

Report No.:

Test Time: 2023/2/21 15:36

Luminaire Property

Luminaire Manufacturer: ACOLYTE

Luminaire Category: WALL WASHER

Luminaire Description: FORTEACNS12RGBW4020x45-GREEN ON

Luminous Length (mm): 330

Luminous Width (mm): 96

Luminous Height (mm): 162.5

Voltage: 219.2 V

Current: 0.100 A

Power: 9.01 W

Power Factor: 0.410

Photometric Results

CIE Class: Direct

Measurement Flux: 506.5 lm

Downward Ratio: 97%

Horizontal Diffuse Angle(10%,50%): H83.5,H45.4

Vertical Diffuse Angle(10%,50%): V56.1,V23.6

Luminaire Efficacy Rating (LER): 56

Max. Intensity: 1034.62 cd

Total Rated Lamp Lumens: 506.5 lm

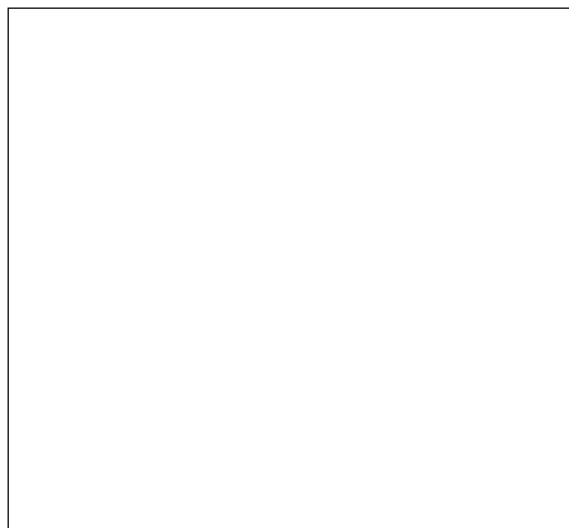
Efficiency: 100%

Upward Ratio: 3%

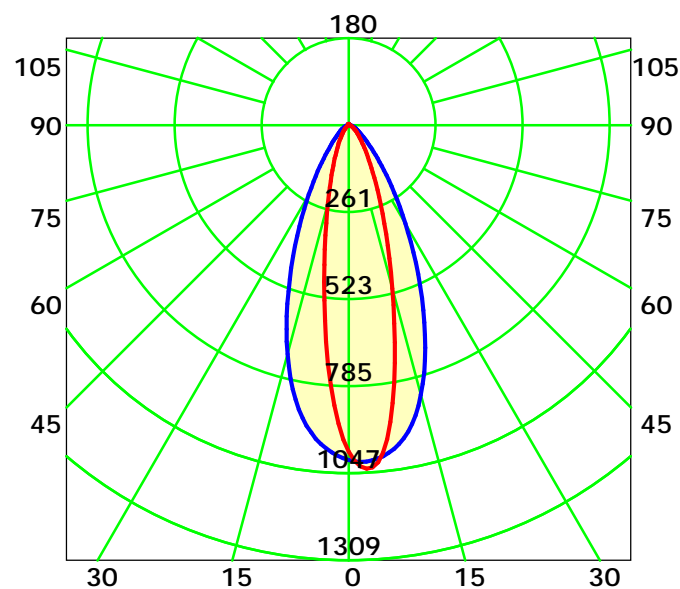
Central Intensity: 1007.41 cd

Pos of Max. Intensity: H90 V3

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 34.5° Unit: cd

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Jacky

Gamma Plane (°):0.0-180.0: 1.0

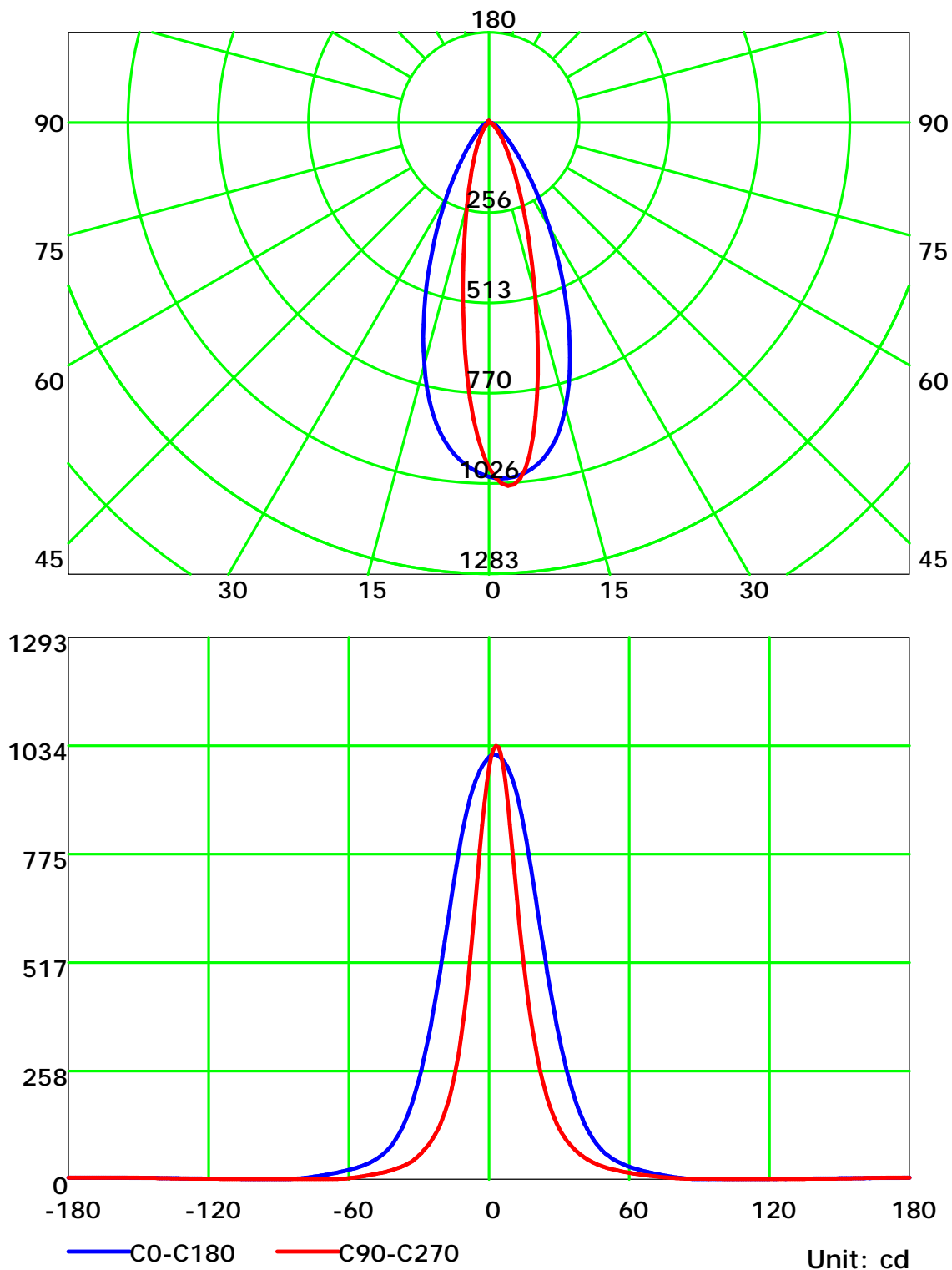
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

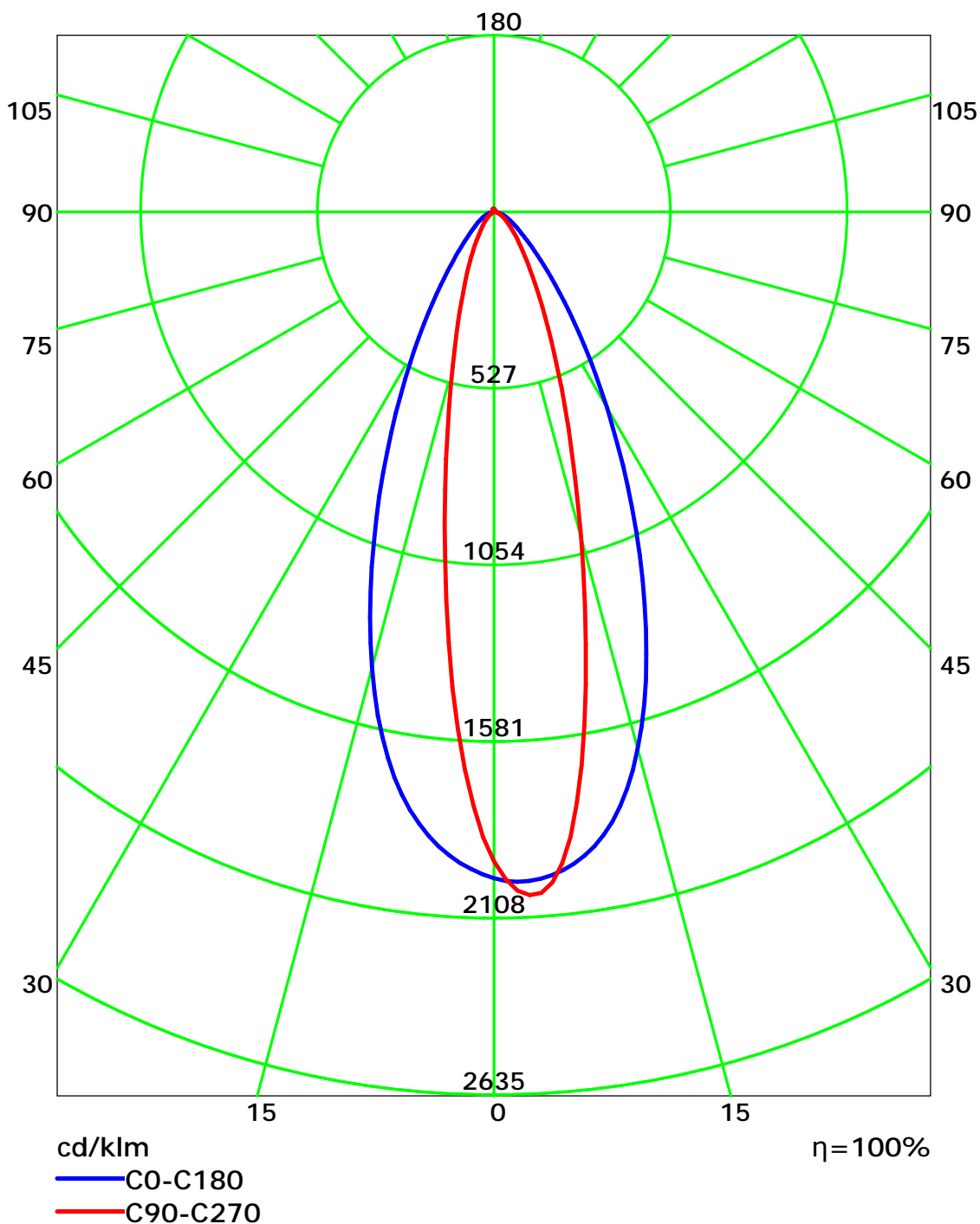
Luminous Intensity Distribution Curve



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

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: Jacky

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

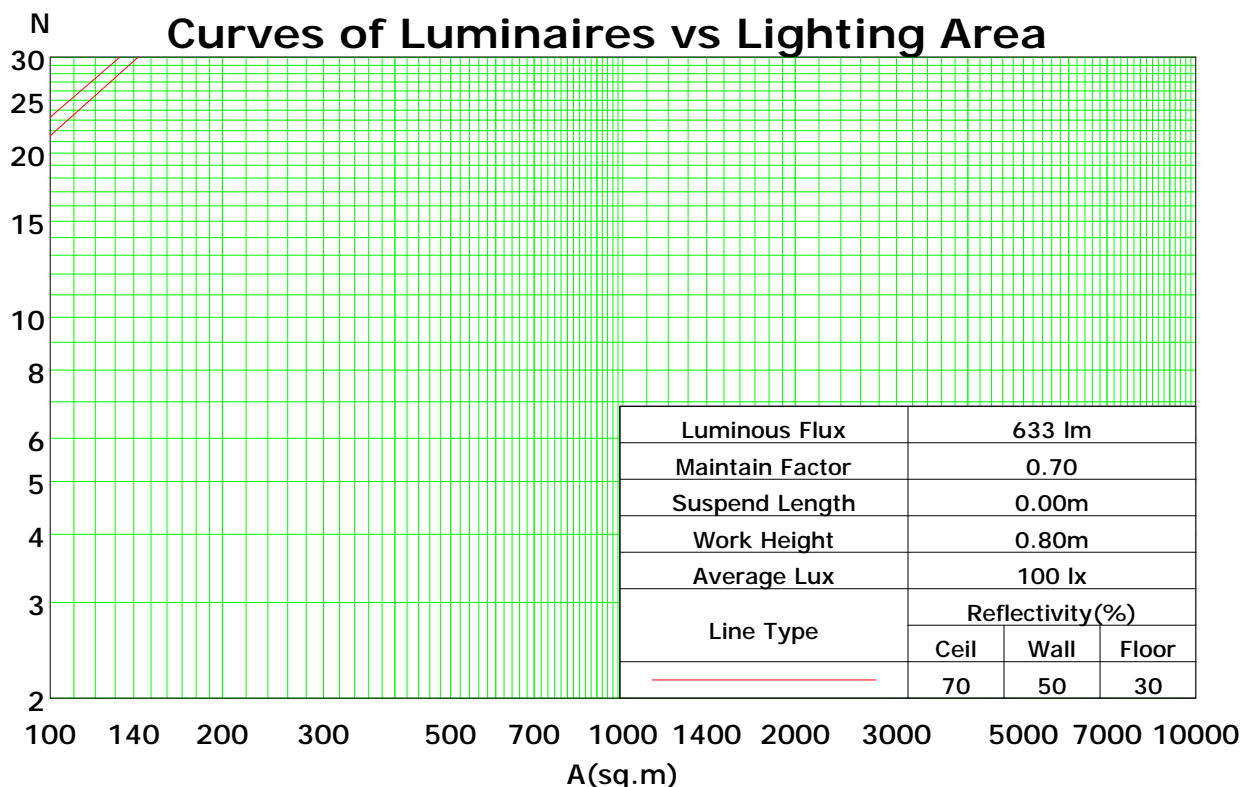
Coefficients Of Utilization - Zonal Cavity Method

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	118	118	118	118	115	115	115	115	109	109	109	104	104	104	99	99	99	97
1	112	109	107	104	109	107	104	102	102	100	99	98	96	95	94	93	92	90
2	106	101	97	93	104	99	95	92	95	92	90	92	89	87	89	87	85	83
3	101	94	89	85	99	92	88	84	89	85	82	87	83	81	84	81	79	77
4	96	88	82	78	94	87	81	77	84	80	76	82	78	75	79	76	74	72
5	91	83	77	72	89	81	76	72	79	74	71	77	73	70	75	72	69	67
6	87	78	72	67	85	77	71	67	75	70	66	73	69	66	72	68	65	63
7	83	73	67	63	81	73	67	63	71	66	62	70	65	62	68	64	61	60
8	79	70	64	60	78	69	63	59	68	63	59	66	62	59	65	61	58	57
9	76	66	60	56	74	66	60	56	64	59	56	63	59	56	62	58	55	54
10	72	63	57	54	71	62	57	53	61	57	53	61	56	53	60	56	53	51

Spacing Criteria (0-180): 0.72

Spacing Criteria (90-270): 0.41

Spacing Criteria (Diagonal): 0.55



C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0

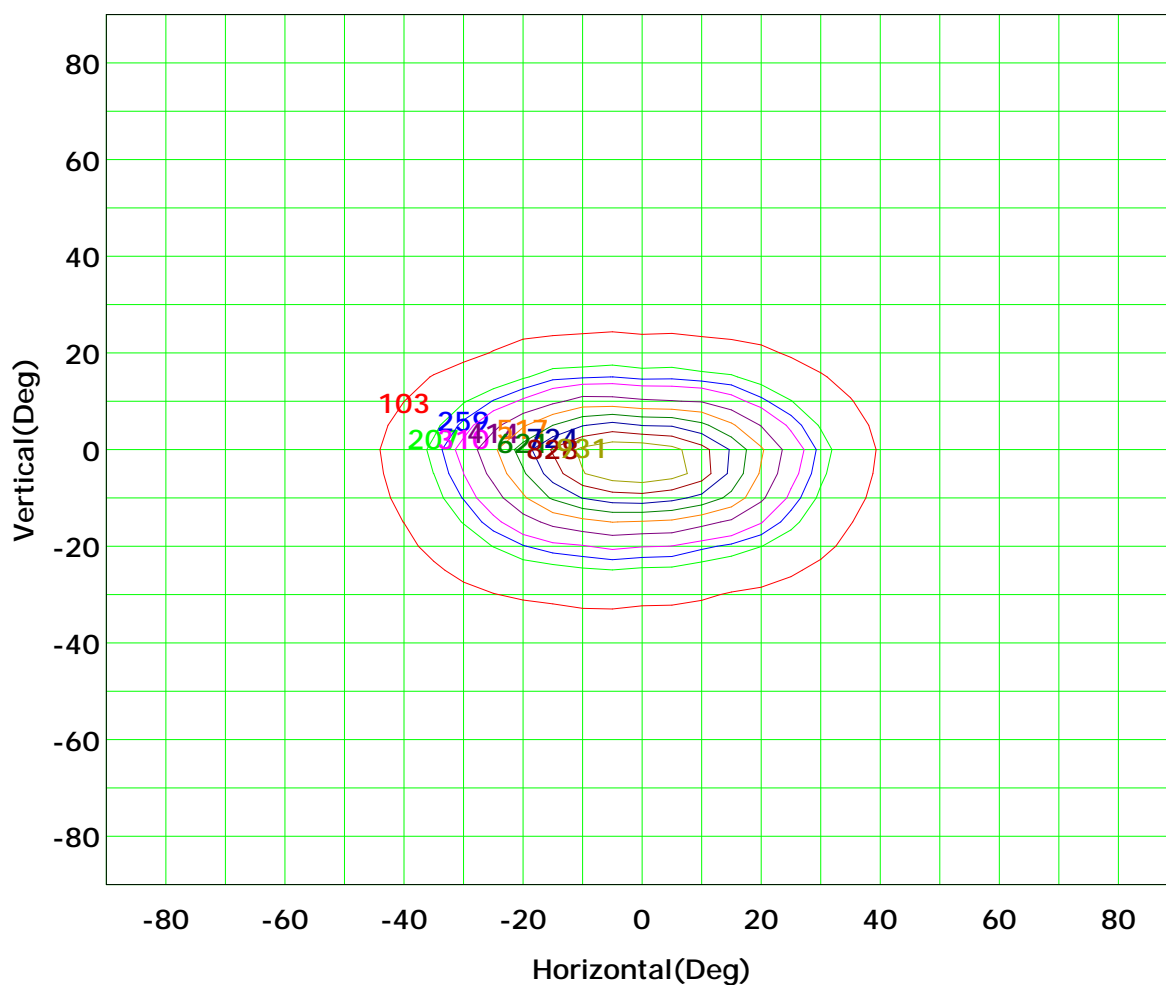
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



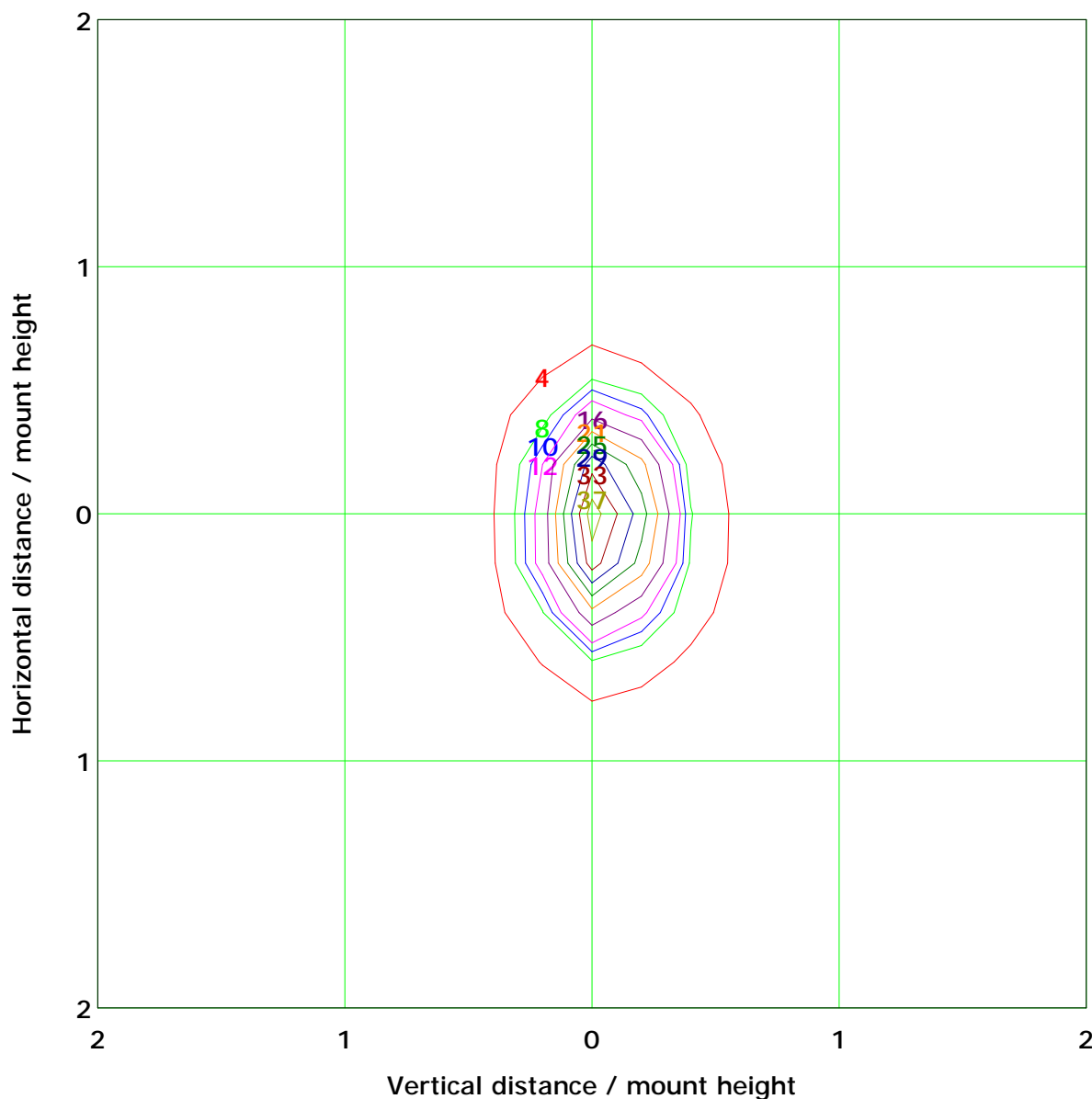
Imax (100%): 1035 cd

(10%): 103 cd	(20%): 207 cd
(25%): 259 cd	(30%): 310 cd
(40%): 414 cd	(50%): 517 cd
(60%): 621 cd	(70%): 724 cd
(80%): 828 cd	(90%): 931 cd

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

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%): 41.2 lx	
(10%): 4.1 lx	(20%): 8.2 lx
(25%): 10.3 lx	(30%): 12.4 lx
(40%): 16.5 lx	(50%): 20.6 lx
(60%): 24.7 lx	(70%): 28.9 lx
(80%): 33.0 lx	(90%): 37.1 lx

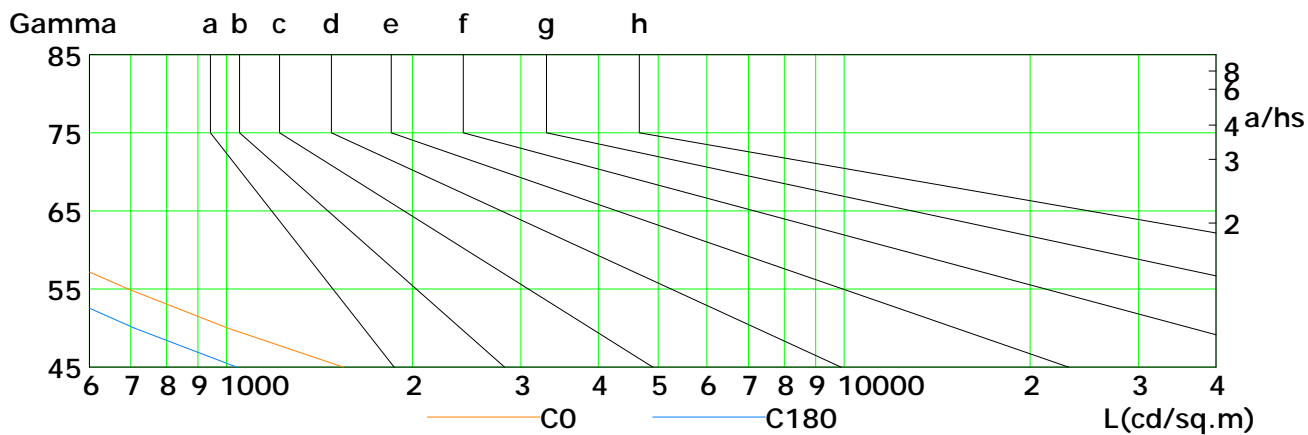
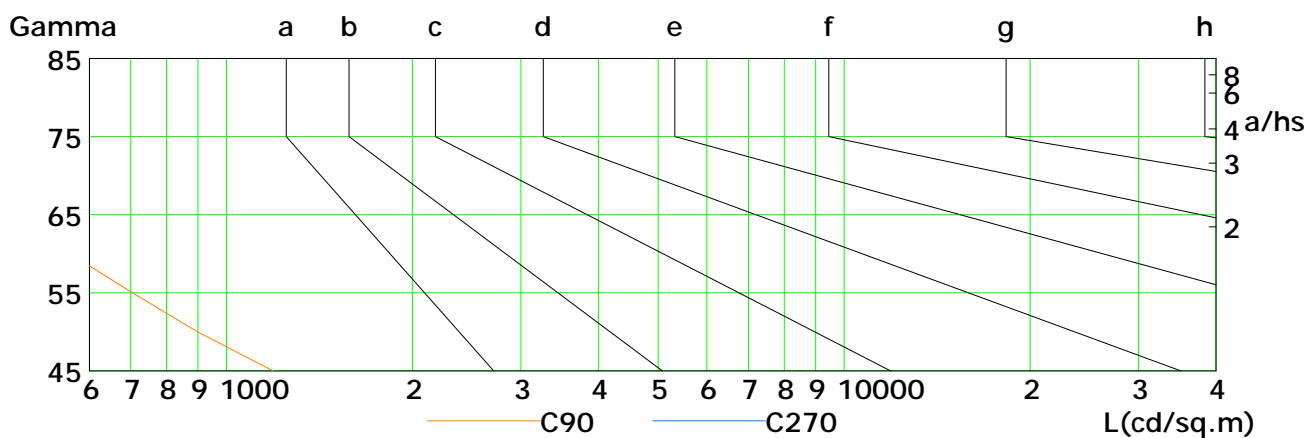
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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

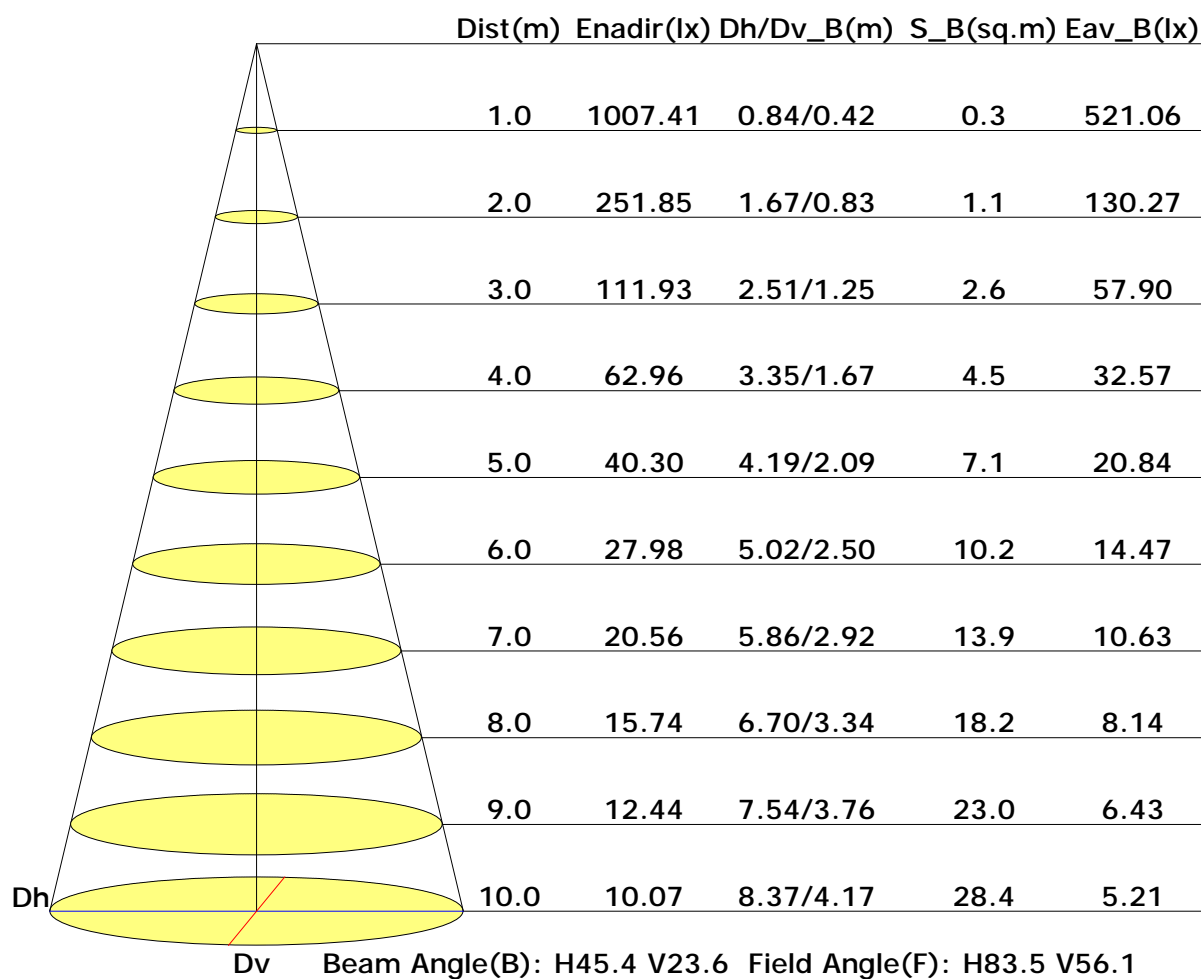


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	1546	1006	694	499	362	255	166	93	44
C90	1190	898	704	558	437	335	246	175	129
C180	1040	709	511	377	274	189	119	61	33
C270	526	376	230	113	67	62	70	79	91

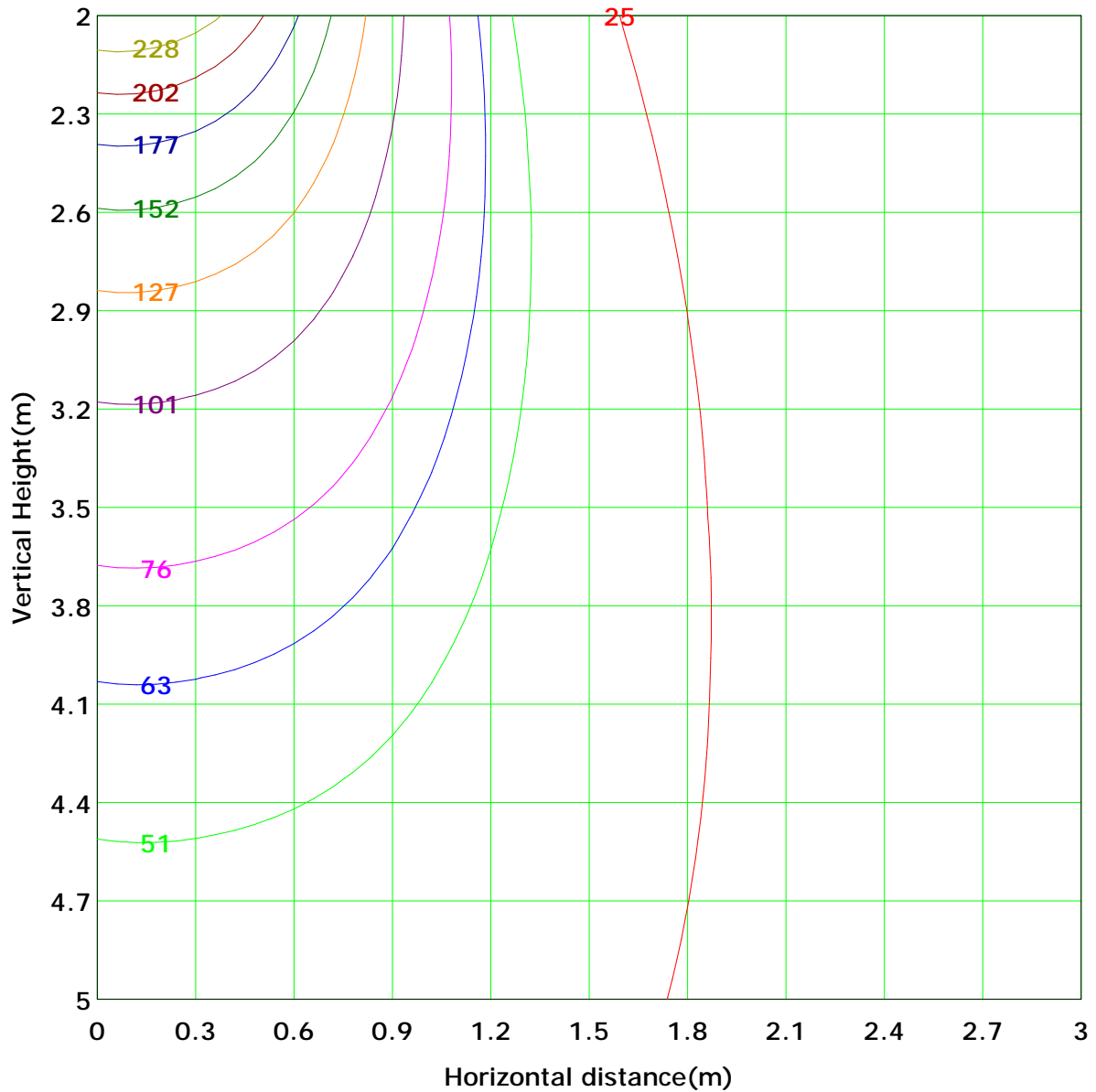
C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25
 Operator: Jacky

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

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 253.0 lx
(10%): 25.3 lx	(20%): 50.6 lx	(30%): 75.9 lx
(25%): 63.3 lx	(40%): 101.2 lx	(50%): 126.5 lx
(60%): 151.8 lx	(70%): 177.1 lx	(80%): 202.4 lx
(90%): 227.7 lx		

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

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

Area Flux Table

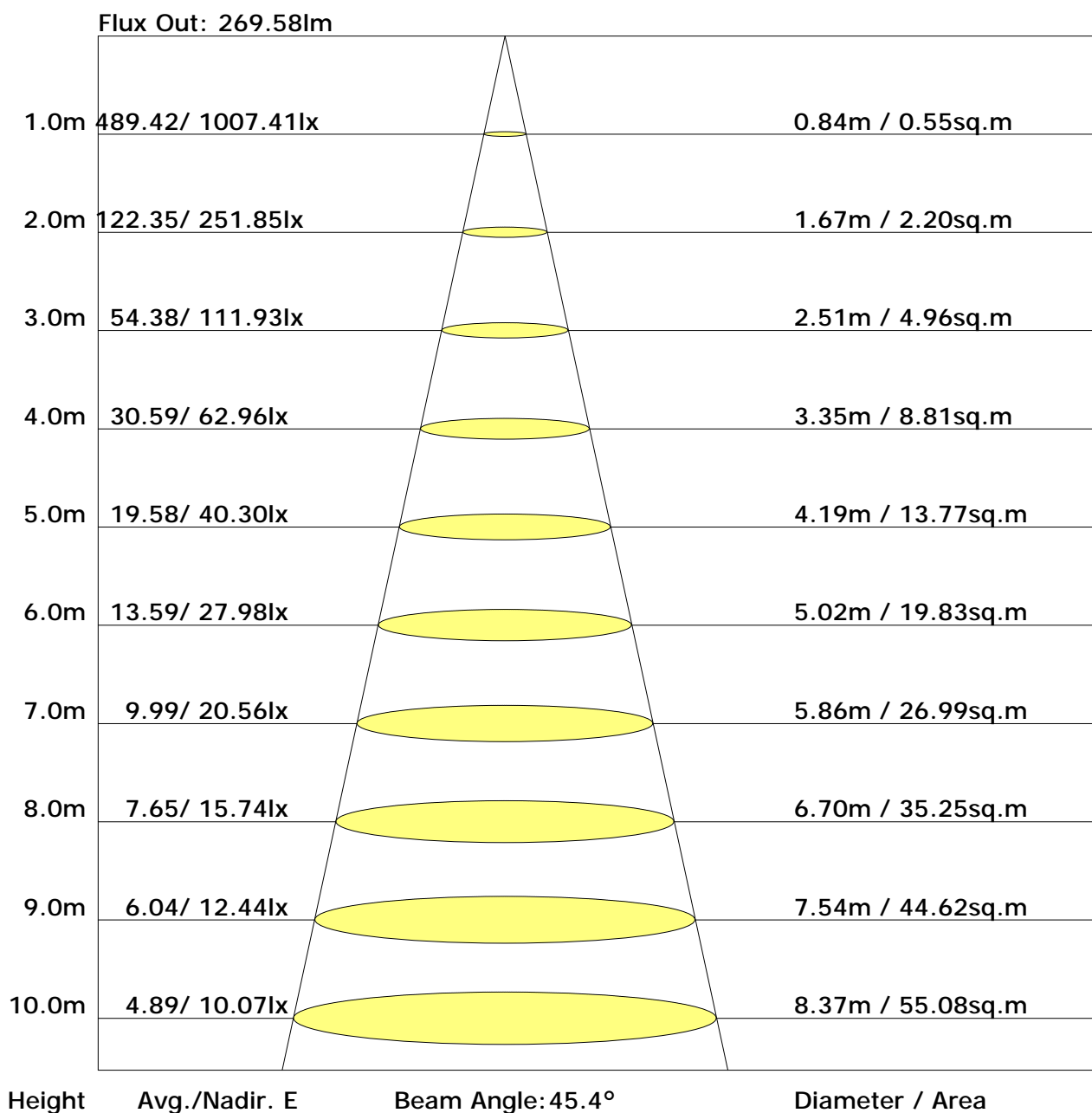
Unit: lm

		Orbit: m1																				
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
Vertical plane		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	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	0.1	0.0	0.0	0.0	0.9	0.0
		0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	2.3	0.0
		0.0	0.0	0.0	0.2	0.3	0.3	0.5	0.5	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.0	0.0	6.0	0.0
		0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.7	0.7	0.7	0.6	0.5	0.4	0.2	0.1	0.0	3.5	0.0
		0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	1.7	0.0	
		0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.8	0.0	
		0.1	0.6	2.0	4.6	9.3	19.0	38.5	67.4	88.3	92.0	75.8	47.7	25.0	11.9	5.6	2.5	0.8	0.1	491		
		0.0	0.0	0.0	0.0	0.0	8.5	30.0	59.1	80.2	84.0	67.8	39.7	16.4	1.6	0.0	0.0	0.0	0.0	0.0	387	
		-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																						

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

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	9.9	11.0	10.4	11.4	11.8	6.0	7.1	6.4	7.5	7.9
3H	11.0	11.9	11.4	12.3	12.8	6.8	7.8	7.2	8.1	8.6
4H	11.3	12.2	11.8	12.6	13.1	7.0	7.9	7.5	8.3	8.8
6H	11.5	12.3	11.9	12.7	13.2	7.1	7.9	7.6	8.3	8.8
8H	11.5	12.2	12.0	12.7	13.2	7.1	7.9	7.6	8.3	8.8
12H	11.5	12.2	12.0	12.7	13.2	7.1	7.8	7.6	8.3	8.8
X=4H Y=2H	9.8	10.7	10.3	11.1	11.6	6.6	7.4	7.0	7.9	8.3
3H	11.0	11.7	11.5	12.2	12.7	7.5	8.2	7.9	8.7	9.1
4H	11.3	12.0	11.8	12.5	13.0	7.7	8.4	8.2	8.8	9.4
6H	11.6	12.1	12.1	12.6	13.2	7.9	8.4	8.4	8.9	9.5
8H	11.6	12.1	12.1	12.6	13.2	7.9	8.4	8.4	8.9	9.5
12H	11.6	12.1	12.1	12.6	13.1	7.9	8.4	8.5	8.9	9.4
X=8H Y=4H	11.2	11.7	11.8	12.3	12.8	7.9	8.4	8.4	8.9	9.5
6H	11.5	11.9	12.0	12.4	13.0	8.1	8.5	8.7	9.1	9.6
8H	11.5	11.9	12.1	12.5	13.0	8.1	8.5	8.7	9.1	9.7
12H	11.6	11.9	12.1	12.4	13.1	8.2	8.5	8.8	9.1	9.7
X=12H Y=4H	11.2	11.6	11.7	12.2	12.7	7.9	8.3	8.4	8.9	9.4
6H	11.4	11.8	12.0	12.3	12.9	8.1	8.5	8.7	9.0	9.6
8H	11.5	11.8	12.1	12.4	13.0	8.2	8.5	8.7	9.0	9.7

Calculate in accordance with CIE 190:2010

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

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	0.82	0.88	0.93	0.96	1.00	1.03	1.05	1.08	1.09
	0.30		0.77	0.83	0.88	0.92	0.97	1.00	1.02	1.05	1.07
	0.20		0.73	0.80	0.85	0.88	0.93	0.97	1.00	1.03	1.05
0.50	0.50	0.20	0.80	0.86	0.90	0.93	0.97	0.99	1.01	1.03	1.05
	0.30		0.76	0.82	0.86	0.90	0.94	0.97	0.99	1.01	1.03
	0.20		0.72	0.79	0.83	0.87	0.91	0.94	0.97	1.00	1.02
0.30	0.50	0.20	0.79	0.84	0.88	0.90	0.94	0.96	0.98	0.99	1.01
	0.30		0.75	0.81	0.85	0.88	0.91	0.94	0.96	0.98	0.99
	0.20		0.72	0.78	0.82	0.85	0.89	0.92	0.94	0.96	0.98
0.00	0.00	0.00	0.70	0.76	0.79	0.82	0.86	0.88	0.89	0.91	0.93
Rating:9W 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	0.62	0.51	0.43	0.37	0.29	0.24	0.21	0.16	0.13
	0.30		0.52	0.43	0.37	0.33	0.27	0.22	0.19	0.15	0.12
	0.20		0.45	0.38	0.33	0.29	0.24	0.21	0.18	0.14	0.12
0.50	0.50	0.20	0.59	0.48	0.40	0.35	0.27	0.26	0.19	0.15	0.12
	0.30		0.50	0.41	0.35	0.31	0.25	0.21	0.18	0.14	0.11
	0.20		0.43	0.37	0.32	0.28	0.23	0.19	0.17	0.13	0.11
0.30	0.50	0.20	0.56	0.45	0.37	0.32	0.25	0.21	0.17	0.13	0.11
	0.30		0.48	0.39	0.33	0.29	0.23	0.19	0.16	0.13	0.11
	0.20		0.42	0.35	0.30	0.27	0.22	0.18	0.16	0.12	0.10
0.00	0.00	0.00	0.28	0.23	0.19	0.16	0.13	0.10	0.09	0.07	0.06
Rating:9W 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 = 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	0.22	0.23	0.23	0.24
	0.30		0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.22	0.22
	0.20		0.09	0.11	0.12	0.14	0.16	0.17	0.18	0.20	0.21
0.50	0.50	0.20	0.16	0.17	0.18	0.19	0.20	0.21	0.22	0.22	0.23
	0.30		0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.21	0.22
	0.20		0.09	0.11	0.12	0.13	0.15	0.17	0.18	0.19	0.20
0.30	0.50	0.20	0.15	0.17	0.18	0.18	0.20	0.20	0.21	0.21	0.22
	0.30		0.11	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.21
	0.20		0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20
0.00	0.00	0.00	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Rating:9W 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	994.6	1.0	1.0	0.19	0.19
1.0-2.0	988.8	2.8	3.8	0.56	0.75
2.0-3.0	977.5	4.7	8.5	0.92	1.67
3.0-4.0	961.0	6.4	14.9	1.27	2.94
4.0-5.0	939.3	8.1	23.0	1.60	4.54
5.0-6.0	912.6	9.6	32.6	1.89	6.43
6.0-7.0	881.8	10.9	43.5	2.16	8.59
7.0-8.0	847.3	12.1	55.6	2.39	10.99
8.0-9.0	809.5	13.1	68.8	2.59	13.58
9.0-10.0	769.9	13.9	82.7	2.75	16.33
10.0-11.0	729.0	14.6	97.3	2.88	19.20
11.0-12.0	687.5	15.0	112.3	2.97	22.17
12.0-13.0	646.1	15.3	127.6	3.03	25.20
13.0-14.0	605.3	15.5	143.1	3.06	28.26
14.0-15.0	564.9	15.5	158.6	3.06	31.32
15.0-16.0	526.0	15.4	174.1	3.04	34.36
16.0-17.0	489.1	15.2	189.3	3.01	37.37
17.0-18.0	453.5	15.0	204.2	2.95	40.32
18.0-19.0	419.7	14.6	218.8	2.88	43.21
19.0-20.0	387.8	14.2	233.0	2.80	46.01
20.0-21.0	357.8	13.7	246.8	2.71	48.72
21.0-22.0	329.6	13.2	260.0	2.62	51.34
22.0-23.0	303.4	12.7	272.8	2.51	53.85
23.0-24.0	278.9	12.2	285.0	2.41	56.26
24.0-25.0	256.3	11.7	296.6	2.30	58.56
25.0-26.0	235.3	11.1	307.7	2.19	60.75
26.0-27.0	215.9	10.6	318.3	2.09	62.84
27.0-28.0	198.1	10.0	328.3	1.98	64.82
28.0-29.0	181.7	9.5	337.8	1.88	66.70
29.0-30.0	166.7	9.0	346.8	1.78	68.47
30.0-31.0	152.9	8.5	355.3	1.68	70.15
31.0-32.0	140.2	8.0	363.4	1.59	71.74
32.0-33.0	128.6	7.6	370.9	1.50	73.24
33.0-34.0	118.1	7.1	378.1	1.41	74.65
34.0-35.0	108.4	6.7	384.8	1.33	75.98
35.0-36.0	99.6	6.3	391.2	1.25	77.23

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

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	91.6	6.0	397.1	1.18	78.41
37.0-38.0	84.3	5.6	402.8	1.11	79.52
38.0-39.0	77.7	5.3	408.1	1.05	80.57
39.0-40.0	71.8	5.0	413.1	0.99	81.55
40.0-41.0	66.3	4.7	417.8	0.93	82.49
41.0-42.0	61.3	4.5	422.3	0.88	83.37
42.0-43.0	56.8	4.2	426.5	0.83	84.20
43.0-44.0	52.6	4.0	430.4	0.78	84.98
44.0-45.0	48.8	3.7	434.2	0.74	85.72
45.0-46.0	45.3	3.5	437.7	0.70	86.42
46.0-47.0	42.1	3.3	441.1	0.66	87.08
47.0-48.0	39.2	3.2	444.2	0.62	87.70
48.0-49.0	36.5	3.0	447.2	0.59	88.30
49.0-50.0	34.0	2.8	450.1	0.56	88.86
50.0-51.0	31.7	2.7	452.7	0.53	89.39
51.0-52.0	29.6	2.5	455.3	0.50	89.89
52.0-53.0	27.7	2.4	457.7	0.48	90.36
53.0-54.0	25.9	2.3	460.0	0.45	90.81
54.0-55.0	24.2	2.2	462.1	0.43	91.24
55.0-56.0	22.7	2.0	464.2	0.40	91.64
56.0-57.0	21.2	1.9	466.1	0.38	92.03
57.0-58.0	19.8	1.8	468.0	0.36	92.39
58.0-59.0	18.5	1.7	469.7	0.34	92.73
59.0-60.0	17.3	1.6	471.3	0.32	93.05
60.0-61.0	16.1	1.5	472.9	0.30	93.36
61.0-62.0	15.0	1.4	474.3	0.29	93.64
62.0-63.0	14.0	1.4	475.7	0.27	93.91
63.0-64.0	13.1	1.3	477.0	0.25	94.17
64.0-65.0	12.2	1.2	478.2	0.24	94.40
65.0-66.0	11.4	1.1	479.3	0.22	94.63
66.0-67.0	10.6	1.1	480.4	0.21	94.84
67.0-68.0	9.8	1.0	481.4	0.20	95.03
68.0-69.0	9.1	0.9	482.3	0.18	95.22
69.0-70.0	8.5	0.9	483.2	0.17	95.39
70.0-71.0	7.8	0.8	484.0	0.16	95.55
71.0-72.0	7.2	0.7	484.7	0.15	95.70

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

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	6.6	0.7	485.4	0.14	95.83
73.0-74.0	6.0	0.6	486.0	0.12	95.96
74.0-75.0	5.5	0.6	486.6	0.11	96.07
75.0-76.0	5.0	0.5	487.1	0.11	96.18
76.0-77.0	4.6	0.5	487.6	0.10	96.27
77.0-78.0	4.2	0.4	488.1	0.09	96.36
78.0-79.0	3.8	0.4	488.5	0.08	96.44
79.0-80.0	3.4	0.4	488.9	0.07	96.51
80.0-81.0	3.1	0.3	489.2	0.07	96.58
81.0-82.0	2.8	0.3	489.5	0.06	96.64
82.0-83.0	2.5	0.3	489.8	0.05	96.69
83.0-84.0	2.3	0.3	490.0	0.05	96.74
84.0-85.0	2.1	0.2	490.2	0.05	96.79
85.0-86.0	2.0	0.2	490.5	0.04	96.83
86.0-87.0	1.9	0.2	490.7	0.04	96.87
87.0-88.0	1.9	0.2	490.9	0.04	96.91
88.0-89.0	1.8	0.2	491.1	0.04	96.95
89.0-90.0	1.8	0.2	491.3	0.04	96.99
90.0-91.0	1.8	0.2	491.5	0.04	97.03
91.0-92.0	1.8	0.2	491.7	0.04	97.07
92.0-93.0	1.8	0.2	491.9	0.04	97.11
93.0-94.0	1.8	0.2	492.1	0.04	97.15
94.0-95.0	1.8	0.2	492.3	0.04	97.19
95.0-96.0	1.8	0.2	492.4	0.04	97.22
96.0-97.0	1.8	0.2	492.6	0.04	97.26
97.0-98.0	1.8	0.2	492.8	0.04	97.30
98.0-99.0	1.8	0.2	493.0	0.04	97.34
99.0-100.0	1.7	0.2	493.2	0.04	97.37
100.0-101.0	1.7	0.2	493.4	0.04	97.41
101.0-102.0	1.7	0.2	493.6	0.04	97.45
102.0-103.0	1.7	0.2	493.8	0.04	97.48
103.0-104.0	1.8	0.2	494.0	0.04	97.52
104.0-105.0	1.7	0.2	494.1	0.04	97.56
105.0-106.0	1.7	0.2	494.3	0.04	97.59
106.0-107.0	1.7	0.2	494.5	0.04	97.63
107.0-108.0	1.8	0.2	494.7	0.04	97.67

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

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	1.8	0.2	494.9	0.04	97.70
109.0-110.0	1.8	0.2	495.1	0.04	97.74
110.0-111.0	1.8	0.2	495.2	0.04	97.78
111.0-112.0	1.8	0.2	495.4	0.04	97.81
112.0-113.0	1.8	0.2	495.6	0.04	97.85
113.0-114.0	1.8	0.2	495.8	0.04	97.88
114.0-115.0	1.9	0.2	496.0	0.04	97.92
115.0-116.0	1.9	0.2	496.2	0.04	97.96
116.0-117.0	1.9	0.2	496.3	0.04	97.99
117.0-118.0	1.9	0.2	496.5	0.04	98.03
118.0-119.0	2.0	0.2	496.7	0.04	98.07
119.0-120.0	2.0	0.2	496.9	0.04	98.11
120.0-121.0	2.0	0.2	497.1	0.04	98.14
121.0-122.0	2.0	0.2	497.3	0.04	98.18
122.0-123.0	2.0	0.2	497.5	0.04	98.22
123.0-124.0	2.1	0.2	497.7	0.04	98.26
124.0-125.0	2.1	0.2	497.9	0.04	98.29
125.0-126.0	2.2	0.2	498.1	0.04	98.33
126.0-127.0	2.2	0.2	498.2	0.04	98.37
127.0-128.0	2.2	0.2	498.4	0.04	98.41
128.0-129.0	2.3	0.2	498.6	0.04	98.45
129.0-130.0	2.3	0.2	498.8	0.04	98.49
130.0-131.0	2.4	0.2	499.0	0.04	98.53
131.0-132.0	2.4	0.2	499.2	0.04	98.56
132.0-133.0	2.5	0.2	499.4	0.04	98.60
133.0-134.0	2.6	0.2	499.6	0.04	98.64
134.0-135.0	2.6	0.2	499.8	0.04	98.68
135.0-136.0	2.7	0.2	500.1	0.04	98.73
136.0-137.0	2.7	0.2	500.3	0.04	98.77
137.0-138.0	2.8	0.2	500.5	0.04	98.81
138.0-139.0	2.9	0.2	500.7	0.04	98.85
139.0-140.0	2.9	0.2	500.9	0.04	98.89
140.0-141.0	3.0	0.2	501.1	0.04	98.93
141.0-142.0	3.1	0.2	501.3	0.04	98.97
142.0-143.0	3.1	0.2	501.5	0.04	99.01
143.0-144.0	3.2	0.2	501.7	0.04	99.05

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

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	3.3	0.2	501.9	0.04	99.10
145.0-146.0	3.4	0.2	502.1	0.04	99.14
146.0-147.0	3.5	0.2	502.3	0.04	99.18
147.0-148.0	3.5	0.2	502.6	0.04	99.22
148.0-149.0	3.6	0.2	502.8	0.04	99.26
149.0-150.0	3.6	0.2	503.0	0.04	99.30
150.0-151.0	3.7	0.2	503.2	0.04	99.34
151.0-152.0	3.8	0.2	503.4	0.04	99.38
152.0-153.0	3.9	0.2	503.6	0.04	99.42
153.0-154.0	3.9	0.2	503.8	0.04	99.46
154.0-155.0	4.0	0.2	503.9	0.04	99.49
155.0-156.0	4.1	0.2	504.1	0.04	99.53
156.0-157.0	4.1	0.2	504.3	0.04	99.56
157.0-158.0	4.2	0.2	504.5	0.03	99.60
158.0-159.0	4.2	0.2	504.6	0.03	99.63
159.0-160.0	4.3	0.2	504.8	0.03	99.66
160.0-161.0	4.3	0.2	505.0	0.03	99.70
161.0-162.0	4.4	0.2	505.1	0.03	99.73
162.0-163.0	4.4	0.1	505.3	0.03	99.75
163.0-164.0	4.4	0.1	505.4	0.03	99.78
164.0-165.0	4.5	0.1	505.5	0.03	99.81
165.0-166.0	4.5	0.1	505.7	0.02	99.83
166.0-167.0	4.5	0.1	505.8	0.02	99.85
167.0-168.0	4.5	0.1	505.9	0.02	99.88
168.0-169.0	4.5	0.1	506.0	0.02	99.90
169.0-170.0	4.5	0.1	506.1	0.02	99.91
170.0-171.0	4.6	0.1	506.2	0.02	99.93
171.0-172.0	4.6	0.1	506.2	0.01	99.94
172.0-173.0	4.6	0.1	506.3	0.01	99.96
173.0-174.0	4.6	0.1	506.3	0.01	99.97
174.0-175.0	4.6	0.0	506.4	0.01	99.98
175.0-176.0	4.6	0.0	506.4	0.01	99.99
176.0-177.0	4.6	0.0	506.5	0.01	99.99
177.0-178.0	4.6	0.0	506.5	0.00	100.00
178.0-179.0	4.6	0.0	506.5	0.00	100.00
179.0-180.0	4.6	0.0	506.5	0.00	100.00

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

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