

Report No.:

Test Time: 2021/4/9 16:47

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: flexbacklyte VW 26W 304*304

Luminaire Description: VW2400+6000

Lamp Description: 2400+6000K RA>90

Luminous Length (mm): 304

Luminous Height (mm): 3

Current: 1.085 A

Power Factor: 1.000

Lamp Catalog: 2835

Number of Lamps: 144C+144W

Luminous Width (mm): 304

Voltage: 24.0 V

Power: 26.04 W

Photometric Results

CIE Class: Direct

Measurement Flux: 2733.7 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(10%,50%): H160.1,H114.7

Vertical Diffuse Angle(10%,50%): V160.1,V115.1

Luminaire Efficacy Rating (LER): 105

Max. Intensity: 930.59 cd

Total Rated Lamp Lumens: 2733.7 lm

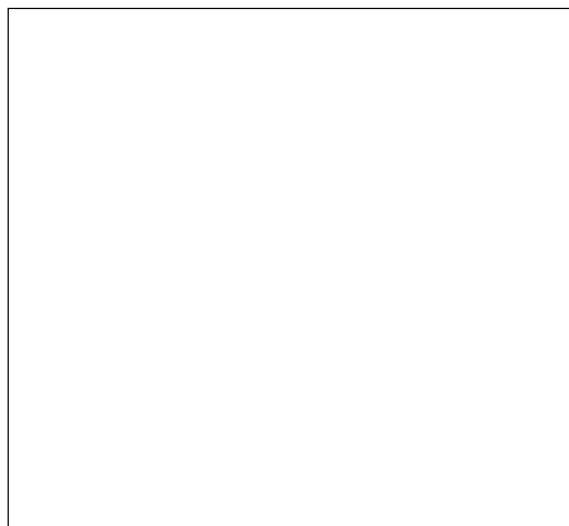
Efficiency: 100%

Upward Ratio: 1%

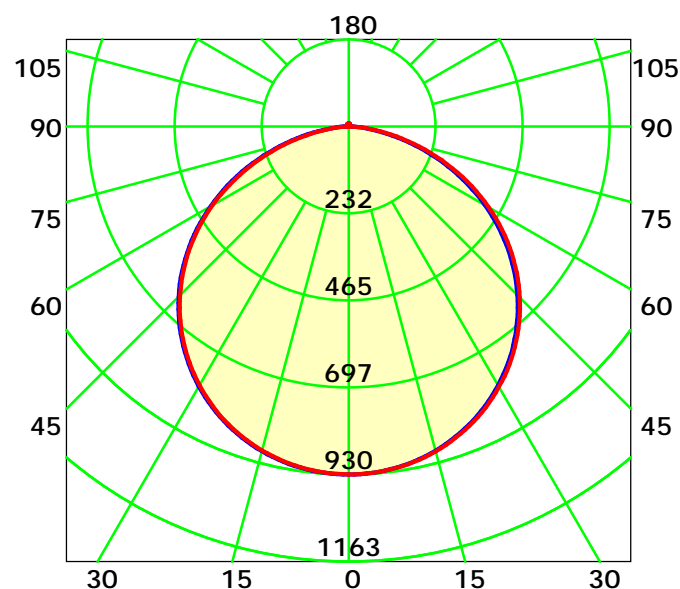
Central Intensity: 930.32 cd

Pos of Max. Intensity: H150 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 114.9° 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

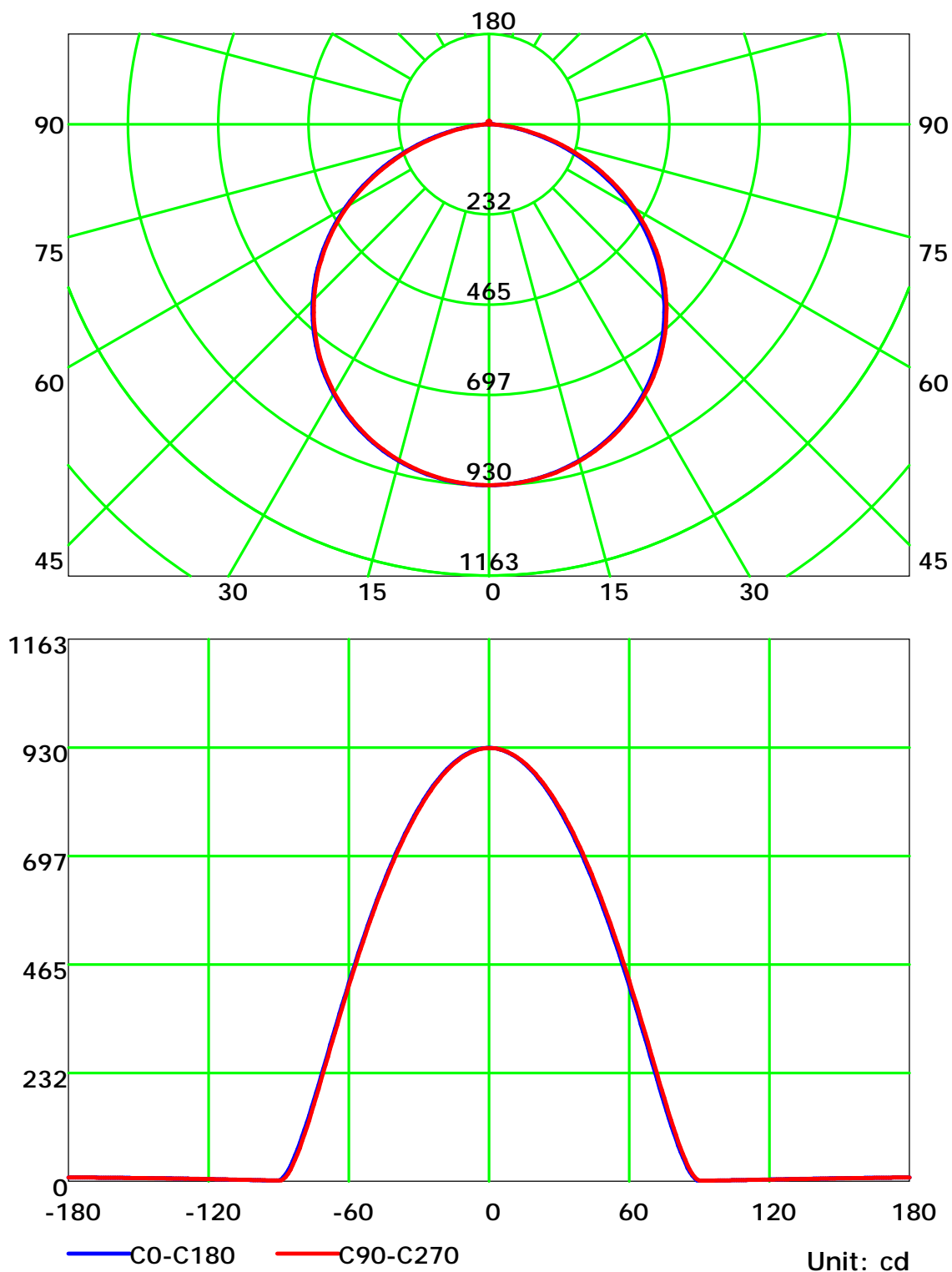
Test Device: GPM-1800B

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

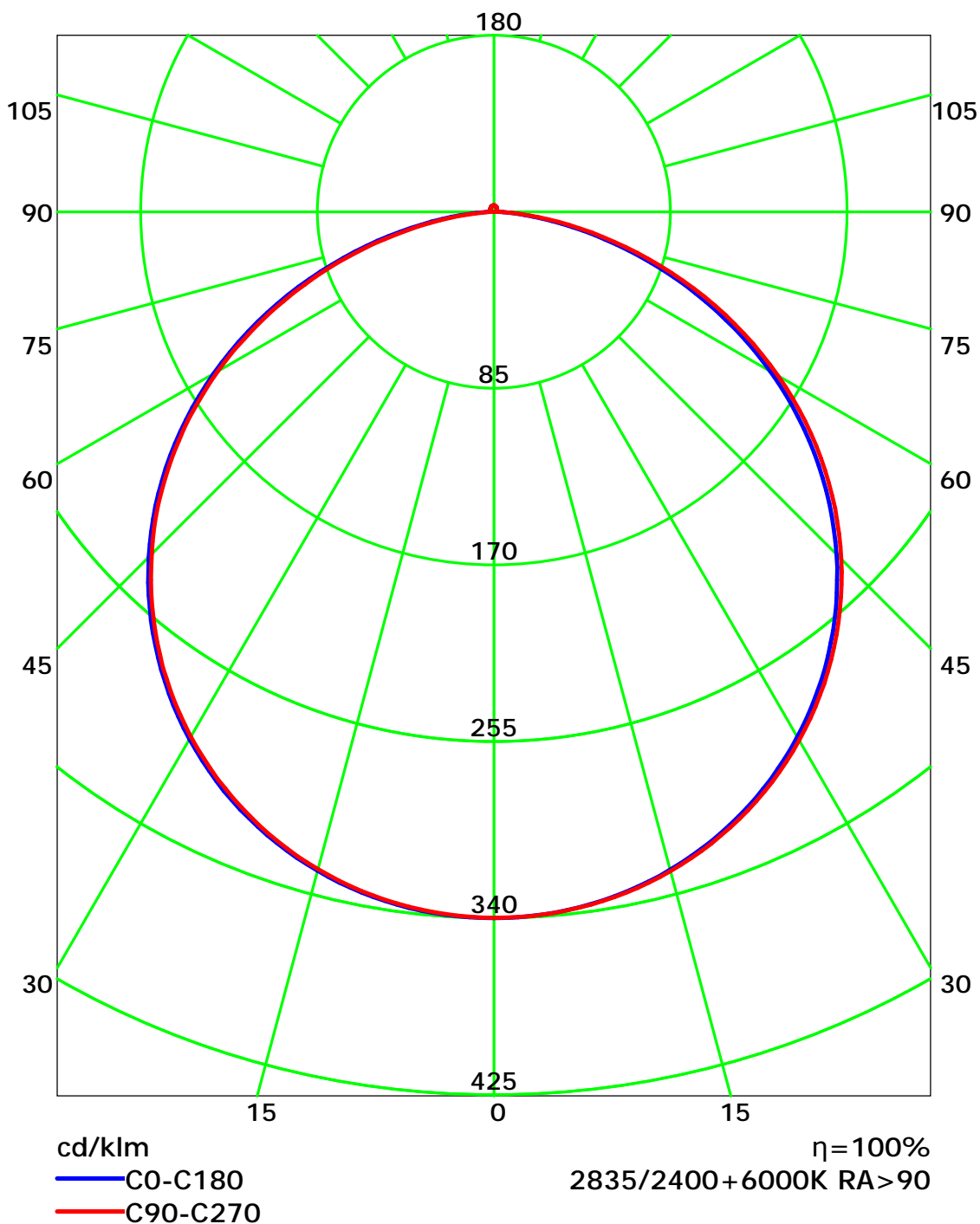
Test Device: GPM-1800B

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:

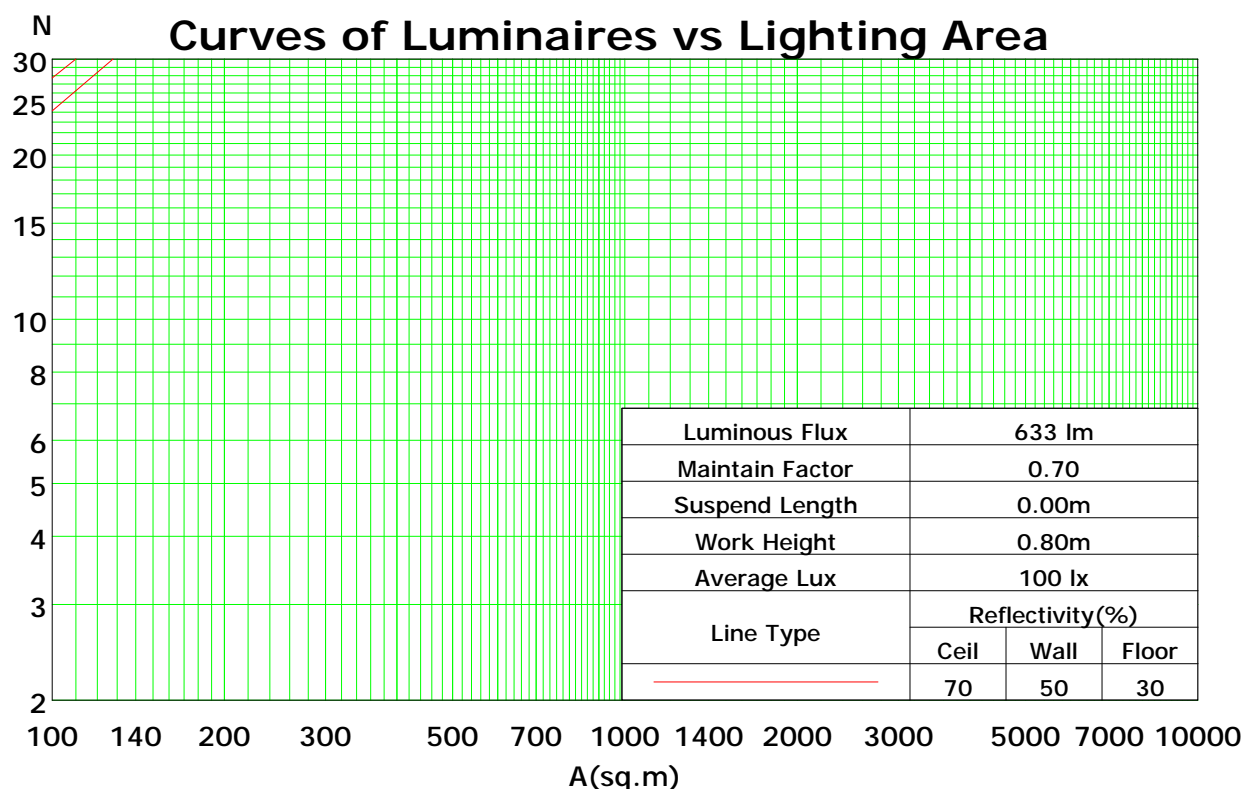
Coefficients Of Utilization - Zonal Cavity Method

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	106	106	106	101	101	101	99
1	109	104	100	96	106	101	98	94	97	94	91	93	90	88	89	87	85	83
2	99	90	84	78	96	88	82	77	85	79	75	81	77	73	78	74	71	69
3	90	79	71	65	87	78	70	64	75	68	63	72	66	61	69	64	60	58
4	82	70	61	55	80	69	61	54	66	59	53	64	57	52	61	56	52	49
5	76	63	54	47	73	61	53	47	59	52	46	57	51	45	55	49	45	43
6	70	56	47	41	68	55	47	41	53	46	40	52	45	40	50	44	39	37
7	65	51	42	36	63	50	42	36	49	41	36	47	40	35	46	39	35	33
8	60	47	38	32	58	46	38	32	44	37	32	43	36	31	42	36	31	29
9	56	43	34	29	55	42	34	29	41	34	28	40	33	28	39	32	28	26
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	25	24

Spacing Criteria (0-180): 1.28

Spacing Criteria (90-270): 1.28

Spacing Criteria (Diagonal): 1.40



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

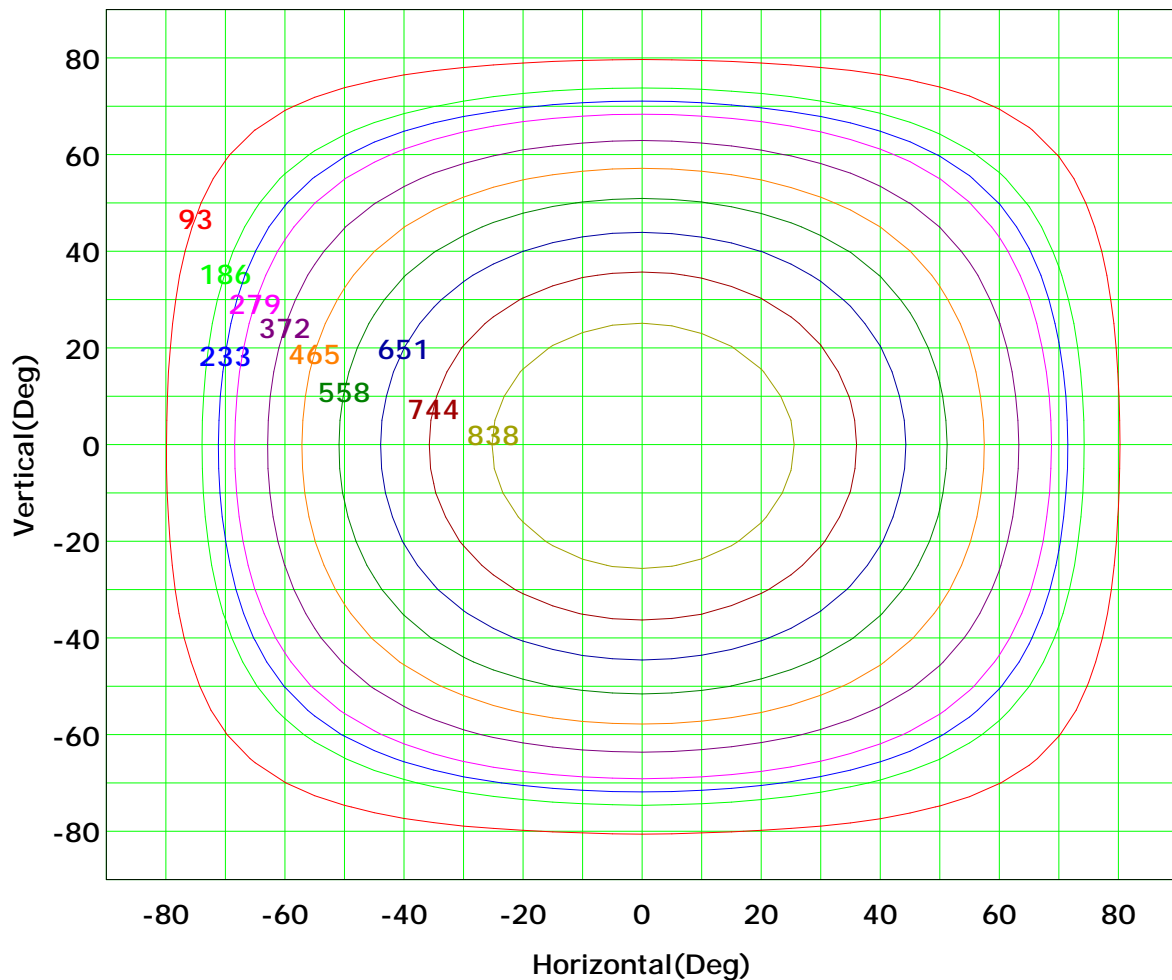
Distance: 9.028 m

Humidity: 60%

Inspector:



Isocandela (rectangle)



I_{max} (100%): 931 cd

(10%): 93 cd	(20%): 186 cd
(25%): 233 cd	(30%): 279 cd
(40%): 372 cd	(50%): 465 cd
(60%): 558 cd	(70%): 651 cd
(80%): 744 cd	(90%): 838 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

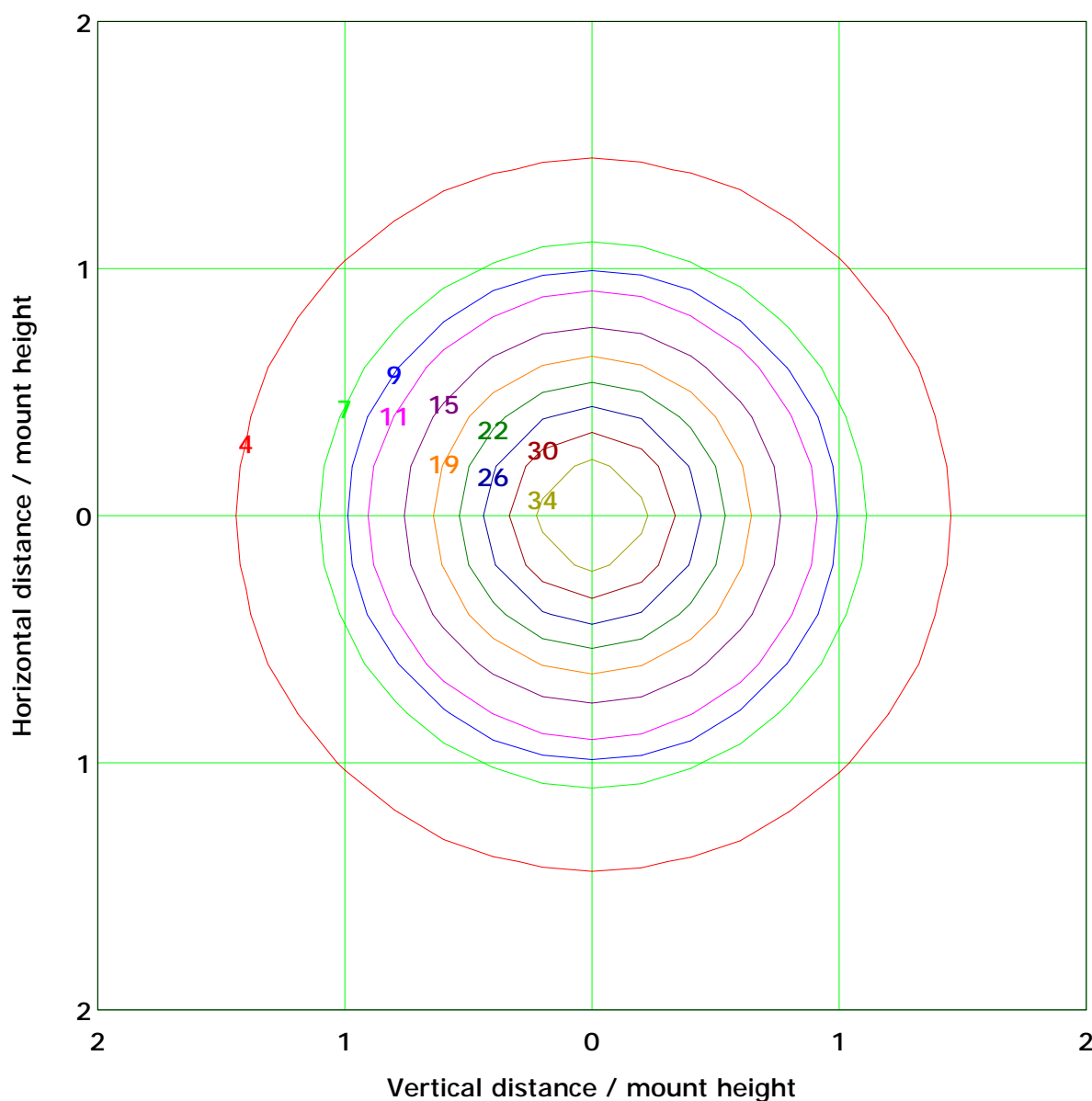
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

IsoLux Plot



Mounting Height: 5.0m		Max Lux(100%): 37.2 lx	
(10%):	3.7 lx	(20%):	7.4 lx
(25%):	9.3 lx	(30%):	11.2 lx
(40%):	14.9 lx	(50%):	18.6 lx
(60%):	22.3 lx	(70%):	26.1 lx
(80%):	29.8 lx	(90%):	33.5 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

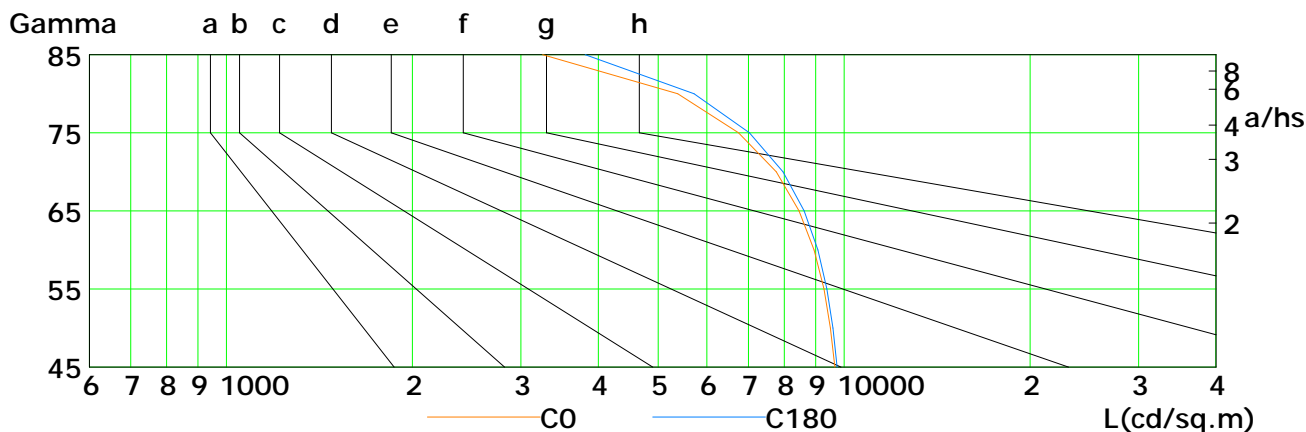
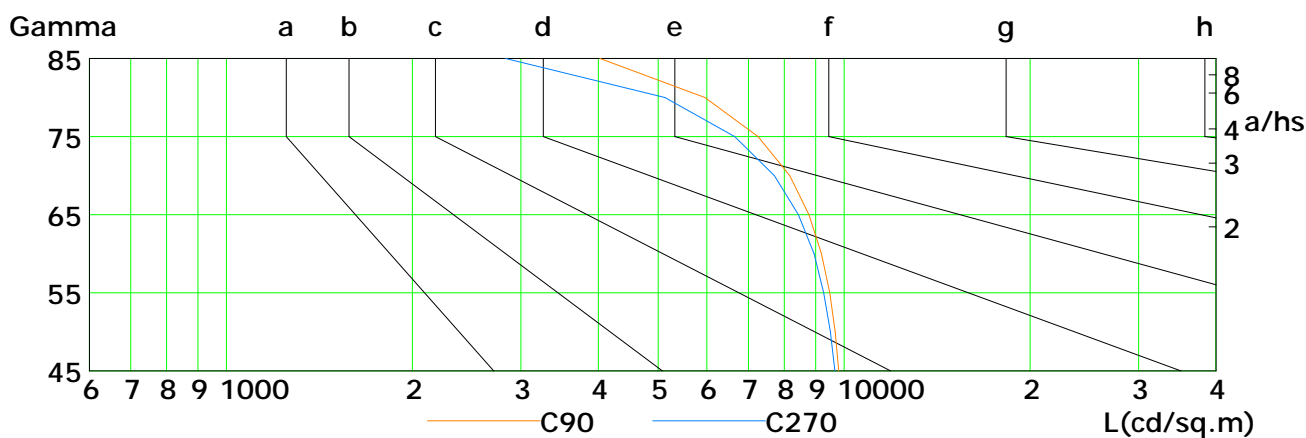
Humidity: 60%

Inspector:

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	9668	9506	9276	8945	8455	7771	6751	5379	3251
C90	9801	9675	9486	9191	8778	8164	7255	5951	4024
C180	9750	9602	9383	9075	8621	7962	7025	5716	3809
C270	9664	9509	9274	8945	8433	7716	6651	5129	2833

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

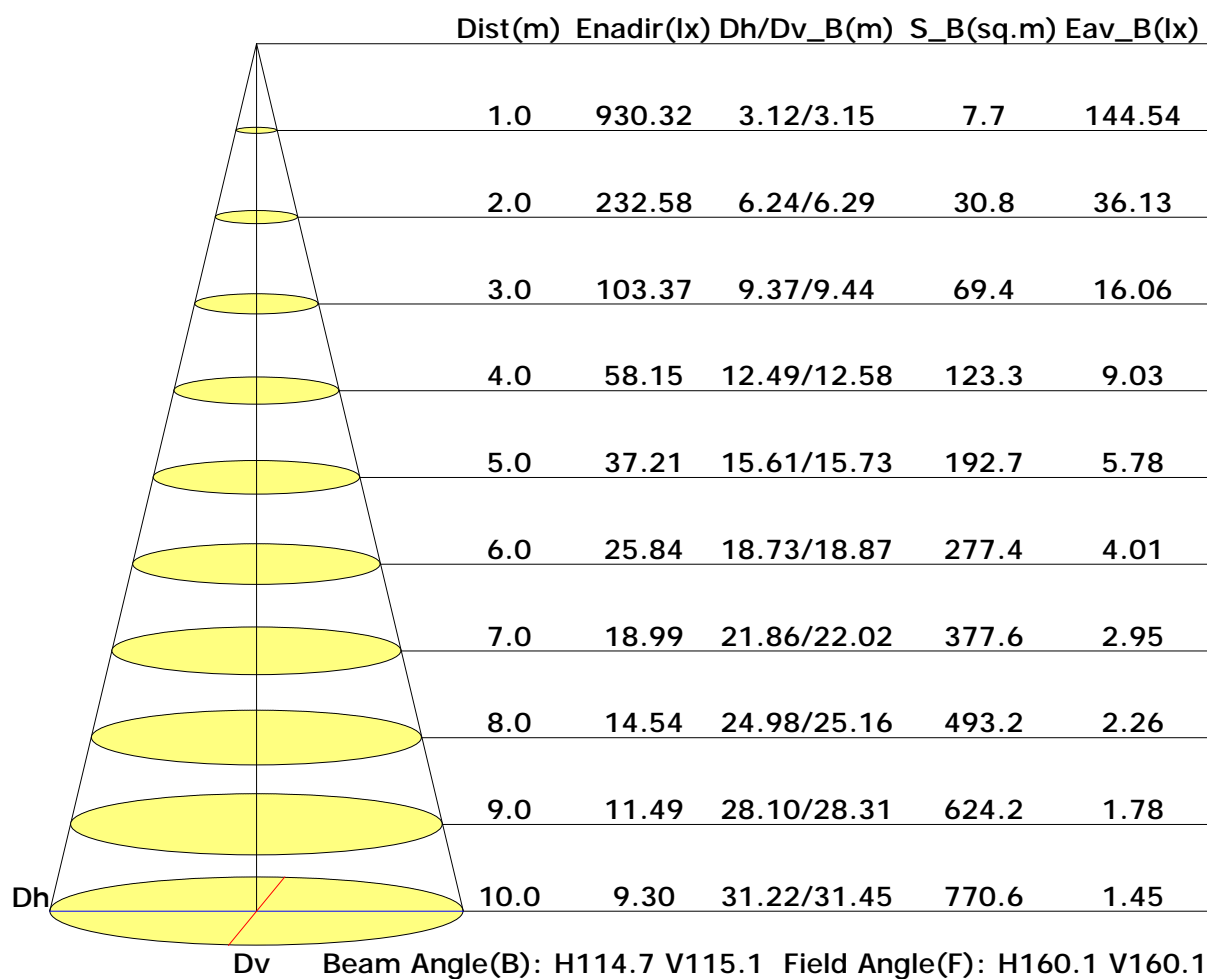
Test Device: GPM-1800B

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

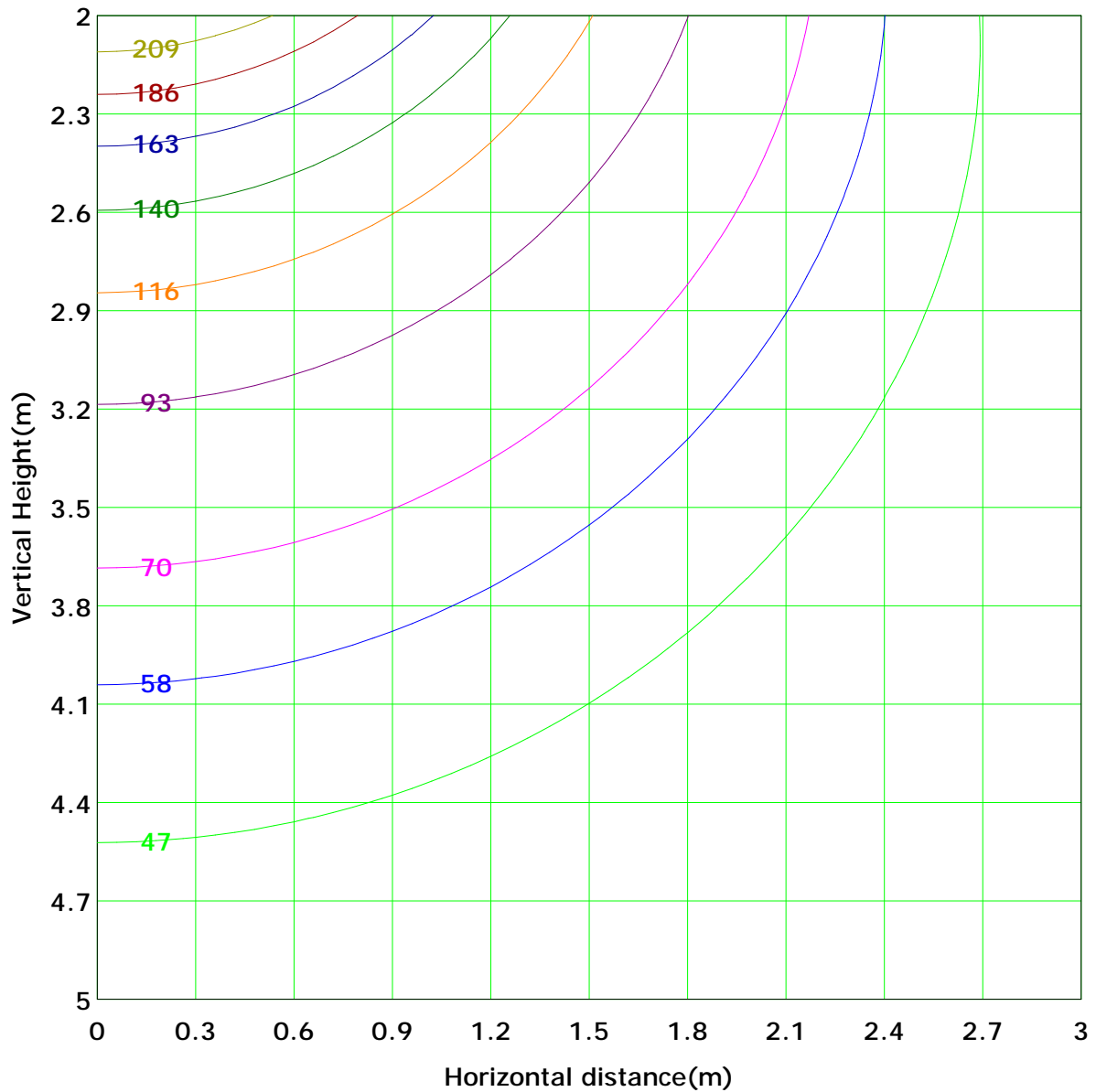
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 232.6 lx
(10%): 23.3 lx	(20%): 46.5 lx	
(25%): 58.1 lx	(30%): 69.8 lx	
(40%): 93.0 lx	(50%): 116.3 lx	
(60%): 139.5 lx	(70%): 162.8 lx	
(80%): 186.1 lx	(90%): 209.3 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:

Area Flux Table

Unit: lm

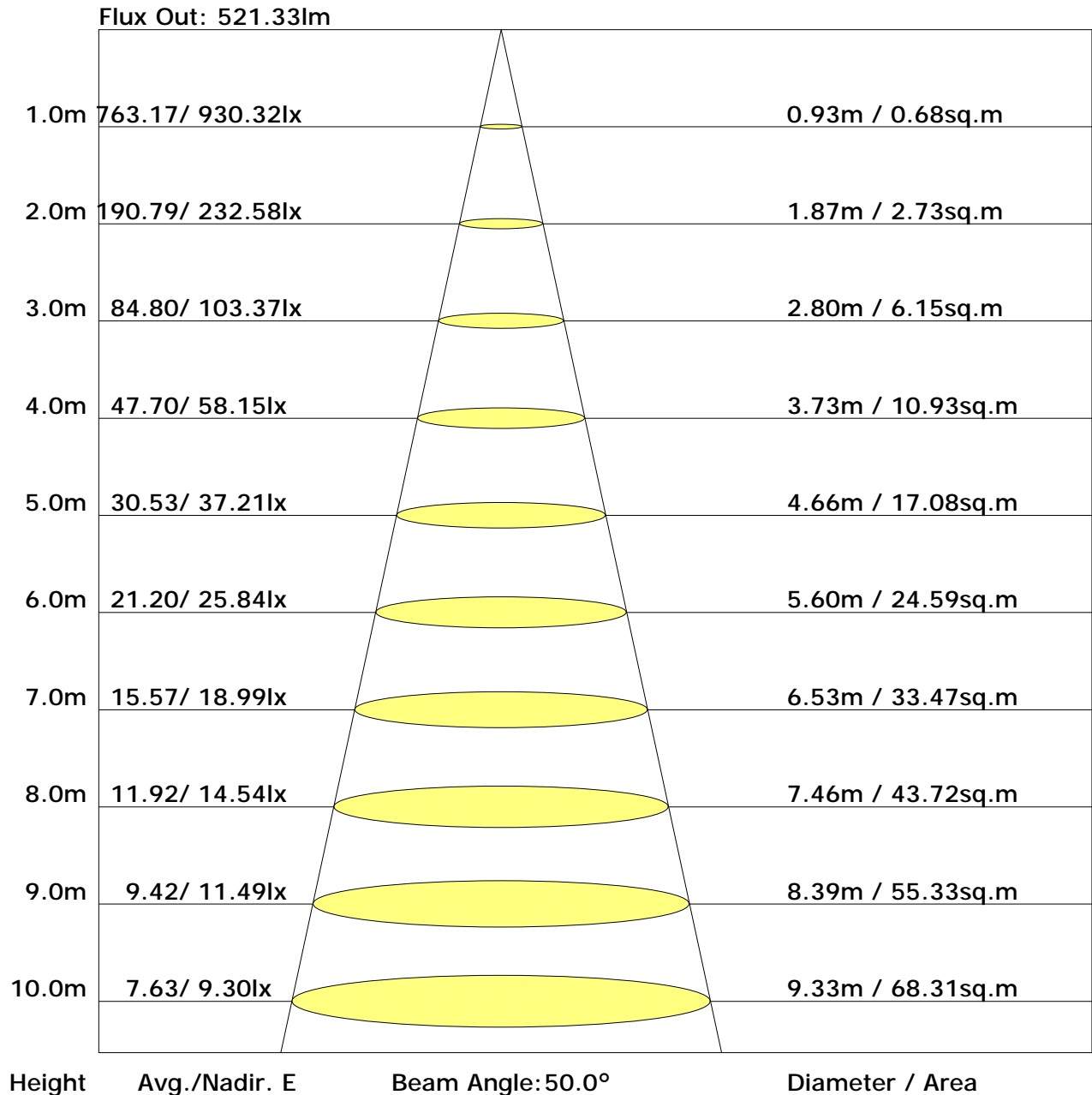
Vertical plane		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
		0.0	0.1	0.1	0.3	0.4	0.6	0.8	0.9	1.0	1.0	0.9	0.8	0.6	0.4	0.3	0.2	0.1	0.0	0.0	8.3	0.0
		0.0	0.2	0.6	1.3	2.1	3.0	3.9	4.6	5.0	5.0	4.6	3.9	3.0	2.1	1.2	0.6	0.2	0.0	0.0	41.2	33.9
		0.0	0.4	1.3	2.7	4.4	6.3	8.0	9.4	10.1	10.1	9.4	8.0	6.3	4.4	2.6	1.2	0.4	0.0	0.0	85.1	83.3
		0.1	0.6	2.0	4.2	6.8	9.6	12.1	14.0	15.0	15.0	14.0	12.1	9.6	6.8	4.1	2.0	0.6	0.1	0.1	128.7	127.8
		0.1	0.9	2.7	5.6	9.0	12.6	15.6	18.0	19.2	19.2	18.0	15.7	12.5	9.0	5.6	2.7	0.8	0.1	0.1	167.2	166.7
		0.1	1.1	3.4	6.8	10.9	15.0	18.5	21.2	22.6	22.6	21.2	18.6	14.9	10.8	6.8	3.3	1.0	0.1	0.1	199.0	198.6
		0.1	1.2	3.9	7.8	12.3	16.8	20.8	23.7	25.2	25.2	23.7	20.8	16.8	12.2	7.7	3.8	1.2	0.1	0.1	223.4	223.1
		0.1	1.4	4.3	8.4	13.3	18.1	22.3	25.3	27.0	27.0	25.4	22.2	18.0	13.2	8.4	4.2	1.3	0.1	0.1	239.9	239.7
		0.1	1.4	4.4	8.8	13.8	18.7	23.0	26.2	27.9	27.9	26.2	23.0	18.6	13.7	8.7	4.4	1.4	0.1	0.1	248.4	248.1
		0.1	1.4	4.5	8.8	13.8	18.7	23.1	26.2	27.9	27.9	26.2	23.0	18.7	13.7	8.7	4.4	1.4	0.1	0.1	248.6	248.3
		0.1	1.4	4.3	8.5	13.3	18.1	22.3	25.4	27.1	27.1	25.4	22.3	18.1	13.2	8.4	4.2	1.3	0.1	0.1	240.7	240.4
		0.1	1.3	3.9	7.8	12.4	16.9	20.9	23.8	25.4	25.4	23.8	20.9	16.9	12.3	7.8	3.9	1.2	0.1	0.1	224.7	224.4
		0.1	1.1	3.4	6.9	11.0	15.1	18.7	21.4	22.8	22.8	21.4	18.7	15.1	11.0	6.9	3.4	1.0	0.1	0.1	200.9	200.5
		0.1	0.9	2.8	5.7	9.2	12.7	15.9	18.2	19.5	19.5	18.2	15.9	12.7	9.2	5.7	2.7	0.8	0.1	0.1	169.8	169.2
		0.1	0.6	2.1	4.3	7.0	9.9	12.4	14.3	15.3	15.3	14.3	12.4	9.9	7.0	4.3	2.0	0.6	0.1	0.1	131.9	131.1
		0.0	0.4	1.3	2.8	4.6	6.6	8.4	9.8	10.5	10.5	9.8	8.4	6.6	4.6	2.7	1.3	0.4	0.0	0.0	88.9	87.2
		0.0	0.2	0.6	1.4	2.3	3.3	4.3	5.0	5.4	5.4	5.0	4.3	3.3	2.3	1.3	0.6	0.2	0.0	0.0	44.9	39.3
		0.0	0.1	0.2	0.3	0.5	0.8	1.0	1.1	1.2	1.2	1.1	1.0	0.8	0.5	0.3	0.2	0.0	0.0	0.0	10.4	0.2
		1.5	14.6	45.8	92.3	147.2	2202.9	252.0	288.5	308.0	308.1	288.7	251.9	202.4	146.5	91.4	45.0	14.0	1.3	2702		
		0.0	11.9	43.4	89.9	144.9	2200.6	249.8	286.2	305.8	305.9	286.4	249.7	200.2	144.2	89.0	42.6	11.2	0.0			2662

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	16.4	18.0	16.8	18.3	18.7	16.5	18.1	16.9	18.5	18.8
3H	18.1	19.5	18.5	19.9	20.3	18.3	19.7	18.7	20.1	20.5
4H	18.7	20.0	19.1	20.4	20.8	18.9	20.3	19.3	20.6	21.0
6H	19.0	20.3	19.5	20.7	21.1	19.3	20.6	19.7	21.0	21.4
8H	19.1	20.3	19.6	20.7	21.2	19.4	20.6	19.9	21.0	21.5
12H	19.2	20.3	19.6	20.7	21.2	19.5	20.6	19.9	21.0	21.5
X=4H Y=2H	17.0	18.4	17.4	18.7	19.1	17.1	18.5	17.6	18.9	19.3
3H	18.9	20.1	19.3	20.5	20.9	19.1	20.3	19.5	20.7	21.1
4H	19.6	20.6	20.0	21.1	21.5	19.8	20.9	20.3	21.3	21.8
6H	20.1	21.0	20.5	21.4	21.9	20.4	21.3	20.8	21.7	22.2
8H	20.2	21.0	20.7	21.5	22.0	20.5	21.3	21.0	21.8	22.3
12H	20.2	21.0	20.7	21.5	22.0	20.6	21.3	21.1	21.8	22.3
X=8H Y=4H	19.9	20.7	20.3	21.2	21.7	20.1	20.9	20.6	21.4	21.9
6H	20.4	21.1	20.9	21.6	22.1	20.7	21.4	21.2	21.9	22.4
8H	20.6	21.2	21.1	21.7	22.2	20.9	21.5	21.4	22.1	22.6
12H	20.7	21.2	21.2	21.7	22.3	21.0	21.6	21.6	22.1	22.7
X=12H Y=4H	19.9	20.6	20.4	21.1	21.6	20.1	20.9	20.6	21.4	21.9
6H	20.5	21.1	21.0	21.6	22.1	20.7	21.4	21.3	21.9	22.4
8H	20.7	21.2	21.2	21.7	22.3	21.0	21.5	21.5	22.0	22.6

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	0.56	0.67	0.74	0.79	0.87	0.92	0.96	1.00	1.03
	0.30		0.48	0.59	0.67	0.72	0.81	0.86	0.90	0.96	1.00
	0.20		0.42	0.53	0.61	0.67	0.76	0.82	0.86	0.92	0.96
0.50	0.50	0.20	0.54	0.64	0.71	0.77	0.84	0.88	0.92	0.96	0.99
	0.30		0.47	0.58	0.65	0.71	0.78	0.84	0.87	0.93	0.96
	0.20		0.42	0.52	0.60	0.66	0.74	0.80	0.84	0.90	0.93
0.30	0.50	0.20	0.53	0.62	0.69	0.74	0.81	0.85	0.88	0.92	0.95
	0.30		0.46	0.56	0.64	0.69	0.76	0.81	0.85	0.89	0.92
	0.20		0.42	0.52	0.59	0.65	0.72	0.78	0.82	0.87	0.90
0.00	0.00	0.00	0.39	0.49	0.56	0.61	0.69	0.74	0.77	0.82	0.85
Rating: 26W 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	1.00	0.83	0.70	0.61	0.49	0.40	0.34	0.26	0.22
	0.30		0.84	0.71	0.61	0.54	0.44	0.37	0.32	0.25	0.21
	0.20		0.72	0.62	0.54	0.48	0.40	0.34	0.30	0.23	0.20
0.50	0.50	0.20	0.96	0.79	0.67	0.58	0.46	0.42	0.33	0.25	0.20
	0.30		0.82	0.69	0.59	0.52	0.42	0.35	0.31	0.24	0.20
	0.20		0.71	0.61	0.53	0.47	0.39	0.33	0.29	0.23	0.19
0.30	0.50	0.20	0.94	0.76	0.64	0.56	0.44	0.36	0.31	0.24	0.20
	0.30		0.80	0.67	0.58	0.51	0.41	0.34	0.29	0.23	0.19
	0.20		0.70	0.60	0.52	0.46	0.38	0.32	0.28	0.22	0.18
0.00	0.00	0.00	0.60	0.50	0.43	0.38	0.30	0.25	0.22	0.17	0.14
Rating: 26W 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	0.18	0.19	0.20	0.20	0.21	0.22	0.22	0.23	0.23	
	0.30		0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.20	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	0.17	0.18	0.19	0.19	0.20	0.21	0.21	0.22	0.22	
	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	0.13	0.15	0.16	0.17	
0.30	0.50	0.20	0.16	0.17	0.18	0.19	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	0.09	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: 26W 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	930.2	0.9	0.9	0.03	0.03
1.0-2.0	929.9	2.7	3.6	0.10	0.13
2.0-3.0	929.3	4.4	8.0	0.16	0.29
3.0-4.0	928.5	6.2	14.2	0.23	0.52
4.0-5.0	927.3	8.0	22.2	0.29	0.81
5.0-6.0	925.9	9.7	31.9	0.36	1.17
6.0-7.0	924.2	11.5	43.4	0.42	1.59
7.0-8.0	922.2	13.2	56.6	0.48	2.07
8.0-9.0	919.9	14.9	71.5	0.55	2.62
9.0-10.0	917.3	16.6	88.1	0.61	3.22
10.0-11.0	914.4	18.3	106.4	0.67	3.89
11.0-12.0	911.3	19.9	126.3	0.73	4.62
12.0-13.0	907.8	21.5	147.9	0.79	5.41
13.0-14.0	904.1	23.1	171.0	0.85	6.26
14.0-15.0	900.0	24.7	195.7	0.90	7.16
15.0-16.0	895.7	26.2	222.0	0.96	8.12
16.0-17.0	891.1	27.8	249.7	1.02	9.13
17.0-18.0	886.2	29.2	278.9	1.07	10.20
18.0-19.0	881.0	30.7	309.6	1.12	11.33
19.0-20.0	875.6	32.1	341.6	1.17	12.50
20.0-21.0	869.8	33.4	375.1	1.22	13.72
21.0-22.0	863.8	34.7	409.8	1.27	14.99
22.0-23.0	857.5	36.0	445.8	1.32	16.31
23.0-24.0	850.8	37.2	483.0	1.36	17.67
24.0-25.0	843.9	38.4	521.3	1.40	19.07
25.0-26.0	836.8	39.5	560.8	1.45	20.52
26.0-27.0	829.3	40.6	601.4	1.48	22.00
27.0-28.0	821.5	41.6	643.0	1.52	23.52
28.0-29.0	813.4	42.6	685.6	1.56	25.08
29.0-30.0	805.2	43.5	729.1	1.59	26.67
30.0-31.0	796.6	44.3	773.4	1.62	28.29
31.0-32.0	787.7	45.1	818.5	1.65	29.94
32.0-33.0	778.6	45.9	864.4	1.68	31.62
33.0-34.0	769.2	46.6	911.0	1.70	33.32
34.0-35.0	759.4	47.2	958.1	1.73	35.05
35.0-36.0	749.6	47.7	1005.9	1.75	36.79

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	739.3	48.2	1054.1	1.76	38.56
37.0-38.0	728.7	48.6	1102.7	1.78	40.34
38.0-39.0	718.0	49.0	1151.7	1.79	42.13
39.0-40.0	706.9	49.3	1201.1	1.80	43.93
40.0-41.0	695.5	49.5	1250.6	1.81	45.75
41.0-42.0	683.9	49.7	1300.3	1.82	47.56
42.0-43.0	672.1	49.8	1350.1	1.82	49.39
43.0-44.0	660.0	49.8	1399.9	1.82	51.21
44.0-45.0	647.7	49.8	1449.7	1.82	53.03
45.0-46.0	635.0	49.7	1499.4	1.82	54.85
46.0-47.0	622.2	49.5	1548.8	1.81	56.66
47.0-48.0	609.1	49.2	1598.1	1.80	58.46
48.0-49.0	595.8	48.9	1647.0	1.79	60.25
49.0-50.0	582.2	48.5	1695.6	1.78	62.02
50.0-51.0	568.2	48.1	1743.6	1.76	63.78
51.0-52.0	554.1	47.6	1791.2	1.74	65.52
52.0-53.0	539.7	47.0	1838.1	1.72	67.24
53.0-54.0	525.0	46.3	1884.4	1.69	68.93
54.0-55.0	510.2	45.5	1930.0	1.67	70.60
55.0-56.0	495.1	44.7	1974.7	1.64	72.24
56.0-57.0	479.7	43.9	2018.6	1.60	73.84
57.0-58.0	464.1	42.9	2061.5	1.57	75.41
58.0-59.0	448.3	41.9	2103.4	1.53	76.94
59.0-60.0	432.4	40.9	2144.3	1.49	78.44
60.0-61.0	416.2	39.7	2184.0	1.45	79.89
61.0-62.0	399.8	38.5	2222.5	1.41	81.30
62.0-63.0	383.2	37.3	2259.8	1.36	82.66
63.0-64.0	366.3	35.9	2295.8	1.31	83.98
64.0-65.0	349.4	34.6	2330.3	1.27	85.24
65.0-66.0	332.5	33.2	2363.5	1.21	86.46
66.0-67.0	315.5	31.7	2395.2	1.16	87.62
67.0-68.0	298.5	30.2	2425.5	1.11	88.73
68.0-69.0	281.3	28.7	2454.2	1.05	89.77
69.0-70.0	263.9	27.1	2481.3	0.99	90.77
70.0-71.0	246.6	25.5	2506.8	0.93	91.70
71.0-72.0	229.4	23.9	2530.6	0.87	92.57

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	212.3	22.2	2552.8	0.81	93.38
73.0-74.0	195.3	20.5	2573.4	0.75	94.14
74.0-75.0	178.5	18.9	2592.2	0.69	94.83
75.0-76.0	161.9	17.2	2609.4	0.63	95.45
76.0-77.0	145.6	15.5	2625.0	0.57	96.02
77.0-78.0	130.0	13.9	2638.9	0.51	96.53
78.0-79.0	114.8	12.3	2651.2	0.45	96.98
79.0-80.0	100.1	10.8	2662.0	0.39	97.38
80.0-81.0	86.0	9.3	2671.3	0.34	97.72
81.0-82.0	72.5	7.9	2679.2	0.29	98.01
82.0-83.0	59.8	6.5	2685.7	0.24	98.24
83.0-84.0	47.9	5.2	2690.9	0.19	98.43
84.0-85.0	37.0	4.0	2694.9	0.15	98.58
85.0-86.0	27.2	3.0	2697.9	0.11	98.69
86.0-87.0	18.6	2.0	2699.9	0.07	98.77
87.0-88.0	11.7	1.3	2701.2	0.05	98.81
88.0-89.0	6.5	0.7	2701.9	0.03	98.84
89.0-90.0	3.4	0.4	2702.3	0.01	98.85
90.0-91.0	2.4	0.3	2702.6	0.01	98.86
91.0-92.0	2.2	0.2	2702.8	0.01	98.87
92.0-93.0	2.3	0.3	2703.1	0.01	98.88
93.0-94.0	2.4	0.3	2703.3	0.01	98.89
94.0-95.0	2.4	0.3	2703.6	0.01	98.90
95.0-96.0	2.5	0.3	2703.9	0.01	98.91
96.0-97.0	2.6	0.3	2704.2	0.01	98.92
97.0-98.0	2.7	0.3	2704.4	0.01	98.93
98.0-99.0	2.7	0.3	2704.7	0.01	98.94
99.0-100.0	2.8	0.3	2705.1	0.01	98.95
100.0-101.0	2.9	0.3	2705.4	0.01	98.96
101.0-102.0	3.0	0.3	2705.7	0.01	98.98
102.0-103.0	3.1	0.3	2706.0	0.01	98.99
103.0-104.0	3.2	0.3	2706.4	0.01	99.00
104.0-105.0	3.3	0.4	2706.7	0.01	99.01
105.0-106.0	3.4	0.4	2707.1	0.01	99.03
106.0-107.0	3.5	0.4	2707.5	0.01	99.04
107.0-108.0	3.6	0.4	2707.8	0.01	99.05

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	3.7	0.4	2708.2	0.01	99.07
109.0-110.0	3.8	0.4	2708.6	0.01	99.08
110.0-111.0	3.9	0.4	2709.0	0.01	99.10
111.0-112.0	4.0	0.4	2709.4	0.01	99.11
112.0-113.0	4.1	0.4	2709.8	0.02	99.13
113.0-114.0	4.2	0.4	2710.3	0.02	99.14
114.0-115.0	4.3	0.4	2710.7	0.02	99.16
115.0-116.0	4.4	0.4	2711.1	0.02	99.17
116.0-117.0	4.5	0.4	2711.6	0.02	99.19
117.0-118.0	4.6	0.4	2712.0	0.02	99.21
118.0-119.0	4.7	0.5	2712.5	0.02	99.22
119.0-120.0	4.8	0.5	2712.9	0.02	99.24
120.0-121.0	4.9	0.5	2713.4	0.02	99.26
121.0-122.0	5.0	0.5	2713.9	0.02	99.27
122.0-123.0	5.1	0.5	2714.3	0.02	99.29
123.0-124.0	5.2	0.5	2714.8	0.02	99.31
124.0-125.0	5.3	0.5	2715.3	0.02	99.33
125.0-126.0	5.4	0.5	2715.8	0.02	99.34
126.0-127.0	5.5	0.5	2716.3	0.02	99.36
127.0-128.0	5.6	0.5	2716.7	0.02	99.38
128.0-129.0	5.7	0.5	2717.2	0.02	99.40
129.0-130.0	5.8	0.5	2717.7	0.02	99.42
130.0-131.0	5.9	0.5	2718.2	0.02	99.43
131.0-132.0	6.0	0.5	2718.7	0.02	99.45
132.0-133.0	6.1	0.5	2719.2	0.02	99.47
133.0-134.0	6.1	0.5	2719.7	0.02	99.49
134.0-135.0	6.2	0.5	2720.2	0.02	99.50
135.0-136.0	6.3	0.5	2720.6	0.02	99.52
136.0-137.0	6.4	0.5	2721.1	0.02	99.54
137.0-138.0	6.5	0.5	2721.6	0.02	99.56
138.0-139.0	6.5	0.5	2722.1	0.02	99.57
139.0-140.0	6.6	0.5	2722.6	0.02	99.59
140.0-141.0	6.7	0.5	2723.0	0.02	99.61
141.0-142.0	6.8	0.5	2723.5	0.02	99.63
142.0-143.0	6.9	0.5	2723.9	0.02	99.64
143.0-144.0	6.9	0.5	2724.4	0.02	99.66

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	7.0	0.4	2724.8	0.02	99.68
145.0-146.0	7.1	0.4	2725.3	0.02	99.69
146.0-147.0	7.2	0.4	2725.7	0.02	99.71
147.0-148.0	7.2	0.4	2726.1	0.02	99.72
148.0-149.0	7.3	0.4	2726.6	0.02	99.74
149.0-150.0	7.4	0.4	2727.0	0.02	99.75
150.0-151.0	7.4	0.4	2727.4	0.01	99.77
151.0-152.0	7.5	0.4	2727.8	0.01	99.78
152.0-153.0	7.6	0.4	2728.2	0.01	99.80
153.0-154.0	7.6	0.4	2728.5	0.01	99.81
154.0-155.0	7.7	0.4	2728.9	0.01	99.82
155.0-156.0	7.7	0.4	2729.2	0.01	99.84
156.0-157.0	7.8	0.3	2729.6	0.01	99.85
157.0-158.0	7.9	0.3	2729.9	0.01	99.86
158.0-159.0	7.9	0.3	2730.2	0.01	99.87
159.0-160.0	8.0	0.3	2730.5	0.01	99.88
160.0-161.0	8.0	0.3	2730.8	0.01	99.89
161.0-162.0	8.1	0.3	2731.1	0.01	99.91
162.0-163.0	8.1	0.3	2731.4	0.01	99.92
163.0-164.0	8.2	0.3	2731.6	0.01	99.92
164.0-165.0	8.2	0.2	2731.9	0.01	99.93
165.0-166.0	8.3	0.2	2732.1	0.01	99.94
166.0-167.0	8.4	0.2	2732.3	0.01	99.95
167.0-168.0	8.4	0.2	2732.5	0.01	99.96
168.0-169.0	8.5	0.2	2732.7	0.01	99.96
169.0-170.0	8.5	0.2	2732.9	0.01	99.97
170.0-171.0	8.6	0.2	2733.0	0.01	99.98
171.0-172.0	8.6	0.1	2733.2	0.01	99.98
172.0-173.0	8.7	0.1	2733.3	0.00	99.98
173.0-174.0	8.7	0.1	2733.4	0.00	99.99
174.0-175.0	8.7	0.1	2733.5	0.00	99.99
175.0-176.0	8.8	0.1	2733.6	0.00	100.00
176.0-177.0	8.8	0.1	2733.6	0.00	100.00
177.0-178.0	8.8	0.0	2733.7	0.00	100.00
178.0-179.0	8.8	0.0	2733.7	0.00	100.00
179.0-180.0	8.8	0.0	2733.7	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: