

Report No.:

Test Time: 2023/10/31 11:03

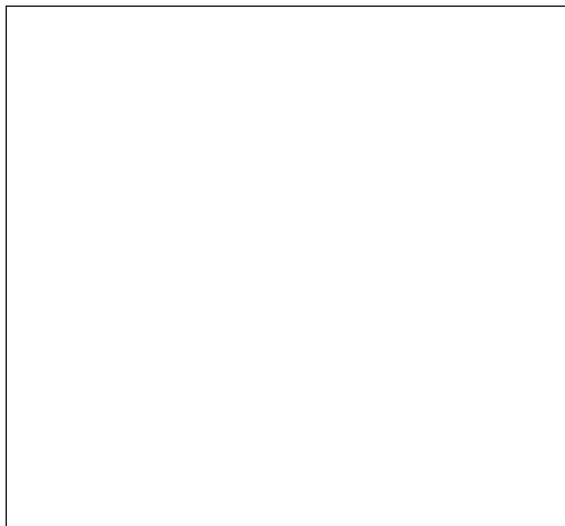
Luminaire Property

Luminaire Manufacturer: Acolyte
Luminaire Category: Scroll pendants
Luminaire Description: Scroll pendants C80 VW SO 42W
Lamp Catalog: WARM ONLY
Luminous Width (mm): 80
Voltage: 24.0 V
Power: 6.09 W
Luminous Length (mm): 300
Luminous Height (mm): 40
Current: 0.254 A
Power Factor: 1.000

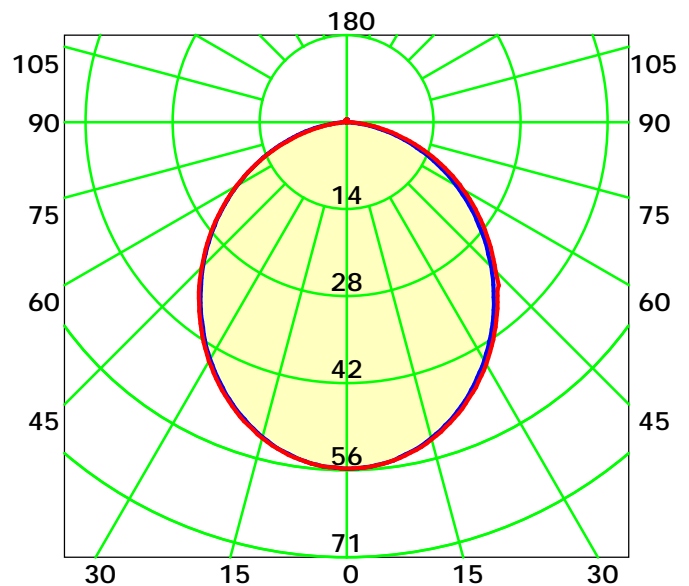
Photometric Results

CIE Class: Direct
Measurement Flux: 146.2 lm
Downward Ratio: 99%
Horizontal Diffuse Angle(10%,50%): H157.2,H102
Vertical Diffuse Angle(10%,50%): V157.3,V103.8
Luminaire Efficacy Rating (LER): 24
Max. Intensity: 56.67 cd
Total Rated Lamp Lumens: 146.2 lm
Efficiency: 100%
Upward Ratio: 1%
Central Intensity: 56.64 cd
Pos of Max. Intensity: H120 V1

Picture Of Luminaire



Luminous Intensity Distribution Curve



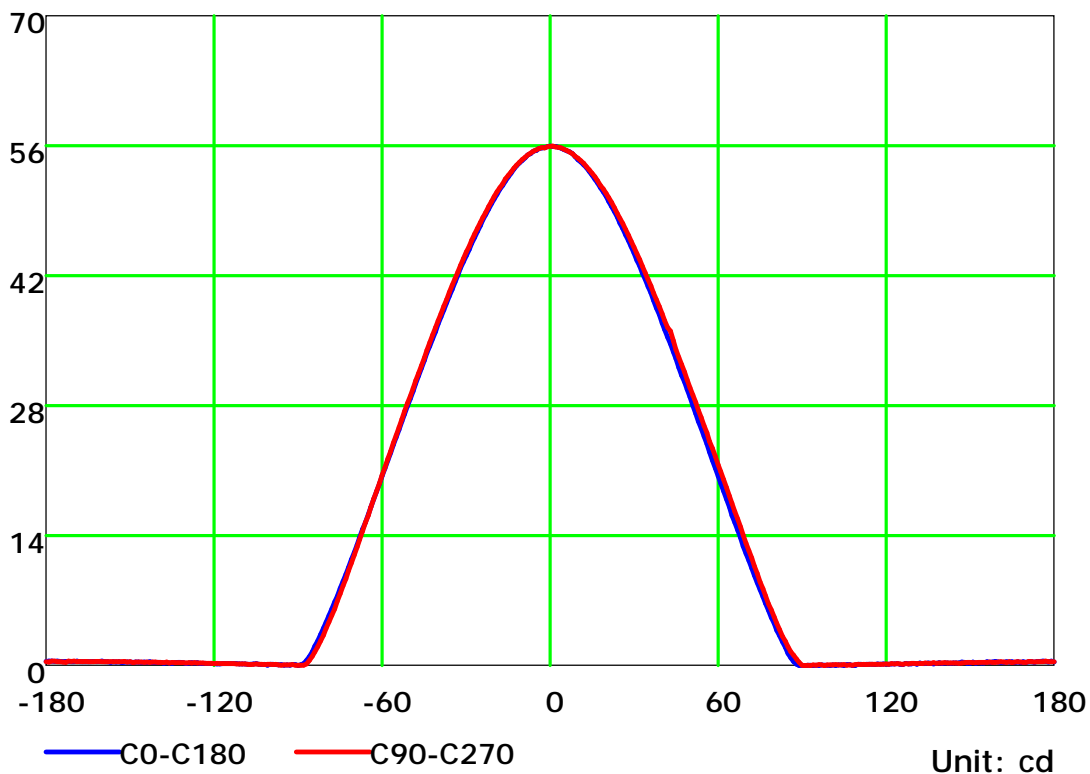
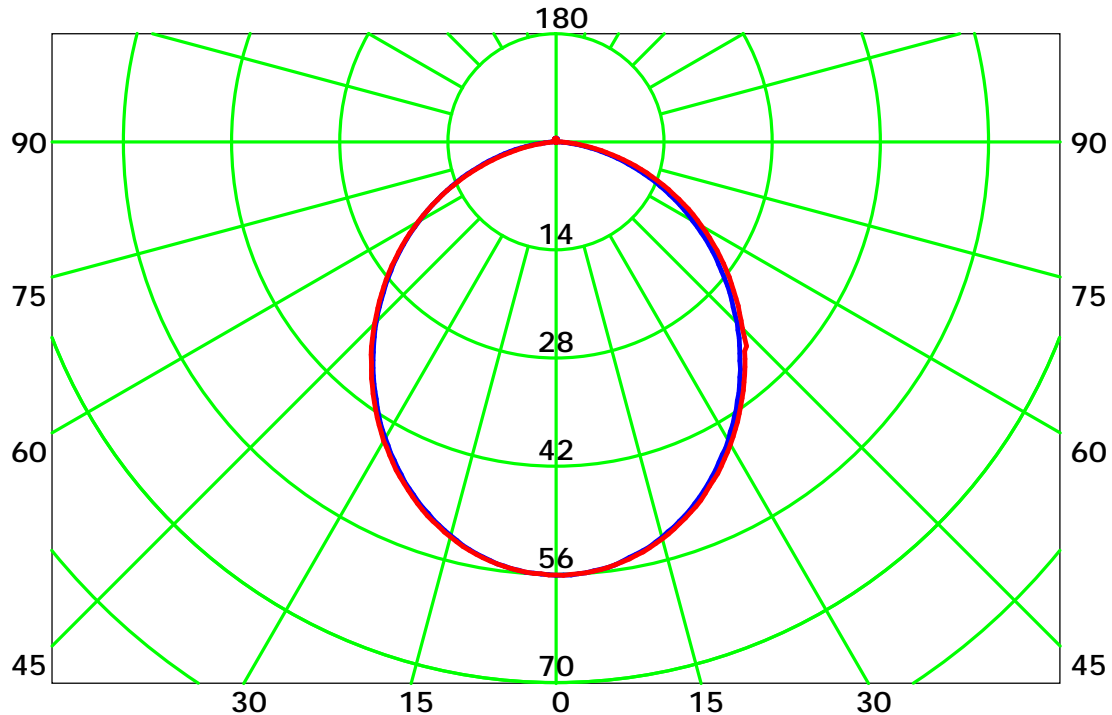
Unit: cd
Average Diffuse Angle(50%): 102.9°
— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 30.0
Test Lab:
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:



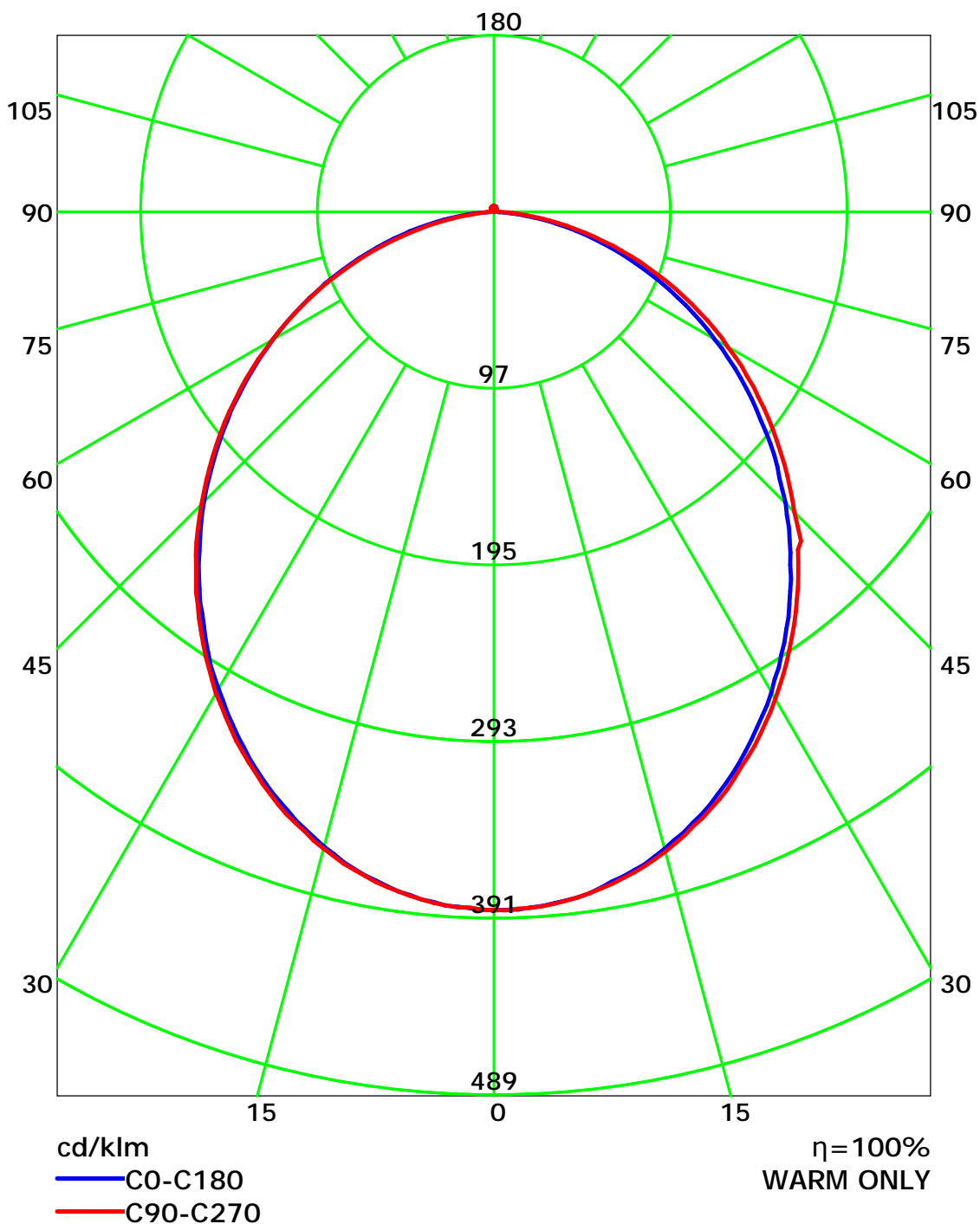
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 30.0
Test Lab:
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:
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:

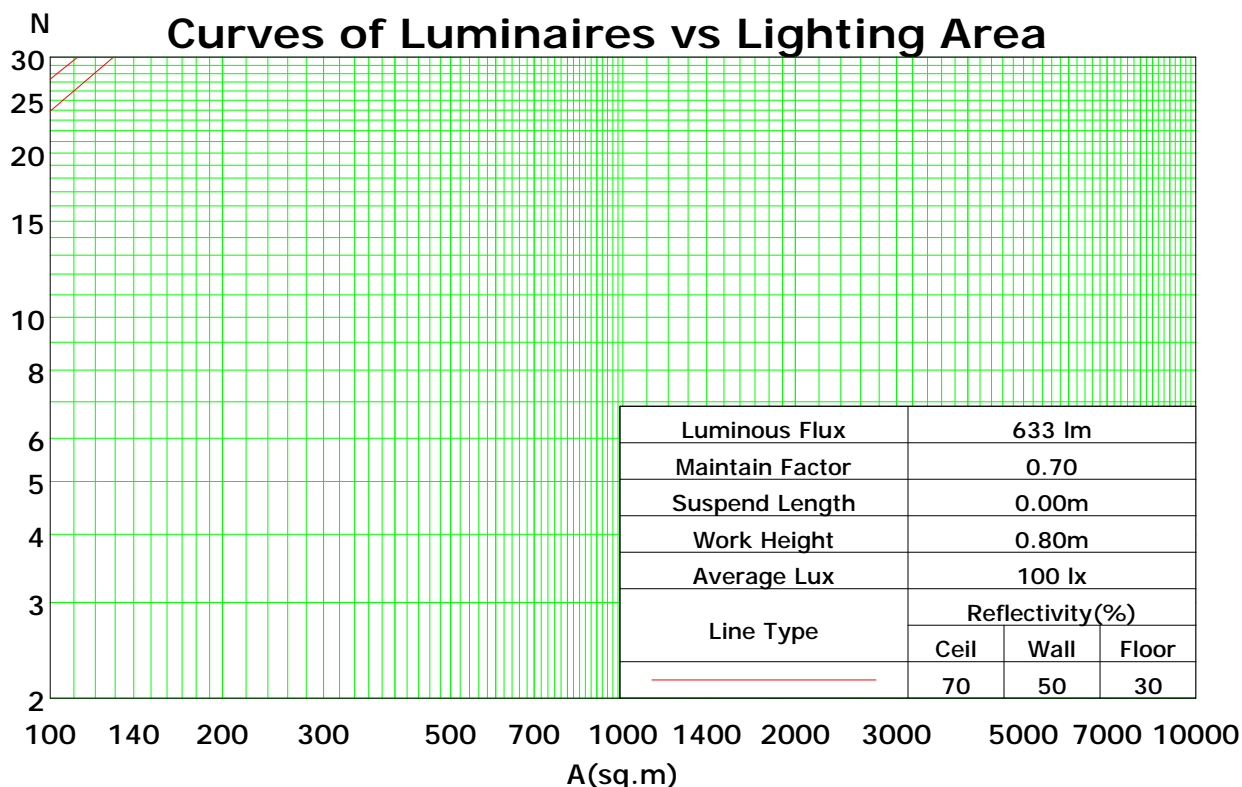
Coefficients Of Utilization - Zonal Cavity Method

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	109	104	100	97	106	102	98	95	98	95	92	94	91	89	90	88	86	84
2	99	91	85	79	97	89	83	78	86	81	76	82	78	74	79	76	73	70
3	91	80	72	66	88	79	71	66	76	69	64	73	67	63	70	66	62	60
4	83	71	63	56	81	70	62	56	67	61	55	65	59	54	63	58	53	51
5	77	64	55	49	74	63	55	48	61	53	48	59	52	47	57	51	47	44
6	71	58	49	43	69	57	48	42	55	47	42	53	47	42	51	46	41	39
7	66	52	44	38	64	52	43	38	50	43	37	48	42	37	47	41	37	35
8	61	48	40	34	60	47	39	34	46	39	33	45	38	33	43	37	33	31
9	57	44	36	30	56	43	36	30	42	35	30	41	35	30	40	34	30	28
10	54	41	33	28	52	40	33	28	39	32	27	38	32	27	37	31	27	25

Spacing Criteria (0-180): 1.18

Spacing Criteria (90-270): 1.20

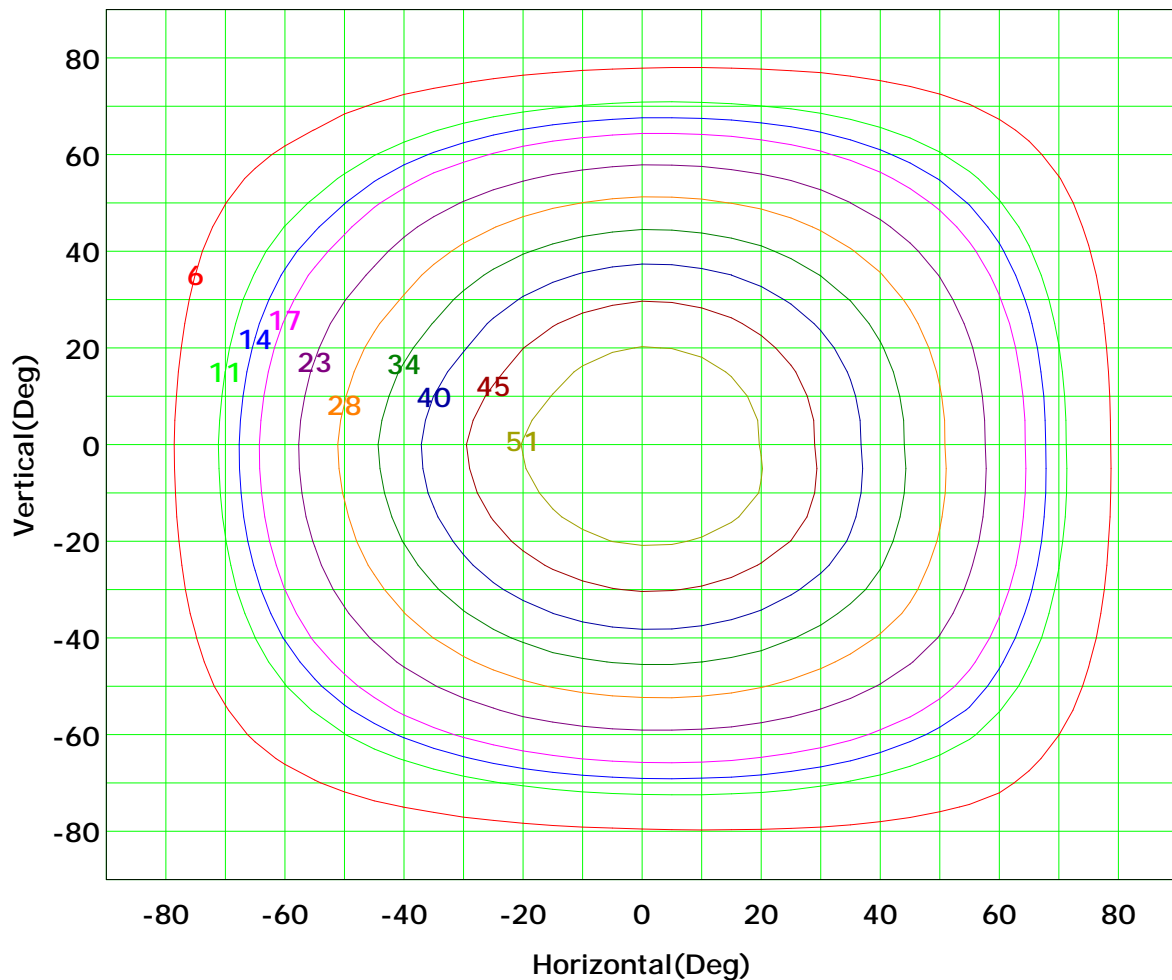
Spacing Criteria (Diagonal): 1.30



C Plane (°):0.0-360.0: 30.0
Test Lab:
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)



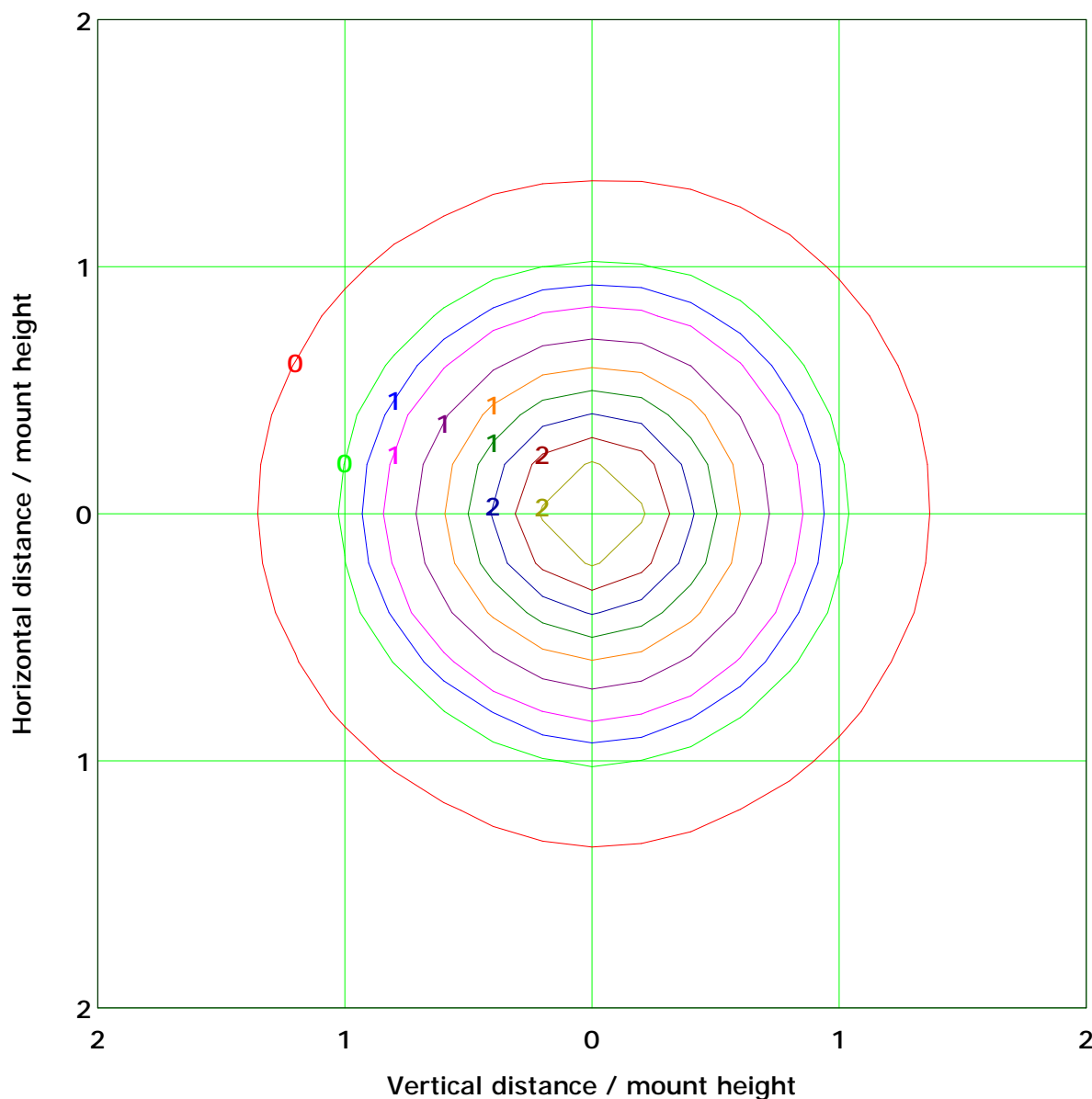
Imax (100%): 57 cd

(10%):	6 cd	(20%):	11 cd
(25%):	14 cd	(30%):	17 cd
(40%):	23 cd	(50%):	28 cd
(60%):	34 cd	(70%):	40 cd
(80%):	45 cd	(90%):	51 cd

C Plane (°):0.0-360.0: 30.0
Test Lab:
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%): 2.3 lx

(10%): 0.2 lx	(20%): 0.5 lx
(25%): 0.6 lx	(30%): 0.7 lx
(40%): 0.9 lx	(50%): 1.1 lx
(60%): 1.4 lx	(70%): 1.6 lx
(80%): 1.8 lx	(90%): 2.0 lx

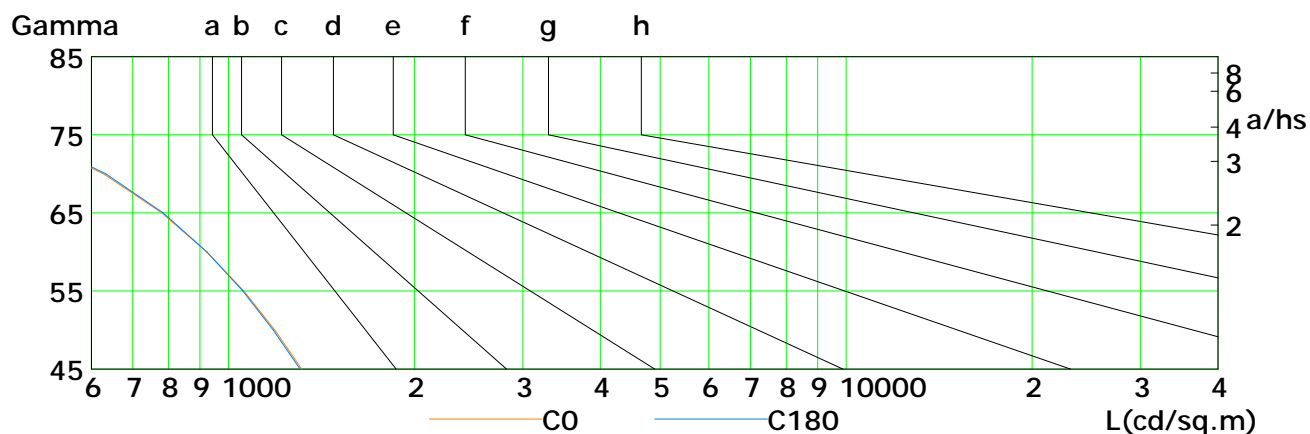
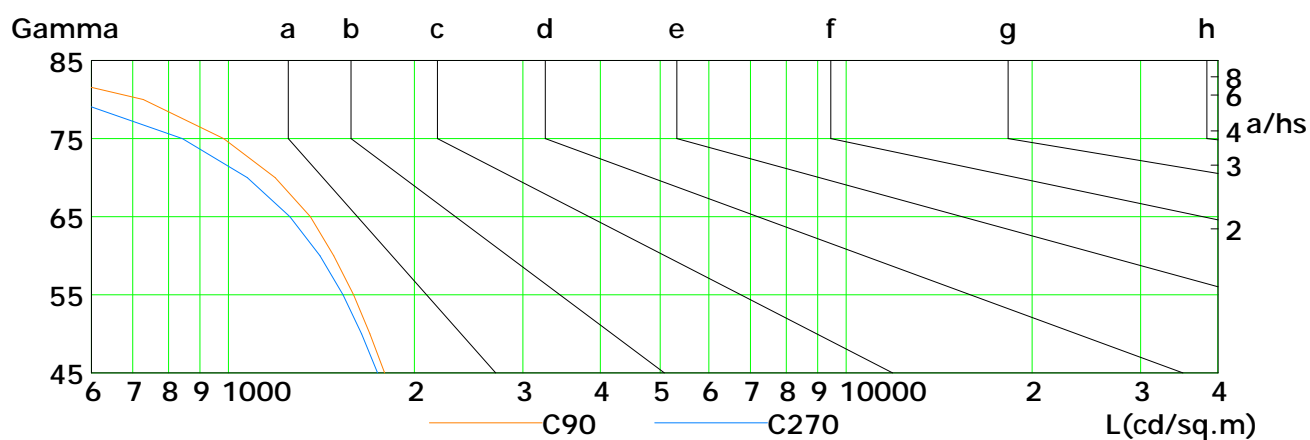
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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

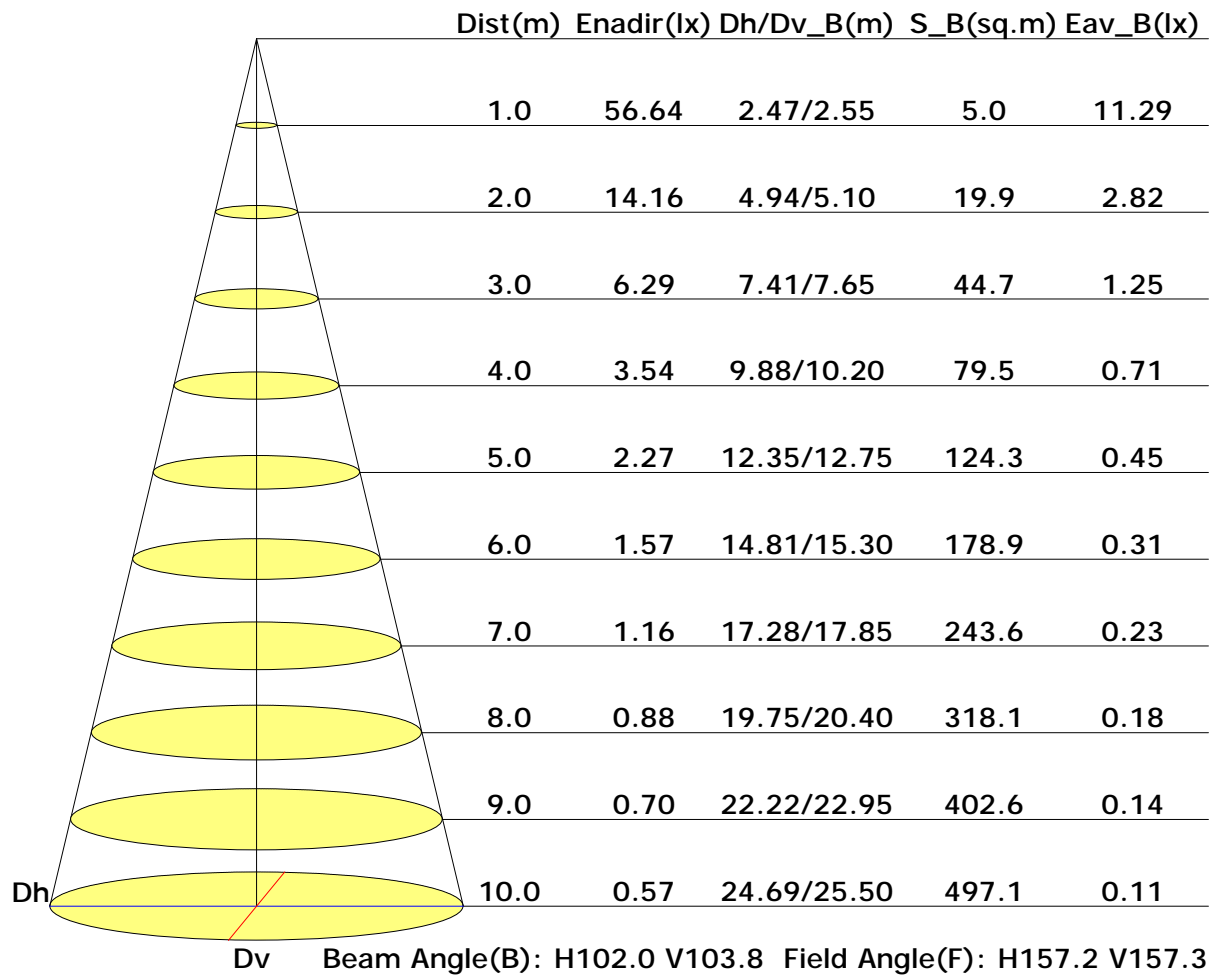


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	1315	1189	1060	923	780	628	466	289	97
C90	1791	1696	1595	1481	1359	1191	983	728	394
C180	1307	1182	1056	924	785	633	472	296	108
C270	1744	1643	1533	1407	1257	1074	843	555	193

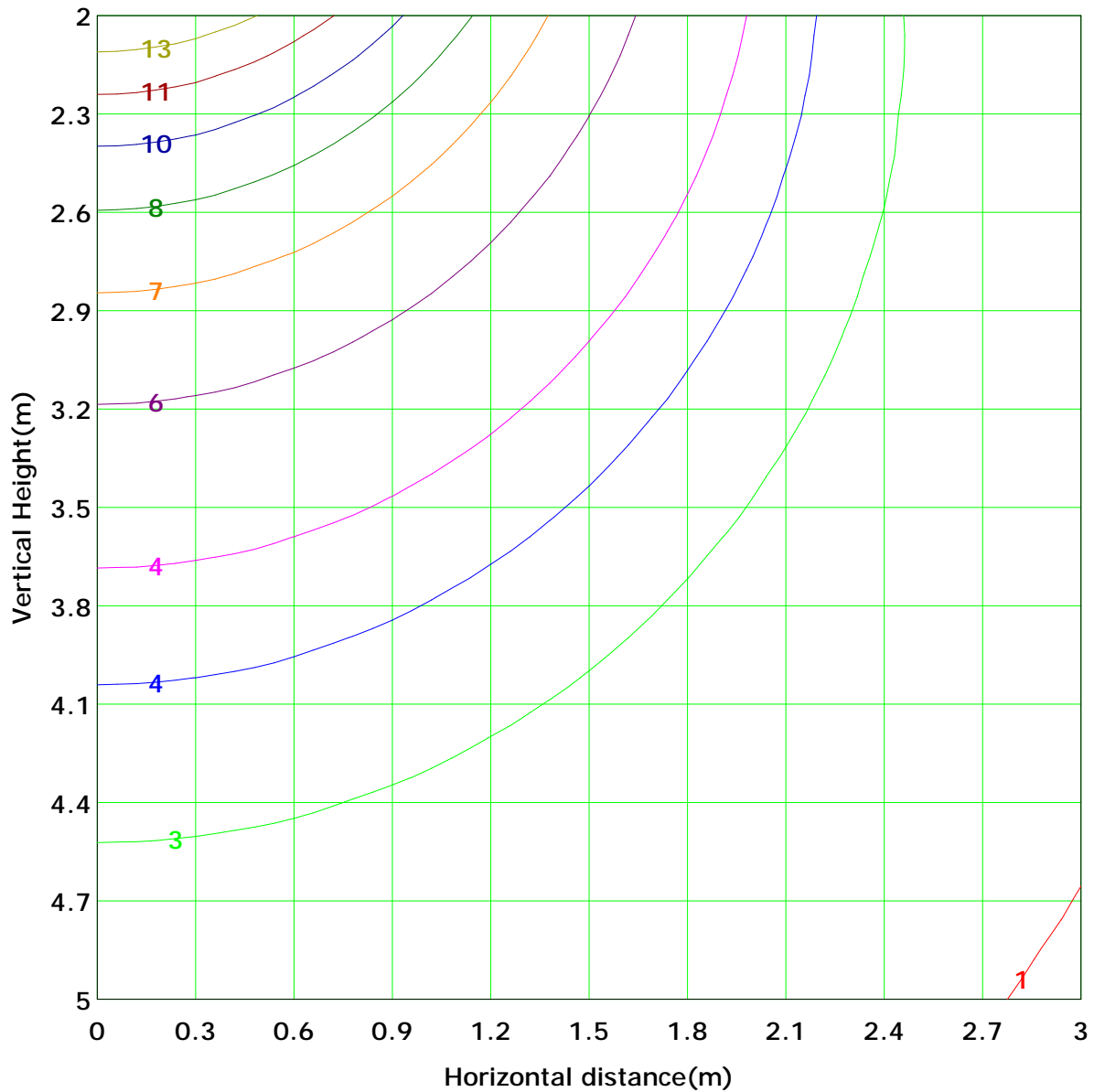
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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: 14.2 lx
(10%): 1.4 lx	(20%): 2.8 lx	
(25%): 3.5 lx	(30%): 4.2 lx	
(40%): 5.7 lx	(50%): 7.1 lx	
(60%): 8.5 lx	(70%): 9.9 lx	
(80%): 11.3 lx	(90%): 12.7 lx	

C Plane (°):0.0-360.0: 30.0
Test Lab:
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

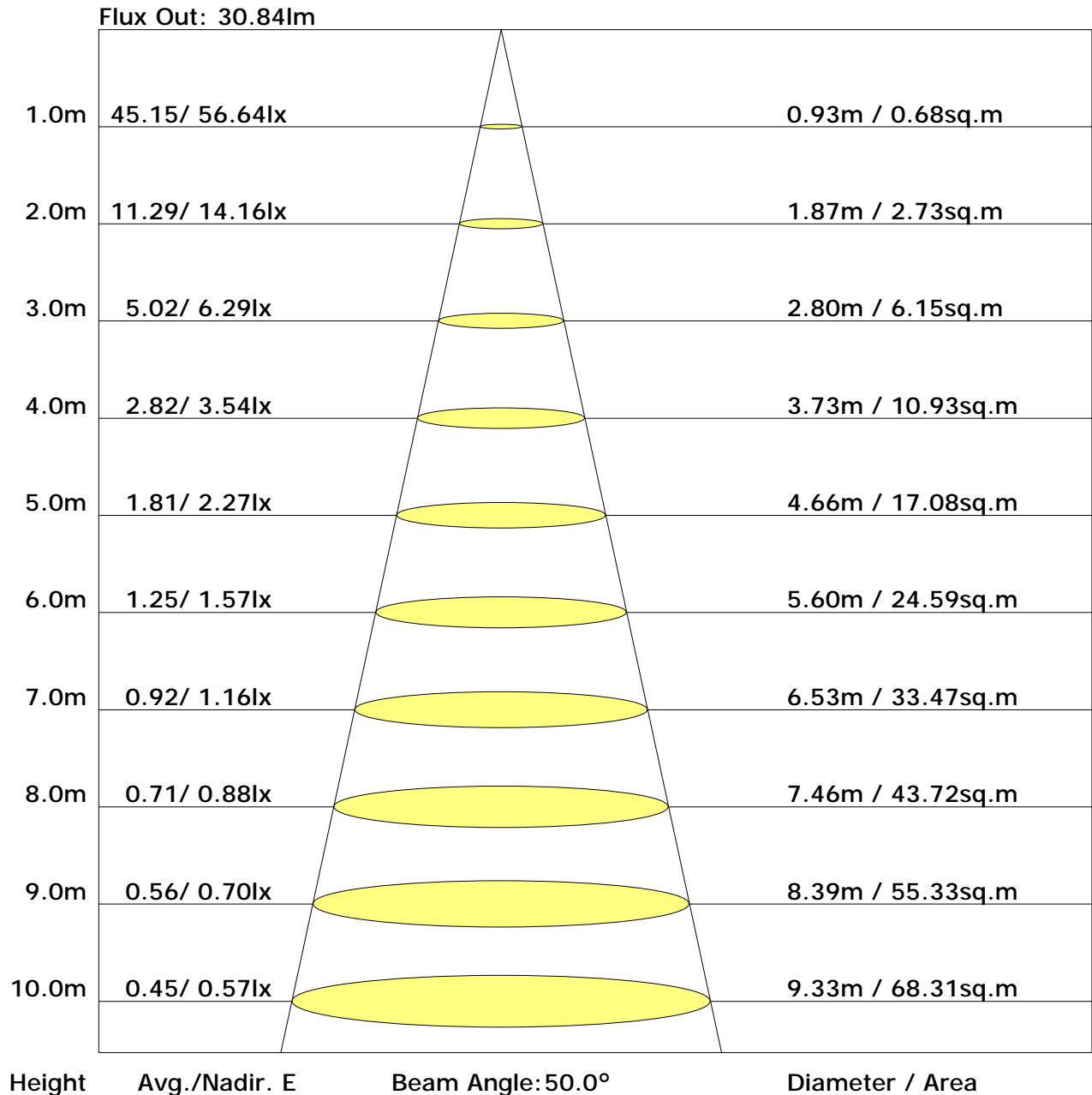
Vertical plane		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
Horizontal plane	-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
	-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.5
	-70	0.0	0.0	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	2.3	2.2
	-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	4.8	4.6
	-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	7.8	7.6
	-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	10.9	10.8
	-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	13.9	13.7
	-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	16.2	16.0
	-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	17.3	17.2
	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.2	17.0
	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
	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	13.3	13.2
	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	10.3	10.1
	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	7.2	7.0
	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	4.3	4.2
	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	2.1	1.9
	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	0.7	0.4
	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	145	142
	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		

C Plane (°): 0.0-360.0: 30.0
Test Lab:
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
Test Lab:
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	19.2	20.7	19.5	21.1	21.4	18.9	20.5	19.3	20.9	21.2
3H	20.7	22.1	21.1	22.5	22.9	20.4	21.8	20.8	22.1	22.5
4H	21.2	22.6	21.6	22.9	23.3	20.8	22.2	21.2	22.5	22.9
6H	21.5	22.8	22.0	23.1	23.6	21.1	22.3	21.5	22.7	23.1
8H	21.6	22.8	22.0	23.2	23.6	21.1	22.3	21.6	22.7	23.1
12H	21.6	22.7	22.0	23.1	23.6	21.1	22.3	21.6	22.7	23.1
X=4H Y=2H	19.6	20.9	20.0	21.3	21.7	19.5	20.9	19.9	21.2	21.6
3H	21.2	22.4	21.7	22.8	23.2	21.1	22.2	21.5	22.7	23.1
4H	21.8	22.8	22.3	23.3	23.7	21.7	22.7	22.1	23.1	23.6
6H	22.2	23.1	22.7	23.5	24.0	22.0	22.9	22.5	23.3	23.8
8H	22.3	23.1	22.8	23.6	24.1	22.1	22.9	22.5	23.4	23.8
12H	22.3	23.0	22.8	23.5	24.0	22.1	22.8	22.6	23.3	23.8
X=8H Y=4H	21.9	22.8	22.4	23.2	23.7	21.9	22.7	22.4	23.2	23.7
6H	22.3	23.0	22.9	23.5	24.0	22.3	23.0	22.8	23.5	24.0
8H	22.4	23.1	23.0	23.6	24.1	22.4	23.0	22.9	23.5	24.0
12H	22.5	23.0	23.0	23.5	24.1	22.5	23.0	23.0	23.5	24.1
X=12H Y=4H	21.9	22.7	22.4	23.2	23.6	21.9	22.6	22.4	23.1	23.6
6H	22.3	23.0	22.9	23.4	24.0	22.3	22.9	22.9	23.4	24.0
8H	22.5	23.0	23.0	23.5	24.1	22.5	23.0	23.0	23.5	24.1

Calculate in accordance with CIE 190:2010

 C Plane (°):0.0-360.0: 30.0
 Test Lab:
 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	0.58	0.69	0.76	0.81	0.88	0.93	0.96	1.01	1.04
	0.30		0.51	0.61	0.69	0.74	0.82	0.88	0.92	0.97	1.00
	0.20		0.45	0.55	0.63	0.69	0.77	0.83	0.87	0.93	0.97
0.50	0.50	0.20	0.57	0.66	0.73	0.78	0.85	0.89	0.93	0.97	0.99
	0.30		0.50	0.60	0.67	0.72	0.80	0.85	0.89	0.93	0.97
	0.20		0.45	0.55	0.62	0.68	0.76	0.81	0.85	0.91	0.94
0.30	0.50	0.20	0.55	0.64	0.71	0.75	0.82	0.86	0.89	0.93	0.95
	0.30		0.49	0.59	0.66	0.71	0.78	0.82	0.86	0.90	0.93
	0.20		0.44	0.54	0.61	0.67	0.74	0.79	0.83	0.88	0.91
0.00	0.00	0.00	0.42	0.52	0.58	0.63	0.70	0.75	0.79	0.83	0.86
Rating: 6W 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	0.97	0.80	0.68	0.59	0.47	0.39	0.33	0.26	0.21	
	0.30		0.81	0.68	0.59	0.52	0.42	0.36	0.31	0.24	0.20	
	0.20		0.69	0.60	0.52	0.47	0.39	0.33	0.29	0.23	0.19	
0.50	0.50	0.20	0.93	0.76	0.65	0.56	0.45	0.40	0.31	0.24	0.20	
	0.30		0.79	0.66	0.57	0.50	0.41	0.34	0.29	0.23	0.19	
	0.20		0.68	0.59	0.51	0.46	0.38	0.32	0.28	0.22	0.18	
0.30	0.50	0.20	0.90	0.73	0.62	0.54	0.43	0.35	0.30	0.23	0.19	
	0.30		0.77	0.65	0.56	0.49	0.39	0.33	0.28	0.22	0.18	
	0.20		0.68	0.58	0.50	0.45	0.36	0.31	0.27	0.21	0.17	
0.00	0.00	0.00	0.57	0.48	0.41	0.36	0.29	0.24	0.21	0.16	0.13	
Rating: 6W 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	0.23
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20
	0.20		0.06	0.07	0.09	0.10	0.12	0.14	0.15	0.17	0.18
0.50	0.50	0.20	0.16	0.18	0.18	0.19	0.20	0.20	0.21	0.21	0.22
	0.30		0.10	0.12	0.13	0.14	0.15	0.17	0.17	0.19	0.19
	0.20		0.05	0.07	0.09	0.10	0.12	0.13	0.15	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	0.13	0.14	0.15	0.16	0.17	0.18	0.19
	0.20		0.05	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17
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: 6W 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	56.6	0.1	0.1	0.04	0.04
1.0-2.0	56.6	0.2	0.2	0.11	0.15
2.0-3.0	56.5	0.3	0.5	0.18	0.33
3.0-4.0	56.4	0.4	0.9	0.26	0.59
4.0-5.0	56.3	0.5	1.3	0.33	0.92
5.0-6.0	56.2	0.6	1.9	0.40	1.33
6.0-7.0	56.0	0.7	2.6	0.48	1.80
7.0-8.0	55.8	0.8	3.4	0.55	2.35
8.0-9.0	55.6	0.9	4.3	0.62	2.97
9.0-10.0	55.3	1.0	5.3	0.69	3.65
10.0-11.0	55.0	1.1	6.4	0.75	4.40
11.0-12.0	54.7	1.2	7.6	0.82	5.22
12.0-13.0	54.4	1.3	8.9	0.88	6.11
13.0-14.0	54.1	1.4	10.3	0.95	7.05
14.0-15.0	53.7	1.5	11.8	1.01	8.06
15.0-16.0	53.3	1.6	13.3	1.07	9.13
16.0-17.0	52.9	1.6	15.0	1.13	10.26
17.0-18.0	52.4	1.7	16.7	1.18	11.44
18.0-19.0	51.9	1.8	18.5	1.24	12.67
19.0-20.0	51.4	1.9	20.4	1.29	13.96
20.0-21.0	50.9	2.0	22.4	1.34	15.30
21.0-22.0	50.4	2.0	24.4	1.38	16.68
22.0-23.0	49.8	2.1	26.5	1.43	18.11
23.0-24.0	49.2	2.2	28.6	1.47	19.59
24.0-25.0	48.6	2.2	30.8	1.51	21.10
25.0-26.0	48.0	2.3	33.1	1.55	22.65
26.0-27.0	47.4	2.3	35.4	1.59	24.24
27.0-28.0	46.8	2.4	37.8	1.62	25.86
28.0-29.0	46.1	2.4	40.2	1.65	27.51
29.0-30.0	45.4	2.5	42.7	1.68	29.19
30.0-31.0	44.7	2.5	45.2	1.70	30.89
31.0-32.0	44.0	2.5	47.7	1.73	32.62
32.0-33.0	43.3	2.6	50.2	1.75	34.36
33.0-34.0	42.6	2.6	52.8	1.76	36.13
34.0-35.0	41.9	2.6	55.4	1.78	37.91
35.0-36.0	41.1	2.6	58.0	1.79	39.70

C Plane (°): 0.0-360.0: 30.0
 Test Lab:
 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	40.4	2.6	60.7	1.80	41.50
37.0-38.0	39.6	2.6	63.3	1.81	43.31
38.0-39.0	38.8	2.7	66.0	1.81	45.12
39.0-40.0	38.1	2.7	68.6	1.82	46.94
40.0-41.0	37.3	2.7	71.3	1.82	48.76
41.0-42.0	36.5	2.7	73.9	1.81	50.57
42.0-43.0	35.7	2.6	76.6	1.81	52.38
43.0-44.0	34.9	2.6	79.2	1.80	54.18
44.0-45.0	34.1	2.6	81.8	1.79	55.98
45.0-46.0	33.3	2.6	84.4	1.78	57.76
46.0-47.0	32.4	2.6	87.0	1.77	59.52
47.0-48.0	31.6	2.6	89.6	1.75	61.27
48.0-49.0	30.8	2.5	92.1	1.73	63.00
49.0-50.0	30.0	2.5	94.6	1.71	64.71
50.0-51.0	29.1	2.5	97.1	1.69	66.40
51.0-52.0	28.3	2.4	99.5	1.66	68.06
52.0-53.0	27.4	2.4	101.9	1.63	69.69
53.0-54.0	26.6	2.3	104.2	1.60	71.29
54.0-55.0	25.7	2.3	106.5	1.57	72.86
55.0-56.0	24.9	2.2	108.8	1.54	74.40
56.0-57.0	24.0	2.2	111.0	1.50	75.91
57.0-58.0	23.2	2.1	113.1	1.47	77.38
58.0-59.0	22.3	2.1	115.2	1.43	78.80
59.0-60.0	21.5	2.0	117.2	1.39	80.19
60.0-61.0	20.6	2.0	119.2	1.35	81.54
61.0-62.0	19.8	1.9	121.1	1.30	82.84
62.0-63.0	18.9	1.8	122.9	1.26	84.10
63.0-64.0	18.0	1.8	124.7	1.21	85.31
64.0-65.0	17.2	1.7	126.4	1.16	86.48
65.0-66.0	16.3	1.6	128.0	1.12	87.59
66.0-67.0	15.5	1.6	129.6	1.07	88.66
67.0-68.0	14.6	1.5	131.1	1.02	89.67
68.0-69.0	13.8	1.4	132.5	0.96	90.64
69.0-70.0	12.9	1.3	133.8	0.91	91.55
70.0-71.0	12.1	1.3	135.1	0.86	92.40
71.0-72.0	11.3	1.2	136.2	0.80	93.21

C Plane (°): 0.0-360.0: 30.0
 Test Lab:
 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	10.5	1.1	137.3	0.75	93.95
73.0-74.0	9.7	1.0	138.4	0.70	94.65
74.0-75.0	8.9	0.9	139.3	0.64	95.29
75.0-76.0	8.1	0.9	140.1	0.59	95.88
76.0-77.0	7.3	0.8	140.9	0.53	96.41
77.0-78.0	6.5	0.7	141.6	0.48	96.89
78.0-79.0	5.8	0.6	142.2	0.43	97.31
79.0-80.0	5.1	0.5	142.8	0.37	97.69
80.0-81.0	4.4	0.5	143.3	0.32	98.01
81.0-82.0	3.7	0.4	143.7	0.27	98.29
82.0-83.0	3.0	0.3	144.0	0.23	98.51
83.0-84.0	2.4	0.3	144.3	0.18	98.69
84.0-85.0	1.9	0.2	144.5	0.14	98.83
85.0-86.0	1.3	0.1	144.6	0.10	98.93
86.0-87.0	0.9	0.1	144.7	0.07	99.00
87.0-88.0	0.5	0.1	144.8	0.04	99.04
88.0-89.0	0.3	0.0	144.8	0.02	99.06
89.0-90.0	0.1	0.0	144.8	0.01	99.07
90.0-91.0	0.1	0.0	144.8	0.01	99.07
91.0-92.0	0.1	0.0	144.8	0.00	99.08
92.0-93.0	0.1	0.0	144.8	0.00	99.08
93.0-94.0	0.1	0.0	144.8	0.00	99.09
94.0-95.0	0.1	0.0	144.8	0.00	99.09
95.0-96.0	0.1	0.0	144.9	0.01	99.10
96.0-97.0	0.1	0.0	144.9	0.01	99.10
97.0-98.0	0.1	0.0	144.9	0.01	99.11
98.0-99.0	0.1	0.0	144.9	0.01	99.12
99.0-100.0	0.1	0.0	144.9	0.01	99.12
100.0-101.0	0.1	0.0	144.9	0.01	99.13
101.0-102.0	0.1	0.0	144.9	0.01	99.14
102.0-103.0	0.1	0.0	144.9	0.01	99.15
103.0-104.0	0.1	0.0	144.9	0.01	99.15
104.0-105.0	0.1	0.0	144.9	0.01	99.16
105.0-106.0	0.1	0.0	145.0	0.01	99.17
106.0-107.0	0.1	0.0	145.0	0.01	99.18
107.0-108.0	0.1	0.0	145.0	0.01	99.19

C Plane (°): 0.0-360.0: 30.0
 Test Lab:
 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	145.0	0.01	99.20
109.0-110.0	0.1	0.0	145.0	0.01	99.21
110.0-111.0	0.2	0.0	145.0	0.01	99.22
111.0-112.0	0.2	0.0	145.0	0.01	99.23
112.0-113.0	0.2	0.0	145.1	0.01	99.24
113.0-114.0	0.2	0.0	145.1	0.01	99.25
114.0-115.0	0.2	0.0	145.1	0.01	99.26
115.0-116.0	0.2	0.0	145.1	0.01	99.28
116.0-117.0	0.2	0.0	145.1	0.01	99.29
117.0-118.0	0.2	0.0	145.2	0.01	99.30
118.0-119.0	0.2	0.0	145.2	0.01	99.31
119.0-120.0	0.2	0.0	145.2	0.01	99.32
120.0-121.0	0.2	0.0	145.2	0.01	99.34
121.0-122.0	0.2	0.0	145.2	0.01	99.35
122.0-123.0	0.2	0.0	145.2	0.01	99.37
123.0-124.0	0.2	0.0	145.3	0.01	99.38
124.0-125.0	0.2	0.0	145.3	0.01	99.39
125.0-126.0	0.2	0.0	145.3	0.01	99.41
126.0-127.0	0.3	0.0	145.3	0.02	99.42
127.0-128.0	0.3	0.0	145.4	0.02	99.44
128.0-129.0	0.3	0.0	145.4	0.02	99.45
129.0-130.0	0.3	0.0	145.4	0.02	99.47
130.0-131.0	0.3	0.0	145.4	0.02	99.48
131.0-132.0	0.3	0.0	145.4	0.02	99.50
132.0-133.0	0.3	0.0	145.5	0.02	99.52
133.0-134.0	0.3	0.0	145.5	0.02	99.53
134.0-135.0	0.3	0.0	145.5	0.02	99.55
135.0-136.0	0.3	0.0	145.5	0.02	99.56
136.0-137.0	0.3	0.0	145.6	0.02	99.58
137.0-138.0	0.3	0.0	145.6	0.01	99.59
138.0-139.0	0.3	0.0	145.6	0.02	99.61
139.0-140.0	0.3	0.0	145.6	0.02	99.62
140.0-141.0	0.3	0.0	145.6	0.02	99.64
141.0-142.0	0.3	0.0	145.7	0.02	99.65
142.0-143.0	0.3	0.0	145.7	0.01	99.67
143.0-144.0	0.3	0.0	145.7	0.01	99.68

C Plane (°): 0.0-360.0: 30.0
 Test Lab:
 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	145.7	0.01	99.70
145.0-146.0	0.3	0.0	145.8	0.01	99.71
146.0-147.0	0.4	0.0	145.8	0.01	99.73
147.0-148.0	0.4	0.0	145.8	0.01	99.74
148.0-149.0	0.4	0.0	145.8	0.01	99.75
149.0-150.0	0.4	0.0	145.8	0.01	99.77
150.0-151.0	0.4	0.0	145.9	0.01	99.78
151.0-152.0	0.4	0.0	145.9	0.01	99.80
152.0-153.0	0.4	0.0	145.9	0.01	99.81
153.0-154.0	0.4	0.0	145.9	0.01	99.82
154.0-155.0	0.4	0.0	145.9	0.01	99.83
155.0-156.0	0.4	0.0	145.9	0.01	99.85
156.0-157.0	0.4	0.0	146.0	0.01	99.86
157.0-158.0	0.4	0.0	146.0	0.01	99.87
158.0-159.0	0.4	0.0	146.0	0.01	99.88
159.0-160.0	0.4	0.0	146.0	0.01	99.89
160.0-161.0	0.4	0.0	146.0	0.01	99.90
161.0-162.0	0.4	0.0	146.0	0.01	99.91
162.0-163.0	0.4	0.0	146.1	0.01	99.92
163.0-164.0	0.4	0.0	146.1	0.01	99.93
164.0-165.0	0.4	0.0	146.1	0.01	99.94
165.0-166.0	0.4	0.0	146.1	0.01	99.94
166.0-167.0	0.4	0.0	146.1	0.01	99.95
167.0-168.0	0.4	0.0	146.1	0.01	99.96
168.0-169.0	0.4	0.0	146.1	0.01	99.97
169.0-170.0	0.4	0.0	146.1	0.01	99.97
170.0-171.0	0.4	0.0	146.1	0.01	99.98
171.0-172.0	0.4	0.0	146.1	0.00	99.98
172.0-173.0	0.4	0.0	146.2	0.00	99.99
173.0-174.0	0.4	0.0	146.2	0.00	99.99
174.0-175.0	0.4	0.0	146.2	0.00	99.99
175.0-176.0	0.5	0.0	146.2	0.00	100.00
176.0-177.0	0.5	0.0	146.2	0.00	100.00
177.0-178.0	0.4	0.0	146.2	0.00	100.00
178.0-179.0	0.4	0.0	146.2	0.00	100.00
179.0-180.0	0.4	0.0	146.2	0.00	100.00

C Plane (°):0.0-360.0: 30.0
Test Lab:
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: