

Report No.: 20230330

Test Time: 2023/3/30 15:16

Luminaire Property

Luminaire Manufacturer: ACOLYTE

Luminaire Category: RIBBONLYTE

Luminaire Description: RB90SWX675.83030+CHANNEL

Lamp Description: 3000K

Luminous Width (mm): 30

Voltage: 24.0 V

Power: 6.31 W

Luminous Length (mm): 320

Luminous Height (mm): 21

Current: 0.263 A

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 475.3 lm

Downward Ratio: 98%

Horizontal Diffuse Angle(10%,50%): H86,H27.5

Vertical Diffuse Angle(10%,50%): V86.5,V26.9

Luminaire Efficacy Rating (LER): 75

Max. Intensity: 868.24 cd

Total Rated Lamp Lumens: 475.3 lm

Efficiency: 100%

Upward Ratio: 2%

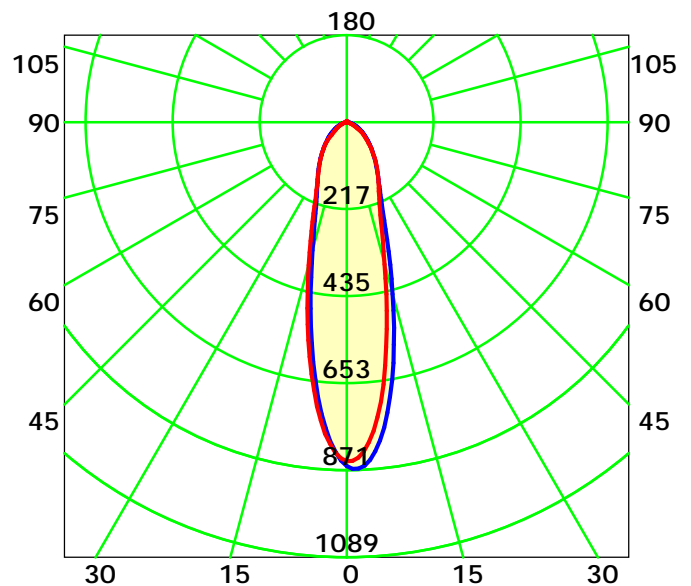
Central Intensity: 861.07 cd

Pos of Max. Intensity: H0 V1

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 27.2° 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

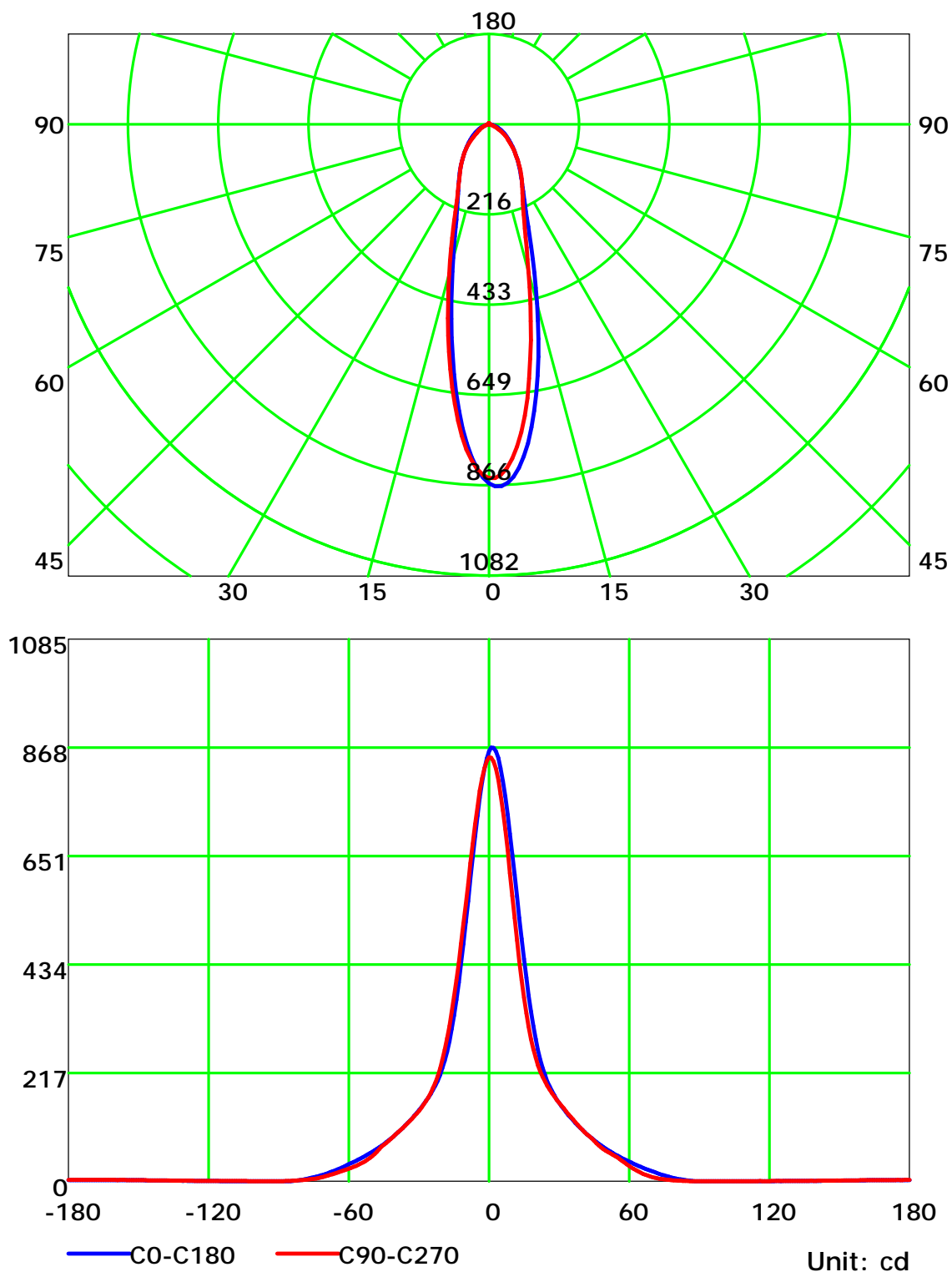
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

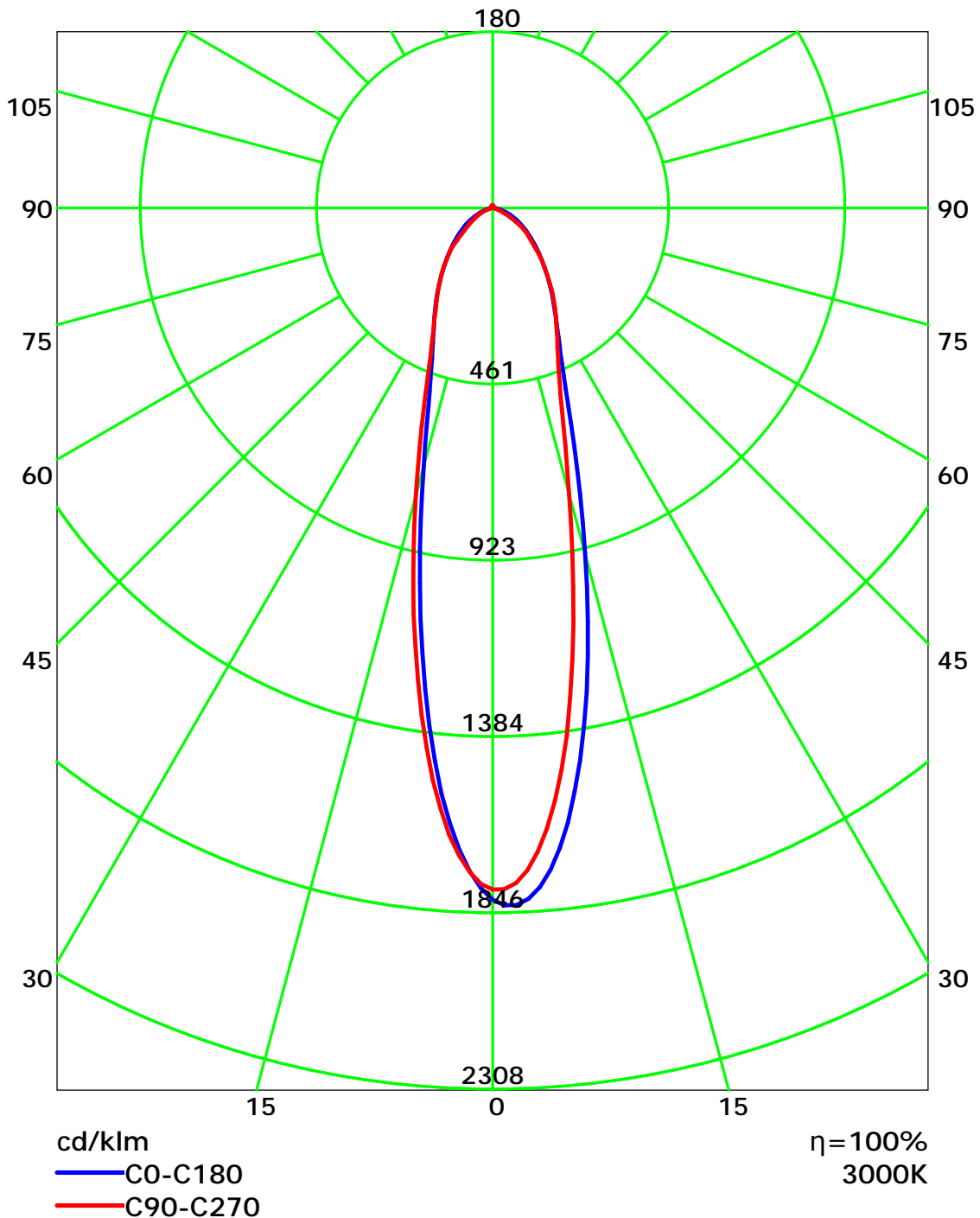
Luminous Intensity Distribution Curve



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:

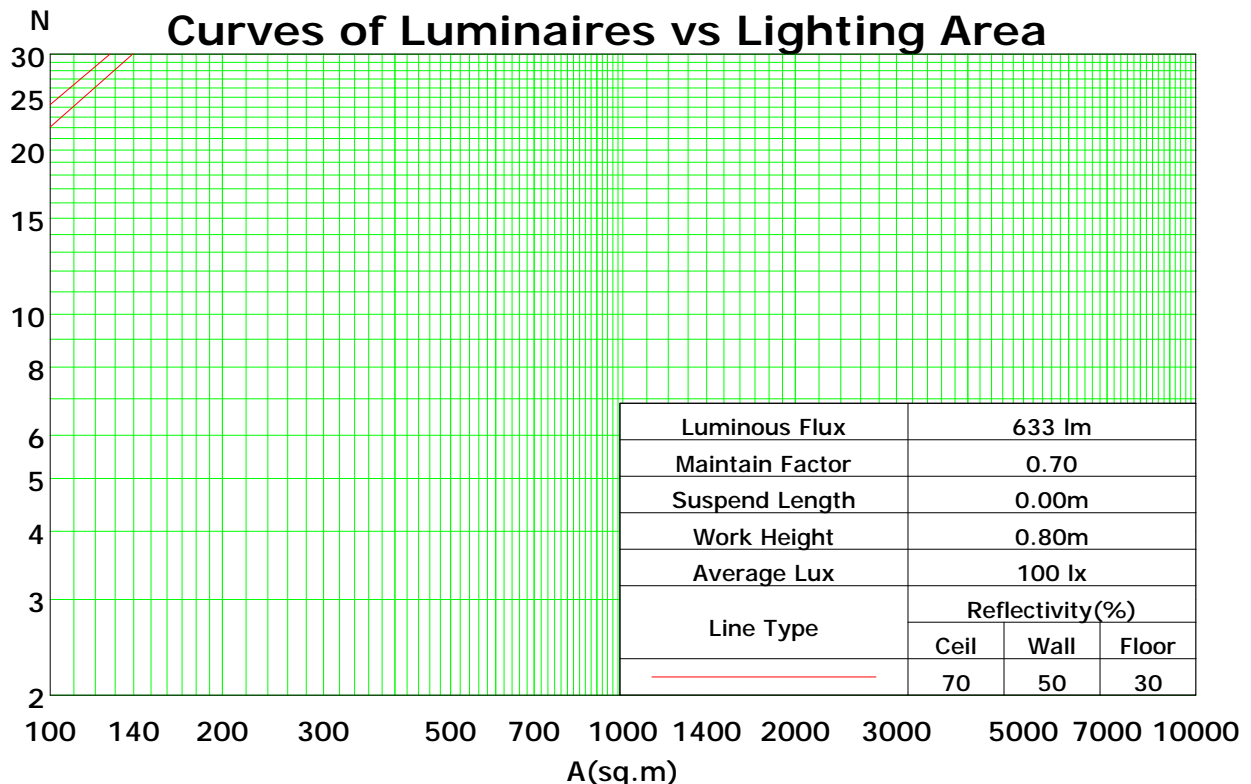
Coefficients Of Utilization - Zonal Cavity Method

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	112	108	105	103	109	106	103	101	101	99	97	97	96	94	94	92	91	89
2	105	99	94	90	102	97	92	89	93	89	86	90	87	84	87	84	82	80
3	98	90	84	80	96	89	83	79	86	81	77	83	79	76	80	77	74	73
4	92	83	77	72	90	82	76	71	79	74	70	77	73	69	75	71	68	66
5	87	77	70	65	85	76	70	65	74	68	64	72	67	63	70	66	63	61
6	82	72	65	60	80	71	64	60	69	63	59	67	62	59	66	61	58	56
7	78	67	60	56	76	66	60	55	65	59	55	63	58	54	62	57	54	52
8	74	63	56	52	72	62	56	52	61	55	51	60	55	51	59	54	51	49
9	70	59	53	48	69	59	53	48	58	52	48	57	51	48	56	51	48	46
10	67	56	50	46	66	56	50	46	55	49	45	54	49	45	53	48	45	43

Spacing Criteria (0-180): 0.46

Spacing Criteria (90-270): 0.45

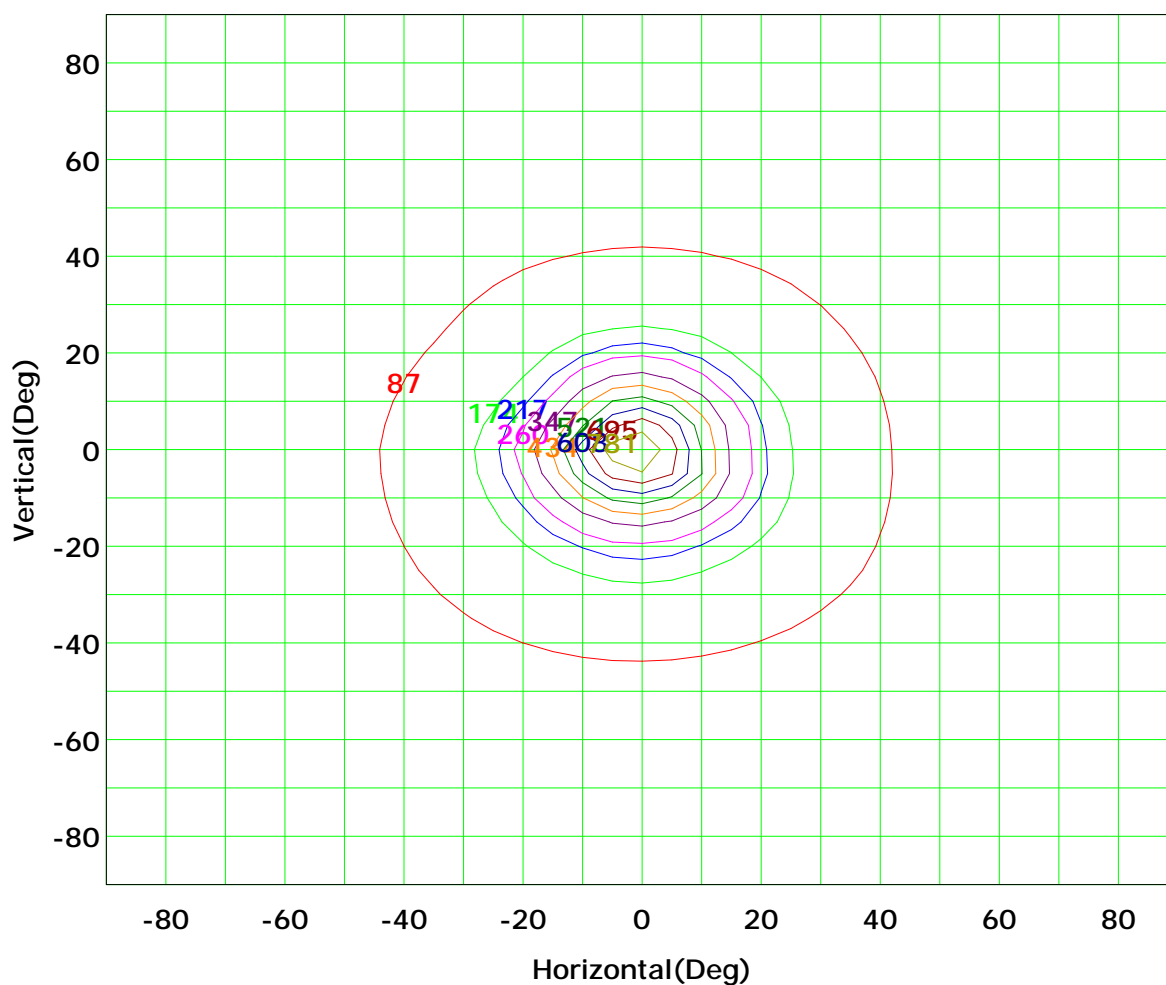
Spacing Criteria (Diagonal): 0.50



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)



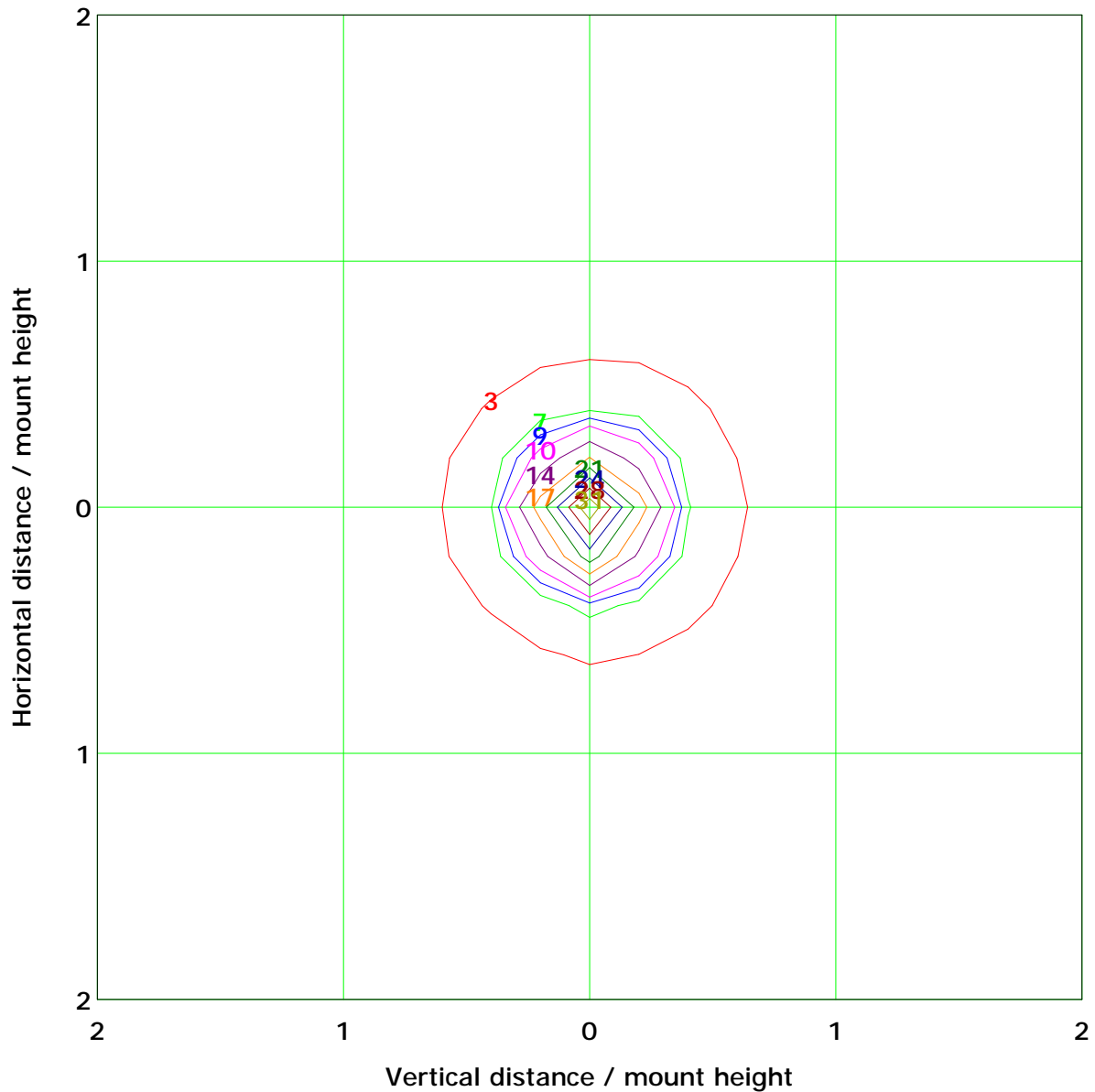
I_{max} (100%): 868 cd

(10%): 87 cd	(20%): 174 cd
(25%): 217 cd	(30%): 260 cd
(40%): 347 cd	(50%): 434 cd
(60%): 521 cd	(70%): 608 cd
(80%): 695 cd	(90%): 781 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%): 34.7 lx	
(10%): 3.5 lx	(20%): 6.9 lx
(25%): 8.7 lx	(30%): 10.4 lx
(40%): 13.9 lx	(50%): 17.4 lx
(60%): 20.8 lx	(70%): 24.3 lx
(80%): 27.8 lx	(90%): 31.2 lx

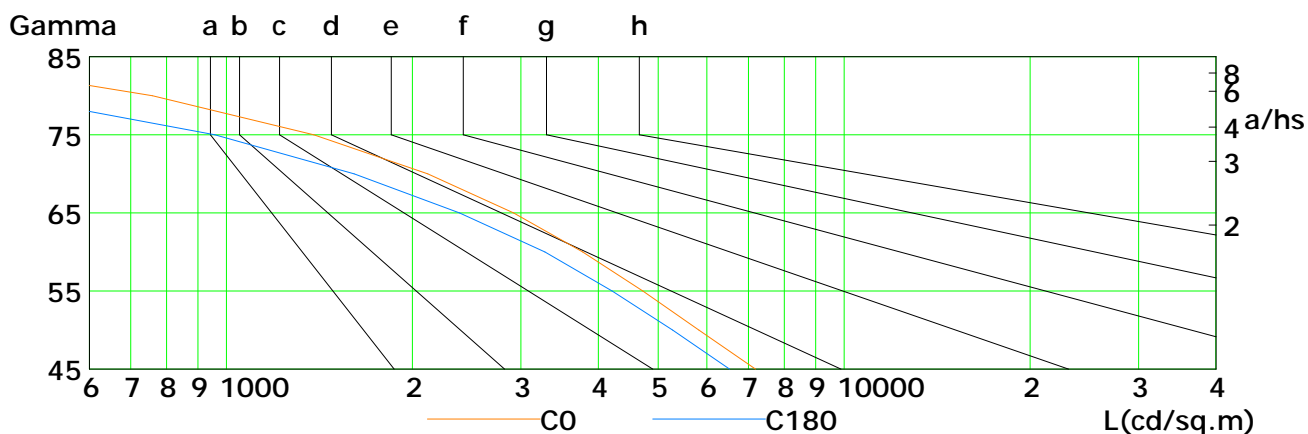
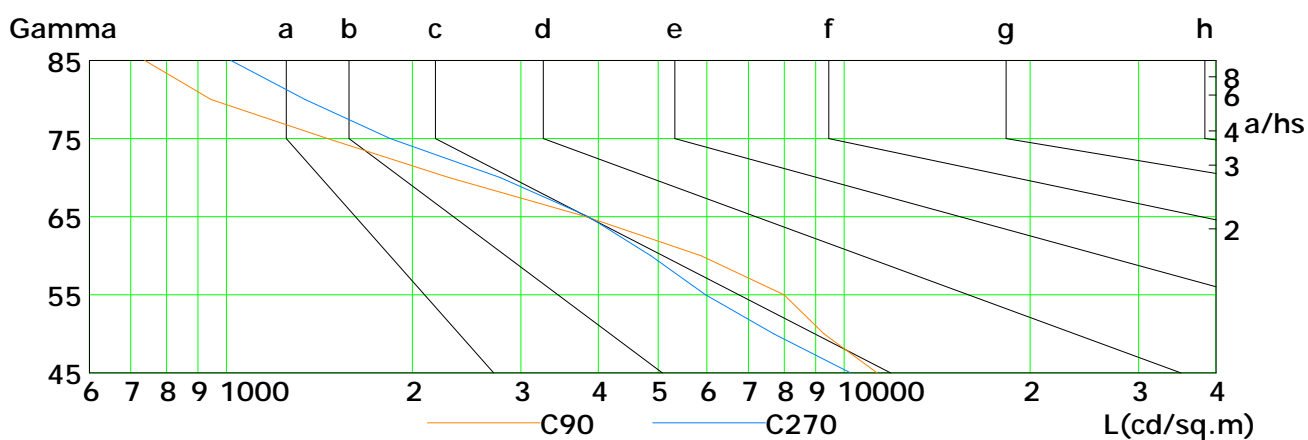
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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

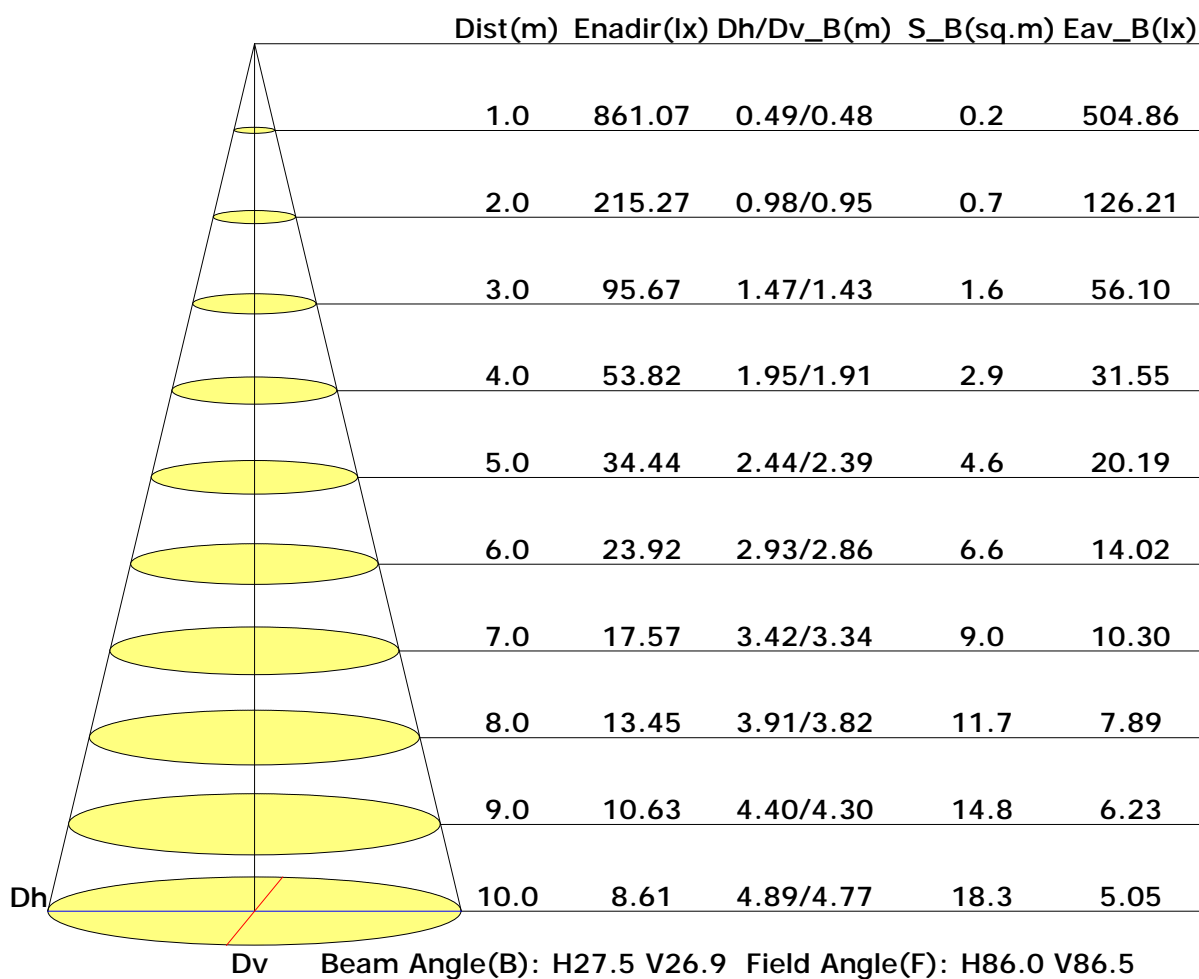


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	7187	5823	4722	3774	2918	2118	1385	759	315
C90	11312	9283	7997	5867	3824	2294	1458	944	738
C180	6526	5275	4211	3281	2384	1610	958	438	131
C270	10249	7691	5971	4866	3857	2779	1843	1342	1018

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:

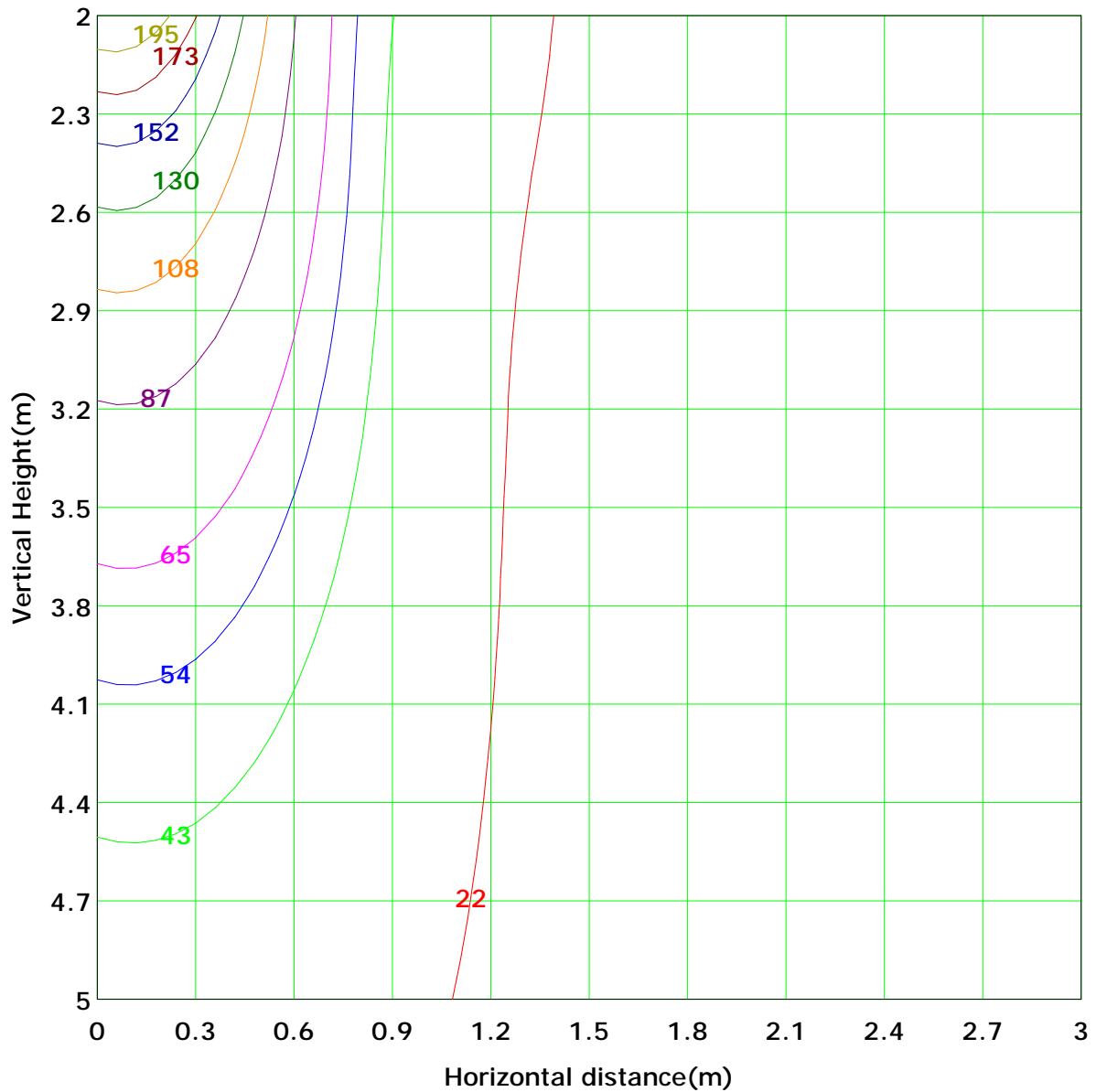
Illuminance at a Distance



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: 216.8 lx
(10%): 21.7 lx	(20%): 43.4 lx	(30%): 65.1 lx
(25%): 54.2 lx	(40%): 86.7 lx	(50%): 108.4 lx
(60%): 130.1 lx	(70%): 151.8 lx	(80%): 173.5 lx
(90%): 195.2 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:

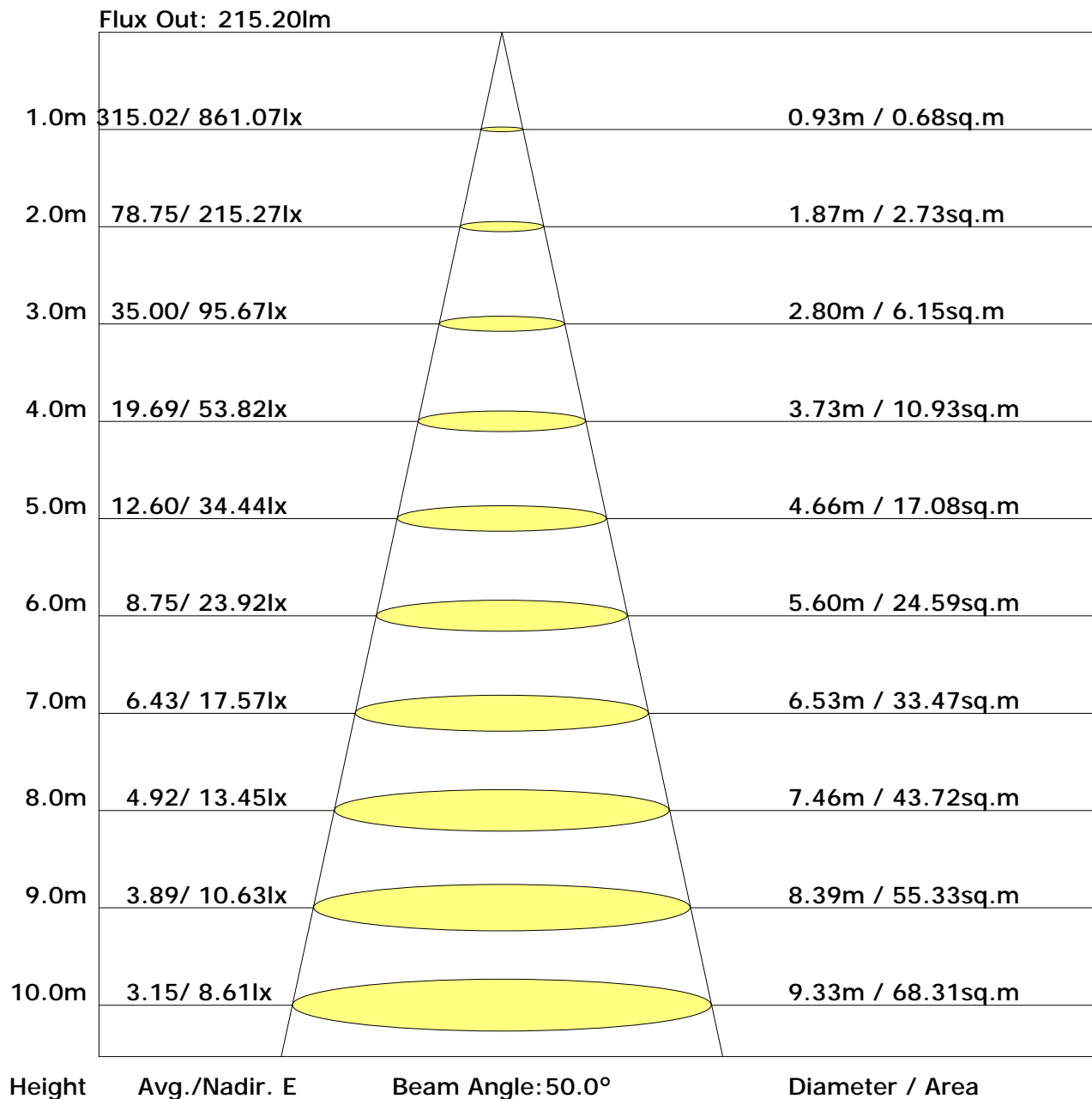
Area Flux Table

Unit: lm

Vertical plane	Horizontal plane																		Flux(T)	Flux(E)
	-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	
-80	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	0.0	0.0	0.0	0.0	0.0	0.0	
-70	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	
-60	0.0	0.0	0.1	0.2	0.4	0.6	0.8	1.0	1.1	1.3	1.4	1.3	1.1	0.8	0.5	0.3	0.1	0.0	0.0	
-50	0.0	0.0	0.1	0.4	0.7	1.1	1.6	2.3	1.5	2.0	2.2	2.0	1.6	1.0	0.6	0.3	0.1	0.0	0.0	
-40	0.0	0.0	0.2	0.5	1.0	1.6	2.9	4.9	3.0	3.5	3.5	3.0	2.3	1.6	1.0	0.5	0.2	0.0	0.0	
-30	0.0	0.1	0.3	0.7	1.3	2.1	4.8	10.0	4.3	5.3	5.3	4.3	3.1	2.0	1.2	0.7	0.3	0.1	0.0	
-20	0.0	0.1	0.3	0.8	1.5	2.6	6.5	19.0	6.5	10.2	10.7	6.7	4.0	2.6	1.5	0.8	0.3	0.1	0.0	
-10	0.0	0.1	0.3	0.8	1.6	2.9	9.5	19.9	9.5	19.0	19.9	11.0	5.2	3.1	1.7	0.9	0.4	0.1	0.0	
0	0.0	0.1	0.3	0.8	1.6	2.9	10.0	21.1	11.7	21.1	21.1	11.7	5.5	3.2	1.8	0.9	0.4	0.1	0.0	
10	0.0	0.1	0.3	0.8	1.6	2.8	7.0	10.5	7.3	10.9	10.9	7.3	4.6	2.9	1.6	0.8	0.4	0.1	0.0	
20	0.0	0.1	0.3	0.7	1.4	2.3	4.8	5.7	4.8	5.8	5.8	4.8	3.6	2.4	1.4	0.7	0.3	0.1	0.0	
30	0.0	0.1	0.2	0.6	1.1	1.8	3.4	3.9	3.4	3.9	3.9	3.4	2.6	1.8	1.1	0.6	0.3	0.1	0.0	
40	0.0	0.1	0.2	0.4	0.8	1.2	2.2	2.4	2.2	2.4	2.4	2.2	1.7	1.3	0.8	0.4	0.2	0.1	0.0	
50	0.0	0.0	0.1	0.3	0.5	0.8	1.3	1.4	1.3	1.4	1.4	1.3	1.1	0.8	0.5	0.3	0.1	0.0	0.0	
60	0.0	0.0	0.1	0.1	0.2	0.3	0.5	0.6	0.5	0.6	0.6	0.5	0.5	0.4	0.2	0.1	0.1	0.0	0.0	
70	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	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	
90	0.1	0.7	2.9	7.3	14.1	23.6	56.2	86.7	89.7	60.2	37.3	24.1	14.6	7.8	3.4	1.0	0.1	0.0	0.0	



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	19.1	20.3	19.5	20.7	21.0	17.3	18.6	17.7	18.9	19.3
3H	20.2	21.3	20.6	21.7	22.1	17.6	18.7	18.0	19.1	19.5
4H	20.5	21.5	20.9	21.9	22.4	17.6	18.6	18.0	19.0	19.4
6H	20.7	21.6	21.1	22.0	22.5	17.5	18.5	18.0	18.9	19.3
8H	20.7	21.6	21.2	22.0	22.5	17.5	18.4	18.0	18.8	19.3
12H	20.7	21.5	21.1	22.0	22.4	17.5	18.3	17.9	18.7	19.2
X=4H Y=2H	19.1	20.2	19.6	20.5	21.0	17.6	18.7	18.1	19.1	19.5
3H	20.3	21.2	20.8	21.6	22.1	18.0	18.8	18.5	19.3	19.7
4H	20.7	21.4	21.2	21.9	22.4	18.0	18.8	18.5	19.2	19.7
6H	20.9	21.5	21.4	22.0	22.5	18.0	18.6	18.5	19.1	19.6
8H	20.9	21.5	21.4	22.0	22.5	17.9	18.5	18.4	19.0	19.5
12H	20.9	21.5	21.5	22.0	22.5	17.9	18.4	18.4	18.9	19.5
X=8H Y=4H	20.6	21.2	21.1	21.7	22.2	18.0	18.6	18.5	19.1	19.6
6H	20.8	21.3	21.4	21.8	22.4	18.0	18.5	18.5	19.0	19.5
8H	20.9	21.3	21.4	21.8	22.4	18.0	18.4	18.5	18.9	19.5
12H	20.9	21.3	21.4	21.8	22.4	17.9	18.3	18.5	18.8	19.5
X=12H Y=4H	20.6	21.1	21.1	21.6	22.1	18.0	18.5	18.5	19.1	19.6
6H	20.8	21.2	21.3	21.7	22.3	18.0	18.4	18.5	18.9	19.5
8H	20.8	21.2	21.4	21.7	22.4	17.9	18.3	18.5	18.9	19.5

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 = 0.75								
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	0.74	0.82	0.87	0.91	0.97	1.01	1.03	1.06	1.08
	0.30		0.68	0.76	0.82	0.86	0.92	0.97	0.99	1.03	1.06
	0.20		0.63	0.72	0.78	0.82	0.89	0.93	0.96	1.01	1.04
0.50	0.50	0.20	0.72	0.80	0.85	0.89	0.94	0.97	0.99	1.02	1.04
	0.30		0.67	0.75	0.80	0.84	0.90	0.94	0.96	1.00	1.02
	0.20		0.63	0.71	0.77	0.81	0.87	0.91	0.94	0.98	1.00
0.30	0.50	0.20	0.71	0.78	0.83	0.86	0.91	0.94	0.96	0.98	1.00
	0.30		0.66	0.73	0.79	0.82	0.88	0.91	0.93	0.96	0.98
	0.20		0.62	0.70	0.75	0.79	0.85	0.89	0.91	0.95	0.97
0.00	0.00	0.00	0.60	0.68	0.73	0.76	0.81	0.85	0.87	0.90	0.92
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 = 0.75									
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	0.75	0.61	0.52	0.44	0.35	0.29	0.25	0.19	0.15	
	0.30		0.63	0.52	0.45	0.39	0.32	0.26	0.23	0.18	0.15	
	0.20		0.54	0.46	0.40	0.35	0.29	0.24	0.21	0.17	0.14	
0.50	0.50	0.20	0.72	0.58	0.49	0.42	0.33	0.31	0.23	0.17	0.14	
	0.30		0.61	0.50	0.43	0.38	0.30	0.25	0.21	0.17	0.14	
	0.20		0.53	0.44	0.39	0.34	0.28	0.23	0.20	0.16	0.13	
0.30	0.50	0.20	0.69	0.55	0.46	0.39	0.31	0.25	0.21	0.16	0.13	
	0.30		0.59	0.48	0.41	0.36	0.28	0.24	0.20	0.16	0.13	
	0.20		0.51	0.43	0.37	0.33	0.26	0.22	0.19	0.15	0.12	
0.00	0.00	0.00	0.39	0.32	0.27	0.23	0.18	0.15	0.12	0.10	0.08	
<p>Rating: 6W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 0.75								
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	0.16	0.18	0.19	0.20	0.21	0.21	0.22	0.23	0.23
	0.30		0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.21
	0.20		0.07	0.09	0.11	0.12	0.14	0.16	0.17	0.19	0.20
0.50	0.50	0.20	0.16	0.17	0.18	0.19	0.20	0.21	0.21	0.22	0.22
	0.30		0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21
	0.20		0.07	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.19
0.30	0.50	0.20	0.15	0.16	0.17	0.18	0.19	0.20	0.20	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	0.09	0.11	0.12	0.14	0.15	0.16	0.18	0.19
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: 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	846.8	0.8	0.8	0.17	0.17
1.0-2.0	839.8	2.4	3.2	0.51	0.68
2.0-3.0	826.0	4.0	7.2	0.83	1.51
3.0-4.0	805.9	5.4	12.6	1.14	2.64
4.0-5.0	779.9	6.7	19.3	1.41	4.06
5.0-6.0	748.8	7.9	27.1	1.66	5.71
6.0-7.0	713.5	8.9	36.0	1.86	7.58
7.0-8.0	674.8	9.7	45.7	2.03	9.61
8.0-9.0	633.6	10.3	55.9	2.16	11.77
9.0-10.0	591.5	10.7	66.6	2.25	14.02
10.0-11.0	549.2	11.0	77.6	2.31	16.33
11.0-12.0	507.2	11.1	88.7	2.33	18.66
12.0-13.0	466.7	11.1	99.8	2.33	20.99
13.0-14.0	428.0	11.0	110.7	2.31	23.30
14.0-15.0	391.5	10.7	121.5	2.26	25.56
15.0-16.0	358.1	10.5	132.0	2.21	27.77
16.0-17.0	328.0	10.2	142.2	2.15	29.92
17.0-18.0	300.8	9.9	152.1	2.09	32.00
18.0-19.0	276.7	9.6	161.7	2.03	34.03
19.0-20.0	256.1	9.4	171.1	1.97	36.00
20.0-21.0	238.1	9.1	180.3	1.92	37.93
21.0-22.0	222.6	8.9	189.2	1.88	39.81
22.0-23.0	209.3	8.8	198.0	1.85	41.66
23.0-24.0	197.9	8.7	206.6	1.82	43.48
24.0-25.0	187.9	8.5	215.2	1.80	45.28
25.0-26.0	179.1	8.5	223.7	1.78	47.06
26.0-27.0	171.3	8.4	232.0	1.76	48.82
27.0-28.0	164.0	8.3	240.3	1.75	50.57
28.0-29.0	157.3	8.2	248.6	1.73	52.30
29.0-30.0	151.1	8.2	256.7	1.72	54.01
30.0-31.0	145.1	8.1	264.8	1.70	55.71
31.0-32.0	139.5	8.0	272.8	1.68	57.40
32.0-33.0	134.0	7.9	280.7	1.66	59.06
33.0-34.0	128.7	7.8	288.5	1.64	60.70
34.0-35.0	123.6	7.7	296.2	1.62	62.31
35.0-36.0	118.7	7.6	303.7	1.59	63.90

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	113.8	7.4	311.1	1.56	65.46
37.0-38.0	109.1	7.3	318.4	1.53	67.00
38.0-39.0	104.5	7.1	325.6	1.50	68.50
39.0-40.0	100.0	7.0	332.5	1.47	69.96
40.0-41.0	95.7	6.8	339.4	1.43	71.40
41.0-42.0	91.5	6.6	346.0	1.40	72.80
42.0-43.0	87.5	6.5	352.5	1.36	74.16
43.0-44.0	83.5	6.3	358.8	1.33	75.49
44.0-45.0	79.7	6.1	364.9	1.29	76.78
45.0-46.0	76.0	5.9	370.9	1.25	78.03
46.0-47.0	72.3	5.8	376.6	1.21	79.24
47.0-48.0	68.7	5.6	382.2	1.17	80.41
48.0-49.0	65.2	5.4	387.5	1.13	81.53
49.0-50.0	61.8	5.2	392.7	1.08	82.62
50.0-51.0	58.4	4.9	397.6	1.04	83.66
51.0-52.0	55.2	4.7	402.4	1.00	84.65
52.0-53.0	52.2	4.5	406.9	0.95	85.61
53.0-54.0	49.3	4.3	411.2	0.91	86.52
54.0-55.0	46.5	4.2	415.4	0.87	87.40
55.0-56.0	43.9	4.0	419.4	0.84	88.23
56.0-57.0	41.4	3.8	423.2	0.80	89.03
57.0-58.0	39.0	3.6	426.8	0.76	89.79
58.0-59.0	36.6	3.4	430.2	0.72	90.51
59.0-60.0	34.3	3.2	433.4	0.68	91.19
60.0-61.0	32.0	3.1	436.5	0.64	91.83
61.0-62.0	29.8	2.9	439.4	0.60	92.44
62.0-63.0	27.6	2.7	442.0	0.57	93.00
63.0-64.0	25.5	2.5	444.6	0.53	93.53
64.0-65.0	23.5	2.3	446.9	0.49	94.02
65.0-66.0	21.5	2.1	449.0	0.45	94.47
66.0-67.0	19.6	2.0	451.0	0.41	94.89
67.0-68.0	17.8	1.8	452.8	0.38	95.26
68.0-69.0	16.0	1.6	454.4	0.34	95.61
69.0-70.0	14.4	1.5	455.9	0.31	95.92
70.0-71.0	12.8	1.3	457.2	0.28	96.20
71.0-72.0	11.4	1.2	458.4	0.25	96.45

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	10.1	1.1	459.5	0.22	96.67
73.0-74.0	8.8	0.9	460.4	0.20	96.86
74.0-75.0	7.8	0.8	461.2	0.17	97.04
75.0-76.0	6.8	0.7	461.9	0.15	97.19
76.0-77.0	5.9	0.6	462.6	0.13	97.32
77.0-78.0	5.2	0.6	463.1	0.12	97.44
78.0-79.0	4.4	0.5	463.6	0.10	97.54
79.0-80.0	3.8	0.4	464.0	0.09	97.62
80.0-81.0	3.2	0.3	464.3	0.07	97.70
81.0-82.0	2.7	0.3	464.6	0.06	97.76
82.0-83.0	2.3	0.2	464.9	0.05	97.81
83.0-84.0	1.9	0.2	465.1	0.04	97.85
84.0-85.0	1.6	0.2	465.3	0.04	97.89
85.0-86.0	1.3	0.1	465.4	0.03	97.92
86.0-87.0	1.1	0.1	465.5	0.03	97.95
87.0-88.0	1.0	0.1	465.6	0.02	97.97
88.0-89.0	0.9	0.1	465.7	0.02	97.99
89.0-90.0	0.8	0.1	465.8	0.02	98.01
90.0-91.0	0.8	0.1	465.9	0.02	98.03
91.0-92.0	0.8	0.1	466.0	0.02	98.05
92.0-93.0	0.8	0.1	466.1	0.02	98.07
93.0-94.0	0.9	0.1	466.2	0.02	98.08
94.0-95.0	0.9	0.1	466.3	0.02	98.10
95.0-96.0	0.9	0.1	466.4	0.02	98.12
96.0-97.0	0.9	0.1	466.5	0.02	98.14
97.0-98.0	0.9	0.1	466.6	0.02	98.16
98.0-99.0	0.9	0.1	466.7	0.02	98.18
99.0-100.0	0.9	0.1	466.8	0.02	98.21
100.0-101.0	0.9	0.1	466.9	0.02	98.23
101.0-102.0	0.9	0.1	467.0	0.02	98.25
102.0-103.0	0.9	0.1	467.1	0.02	98.27
103.0-104.0	0.9	0.1	467.2	0.02	98.29
104.0-105.0	1.0	0.1	467.3	0.02	98.31
105.0-106.0	1.0	0.1	467.4	0.02	98.33
106.0-107.0	1.0	0.1	467.5	0.02	98.35
107.0-108.0	1.0	0.1	467.6	0.02	98.38

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	1.0	0.1	467.7	0.02	98.40
109.0-110.0	1.0	0.1	467.8	0.02	98.42
110.0-111.0	1.0	0.1	467.9	0.02	98.44
111.0-112.0	1.1	0.1	468.0	0.02	98.47
112.0-113.0	1.1	0.1	468.1	0.02	98.49
113.0-114.0	1.1	0.1	468.2	0.02	98.51
114.0-115.0	1.1	0.1	468.3	0.02	98.54
115.0-116.0	1.1	0.1	468.4	0.02	98.56
116.0-117.0	1.2	0.1	468.6	0.02	98.58
117.0-118.0	1.2	0.1	468.7	0.02	98.61
118.0-119.0	1.2	0.1	468.8	0.02	98.63
119.0-120.0	1.2	0.1	468.9	0.02	98.66
120.0-121.0	1.2	0.1	469.0	0.02	98.68
121.0-122.0	1.2	0.1	469.1	0.02	98.70
122.0-123.0	1.3	0.1	469.3	0.02	98.73
123.0-124.0	1.3	0.1	469.4	0.03	98.75
124.0-125.0	1.3	0.1	469.5	0.02	98.78
125.0-126.0	1.3	0.1	469.6	0.03	98.80
126.0-127.0	1.4	0.1	469.7	0.03	98.83
127.0-128.0	1.4	0.1	469.9	0.03	98.86
128.0-129.0	1.4	0.1	470.0	0.03	98.88
129.0-130.0	1.5	0.1	470.1	0.03	98.91
130.0-131.0	1.5	0.1	470.2	0.03	98.94
131.0-132.0	1.6	0.1	470.4	0.03	98.96
132.0-133.0	1.6	0.1	470.5	0.03	98.99
133.0-134.0	1.6	0.1	470.6	0.03	99.02
134.0-135.0	1.7	0.1	470.8	0.03	99.05
135.0-136.0	1.7	0.1	470.9	0.03	99.07
136.0-137.0	1.8	0.1	471.0	0.03	99.10
137.0-138.0	1.8	0.1	471.2	0.03	99.13
138.0-139.0	1.9	0.1	471.3	0.03	99.16
139.0-140.0	1.9	0.1	471.4	0.03	99.19
140.0-141.0	2.0	0.1	471.6	0.03	99.22
141.0-142.0	2.0	0.1	471.7	0.03	99.25
142.0-143.0	2.1	0.1	471.9	0.03	99.28
143.0-144.0	2.2	0.1	472.0	0.03	99.31

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:

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	2.2	0.1	472.1	0.03	99.34
145.0-146.0	2.3	0.1	472.3	0.03	99.37
146.0-147.0	2.3	0.1	472.4	0.03	99.40
147.0-148.0	2.4	0.1	472.6	0.03	99.43
148.0-149.0	2.4	0.1	472.7	0.03	99.45
149.0-150.0	2.5	0.1	472.8	0.03	99.48
150.0-151.0	2.5	0.1	473.0	0.03	99.51
151.0-152.0	2.6	0.1	473.1	0.03	99.54
152.0-153.0	2.7	0.1	473.2	0.03	99.57
153.0-154.0	2.7	0.1	473.4	0.03	99.60
154.0-155.0	2.8	0.1	473.5	0.03	99.63
155.0-156.0	2.8	0.1	473.6	0.03	99.65
156.0-157.0	2.8	0.1	473.8	0.03	99.68
157.0-158.0	2.9	0.1	473.9	0.03	99.70
158.0-159.0	2.9	0.1	474.0	0.02	99.73
159.0-160.0	3.0	0.1	474.1	0.02	99.75
160.0-161.0	3.0	0.1	474.2	0.02	99.78
161.0-162.0	3.0	0.1	474.3	0.02	99.80
162.0-163.0	3.1	0.1	474.4	0.02	99.82
163.0-164.0	3.1	0.1	474.5	0.02	99.84
164.0-165.0	3.1	0.1	474.6	0.02	99.86
165.0-166.0	3.1	0.1	474.7	0.02	99.88
166.0-167.0	3.1	0.1	474.8	0.02	99.89
167.0-168.0	3.1	0.1	474.9	0.02	99.91
168.0-169.0	3.1	0.1	474.9	0.01	99.92
169.0-170.0	3.2	0.1	475.0	0.01	99.94
170.0-171.0	3.2	0.1	475.0	0.01	99.95
171.0-172.0	3.2	0.1	475.1	0.01	99.96
172.0-173.0	3.2	0.0	475.1	0.01	99.97
173.0-174.0	3.2	0.0	475.2	0.01	99.98
174.0-175.0	3.2	0.0	475.2	0.01	99.98
175.0-176.0	3.2	0.0	475.2	0.01	99.99
176.0-177.0	3.2	0.0	475.3	0.00	99.99
177.0-178.0	3.2	0.0	475.3	0.00	100.00
178.0-179.0	3.2	0.0	475.3	0.00	100.00
179.0-180.0	3.2	0.0	475.3	0.00	100.00

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