

Report No.:

Test Time: 2023/10/30 11:18

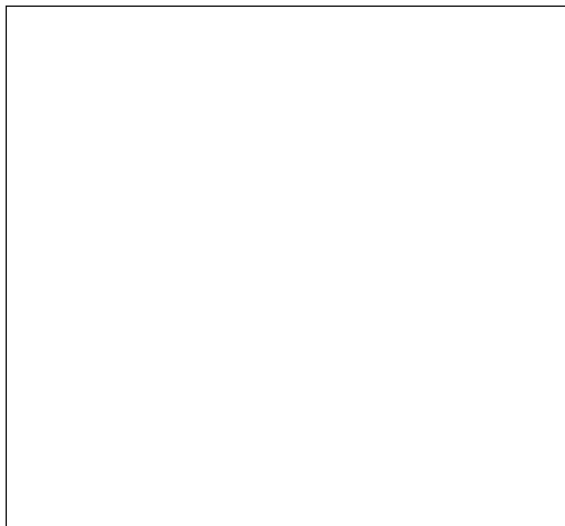
Luminaire Property

Luminaire Manufacturer: Acolyte
Luminaire Category: Scroll pendants
Luminaire Description: Scroll pendants C50S VW SO 28W
Lamp Catalog: ALL ON
Luminous Width (mm): 50
Voltage: 24.0 V
Power: 8.20 W
Luminous Length (mm): 300
Luminous Height (mm): 30
Current: 0.342 A
Power Factor: 1.000

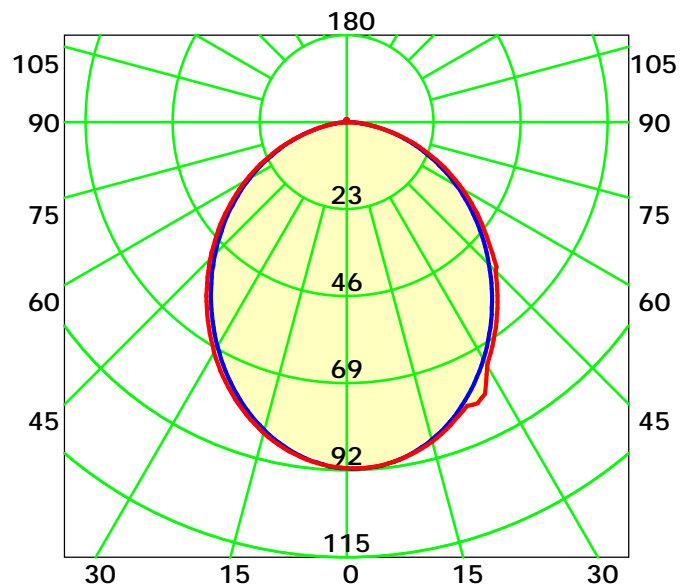
Photometric Results

CIE Class: Direct
Measurement Flux: 229.3 lm
Downward Ratio: 99%
Horizontal Diffuse Angle(10%,50%): H156.4,H98.3
Vertical Diffuse Angle(10%,50%): V156.5,V101.3
Luminaire Efficacy Rating (LER): 28
Max. Intensity: 91.7 cd
Total Rated Lamp Lumens: 229.3 lm
Efficiency: 100%
Upward Ratio: 1%
Central Intensity: 91.53 cd
Pos of Max. Intensity: H30 V1

Picture Of Luminaire



Luminous Intensity Distribution Curve



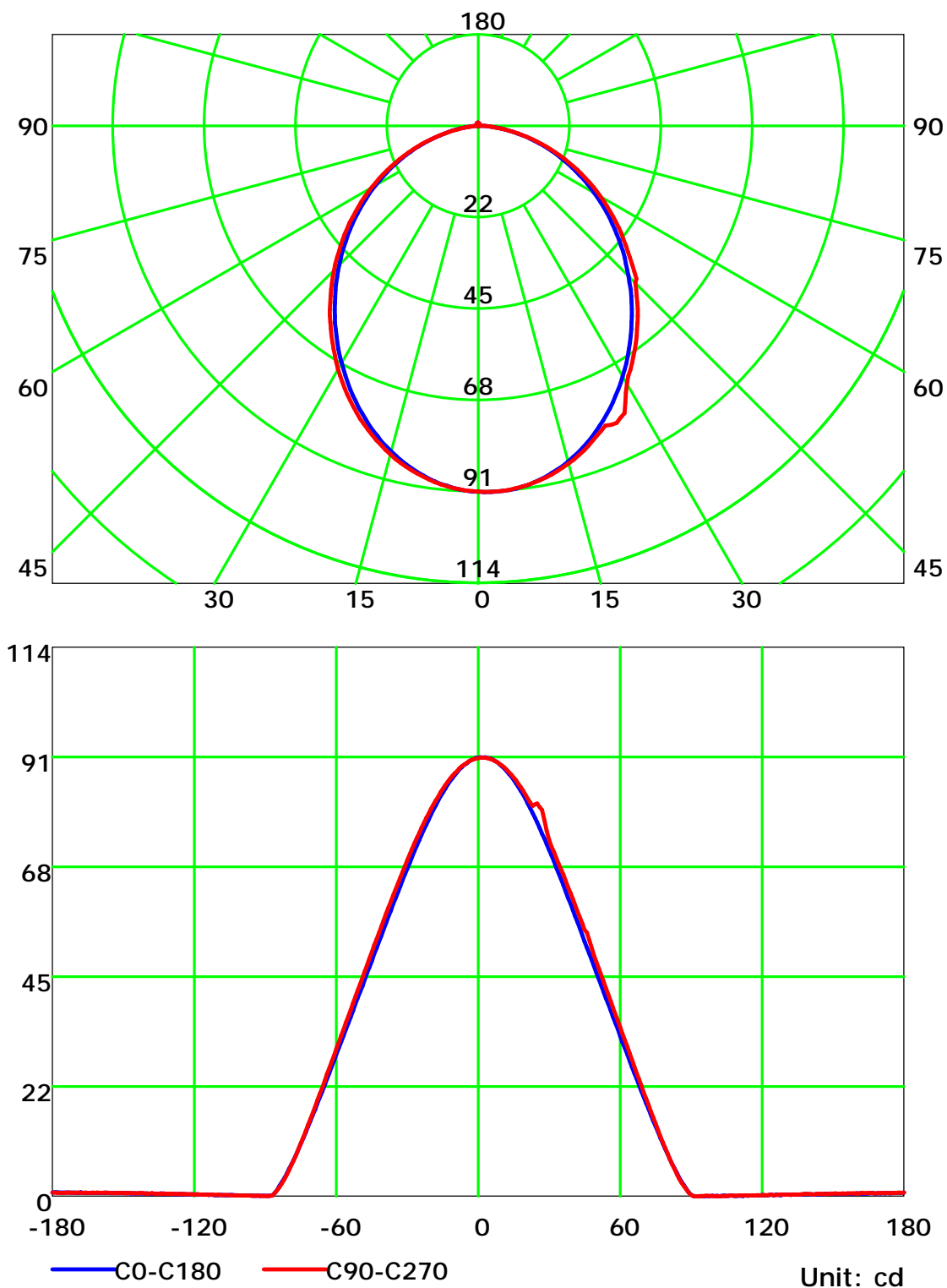
Average Diffuse Angle(50%): 99.8° Unit: cd

— 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:

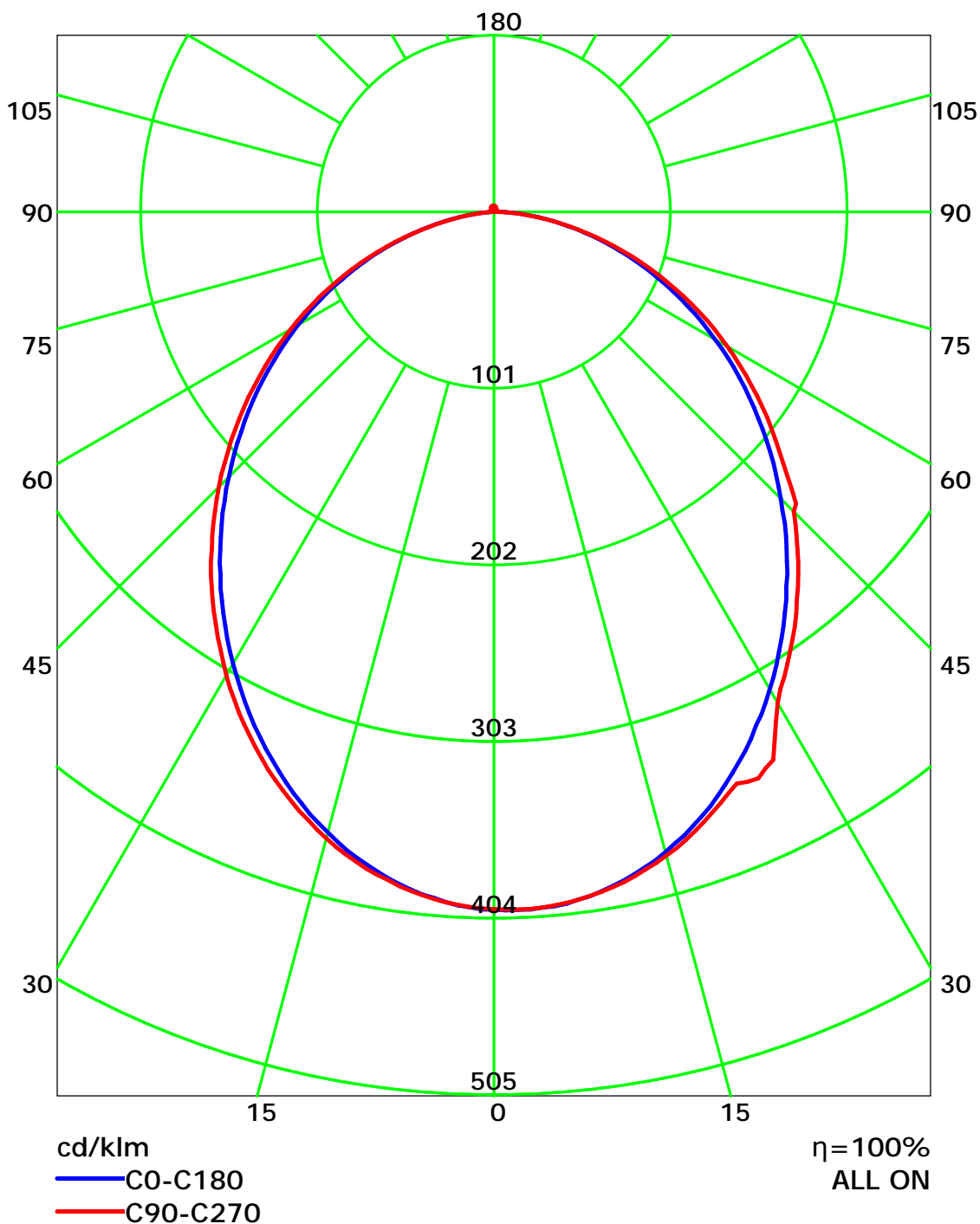
Luminous Intensity Distribution Curve



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:

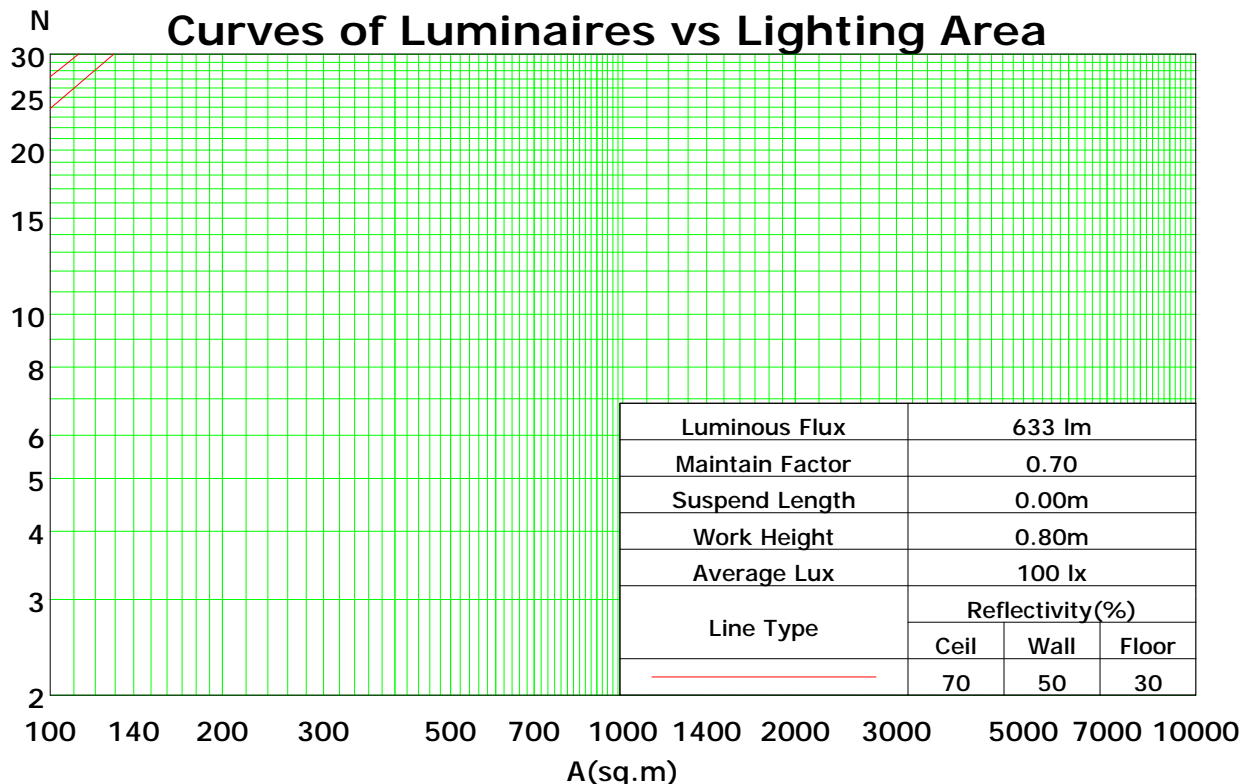
Coefficients Of Utilization - Zonal Cavity Method

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	90	83	78	86	81	76	82	78	74	79	76	73	71
3	91	81	73	66	88	79	72	66	76	70	65	73	68	63	70	66	62	60
4	83	72	63	57	81	70	62	56	68	61	55	65	59	54	63	58	54	51
5	77	64	56	49	75	63	55	49	61	54	48	59	53	48	57	51	47	45
6	71	58	49	43	69	57	49	43	55	48	42	53	47	42	52	46	41	39
7	66	53	44	38	64	52	44	38	50	43	38	49	42	37	47	41	37	35
8	62	48	40	34	60	48	40	34	46	39	34	45	38	34	44	38	33	31
9	58	44	36	31	56	44	36	31	43	35	31	41	35	30	40	34	30	28
10	54	41	33	28	53	40	33	28	39	33	28	38	32	28	38	32	27	26

Spacing Criteria (0-180): 1.15

Spacing Criteria (90-270): 1.18

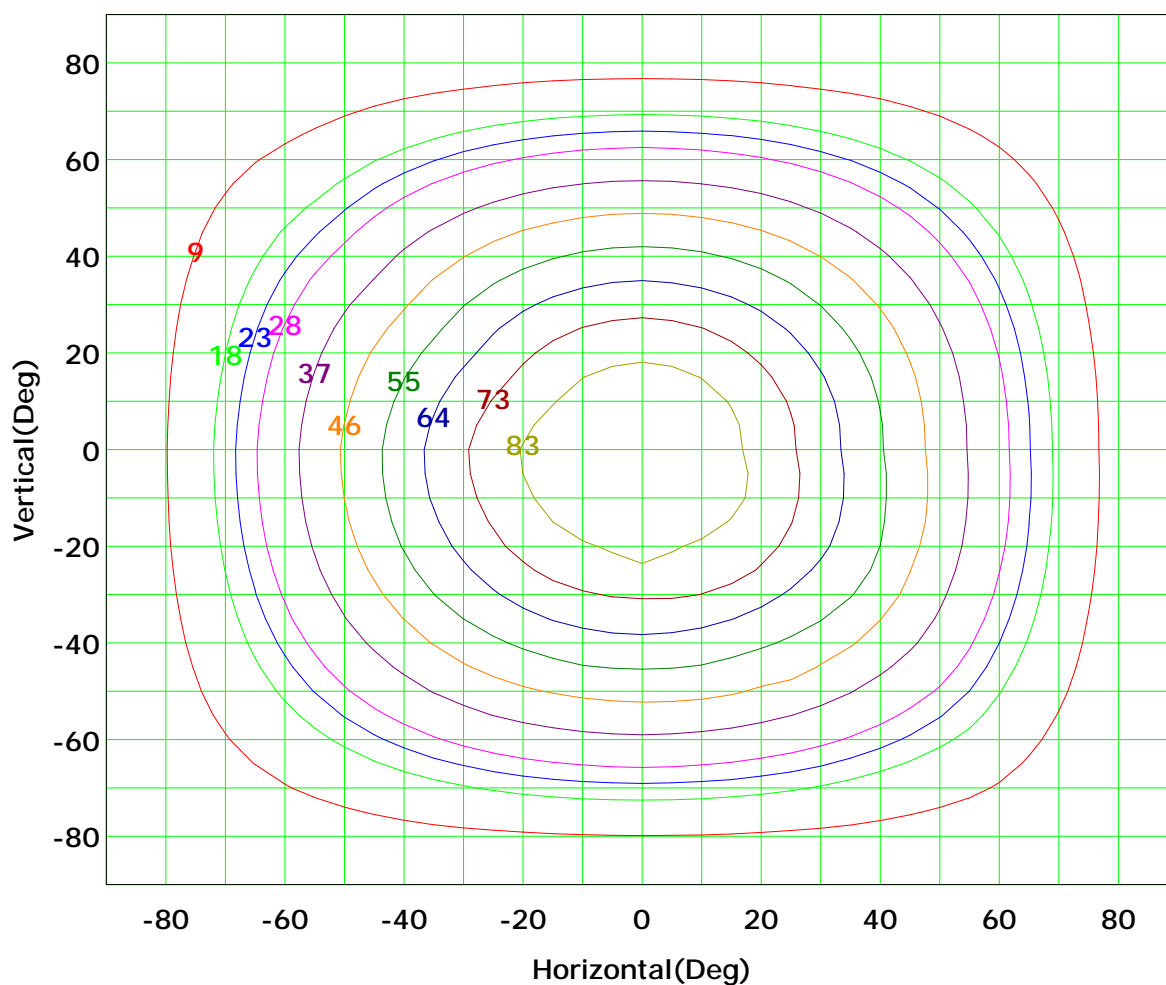
Spacing Criteria (Diagonal): 1.28



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)



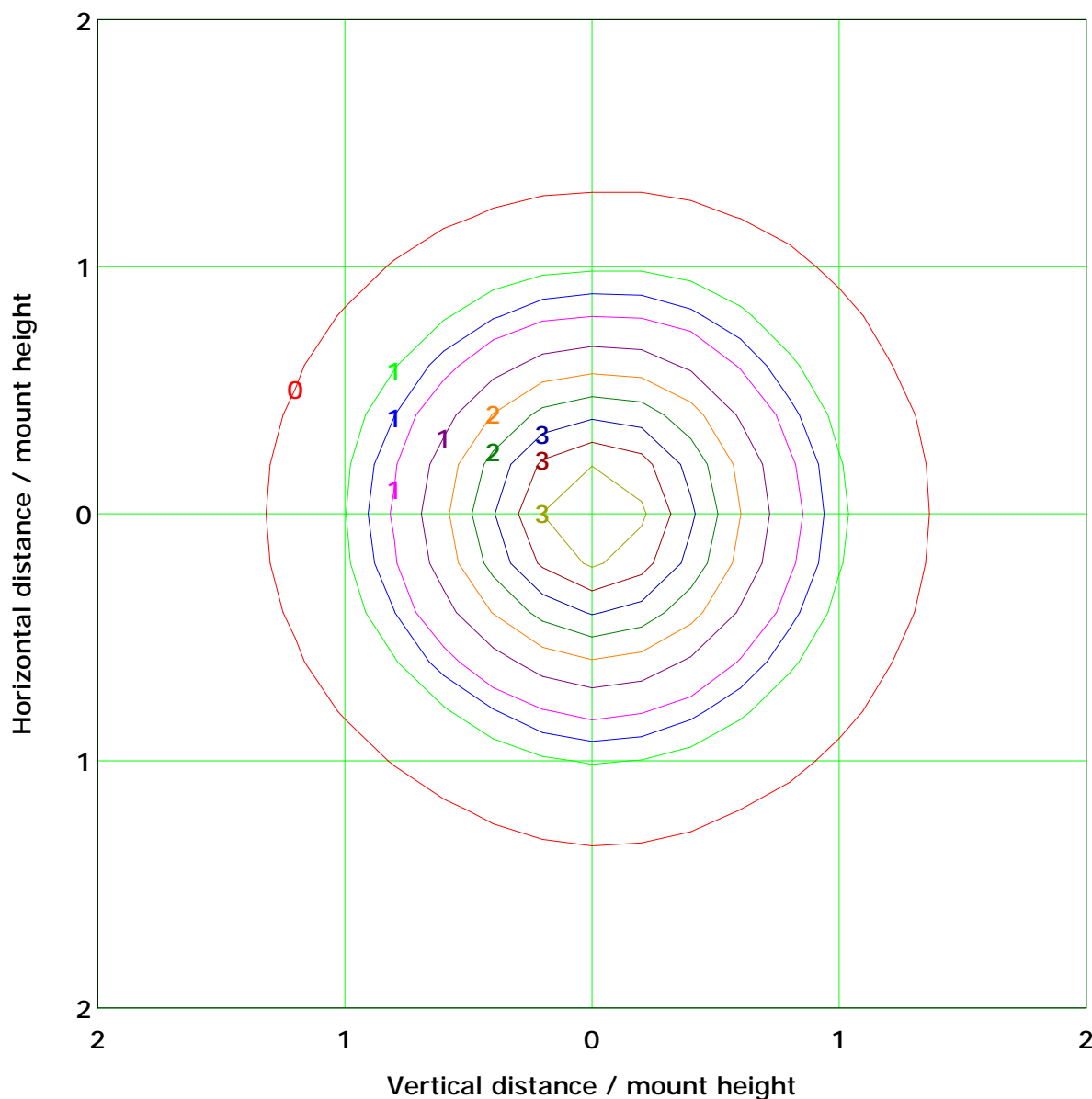
Imax (100%): 92 cd

(10%):	9 cd	(20%):	18 cd
(25%):	23 cd	(30%):	28 cd
(40%):	37 cd	(50%):	46 cd
(60%):	55 cd	(70%):	64 cd
(80%):	73 cd	(90%):	83 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%): 3.7 lx

(10%): 0.4 lx	(20%): 0.7 lx
(25%): 0.9 lx	(30%): 1.1 lx
(40%): 1.5 lx	(50%): 1.8 lx
(60%): 2.2 lx	(70%): 2.6 lx
(80%): 2.9 lx	(90%): 3.3 lx

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

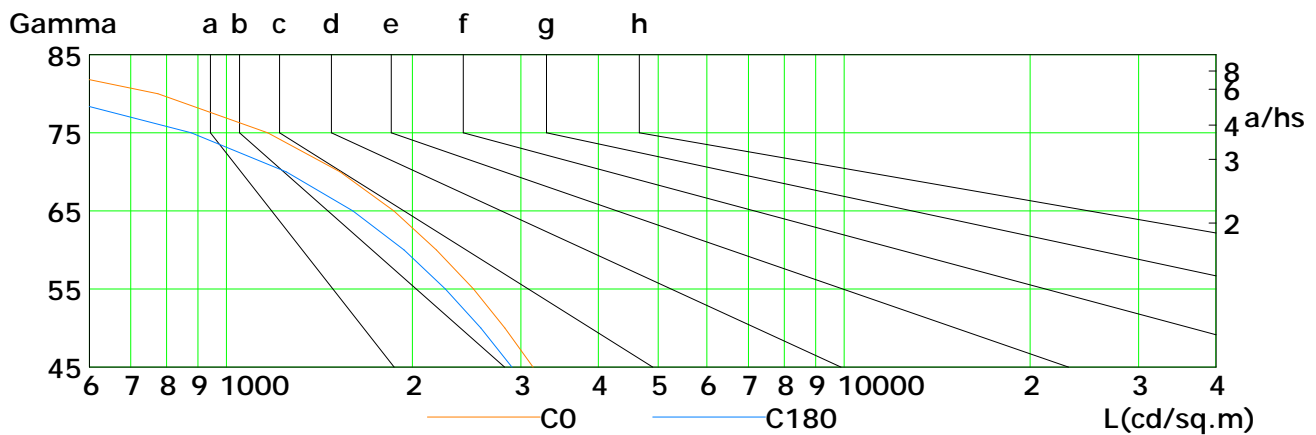
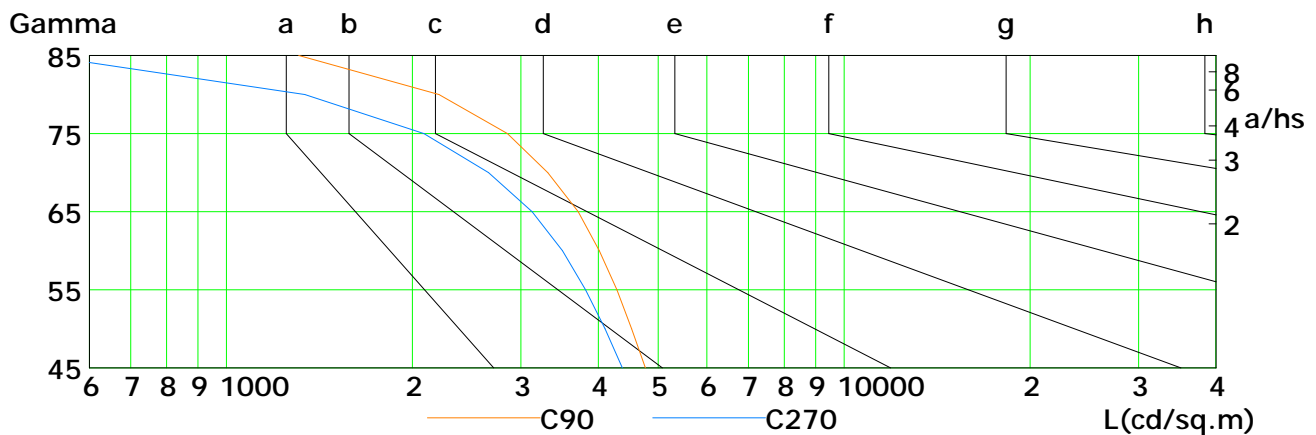
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:



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



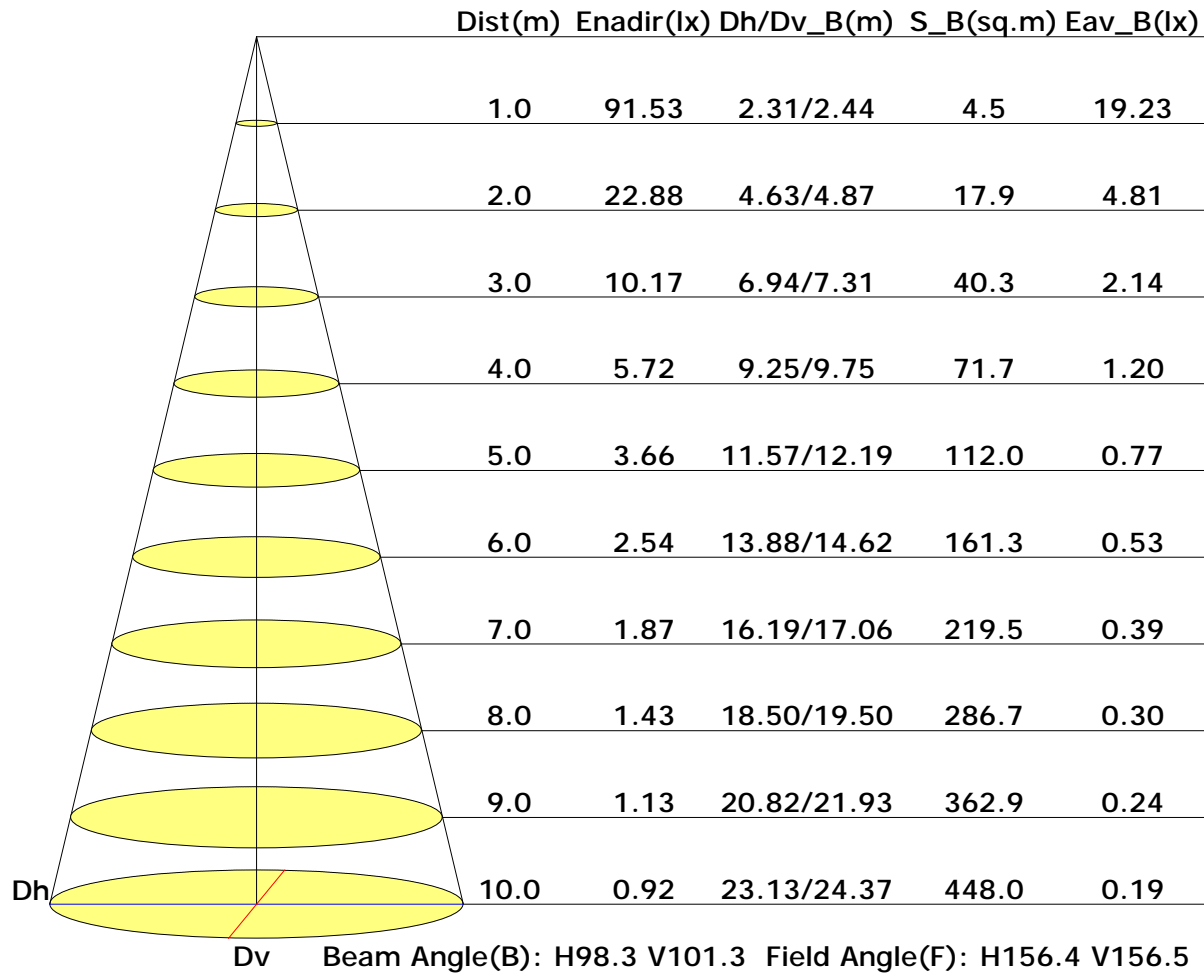
L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	3136	2823	2513	2189	1867	1527	1167	775	384
C90	4770	4532	4287	4016	3712	3315	2853	2210	1310
C180	2900	2583	2262	1941	1603	1251	877	500	138
C270	4375	4105	3815	3503	3126	2659	2088	1340	503

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

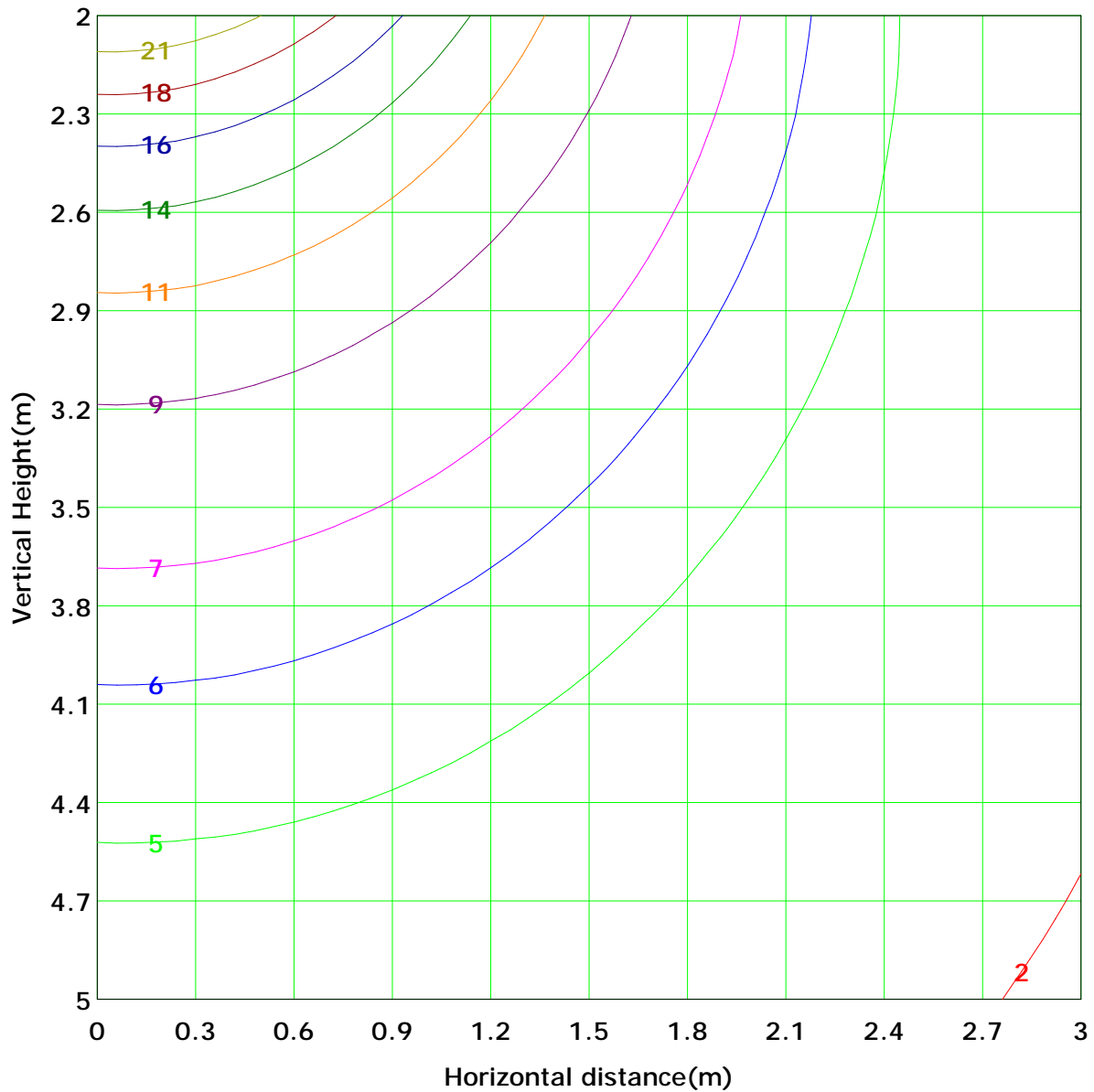
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:



Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 22.9 lx
(10%): 2.3 lx	(20%): 4.6 lx	
(25%): 5.7 lx	(30%): 6.9 lx	
(40%): 9.2 lx	(50%): 11.4 lx	
(60%): 13.7 lx	(70%): 16.0 lx	
(80%): 18.3 lx	(90%): 20.6 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

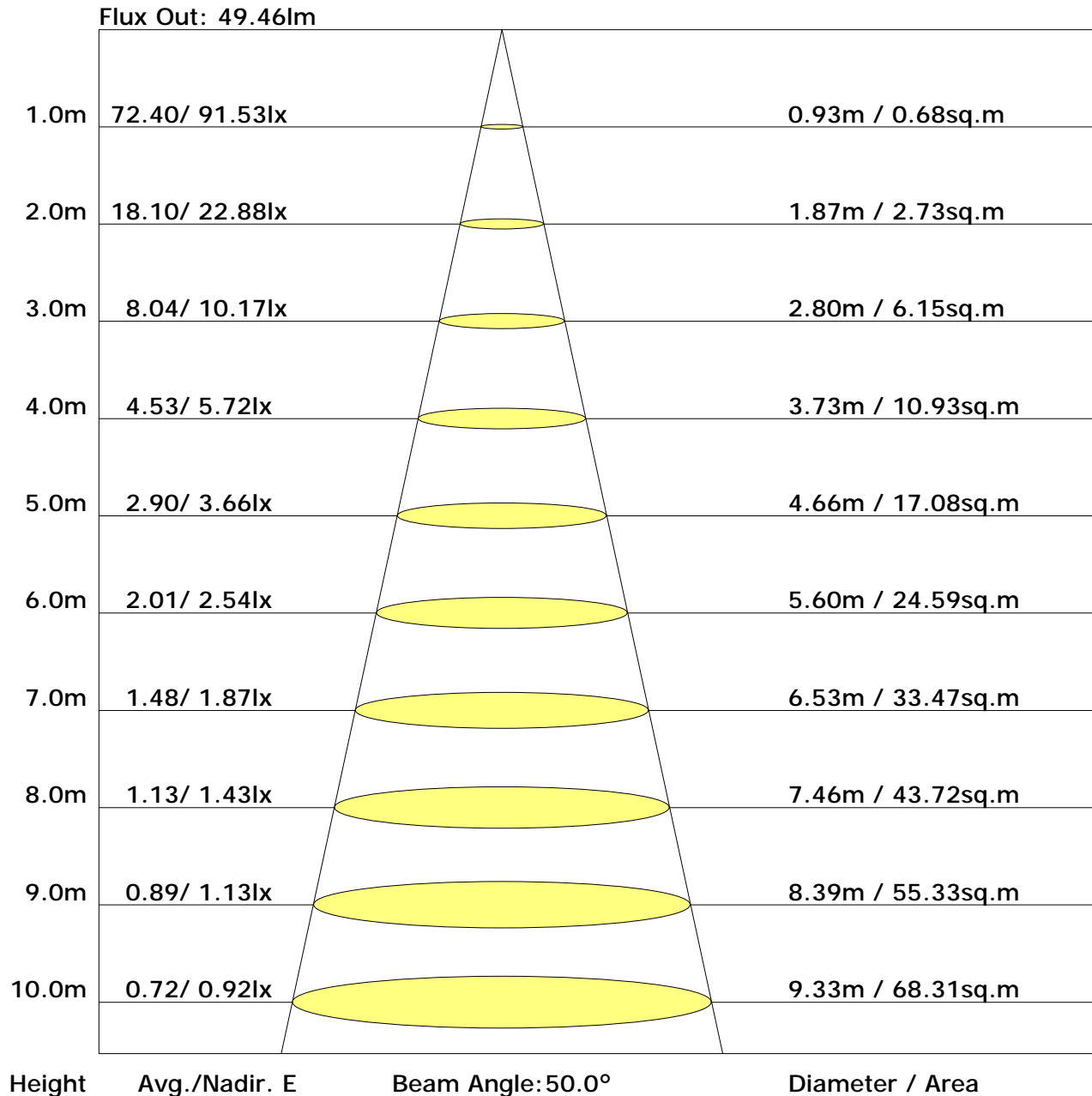
Vertical plane		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
Horizontal plane	-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
	-80	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.9	0.6
	-70	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	3.2	2.9
	-60	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.0	6.8	6.5
	-50	0.0	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.1	11.4	11.1
	-40	0.0	0.0	0.3	0.4	0.7	0.9	1.2	1.3	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	0.1	16.4	16.1
	-30	0.0	0.0	0.6	0.7	0.9	1.2	1.5	1.7	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	0.1	21.2	21.0
	-20	0.0	0.0	0.7	0.9	1.0	1.2	1.5	1.8	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	0.1	25.2	24.9
	-10	0.0	0.0	0.7	1.0	1.1	1.1	1.5	1.9	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	0.1	27.4	27.2
	0	0.0	0.0	0.7	1.0	1.1	1.1	1.5	1.9	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	0.1	27.4	27.2
	10	0.0	0.0	0.7	1.0	1.1	1.1	1.5	1.9	2.3	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	0.1	25.3	25.0
	20	0.0	0.0	0.6	0.9	1.0	1.1	1.5	1.9	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	0.1	21.4	21.1
	30	0.0	0.0	0.6	0.8	0.9	0.9	1.3	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	0.1	16.6	16.3
	40	0.0	0.0	0.6	0.7	0.8	0.8	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.1	11.6	11.3
	50	0.0	0.0	0.5	0.6	0.6	0.6	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.0	7.1	6.9
	60	0.0	0.0	0.4	0.4	0.4	0.4	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.0	3.6	3.3
	70	0.0	0.0	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.0	1.2	0.9
	80	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	0.1	0.1	0.1	0.0	0.2	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	0.0	0.0
	Flux(T)	0.1	0.9	3.2	6.8	11.4	16.4	21.2	25.2	27.4	27.4	25.3	21.4	16.6	11.6	7.1	3.6	1.2	0.2	0.0	227	
	Flux(E)	0.0	0.6	2.9	6.5	11.1	16.1	21.0	24.9	27.2	27.2	25.0	21.1	16.3	11.3	6.9	3.3	0.9	0.0	0.0		222
	Flux(T)Flux(E)																					

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	21.0	22.6	21.4	22.9	23.3	20.5	22.0	20.8	22.4	22.7
3H	22.7	24.1	23.1	24.4	24.8	21.9	23.3	22.3	23.6	24.0
4H	23.3	24.6	23.7	25.0	25.4	22.3	23.7	22.7	24.0	24.4
6H	23.7	24.9	24.1	25.3	25.7	22.6	23.8	23.0	24.2	24.6
8H	23.8	25.0	24.3	25.4	25.8	22.6	23.8	23.1	24.2	24.7
12H	23.9	25.0	24.3	25.4	25.9	22.7	23.8	23.1	24.2	24.6
X=4H Y=2H	21.4	22.7	21.8	23.1	23.5	21.0	22.4	21.4	22.7	23.1
3H	23.2	24.3	23.6	24.7	25.1	22.6	23.7	23.1	24.2	24.6
4H	23.9	24.9	24.3	25.3	25.8	23.2	24.2	23.6	24.6	25.1
6H	24.4	25.3	24.8	25.7	26.2	23.5	24.4	24.0	24.9	25.3
8H	24.5	25.3	25.0	25.8	26.3	23.6	24.4	24.1	24.9	25.4
12H	24.6	25.4	25.1	25.9	26.3	23.6	24.4	24.1	24.9	25.4
X=8H Y=4H	24.0	24.8	24.5	25.3	25.7	23.4	24.2	23.9	24.7	25.2
6H	24.5	25.2	25.0	25.7	26.2	23.8	24.5	24.3	25.0	25.5
8H	24.7	25.3	25.2	25.8	26.4	23.9	24.5	24.5	25.1	25.6
12H	24.9	25.4	25.4	25.9	26.5	24.0	24.5	24.5	25.1	25.6
X=12H Y=4H	24.0	24.7	24.5	25.2	25.7	23.4	24.2	23.9	24.7	25.1
6H	24.5	25.1	25.1	25.6	26.2	23.9	24.5	24.4	25.0	25.5
8H	24.7	25.3	25.3	25.8	26.4	24.0	24.5	24.5	25.0	25.6

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	0.59	0.69	0.76	0.81	0.88	0.93	0.97	1.01	1.04
	0.30		0.51	0.62	0.69	0.75	0.82	0.88	0.92	0.97	1.00
	0.20		0.46	0.56	0.63	0.69	0.78	0.83	0.88	0.94	0.97
0.50	0.50	0.20	0.57	0.67	0.74	0.78	0.85	0.90	0.93	0.97	0.99
	0.30		0.50	0.60	0.67	0.73	0.80	0.85	0.89	0.94	0.97
	0.20		0.45	0.55	0.63	0.68	0.76	0.81	0.85	0.91	0.94
0.30	0.50	0.20	0.56	0.65	0.71	0.76	0.82	0.86	0.89	0.93	0.95
	0.30		0.49	0.59	0.66	0.71	0.78	0.83	0.86	0.90	0.93
	0.20		0.45	0.55	0.62	0.67	0.74	0.79	0.83	0.88	0.91
0.00	0.00	0.00	0.43	0.52	0.59	0.64	0.71	0.75	0.79	0.83	0.86
Rating:8W 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	0.96	0.79	0.67	0.58	0.46	0.38	0.33	0.25	0.21	
	0.30		0.80	0.68	0.59	0.52	0.42	0.35	0.30	0.24	0.20	
	0.20		0.69	0.59	0.52	0.46	0.38	0.33	0.28	0.23	0.19	
0.50	0.50	0.20	0.93	0.76	0.64	0.56	0.44	0.40	0.31	0.24	0.20	
	0.30		0.78	0.66	0.57	0.50	0.40	0.34	0.29	0.23	0.19	
	0.20		0.68	0.58	0.51	0.45	0.37	0.31	0.27	0.22	0.18	
0.30	0.50	0.20	0.90	0.73	0.62	0.53	0.42	0.35	0.30	0.23	0.19	
	0.30		0.77	0.64	0.55	0.48	0.39	0.33	0.28	0.22	0.18	
	0.20		0.67	0.57	0.50	0.44	0.36	0.31	0.26	0.21	0.17	
0.00	0.00	0.00	0.57	0.47	0.40	0.35	0.28	0.24	0.20	0.16	0.13	
Rating:8W 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	0.16	0.17	0.18	0.19	0.19
	0.20		0.06	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	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19
	0.20		0.06	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:8W 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	91.5	0.1	0.1	0.04	0.04
1.0-2.0	91.4	0.3	0.4	0.11	0.15
2.0-3.0	91.3	0.4	0.8	0.19	0.34
3.0-4.0	91.2	0.6	1.4	0.27	0.61
4.0-5.0	91.0	0.8	2.2	0.34	0.95
5.0-6.0	90.7	1.0	3.1	0.42	1.37
6.0-7.0	90.4	1.1	4.3	0.49	1.86
7.0-8.0	90.1	1.3	5.5	0.56	2.42
8.0-9.0	89.7	1.5	7.0	0.63	3.05
9.0-10.0	89.2	1.6	8.6	0.70	3.76
10.0-11.0	88.7	1.8	10.4	0.77	4.53
11.0-12.0	88.2	1.9	12.3	0.84	5.37
12.0-13.0	87.6	2.1	14.4	0.91	6.28
13.0-14.0	87.0	2.2	16.6	0.97	7.25
14.0-15.0	86.3	2.4	19.0	1.03	8.28
15.0-16.0	85.5	2.5	21.5	1.09	9.37
16.0-17.0	84.8	2.6	24.1	1.15	10.52
17.0-18.0	84.0	2.8	26.9	1.21	11.73
18.0-19.0	83.1	2.9	29.8	1.26	12.99
19.0-20.0	82.3	3.0	32.8	1.31	14.31
20.0-21.0	81.4	3.1	35.9	1.36	15.67
21.0-22.0	80.4	3.2	39.2	1.41	17.08
22.0-23.0	79.5	3.3	42.5	1.45	18.53
23.0-24.0	78.5	3.4	45.9	1.50	20.03
24.0-25.0	77.6	3.5	49.5	1.54	21.57
25.0-26.0	76.6	3.6	53.1	1.58	23.14
26.0-27.0	75.7	3.7	56.8	1.61	24.76
27.0-28.0	74.7	3.8	60.6	1.65	26.41
28.0-29.0	73.5	3.8	64.4	1.68	28.09
29.0-30.0	72.3	3.9	68.3	1.70	29.79
30.0-31.0	71.0	4.0	72.3	1.72	31.51
31.0-32.0	69.7	4.0	76.3	1.74	33.25
32.0-33.0	68.4	4.0	80.3	1.76	35.01
33.0-34.0	67.1	4.1	84.3	1.77	36.78
34.0-35.0	65.8	4.1	88.4	1.78	38.56
35.0-36.0	64.6	4.1	92.5	1.79	40.36

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	63.3	4.1	96.7	1.80	42.16
37.0-38.0	62.1	4.1	100.8	1.81	43.96
38.0-39.0	60.8	4.2	105.0	1.81	45.77
39.0-40.0	59.5	4.2	109.1	1.81	47.58
40.0-41.0	58.3	4.1	113.3	1.81	49.39
41.0-42.0	57.0	4.1	117.4	1.81	51.20
42.0-43.0	55.7	4.1	121.5	1.80	53.00
43.0-44.0	54.4	4.1	125.7	1.79	54.79
44.0-45.0	53.2	4.1	129.7	1.78	56.57
45.0-46.0	51.9	4.1	133.8	1.77	58.34
46.0-47.0	50.5	4.0	137.8	1.75	60.10
47.0-48.0	49.1	4.0	141.8	1.73	61.83
48.0-49.0	47.7	3.9	145.7	1.71	63.54
49.0-50.0	46.4	3.9	149.6	1.69	65.22
50.0-51.0	45.1	3.8	153.4	1.67	66.89
51.0-52.0	43.8	3.8	157.1	1.64	68.53
52.0-53.0	42.4	3.7	160.8	1.61	70.13
53.0-54.0	41.0	3.6	164.4	1.58	71.71
54.0-55.0	39.7	3.5	168.0	1.54	73.26
55.0-56.0	38.3	3.5	171.5	1.51	74.77
56.0-57.0	37.0	3.4	174.8	1.48	76.24
57.0-58.0	35.7	3.3	178.1	1.44	77.68
58.0-59.0	34.4	3.2	181.4	1.40	79.08
59.0-60.0	33.0	3.1	184.5	1.36	80.44
60.0-61.0	31.7	3.0	187.5	1.32	81.76
61.0-62.0	30.4	2.9	190.4	1.28	83.04
62.0-63.0	29.1	2.8	193.3	1.23	84.27
63.0-64.0	27.7	2.7	196.0	1.19	85.46
64.0-65.0	26.4	2.6	198.6	1.14	86.60
65.0-66.0	25.1	2.5	201.1	1.09	87.69
66.0-67.0	23.8	2.4	203.5	1.04	88.73
67.0-68.0	22.5	2.3	205.8	0.99	89.72
68.0-69.0	21.2	2.2	207.9	0.94	90.66
69.0-70.0	19.9	2.0	210.0	0.89	91.56
70.0-71.0	18.6	1.9	211.9	0.84	92.39
71.0-72.0	17.3	1.8	213.7	0.79	93.18

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	16.1	1.7	215.4	0.73	93.91
73.0-74.0	14.8	1.6	216.9	0.68	94.59
74.0-75.0	13.6	1.4	218.4	0.63	95.22
75.0-76.0	12.4	1.3	219.7	0.57	95.79
76.0-77.0	11.2	1.2	220.9	0.52	96.31
77.0-78.0	10.1	1.1	221.9	0.47	96.78
78.0-79.0	8.9	1.0	222.9	0.42	97.20
79.0-80.0	7.8	0.8	223.7	0.37	97.57
80.0-81.0	6.8	0.7	224.5	0.32	97.89
81.0-82.0	5.8	0.6	225.1	0.27	98.16
82.0-83.0	4.8	0.5	225.6	0.23	98.39
83.0-84.0	3.9	0.4	226.1	0.19	98.58
84.0-85.0	3.1	0.3	226.4	0.15	98.72
85.0-86.0	2.3	0.2	226.6	0.11	98.83
86.0-87.0	1.6	0.2	226.8	0.07	98.90
87.0-88.0	1.0	0.1	226.9	0.05	98.95
88.0-89.0	0.6	0.1	227.0	0.03	98.98
89.0-90.0	0.3	0.0	227.0	0.02	99.00
90.0-91.0	0.1	0.0	227.0	0.01	99.01
91.0-92.0	0.1	0.0	227.1	0.00	99.01
92.0-93.0	0.1	0.0	227.1	0.00	99.01
93.0-94.0	0.1	0.0	227.1	0.00	99.02
94.0-95.0	0.1	0.0	227.1	0.01	99.02
95.0-96.0	0.1	0.0	227.1	0.01	99.03
96.0-97.0	0.1	0.0	227.1	0.01	99.03
97.0-98.0	0.1	0.0	227.1	0.01	99.04
98.0-99.0	0.1	0.0	227.1	0.01	99.05
99.0-100.0	0.1	0.0	227.2	0.01	99.05
100.0-101.0	0.2	0.0	227.2	0.01	99.06
101.0-102.0	0.2	0.0	227.2	0.01	99.07
102.0-103.0	0.2	0.0	227.2	0.01	99.08
103.0-104.0	0.2	0.0	227.2	0.01	99.09
104.0-105.0	0.2	0.0	227.2	0.01	99.09
105.0-106.0	0.2	0.0	227.3	0.01	99.10
106.0-107.0	0.2	0.0	227.3	0.01	99.11
107.0-108.0	0.2	0.0	227.3	0.01	99.12

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	0.2	0.0	227.3	0.01	99.13
109.0-110.0	0.2	0.0	227.4	0.01	99.14
110.0-111.0	0.2	0.0	227.4	0.01	99.15
111.0-112.0	0.2	0.0	227.4	0.01	99.16
112.0-113.0	0.3	0.0	227.4	0.01	99.18
113.0-114.0	0.3	0.0	227.5	0.01	99.19
114.0-115.0	0.3	0.0	227.5	0.01	99.20
115.0-116.0	0.3	0.0	227.5	0.01	99.21
116.0-117.0	0.3	0.0	227.5	0.01	99.23
117.0-118.0	0.3	0.0	227.6	0.01	99.24
118.0-119.0	0.3	0.0	227.6	0.01	99.25
119.0-120.0	0.3	0.0	227.6	0.01	99.27
120.0-121.0	0.3	0.0	227.7	0.01	99.28
121.0-122.0	0.3	0.0	227.7	0.01	99.29
122.0-123.0	0.4	0.0	227.7	0.01	99.31
123.0-124.0	0.4	0.0	227.8	0.02	99.32
124.0-125.0	0.4	0.0	227.8	0.02	99.34
125.0-126.0	0.4	0.0	227.8	0.02	99.36
126.0-127.0	0.4	0.0	227.9	0.02	99.37
127.0-128.0	0.4	0.0	227.9	0.02	99.39
128.0-129.0	0.4	0.0	228.0	0.02	99.40
129.0-130.0	0.4	0.0	228.0	0.02	99.42
130.0-131.0	0.5	0.0	228.0	0.02	99.44
131.0-132.0	0.5	0.0	228.1	0.02	99.45
132.0-133.0	0.5	0.0	228.1	0.02	99.47
133.0-134.0	0.5	0.0	228.1	0.02	99.49
134.0-135.0	0.5	0.0	228.2	0.02	99.50
135.0-136.0	0.5	0.0	228.2	0.02	99.52
136.0-137.0	0.5	0.0	228.3	0.02	99.54
137.0-138.0	0.5	0.0	228.3	0.02	99.55
138.0-139.0	0.5	0.0	228.3	0.02	99.57
139.0-140.0	0.5	0.0	228.4	0.02	99.59
140.0-141.0	0.6	0.0	228.4	0.02	99.60
141.0-142.0	0.6	0.0	228.4	0.02	99.62
142.0-143.0	0.6	0.0	228.5	0.02	99.64
143.0-144.0	0.6	0.0	228.5	0.02	99.65

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	0.6	0.0	228.6	0.02	99.67
145.0-146.0	0.6	0.0	228.6	0.02	99.68
146.0-147.0	0.6	0.0	228.6	0.02	99.70
147.0-148.0	0.6	0.0	228.7	0.02	99.72
148.0-149.0	0.6	0.0	228.7	0.02	99.73
149.0-150.0	0.6	0.0	228.7	0.02	99.75
150.0-151.0	0.6	0.0	228.8	0.02	99.76
151.0-152.0	0.6	0.0	228.8	0.01	99.78
152.0-153.0	0.6	0.0	228.8	0.01	99.79
153.0-154.0	0.7	0.0	228.9	0.01	99.80
154.0-155.0	0.7	0.0	228.9	0.01	99.82
155.0-156.0	0.7	0.0	228.9	0.01	99.83
156.0-157.0	0.7	0.0	229.0	0.01	99.84
157.0-158.0	0.7	0.0	229.0	0.01	99.86
158.0-159.0	0.7	0.0	229.0	0.01	99.87
159.0-160.0	0.7	0.0	229.0	0.01	99.88
160.0-161.0	0.7	0.0	229.1	0.01	99.89
161.0-162.0	0.7	0.0	229.1	0.01	99.90
162.0-163.0	0.7	0.0	229.1	0.01	99.91
163.0-164.0	0.7	0.0	229.1	0.01	99.92
164.0-165.0	0.7	0.0	229.2	0.01	99.93
165.0-166.0	0.7	0.0	229.2	0.01	99.94
166.0-167.0	0.7	0.0	229.2	0.01	99.95
167.0-168.0	0.7	0.0	229.2	0.01	99.96
168.0-169.0	0.7	0.0	229.2	0.01	99.96
169.0-170.0	0.7	0.0	229.3	0.01	99.97
170.0-171.0	0.7	0.0	229.3	0.01	99.97
171.0-172.0	0.7	0.0	229.3	0.01	99.98
172.0-173.0	0.7	0.0	229.3	0.00	99.98
173.0-174.0	0.8	0.0	229.3	0.00	99.99
174.0-175.0	0.7	0.0	229.3	0.00	99.99
175.0-176.0	0.8	0.0	229.3	0.00	99.99
176.0-177.0	0.8	0.0	229.3	0.00	100.00
177.0-178.0	0.8	0.0	229.3	0.00	100.00
178.0-179.0	0.8	0.0	229.3	0.00	100.00
179.0-180.0	0.8	0.0	229.3	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: