

Report No.:

Test Time: 2023/10/7 10:55

Luminaire Property

Luminaire Manufacturer: Acolyte

Luminaire Category: TRINODE RGB2700K-1W-UCS8904- All on

Luminaire Description: CLEAR FLAT IP67

Lamp Description: 3 nodes R+G+B+W

Luminous Width (mm): 50

Voltage: 24.0 V

Power: 3.11 W

Lamp Catalog: NODE

Luminous Length (mm): 250

Luminous Height (mm): 30

Current: 0.130 A

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 48 lm

Downward Ratio: 98%

Horizontal Diffuse Angle(10%,50%): H150.6,H115.2

Vertical Diffuse Angle(10%,50%): V154.7,V118.6

Luminaire Efficacy Rating (LER): 15

Max. Intensity: 15.82 cd

Total Rated Lamp Lumens: 48.0 lm

Efficiency: 100%

Upward Ratio: 2%

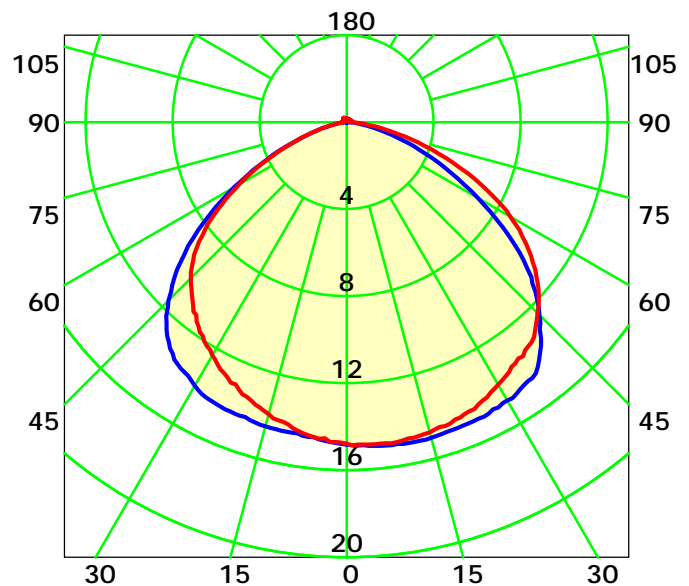
Central Intensity: 15.54 cd

Pos of Max. Intensity: H30 V15

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 116.9° 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

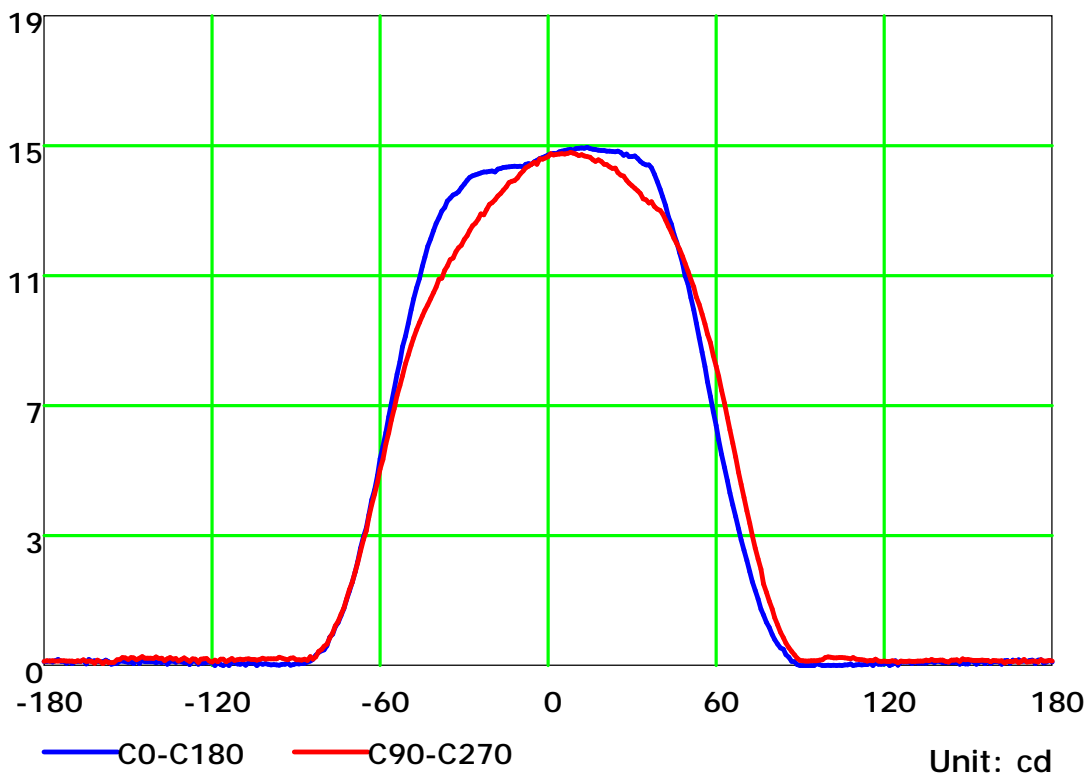
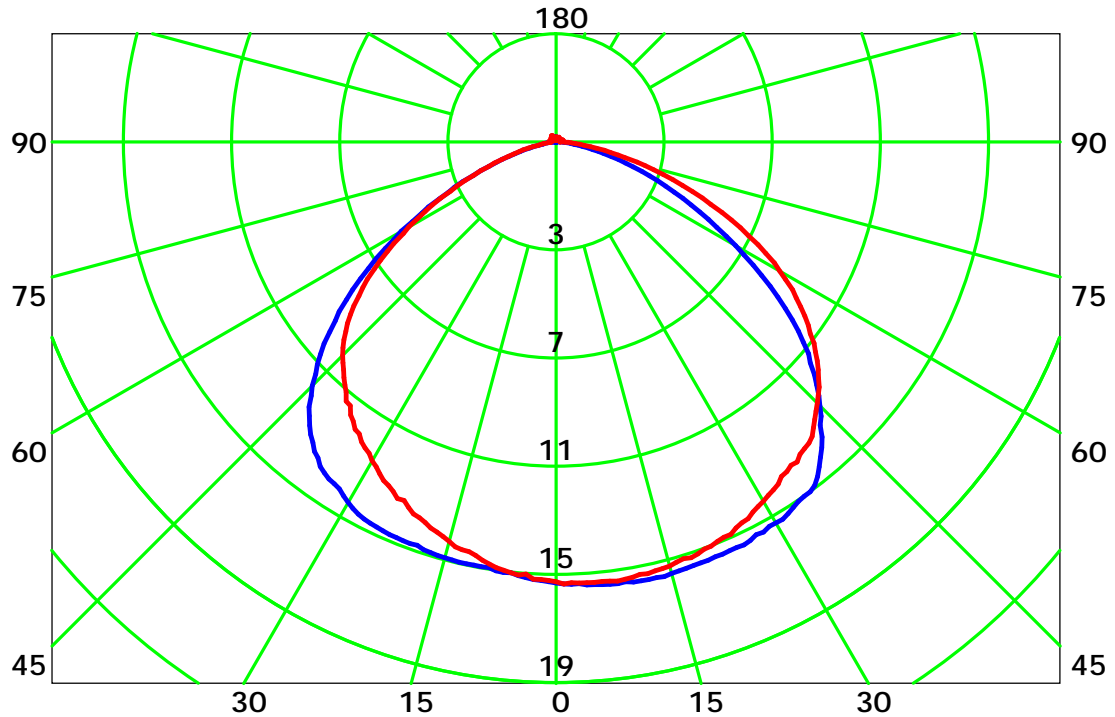
Distance: 9.028 m

Humidity: 60%

Inspector:



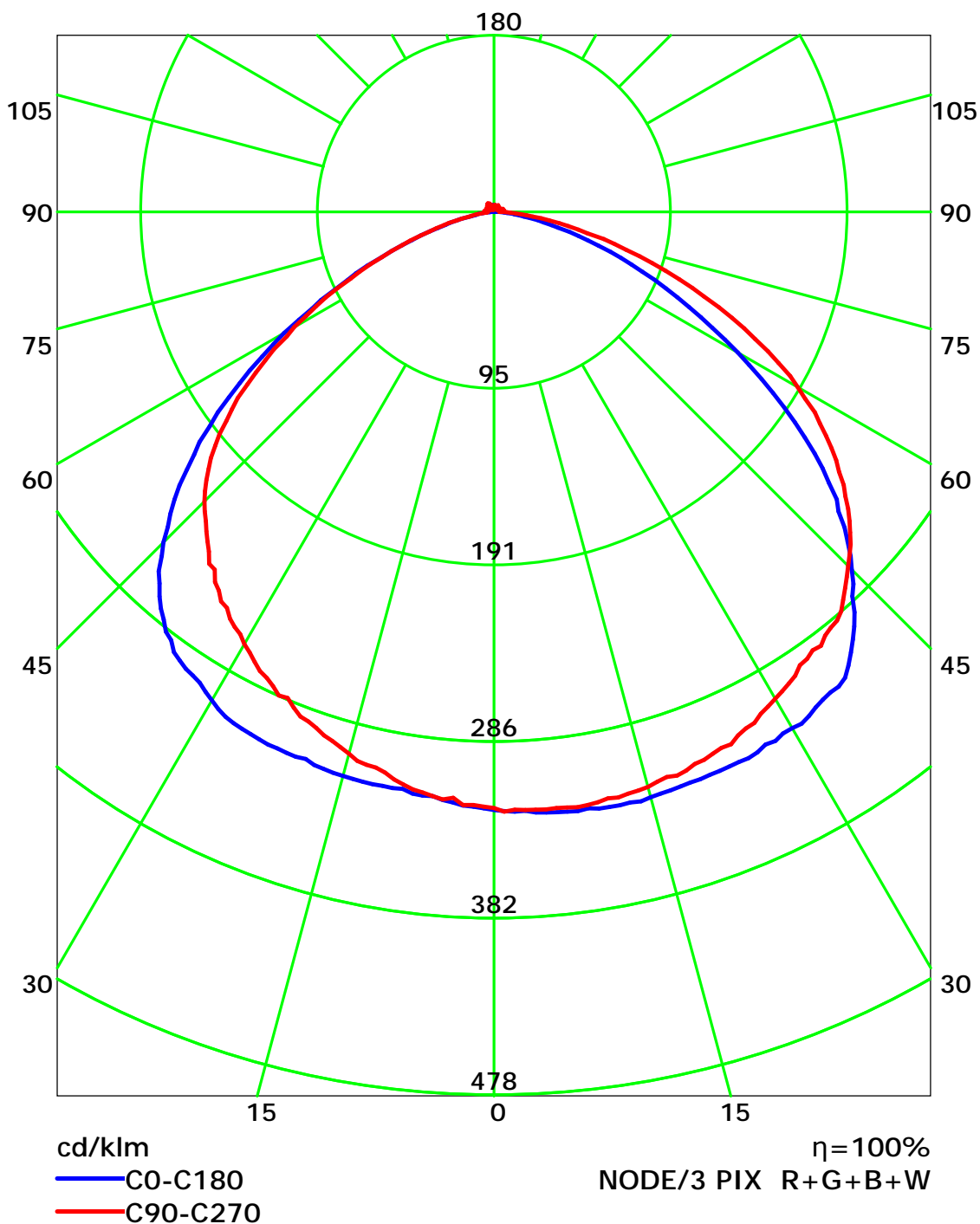
Luminous Intensity Distribution Curve



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:

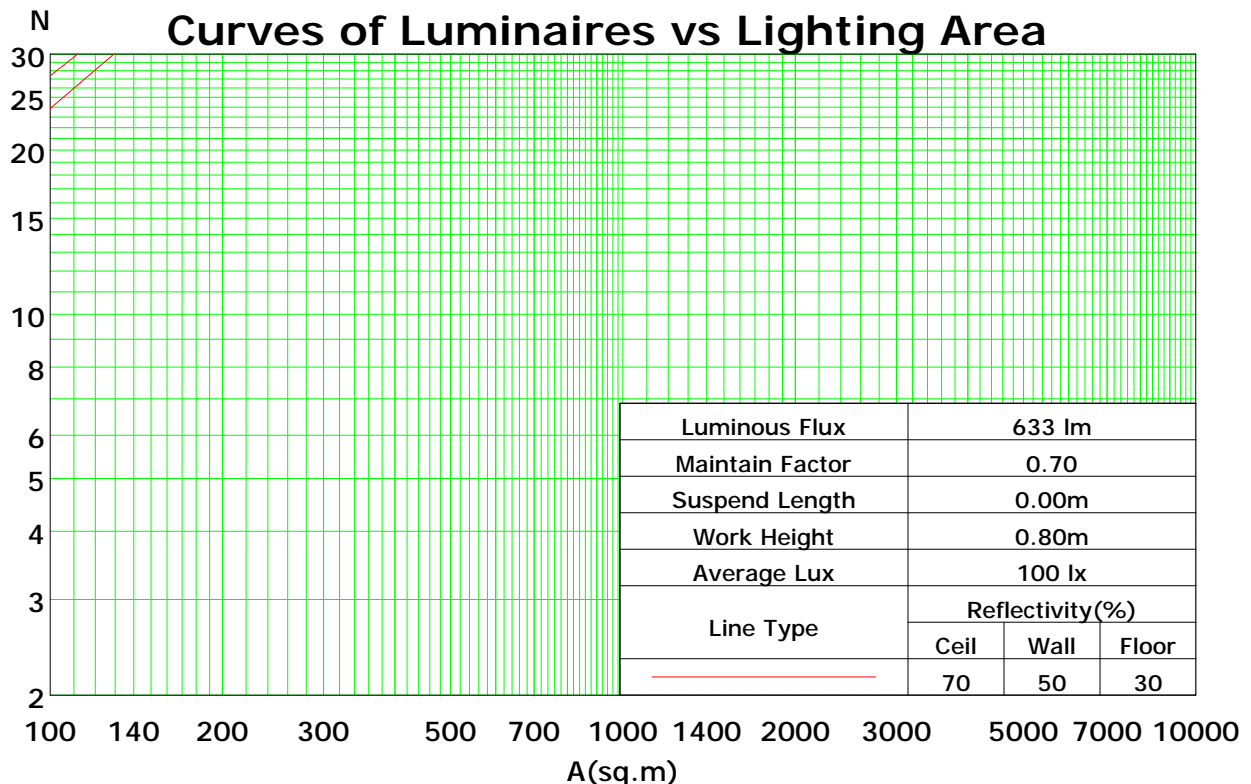
Coefficients Of Utilization - Zonal Cavity Method

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	110	110	110	105	105	105	100	100	100	98
1	109	105	101	97	106	102	98	95	98	95	92	93	91	89	89	87	86	84
2	99	91	85	79	97	89	83	78	86	81	76	82	78	74	79	75	72	70
3	91	80	72	66	88	79	71	65	75	69	64	72	67	63	70	65	61	59
4	83	71	63	56	81	70	62	56	67	60	55	64	58	54	62	57	53	50
5	76	63	55	48	74	62	54	48	60	53	47	58	51	46	56	50	46	44
6	70	57	48	42	68	56	48	42	54	47	41	52	46	40	50	45	40	38
7	65	52	43	37	63	51	42	37	49	42	36	47	41	36	46	40	35	33
8	60	47	38	33	59	46	38	32	45	37	32	43	37	32	42	36	32	30
9	56	43	35	29	55	42	34	29	41	34	29	40	33	29	39	33	28	26
10	53	40	32	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24

Spacing Criteria (0-180): 1.45

Spacing Criteria (90-270): 1.33

Spacing Criteria (Diagonal): 1.50



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

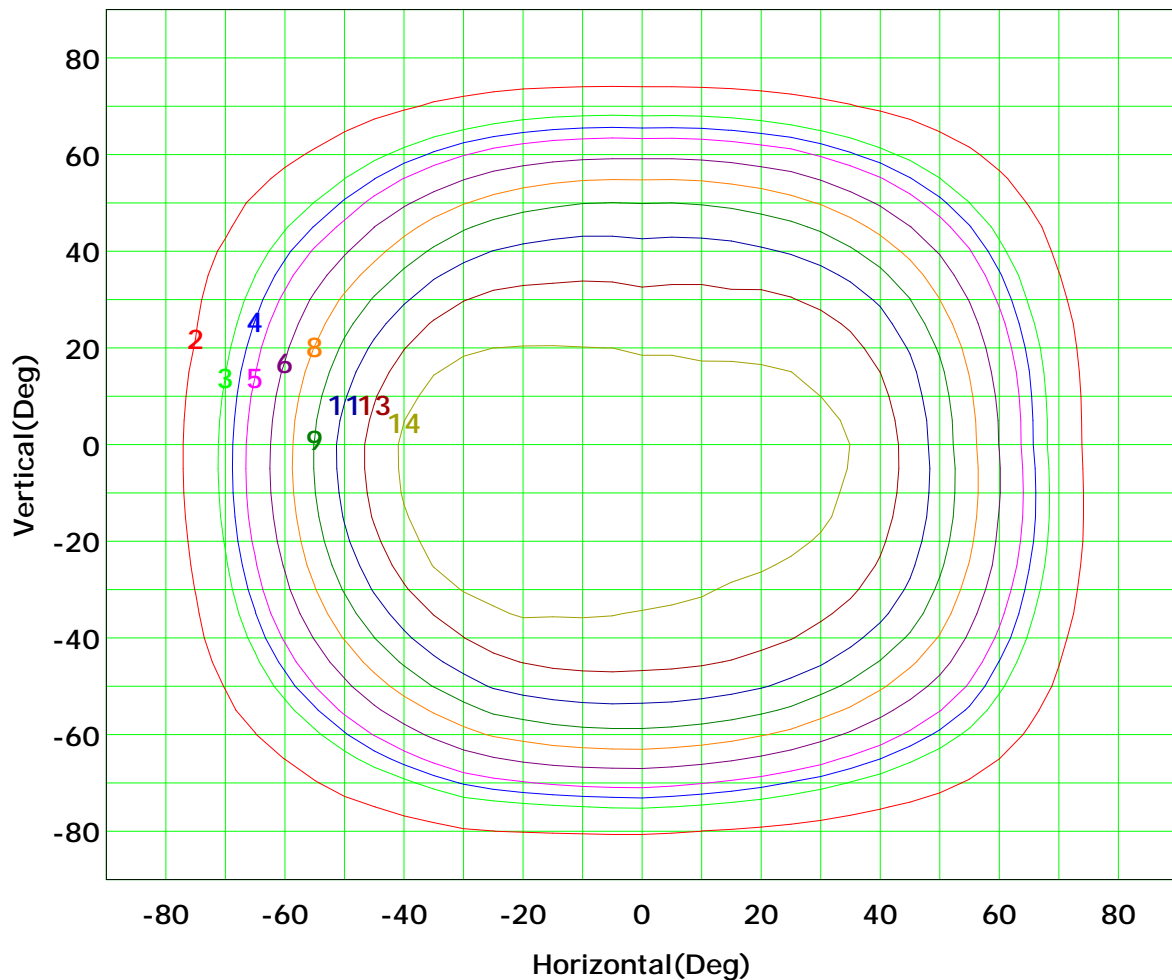
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



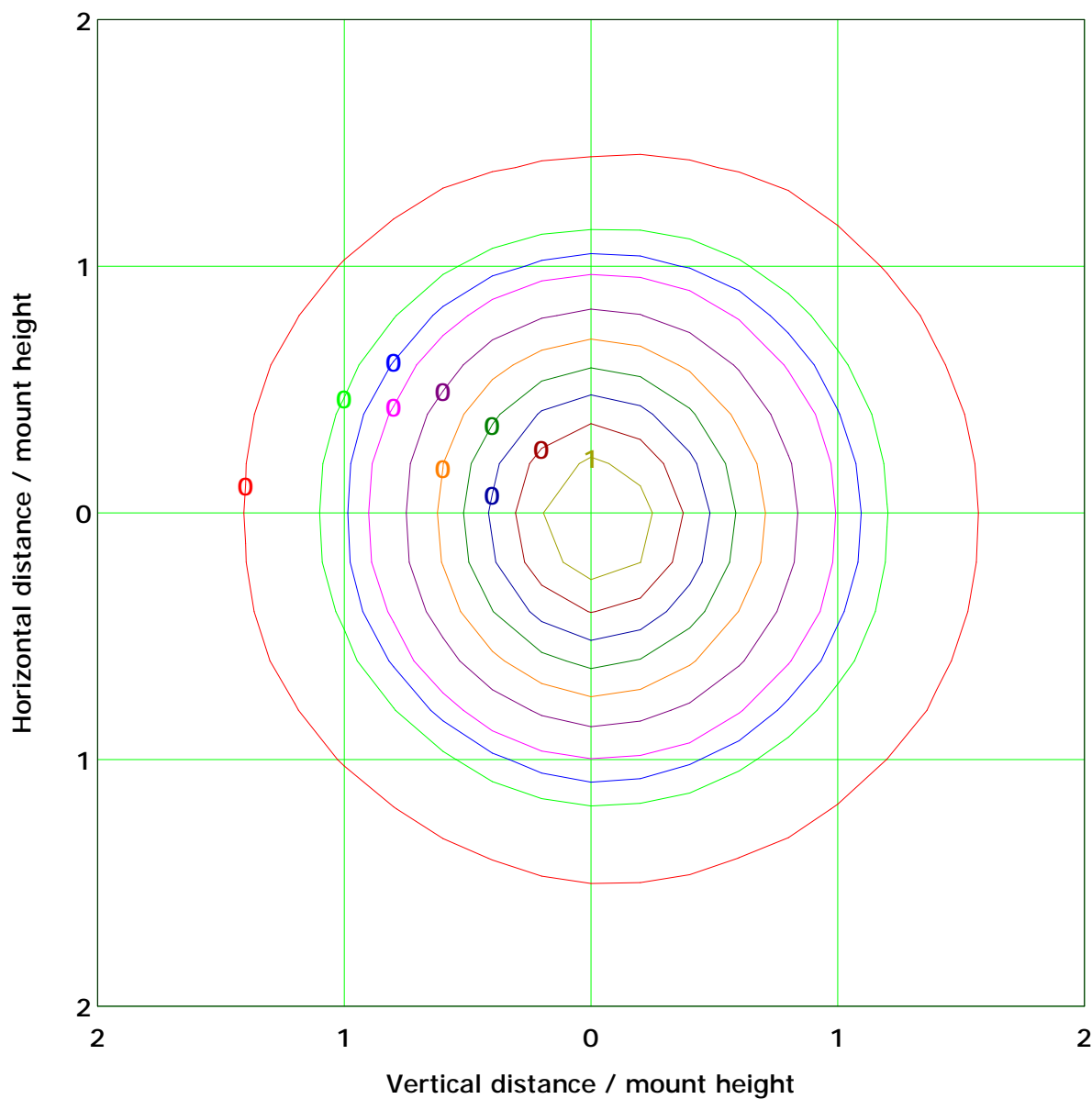
Imax (100%): 16 cd

(10%):	2 cd	(20%):	3 cd
(25%):	4 cd	(30%):	5 cd
(40%):	6 cd	(50%):	8 cd
(60%):	9 cd	(70%):	11 cd
(80%):	13 cd	(90%):	14 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%): 0.6 lx

(10%): 0.1 lx	(20%): 0.1 lx
(25%): 0.2 lx	(30%): 0.2 lx
(40%): 0.2 lx	(50%): 0.3 lx
(60%): 0.4 lx	(70%): 0.4 lx
(80%): 0.5 lx	(90%): 0.6 lx

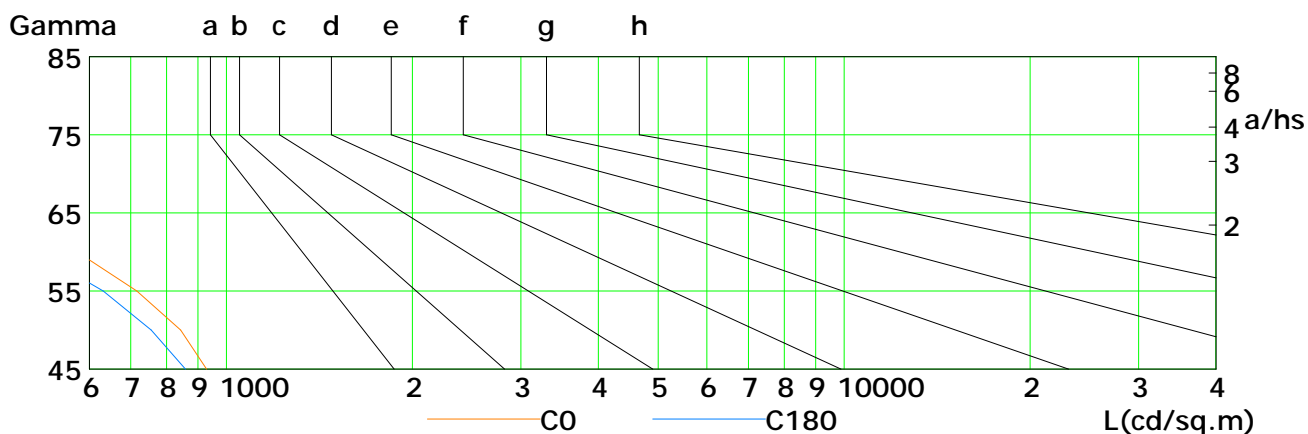
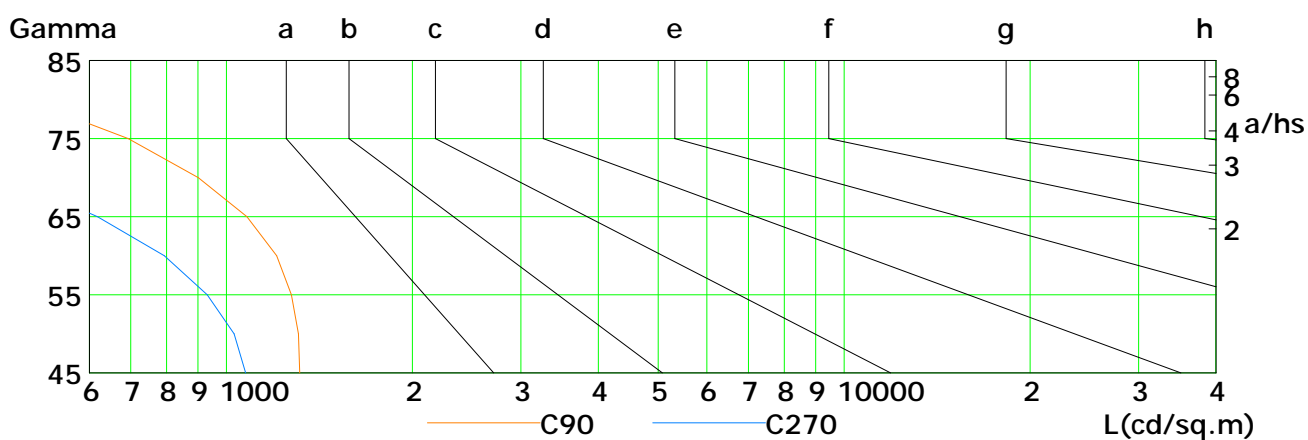
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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

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

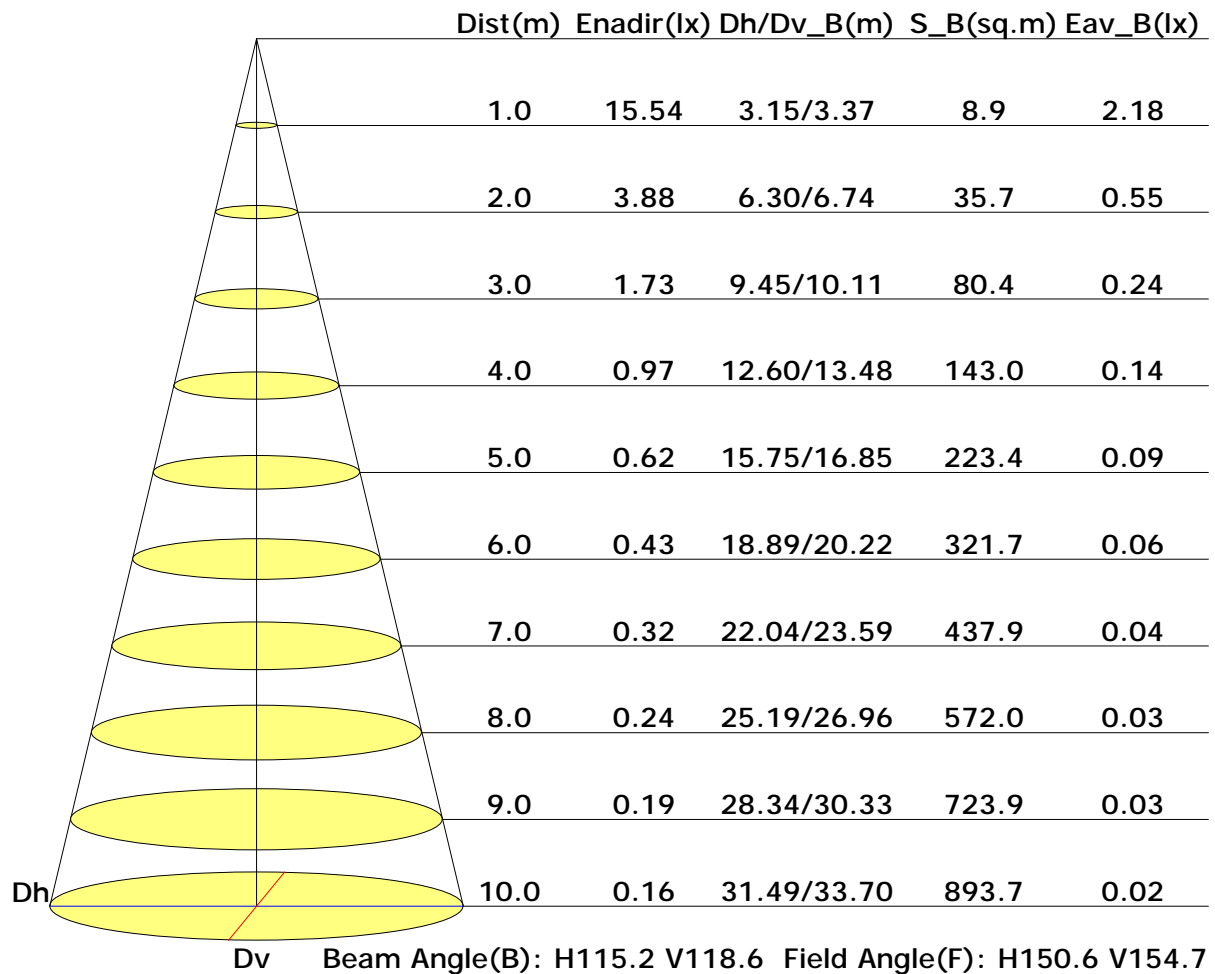


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	929	843	717	574	435	310	194	99	40
C90	1314	1308	1274	1207	1079	901	694	474	267
C180	859	755	632	494	347	224	125	50	16
C270	1075	1029	931	793	619	447	288	162	108

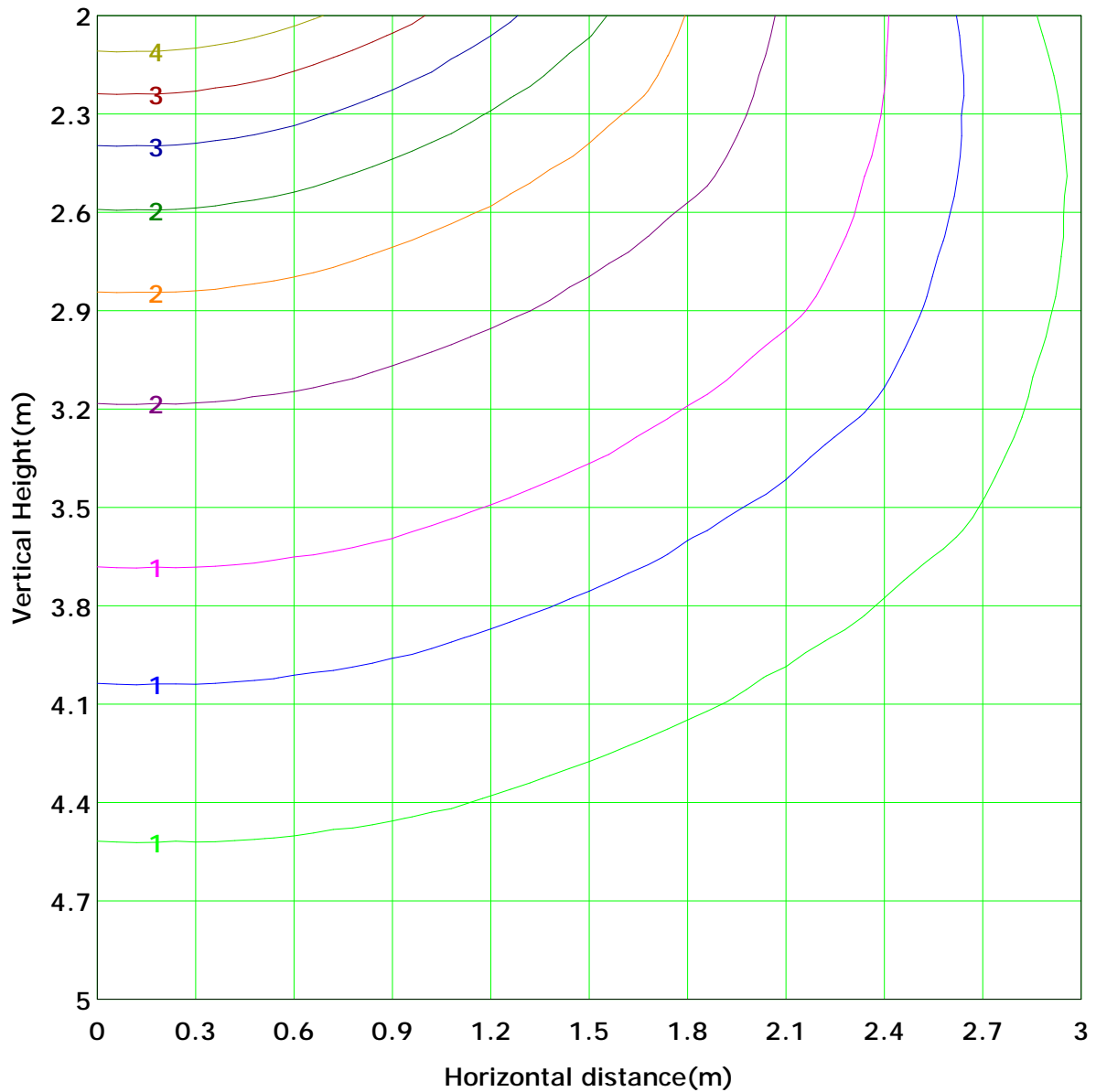
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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: 3.9 lx
(10%): 0.4 lx	(20%): 0.8 lx	(30%): 1.2 lx
(25%): 1.0 lx	(40%): 1.6 lx	(50%): 1.9 lx
(60%): 2.3 lx	(70%): 2.7 lx	(80%): 3.1 lx
(90%): 3.5 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

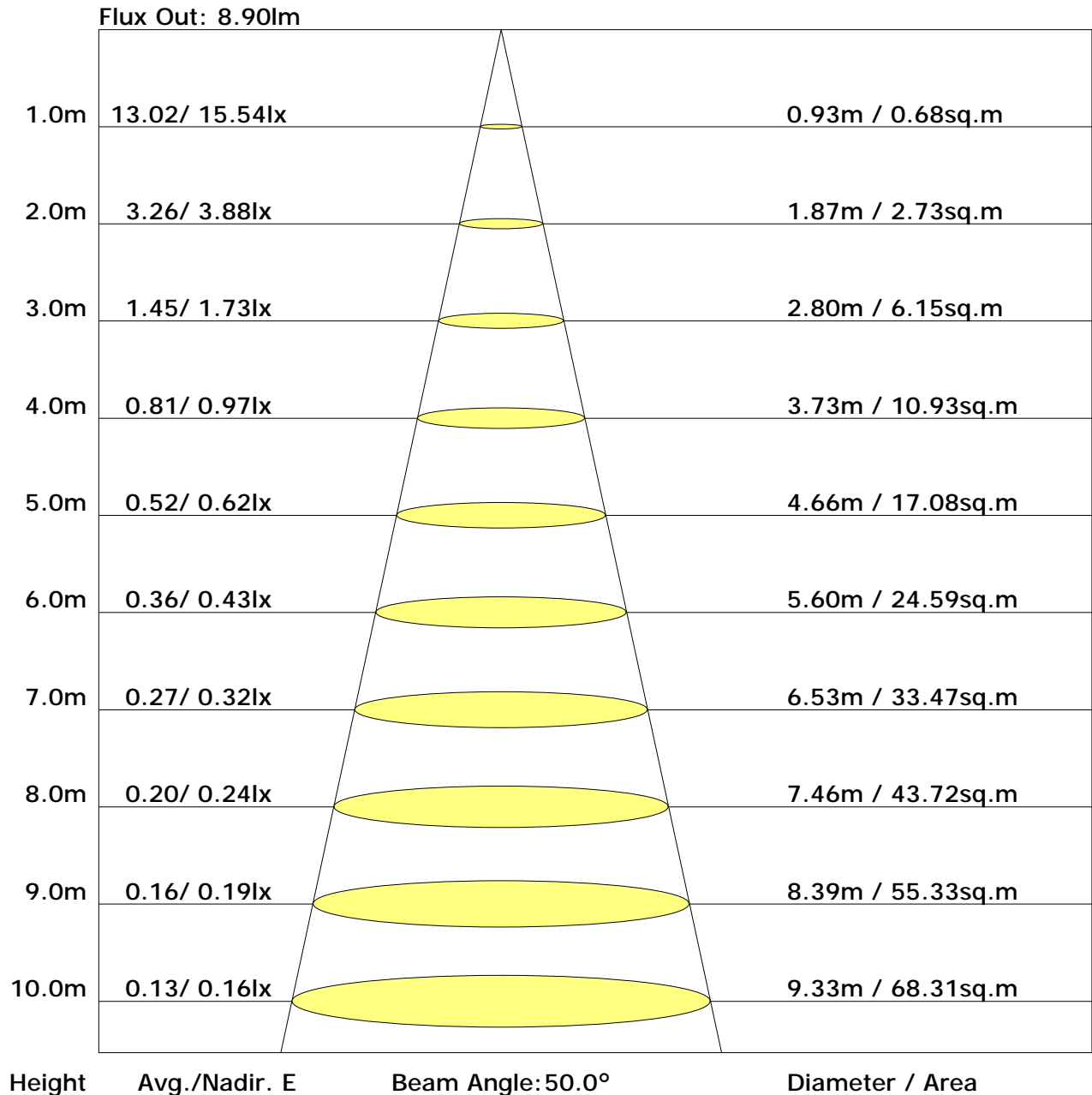
Vertical plane	Horizontal plane																		Flux(T) Flux(E)	Flux(T) Flux(E)	Flux(T) Flux(E)
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80			
-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1
-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	1.0	0.9
-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	1.9	1.8
-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	2.7	2.7
-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	3.3	3.3
-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	3.8	3.8
-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	4.2	4.1
-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	4.4	4.4
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	4.4
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	4.4	4.4
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	4.2	4.2
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	3.9	3.9
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	3.4	3.4
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	2.6	2.6
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	1.7	1.6
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	0.6
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	0.2	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	47	
Flux(E)	0.0	0.0	0.0	0.5	1.4	2.5	3.6	4.4	4.9	5.2	5.3	5.1	4.6	3.8	2.6	1.5	0.6	0.1	0.0		46

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	22.2	23.8	22.6	24.2	24.5	22.5	24.1	22.9	24.4	24.8
3H	23.3	24.7	23.7	25.1	25.5	23.7	25.1	24.1	25.5	25.9
4H	23.6	24.9	24.0	25.3	25.7	24.0	25.4	24.5	25.7	26.2
6H	23.7	24.9	24.1	25.3	25.7	24.2	25.4	24.6	25.8	26.2
8H	23.7	24.8	24.1	25.3	25.7	24.2	25.4	24.6	25.8	26.2
12H	23.7	24.8	24.1	25.2	25.7	24.2	25.3	24.6	25.7	26.2
X=4H Y=2H	22.6	23.9	23.0	24.3	24.7	22.9	24.3	23.4	24.7	25.1
3H	23.7	24.8	24.2	25.3	25.7	24.3	25.4	24.8	25.9	26.3
4H	24.0	25.0	24.5	25.5	26.0	24.7	25.7	25.2	26.2	26.6
6H	24.2	25.1	24.7	25.5	26.0	24.9	25.8	25.4	26.3	26.8
8H	24.2	25.0	24.7	25.5	26.0	24.9	25.8	25.4	26.2	26.7
12H	24.2	24.9	24.7	25.4	26.0	25.0	25.7	25.5	26.2	26.7
X=8H Y=4H	24.1	24.9	24.6	25.4	25.9	24.8	25.6	25.3	26.1	26.6
6H	24.3	24.9	24.8	25.5	26.0	25.0	25.7	25.6	26.2	26.8
8H	24.3	24.9	24.8	25.4	26.0	25.1	25.7	25.6	26.2	26.8
12H	24.3	24.8	24.9	25.4	26.0	25.1	25.7	25.7	26.2	26.8
X=12H Y=4H	24.1	24.8	24.6	25.3	25.8	24.8	25.5	25.3	26.0	26.5
6H	24.3	24.9	24.8	25.4	25.9	25.0	25.6	25.6	26.1	26.7
8H	24.3	24.8	24.8	25.4	26.0	25.1	25.6	25.6	26.2	26.8

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 = 1.50								
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	0.60	0.69	0.77	0.82	0.89	0.94	0.97	1.01	1.04
	0.30		0.53	0.62	0.70	0.76	0.84	0.89	0.93	0.98	1.01
	0.20		0.48	0.56	0.65	0.71	0.79	0.85	0.89	0.94	0.98
0.50	0.50	0.20	0.58	0.67	0.74	0.79	0.86	0.90	0.93	0.97	1.00
	0.30		0.52	0.60	0.68	0.74	0.81	0.86	0.89	0.94	0.97
	0.20		0.47	0.56	0.64	0.69	0.77	0.82	0.86	0.91	0.95
0.30	0.50	0.20	0.57	0.65	0.72	0.76	0.83	0.87	0.90	0.93	0.95
	0.30		0.51	0.59	0.67	0.72	0.79	0.83	0.86	0.91	0.93
	0.20		0.47	0.55	0.63	0.68	0.75	0.80	0.84	0.88	0.91
0.00	0.00	0.00	0.44	0.52	0.60	0.65	0.72	0.76	0.79	0.84	0.86
Rating: 3W 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 = 1.50									
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	0.93	0.78	0.65	0.56	0.44	0.37	0.31	0.24	0.19	
	0.30		0.78	0.67	0.57	0.50	0.40	0.34	0.29	0.23	0.19	
	0.20		0.67	0.58	0.51	0.45	0.37	0.31	0.27	0.21	0.18	
0.50	0.50	0.20	0.89	0.75	0.62	0.54	0.42	0.38	0.30	0.23	0.18	
	0.30		0.76	0.65	0.55	0.48	0.39	0.32	0.28	0.21	0.18	
	0.20		0.66	0.57	0.49	0.44	0.36	0.30	0.26	0.20	0.17	
0.30	0.50	0.20	0.86	0.71	0.59	0.51	0.40	0.33	0.28	0.21	0.17	
	0.30		0.74	0.63	0.53	0.46	0.37	0.31	0.26	0.21	0.17	
	0.20		0.65	0.56	0.48	0.42	0.34	0.29	0.25	0.20	0.16	
0.00	0.00	0.00	0.54	0.46	0.39	0.33	0.26	0.22	0.19	0.14	0.12	
Rating: 3W 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 = 1.50									
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	0.18	0.19	0.20	0.20	0.21	0.22	0.22	0.23	0.23	
	0.30		0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21	
	0.20		0.07	0.08	0.10	0.11	0.13	0.15	0.16	0.18	0.19	
0.50	0.50	0.20	0.17	0.18	0.19	0.20	0.21	0.21	0.22	0.22	0.22	
	0.30		0.11	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	
	0.20		0.07	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.18	
0.30	0.50	0.20	0.17	0.18	0.18	0.19	0.20	0.20	0.21	0.21	0.21	
	0.30		0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	
	0.20		0.07	0.08	0.10	0.11	0.13	0.14	0.15	0.17	0.18	
0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
Rating: 3W 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	15.5	0.0	0.0	0.03	0.03
1.0-2.0	15.5	0.0	0.1	0.09	0.12
2.0-3.0	15.5	0.1	0.1	0.15	0.28
3.0-4.0	15.5	0.1	0.2	0.22	0.49
4.0-5.0	15.5	0.1	0.4	0.28	0.77
5.0-6.0	15.5	0.2	0.5	0.34	1.11
6.0-7.0	15.4	0.2	0.7	0.40	1.51
7.0-8.0	15.4	0.2	0.9	0.46	1.97
8.0-9.0	15.4	0.2	1.2	0.52	2.49
9.0-10.0	15.4	0.3	1.5	0.58	3.07
10.0-11.0	15.3	0.3	1.8	0.64	3.71
11.0-12.0	15.3	0.3	2.1	0.70	4.41
12.0-13.0	15.3	0.4	2.5	0.76	5.16
13.0-14.0	15.3	0.4	2.9	0.81	5.98
14.0-15.0	15.2	0.4	3.3	0.87	6.85
15.0-16.0	15.2	0.4	3.7	0.93	7.78
16.0-17.0	15.2	0.5	4.2	0.98	8.76
17.0-18.0	15.1	0.5	4.7	1.04	9.80
18.0-19.0	15.1	0.5	5.2	1.09	10.89
19.0-20.0	15.0	0.5	5.8	1.15	12.04
20.0-21.0	15.0	0.6	6.4	1.20	13.24
21.0-22.0	14.9	0.6	7.0	1.25	14.49
22.0-23.0	14.9	0.6	7.6	1.30	15.79
23.0-24.0	14.8	0.6	8.2	1.35	17.14
24.0-25.0	14.8	0.7	8.9	1.40	18.54
25.0-26.0	14.7	0.7	9.6	1.45	19.99
26.0-27.0	14.7	0.7	10.3	1.50	21.48
27.0-28.0	14.6	0.7	11.0	1.54	23.02
28.0-29.0	14.5	0.8	11.8	1.58	24.61
29.0-30.0	14.4	0.8	12.6	1.62	26.23
30.0-31.0	14.4	0.8	13.4	1.66	27.90
31.0-32.0	14.3	0.8	14.2	1.70	29.60
32.0-33.0	14.2	0.8	15.0	1.74	31.34
33.0-34.0	14.1	0.9	15.9	1.78	33.12
34.0-35.0	14.0	0.9	16.8	1.81	34.93
35.0-36.0	13.9	0.9	17.6	1.85	36.78

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	13.8	0.9	18.5	1.88	38.66
37.0-38.0	13.7	0.9	19.5	1.91	40.56
38.0-39.0	13.6	0.9	20.4	1.93	42.49
39.0-40.0	13.4	0.9	21.3	1.95	44.45
40.0-41.0	13.3	0.9	22.3	1.97	46.42
41.0-42.0	13.1	0.9	23.2	1.98	48.40
42.0-43.0	12.9	1.0	24.2	1.99	50.38
43.0-44.0	12.6	1.0	25.1	1.99	52.37
44.0-45.0	12.4	1.0	26.1	1.99	54.36
45.0-46.0	12.2	1.0	27.0	1.99	56.34
46.0-47.0	11.9	1.0	28.0	1.98	58.32
47.0-48.0	11.7	0.9	28.9	1.97	60.29
48.0-49.0	11.4	0.9	29.9	1.95	62.25
49.0-50.0	11.1	0.9	30.8	1.94	64.18
50.0-51.0	10.8	0.9	31.7	1.91	66.09
51.0-52.0	10.5	0.9	32.6	1.88	67.97
52.0-53.0	10.2	0.9	33.5	1.85	69.82
53.0-54.0	9.8	0.9	34.4	1.81	71.63
54.0-55.0	9.5	0.8	35.2	1.77	73.40
55.0-56.0	9.1	0.8	36.0	1.72	75.11
56.0-57.0	8.7	0.8	36.8	1.66	76.78
57.0-58.0	8.3	0.8	37.6	1.61	78.38
58.0-59.0	8.0	0.7	38.4	1.55	79.93
59.0-60.0	7.6	0.7	39.1	1.49	81.42
60.0-61.0	7.2	0.7	39.8	1.42	82.84
61.0-62.0	6.7	0.7	40.4	1.35	84.20
62.0-63.0	6.3	0.6	41.0	1.29	85.49
63.0-64.0	6.0	0.6	41.6	1.22	86.71
64.0-65.0	5.6	0.6	42.2	1.15	87.85
65.0-66.0	5.2	0.5	42.7	1.08	88.93
66.0-67.0	4.8	0.5	43.2	1.01	89.93
67.0-68.0	4.4	0.4	43.6	0.93	90.87
68.0-69.0	4.1	0.4	44.0	0.86	91.73
69.0-70.0	3.7	0.4	44.4	0.79	92.52
70.0-71.0	3.4	0.3	44.7	0.73	93.25
71.0-72.0	3.0	0.3	45.1	0.66	93.91

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	2.7	0.3	45.3	0.59	94.50
73.0-74.0	2.4	0.3	45.6	0.53	95.04
74.0-75.0	2.2	0.2	45.8	0.47	95.51
75.0-76.0	1.9	0.2	46.0	0.42	95.93
76.0-77.0	1.7	0.2	46.2	0.37	96.30
77.0-78.0	1.4	0.2	46.4	0.32	96.62
78.0-79.0	1.2	0.1	46.5	0.28	96.89
79.0-80.0	1.0	0.1	46.6	0.24	97.13
80.0-81.0	0.9	0.1	46.7	0.20	97.33
81.0-82.0	0.7	0.1	46.8	0.17	97.50
82.0-83.0	0.6	0.1	46.8	0.14	97.63
83.0-84.0	0.5	0.1	46.9	0.11	97.75
84.0-85.0	0.4	0.0	46.9	0.09	97.84
85.0-86.0	0.3	0.0	47.0	0.07	97.91
86.0-87.0	0.2	0.0	47.0	0.06	97.97
87.0-88.0	0.2	0.0	47.0	0.04	98.01
88.0-89.0	0.2	0.0	47.0	0.04	98.05
89.0-90.0	0.1	0.0	47.1	0.03	98.07
90.0-91.0	0.1	0.0	47.1	0.03	98.10
91.0-92.0	0.1	0.0	47.1	0.03	98.13
92.0-93.0	0.1	0.0	47.1	0.03	98.15
93.0-94.0	0.1	0.0	47.1	0.03	98.18
94.0-95.0	0.1	0.0	47.1	0.03	98.21
95.0-96.0	0.1	0.0	47.1	0.03	98.25
96.0-97.0	0.1	0.0	47.2	0.03	98.28
97.0-98.0	0.1	0.0	47.2	0.03	98.31
98.0-99.0	0.2	0.0	47.2	0.04	98.35
99.0-100.0	0.2	0.0	47.2	0.04	98.38
100.0-101.0	0.2	0.0	47.2	0.04	98.42
101.0-102.0	0.2	0.0	47.2	0.04	98.46
102.0-103.0	0.2	0.0	47.3	0.04	98.49
103.0-104.0	0.2	0.0	47.3	0.04	98.53
104.0-105.0	0.2	0.0	47.3	0.04	98.56
105.0-106.0	0.2	0.0	47.3	0.04	98.60
106.0-107.0	0.2	0.0	47.3	0.04	98.64
107.0-108.0	0.2	0.0	47.3	0.04	98.67

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	47.4	0.03	98.70
109.0-110.0	0.2	0.0	47.4	0.03	98.74
110.0-111.0	0.2	0.0	47.4	0.03	98.77
111.0-112.0	0.1	0.0	47.4	0.03	98.80
112.0-113.0	0.1	0.0	47.4	0.03	98.83
113.0-114.0	0.1	0.0	47.4	0.03	98.86
114.0-115.0	0.1	0.0	47.4	0.03	98.88
115.0-116.0	0.1	0.0	47.5	0.03	98.91
116.0-117.0	0.1	0.0	47.5	0.03	98.94
117.0-118.0	0.1	0.0	47.5	0.03	98.97
118.0-119.0	0.1	0.0	47.5	0.02	98.99
119.0-120.0	0.1	0.0	47.5	0.03	99.01
120.0-121.0	0.1	0.0	47.5	0.03	99.04
121.0-122.0	0.1	0.0	47.5	0.03	99.07
122.0-123.0	0.1	0.0	47.5	0.03	99.09
123.0-124.0	0.1	0.0	47.6	0.03	99.12
124.0-125.0	0.1	0.0	47.6	0.02	99.14
125.0-126.0	0.1	0.0	47.6	0.02	99.17
126.0-127.0	0.2	0.0	47.6	0.03	99.19
127.0-128.0	0.1	0.0	47.6	0.03	99.22
128.0-129.0	0.1	0.0	47.6	0.02	99.25
129.0-130.0	0.1	0.0	47.6	0.03	99.27
130.0-131.0	0.1	0.0	47.6	0.03	99.30
131.0-132.0	0.1	0.0	47.7	0.03	99.32
132.0-133.0	0.1	0.0	47.7	0.02	99.35
133.0-134.0	0.2	0.0	47.7	0.03	99.37
134.0-135.0	0.2	0.0	47.7	0.03	99.40
135.0-136.0	0.2	0.0	47.7	0.03	99.43
136.0-137.0	0.2	0.0	47.7	0.03	99.45
137.0-138.0	0.2	0.0	47.7	0.02	99.48
138.0-139.0	0.2	0.0	47.7	0.03	99.50
139.0-140.0	0.2	0.0	47.8	0.03	99.53
140.0-141.0	0.2	0.0	47.8	0.02	99.55
141.0-142.0	0.2	0.0	47.8	0.02	99.58
142.0-143.0	0.2	0.0	47.8	0.02	99.60
143.0-144.0	0.2	0.0	47.8	0.02	99.62

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	0.2	0.0	47.8	0.02	99.64
145.0-146.0	0.2	0.0	47.8	0.02	99.66
146.0-147.0	0.2	0.0	47.8	0.02	99.69
147.0-148.0	0.2	0.0	47.8	0.02	99.71
148.0-149.0	0.2	0.0	47.9	0.02	99.73
149.0-150.0	0.2	0.0	47.9	0.02	99.74
150.0-151.0	0.2	0.0	47.9	0.02	99.76
151.0-152.0	0.2	0.0	47.9	0.02	99.78
152.0-153.0	0.2	0.0	47.9	0.02	99.80
153.0-154.0	0.2	0.0	47.9	0.02	99.81
154.0-155.0	0.2	0.0	47.9	0.02	99.83
155.0-156.0	0.1	0.0	47.9	0.01	99.84
156.0-157.0	0.1	0.0	47.9	0.01	99.86
157.0-158.0	0.2	0.0	47.9	0.01	99.87
158.0-159.0	0.1	0.0	47.9	0.01	99.88
159.0-160.0	0.1	0.0	47.9	0.01	99.89
160.0-161.0	0.1	0.0	47.9	0.01	99.90
161.0-162.0	0.1	0.0	47.9	0.01	99.91
162.0-163.0	0.1	0.0	47.9	0.01	99.92
163.0-164.0	0.1	0.0	48.0	0.01	99.93
164.0-165.0	0.1	0.0	48.0	0.01	99.94
165.0-166.0	0.1	0.0	48.0	0.01	99.95
166.0-167.0	0.1	0.0	48.0	0.01	99.95
167.0-168.0	0.1	0.0	48.0	0.01	99.96
168.0-169.0	0.1	0.0	48.0	0.01	99.97
169.0-170.0	0.1	0.0	48.0	0.01	99.97
170.0-171.0	0.1	0.0	48.0	0.01	99.98
171.0-172.0	0.1	0.0	48.0	0.00	99.98
172.0-173.0	0.1	0.0	48.0	0.00	99.99
173.0-174.0	0.1	0.0	48.0	0.00	99.99
174.0-175.0	0.1	0.0	48.0	0.00	99.99
175.0-176.0	0.2	0.0	48.0	0.00	100.00
176.0-177.0	0.1	0.0	48.0	0.00	100.00
177.0-178.0	0.1	0.0	48.0	0.00	100.00
178.0-179.0	0.1	0.0	48.0	0.00	100.00
179.0-180.0	0.1	0.0	48.0	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: