

Report No.:

Test Time: 2021/2/5 17:31

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: FLEXBACKLYTE

Lamp Catalog: 5050 RGBW 4IN1

Luminous Length (mm): 304

Luminous Height (mm): 2

Current: 0.230 A

Power Factor: 1.000

Luminaire Description: FBL242022RGB30-RED

Number of Lamps: 144 5050RGBW

Luminous Width (mm): 304

Voltage: 24.0 V

Power: 5.51 W

Photometric Results

CIE Class: Direct

Measurement Flux: 285.8 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(10%,50%): H163.1,H120.5

Vertical Diffuse Angle(10%,50%): V163.6,V120.8

Luminaire Efficacy Rating (LER): 52

Max. Intensity: 91.38 cd

Total Rated Lamp Lumens: 285.8 lm

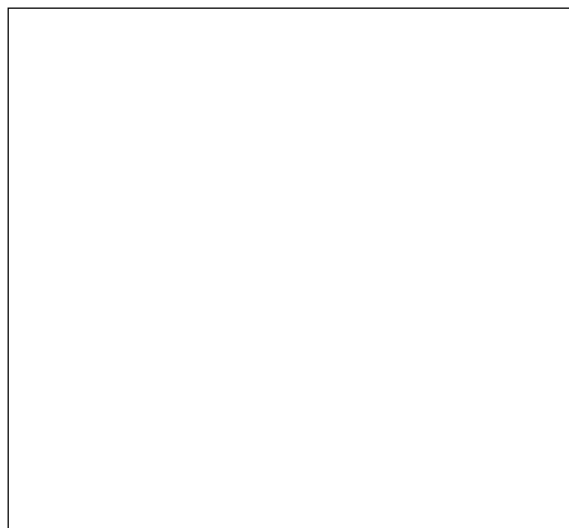
Efficiency: 100%

Upward Ratio: 1%

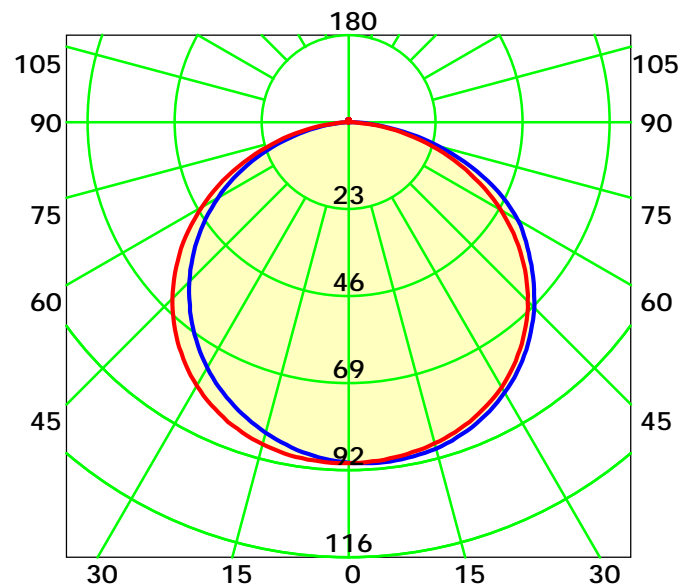
Central Intensity: 90.83 cd

Pos of Max. Intensity: H330 V4

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 120.6° 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

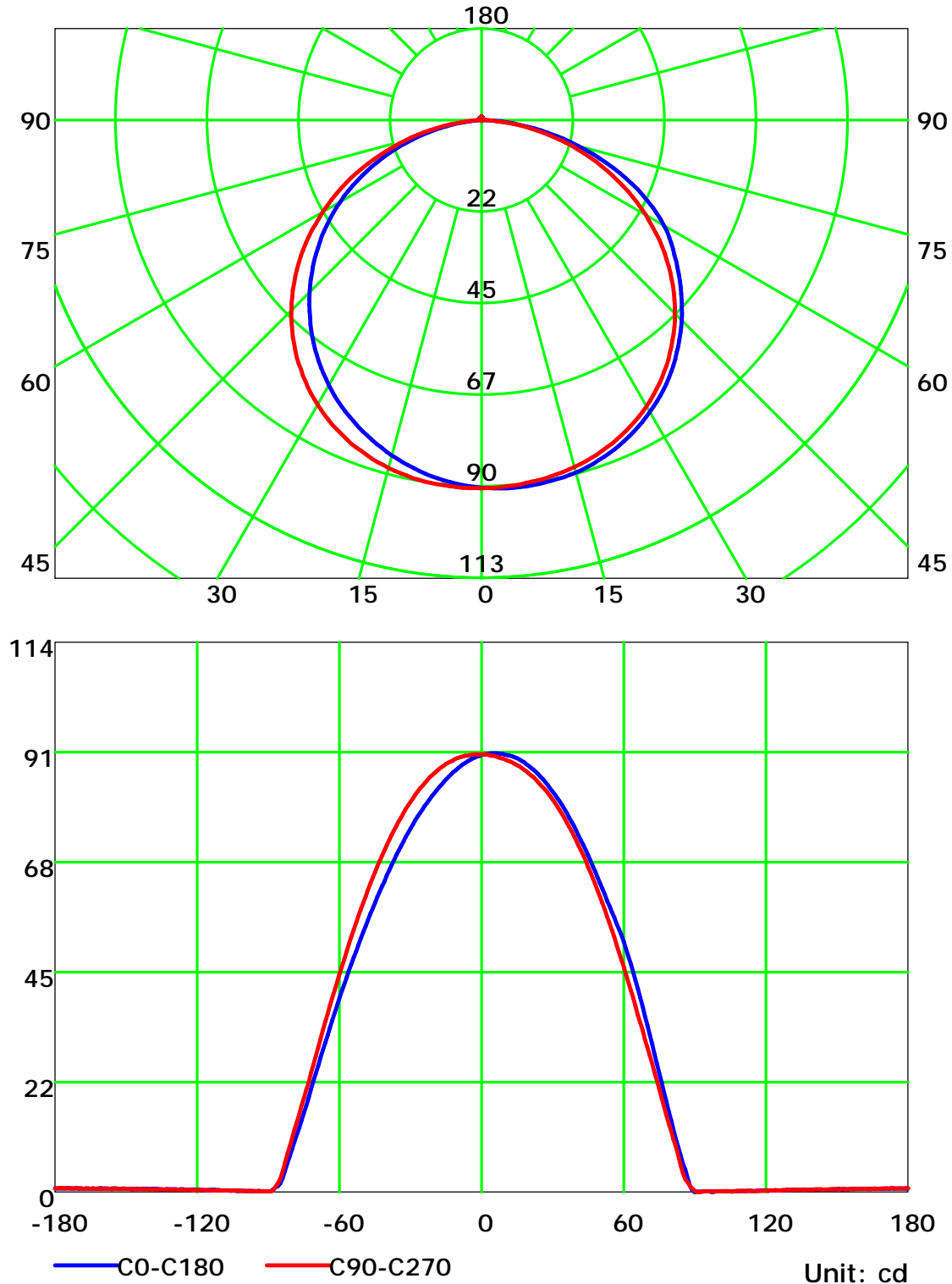
Distance: 9.028 m

Humidity: 60%

Inspector:



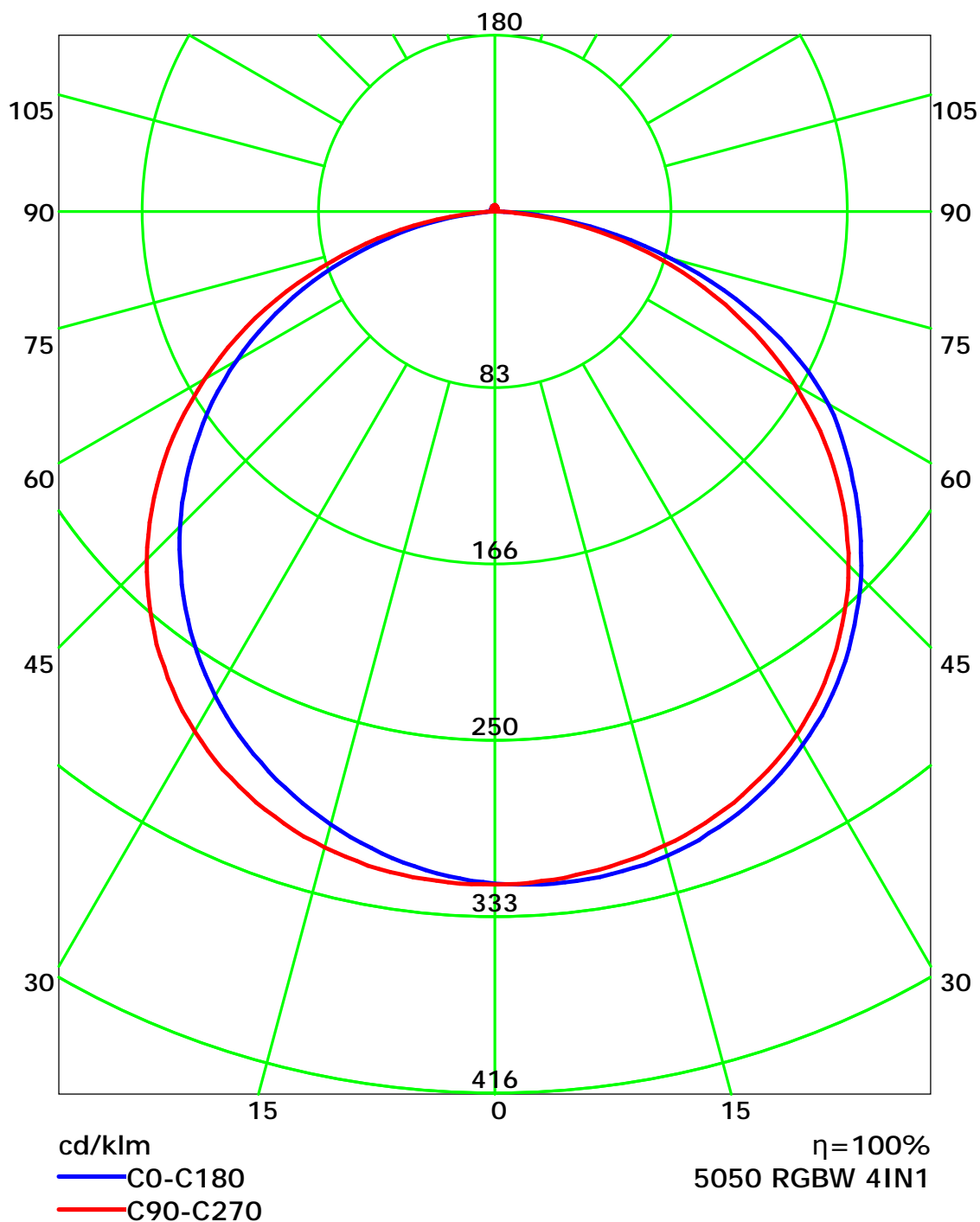
Luminous Intensity Distribution Curve



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:

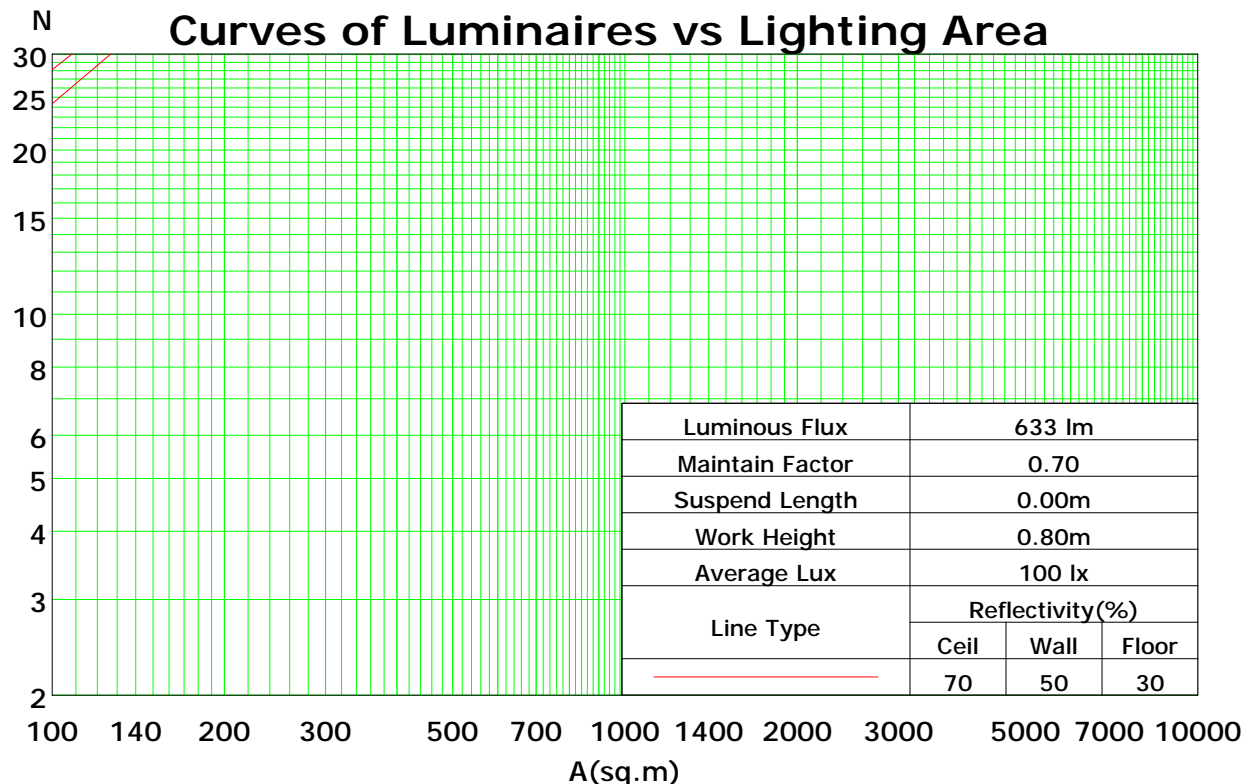
Coefficients Of Utilization - Zonal Cavity Method

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	108	103	99	95	105	101	97	93	97	93	90	92	90	87	89	87	85	82
2	98	90	83	77	95	88	81	76	84	79	74	80	76	72	77	74	70	68
3	89	78	70	63	87	77	69	63	74	67	61	71	65	60	68	63	59	57
4	81	69	60	53	79	68	59	53	65	58	52	63	56	51	60	55	50	48
5	75	62	52	46	73	60	52	45	58	51	45	56	49	44	54	48	44	41
6	69	55	46	40	67	54	46	39	52	45	39	51	44	39	49	43	38	36
7	64	50	41	35	62	49	41	35	48	40	34	46	39	34	45	38	34	32
8	59	46	37	31	58	45	37	31	43	36	31	42	35	30	41	35	30	28
9	55	42	33	28	54	41	33	28	40	33	27	39	32	27	38	32	27	25
10	52	38	30	25	51	38	30	25	37	30	25	36	29	25	35	29	25	23

Spacing Criteria (0-180): 1.30

Spacing Criteria (90-270): 1.33

Spacing Criteria (Diagonal): 1.44



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

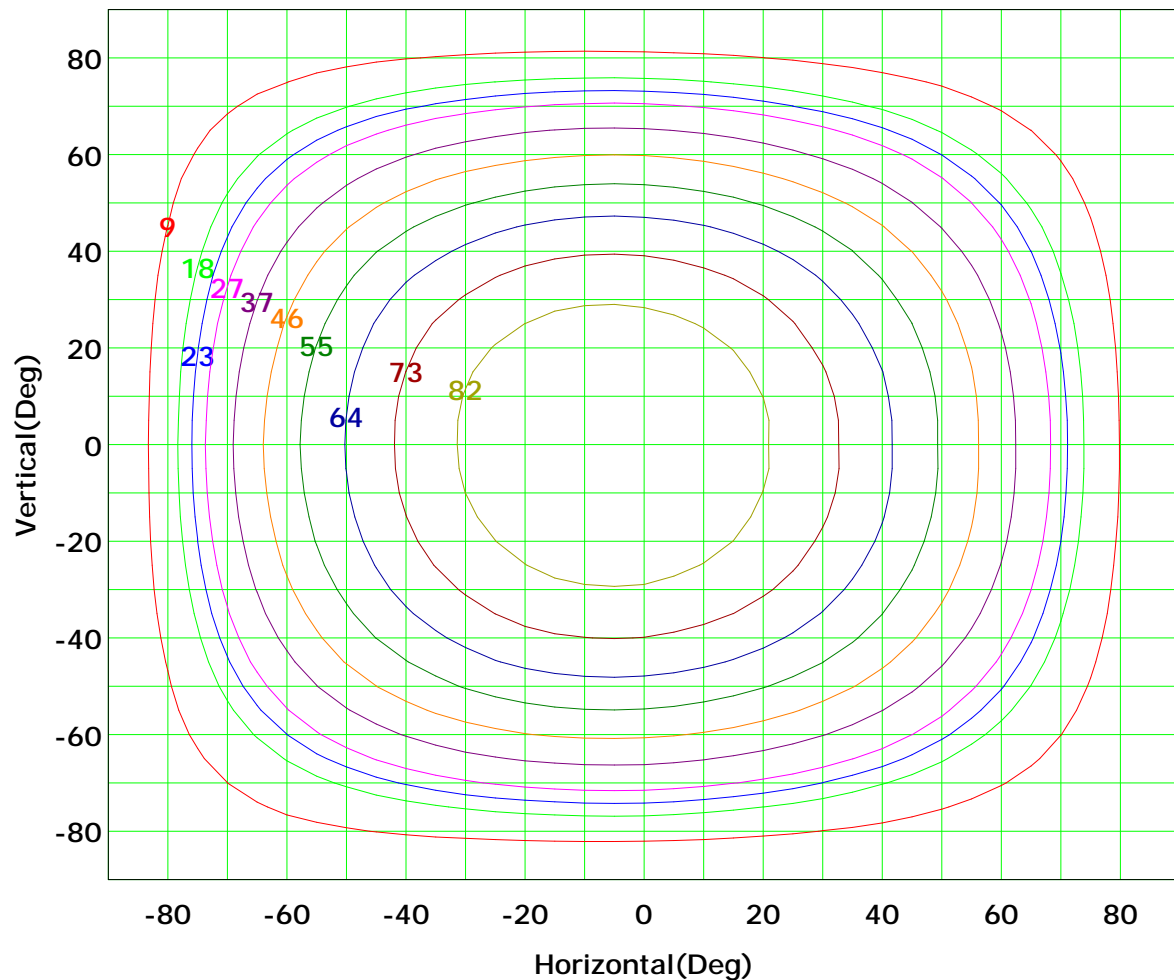
Distance: 9.028 m

Humidity: 60%

Inspector:



Isocandela (rectangle)



I_{max} (100%): 91 cd

(10%):	9 cd	(20%):	18 cd
(25%):	23 cd	(30%):	27 cd
(40%):	37 cd	(50%):	46 cd
(60%):	55 cd	(70%):	64 cd
(80%):	73 cd	(90%):	82 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

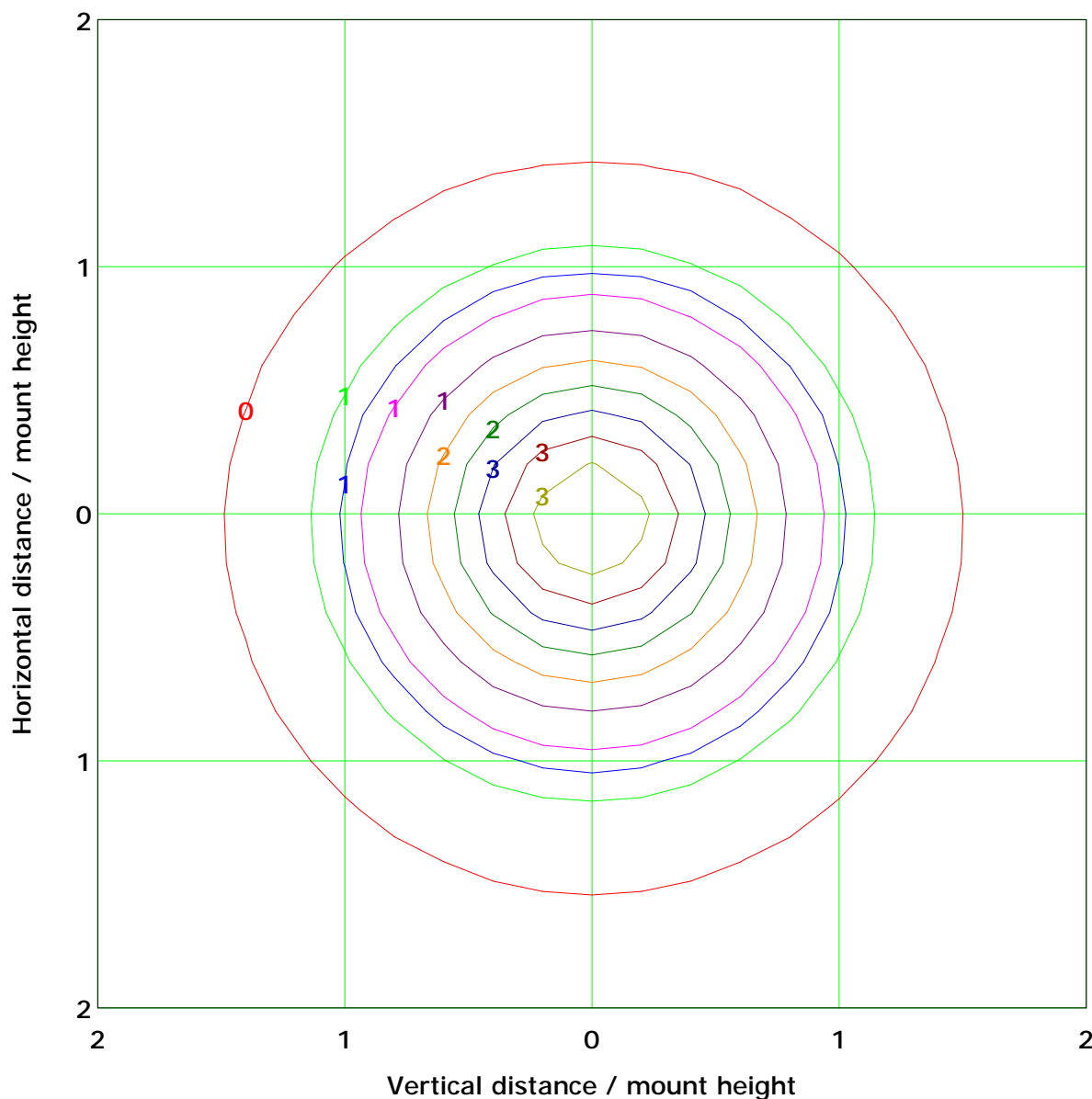
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

IsoLux Plot



Mounting Height: 5.0m Max Lux(100%): 3.6 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

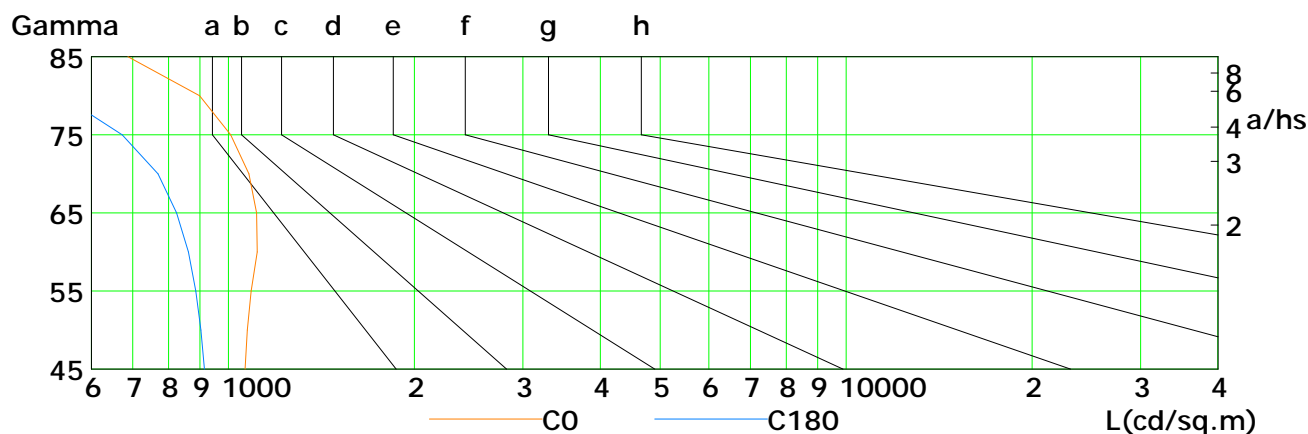
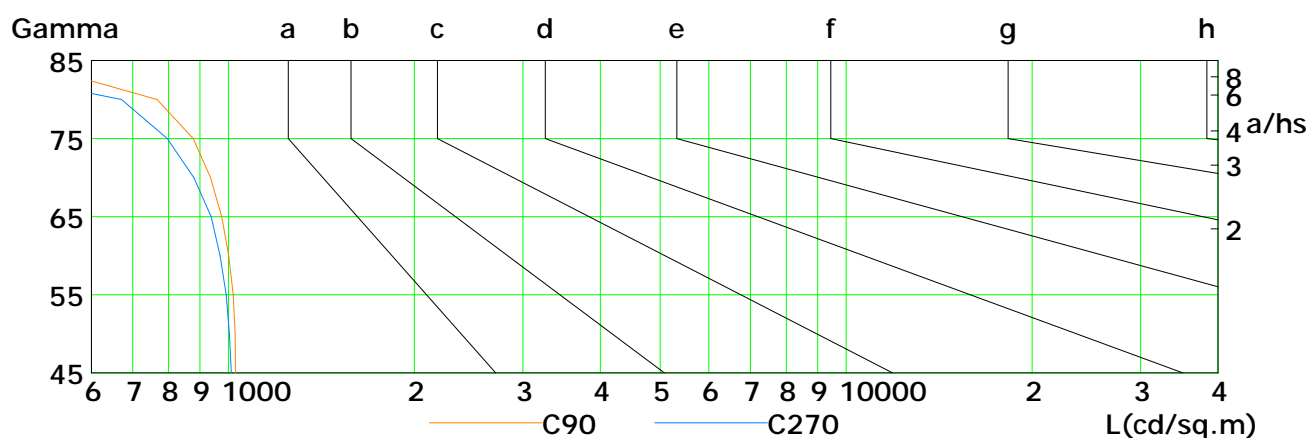
Humidity: 60%

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	1064	1073	1088	1114	1112	1079	1009	898	688
C90	1027	1026	1018	1002	976	936	877	767	462
C180	915	902	886	862	824	769	673	538	218
C270	1011	1004	992	969	937	880	797	672	328

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

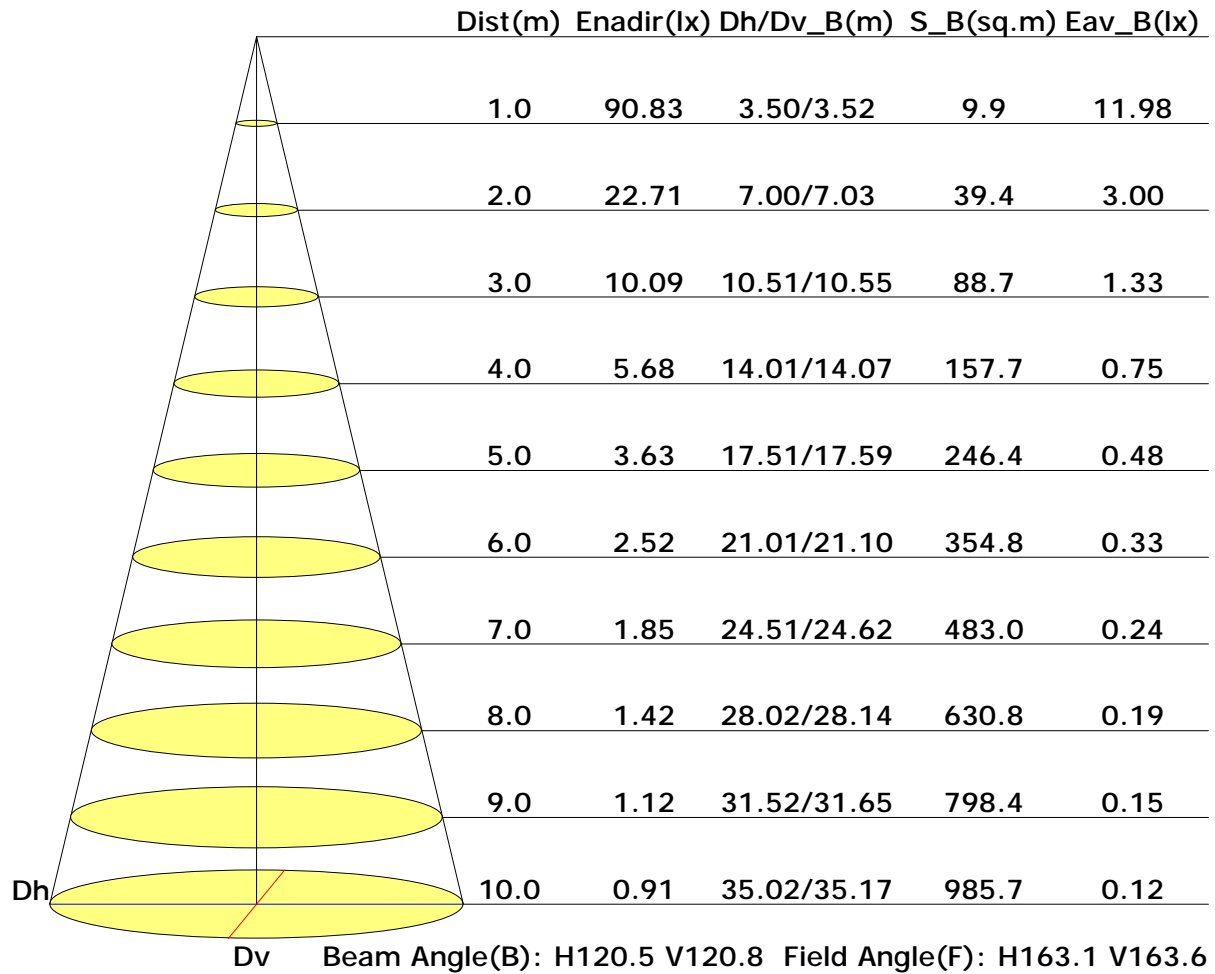
Distance: 9.028 m

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

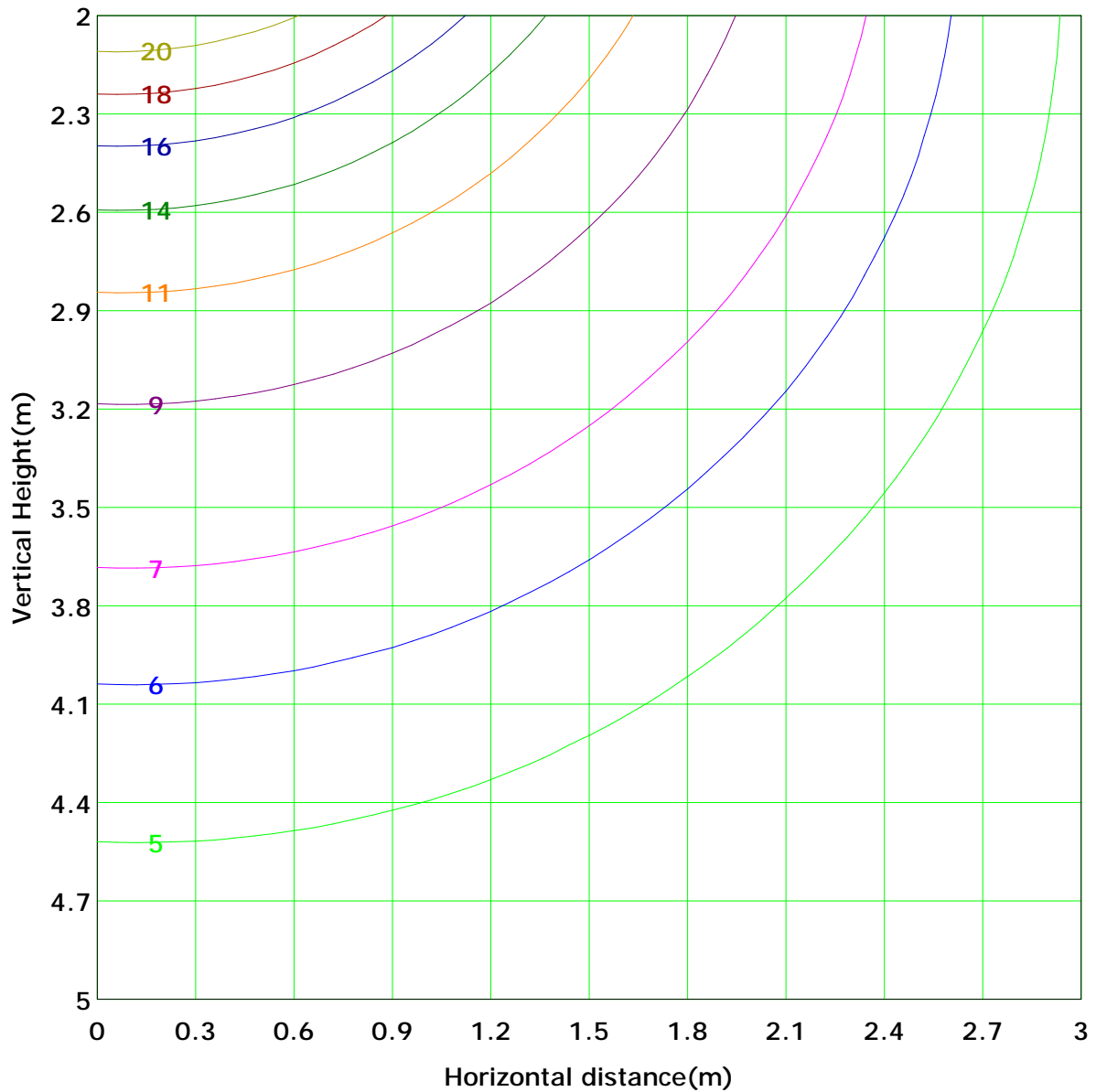
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 22.7 lx
(10%): 2.3 lx	(20%): 4.5 lx	(30%): 6.8 lx
(25%): 5.7 lx	(40%): 9.1 lx	(50%): 11.4 lx
(60%): 13.6 lx	(70%): 15.9 lx	(80%): 18.2 lx
(90%): 20.5 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

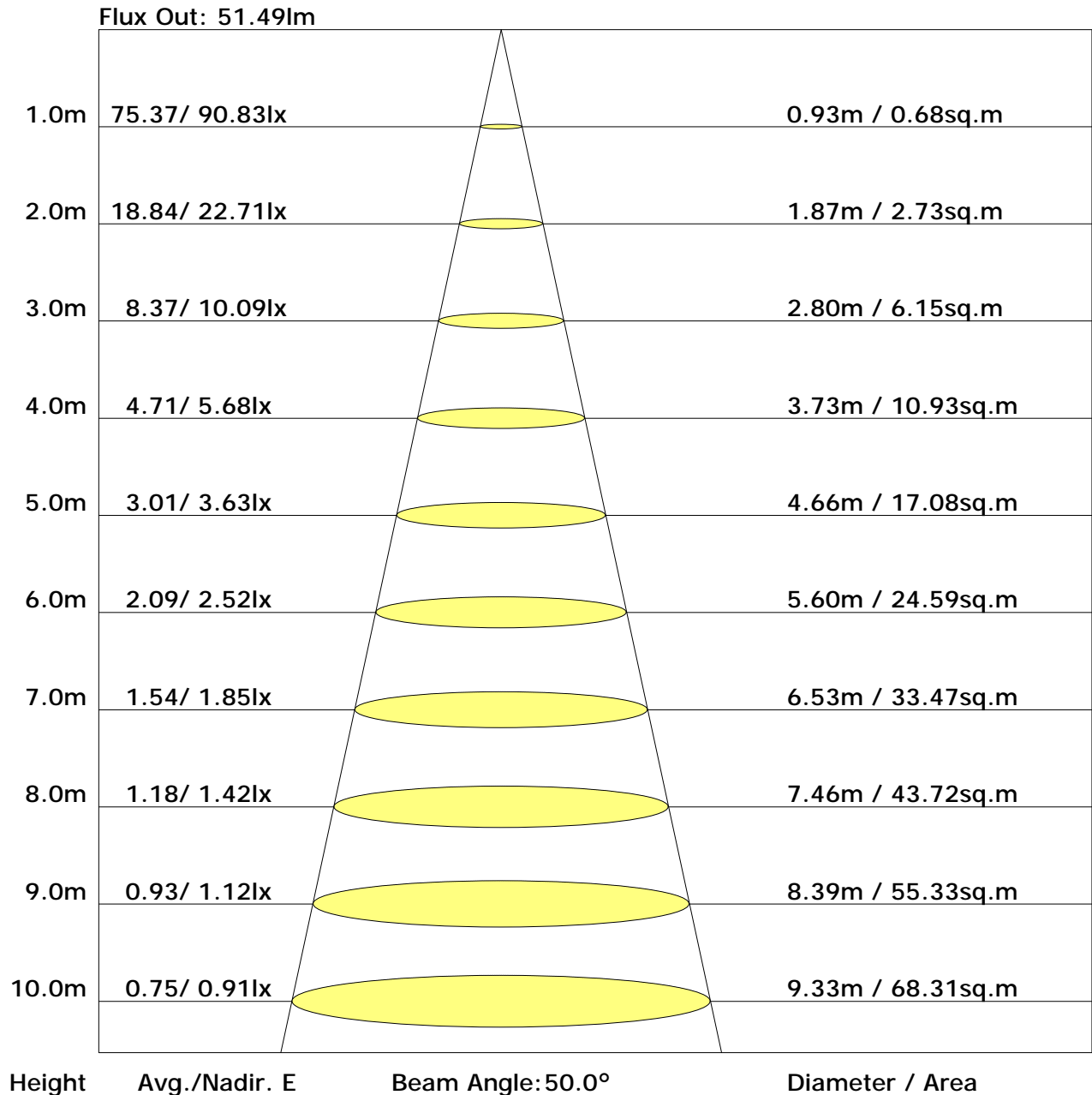
Vertical plane		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
Horizontal plane	-90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
	-80	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0
	-70	0.0	0.0	0.1	0.3	0.4	0.6	0.8	1.0	1.1	1.1	1.1	1.1	0.9	0.8	0.6	0.4	0.3	0.2	0.1	0.0	0.0
	-60	0.0	0.1	0.2	0.4	0.7	1.0	1.2	1.4	1.6	1.6	1.5	1.4	1.1	0.8	0.5	0.3	0.2	0.1	0.0	0.0	0.0
	-50	0.0	0.1	0.3	0.5	0.9	1.2	1.6	1.8	2.0	2.0	1.9	1.7	1.4	1.1	0.8	0.5	0.3	0.2	0.1	0.0	0.0
	-40	0.0	0.1	0.3	0.7	1.1	1.5	1.8	2.1	2.3	2.3	2.2	2.0	1.7	1.4	1.1	0.8	0.5	0.3	0.2	0.1	0.0
	-30	0.0	0.1	0.4	0.7	1.2	1.6	2.0	2.3	2.5	2.5	2.4	2.2	2.0	1.7	1.4	1.1	0.8	0.5	0.3	0.2	0.1
	-20	0.0	0.1	0.4	0.8	1.3	1.7	2.1	2.5	2.7	2.7	2.6	2.4	2.0	1.7	1.4	1.1	0.8	0.5	0.3	0.2	0.1
	-10	0.0	0.1	0.4	0.8	1.3	1.8	2.2	2.5	2.7	2.7	2.6	2.4	2.0	1.7	1.4	1.1	0.8	0.5	0.3	0.2	0.1
	0	0.0	0.1	0.4	0.8	1.3	1.8	2.2	2.5	2.7	2.7	2.6	2.4	2.0	1.7	1.4	1.1	0.8	0.5	0.3	0.2	0.1
	10	0.0	0.1	0.4	0.8	1.3	1.8	2.2	2.5	2.7	2.7	2.6	2.4	2.0	1.7	1.4	1.1	0.8	0.5	0.3	0.2	0.1
	20	0.0	0.1	0.4	0.8	1.3	1.7	2.1	2.5	2.7	2.7	2.6	2.4	2.0	1.7	1.4	1.1	0.8	0.5	0.3	0.2	0.1
	30	0.0	0.1	0.4	0.8	1.2	1.6	2.0	2.3	2.5	2.5	2.4	2.2	2.0	1.7	1.4	1.1	0.8	0.5	0.3	0.2	0.1
	40	0.0	0.1	0.3	0.7	1.1	1.5	1.9	2.1	2.3	2.4	2.3	2.0	1.7	1.3	0.9	0.6	0.4	0.2	0.1	0.0	0.0
	50	0.0	0.1	0.3	0.6	0.9	1.3	1.6	1.9	2.0	2.1	2.0	1.7	1.4	1.1	0.7	0.4	0.2	0.1	0.0	0.0	0.0
	60	0.0	0.1	0.2	0.4	0.7	1.0	1.3	1.5	1.6	1.7	1.6	1.4	1.2	0.9	0.6	0.4	0.2	0.1	0.0	0.0	0.0
	70	0.0	0.0	0.1	0.3	0.5	0.7	0.9	1.0	1.1	1.2	1.1	1.0	0.8	0.6	0.4	0.3	0.2	0.1	0.0	0.0	0.0
	80	0.0	0.0	0.1	0.1	0.2	0.4	0.5	0.6	0.6	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0
	90	0.1	1.4	4.4	8.9	14.3	19.8	24.9	28.9	31.3	31.9	30.5	27.3	22.6	17.0	11.3	6.1	2.1	0.2	0.2	283	280

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



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	17.3	18.9	17.7	19.3	19.6	16.7	18.4	17.1	18.7	19.0
3H	19.3	20.8	19.7	21.1	21.5	18.6	20.1	19.0	20.5	20.8
4H	20.1	21.5	20.5	21.8	22.2	19.3	20.7	19.8	21.1	21.5
6H	20.6	21.9	21.1	22.3	22.7	19.9	21.2	20.3	21.5	21.9
8H	20.8	22.1	21.2	22.5	22.9	20.0	21.2	20.4	21.7	22.1
12H	20.9	22.1	21.4	22.5	23.0	20.1	21.3	20.5	21.7	22.1
X=4H Y=2H	17.9	19.3	18.3	19.7	20.1	17.4	18.8	17.8	19.2	19.6
3H	20.2	21.3	20.6	21.8	22.2	19.5	20.7	19.9	21.1	21.5
4H	21.0	22.1	21.5	22.5	23.0	20.3	21.4	20.8	21.8	22.3
6H	21.7	22.7	22.2	23.1	23.6	21.0	21.9	21.4	22.4	22.8
8H	22.0	22.8	22.4	23.3	23.8	21.2	22.0	21.6	22.5	23.0
12H	22.1	22.9	22.6	23.4	23.9	21.3	22.1	21.8	22.5	23.0
X=8H Y=4H	21.3	22.2	21.8	22.7	23.2	20.7	21.5	21.1	22.0	22.5
6H	22.1	22.9	22.7	23.4	23.9	21.4	22.1	21.9	22.6	23.1
8H	22.5	23.1	23.0	23.6	24.1	21.7	22.3	22.2	22.8	23.3
12H	22.7	23.2	23.2	23.8	24.3	21.8	22.4	22.3	22.9	23.5
X=12H Y=4H	21.4	22.2	21.9	22.6	23.1	20.7	21.5	21.2	22.0	22.5
6H	22.2	22.9	22.8	23.3	23.9	21.5	22.1	22.0	22.6	23.2
8H	22.6	23.1	23.1	23.6	24.2	21.8	22.3	22.3	22.9	23.4

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	0.58	0.67	0.74	0.80	0.87	0.92	0.96	1.00	1.03
	0.30		0.51	0.59	0.67	0.73	0.81	0.86	0.90	0.96	1.00
	0.20		0.45	0.53	0.61	0.67	0.76	0.82	0.86	0.92	0.96
0.50	0.50	0.20	0.56	0.64	0.72	0.77	0.84	0.88	0.92	0.96	0.99
	0.30		0.50	0.58	0.65	0.71	0.79	0.84	0.87	0.92	0.96
	0.20		0.45	0.53	0.60	0.66	0.74	0.80	0.84	0.89	0.93
0.30	0.50	0.20	0.55	0.62	0.69	0.74	0.81	0.85	0.88	0.92	0.95
	0.30		0.49	0.57	0.64	0.69	0.76	0.81	0.85	0.89	0.92
	0.20		0.44	0.52	0.60	0.65	0.73	0.78	0.82	0.87	0.90
0.00	0.00	0.00	0.42	0.49	0.57	0.62	0.69	0.74	0.77	0.82	0.85
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 = 1.50								
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	0.97	0.82	0.70	0.61	0.48	0.40	0.34	0.27	0.22
	0.30		0.81	0.70	0.61	0.54	0.44	0.37	0.32	0.25	0.20
	0.20		0.69	0.61	0.54	0.48	0.40	0.34	0.30	0.24	0.20
0.50	0.50	0.20	0.93	0.79	0.67	0.58	0.46	0.41	0.33	0.25	0.20
	0.30		0.79	0.69	0.59	0.52	0.42	0.35	0.30	0.24	0.20
	0.20		0.68	0.61	0.53	0.47	0.39	0.33	0.29	0.23	0.19
0.30	0.50	0.20	0.90	0.76	0.64	0.55	0.44	0.36	0.31	0.24	0.19
	0.30		0.77	0.67	0.57	0.50	0.41	0.34	0.29	0.23	0.19
	0.20		0.68	0.60	0.52	0.46	0.38	0.32	0.28	0.22	0.18
0.00	0.00	0.00	0.57	0.50	0.42	0.37	0.30	0.25	0.22	0.17	0.14
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 = 1.50									
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	0.17	0.19	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	0.19	0.19	0.20	0.21	0.21	0.21	0.22	
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.17	0.19	0.19	
	0.20		0.06	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17	
0.30	0.50	0.20	0.16	0.17	0.18	0.18	0.19	0.20	0.20	0.21	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	0.08	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	90.9	0.1	0.1	0.03	0.03
1.0-2.0	90.9	0.3	0.3	0.09	0.12
2.0-3.0	90.9	0.4	0.8	0.15	0.27
3.0-4.0	90.8	0.6	1.4	0.21	0.49
4.0-5.0	90.7	0.8	2.2	0.27	0.76
5.0-6.0	90.6	1.0	3.1	0.33	1.09
6.0-7.0	90.5	1.1	4.2	0.39	1.49
7.0-8.0	90.3	1.3	5.5	0.45	1.94
8.0-9.0	90.1	1.5	7.0	0.51	2.45
9.0-10.0	89.9	1.6	8.6	0.57	3.02
10.0-11.0	89.7	1.8	10.4	0.63	3.65
11.0-12.0	89.5	2.0	12.4	0.68	4.33
12.0-13.0	89.2	2.1	14.5	0.74	5.07
13.0-14.0	88.9	2.3	16.8	0.80	5.87
14.0-15.0	88.6	2.4	19.2	0.85	6.72
15.0-16.0	88.3	2.6	21.8	0.91	7.62
16.0-17.0	87.9	2.7	24.5	0.96	8.58
17.0-18.0	87.5	2.9	27.4	1.01	9.59
18.0-19.0	87.1	3.0	30.4	1.06	10.65
19.0-20.0	86.7	3.2	33.6	1.11	11.76
20.0-21.0	86.2	3.3	36.9	1.16	12.92
21.0-22.0	85.8	3.4	40.4	1.21	14.13
22.0-23.0	85.3	3.6	44.0	1.25	15.38
23.0-24.0	84.7	3.7	47.7	1.30	16.68
24.0-25.0	84.1	3.8	51.5	1.34	18.02
25.0-26.0	83.6	3.9	55.4	1.38	19.40
26.0-27.0	82.9	4.1	59.5	1.42	20.82
27.0-28.0	82.3	4.2	63.7	1.46	22.28
28.0-29.0	81.6	4.3	67.9	1.49	23.77
29.0-30.0	80.9	4.4	72.3	1.53	25.30
30.0-31.0	80.2	4.5	76.8	1.56	26.86
31.0-32.0	79.4	4.6	81.3	1.59	28.45
32.0-33.0	78.7	4.6	85.9	1.62	30.08
33.0-34.0	77.8	4.7	90.7	1.65	31.72
34.0-35.0	77.0	4.8	95.4	1.67	33.40
35.0-36.0	76.1	4.8	100.3	1.70	35.09

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	75.2	4.9	105.2	1.72	36.81
37.0-38.0	74.3	5.0	110.1	1.74	38.55
38.0-39.0	73.3	5.0	115.2	1.75	40.30
39.0-40.0	72.3	5.0	120.2	1.77	42.06
40.0-41.0	71.3	5.1	125.3	1.78	43.84
41.0-42.0	70.3	5.1	130.4	1.79	45.63
42.0-43.0	69.2	5.1	135.5	1.79	47.42
43.0-44.0	68.1	5.1	140.6	1.80	49.22
44.0-45.0	67.0	5.1	145.8	1.80	51.02
45.0-46.0	65.8	5.1	150.9	1.80	52.82
46.0-47.0	64.6	5.1	156.1	1.80	54.62
47.0-48.0	63.4	5.1	161.2	1.79	56.41
48.0-49.0	62.2	5.1	166.3	1.79	58.20
49.0-50.0	60.9	5.1	171.4	1.78	59.98
50.0-51.0	59.6	5.0	176.4	1.77	61.74
51.0-52.0	58.3	5.0	181.4	1.75	63.49
52.0-53.0	56.9	5.0	186.4	1.73	65.22
53.0-54.0	55.6	4.9	191.3	1.71	66.94
54.0-55.0	54.2	4.8	196.1	1.69	68.63
55.0-56.0	52.8	4.8	200.9	1.67	70.30
56.0-57.0	51.3	4.7	205.6	1.64	71.94
57.0-58.0	49.9	4.6	210.2	1.61	73.56
58.0-59.0	48.4	4.5	214.7	1.58	75.14
59.0-60.0	46.8	4.4	219.1	1.55	76.69
60.0-61.0	45.3	4.3	223.5	1.51	78.20
61.0-62.0	43.7	4.2	227.7	1.47	79.67
62.0-63.0	42.0	4.1	231.8	1.43	81.10
63.0-64.0	40.4	4.0	235.7	1.39	82.49
64.0-65.0	38.7	3.8	239.6	1.34	83.83
65.0-66.0	37.0	3.7	243.2	1.29	85.12
66.0-67.0	35.2	3.5	246.8	1.24	86.36
67.0-68.0	33.5	3.4	250.2	1.19	87.55
68.0-69.0	31.7	3.2	253.4	1.13	88.68
69.0-70.0	30.0	3.1	256.5	1.08	89.76
70.0-71.0	28.2	2.9	259.4	1.02	90.78
71.0-72.0	26.4	2.7	262.2	0.96	91.74

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	24.6	2.6	264.7	0.90	92.64
73.0-74.0	22.8	2.4	267.1	0.84	93.48
74.0-75.0	21.1	2.2	269.4	0.78	94.26
75.0-76.0	19.3	2.1	271.4	0.72	94.98
76.0-77.0	17.6	1.9	273.3	0.66	95.63
77.0-78.0	16.0	1.7	275.0	0.60	96.23
78.0-79.0	14.3	1.5	276.5	0.54	96.77
79.0-80.0	12.6	1.4	277.9	0.48	97.24
80.0-81.0	11.0	1.2	279.1	0.42	97.66
81.0-82.0	9.3	1.0	280.1	0.35	98.01
82.0-83.0	7.7	0.8	280.9	0.29	98.31
83.0-84.0	6.1	0.7	281.6	0.23	98.54
84.0-85.0	4.6	0.5	282.1	0.17	98.71
85.0-86.0	3.3	0.4	282.5	0.12	98.84
86.0-87.0	2.2	0.2	282.7	0.08	98.92
87.0-88.0	1.3	0.1	282.8	0.05	98.97
88.0-89.0	0.7	0.1	282.9	0.03	99.00
89.0-90.0	0.3	0.0	282.9	0.01	99.01
90.0-91.0	0.2	0.0	283.0	0.01	99.02
91.0-92.0	0.2	0.0	283.0	0.01	99.02
92.0-93.0	0.2	0.0	283.0	0.01	99.03
93.0-94.0	0.2	0.0	283.0	0.01	99.04
94.0-95.0	0.2	0.0	283.0	0.01	99.05
95.0-96.0	0.2	0.0	283.1	0.01	99.06
96.0-97.0	0.2	0.0	283.1	0.01	99.06
97.0-98.0	0.2	0.0	283.1	0.01	99.07
98.0-99.0	0.2	0.0	283.1	0.01	99.08
99.0-100.0	0.2	0.0	283.2	0.01	99.09
100.0-101.0	0.3	0.0	283.2	0.01	99.10
101.0-102.0	0.3	0.0	283.2	0.01	99.11
102.0-103.0	0.3	0.0	283.2	0.01	99.12
103.0-104.0	0.3	0.0	283.3	0.01	99.13
104.0-105.0	0.3	0.0	283.3	0.01	99.14
105.0-106.0	0.3	0.0	283.3	0.01	99.15
106.0-107.0	0.3	0.0	283.4	0.01	99.16
107.0-108.0	0.3	0.0	283.4	0.01	99.17

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	0.3	0.0	283.4	0.01	99.18
109.0-110.0	0.3	0.0	283.5	0.01	99.20
110.0-111.0	0.3	0.0	283.5	0.01	99.21
111.0-112.0	0.4	0.0	283.5	0.01	99.22
112.0-113.0	0.4	0.0	283.6	0.01	99.23
113.0-114.0	0.4	0.0	283.6	0.01	99.25
114.0-115.0	0.4	0.0	283.7	0.01	99.26
115.0-116.0	0.4	0.0	283.7	0.01	99.27
116.0-117.0	0.4	0.0	283.7	0.01	99.29
117.0-118.0	0.4	0.0	283.8	0.01	99.30
118.0-119.0	0.4	0.0	283.8	0.01	99.32
119.0-120.0	0.4	0.0	283.9	0.01	99.33
120.0-121.0	0.4	0.0	283.9	0.01	99.34
121.0-122.0	0.5	0.0	283.9	0.01	99.36
122.0-123.0	0.5	0.0	284.0	0.01	99.37
123.0-124.0	0.5	0.0	284.0	0.02	99.39
124.0-125.0	0.5	0.0	284.1	0.02	99.40
125.0-126.0	0.5	0.0	284.1	0.02	99.42
126.0-127.0	0.5	0.0	284.2	0.02	99.44
127.0-128.0	0.5	0.0	284.2	0.02	99.45
128.0-129.0	0.5	0.0	284.2	0.02	99.47
129.0-130.0	0.5	0.0	284.3	0.02	99.48
130.0-131.0	0.5	0.0	284.3	0.02	99.50
131.0-132.0	0.6	0.0	284.4	0.02	99.51
132.0-133.0	0.6	0.0	284.4	0.02	99.53
133.0-134.0	0.6	0.0	284.5	0.02	99.55
134.0-135.0	0.6	0.0	284.5	0.02	99.56
135.0-136.0	0.6	0.0	284.6	0.02	99.58
136.0-137.0	0.6	0.0	284.6	0.02	99.59
137.0-138.0	0.6	0.0	284.6	0.02	99.61
138.0-139.0	0.6	0.0	284.7	0.02	99.62
139.0-140.0	0.6	0.0	284.7	0.02	99.64
140.0-141.0	0.6	0.0	284.8	0.02	99.65
141.0-142.0	0.6	0.0	284.8	0.02	99.67
142.0-143.0	0.6	0.0	284.9	0.01	99.68
143.0-144.0	0.6	0.0	284.9	0.01	99.70

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 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	284.9	0.01	99.71
145.0-146.0	0.7	0.0	285.0	0.01	99.73
146.0-147.0	0.7	0.0	285.0	0.01	99.74
147.0-148.0	0.7	0.0	285.1	0.01	99.75
148.0-149.0	0.7	0.0	285.1	0.01	99.77
149.0-150.0	0.7	0.0	285.1	0.01	99.78
150.0-151.0	0.7	0.0	285.2	0.01	99.79
151.0-152.0	0.7	0.0	285.2	0.01	99.81
152.0-153.0	0.7	0.0	285.3	0.01	99.82
153.0-154.0	0.7	0.0	285.3	0.01	99.83
154.0-155.0	0.7	0.0	285.3	0.01	99.84
155.0-156.0	0.7	0.0	285.4	0.01	99.86
156.0-157.0	0.7	0.0	285.4	0.01	99.87
157.0-158.0	0.7	0.0	285.4	0.01	99.88
158.0-159.0	0.7	0.0	285.4	0.01	99.89
159.0-160.0	0.7	0.0	285.5	0.01	99.90
160.0-161.0	0.7	0.0	285.5	0.01	99.91
161.0-162.0	0.8	0.0	285.5	0.01	99.92
162.0-163.0	0.8	0.0	285.6	0.01	99.92
163.0-164.0	0.8	0.0	285.6	0.01	99.93
164.0-165.0	0.8	0.0	285.6	0.01	99.94
165.0-166.0	0.8	0.0	285.6	0.01	99.95
166.0-167.0	0.8	0.0	285.6	0.01	99.96
167.0-168.0	0.8	0.0	285.7	0.01	99.96
168.0-169.0	0.8	0.0	285.7	0.01	99.97
169.0-170.0	0.8	0.0	285.7	0.01	99.97
170.0-171.0	0.8	0.0	285.7	0.01	99.98
171.0-172.0	0.8	0.0	285.7	0.00	99.98
172.0-173.0	0.8	0.0	285.7	0.00	99.99
173.0-174.0	0.8	0.0	285.7	0.00	99.99
174.0-175.0	0.8	0.0	285.7	0.00	99.99
175.0-176.0	0.8	0.0	285.8	0.00	100.00
176.0-177.0	0.8	0.0	285.8	0.00	100.00
177.0-178.0	0.8	0.0	285.8	0.00	100.00
178.0-179.0	0.8	0.0	285.8	0.00	100.00
179.0-180.0	0.8	0.0	285.8	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: