

Report No.:

Test Time: 2023/10/31 10:47

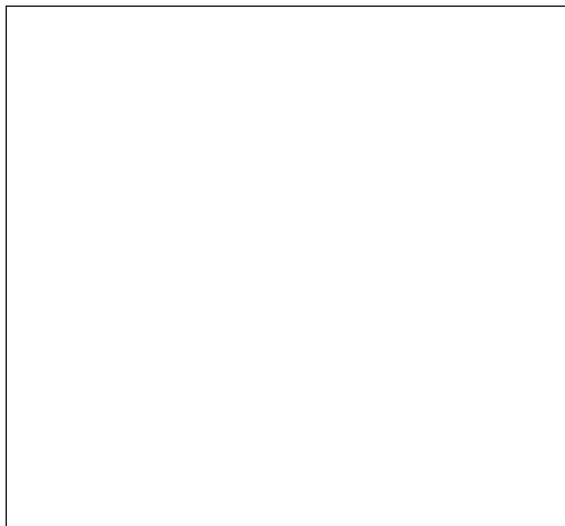
Luminaire Property

Luminaire Manufacturer: Acolyte
Luminaire Category: Scroll pendants
Luminaire Description: Scroll pendants C80 VW SO 42W
Lamp Catalog: COOL ONLY
Luminous Width (mm): 80
Voltage: 24.0 V
Power: 6.12 W
Luminous Length (mm): 300
Luminous Height (mm): 40
Current: 0.255 A
Power Factor: 1.000

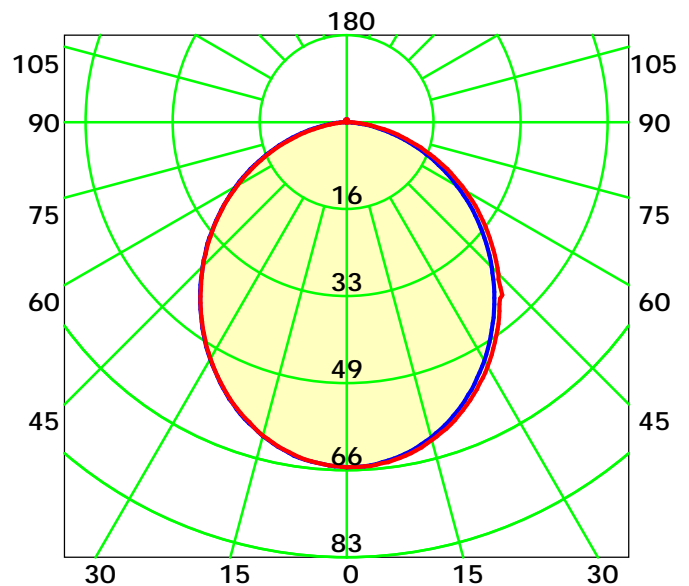
Photometric Results

CIE Class: Direct
Measurement Flux: 171.3 lm
Downward Ratio: 99%
Horizontal Diffuse Angle(10%,50%): H157.4,H102.7
Vertical Diffuse Angle(10%,50%): V157.6,V104.4
Luminaire Efficacy Rating (LER): 28
Max. Intensity: 65.91 cd
Total Rated Lamp Lumens: 171.3 lm
Efficiency: 100%
Upward Ratio: 1%
Central Intensity: 65.83 cd
Pos of Max. Intensity: H150 V2

Picture Of Luminaire



Luminous Intensity Distribution Curve

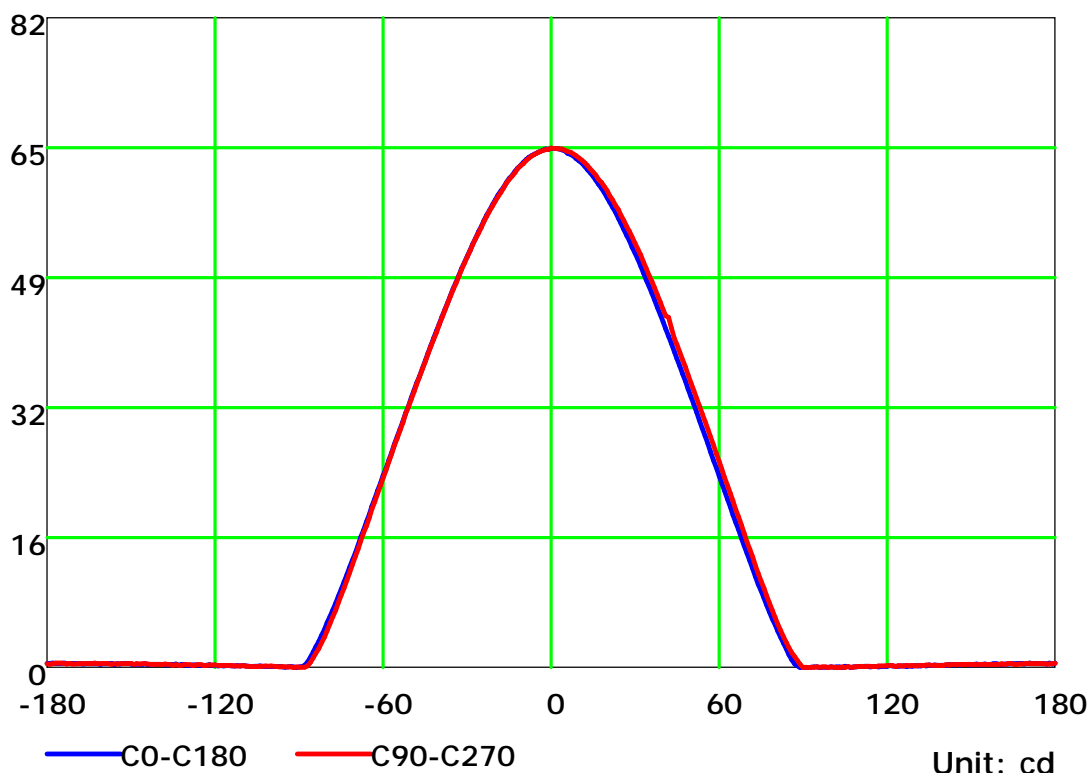
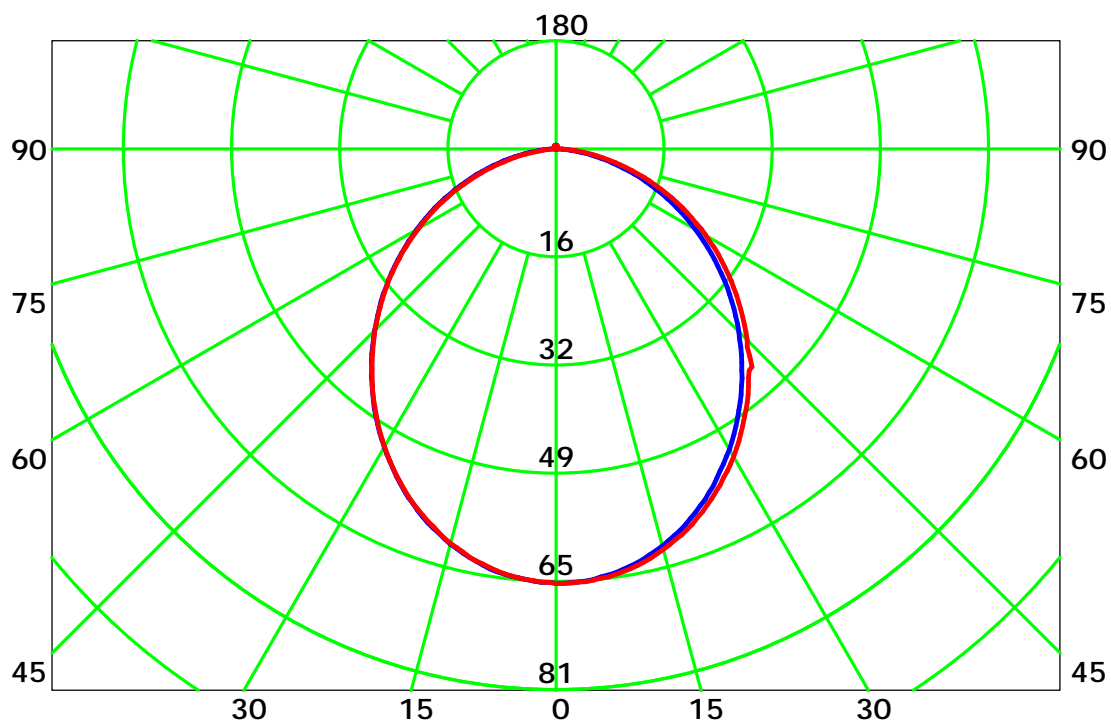


Unit: cd
Average Diffuse Angle(50%): 103.5°
— C0-C180 — C90-C270

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:

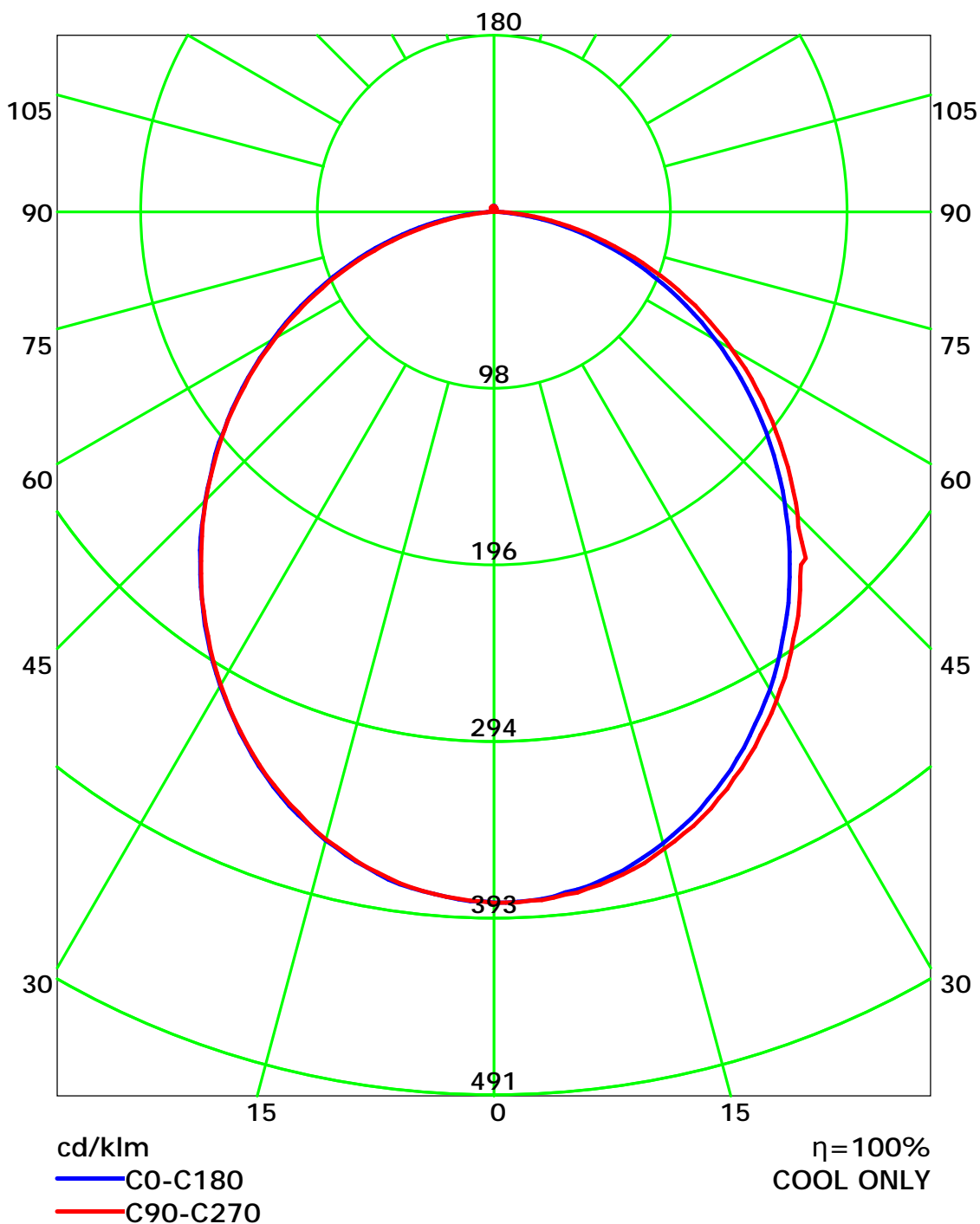
Luminous Intensity Distribution Curve



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:

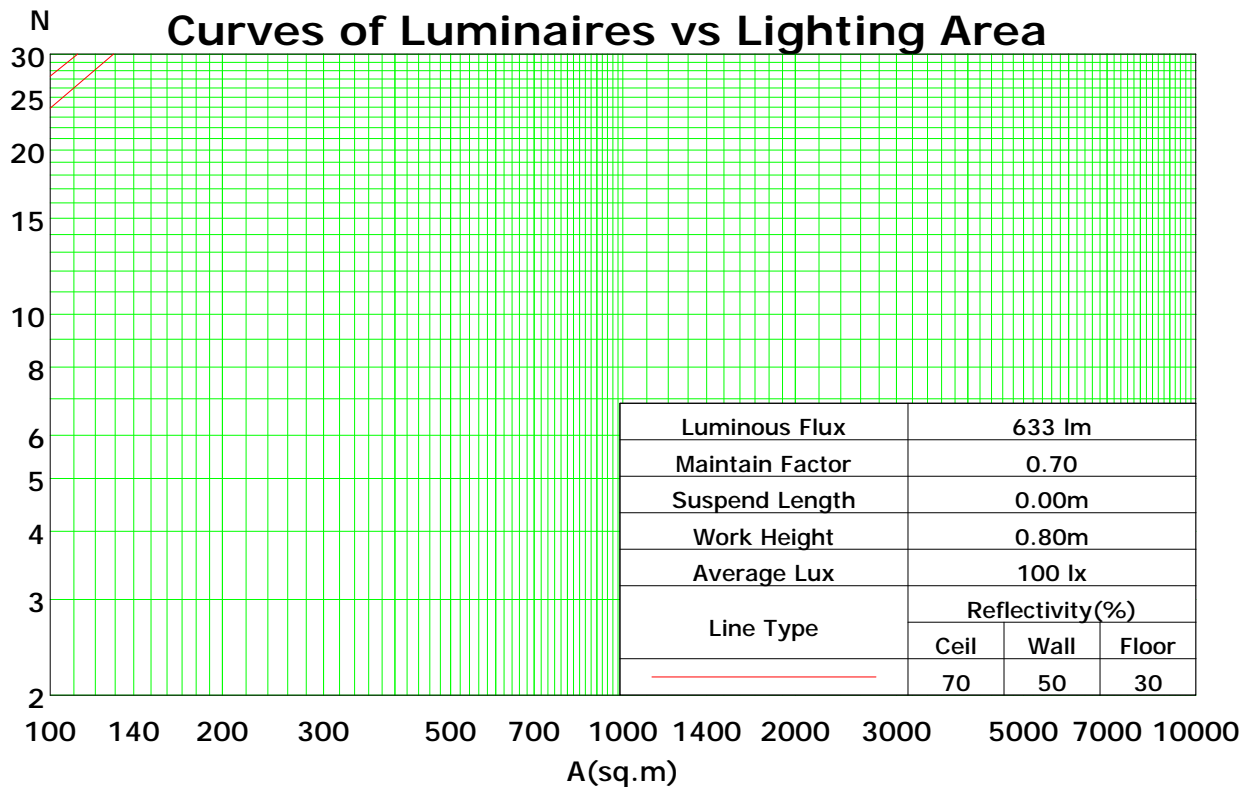
Coefficients Of Utilization - Zonal Cavity Method

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	96	106	102	98	95	98	94	92	94	91	89	90	88	86	84
2	99	91	85	79	97	89	83	78	86	80	76	82	78	74	79	76	72	70
3	91	80	72	66	88	79	71	65	76	69	64	73	67	63	70	66	62	59
4	83	71	63	56	81	70	62	56	67	60	55	65	59	54	63	58	53	51
5	77	64	55	49	74	63	54	48	61	53	48	58	52	47	57	51	46	44
6	71	58	49	43	69	57	48	42	55	47	42	53	46	41	51	46	41	39
7	66	52	44	38	64	52	43	37	50	43	37	48	42	37	47	41	36	35
8	61	48	39	34	60	47	39	34	46	38	33	44	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	27	39	32	27	38	32	27	37	31	27	25

Spacing Criteria (0-180): 1.19

Spacing Criteria (90-270): 1.20

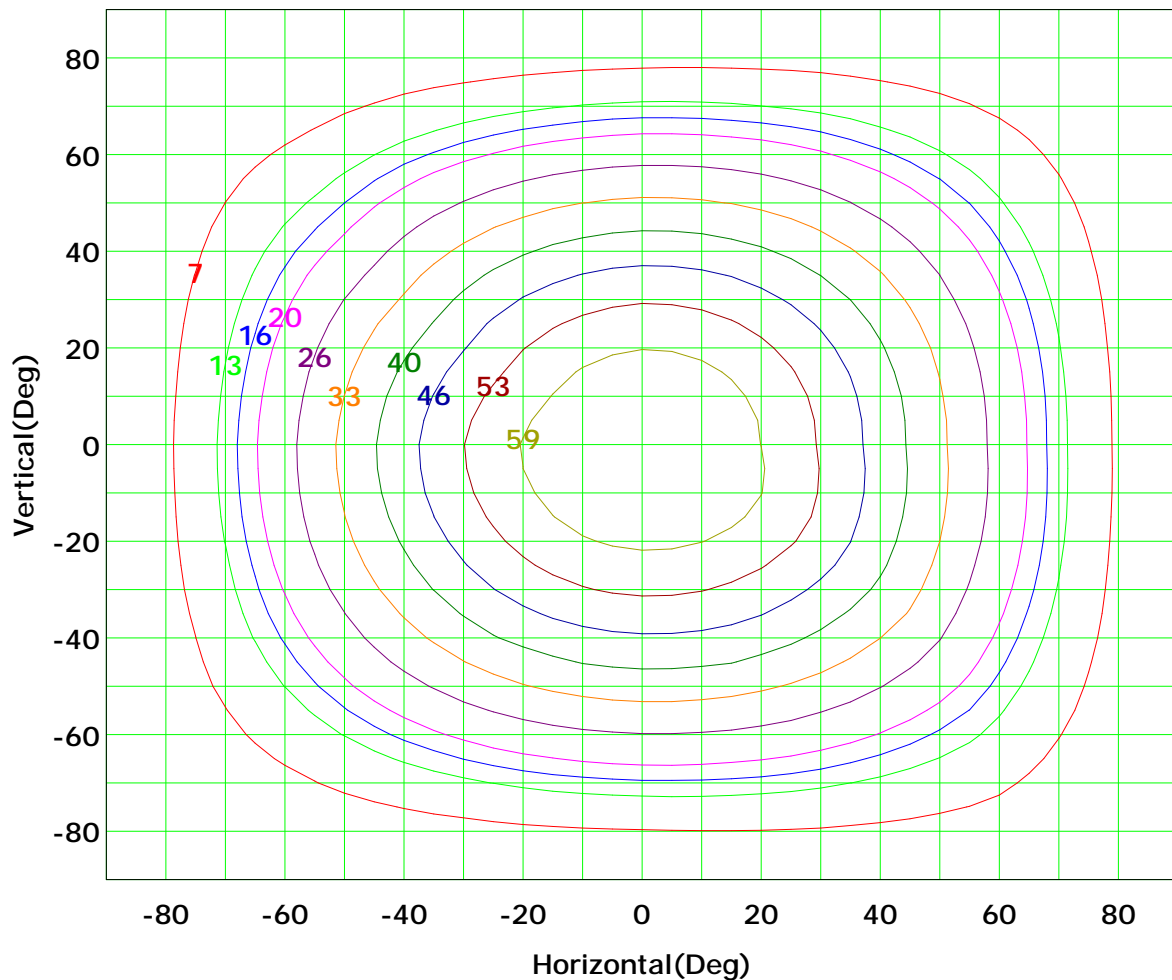
Spacing Criteria (Diagonal): 1.31



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)



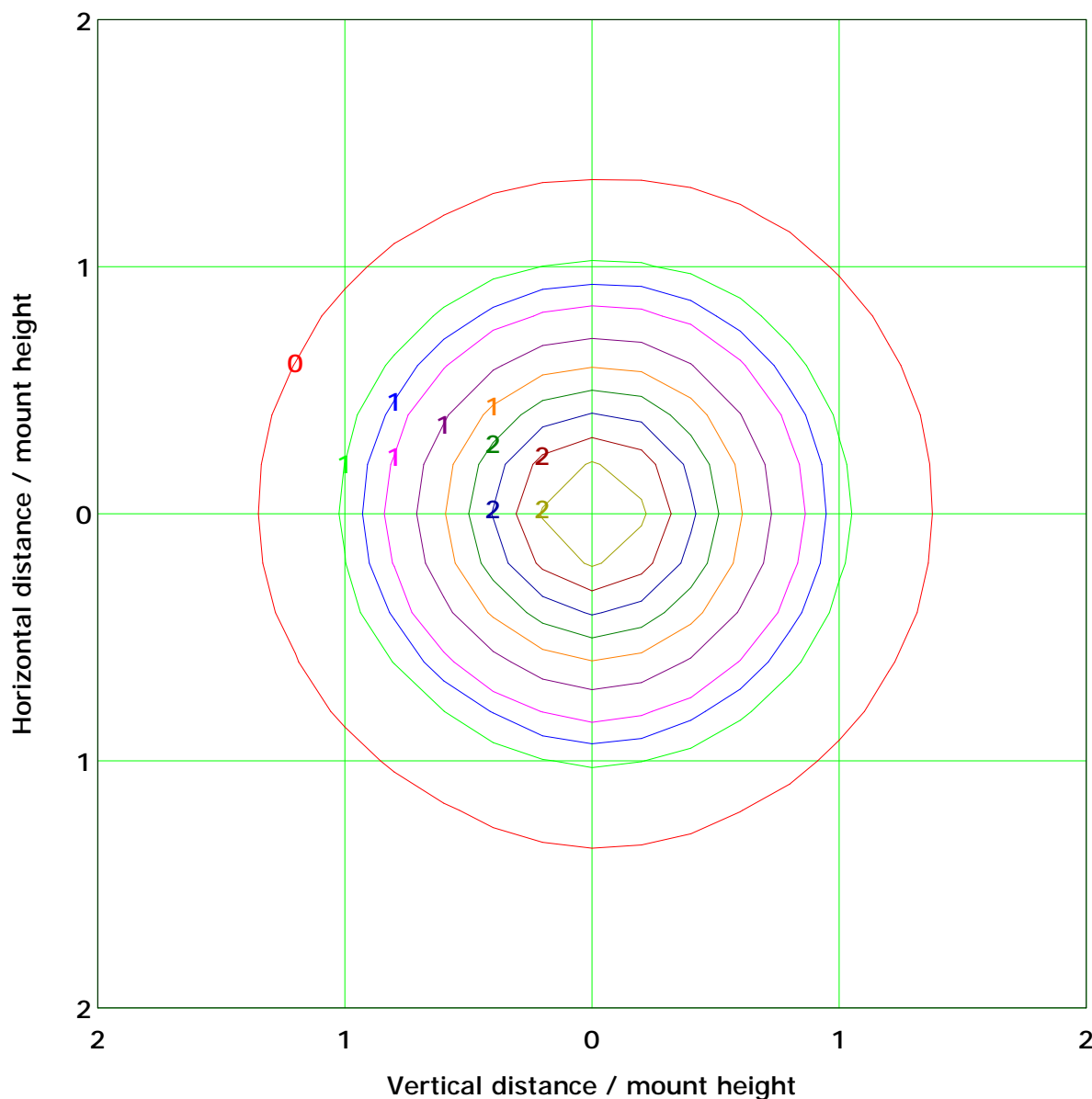
Imax (100%): 66 cd

(10%):	7 cd	(20%):	13 cd
(25%):	16 cd	(30%):	20 cd
(40%):	26 cd	(50%):	33 cd
(60%):	40 cd	(70%):	46 cd
(80%):	53 cd	(90%):	59 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%): 2.6 lx

(10%): 0.3 lx	(20%): 0.5 lx
(25%): 0.7 lx	(30%): 0.8 lx
(40%): 1.1 lx	(50%): 1.3 lx
(60%): 1.6 lx	(70%): 1.8 lx
(80%): 2.1 lx	(90%): 2.4 lx

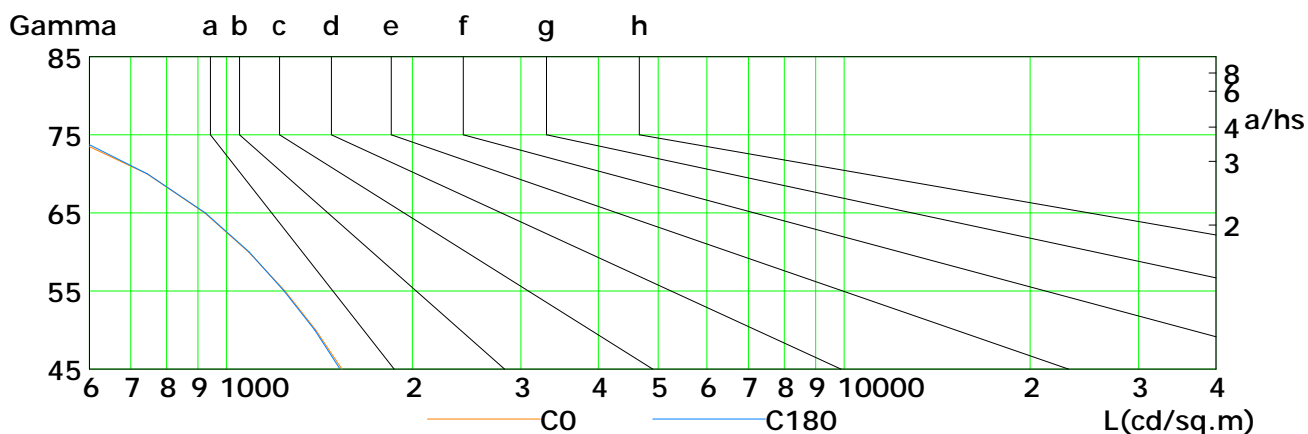
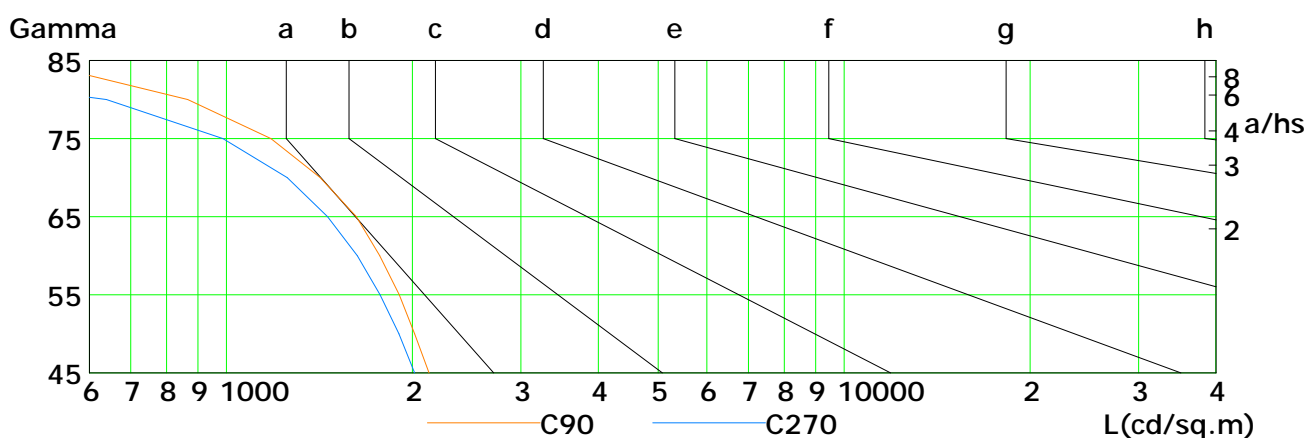
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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

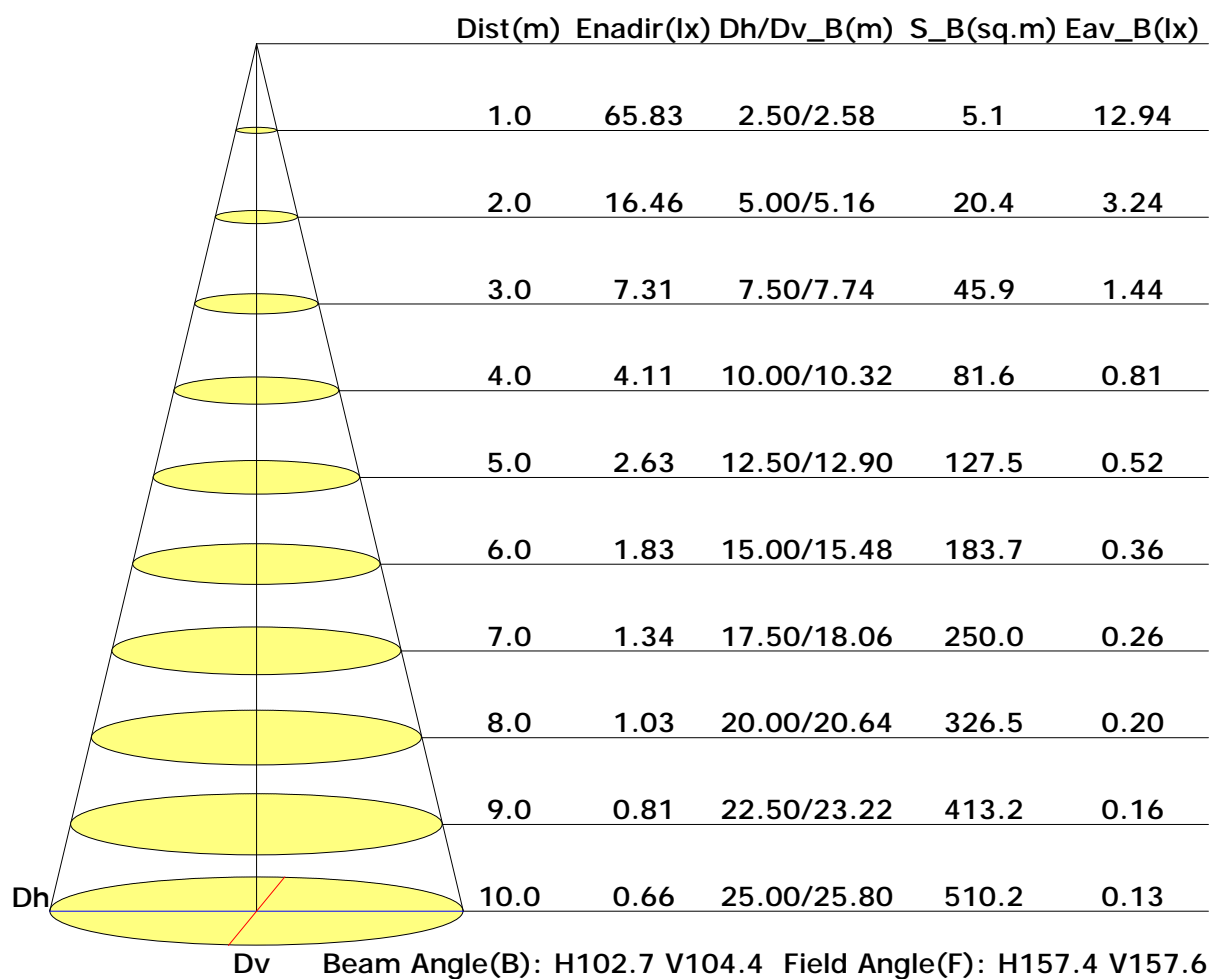


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	1539	1395	1245	1086	923	744	548	341	117
C90	2129	2019	1906	1772	1624	1419	1181	866	477
C180	1529	1390	1240	1088	924	745	558	357	142
C270	2019	1903	1773	1629	1459	1255	987	639	239

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:

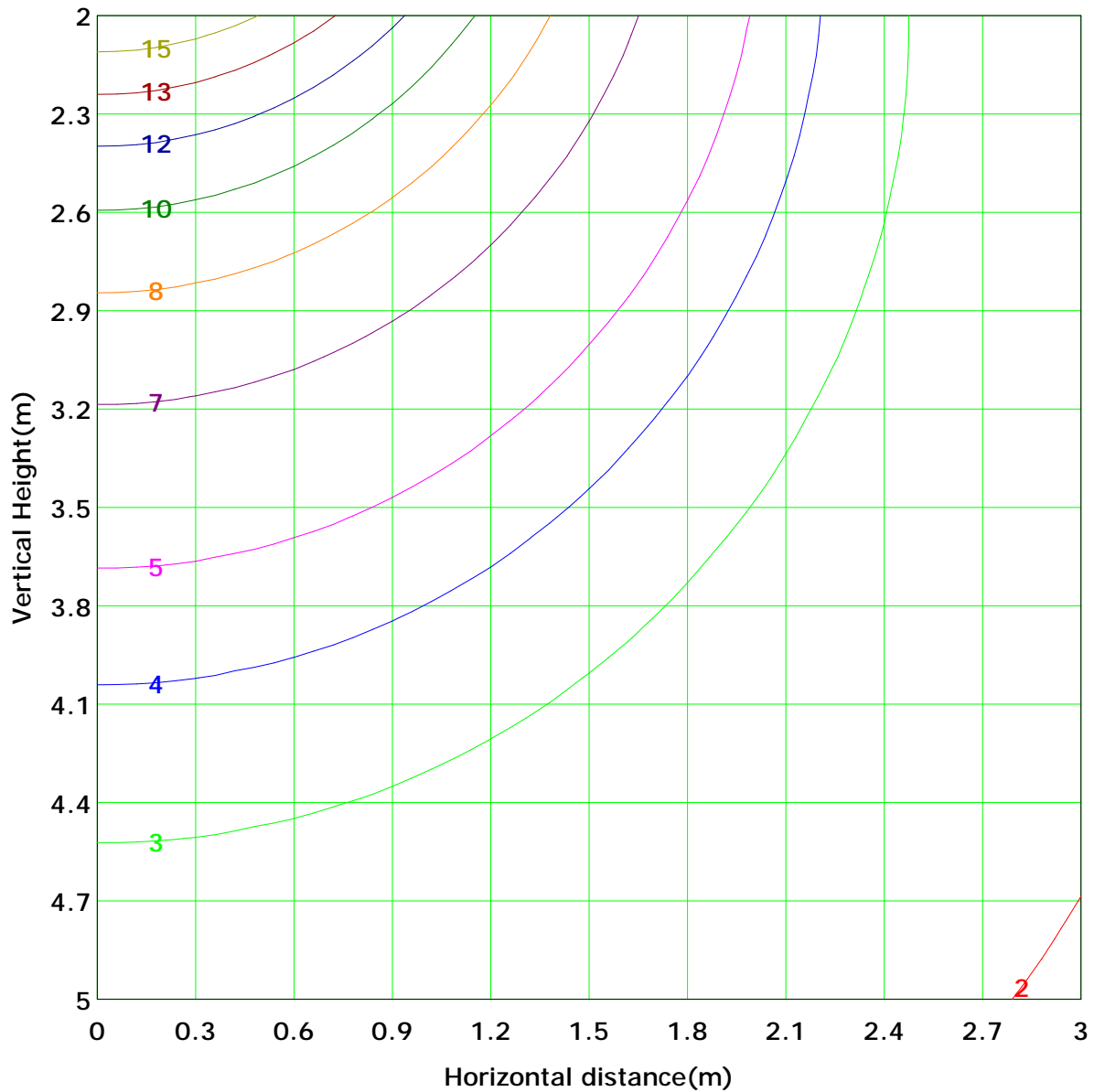
Illuminance at a Distance



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: 16.5 lx
(10%): 1.6 lx	(20%): 3.3 lx	
(25%): 4.1 lx	(30%): 4.9 lx	
(40%): 6.6 lx	(50%): 8.2 lx	
(60%): 9.9 lx	(70%): 11.5 lx	
(80%): 13.2 lx	(90%): 14.8 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

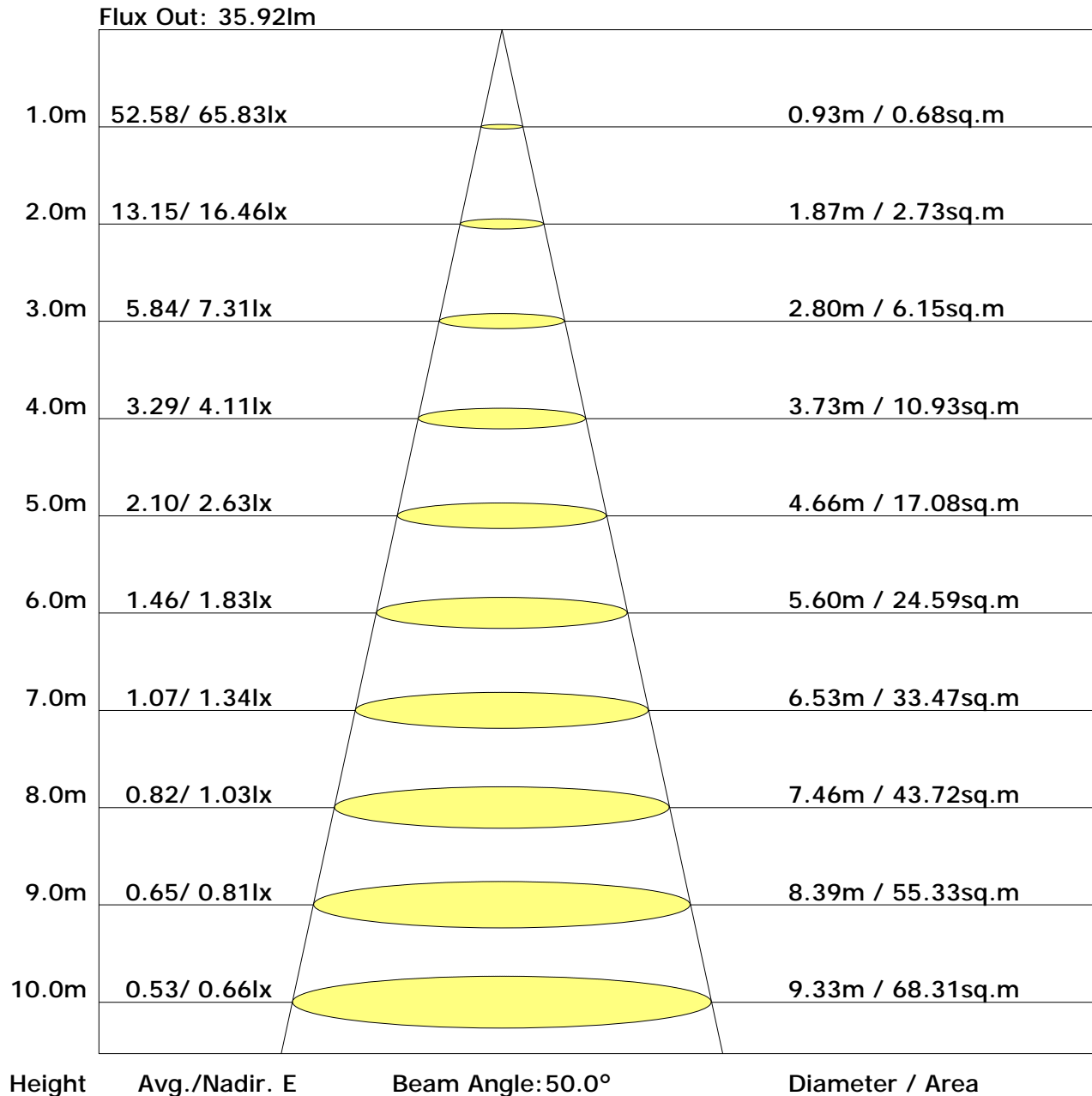
Vertical plane		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
Horizontal plane	-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
	-80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.7
	-70	0.0	0.0	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	2.8	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	5.6	5.4
	-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	9.1	8.9
	-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	12.8	12.6
	-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	16.3	16.1
	-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	18.9	18.7
	-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	20.2	20.1
	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.1	19.9
	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	18.4	18.2
	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	15.6	15.4
	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	12.1	11.9
	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	8.4	8.2
	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	5.1	4.9
	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	2.5	2.3
	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	0.8	0.5
	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	170	167
	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		
	Flux(T)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	20.8	19.6	21.1	21.5	19.1	20.6	19.4	21.0	21.3
3H	20.7	22.2	21.1	22.5	22.9	20.5	21.9	20.9	22.3	22.6
4H	21.2	22.6	21.7	23.0	23.4	20.9	22.3	21.3	22.6	23.0
6H	21.6	22.8	22.0	23.2	23.6	21.2	22.4	21.6	22.8	23.2
8H	21.6	22.8	22.1	23.2	23.6	21.2	22.4	21.7	22.8	23.2
12H	21.6	22.8	22.1	23.2	23.6	21.2	22.4	21.7	22.8	23.2
X=4H Y=2H	19.6	20.9	20.0	21.3	21.7	19.6	21.0	20.0	21.3	21.7
3H	21.3	22.4	21.7	22.8	23.2	21.2	22.3	21.7	22.8	23.2
4H	21.9	22.9	22.3	23.3	23.8	21.8	22.8	22.2	23.2	23.7
6H	22.2	23.1	22.7	23.6	24.1	22.1	23.0	22.6	23.5	23.9
8H	22.3	23.1	22.8	23.6	24.1	22.2	23.0	22.7	23.5	24.0
12H	22.3	23.1	22.8	23.6	24.1	22.2	23.0	22.7	23.4	23.9
X=8H Y=4H	22.0	22.8	22.4	23.2	23.7	22.0	22.8	22.5	23.3	23.8
6H	22.4	23.1	22.9	23.6	24.1	22.4	23.1	22.9	23.6	24.1
8H	22.5	23.1	23.0	23.6	24.1	22.5	23.1	23.0	23.7	24.2
12H	22.5	23.1	23.0	23.6	24.2	22.6	23.1	23.1	23.6	24.2
X=12H Y=4H	22.0	22.7	22.5	23.2	23.7	22.0	22.8	22.5	23.2	23.7
6H	22.4	23.0	22.9	23.5	24.0	22.4	23.1	23.0	23.5	24.1
8H	22.5	23.0	23.0	23.5	24.1	22.6	23.1	23.1	23.6	24.2

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	0.68	0.76	0.81	0.88	0.93	0.96	1.01	1.04
	0.30		0.50	0.61	0.68	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	0.56	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	0.75	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	0.65	0.70	0.78	0.82	0.86	0.90	0.93
	0.20		0.44	0.54	0.61	0.66	0.74	0.79	0.83	0.88	0.91
0.00	0.00	0.00	0.42	0.51	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		0.70	0.60	0.52	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		0.79	0.66	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		0.77	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	0.37	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		0.06	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	0.11	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	65.8	0.1	0.1	0.04	0.04
1.0-2.0	65.8	0.2	0.3	0.11	0.15
2.0-3.0	65.7	0.3	0.6	0.18	0.33
3.0-4.0	65.6	0.4	1.0	0.26	0.59
4.0-5.0	65.5	0.6	1.6	0.33	0.92
5.0-6.0	65.3	0.7	2.3	0.40	1.32
6.0-7.0	65.1	0.8	3.1	0.47	1.79
7.0-8.0	64.9	0.9	4.0	0.54	2.33
8.0-9.0	64.7	1.0	5.0	0.61	2.94
9.0-10.0	64.4	1.2	6.2	0.68	3.62
10.0-11.0	64.1	1.3	7.5	0.75	4.37
11.0-12.0	63.7	1.4	8.9	0.81	5.18
12.0-13.0	63.3	1.5	10.4	0.88	6.06
13.0-14.0	62.9	1.6	12.0	0.94	7.00
14.0-15.0	62.5	1.7	13.7	1.00	8.00
15.0-16.0	62.0	1.8	15.5	1.06	9.06
16.0-17.0	61.5	1.9	17.4	1.12	10.18
17.0-18.0	61.0	2.0	19.5	1.17	11.36
18.0-19.0	60.5	2.1	21.6	1.23	12.59
19.0-20.0	59.9	2.2	23.8	1.28	13.87
20.0-21.0	59.3	2.3	26.0	1.33	15.20
21.0-22.0	58.7	2.4	28.4	1.38	16.58
22.0-23.0	58.1	2.4	30.8	1.42	18.00
23.0-24.0	57.4	2.5	33.3	1.47	19.46
24.0-25.0	56.7	2.6	35.9	1.51	20.97
25.0-26.0	56.0	2.6	38.6	1.54	22.52
26.0-27.0	55.3	2.7	41.3	1.58	24.10
27.0-28.0	54.6	2.8	44.0	1.61	25.71
28.0-29.0	53.8	2.8	46.9	1.64	27.35
29.0-30.0	53.1	2.9	49.7	1.67	29.03
30.0-31.0	52.3	2.9	52.6	1.70	30.72
31.0-32.0	51.5	2.9	55.6	1.72	32.45
32.0-33.0	50.7	3.0	58.6	1.74	34.19
33.0-34.0	49.8	3.0	61.6	1.76	35.95
34.0-35.0	49.0	3.0	64.6	1.78	37.73
35.0-36.0	48.1	3.1	67.7	1.79	39.51

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	47.3	3.1	70.8	1.80	41.31
37.0-38.0	46.4	3.1	73.9	1.81	43.12
38.0-39.0	45.5	3.1	77.0	1.81	44.93
39.0-40.0	44.6	3.1	80.1	1.82	46.75
40.0-41.0	43.7	3.1	83.2	1.82	48.56
41.0-42.0	42.8	3.1	86.3	1.81	50.38
42.0-43.0	41.9	3.1	89.4	1.81	52.19
43.0-44.0	40.9	3.1	92.5	1.80	53.99
44.0-45.0	39.9	3.1	95.6	1.79	55.79
45.0-46.0	39.0	3.1	98.6	1.78	57.57
46.0-47.0	38.1	3.0	101.6	1.77	59.34
47.0-48.0	37.1	3.0	104.6	1.75	61.09
48.0-49.0	36.1	3.0	107.6	1.73	62.82
49.0-50.0	35.2	2.9	110.5	1.71	64.53
50.0-51.0	34.2	2.9	113.4	1.69	66.22
51.0-52.0	33.2	2.9	116.3	1.66	67.89
52.0-53.0	32.2	2.8	119.1	1.64	69.52
53.0-54.0	31.2	2.8	121.8	1.61	71.13
54.0-55.0	30.2	2.7	124.5	1.58	72.71
55.0-56.0	29.3	2.6	127.2	1.54	74.25
56.0-57.0	28.3	2.6	129.8	1.51	75.76
57.0-58.0	27.3	2.5	132.3	1.47	77.24
58.0-59.0	26.3	2.5	134.8	1.43	78.67
59.0-60.0	25.3	2.4	137.1	1.39	80.06
60.0-61.0	24.3	2.3	139.5	1.35	81.41
61.0-62.0	23.3	2.2	141.7	1.31	82.72
62.0-63.0	22.3	2.2	143.9	1.26	83.99
63.0-64.0	21.3	2.1	145.9	1.22	85.21
64.0-65.0	20.3	2.0	148.0	1.17	86.38
65.0-66.0	19.3	1.9	149.9	1.12	87.50
66.0-67.0	18.3	1.8	151.7	1.07	88.57
67.0-68.0	17.3	1.7	153.5	1.02	89.59
68.0-69.0	16.3	1.7	155.1	0.97	90.56
69.0-70.0	15.3	1.6	156.7	0.92	91.48
70.0-71.0	14.3	1.5	158.2	0.86	92.34
71.0-72.0	13.3	1.4	159.6	0.81	93.15

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	12.4	1.3	160.8	0.75	93.90
73.0-74.0	11.4	1.2	162.0	0.70	94.60
74.0-75.0	10.5	1.1	163.2	0.65	95.25
75.0-76.0	9.5	1.0	164.2	0.59	95.84
76.0-77.0	8.6	0.9	165.1	0.54	96.37
77.0-78.0	7.7	0.8	165.9	0.48	96.86
78.0-79.0	6.9	0.7	166.6	0.43	97.29
79.0-80.0	6.0	0.6	167.3	0.38	97.66
80.0-81.0	5.2	0.6	167.8	0.33	97.99
81.0-82.0	4.4	0.5	168.3	0.28	98.27
82.0-83.0	3.6	0.4	168.7	0.23	98.50
83.0-84.0	2.9	0.3	169.0	0.18	98.68
84.0-85.0	2.2	0.2	169.3	0.14	98.82
85.0-86.0	1.6	0.2	169.4	0.10	98.93
86.0-87.0	1.1	0.1	169.6	0.07	98.99
87.0-88.0	0.6	0.1	169.6	0.04	99.04
88.0-89.0	0.4	0.0	169.7	0.02	99.06
89.0-90.0	0.2	0.0	169.7	0.01	99.07
90.0-91.0	0.1	0.0	169.7	0.01	99.08
91.0-92.0	0.1	0.0	169.7	0.00	99.08
92.0-93.0	0.1	0.0	169.7	0.00	99.09
93.0-94.0	0.1	0.0	169.7	0.00	99.09
94.0-95.0	0.1	0.0	169.7	0.00	99.10
95.0-96.0	0.1	0.0	169.7	0.01	99.10
96.0-97.0	0.1	0.0	169.8	0.01	99.11
97.0-98.0	0.1	0.0	169.8	0.01	99.11
98.0-99.0	0.1	0.0	169.8	0.01	99.12
99.0-100.0	0.1	0.0	169.8	0.01	99.12
100.0-101.0	0.1	0.0	169.8	0.01	99.13
101.0-102.0	0.1	0.0	169.8	0.01	99.14
102.0-103.0	0.1	0.0	169.8	0.01	99.15
103.0-104.0	0.1	0.0	169.8	0.01	99.15
104.0-105.0	0.1	0.0	169.9	0.01	99.16
105.0-106.0	0.1	0.0	169.9	0.01	99.17
106.0-107.0	0.1	0.0	169.9	0.01	99.18
107.0-108.0	0.1	0.0	169.9	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	169.9	0.01	99.20
109.0-110.0	0.2	0.0	169.9	0.01	99.21
110.0-111.0	0.2	0.0	169.9	0.01	99.22
111.0-112.0	0.2	0.0	170.0	0.01	99.23
112.0-113.0	0.2	0.0	170.0	0.01	99.24
113.0-114.0	0.2	0.0	170.0	0.01	99.25
114.0-115.0	0.2	0.0	170.0	0.01	99.26
115.0-116.0	0.2	0.0	170.0	0.01	99.27
116.0-117.0	0.2	0.0	170.1	0.01	99.29
117.0-118.0	0.2	0.0	170.1	0.01	99.30
118.0-119.0	0.2	0.0	170.1	0.01	99.31
119.0-120.0	0.2	0.0	170.1	0.01	99.33
120.0-121.0	0.3	0.0	170.2	0.01	99.34
121.0-122.0	0.3	0.0	170.2	0.01	99.35
122.0-123.0	0.3	0.0	170.2	0.01	99.37
123.0-124.0	0.3	0.0	170.2	0.01	99.38
124.0-125.0	0.3	0.0	170.3	0.01	99.40
125.0-126.0	0.3	0.0	170.3	0.01	99.41
126.0-127.0	0.3	0.0	170.3	0.01	99.43
127.0-128.0	0.3	0.0	170.3	0.01	99.44
128.0-129.0	0.3	0.0	170.4	0.01	99.45
129.0-130.0	0.3	0.0	170.4	0.01	99.47
130.0-131.0	0.3	0.0	170.4	0.02	99.48
131.0-132.0	0.3	0.0	170.4	0.02	99.50
132.0-133.0	0.3	0.0	170.5	0.01	99.51
133.0-134.0	0.3	0.0	170.5	0.01	99.53
134.0-135.0	0.3	0.0	170.5	0.01	99.54
135.0-136.0	0.3	0.0	170.5	0.01	99.56
136.0-137.0	0.3	0.0	170.6	0.02	99.57
137.0-138.0	0.4	0.0	170.6	0.02	99.59
138.0-139.0	0.4	0.0	170.6	0.02	99.61
139.0-140.0	0.4	0.0	170.6	0.02	99.62
140.0-141.0	0.4	0.0	170.7	0.02	99.64
141.0-142.0	0.4	0.0	170.7	0.02	99.65
142.0-143.0	0.4	0.0	170.7	0.01	99.67
143.0-144.0	0.4	0.0	170.7	0.02	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	0.4	0.0	170.8	0.02	99.70
145.0-146.0	0.4	0.0	170.8	0.01	99.71
146.0-147.0	0.4	0.0	170.8	0.01	99.73
147.0-148.0	0.4	0.0	170.8	0.01	99.74
148.0-149.0	0.4	0.0	170.9	0.01	99.75
149.0-150.0	0.4	0.0	170.9	0.01	99.77
150.0-151.0	0.4	0.0	170.9	0.01	99.78
151.0-152.0	0.4	0.0	170.9	0.01	99.80
152.0-153.0	0.4	0.0	171.0	0.01	99.81
153.0-154.0	0.5	0.0	171.0	0.01	99.82
154.0-155.0	0.4	0.0	171.0	0.01	99.83
155.0-156.0	0.4	0.0	171.0	0.01	99.85
156.0-157.0	0.5	0.0	171.0	0.01	99.86
157.0-158.0	0.5	0.0	171.1	0.01	99.87
158.0-159.0	0.5	0.0	171.1	0.01	99.88
159.0-160.0	0.5	0.0	171.1	0.01	99.89
160.0-161.0	0.5	0.0	171.1	0.01	99.90
161.0-162.0	0.5	0.0	171.1	0.01	99.91
162.0-163.0	0.5	0.0	171.2	0.01	99.92
163.0-164.0	0.5	0.0	171.2	0.01	99.93
164.0-165.0	0.5	0.0	171.2	0.01	99.94
165.0-166.0	0.5	0.0	171.2	0.01	99.95
166.0-167.0	0.5	0.0	171.2	0.01	99.95
167.0-168.0	0.5	0.0	171.2	0.01	99.96
168.0-169.0	0.5	0.0	171.2	0.01	99.97
169.0-170.0	0.5	0.0	171.2	0.01	99.97
170.0-171.0	0.5	0.0	171.2	0.01	99.98
171.0-172.0	0.5	0.0	171.3	0.00	99.98
172.0-173.0	0.5	0.0	171.3	0.00	99.99
173.0-174.0	0.5	0.0	171.3	0.00	99.99
174.0-175.0	0.5	0.0	171.3	0.00	99.99
175.0-176.0	0.5	0.0	171.3	0.00	100.00
176.0-177.0	0.5	0.0	171.3	0.00	100.00
177.0-178.0	0.5	0.0	171.3	0.00	100.00
178.0-179.0	0.5	0.0	171.3	0.00	100.00
179.0-180.0	0.5	0.0	171.3	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: