

Report No.:

Test Time: 2019/8/1 10:01

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: 3527 140LED 3.0W 2000K+6500K

Luminaire Description: 3527 140LED 3.0W 2000K+6500K

Luminous Length (mm): 500

Luminous Width (mm): 8

Luminous Height (mm): 2

Voltage: 24.0 V

Current: 0.228 A

Power: 5.47 W

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 433.9 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(10%,50%): H164.1,H116.6

Vertical Diffuse Angle(10%,50%): V164,V116.9

Luminaire Efficacy Rating (LER): 79

Max. Intensity: 143.11 cd

Total Rated Lamp Lumens: 433.9 lm

Efficiency: 100%

Upward Ratio: 1%

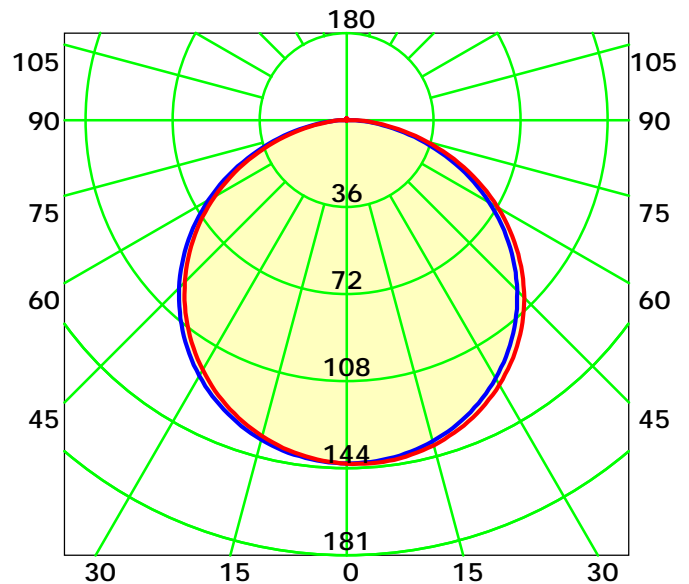
Central Intensity: 142.8 cd

Pos of Max. Intensity: H90 V3

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 116.7° 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

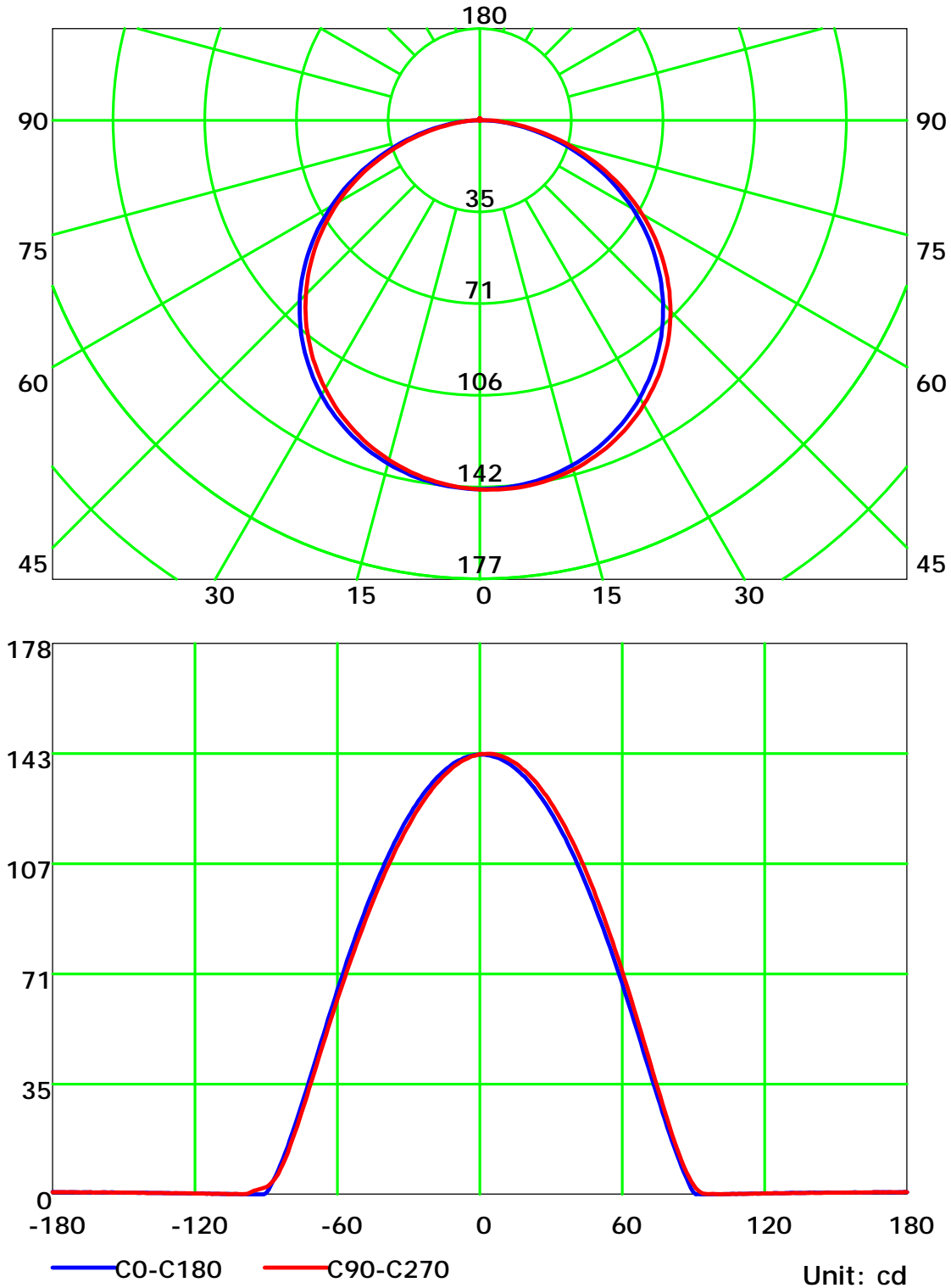
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

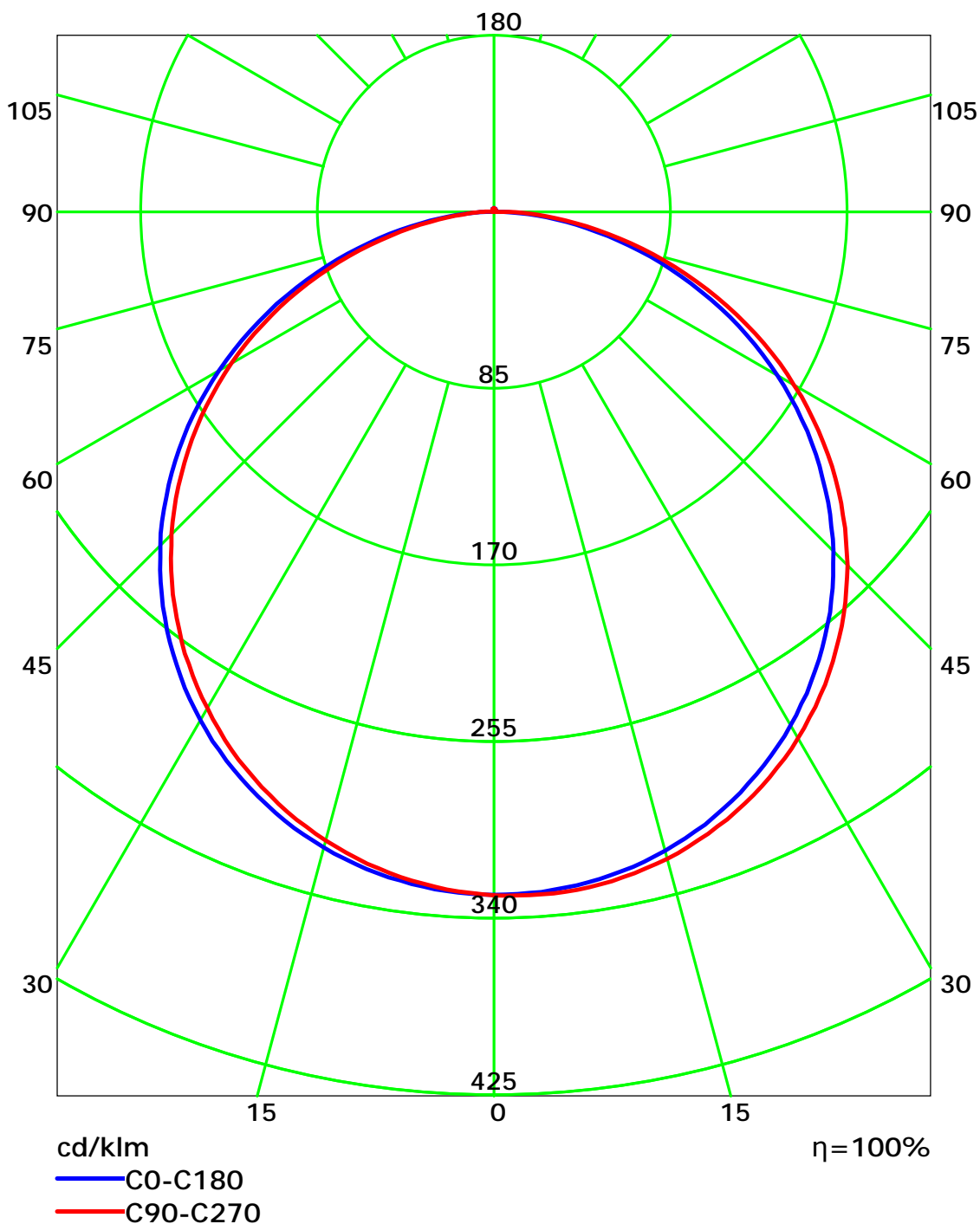
Luminous Intensity Distribution Curve



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:

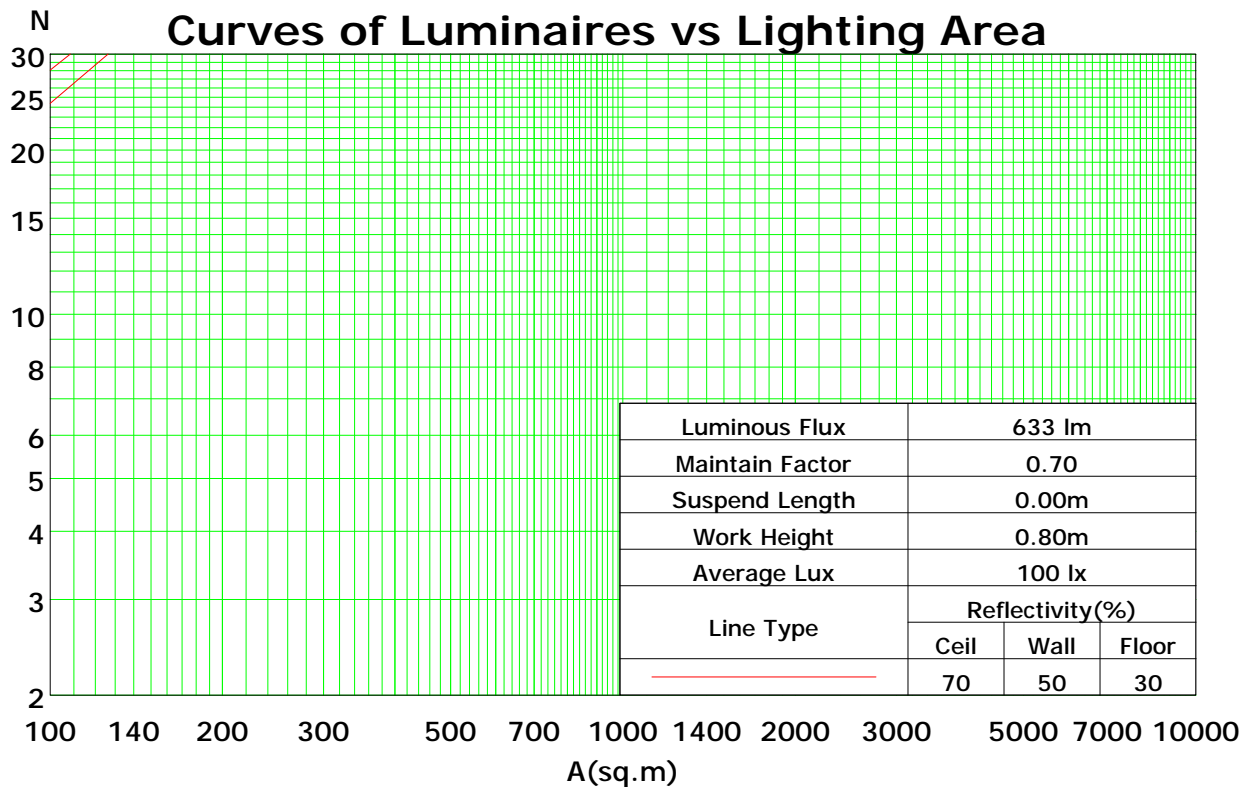
Coefficients Of Utilization - Zonal Cavity Method

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	95	105	101	97	93	96	93	90	92	90	87	89	86	84	82
2	98	90	83	77	95	88	81	76	84	78	74	81	76	72	77	74	70	68
3	89	78	70	63	87	77	69	63	74	67	61	71	65	60	68	63	59	57
4	82	69	60	53	79	68	59	53	65	58	52	63	56	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

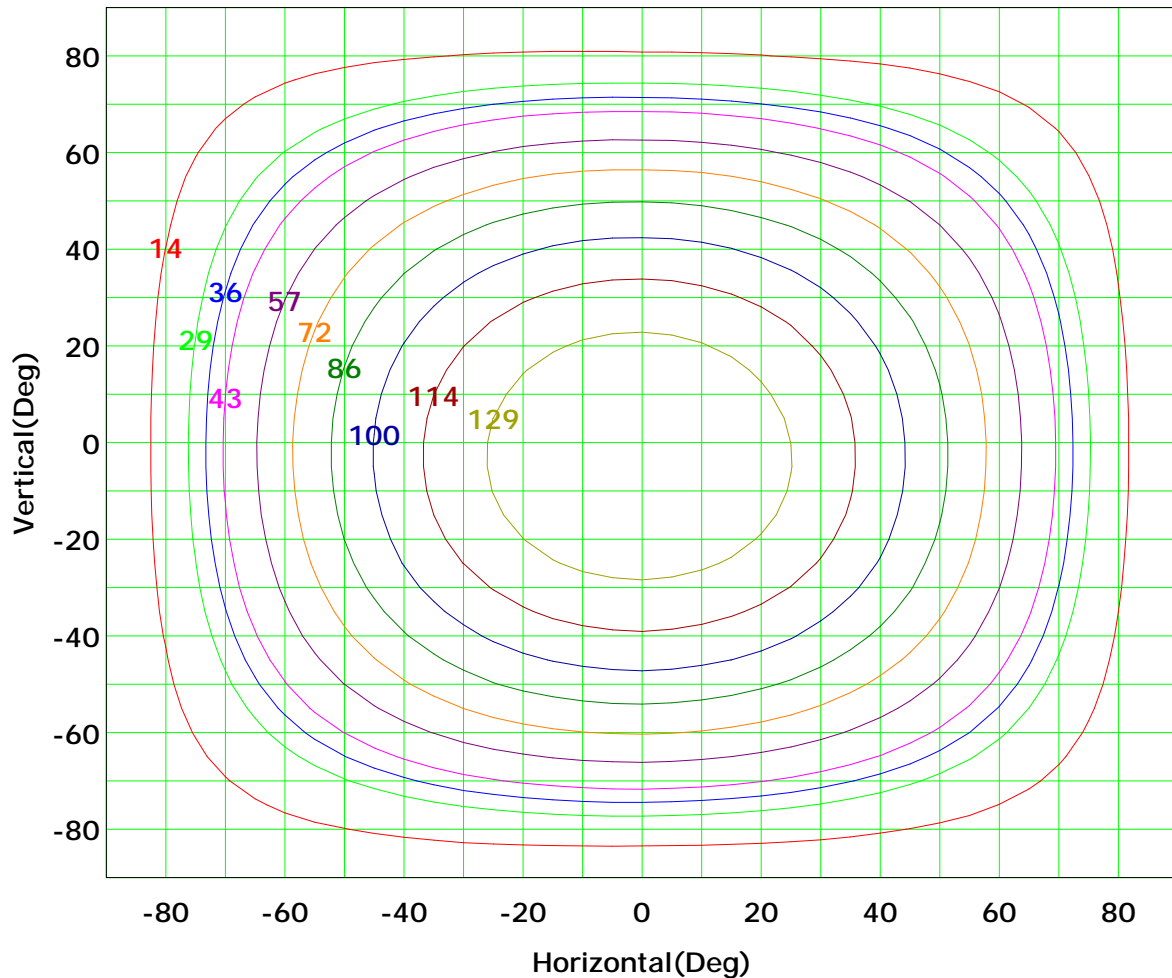
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



Imax (100%): 143 cd

(10%):	14 cd	(20%):	29 cd
(25%):	36 cd	(30%):	43 cd
(40%):	57 cd	(50%):	72 cd
(60%):	86 cd	(70%):	100 cd
(80%):	114 cd	(90%):	129 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

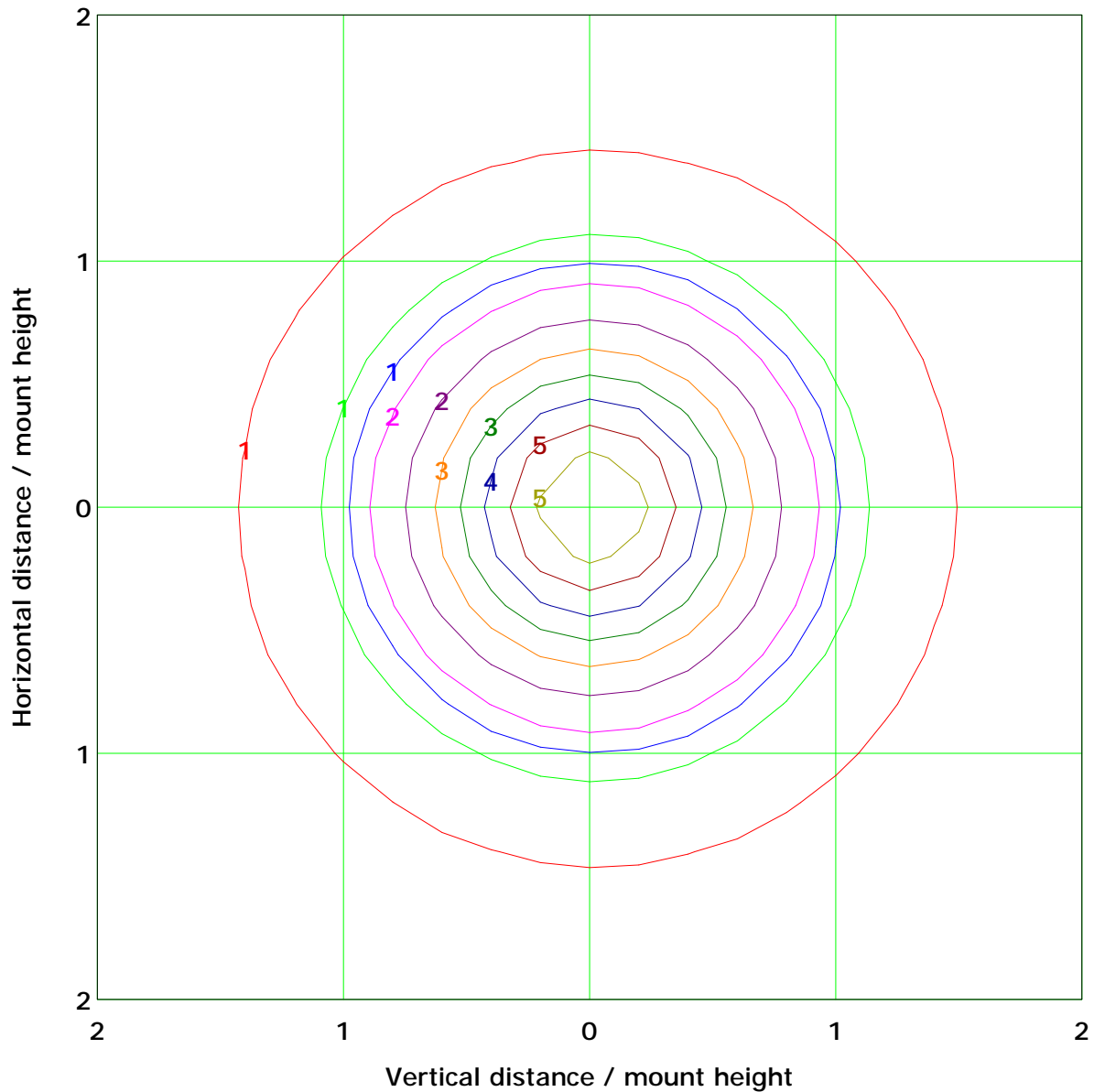
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

IsoLux Plot



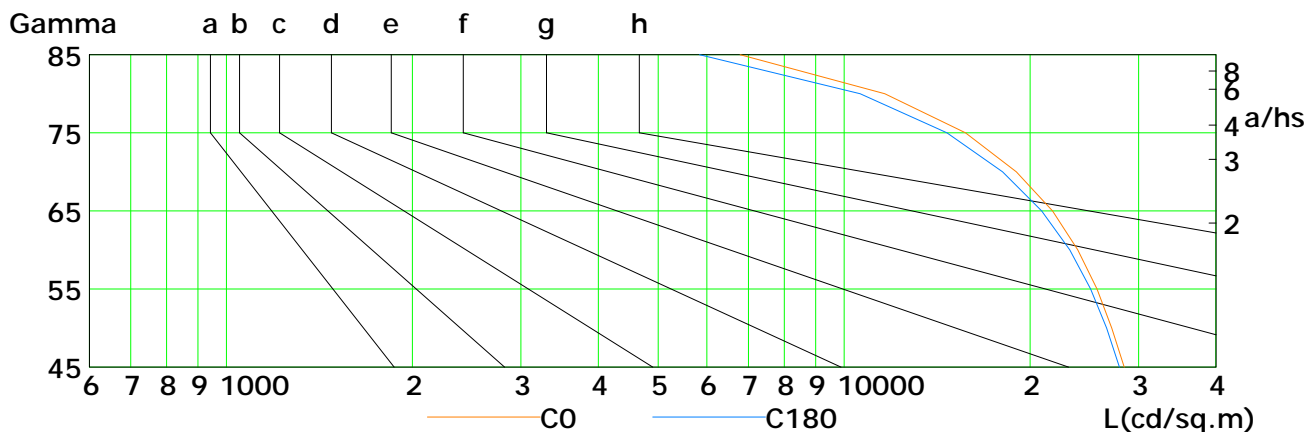
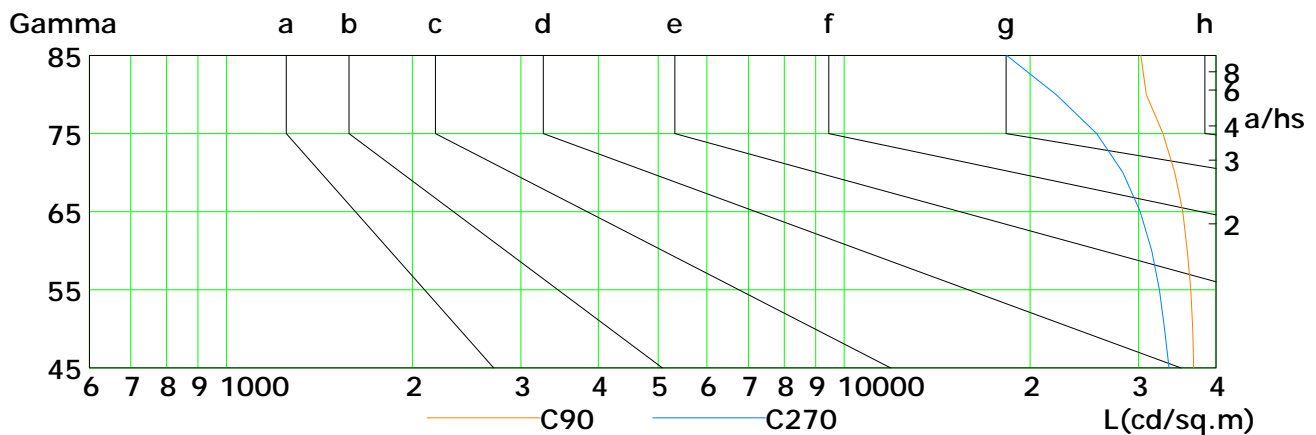
C Plane (°):0.0-360.0: 30.0
Test Lab: ACOLYTE
Test Type: TYPE C
Temperature: 25
Operator: Nick

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	28409	27113	25688	23890	21750	19001	15726	11641	6789
C90	36824	36696	36430	35966	35361	34328	32815	30872	30228
C180	27911	26603	25075	23189	20884	18061	14676	10617	5837
C270	33584	33038	32404	31492	30165	28270	25639	22045	18351

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

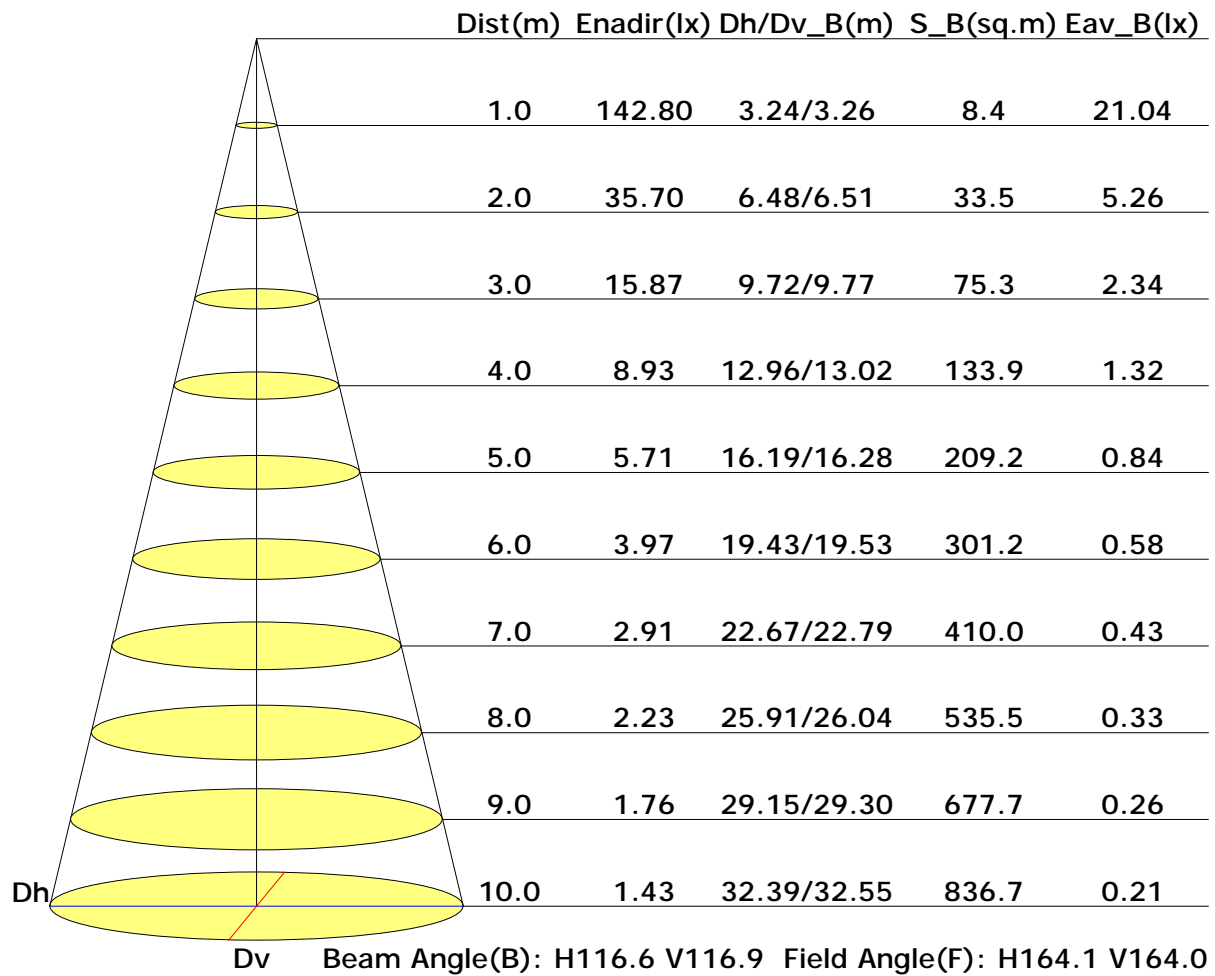
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

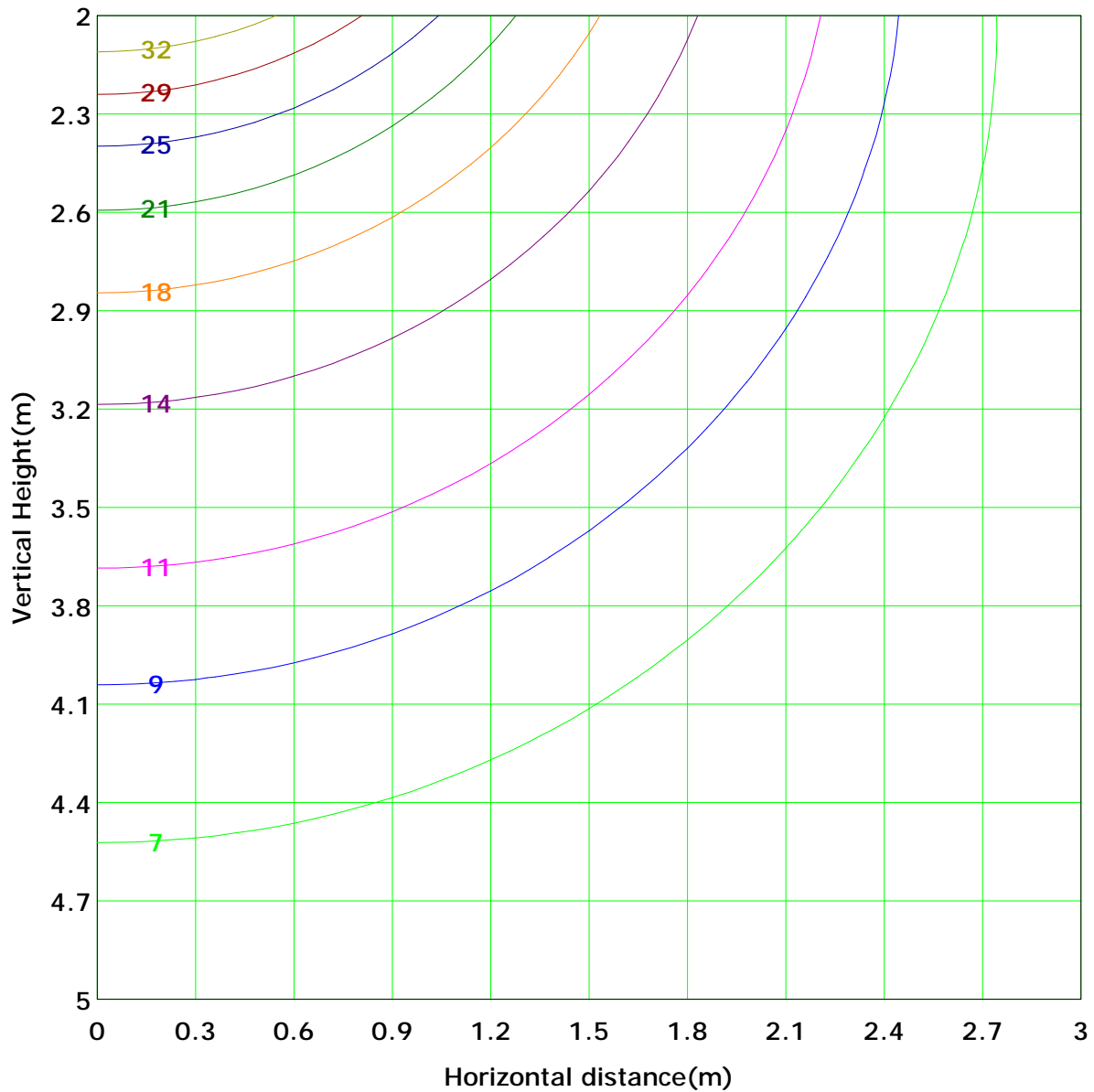
Illuminance at a Distance



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: 35.7 lx
(10%): 3.6 lx	(20%): 7.1 lx	
(25%): 8.9 lx	(30%): 10.7 lx	
(40%): 14.3 lx	(50%): 17.9 lx	
(60%): 21.4 lx	(70%): 25.0 lx	
(80%): 28.6 lx	(90%): 32.1 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

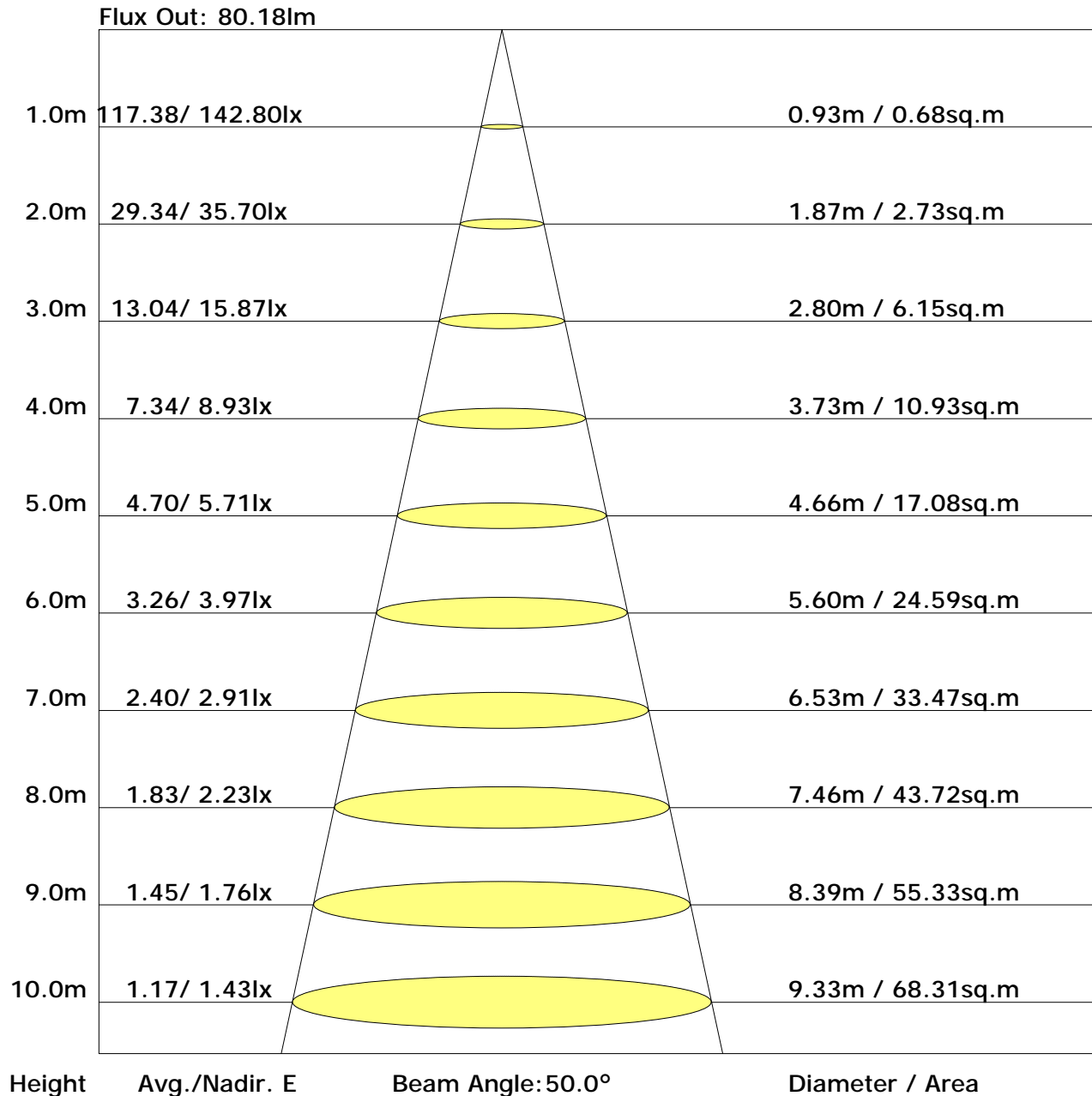
Unit: lm

		Vertical plane																				
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90		
Flux(E)	Flux(T)	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	2.3	0.2
		0.0	0.0	0.1	0.2	0.4	0.7	1.0	1.2	1.4	1.5	1.6	1.7	1.8	1.8	1.7	1.5	1.3	1.0	0.0	7.3	6.6
0.0	0.0	0.1	0.2	0.3	0.5	0.7	1.1	1.5	1.8	2.1	2.3	2.4	2.5	2.5	2.4	2.1	1.9	1.5	1.0	0.0	13.7	13.5
0.0	0.0	0.1	0.2	0.3	0.5	0.7	1.1	1.5	1.8	2.1	2.3	2.4	2.5	2.5	2.4	2.1	1.9	1.5	1.0	0.0	19.9	19.8
0.0	0.0	0.1	0.2	0.3	0.5	0.7	1.1	1.5	1.8	2.1	2.3	2.4	2.5	2.5	2.4	2.1	1.9	1.5	1.0	0.0	25.6	25.5
0.0	0.0	0.1	0.2	0.3	0.5	0.7	1.1	1.5	1.8	2.1	2.3	2.4	2.5	2.5	2.4	2.1	1.9	1.5	1.0	0.0	30.4	30.3
0.0	0.0	0.1	0.2	0.3	0.5	0.7	1.1	1.5	1.8	2.1	2.3	2.4	2.5	2.5	2.4	2.1	1.9	1.5	1.0	0.0	34.1	34.1
0.0	0.0	0.1	0.2	0.3	0.5	0.7	1.1	1.5	1.8	2.1	2.3	2.4	2.5	2.5	2.4	2.1	1.9	1.5	1.0	0.0	36.8	36.8
0.0	0.0	0.1	0.2	0.3	0.5	0.7	1.1	1.5	1.8	2.1	2.3	2.4	2.5	2.5	2.4	2.1	1.9	1.5	1.0	0.0	38.3	38.3
0.0	0.0	0.1	0.2	0.3	0.5	0.7	1.1	1.5	1.8	2.1	2.3	2.4	2.5	2.5	2.4	2.1	1.9	1.5	1.0	0.0	38.7	38.7
0.0	0.0	0.1	0.2	0.3	0.5	0.7	1.1	1.5	1.8	2.1	2.3	2.4	2.5	2.5	2.4	2.1	1.9	1.5	1.0	0.0	37.8	37.8
0.0	0.0	0.1	0.2	0.3	0.5	0.7	1.1	1.5	1.8	2.1	2.3	2.4	2.5	2.5	2.4	2.1	1.9	1.5	1.0	0.0	35.7	35.6
0.0	0.0	0.1	0.2	0.3	0.5	0.7	1.1	1.5	1.8	2.1	2.3	2.4	2.5	2.5	2.4	2.1	1.9	1.5	1.0	0.0	32.3	32.3
0.0	0.0	0.1	0.2	0.3	0.5	0.7	1.1	1.5	1.8	2.1	2.3	2.4	2.5	2.5	2.4	2.1	1.9	1.5	1.0	0.0	27.8	27.7
0.0	0.0	0.1	0.2	0.3	0.5	0.7	1.1	1.5	1.8	2.1	2.3	2.4	2.5	2.5	2.4	2.1	1.9	1.5	1.0	0.0	22.2	22.1
0.0	0.0	0.1	0.2	0.3	0.5	0.7	1.1	1.5	1.8	2.1	2.3	2.4	2.5	2.5	2.4	2.1	1.9	1.5	1.0	0.0	15.8	15.6
0.0	0.0	0.1	0.2	0.3	0.5	0.7	1.1	1.5	1.8	2.1	2.3	2.4	2.5	2.5	2.4	2.1	1.9	1.5	1.0	0.0	9.1	8.6
0.0	0.0	0.1	0.2	0.3	0.5	0.7	1.1	1.5	1.8	2.1	2.3	2.4	2.5	2.5	2.4	2.1	1.9	1.5	1.0	0.0	3.3	1.1
0.3	0.3	2.6	7.7	14.9	23.4	31.9	39.5	45.2	48.2	48.4	45.5	40.1	32.6	24.0	15.4	8.1	2.9	0.4			431	
0.1	0.1	2.3	7.3	14.5	23.0	31.6	39.1	44.8	47.9	48.0	45.2	39.7	32.2	23.6	15.1	7.7	2.5	0.1			425	

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:

The Average Illuminance Effective Figure



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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	28.7	27.4	29.0	29.3	26.7	28.3	27.1	28.7	29.0
3H	28.9	30.4	29.3	30.8	31.1	28.4	29.9	28.8	30.2	30.6
4H	29.7	31.1	30.1	31.4	31.8	29.0	30.4	29.4	30.8	31.2
6H	30.2	31.5	30.6	31.9	32.3	29.4	30.7	29.8	31.1	31.5
8H	30.4	31.7	30.8	32.1	32.5	29.5	30.8	30.0	31.2	31.6
12H	30.5	31.7	31.0	32.1	32.6	29.6	30.8	30.0	31.2	31.6
X=4H Y=2H	27.6	29.0	28.0	29.3	29.7	27.3	28.7	27.7	29.1	29.5
3H	29.6	30.8	30.1	31.2	31.7	29.3	30.4	29.7	30.8	31.3
4H	30.5	31.6	30.9	32.0	32.4	30.0	31.1	30.4	31.5	31.9
6H	31.2	32.1	31.6	32.6	33.0	30.5	31.4	31.0	31.9	32.4
8H	31.4	32.3	31.9	32.7	33.2	30.7	31.5	31.1	32.0	32.5
12H	31.6	32.4	32.1	32.9	33.4	30.8	31.6	31.3	32.1	32.5
X=8H Y=4H	30.7	31.6	31.2	32.1	32.5	30.3	31.2	30.8	31.6	32.1
6H	31.5	32.2	32.0	32.7	33.2	30.9	31.7	31.4	32.2	32.6
8H	31.8	32.5	32.3	33.0	33.5	31.1	31.8	31.7	32.3	32.8
12H	32.1	32.6	32.6	33.1	33.7	31.3	31.9	31.8	32.4	33.0
X=12H Y=4H	30.7	31.5	31.2	32.0	32.5	30.3	31.1	30.8	31.6	32.1
6H	31.5	32.2	32.1	32.7	33.2	31.0	31.7	31.5	32.1	32.7
8H	31.9	32.5	32.4	33.0	33.5	31.3	31.8	31.8	32.3	32.9

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: 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	0.65	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	0.75	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	0.72	0.78	0.83	0.88	0.92
0.30	0.50	0.20	0.52	0.61	0.68	0.73	0.80	0.84	0.87	0.91	0.94
	0.30		0.45	0.55	0.62	0.68	0.75	0.80	0.84	0.88	0.92
	0.20		0.40	0.50	0.58	0.63	0.71	0.76	0.80	0.86	0.89
0.00	0.00	0.00	0.38	0.48	0.55	0.60	0.67	0.73	0.76	0.81	0.84
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	1.02	0.85	0.72	0.63	0.50	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	0.70	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	0.66	0.58	0.46	0.38	0.33	0.25	0.21	
	0.30		0.82	0.69	0.60	0.52	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	
0.00	0.00	0.00	0.61	0.52	0.45	0.40	0.32	0.27	0.23	0.18	0.15	
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	0.09	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	0.20	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	0.12	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	142.9	0.1	0.1	0.03	0.03
1.0-2.0	142.8	0.4	0.5	0.09	0.13
2.0-3.0	142.7	0.7	1.2	0.16	0.28
3.0-4.0	142.6	1.0	2.2	0.22	0.50
4.0-5.0	142.5	1.2	3.4	0.28	0.79
5.0-6.0	142.2	1.5	4.9	0.34	1.13
6.0-7.0	142.0	1.8	6.7	0.41	1.54
7.0-8.0	141.7	2.0	8.7	0.47	2.00
8.0-9.0	141.3	2.3	11.0	0.53	2.53
9.0-10.0	141.0	2.6	13.5	0.59	3.12
10.0-11.0	140.5	2.8	16.3	0.65	3.77
11.0-12.0	140.1	3.1	19.4	0.71	4.47
12.0-13.0	139.5	3.3	22.7	0.76	5.24
13.0-14.0	139.0	3.6	26.3	0.82	6.06
14.0-15.0	138.4	3.8	30.1	0.88	6.93
15.0-16.0	137.7	4.0	34.1	0.93	7.86
16.0-17.0	137.0	4.3	38.4	0.98	8.85
17.0-18.0	136.3	4.5	42.9	1.04	9.88
18.0-19.0	135.5	4.7	47.6	1.09	10.97
19.0-20.0	134.7	4.9	52.5	1.14	12.11
20.0-21.0	133.8	5.1	57.7	1.18	13.29
21.0-22.0	132.9	5.3	63.0	1.23	14.52
22.0-23.0	132.0	5.5	68.5	1.28	15.80
23.0-24.0	131.0	5.7	74.3	1.32	17.12
24.0-25.0	130.0	5.9	80.2	1.36	18.48
25.0-26.0	128.9	6.1	86.3	1.40	19.88
26.0-27.0	127.8	6.3	92.5	1.44	21.32
27.0-28.0	126.6	6.4	98.9	1.48	22.80
28.0-29.0	125.4	6.6	105.5	1.51	24.31
29.0-30.0	124.2	6.7	112.2	1.55	25.86
30.0-31.0	122.9	6.8	119.0	1.58	27.44
31.0-32.0	121.6	7.0	126.0	1.61	29.04
32.0-33.0	120.2	7.1	133.1	1.63	30.67
33.0-34.0	118.8	7.2	140.3	1.66	32.33
34.0-35.0	117.3	7.3	147.6	1.68	34.01
35.0-36.0	115.9	7.4	154.9	1.70	35.71

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	114.4	7.5	162.4	1.72	37.43
37.0-38.0	112.8	7.5	169.9	1.74	39.16
38.0-39.0	111.2	7.6	177.5	1.75	40.91
39.0-40.0	109.5	7.6	185.2	1.76	42.67
40.0-41.0	107.9	7.7	192.8	1.77	44.45
41.0-42.0	106.1	7.7	200.6	1.78	46.22
42.0-43.0	104.4	7.7	208.3	1.78	48.00
43.0-44.0	102.6	7.7	216.0	1.78	49.79
44.0-45.0	100.7	7.7	223.8	1.78	51.57
45.0-46.0	98.9	7.7	231.5	1.78	53.36
46.0-47.0	96.9	7.7	239.2	1.78	55.13
47.0-48.0	95.0	7.7	246.9	1.77	56.90
48.0-49.0	93.0	7.6	254.5	1.76	58.66
49.0-50.0	91.0	7.6	262.1	1.75	60.41
50.0-51.0	88.9	7.5	269.7	1.73	62.15
51.0-52.0	86.9	7.5	277.1	1.72	63.87
52.0-53.0	84.7	7.4	284.5	1.70	65.56
53.0-54.0	82.6	7.3	291.8	1.68	67.24
54.0-55.0	80.4	7.2	298.9	1.65	68.90
55.0-56.0	78.2	7.1	306.0	1.63	70.53
56.0-57.0	75.9	6.9	312.9	1.60	72.13
57.0-58.0	73.6	6.8	319.8	1.57	73.69
58.0-59.0	71.3	6.7	326.4	1.54	75.23
59.0-60.0	69.0	6.5	332.9	1.50	76.73
60.0-61.0	66.6	6.4	339.3	1.47	78.20
61.0-62.0	64.2	6.2	345.5	1.43	79.63
62.0-63.0	61.8	6.0	351.5	1.39	81.01
63.0-64.0	59.4	5.8	357.3	1.34	82.35
64.0-65.0	56.9	5.6	363.0	1.30	83.65
65.0-66.0	54.4	5.4	368.4	1.25	84.90
66.0-67.0	51.9	5.2	373.6	1.20	86.11
67.0-68.0	49.4	5.0	378.6	1.15	87.26
68.0-69.0	46.9	4.8	383.4	1.10	88.37
69.0-70.0	44.4	4.6	388.0	1.05	89.42
70.0-71.0	41.9	4.3	392.3	1.00	90.41
71.0-72.0	39.4	4.1	396.4	0.94	91.36

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	36.9	3.9	400.3	0.89	92.25
73.0-74.0	34.4	3.6	403.9	0.83	93.08
74.0-75.0	31.9	3.4	407.2	0.78	93.86
75.0-76.0	29.5	3.1	410.4	0.72	94.58
76.0-77.0	27.1	2.9	413.3	0.67	95.24
77.0-78.0	24.7	2.6	415.9	0.61	95.85
78.0-79.0	22.4	2.4	418.3	0.56	96.41
79.0-80.0	20.2	2.2	420.5	0.50	96.91
80.0-81.0	18.0	1.9	422.4	0.45	97.36
81.0-82.0	15.9	1.7	424.2	0.40	97.76
82.0-83.0	13.8	1.5	425.7	0.35	98.10
83.0-84.0	11.9	1.3	427.0	0.30	98.40
84.0-85.0	10.1	1.1	428.1	0.25	98.66
85.0-86.0	8.4	0.9	429.0	0.21	98.87
86.0-87.0	6.8	0.7	429.7	0.17	99.04
87.0-88.0	5.4	0.6	430.3	0.14	99.17
88.0-89.0	4.1	0.4	430.8	0.10	99.28
89.0-90.0	3.0	0.3	431.1	0.08	99.35
90.0-91.0	2.1	0.2	431.3	0.05	99.41
91.0-92.0	1.6	0.2	431.5	0.04	99.45
92.0-93.0	1.2	0.1	431.6	0.03	99.48
93.0-94.0	0.8	0.1	431.7	0.02	99.50
94.0-95.0	0.6	0.1	431.8	0.01	99.51
95.0-96.0	0.4	0.0	431.8	0.01	99.52
96.0-97.0	0.3	0.0	431.9	0.01	99.53
97.0-98.0	0.2	0.0	431.9	0.00	99.53
98.0-99.0	0.1	0.0	431.9	0.00	99.54
99.0-100.0	0.1	0.0	431.9	0.00	99.54
100.0-101.0	0.1	0.0	431.9	0.00	99.54
101.0-102.0	0.1	0.0	431.9	0.00	99.54
102.0-103.0	0.1	0.0	431.9	0.00	99.55
103.0-104.0	0.1	0.0	431.9	0.00	99.55
104.0-105.0	0.1	0.0	432.0	0.00	99.55
105.0-106.0	0.2	0.0	432.0	0.00	99.56
106.0-107.0	0.2	0.0	432.0	0.00	99.56
107.0-108.0	0.2	0.0	432.0	0.00	99.56

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	0.2	0.0	432.0	0.00	99.57
109.0-110.0	0.2	0.0	432.0	0.00	99.57
110.0-111.0	0.2	0.0	432.1	0.00	99.58
111.0-112.0	0.2	0.0	432.1	0.01	99.58
112.0-113.0	0.2	0.0	432.1	0.01	99.59
113.0-114.0	0.2	0.0	432.1	0.01	99.59
114.0-115.0	0.2	0.0	432.2	0.01	99.60
115.0-116.0	0.3	0.0	432.2	0.01	99.61
116.0-117.0	0.3	0.0	432.2	0.01	99.61
117.0-118.0	0.3	0.0	432.2	0.01	99.62
118.0-119.0	0.3	0.0	432.3	0.01	99.62
119.0-120.0	0.3	0.0	432.3	0.01	99.63
120.0-121.0	0.3	0.0	432.3	0.01	99.64
121.0-122.0	0.3	0.0	432.4	0.01	99.65
122.0-123.0	0.3	0.0	432.4	0.01	99.65
123.0-124.0	0.4	0.0	432.4	0.01	99.66
124.0-125.0	0.4	0.0	432.5	0.01	99.67
125.0-126.0	0.4	0.0	432.5	0.01	99.68
126.0-127.0	0.4	0.0	432.5	0.01	99.68
127.0-128.0	0.4	0.0	432.6	0.01	99.69
128.0-129.0	0.4	0.0	432.6	0.01	99.70
129.0-130.0	0.4	0.0	432.6	0.01	99.71
130.0-131.0	0.4	0.0	432.7	0.01	99.72
131.0-132.0	0.4	0.0	432.7	0.01	99.72
132.0-133.0	0.5	0.0	432.7	0.01	99.73
133.0-134.0	0.5	0.0	432.8	0.01	99.74
134.0-135.0	0.5	0.0	432.8	0.01	99.75
135.0-136.0	0.5	0.0	432.8	0.01	99.76
136.0-137.0	0.5	0.0	432.9	0.01	99.77
137.0-138.0	0.5	0.0	432.9	0.01	99.77
138.0-139.0	0.5	0.0	433.0	0.01	99.78
139.0-140.0	0.5	0.0	433.0	0.01	99.79
140.0-141.0	0.5	0.0	433.0	0.01	99.80
141.0-142.0	0.5	0.0	433.1	0.01	99.81
142.0-143.0	0.5	0.0	433.1	0.01	99.82
143.0-144.0	0.5	0.0	433.1	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 [°]	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	433.2	0.01	99.83
145.0-146.0	0.6	0.0	433.2	0.01	99.84
146.0-147.0	0.6	0.0	433.2	0.01	99.85
147.0-148.0	0.6	0.0	433.3	0.01	99.86
148.0-149.0	0.6	0.0	433.3	0.01	99.87
149.0-150.0	0.6	0.0	433.3	0.01	99.87
150.0-151.0	0.6	0.0	433.4	0.01	99.88
151.0-152.0	0.6	0.0	433.4	0.01	99.89
152.0-153.0	0.6	0.0	433.4	0.01	99.89
153.0-154.0	0.6	0.0	433.5	0.01	99.90
154.0-155.0	0.6	0.0	433.5	0.01	99.91
155.0-156.0	0.6	0.0	433.5	0.01	99.91
156.0-157.0	0.6	0.0	433.6	0.01	99.92
157.0-158.0	0.6	0.0	433.6	0.01	99.93
158.0-159.0	0.7	0.0	433.6	0.01	99.93
159.0-160.0	0.7	0.0	433.6	0.01	99.94
160.0-161.0	0.7	0.0	433.7	0.01	99.94
161.0-162.0	0.7	0.0	433.7	0.01	99.95
162.0-163.0	0.7	0.0	433.7	0.01	99.96
163.0-164.0	0.7	0.0	433.7	0.00	99.96
164.0-165.0	0.7	0.0	433.7	0.00	99.96
165.0-166.0	0.7	0.0	433.8	0.00	99.97
166.0-167.0	0.7	0.0	433.8	0.00	99.97
167.0-168.0	0.7	0.0	433.8	0.00	99.98
168.0-169.0	0.7	0.0	433.8	0.00	99.98
169.0-170.0	0.7	0.0	433.8	0.00	99.98
170.0-171.0	0.7	0.0	433.8	0.00	99.99
171.0-172.0	0.7	0.0	433.9	0.00	99.99
172.0-173.0	0.7	0.0	433.9	0.00	99.99
173.0-174.0	0.7	0.0	433.9	0.00	99.99
174.0-175.0	0.7	0.0	433.9	0.00	100.00
175.0-176.0	0.7	0.0	433.9	0.00	100.00
176.0-177.0	0.7	0.0	433.9	0.00	100.00
177.0-178.0	0.7	0.0	433.9	0.00	100.00
178.0-179.0	0.7	0.0	433.9	0.00	100.00
179.0-180.0	0.7	0.0	433.9	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: