

Report No.:

Test Time: 2023/2/21 17:14

## Luminaire Property

Luminaire Manufacturer: ACOLYTE

Luminaire Category: WALL WASHER

Luminaire Description: FORTEACNS12RGBW4030-BLUE ON

Luminous Length (mm): 330

Luminous Width (mm): 96

Luminous Height (mm): 162.5

Voltage: 219.2 V

Current: 0.106 A

Power: 9.57 W

Power Factor: 0.412

## Photometric Results

CIE Class: Direct

Measurement Flux: 122.7 lm

Downward Ratio: 98%

Horizontal Diffuse Angle(10%,50%): H85.8,H32.8

Vertical Diffuse Angle(10%,50%): V74.6,V33

Luminaire Efficacy Rating (LER): 13

Max. Intensity: 211.89 cd

Total Rated Lamp Lumens: 122.7 lm

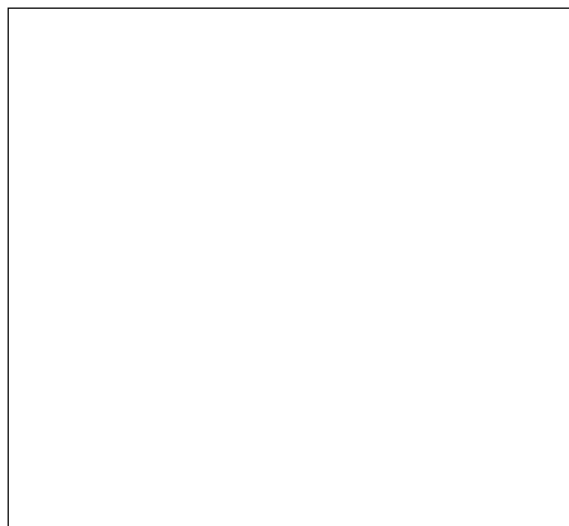
Efficiency: 100%

Upward Ratio: 2%

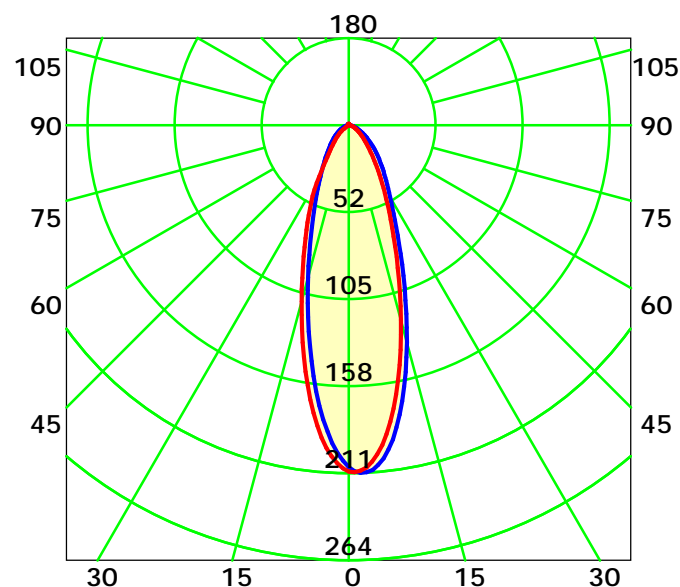
Central Intensity: 208.09 cd

Pos of Max. Intensity: H150 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 32.9° 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

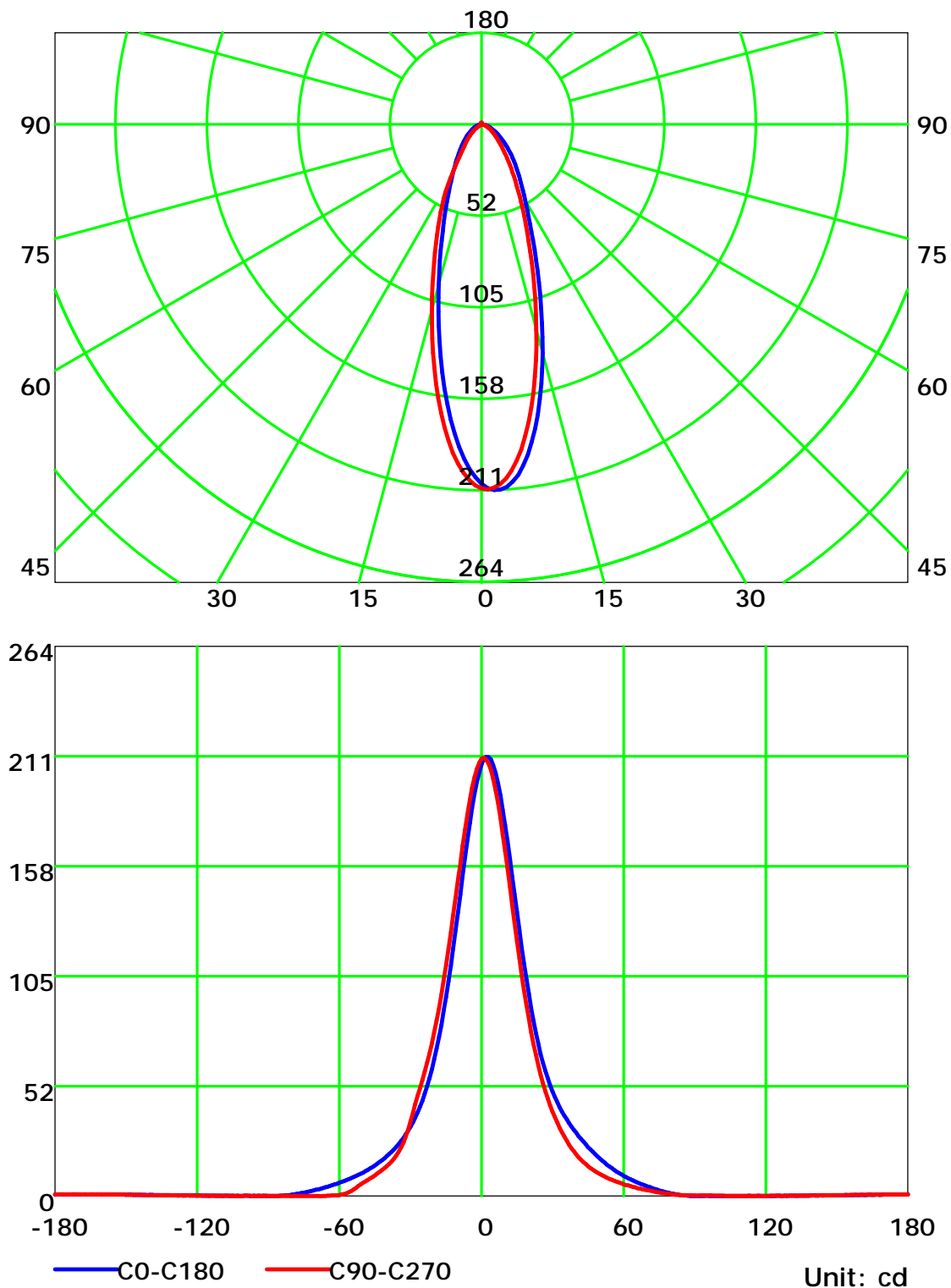
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

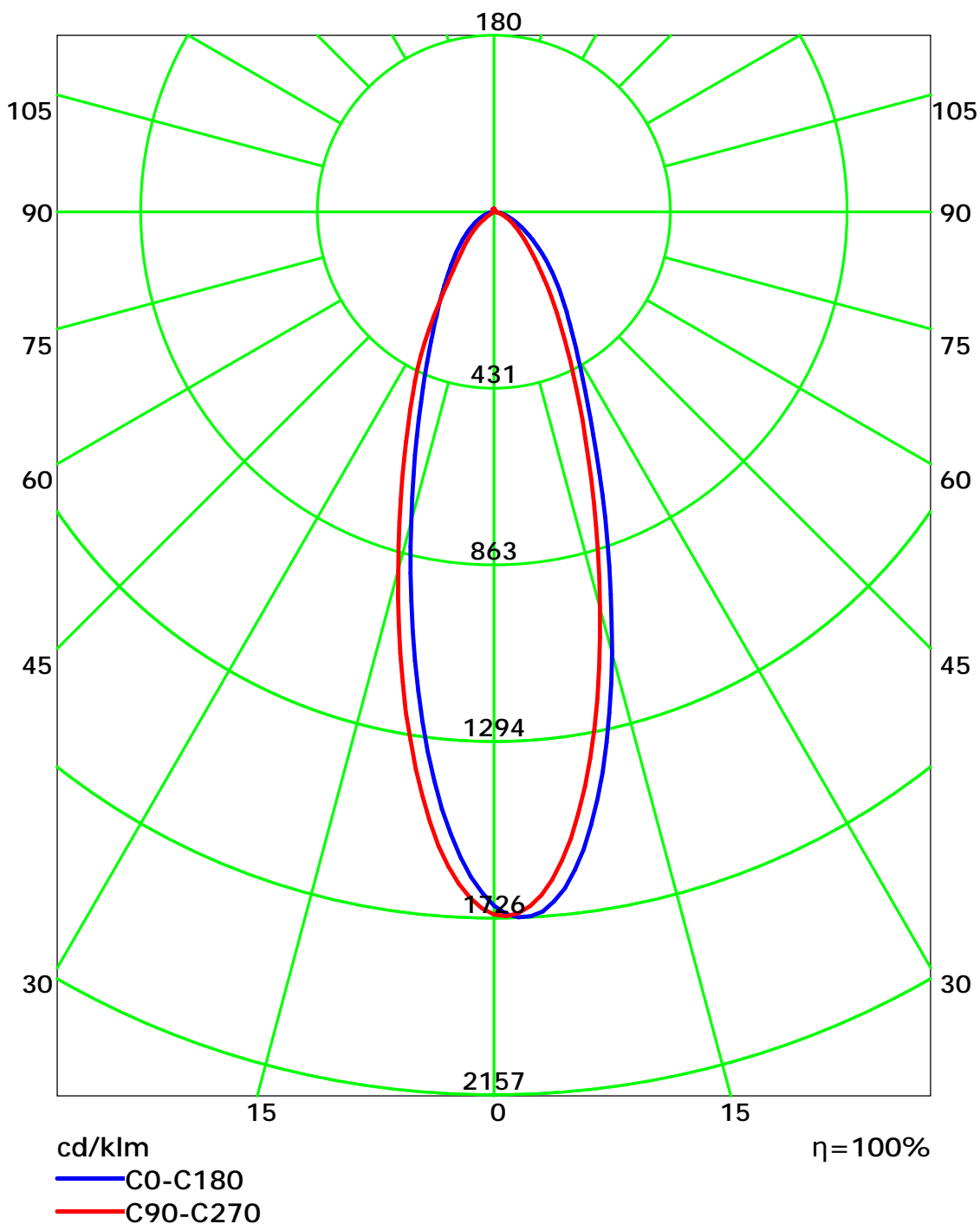
## Luminous Intensity Distribution Curve



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:

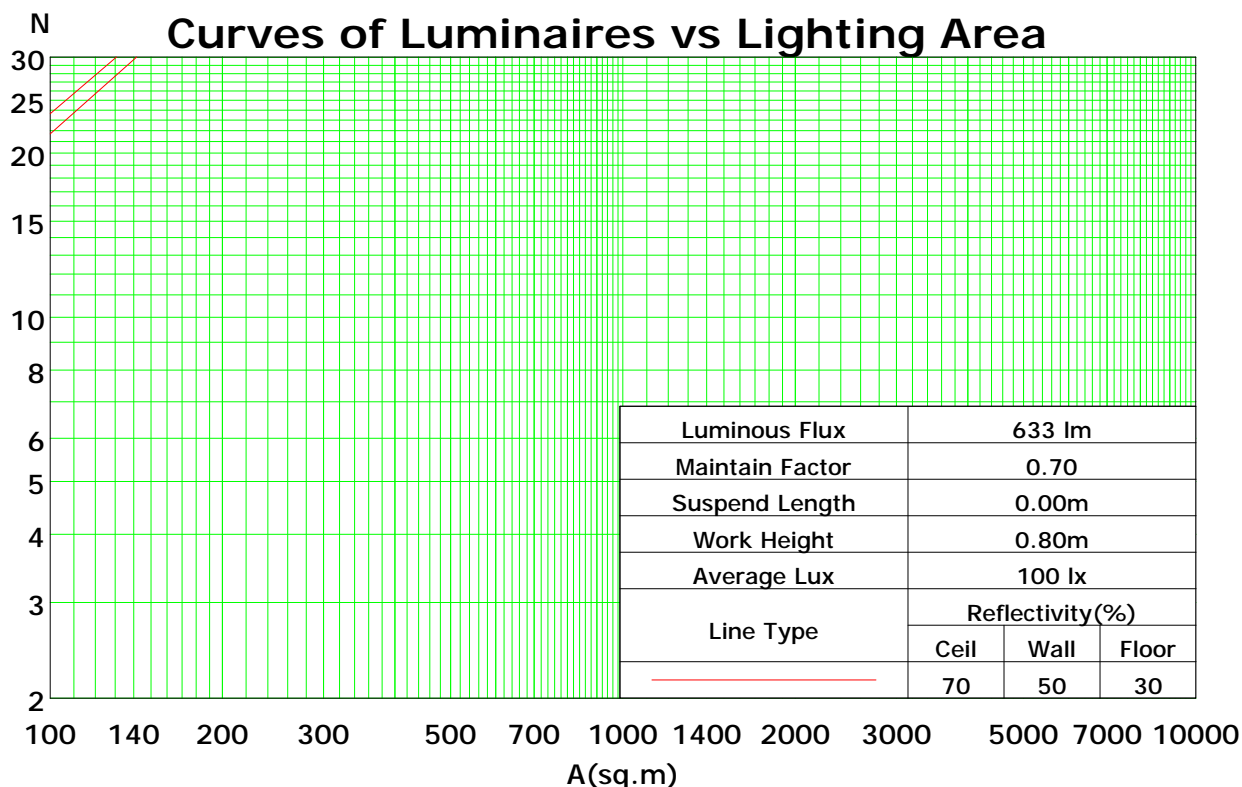
## Coefficients Of Utilization - Zonal Cavity Method

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	119	119	119	119	116	116	116	116	110	110	110	105	105	105	100	100	100	98
1	112	109	106	104	109	107	104	102	102	100	98	98	97	95	94	93	92	90
2	106	100	96	92	103	98	94	91	95	91	88	91	89	86	88	86	84	82
3	100	93	87	83	98	91	86	82	88	84	80	85	82	79	83	80	77	76
4	94	86	80	75	92	85	79	75	82	77	74	80	76	73	78	74	71	70
5	89	80	74	69	87	79	73	69	77	72	68	75	71	67	73	69	66	65
6	85	75	69	64	83	74	68	64	72	67	63	71	66	63	69	65	62	60
7	80	71	64	60	79	70	64	59	68	63	59	67	62	59	66	61	58	57
8	77	67	60	56	75	66	60	56	65	59	55	63	59	55	62	58	55	53
9	73	63	57	53	72	62	57	52	61	56	52	60	55	52	59	55	52	50
10	70	60	54	50	69	59	53	50	58	53	49	57	53	49	56	52	49	48

Spacing Criteria (0-180): 0.54

Spacing Criteria (90-270): 0.54

Spacing Criteria (Diagonal): 0.60



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

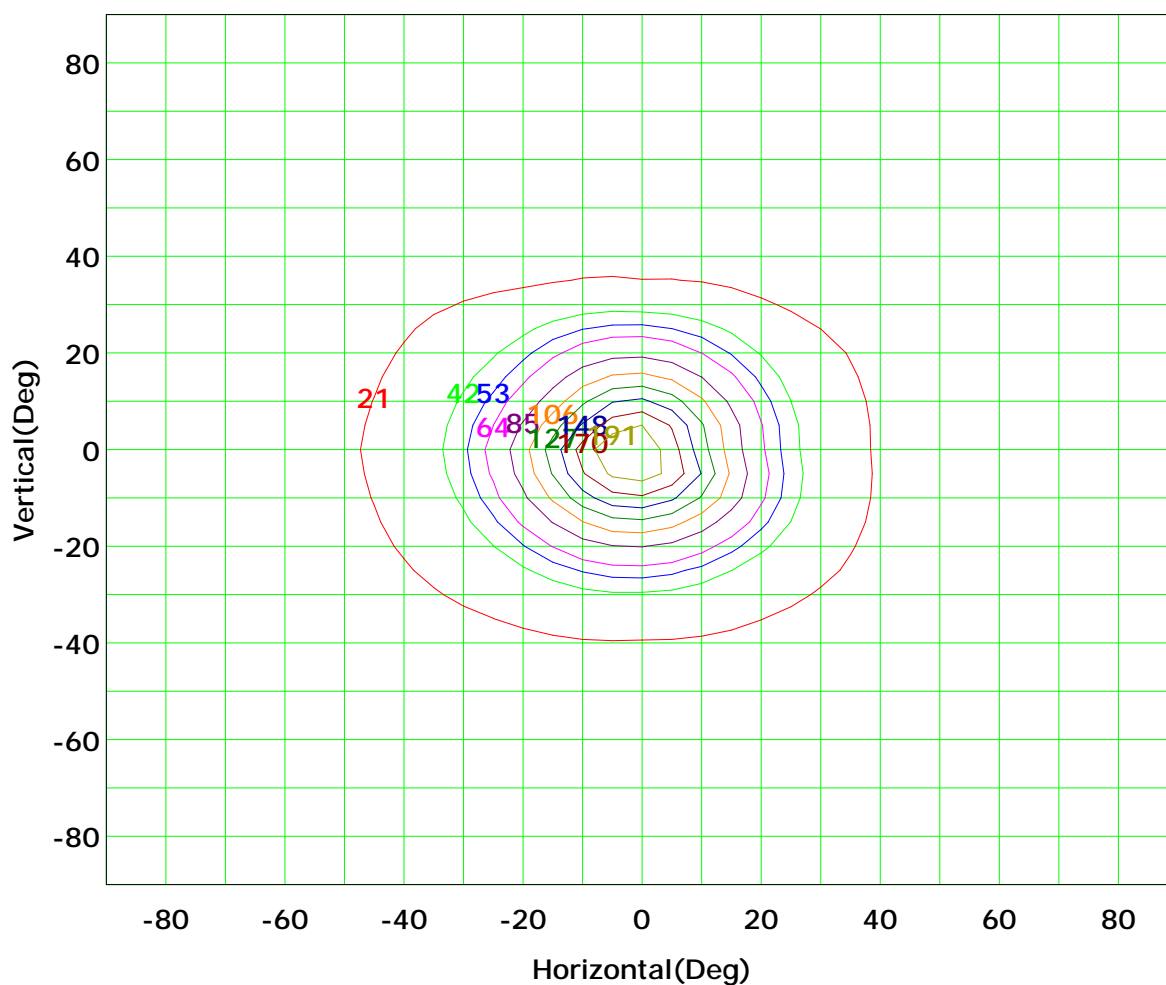
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

## Isocandela (rectangle)



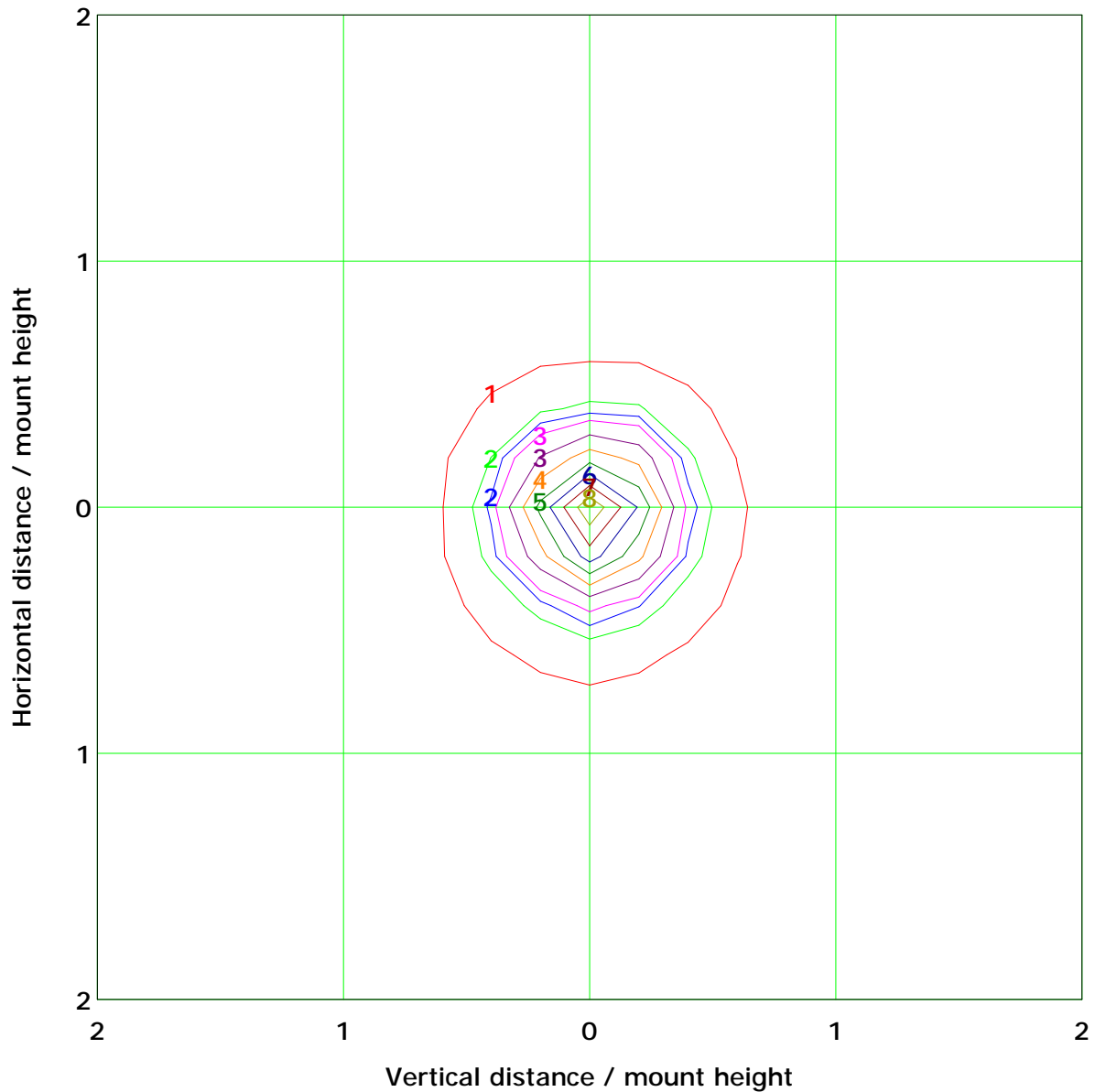
I<sub>max</sub> (100%): 212 cd

( 10%):	21 cd	( 20%):	42 cd
( 25%):	53 cd	( 30%):	64 cd
( 40%):	85 cd	( 50%):	106 cd
( 60%):	127 cd	( 70%):	148 cd
( 80%):	170 cd	( 90%):	191 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%): 8.5 lx

( 10%): 0.8 lx	( 20%): 1.7 lx
( 25%): 2.1 lx	( 30%): 2.5 lx
( 40%): 3.4 lx	( 50%): 4.2 lx
( 60%): 5.1 lx	( 70%): 5.9 lx
( 80%): 6.8 lx	( 90%): 7.6 lx

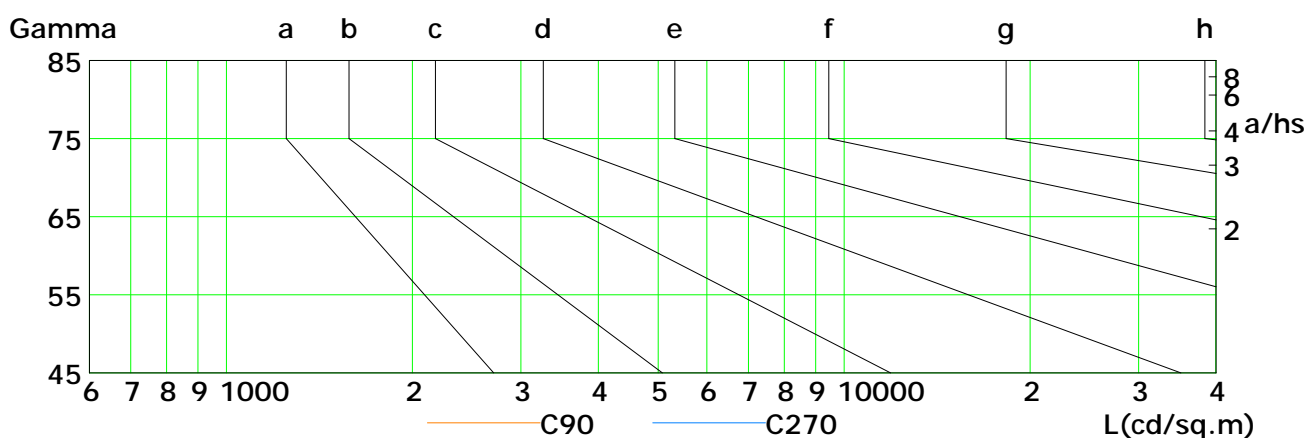
C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Jacky

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

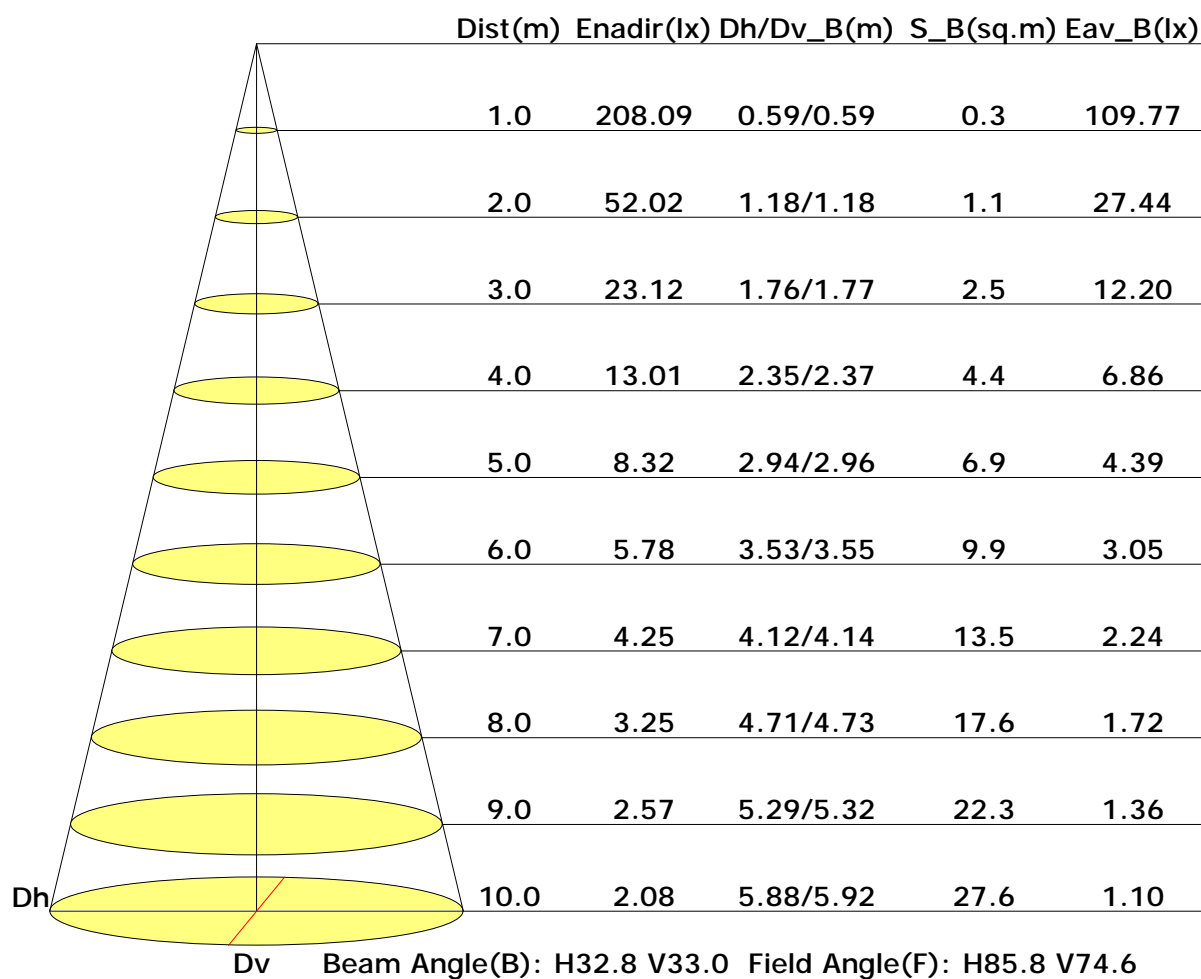


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	393	296	219	159	114	78	48	24	8
C90	436	333	259	198	157	117	80	50	33
C180	248	187	141	106	76	51	30	15	6
C270	303	202	83	22	12	6	9	6	9

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

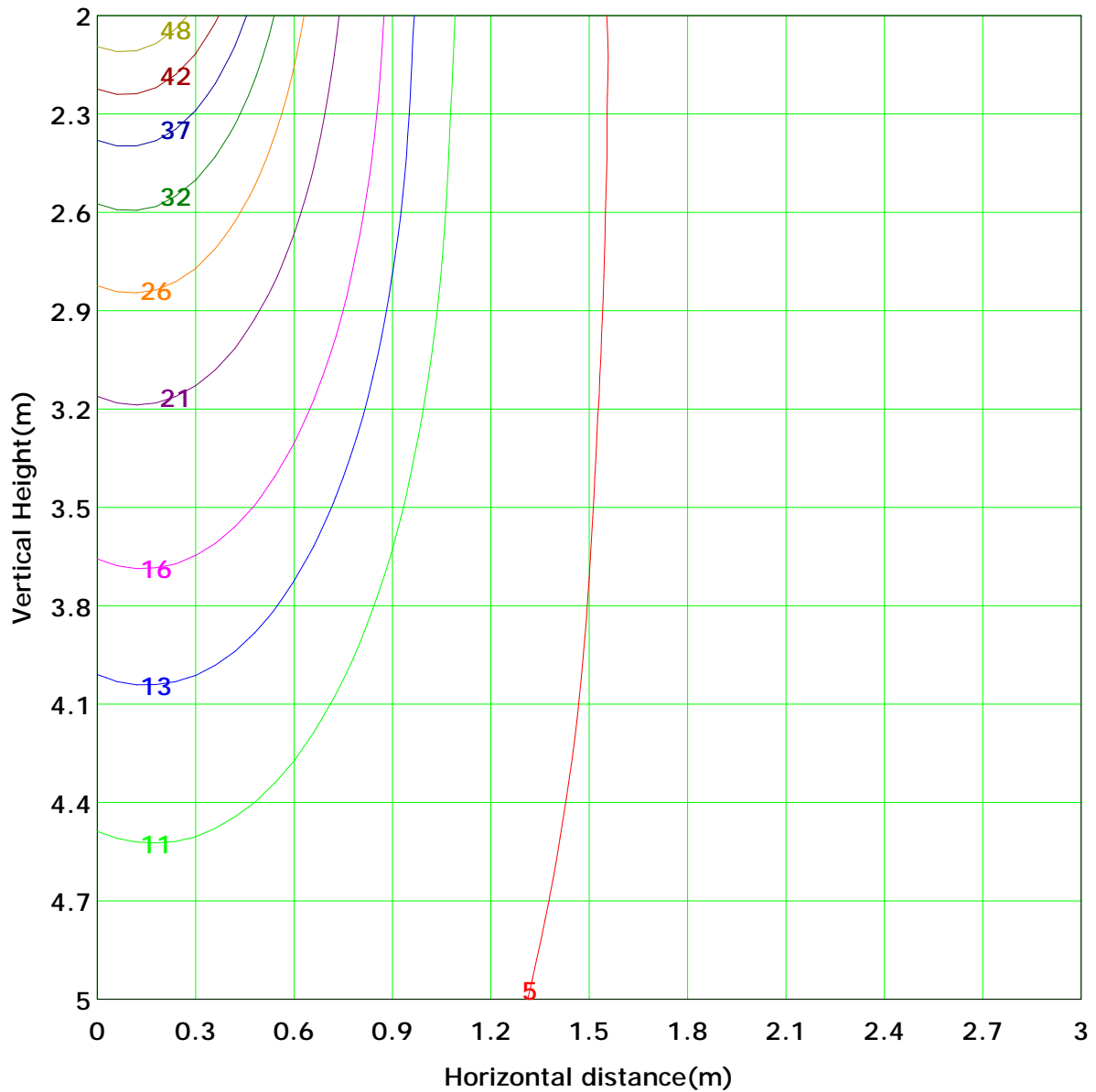


C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Jacky

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



## Vertical IsoLux Plot



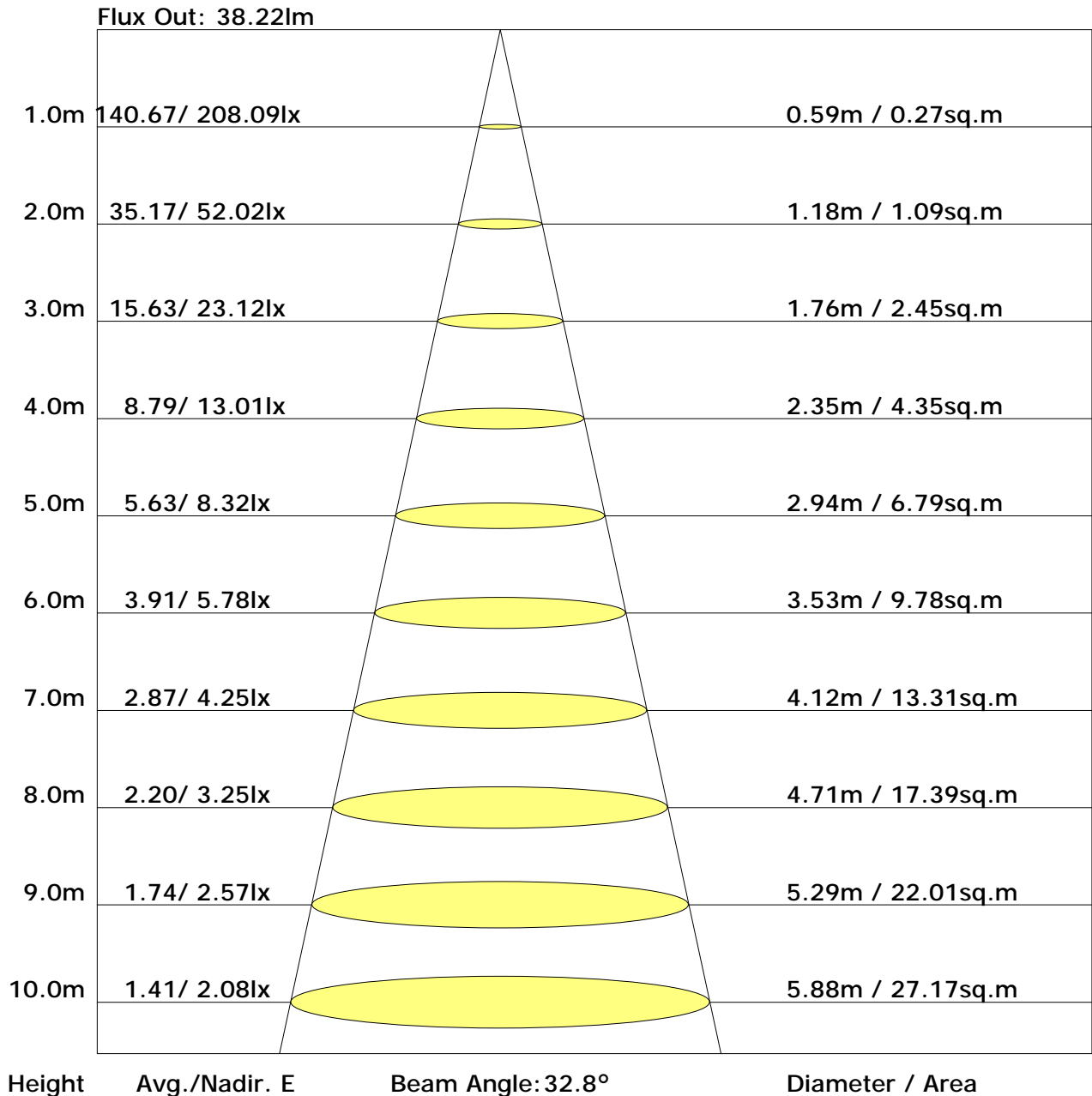
Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 52.8 lx
( 10%): 5.3 lx	( 20%): 10.6 lx	
( 25%): 13.2 lx	( 30%): 15.8 lx	
( 40%): 21.1 lx	( 50%): 26.4 lx	
( 60%): 31.7 lx	( 70%): 37.0 lx	
( 80%): 42.2 lx	( 90%): 47.5 lx	

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:

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	12.0	13.1	12.4	13.5	13.8	8.6	9.8	9.0	10.1	10.5
3H	12.9	14.0	13.4	14.3	14.7	9.4	10.4	9.8	10.8	11.2
4H	13.2	14.1	13.6	14.5	15.0	9.5	10.5	10.0	10.9	11.3
6H	13.3	14.1	13.7	14.6	15.0	9.6	10.4	10.0	10.9	11.3
8H	13.3	14.1	13.8	14.5	15.0	9.6	10.4	10.0	10.8	11.3
12H	13.3	14.0	13.7	14.5	14.9	9.5	10.3	10.0	10.8	11.2
X=4H Y=2H	11.9	12.8	12.3	13.2	13.7	9.1	10.0	9.5	10.4	10.9
3H	12.9	13.7	13.4	14.1	14.6	9.9	10.7	10.4	11.2	11.6
4H	13.2	13.9	13.7	14.4	14.9	10.2	10.8	10.6	11.3	11.8
6H	13.4	13.9	13.9	14.4	14.9	10.3	10.8	10.8	11.3	11.8
8H	13.4	13.9	13.9	14.4	14.9	10.2	10.8	10.7	11.3	11.8
12H	13.3	13.8	13.9	14.3	14.9	10.2	10.7	10.8	11.2	11.8
X=8H Y=4H	13.1	13.7	13.6	14.1	14.7	10.3	10.8	10.8	11.3	11.8
6H	13.2	13.7	13.8	14.2	14.8	10.4	10.8	10.9	11.4	11.9
8H	13.3	13.7	13.8	14.2	14.8	10.4	10.8	11.0	11.3	11.9
12H	13.3	13.6	13.8	14.1	14.8	10.4	10.7	11.0	11.3	11.9
X=12H Y=4H	13.1	13.5	13.6	14.1	14.6	10.2	10.7	10.7	11.2	11.8
6H	13.2	13.6	13.8	14.1	14.7	10.4	10.8	10.9	11.3	11.9
8H	13.2	13.6	13.8	14.1	14.7	10.4	10.7	10.9	11.3	11.9

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	0.78	0.85	0.90	0.94	0.99	1.02	1.04	1.07	1.09
	0.30		0.73	0.80	0.85	0.89	0.95	0.98	1.01	1.04	1.07
	0.20		0.69	0.76	0.82	0.86	0.91	0.95	0.98	1.02	1.05
0.50	0.50	0.20	0.76	0.83	0.88	0.91	0.96	0.99	1.00	1.03	1.05
	0.30		0.72	0.79	0.84	0.87	0.92	0.96	0.98	1.01	1.03
	0.20		0.68	0.75	0.80	0.84	0.89	0.93	0.96	0.99	1.01
0.30	0.50	0.20	0.75	0.81	0.86	0.89	0.93	0.95	0.97	0.99	1.00
	0.30		0.71	0.78	0.82	0.86	0.90	0.93	0.95	0.97	0.99
	0.20		0.68	0.75	0.79	0.83	0.88	0.91	0.93	0.96	0.98
0.00	0.00	0.00	0.66	0.72	0.77	0.80	0.84	0.87	0.89	0.91	0.93
Rating: 10W 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	0.68	0.55	0.47	0.40	0.32	0.26	0.22	0.17	0.14
	0.30		0.57	0.47	0.41	0.36	0.29	0.24	0.21	0.16	0.13
	0.20		0.49	0.41	0.36	0.32	0.26	0.22	0.19	0.15	0.13
0.50	0.50	0.20	0.65	0.52	0.44	0.38	0.30	0.28	0.21	0.16	0.13
	0.30		0.55	0.45	0.39	0.34	0.27	0.22	0.19	0.15	0.12
	0.20		0.48	0.40	0.35	0.31	0.25	0.21	0.18	0.14	0.12
0.30	0.50	0.20	0.62	0.49	0.41	0.35	0.28	0.23	0.19	0.15	0.12
	0.30		0.53	0.44	0.37	0.32	0.25	0.21	0.18	0.14	0.11
	0.20		0.46	0.39	0.33	0.29	0.24	0.20	0.17	0.13	0.11
0.00	0.00	0.00	0.33	0.27	0.22	0.19	0.15	0.12	0.10	0.08	0.06
<p>Rating: 10W 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	0.17	0.18	0.19	0.20	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		0.08	0.10	0.11	0.13	0.15	0.16	0.17	0.19	0.20
0.50	0.50	0.20	0.15	0.17	0.18	0.18	0.20	0.20	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		0.08	0.09	0.11	0.12	0.14	0.16	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		0.08	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: 10W 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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	209.8	0.2	0.2	0.16	0.16
1.0-2.0	208.5	0.6	0.8	0.49	0.65
2.0-3.0	206.1	1.0	1.8	0.80	1.45
3.0-4.0	202.5	1.4	3.1	1.10	2.56
4.0-5.0	197.9	1.7	4.8	1.39	3.95
5.0-6.0	192.3	2.0	6.9	1.65	5.59
6.0-7.0	185.8	2.3	9.2	1.88	7.47
7.0-8.0	178.7	2.6	11.7	2.08	9.56
8.0-9.0	170.9	2.8	14.5	2.26	11.81
9.0-10.0	162.9	2.9	17.4	2.40	14.22
10.0-11.0	154.6	3.1	20.5	2.52	16.73
11.0-12.0	146.1	3.2	23.7	2.60	19.34
12.0-13.0	137.5	3.3	27.0	2.66	22.00
13.0-14.0	129.2	3.3	30.3	2.69	24.69
14.0-15.0	120.9	3.3	33.6	2.71	27.40
15.0-16.0	113.0	3.3	36.9	2.70	30.09
16.0-17.0	105.4	3.3	40.2	2.67	32.77
17.0-18.0	98.2	3.2	43.5	2.64	35.40
18.0-19.0	91.3	3.2	46.6	2.59	37.99
19.0-20.0	85.0	3.1	49.7	2.53	40.53
20.0-21.0	79.0	3.0	52.8	2.47	43.00
21.0-22.0	73.5	3.0	55.7	2.41	45.41
22.0-23.0	68.4	2.9	58.6	2.34	47.75
23.0-24.0	63.8	2.8	61.4	2.27	50.02
24.0-25.0	59.5	2.7	64.1	2.20	52.23
25.0-26.0	55.5	2.6	66.7	2.14	54.36
26.0-27.0	51.9	2.5	69.3	2.07	56.43
27.0-28.0	48.6	2.5	71.7	2.00	58.44
28.0-29.0	45.4	2.4	74.1	1.94	60.37
29.0-30.0	42.5	2.3	76.4	1.87	62.25
30.0-31.0	39.7	2.2	78.6	1.80	64.05
31.0-32.0	37.1	2.1	80.7	1.73	65.78
32.0-33.0	34.7	2.0	82.8	1.67	67.45
33.0-34.0	32.4	2.0	84.7	1.60	69.04
34.0-35.0	30.3	1.9	86.6	1.53	70.58
35.0-36.0	28.4	1.8	88.4	1.47	72.05

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 1)

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	26.6	1.7	90.2	1.41	73.47
37.0-38.0	25.0	1.7	91.8	1.36	74.82
38.0-39.0	23.5	1.6	93.4	1.31	76.13
39.0-40.0	22.1	1.5	95.0	1.26	77.39
40.0-41.0	20.8	1.5	96.5	1.21	78.59
41.0-42.0	19.6	1.4	97.9	1.16	79.75
42.0-43.0	18.4	1.4	99.2	1.11	80.86
43.0-44.0	17.3	1.3	100.6	1.07	81.93
44.0-45.0	16.3	1.3	101.8	1.02	82.95
45.0-46.0	15.3	1.2	103.0	0.98	83.93
46.0-47.0	14.4	1.1	104.1	0.93	84.86
47.0-48.0	13.5	1.1	105.2	0.89	85.75
48.0-49.0	12.6	1.0	106.3	0.84	86.59
49.0-50.0	11.8	1.0	107.3	0.80	87.39
50.0-51.0	11.0	0.9	108.2	0.76	88.15
51.0-52.0	10.3	0.9	109.1	0.72	88.87
52.0-53.0	9.6	0.8	109.9	0.68	89.55
53.0-54.0	8.9	0.8	110.7	0.64	90.19
54.0-55.0	8.3	0.7	111.4	0.60	90.79
55.0-56.0	7.7	0.7	112.1	0.56	91.35
56.0-57.0	7.1	0.6	112.8	0.53	91.88
57.0-58.0	6.6	0.6	113.4	0.50	92.38
58.0-59.0	6.1	0.6	113.9	0.46	92.84
59.0-60.0	5.6	0.5	114.5	0.43	93.27
60.0-61.0	5.2	0.5	115.0	0.40	93.68
61.0-62.0	4.8	0.5	115.4	0.38	94.06
62.0-63.0	4.5	0.4	115.9	0.35	94.41
63.0-64.0	4.1	0.4	116.3	0.33	94.74
64.0-65.0	3.8	0.4	116.7	0.31	95.05
65.0-66.0	3.5	0.4	117.0	0.29	95.34
66.0-67.0	3.3	0.3	117.3	0.27	95.61
67.0-68.0	3.0	0.3	117.6	0.25	95.86
68.0-69.0	2.8	0.3	117.9	0.23	96.09
69.0-70.0	2.5	0.3	118.2	0.21	96.30
70.0-71.0	2.3	0.2	118.4	0.19	96.49
71.0-72.0	2.1	0.2	118.6	0.18	96.67

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 2)

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	1.9	0.2	118.8	0.16	96.83
73.0-74.0	1.7	0.2	119.0	0.15	96.98
74.0-75.0	1.5	0.2	119.2	0.13	97.11
75.0-76.0	1.4	0.1	119.3	0.12	97.23
76.0-77.0	1.2	0.1	119.5	0.11	97.34
77.0-78.0	1.1	0.1	119.6	0.09	97.43
78.0-79.0	1.0	0.1	119.7	0.08	97.52
79.0-80.0	0.8	0.1	119.8	0.07	97.59
80.0-81.0	0.7	0.1	119.9	0.06	97.65
81.0-82.0	0.6	0.1	119.9	0.06	97.71
82.0-83.0	0.5	0.1	120.0	0.05	97.76
83.0-84.0	0.5	0.1	120.0	0.04	97.80
84.0-85.0	0.4	0.0	120.1	0.04	97.84
85.0-86.0	0.4	0.0	120.1	0.03	97.87
86.0-87.0	0.3	0.0	120.2	0.03	97.90
87.0-88.0	0.3	0.0	120.2	0.03	97.92
88.0-89.0	0.3	0.0	120.2	0.03	97.95
89.0-90.0	0.3	0.0	120.2	0.03	97.98
90.0-91.0	0.3	0.0	120.3	0.02	98.00
91.0-92.0	0.3	0.0	120.3	0.02	98.03
92.0-93.0	0.3	0.0	120.3	0.02	98.05
93.0-94.0	0.3	0.0	120.4	0.02	98.07
94.0-95.0	0.3	0.0	120.4	0.02	98.10
95.0-96.0	0.3	0.0	120.4	0.02	98.12
96.0-97.0	0.3	0.0	120.5	0.02	98.15
97.0-98.0	0.3	0.0	120.5	0.02	98.17
98.0-99.0	0.3	0.0	120.5	0.02	98.19
99.0-100.0	0.2	0.0	120.5	0.02	98.21
100.0-101.0	0.3	0.0	120.6	0.02	98.24
101.0-102.0	0.3	0.0	120.6	0.02	98.26
102.0-103.0	0.2	0.0	120.6	0.02	98.28
103.0-104.0	0.2	0.0	120.6	0.02	98.30
104.0-105.0	0.2	0.0	120.7	0.02	98.32
105.0-106.0	0.2	0.0	120.7	0.02	98.34
106.0-107.0	0.3	0.0	120.7	0.02	98.36
107.0-108.0	0.2	0.0	120.8	0.02	98.39

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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	0.2	0.0	120.8	0.02	98.41
109.0-110.0	0.2	0.0	120.8	0.02	98.43
110.0-111.0	0.2	0.0	120.8	0.02	98.45
111.0-112.0	0.2	0.0	120.9	0.02	98.47
112.0-113.0	0.3	0.0	120.9	0.02	98.49
113.0-114.0	0.3	0.0	120.9	0.02	98.51
114.0-115.0	0.3	0.0	120.9	0.02	98.53
115.0-116.0	0.3	0.0	121.0	0.02	98.55
116.0-117.0	0.3	0.0	121.0	0.02	98.57
117.0-118.0	0.3	0.0	121.0	0.02	98.60
118.0-119.0	0.3	0.0	121.0	0.02	98.62
119.0-120.0	0.3	0.0	121.1	0.02	98.64
120.0-121.0	0.3	0.0	121.1	0.02	98.66
121.0-122.0	0.3	0.0	121.1	0.02	98.69
122.0-123.0	0.3	0.0	121.2	0.02	98.71
123.0-124.0	0.3	0.0	121.2	0.02	98.74
124.0-125.0	0.3	0.0	121.2	0.02	98.76
125.0-126.0	0.3	0.0	121.2	0.02	98.78
126.0-127.0	0.3	0.0	121.3	0.02	98.81
127.0-128.0	0.4	0.0	121.3	0.03	98.83
128.0-129.0	0.4	0.0	121.3	0.02	98.86
129.0-130.0	0.4	0.0	121.4	0.03	98.88
130.0-131.0	0.4	0.0	121.4	0.03	98.91
131.0-132.0	0.4	0.0	121.4	0.03	98.94
132.0-133.0	0.4	0.0	121.5	0.03	98.96
133.0-134.0	0.4	0.0	121.5	0.03	98.99
134.0-135.0	0.4	0.0	121.5	0.03	99.02
135.0-136.0	0.4	0.0	121.6	0.03	99.05
136.0-137.0	0.5	0.0	121.6	0.03	99.07
137.0-138.0	0.5	0.0	121.6	0.03	99.10
138.0-139.0	0.5	0.0	121.7	0.03	99.13
139.0-140.0	0.5	0.0	121.7	0.03	99.16
140.0-141.0	0.5	0.0	121.7	0.03	99.19
141.0-142.0	0.5	0.0	121.8	0.03	99.22
142.0-143.0	0.5	0.0	121.8	0.03	99.25
143.0-144.0	0.6	0.0	121.8	0.03	99.28

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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	0.6	0.0	121.9	0.03	99.31
145.0-146.0	0.6	0.0	121.9	0.03	99.34
146.0-147.0	0.6	0.0	122.0	0.03	99.37
147.0-148.0	0.6	0.0	122.0	0.03	99.40
148.0-149.0	0.6	0.0	122.0	0.03	99.43
149.0-150.0	0.7	0.0	122.1	0.03	99.46
150.0-151.0	0.7	0.0	122.1	0.03	99.49
151.0-152.0	0.7	0.0	122.1	0.03	99.52
152.0-153.0	0.7	0.0	122.2	0.03	99.55
153.0-154.0	0.7	0.0	122.2	0.03	99.58
154.0-155.0	0.7	0.0	122.3	0.03	99.61
155.0-156.0	0.8	0.0	122.3	0.03	99.63
156.0-157.0	0.8	0.0	122.3	0.03	99.66
157.0-158.0	0.8	0.0	122.3	0.03	99.69
158.0-159.0	0.8	0.0	122.4	0.03	99.71
159.0-160.0	0.8	0.0	122.4	0.03	99.74
160.0-161.0	0.8	0.0	122.4	0.02	99.76
161.0-162.0	0.8	0.0	122.5	0.02	99.79
162.0-163.0	0.8	0.0	122.5	0.02	99.81
163.0-164.0	0.8	0.0	122.5	0.02	99.83
164.0-165.0	0.9	0.0	122.5	0.02	99.85
165.0-166.0	0.9	0.0	122.6	0.02	99.87
166.0-167.0	0.9	0.0	122.6	0.02	99.89
167.0-168.0	0.9	0.0	122.6	0.02	99.90
168.0-169.0	0.8	0.0	122.6	0.02	99.92
169.0-170.0	0.9	0.0	122.6	0.01	99.93
170.0-171.0	0.9	0.0	122.7	0.01	99.94
171.0-172.0	0.9	0.0	122.7	0.01	99.96
172.0-173.0	0.9	0.0	122.7	0.01	99.97
173.0-174.0	0.9	0.0	122.7	0.01	99.98
174.0-175.0	0.9	0.0	122.7	0.01	99.98
175.0-176.0	0.9	0.0	122.7	0.01	99.99
176.0-177.0	0.9	0.0	122.7	0.00	99.99
177.0-178.0	0.9	0.0	122.7	0.00	100.00
178.0-179.0	0.9	0.0	122.7	0.00	100.00
179.0-180.0	0.9	0.0	122.7	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: