ACOLYTE
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Report No.: **Test Time: 2020/11/17 10:17**

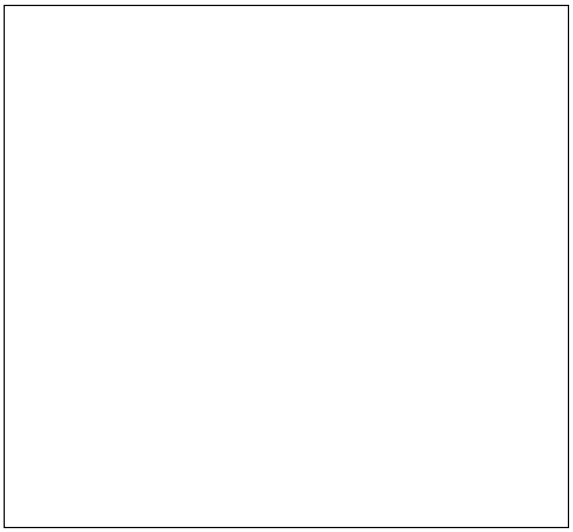
Luminaire Property

Luminaire Manufacturer:
Luminaire Category: Silhouette 3.0
Luminaire Description: RB0RGB203.0RGB-8N
Lamp Catalog: 8N-GREEN **Lamp Description: 3528RGB**
Number of Lamps: 126/M **Luminous Length (mm): 500**
Luminous Width (mm): 6 **Luminous Height (mm): 12**
Voltage: 24.0 V **Current: 0.073 A**
Power: 1.74 W **Power Factor: 1.000**

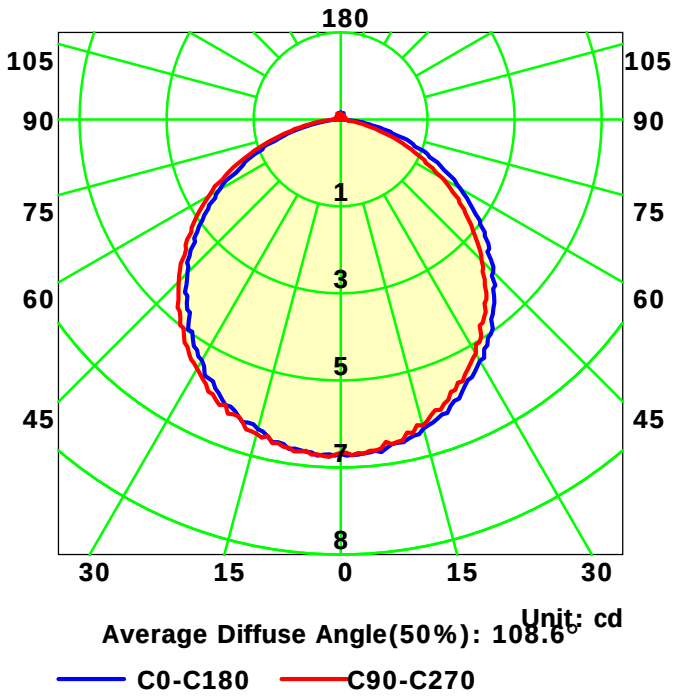
Photometric Results

CIE Class: Direct **Total Rated Lamp Lumens: 19.1 lm**
Measurement Flux: 19.1 lm **Efficiency: 100%**
Downward Ratio: 98% **Upward Ratio: 2%**
Horizontal Diffuse Angle(10%,50%): H157.8,H109.1
Vertical Diffuse Angle(10%,50%): V156,V108
Luminaire Efficacy Rating (LER): 11 **Central Intensity: 6.91 cd**
Max. Intensity: 6.99 cd **Pos of Max. Intensity: H210 V7**

Picture Of Luminaire

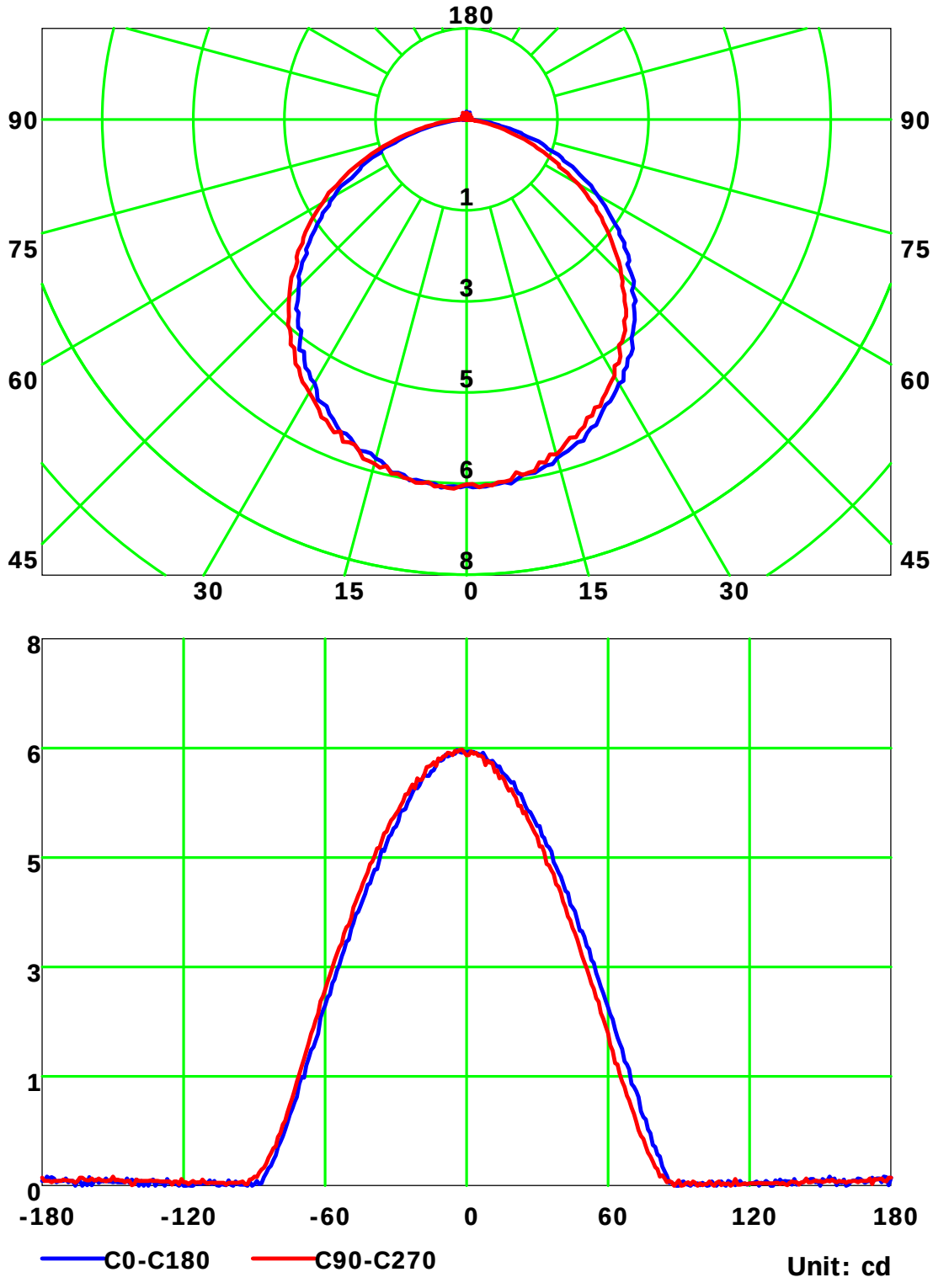


Luminous Intensity Distribution Curve



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

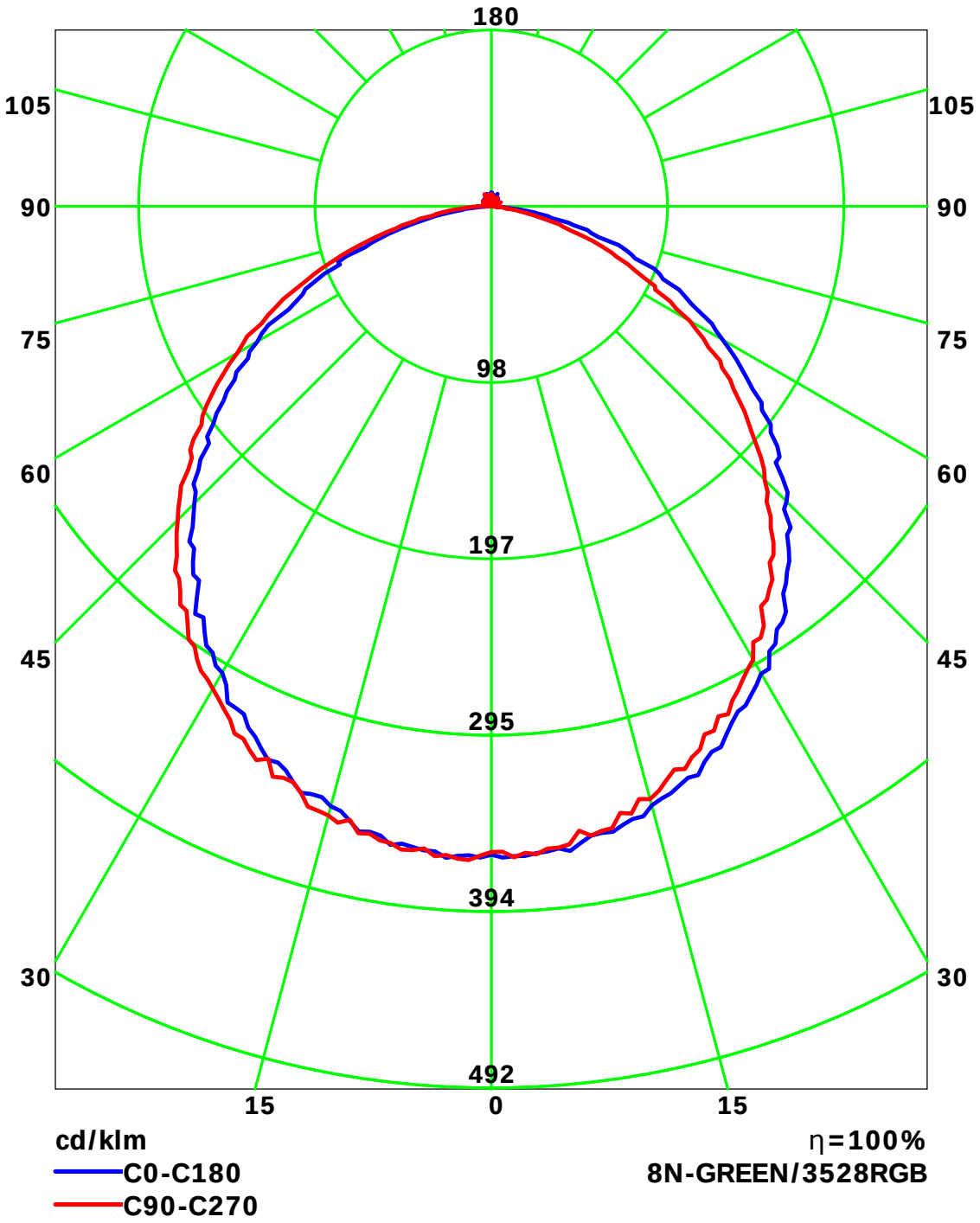
Luminous Intensity Distribution Curve



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

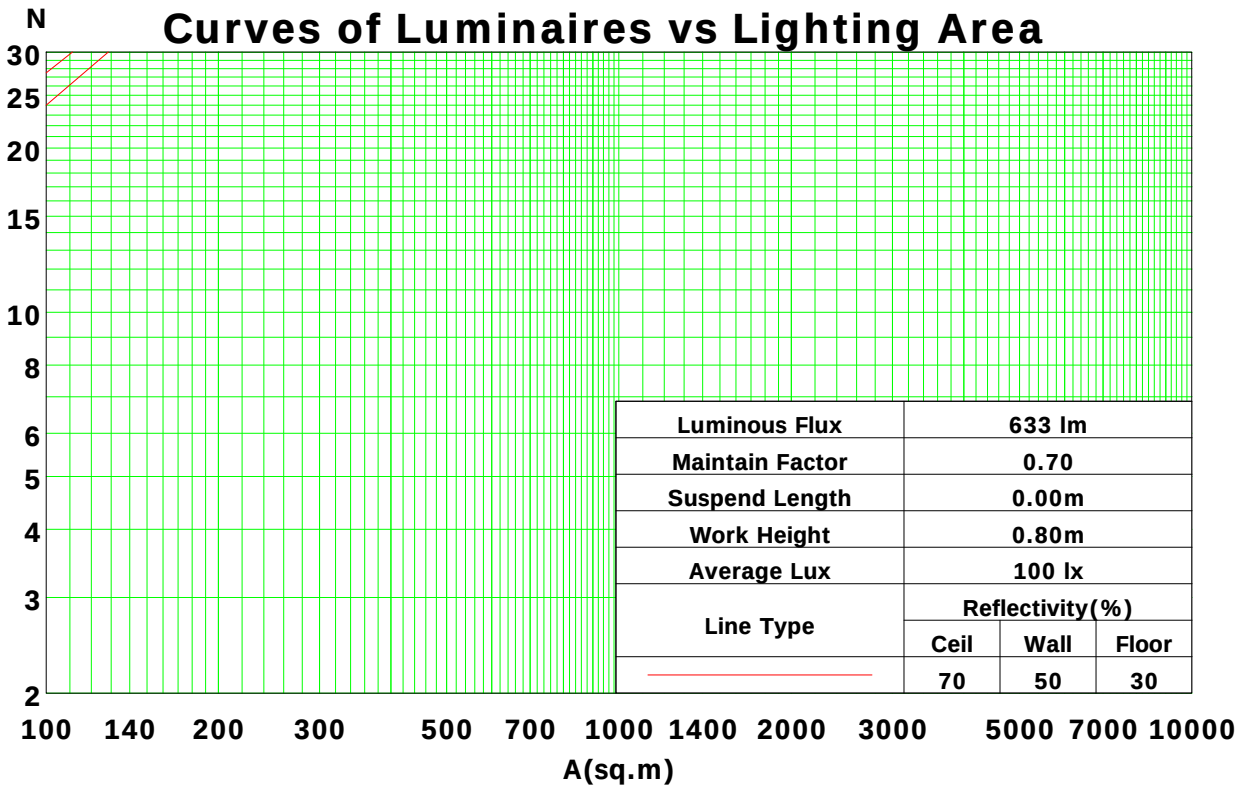
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:

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	104	100	96	106	102	98	95	97	94	91	93	90	88	89	87	85	83
2	99	91	84	79	96	89	83	78	85	80	76	82	77	74	78	75	72	70
3	90	80	72	66	88	78	71	65	75	69	64	72	67	62	69	65	61	59
4	83	71	62	56	80	70	62	55	67	60	54	64	58	53	62	57	53	50
5	76	64	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	41	51	45	40	38
7	65	52	43	37	63	51	43	37	49	42	37	48	41	36	46	40	36	34
8	61	47	39	33	59	47	39	33	45	38	33	44	37	32	42	37	32	30
9	57	43	35	30	55	43	35	30	42	34	29	40	34	29	39	33	29	27
10	53	40	32	27	52	40	32	27	38	32	27	37	31	27	36	31	26	25

Spacing Criteria (0-180): 1.24
Spacing Criteria (90-270): 1.25
Spacing Criteria (Diagonal): 1.35

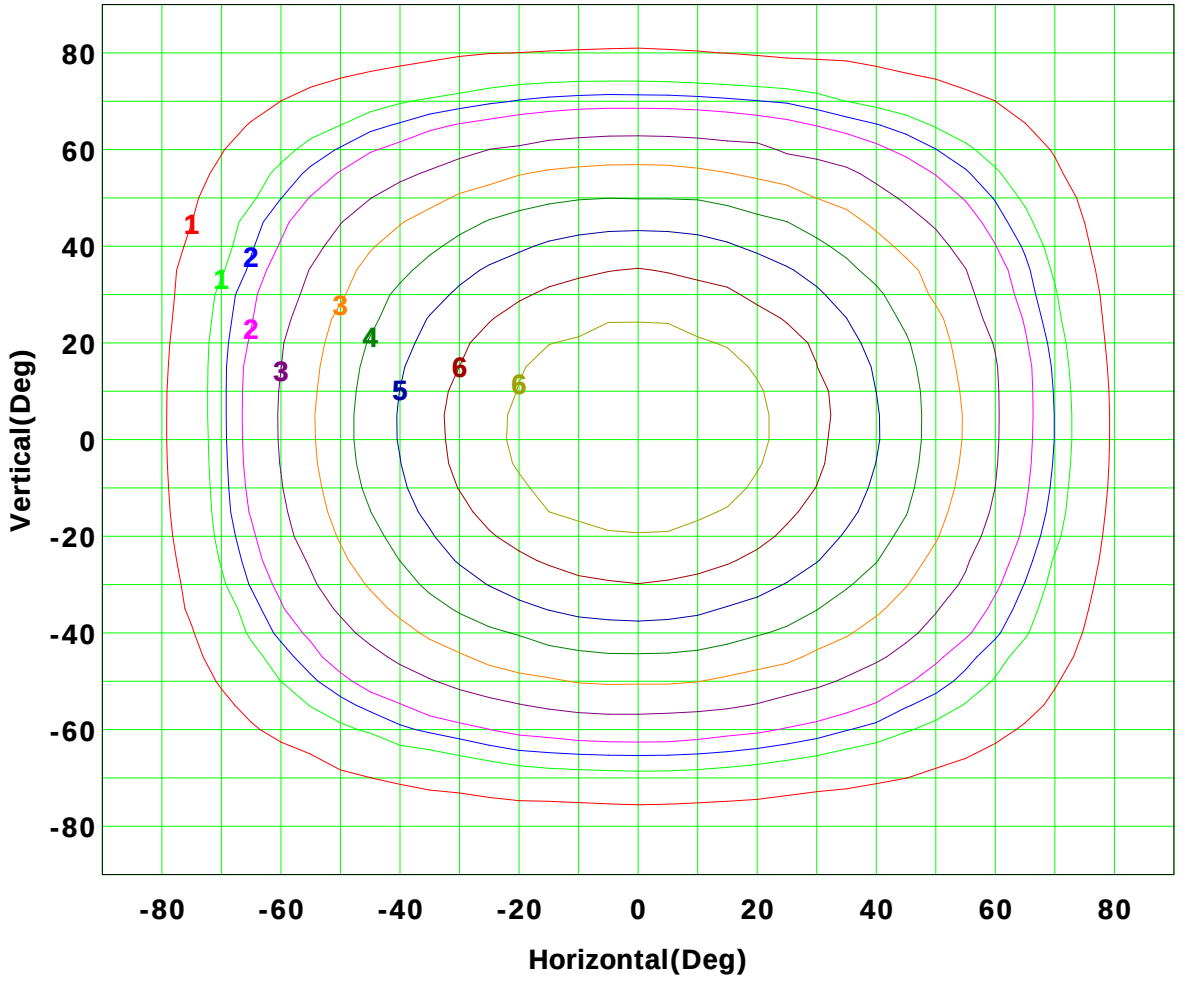
Curves of Luminaires vs Lighting Area



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)



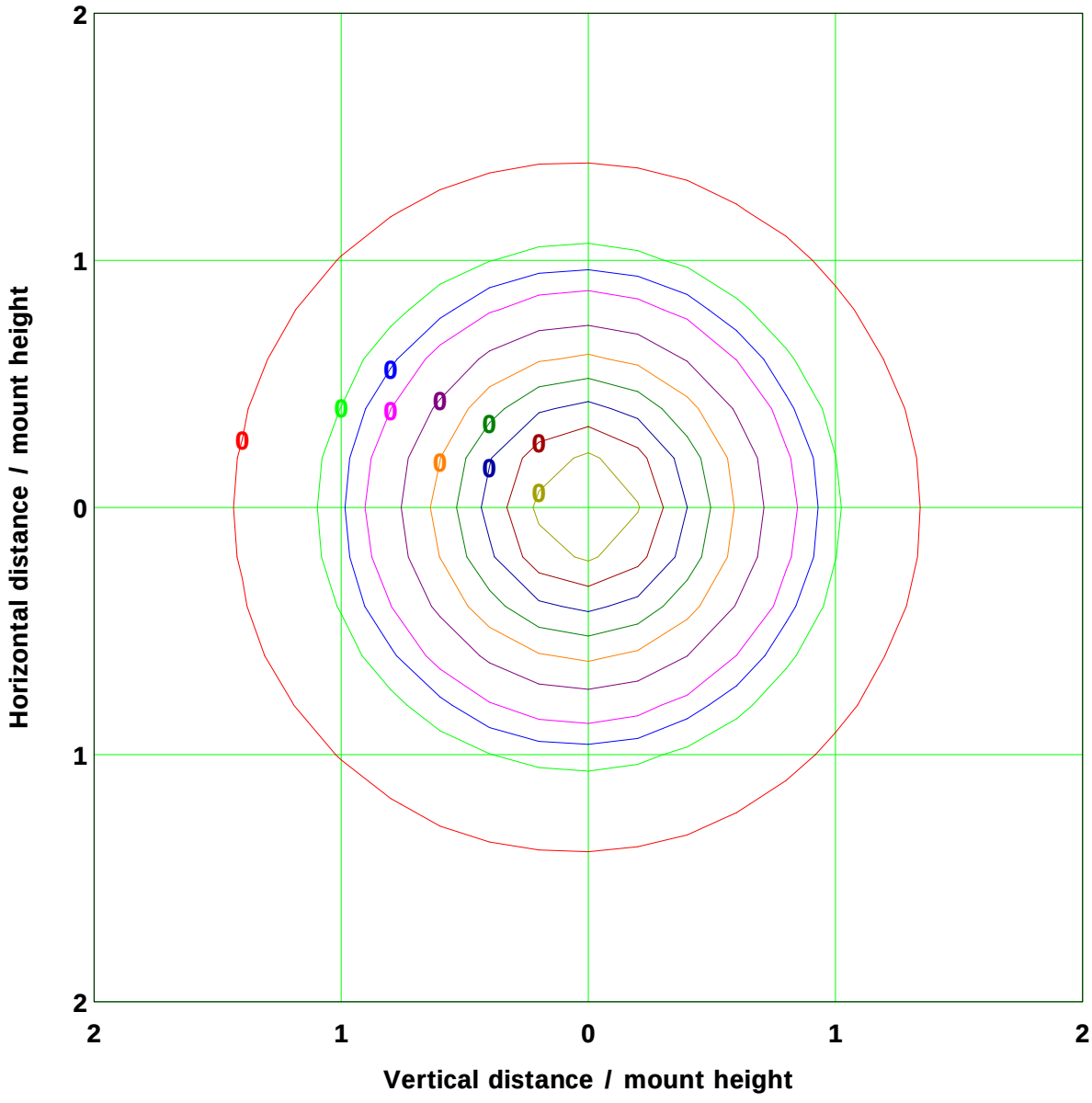
Imax (100%): 7 cd

(10%):	1 cd	(20%):	1 cd
(25%):	2 cd	(30%):	2 cd
(40%):	3 cd	(50%):	3 cd
(60%):	4 cd	(70%):	5 cd
(80%):	6 cd	(90%):	6 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%): 0.3 lx

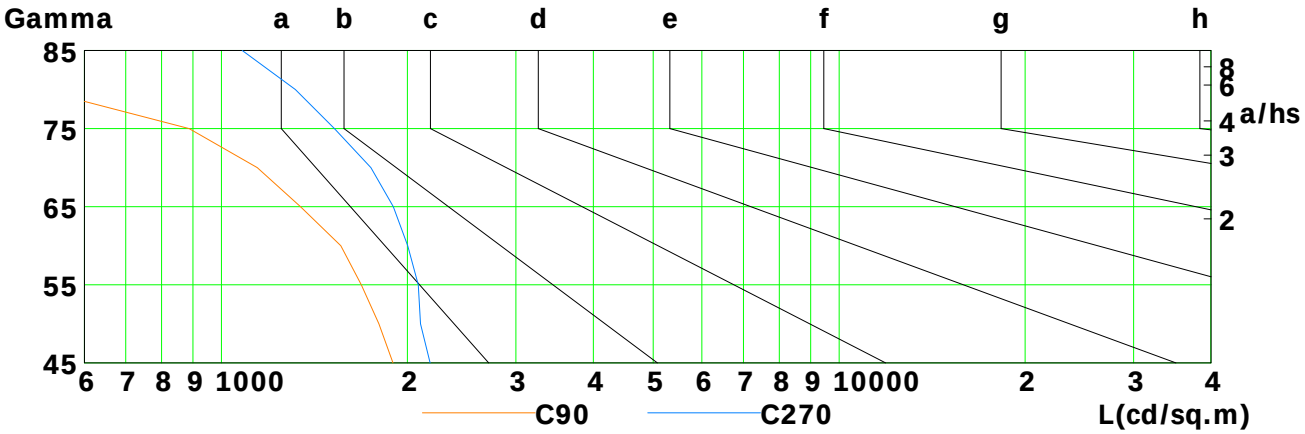
(10%): 0.0 lx	(20%): 0.1 lx
(25%): 0.1 lx	(30%): 0.1 lx
(40%): 0.1 lx	(50%): 0.1 lx
(60%): 0.2 lx	(70%): 0.2 lx
(80%): 0.2 lx	(90%): 0.3 lx

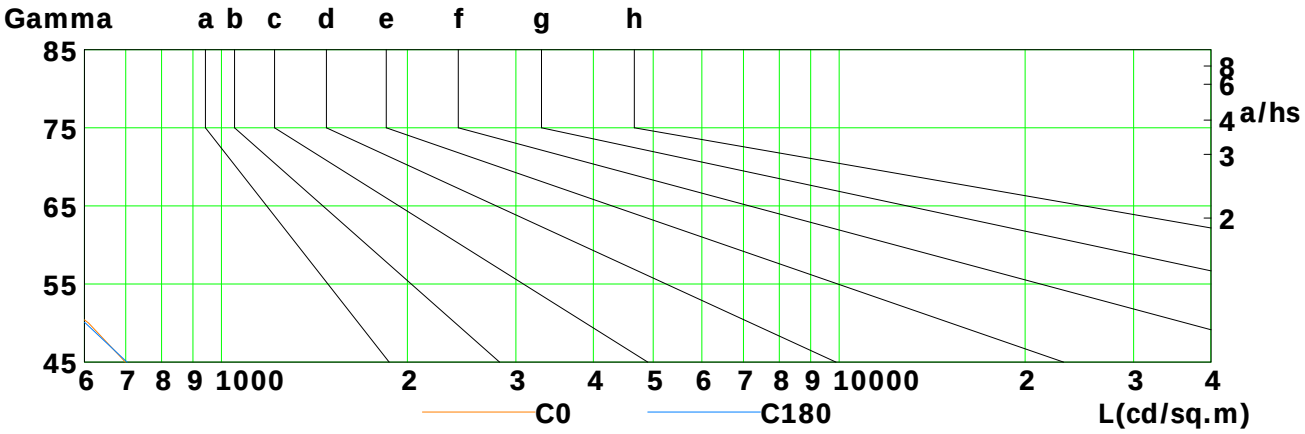
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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



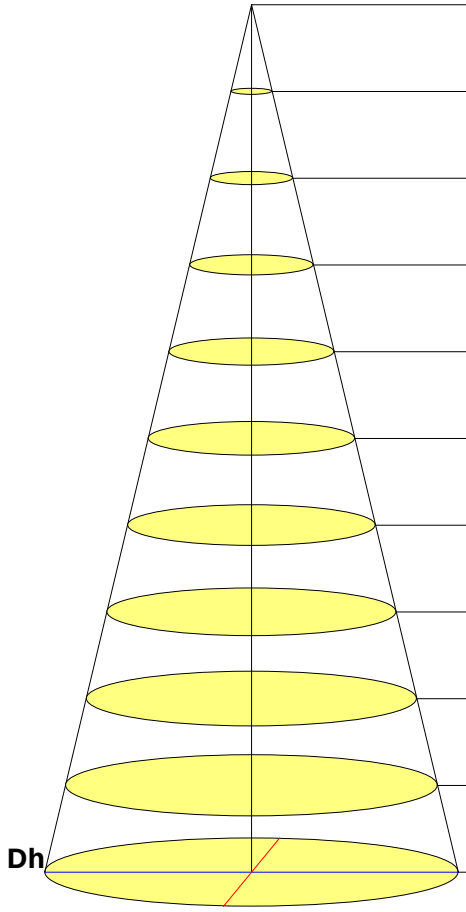


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	699	610	512	426	340	245	167	96	26
C90	1897	1800	1686	1562	1343	1143	887	507	180
C180	704	602	518	430	331	261	173	96	34
C270	2177	2102	2085	2003	1898	1746	1525	1318	1080

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



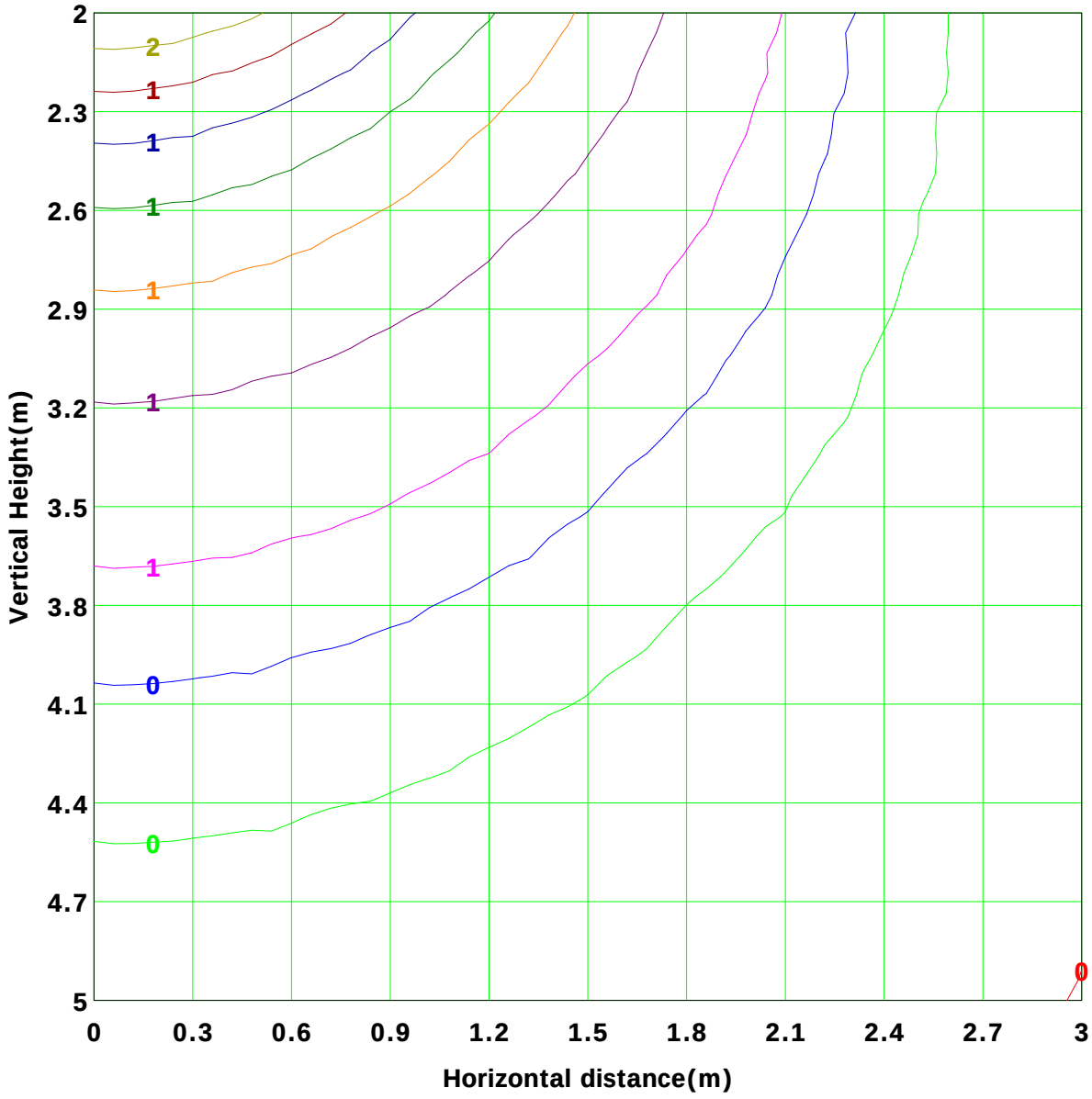
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	6.91	2.81/2.75	6.1	1.23
2.0	1.73	5.62/5.51	24.5	0.31
3.0	0.77	8.43/8.26	55.2	0.14
4.0	0.43	11.24/11.02	98.1	0.08
5.0	0.28	14.05/13.77	153.2	0.05
6.0	0.19	16.86/16.53	220.6	0.03
7.0	0.14	19.67/19.28	300.3	0.03
8.0	0.11	22.48/22.04	392.2	0.02
9.0	0.09	25.29/24.79	496.4	0.02
10.0	0.07	28.10/27.55	612.9	0.01

Beam Angle(B): H109.1 V108.0 Field Angle(F): H157.8 V156.0

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:

Vertical IsoLux Plot



Lowest(m): 2.0m		**Highest(m): 5.0m**	**Max Lux: 1.7 lx**
(10%): 0.2 lx		**(20%): 0.3 lx**	
(25%): 0.4 lx		**(30%): 0.5 lx**	
(40%): 0.7 lx		**(50%): 0.9 lx**	
(60%): 1.0 lx		**(70%): 1.2 lx**	
(80%): 1.4 lx		**(90%): 1.6 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

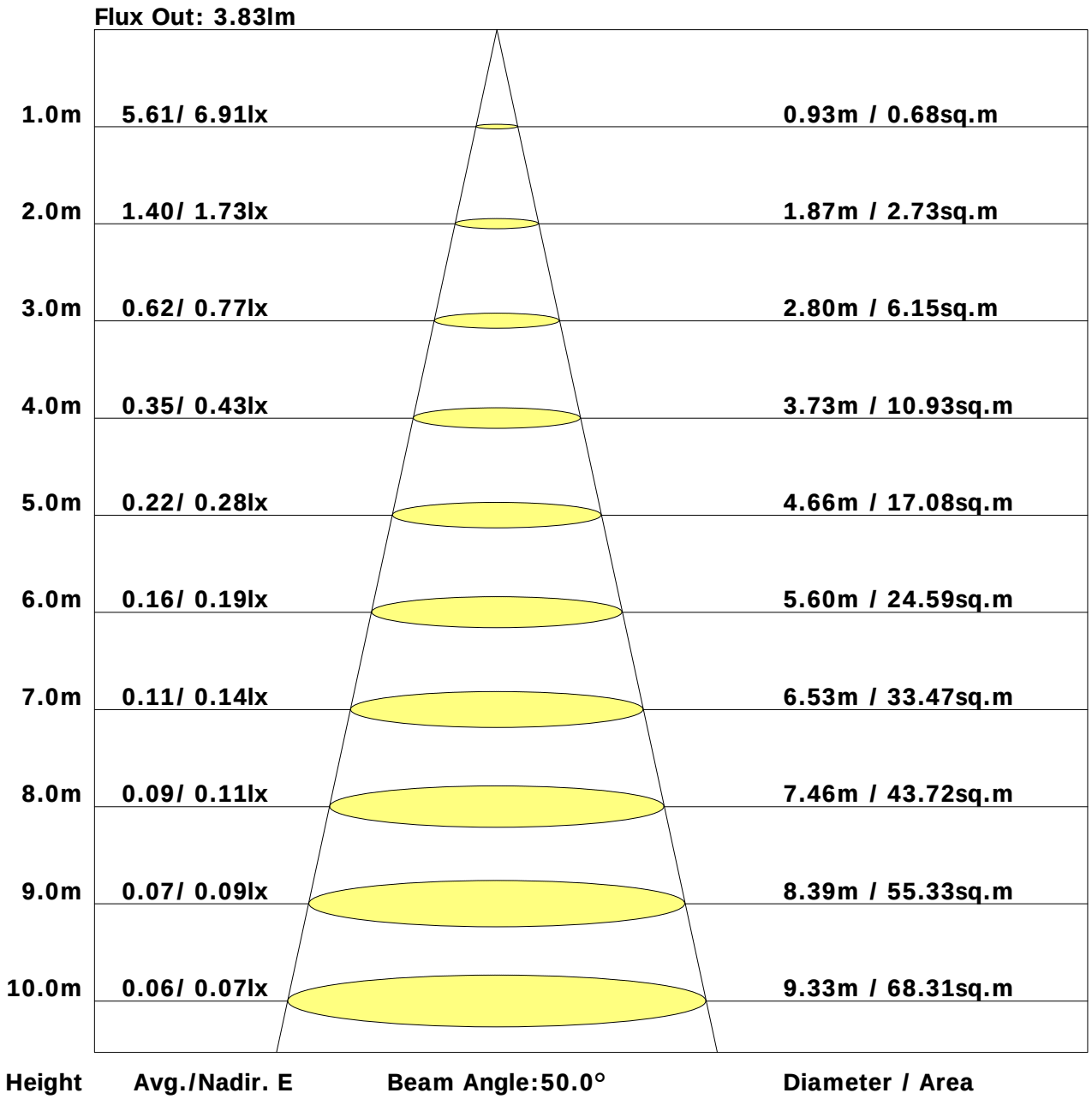
Unit: lm

Horizontal plane	Vertical plane																									Flux(E)
	90	80	70	60	50	40	30	20	10	0	-10	-20	-30	-40	-50	-60	-70	-80	-90	Flux(T)	Flux(E)
-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
-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	0.1
-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	0.3	0.3
-60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6
-50	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	0.0	0.0	0.0	0.0	1.0	1.0
-40	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	0.0	0.0	0.0	1.4	1.4
-30	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	1.7	1.7
-20	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	2.0	2.0
-10	0.0	0.0	0.0	0.1	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	2.2	2.2
0	0.0	0.0	0.0	0.1	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	2.2	2.2
10	0.0	0.0	0.0	0.1	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	2.0	2.0
20	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	1.8	1.7
30	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	1.4	1.4
40	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	0.0	0.0	0.0	1.0	1.0
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6
60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
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	0.1	0.1
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	0.0	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
Flux(T)	19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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(E)	18	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.8	1.8	1.7	1.6	1.5	1.2	1.0	0.7	0.3	0.1	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	25.8	27.4	26.2	27.7	28.1	22.4	24.0	22.8	24.3	24.7
3H	27.5	28.9	27.9	29.2	29.7	23.3	24.7	23.7	25.1	25.5
4H	28.0	29.3	28.4	29.7	30.1	23.5	24.8	23.9	25.2	25.6
6H	28.3	29.6	28.8	30.0	30.4	23.5	24.8	24.0	25.2	25.6
8H	28.4	29.6	28.9	30.0	30.5	23.5	24.7	24.0	25.1	25.5
12H	28.4	29.6	28.9	30.0	30.4	23.5	24.6	23.9	25.0	25.5
X=4H Y=2H	26.0	27.3	26.4	27.7	28.1	23.0	24.3	23.4	24.7	25.1
3H	27.8	28.9	28.3	29.4	29.8	24.0	25.1	24.4	25.6	26.0
4H	28.4	29.4	28.9	29.8	30.3	24.2	25.2	24.7	25.7	26.2
6H	28.8	29.7	29.3	30.2	30.7	24.3	25.2	24.8	25.7	26.1
8H	28.9	29.7	29.4	30.2	30.7	24.3	25.1	24.8	25.6	26.1
12H	28.9	29.7	29.4	30.2	30.7	24.3	25.0	24.8	25.5	26.0
X=8H Y=4H	28.4	29.2	28.9	29.7	30.2	24.4	25.2	24.9	25.7	26.2
6H	28.8	29.5	29.4	30.1	30.6	24.5	25.1	25.0	25.7	26.2
8H	29.0	29.6	29.5	30.1	30.6	24.5	25.1	25.0	25.6	26.1
12H	29.0	29.6	29.6	30.1	30.7	24.4	25.0	25.0	25.5	26.1
X=12H Y=4H	28.4	29.1	28.9	29.6	30.2	24.4	25.1	24.9	25.6	26.1
6H	28.8	29.5	29.4	29.9	30.5	24.5	25.1	25.0	25.6	26.1
8H	29.0	29.5	29.5	30.0	30.6	24.5	25.0	25.0	25.5	26.1

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	0.57	0.68	0.75	0.80	0.88	0.93	0.96	1.00	1.03
	0.30		0.50	0.60	0.68	0.74	0.82	0.87	0.91	0.96	1.00
	0.20		0.44	0.55	0.62	0.68	0.77	0.83	0.87	0.93	0.97
0.50	0.50	0.20	0.56	0.65	0.72	0.77	0.84	0.89	0.92	0.96	0.99
	0.30		0.49	0.59	0.66	0.72	0.79	0.84	0.88	0.93	0.96
	0.20		0.44	0.54	0.61	0.67	0.75	0.80	0.84	0.90	0.93
0.30	0.50	0.20	0.54	0.63	0.70	0.75	0.81	0.85	0.88	0.92	0.95
	0.30		0.48	0.58	0.65	0.70	0.77	0.82	0.85	0.90	0.92
	0.20		0.43	0.53	0.60	0.66	0.73	0.78	0.82	0.87	0.90
0.00	0.00	0.00	0.41	0.50	0.57	0.62	0.70	0.74	0.78	0.82	0.85

Rating:2W 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:
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 = 1.25								
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	0.98	0.80	0.68	0.59	0.47	0.39	0.33	0.26	0.21
	0.30		0.82	0.69	0.59	0.52	0.42	0.36	0.31	0.24	0.20
	0.20		0.70	0.60	0.53	0.47	0.39	0.33	0.29	0.23	0.19
0.50	0.50	0.20	0.94	0.77	0.65	0.56	0.45	0.40	0.31	0.24	0.20
	0.30		0.80	0.67	0.57	0.51	0.41	0.34	0.29	0.23	0.19
	0.20		0.69	0.59	0.51	0.46	0.38	0.32	0.28	0.22	0.18
0.30	0.50	0.20	0.91	0.74	0.62	0.54	0.43	0.35	0.30	0.23	0.19
	0.30		0.78	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	0.37	0.31	0.27	0.21	0.17
0.00	0.00	0.00	0.58	0.48	0.41	0.36	0.29	0.24	0.20	0.16	0.13

Rating:2W 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:
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 = 1.25								
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	0.18	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		0.06	0.08	0.09	0.11	0.13	0.14	0.16	0.17	0.18
0.50	0.50	0.20	0.17	0.18	0.19	0.20	0.21	0.21	0.21	0.22	0.22
	0.30		0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20
	0.20		0.06	0.08	0.09	0.11	0.12	0.14	0.15	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	0.13	0.14	0.16	0.17	0.18	0.19	0.19
	0.20		0.06	0.08	0.09	0.10	0.12	0.14	0.15	0.16	0.17
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:2W 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:
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	6.9	0.0	0.0	0.03	0.03
1.0-2.0	6.9	0.0	0.0	0.10	0.14
2.0-3.0	6.9	0.0	0.1	0.17	0.31
3.0-4.0	6.9	0.0	0.1	0.24	0.56
4.0-5.0	6.9	0.1	0.2	0.31	0.87
5.0-6.0	6.9	0.1	0.2	0.38	1.25
6.0-7.0	6.9	0.1	0.3	0.45	1.70
7.0-8.0	6.9	0.1	0.4	0.52	2.21
8.0-9.0	6.8	0.1	0.5	0.58	2.79
9.0-10.0	6.8	0.1	0.7	0.65	3.44
10.0-11.0	6.8	0.1	0.8	0.71	4.15
11.0-12.0	6.8	0.1	0.9	0.77	4.92
12.0-13.0	6.7	0.2	1.1	0.84	5.76
13.0-14.0	6.7	0.2	1.3	0.90	6.65
14.0-15.0	6.6	0.2	1.5	0.96	7.61
15.0-16.0	6.6	0.2	1.6	1.02	8.63
16.0-17.0	6.6	0.2	1.8	1.07	9.70
17.0-18.0	6.5	0.2	2.1	1.13	10.83
18.0-19.0	6.5	0.2	2.3	1.18	12.01
19.0-20.0	6.4	0.2	2.5	1.23	13.24
20.0-21.0	6.4	0.2	2.8	1.28	14.52
21.0-22.0	6.3	0.3	3.0	1.33	15.85
22.0-23.0	6.2	0.3	3.3	1.37	17.23
23.0-24.0	6.2	0.3	3.6	1.42	18.65
24.0-25.0	6.1	0.3	3.8	1.46	20.11
25.0-26.0	6.1	0.3	4.1	1.50	21.61
26.0-27.0	6.0	0.3	4.4	1.54	23.15
27.0-28.0	5.9	0.3	4.7	1.58	24.73
28.0-29.0	5.9	0.3	5.0	1.61	26.34
29.0-30.0	5.8	0.3	5.3	1.64	27.98
30.0-31.0	5.7	0.3	5.7	1.67	29.65
31.0-32.0	5.6	0.3	6.0	1.70	31.34
32.0-33.0	5.6	0.3	6.3	1.72	33.06
33.0-34.0	5.5	0.3	6.6	1.74	34.81
34.0-35.0	5.4	0.3	7.0	1.76	36.57
35.0-36.0	5.3	0.3	7.3	1.78	38.35

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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	5.2	0.3	7.7	1.80	40.14
37.0-38.0	5.1	0.3	8.0	1.80	41.95
38.0-39.0	5.1	0.3	8.3	1.81	43.76
39.0-40.0	5.0	0.3	8.7	1.82	45.58
40.0-41.0	4.9	0.3	9.0	1.82	47.40
41.0-42.0	4.8	0.3	9.4	1.83	49.23
42.0-43.0	4.7	0.3	9.7	1.83	51.05
43.0-44.0	4.6	0.3	10.1	1.82	52.87
44.0-45.0	4.5	0.3	10.4	1.81	54.68
45.0-46.0	4.4	0.3	10.8	1.80	56.48
46.0-47.0	4.3	0.3	11.1	1.79	58.28
47.0-48.0	4.2	0.3	11.5	1.78	60.06
48.0-49.0	4.1	0.3	11.8	1.76	61.82
49.0-50.0	4.0	0.3	12.1	1.74	63.57
50.0-51.0	3.9	0.3	12.5	1.72	65.29
51.0-52.0	3.8	0.3	12.8	1.70	66.98
52.0-53.0	3.7	0.3	13.1	1.67	68.65
53.0-54.0	3.6	0.3	13.4	1.64	70.29
54.0-55.0	3.5	0.3	13.7	1.62	71.91
55.0-56.0	3.3	0.3	14.0	1.58	73.49
56.0-57.0	3.2	0.3	14.3	1.54	75.04
57.0-58.0	3.1	0.3	14.6	1.51	76.55
58.0-59.0	3.0	0.3	14.9	1.47	78.01
59.0-60.0	2.9	0.3	15.1	1.42	79.44
60.0-61.0	2.8	0.3	15.4	1.38	80.82
61.0-62.0	2.7	0.3	15.7	1.34	82.16
62.0-63.0	2.5	0.2	15.9	1.29	83.45
63.0-64.0	2.4	0.2	16.1	1.23	84.68
64.0-65.0	2.3	0.2	16.4	1.18	85.86
65.0-66.0	2.2	0.2	16.6	1.13	86.99
66.0-67.0	2.0	0.2	16.8	1.08	88.07
67.0-68.0	1.9	0.2	17.0	1.02	89.09
68.0-69.0	1.8	0.2	17.2	0.97	90.06
69.0-70.0	1.7	0.2	17.3	0.91	90.97
70.0-71.0	1.6	0.2	17.5	0.86	91.83
71.0-72.0	1.5	0.2	17.7	0.80	92.63

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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	1.3	0.1	17.8	0.74	93.37
73.0-74.0	1.2	0.1	17.9	0.67	94.04
74.0-75.0	1.1	0.1	18.1	0.61	94.65
75.0-76.0	1.0	0.1	18.2	0.55	95.20
76.0-77.0	0.9	0.1	18.3	0.50	95.70
77.0-78.0	0.8	0.1	18.3	0.44	96.14
78.0-79.0	0.7	0.1	18.4	0.39	96.53
79.0-80.0	0.6	0.1	18.5	0.34	96.87
80.0-81.0	0.5	0.1	18.5	0.29	97.15
81.0-82.0	0.4	0.0	18.6	0.24	97.39
82.0-83.0	0.3	0.0	18.6	0.20	97.59
83.0-84.0	0.3	0.0	18.6	0.16	97.75
84.0-85.0	0.2	0.0	18.7	0.13	97.88
85.0-86.0	0.2	0.0	18.7	0.10	97.97
86.0-87.0	0.1	0.0	18.7	0.07	98.04
87.0-88.0	0.1	0.0	18.7	0.05	98.10
88.0-89.0	0.1	0.0	18.7	0.05	98.14
89.0-90.0	0.1	0.0	18.7	0.04	98.18
90.0-91.0	0.1	0.0	18.7	0.03	98.22
91.0-92.0	0.0	0.0	18.7	0.03	98.25
92.0-93.0	0.0	0.0	18.7	0.03	98.27
93.0-94.0	0.0	0.0	18.7	0.03	98.30
94.0-95.0	0.0	0.0	18.8	0.02	98.32
95.0-96.0	0.0	0.0	18.8	0.02	98.34
96.0-97.0	0.0	0.0	18.8	0.02	98.36
97.0-98.0	0.0	0.0	18.8	0.03	98.39
98.0-99.0	0.0	0.0	18.8	0.02	98.41
99.0-100.0	0.0	0.0	18.8	0.02	98.43
100.0-101.0	0.0	0.0	18.8	0.03	98.46
101.0-102.0	0.0	0.0	18.8	0.02	98.48
102.0-103.0	0.0	0.0	18.8	0.02	98.50
103.0-104.0	0.0	0.0	18.8	0.02	98.52
104.0-105.0	0.0	0.0	18.8	0.02	98.54
105.0-106.0	0.0	0.0	18.8	0.02	98.56
106.0-107.0	0.1	0.0	18.8	0.03	98.60
107.0-108.0	0.1	0.0	18.8	0.03	98.63

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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	0.0	0.0	18.8	0.03	98.65
109.0-110.0	0.0	0.0	18.8	0.03	98.68
110.0-111.0	0.1	0.0	18.8	0.03	98.71
111.0-112.0	0.1	0.0	18.8	0.03	98.74
112.0-113.0	0.0	0.0	18.8	0.03	98.76
113.0-114.0	0.0	0.0	18.8	0.02	98.78
114.0-115.0	0.0	0.0	18.8	0.02	98.81
115.0-116.0	0.0	0.0	18.8	0.03	98.83
116.0-117.0	0.1	0.0	18.9	0.03	98.86
117.0-118.0	0.0	0.0	18.9	0.02	98.88
118.0-119.0	0.0	0.0	18.9	0.02	98.90
119.0-120.0	0.1	0.0	18.9	0.03	98.93
120.0-121.0	0.1	0.0	18.9	0.03	98.96
121.0-122.0	0.0	0.0	18.9	0.02	98.98
122.0-123.0	0.0	0.0	18.9	0.02	99.00
123.0-124.0	0.1	0.0	18.9	0.03	99.02
124.0-125.0	0.1	0.0	18.9	0.03	99.05
125.0-126.0	0.1	0.0	18.9	0.03	99.08
126.0-127.0	0.1	0.0	18.9	0.03	99.11
127.0-128.0	0.1	0.0	18.9	0.03	99.13
128.0-129.0	0.1	0.0	18.9	0.02	99.16
129.0-130.0	0.1	0.0	18.9	0.02	99.18
130.0-131.0	0.1	0.0	18.9	0.03	99.21
131.0-132.0	0.1	0.0	18.9	0.03	99.24
132.0-133.0	0.1	0.0	18.9	0.03	99.26
133.0-134.0	0.1	0.0	18.9	0.03	99.29
134.0-135.0	0.1	0.0	18.9	0.02	99.32
135.0-136.0	0.1	0.0	18.9	0.03	99.34
136.0-137.0	0.1	0.0	18.9	0.02	99.36
137.0-138.0	0.0	0.0	19.0	0.02	99.38
138.0-139.0	0.1	0.0	19.0	0.02	99.40
139.0-140.0	0.1	0.0	19.0	0.02	99.43
140.0-141.0	0.1	0.0	19.0	0.02	99.45
141.0-142.0	0.1	0.0	19.0	0.02	99.47
142.0-143.0	0.1	0.0	19.0	0.03	99.50
143.0-144.0	0.1	0.0	19.0	0.03	99.52

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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	0.1	0.0	19.0	0.02	99.55
145.0-146.0	0.1	0.0	19.0	0.02	99.57
146.0-147.0	0.1	0.0	19.0	0.03	99.59
147.0-148.0	0.1	0.0	19.0	0.03	99.62
148.0-149.0	0.1	0.0	19.0	0.02	99.64
149.0-150.0	0.1	0.0	19.0	0.02	99.66
150.0-151.0	0.1	0.0	19.0	0.02	99.69
151.0-152.0	0.1	0.0	19.0	0.02	99.71
152.0-153.0	0.1	0.0	19.0	0.02	99.73
153.0-154.0	0.1	0.0	19.0	0.02	99.75
154.0-155.0	0.1	0.0	19.0	0.02	99.77
155.0-156.0	0.1	0.0	19.0	0.02	99.79
156.0-157.0	0.1	0.0	19.0	0.01	99.80
157.0-158.0	0.1	0.0	19.0	0.02	99.82
158.0-159.0	0.1	0.0	19.0	0.02	99.83
159.0-160.0	0.1	0.0	19.0	0.01	99.85
160.0-161.0	0.1	0.0	19.0	0.01	99.86
161.0-162.0	0.1	0.0	19.0	0.01	99.87
162.0-163.0	0.1	0.0	19.0	0.01	99.88
163.0-164.0	0.1	0.0	19.1	0.01	99.90
164.0-165.0	0.1	0.0	19.1	0.01	99.91
165.0-166.0	0.1	0.0	19.1	0.01	99.92
166.0-167.0	0.1	0.0	19.1	0.01	99.93
167.0-168.0	0.1	0.0	19.1	0.01	99.94
168.0-169.0	0.1	0.0	19.1	0.01	99.95
169.0-170.0	0.1	0.0	19.1	0.01	99.96
170.0-171.0	0.1	0.0	19.1	0.01	99.96
171.0-172.0	0.1	0.0	19.1	0.01	99.97
172.0-173.0	0.1	0.0	19.1	0.01	99.98
173.0-174.0	0.1	0.0	19.1	0.01	99.98
174.0-175.0	0.1	0.0	19.1	0.00	99.99
175.0-176.0	0.1	0.0	19.1	0.00	99.99
176.0-177.0	0.1	0.0	19.1	0.00	100.00
177.0-178.0	0.1	0.0	19.1	0.00	100.00
178.0-179.0	0.1	0.0	19.1	0.00	100.00
179.0-180.0	0.1	0.0	19.1	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: