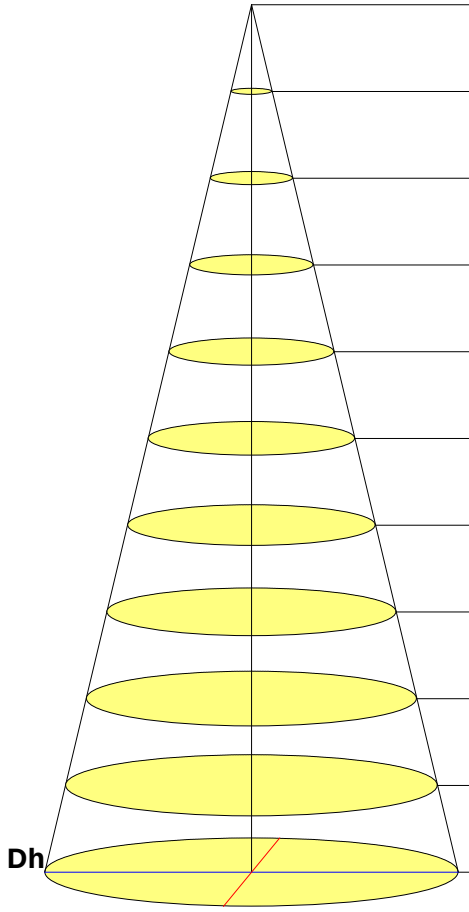


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	26955	25650	24134	22299	20086	17376	14176	10319	5726
C90	36648	36688	36586	36214	35731	34654	33025	30971	29542
C180	28352	27250	25878	24173	22100	19482	16385	12475	7540
C270	33031	32577	31945	31025	29725	27930	25249	21482	17034

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



Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	138.36	3.31/3.36	8.8	19.70
2.0	34.59	6.62/6.72	35.4	4.92
3.0	15.37	9.93/10.07	79.6	2.19
4.0	8.65	13.24/13.43	141.5	1.23
5.0	5.53	16.55/16.79	221.1	0.79
6.0	3.84	19.86/20.15	318.5	0.55
7.0	2.82	23.16/23.51	433.4	0.40
8.0	2.16	26.47/26.86	566.1	0.31
9.0	1.71	29.78/30.22	716.5	0.24
10.0	1.38	33.09/33.58	884.6	0.20

Beam Angle(B): H117.7 V118.4 Field Angle(F): H164.9 V164.2

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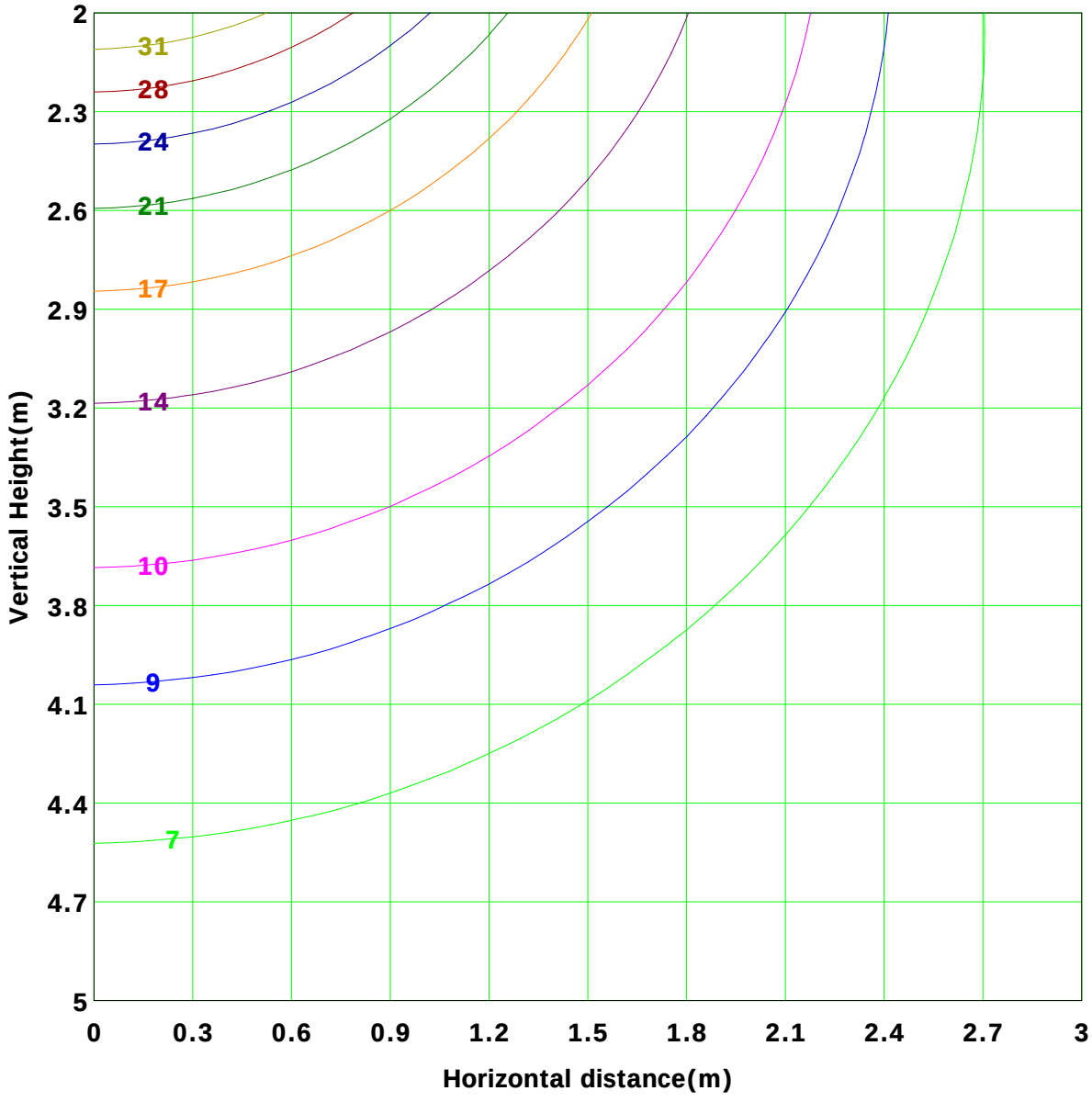
Test Type: TYPE C
Temperature: 25
Operator: Nick

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: 34.6 lx

(10%): 3.5 lx	(20%): 6.9 lx
(25%): 8.6 lx	(30%): 10.4 lx
(40%): 13.8 lx	(50%): 17.3 lx
(60%): 20.8 lx	(70%): 24.2 lx
(80%): 27.7 lx	(90%): 31.1 lx

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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:

GEN LED acolyte® Architectural Lighting Solutions

Area Flux Table

Unit: lm

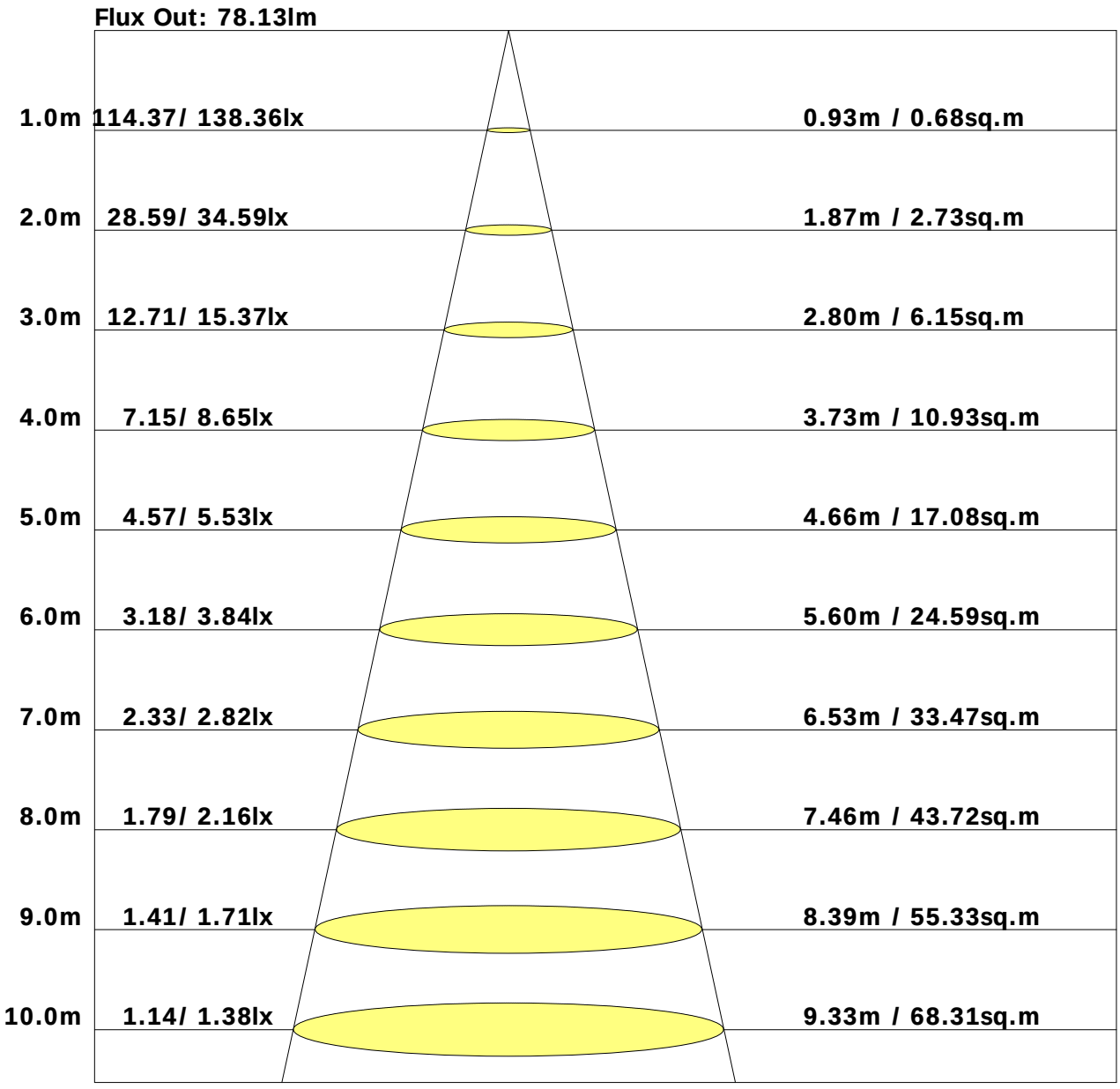
Vertical plane (rows) / Horizontal plane (columns)

Vertical \ Horizontal	-90 – -80	-80 – -70	-70 – -60	-60 – -50	-50 – -40	-40 – -30	-30 – -20	-20 – -10	-10 – 0	0 – 10	10 – 20	20 – 30	30 – 40	40 – 50	50 – 60	60 – 70	70 – 80	80 – 90	Flux(T)	Flux(E)
-90 – -80	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	2.1	0.2
-80 – -70	0.0	0.1	0.2	0.3	0.4	0.6	0.7	0.8	0.8	0.8	0.7	0.6	0.5	0.4	0.2	0.1	0.0	0.0	7.2	6.6
-70 – -60	0.0	0.1	0.3	0.5	0.8	1.0	1.3	1.5	1.5	1.5	1.4	1.2	1.0	0.7	0.4	0.2	0.1	0.0	13.5	13.3
-60 – -50	0.0	0.1	0.4	0.7	1.1	1.5	1.9	2.1	2.2	2.2	2.1	1.8	1.4	1.0	0.6	0.3	0.1	0.0	19.7	19.6
-50 – -40	0.0	0.2	0.5	0.9	1.4	1.9	2.4	2.7	2.8	2.8	2.6	2.3	1.8	1.3	0.8	0.4	0.1	0.0	25.2	25.1
-40 – -30	0.0	0.2	0.6	1.1	1.7	2.3	2.8	3.1	3.3	3.3	3.1	2.7	2.2	1.6	1.0	0.5	0.2	0.0	29.8	29.8
-30 – -20	0.0	0.2	0.7	1.2	1.9	2.6	3.1	3.5	3.7	3.7	3.5	3.0	2.5	1.8	1.2	0.6	0.2	0.0	33.4	33.4
-20 – -10	0.0	0.3	0.7	1.3	2.1	2.8	3.4	3.8	4.0	4.0	3.7	3.3	2.7	2.0	1.3	0.6	0.2	0.0	36.0	36.0
-10 – 0	0.0	0.3	0.7	1.4	2.1	2.9	3.5	3.9	4.2	4.1	3.9	3.4	2.8	2.0	1.3	0.7	0.2	0.0	37.5	37.4
0 – 10	0.0	0.3	0.7	1.4	2.2	2.9	3.5	4.0	4.2	4.2	3.9	3.4	2.8	2.1	1.3	0.7	0.2	0.0	37.8	37.8
10 – 20	0.0	0.3	0.7	1.4	2.1	2.8	3.5	3.9	4.1	4.1	3.8	3.4	2.7	2.0	1.3	0.7	0.2	0.0	37.1	37.1
20 – 30	0.0	0.2	0.7	1.3	2.0	2.7	3.3	3.7	3.9	3.9	3.7	3.2	2.6	1.9	1.2	0.6	0.2	0.0	35.2	35.2
30 – 40	0.0	0.2	0.6	1.2	1.8	2.5	3.0	3.4	3.6	3.6	3.3	2.9	2.4	1.7	1.1	0.6	0.2	0.0	32.0	32.0
40 – 50	0.0	0.2	0.5	1.0	1.6	2.1	2.6	3.0	3.1	3.1	2.9	2.5	2.0	1.5	0.9	0.5	0.2	0.0	27.7	27.7
50 – 60	0.0	0.2	0.4	0.8	1.2	1.7	2.1	2.4	2.5	2.5	2.3	2.0	1.6	1.2	0.7	0.4	0.1	0.0	22.3	22.2
60 – 70	0.0	0.1	0.3	0.6	0.9	1.2	1.5	1.7	1.8	1.8	1.7	1.4	1.1	0.8	0.5	0.3	0.1	0.0	15.9	15.8
70 – 80	0.0	0.1	0.2	0.3	0.5	0.7	0.9	1.0	1.1	1.0	1.0	0.8	0.7	0.5	0.3	0.2	0.1	0.0	9.2	8.8
80 – 90	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.0	3.3	1.2
Flux(T)	0.4	3.0	8.3	15.7	24.2	32.6	39.8	45.0	47.6	47.3	44.2	38.6	31.1	22.6	14.4	7.4	2.5	0.3	425	
Flux(E)	0.2	2.7	8.0	15.4	23.9	32.2	39.5	44.7	47.3	47.0	43.8	38.2	30.7	22.3	14.0	7.0	2.2	0.1		419

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



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Test Lab: ACOLYTE
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Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
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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	26.8	28.5	27.2	28.8	29.1
3H	28.5	30.0	28.9	30.4	30.8	28.5	30.0	28.9	30.4	30.7
4H	29.2	30.6	29.6	31.0	31.4	29.1	30.6	29.5	30.9	31.3
6H	29.7	31.1	30.2	31.4	31.8	29.6	30.9	30.0	31.2	31.7
8H	29.9	31.2	30.3	31.6	32.0	29.7	30.9	30.1	31.3	31.7
12H	30.0	31.2	30.5	31.6	32.1	29.7	31.0	30.2	31.3	31.8
X=4H Y=2H	27.3	28.7	27.7	29.0	29.4	27.4	28.9	27.9	29.2	29.6
3H	29.3	30.5	29.7	30.9	31.3	29.4	30.6	29.8	31.0	31.4
4H	30.1	31.2	30.5	31.6	32.0	30.1	31.2	30.6	31.6	32.1
6H	30.7	31.6	31.2	32.1	32.6	30.7	31.6	31.1	32.1	32.5
8H	30.9	31.8	31.4	32.2	32.7	30.8	31.7	31.3	32.1	32.6
12H	31.1	31.9	31.6	32.3	32.8	30.9	31.7	31.4	32.2	32.7
X=8H Y=4H	30.3	31.2	30.8	31.6	32.1	30.4	31.3	30.9	31.8	32.3
6H	31.0	31.8	31.5	32.3	32.7	31.1	31.8	31.6	32.3	32.8
8H	31.3	32.0	31.8	32.5	33.0	31.3	32.0	31.8	32.5	33.0
12H	31.5	32.1	32.0	32.6	33.2	31.5	32.1	32.0	32.6	33.1
X=12H Y=4H	30.3	31.1	30.8	31.6	32.1	30.5	31.3	31.0	31.8	32.2
6H	31.1	31.7	31.6	32.2	32.7	31.2	31.8	31.7	32.3	32.8
8H	31.4	31.9	31.9	32.4	33.0	31.4	32.0	31.9	32.5	33.1

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	0.73	0.81	0.86	0.90	0.96	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	0.99
	0.30		0.50	0.58	0.65	0.71	0.78	0.84	0.87	0.92	0.96
	0.20		0.45	0.53	0.60	0.66	0.74	0.79	0.84	0.89	0.93
0.30	0.50	0.20	0.55	0.63	0.70	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	0.60	0.65	0.72	0.78	0.81	0.87	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:5W Photometrically tested without ceiling board.

Multiply UF values by service correction factors

Calculate in accordance with CIBSE Technical Memorandum NO.5 1980

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(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	0.37	0.32	0.26	0.21
	0.20		0.69	0.62	0.54	0.48	0.40	0.35	0.30	0.24	0.20
0.50	0.50	0.20	0.93	0.79	0.67	0.58	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	0.47	0.39	0.33	0.29	0.23	0.19
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	0.19
	0.20		0.68	0.60	0.52	0.46	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	0.14

Rating:5W Photometrically tested without ceiling board.

Multiply UF values by service correction factors

Calculate in accordance with CIBSE Technical Memorandum NO.5 1980

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(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	0.21	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	0.19	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

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

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	138.8	0.1	0.1	0.03	0.03
1.0-2.0	138.7	0.4	0.5	0.09	0.12
2.0-3.0	138.6	0.7	1.2	0.16	0.28
3.0-4.0	138.5	0.9	2.1	0.22	0.50
4.0-5.0	138.4	1.2	3.3	0.28	0.77
5.0-6.0	138.2	1.5	4.8	0.34	1.11
6.0-7.0	138.0	1.7	6.5	0.40	1.51
7.0-8.0	137.7	2.0	8.4	0.46	1.98
8.0-9.0	137.4	2.2	10.7	0.52	2.50
9.0-10.0	137.1	2.5	13.2	0.58	3.08
10.0-11.0	136.7	2.7	15.9	0.64	3.71
11.0-12.0	136.2	3.0	18.9	0.70	4.41
12.0-13.0	135.7	3.2	22.1	0.75	5.16
13.0-14.0	135.3	3.5	25.5	0.81	5.97
14.0-15.0	134.7	3.7	29.2	0.86	6.84
15.0-16.0	134.1	3.9	33.2	0.92	7.76
16.0-17.0	133.5	4.2	37.3	0.97	8.73
17.0-18.0	132.8	4.4	41.7	1.02	9.75
18.0-19.0	132.1	4.6	46.3	1.07	10.83
19.0-20.0	131.4	4.8	51.1	1.12	11.95
20.0-21.0	130.6	5.0	56.1	1.17	13.12
21.0-22.0	129.7	5.2	61.4	1.22	14.34
22.0-23.0	128.9	5.4	66.8	1.26	15.61
23.0-24.0	127.9	5.6	72.4	1.31	16.92
24.0-25.0	127.0	5.8	78.1	1.35	18.27
25.0-26.0	126.0	5.9	84.1	1.39	19.66
26.0-27.0	125.0	6.1	90.2	1.43	21.09
27.0-28.0	123.9	6.3	96.5	1.47	22.55
28.0-29.0	122.8	6.4	102.9	1.50	24.05
29.0-30.0	121.6	6.6	109.5	1.54	25.59
30.0-31.0	120.4	6.7	116.2	1.57	27.16
31.0-32.0	119.2	6.8	123.0	1.60	28.75
32.0-33.0	117.9	6.9	129.9	1.62	30.38
33.0-34.0	116.6	7.1	137.0	1.65	32.03
34.0-35.0	115.2	7.2	144.1	1.67	33.70
35.0-36.0	113.8	7.2	151.4	1.69	35.40

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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	112.4	7.3	158.7	1.71	37.11
37.0-38.0	110.9	7.4	166.1	1.73	38.84
38.0-39.0	109.4	7.5	173.6	1.75	40.59
39.0-40.0	107.8	7.5	181.1	1.76	42.34
40.0-41.0	106.2	7.6	188.7	1.77	44.11
41.0-42.0	104.6	7.6	196.3	1.78	45.89
42.0-43.0	102.9	7.6	203.9	1.78	47.67
43.0-44.0	101.2	7.6	211.5	1.79	49.46
44.0-45.0	99.4	7.6	219.2	1.79	51.24
45.0-46.0	97.6	7.6	226.8	1.79	53.03
46.0-47.0	95.8	7.6	234.4	1.78	54.81
47.0-48.0	93.9	7.6	242.0	1.77	56.58
48.0-49.0	92.0	7.6	249.6	1.77	58.35
49.0-50.0	90.0	7.5	257.1	1.76	60.11
50.0-51.0	88.0	7.4	264.5	1.74	61.85
51.0-52.0	86.0	7.4	271.9	1.73	63.57
52.0-53.0	83.9	7.3	279.2	1.71	65.28
53.0-54.0	81.8	7.2	286.4	1.69	66.96
54.0-55.0	79.7	7.1	293.5	1.66	68.63
55.0-56.0	77.5	7.0	300.5	1.64	70.27
56.0-57.0	75.3	6.9	307.4	1.61	71.88
57.0-58.0	73.0	6.8	314.2	1.58	73.45
58.0-59.0	70.8	6.6	320.8	1.55	75.00
59.0-60.0	68.5	6.5	327.3	1.51	76.52
60.0-61.0	66.2	6.3	333.6	1.48	77.99
61.0-62.0	63.8	6.1	339.7	1.44	79.43
62.0-63.0	61.4	6.0	345.7	1.40	80.83
63.0-64.0	59.0	5.8	351.5	1.35	82.18
64.0-65.0	56.6	5.6	357.1	1.31	83.49
65.0-66.0	54.2	5.4	362.5	1.26	84.75
66.0-67.0	51.7	5.2	367.7	1.22	85.97
67.0-68.0	49.3	5.0	372.7	1.17	87.14
68.0-69.0	46.8	4.8	377.5	1.12	88.25
69.0-70.0	44.3	4.6	382.0	1.06	89.32
70.0-71.0	41.8	4.3	386.4	1.01	90.33
71.0-72.0	39.4	4.1	390.4	0.96	91.29

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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	36.9	3.9	394.3	0.90	92.19
73.0-74.0	34.4	3.6	397.9	0.85	93.03
74.0-75.0	32.0	3.4	401.3	0.79	93.83
75.0-76.0	29.6	3.1	404.5	0.73	94.56
76.0-77.0	27.2	2.9	407.4	0.68	95.24
77.0-78.0	24.9	2.7	410.0	0.62	95.86
78.0-79.0	22.6	2.4	412.4	0.57	96.43
79.0-80.0	20.3	2.2	414.6	0.51	96.94
80.0-81.0	18.1	2.0	416.6	0.46	97.40
81.0-82.0	16.0	1.7	418.3	0.40	97.80
82.0-83.0	13.9	1.5	419.8	0.35	98.15
83.0-84.0	11.9	1.3	421.1	0.30	98.46
84.0-85.0	10.0	1.1	422.2	0.26	98.71
85.0-86.0	8.3	0.9	423.1	0.21	98.92
86.0-87.0	6.7	0.7	423.8	0.17	99.09
87.0-88.0	5.2	0.6	424.4	0.13	99.23
88.0-89.0	3.8	0.4	424.8	0.10	99.32
89.0-90.0	2.6	0.3	425.1	0.07	99.39
90.0-91.0	1.8	0.2	425.3	0.05	99.44
91.0-92.0	1.2	0.1	425.4	0.03	99.47
92.0-93.0	0.9	0.1	425.5	0.02	99.49
93.0-94.0	0.6	0.1	425.6	0.02	99.51
94.0-95.0	0.4	0.0	425.7	0.01	99.52
95.0-96.0	0.3	0.0	425.7	0.01	99.53
96.0-97.0	0.2	0.0	425.7	0.01	99.53
97.0-98.0	0.2	0.0	425.7	0.00	99.54
98.0-99.0	0.1	0.0	425.7	0.00	99.54
99.0-100.0	0.1	0.0	425.8	0.00	99.54
100.0-101.0	0.1	0.0	425.8	0.00	99.54
101.0-102.0	0.1	0.0	425.8	0.00	99.55
102.0-103.0	0.1	0.0	425.8	0.00	99.55
103.0-104.0	0.1	0.0	425.8	0.00	99.55
104.0-105.0	0.1	0.0	425.8	0.00	99.56
105.0-106.0	0.2	0.0	425.8	0.00	99.56
106.0-107.0	0.2	0.0	425.9	0.00	99.56
107.0-108.0	0.2	0.0	425.9	0.00	99.57

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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	0.2	0.0	425.9	0.00	99.57
109.0-110.0	0.2	0.0	425.9	0.00	99.58
110.0-111.0	0.2	0.0	425.9	0.01	99.58
111.0-112.0	0.2	0.0	426.0	0.01	99.59
112.0-113.0	0.2	0.0	426.0	0.01	99.59
113.0-114.0	0.2	0.0	426.0	0.01	99.60
114.0-115.0	0.3	0.0	426.0	0.01	99.60
115.0-116.0	0.3	0.0	426.1	0.01	99.61
116.0-117.0	0.3	0.0	426.1	0.01	99.62
117.0-118.0	0.3	0.0	426.1	0.01	99.62
118.0-119.0	0.3	0.0	426.1	0.01	99.63
119.0-120.0	0.3	0.0	426.2	0.01	99.64
120.0-121.0	0.3	0.0	426.2	0.01	99.64
121.0-122.0	0.3	0.0	426.2	0.01	99.65
122.0-123.0	0.3	0.0	426.3	0.01	99.66
123.0-124.0	0.3	0.0	426.3	0.01	99.67
124.0-125.0	0.3	0.0	426.3	0.01	99.67
125.0-126.0	0.4	0.0	426.4	0.01	99.68
126.0-127.0	0.4	0.0	426.4	0.01	99.69
127.0-128.0	0.4	0.0	426.4	0.01	99.70
128.0-129.0	0.4	0.0	426.5	0.01	99.70
129.0-130.0	0.4	0.0	426.5	0.01	99.71
130.0-131.0	0.4	0.0	426.5	0.01	99.72
131.0-132.0	0.4	0.0	426.6	0.01	99.73
132.0-133.0	0.4	0.0	426.6	0.01	99.74
133.0-134.0	0.4	0.0	426.6	0.01	99.74
134.0-135.0	0.5	0.0	426.7	0.01	99.75
135.0-136.0	0.5	0.0	426.7	0.01	99.76
136.0-137.0	0.5	0.0	426.7	0.01	99.77
137.0-138.0	0.5	0.0	426.8	0.01	99.78
138.0-139.0	0.5	0.0	426.8	0.01	99.79
139.0-140.0	0.5	0.0	426.8	0.01	99.79
140.0-141.0	0.5	0.0	426.9	0.01	99.80
141.0-142.0	0.5	0.0	426.9	0.01	99.81
142.0-143.0	0.5	0.0	426.9	0.01	99.82
143.0-144.0	0.5	0.0	427.0	0.01	99.83

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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	0.6	0.0	427.0	0.01	99.84
145.0-146.0	0.6	0.0	427.1	0.01	99.84
146.0-147.0	0.6	0.0	427.1	0.01	99.85
147.0-148.0	0.6	0.0	427.1	0.01	99.86
148.0-149.0	0.6	0.0	427.2	0.01	99.87
149.0-150.0	0.6	0.0	427.2	0.01	99.87
150.0-151.0	0.6	0.0	427.2	0.01	99.88
151.0-152.0	0.6	0.0	427.2	0.01	99.89
152.0-153.0	0.6	0.0	427.3	0.01	99.90
153.0-154.0	0.6	0.0	427.3	0.01	99.90
154.0-155.0	0.6	0.0	427.3	0.01	99.91
155.0-156.0	0.6	0.0	427.4	0.01	99.92
156.0-157.0	0.6	0.0	427.4	0.01	99.92
157.0-158.0	0.6	0.0	427.4	0.01	99.93
158.0-159.0	0.6	0.0	427.4	0.01	99.93
159.0-160.0	0.6	0.0	427.5	0.01	99.94
160.0-161.0	0.6	0.0	427.5	0.01	99.95
161.0-162.0	0.6	0.0	427.5	0.01	99.95
162.0-163.0	0.7	0.0	427.5	0.01	99.96
163.0-164.0	0.7	0.0	427.6	0.00	99.96
164.0-165.0	0.7	0.0	427.6	0.00	99.97
165.0-166.0	0.7	0.0	427.6	0.00	99.97
166.0-167.0	0.7	0.0	427.6	0.00	99.97
167.0-168.0	0.7	0.0	427.6	0.00	99.98
168.0-169.0	0.7	0.0	427.6	0.00	99.98
169.0-170.0	0.7	0.0	427.7	0.00	99.98
170.0-171.0	0.7	0.0	427.7	0.00	99.99
171.0-172.0	0.7	0.0	427.7	0.00	99.99
172.0-173.0	0.7	0.0	427.7	0.00	99.99
173.0-174.0	0.7	0.0	427.7	0.00	99.99
174.0-175.0	0.7	0.0	427.7	0.00	100.00
175.0-176.0	0.7	0.0	427.7	0.00	100.00
176.0-177.0	0.7	0.0	427.7	0.00	100.00
177.0-178.0	0.7	0.0	427.7	0.00	100.00
178.0-179.0	0.7	0.0	427.7	0.00	100.00
179.0-180.0	0.7	0.0	427.7	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: