

Report No.: 20230921

Test Time: 2023/9/22 15:11

## Luminaire Property

Luminaire Manufacturer: Acolyte

Luminaire Category: Neon

Luminaire Description: LED Nano flex SW 5.48 3000K IP67

Lamp Catalog: Lens BA 60 degree

Luminous Width (mm): 18

Voltage: 24.0 V

Power: 18.26 W

Luminous Length (mm): 1000

Luminous Height (mm): 18

Current: 0.761 A

Power Factor: 1.000

## Photometric Results

CIE Class: Direct

Measurement Flux: 1042.5 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(10%,50%): H105.9,H72.8

Vertical Diffuse Angle(10%,50%): V101.1,V67.7

Luminaire Efficacy Rating (LER): 57

Max. Intensity: 918.65 cd

Total Rated Lamp Lumens: 1042.5 lm

Efficiency: 100%

Upward Ratio: 1%

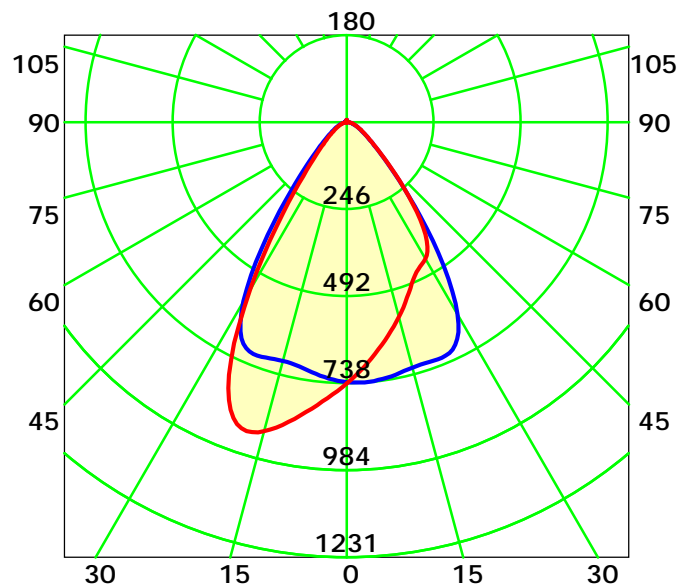
Central Intensity: 735.24 cd

Pos of Max. Intensity: H270 V18

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 70.3° 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

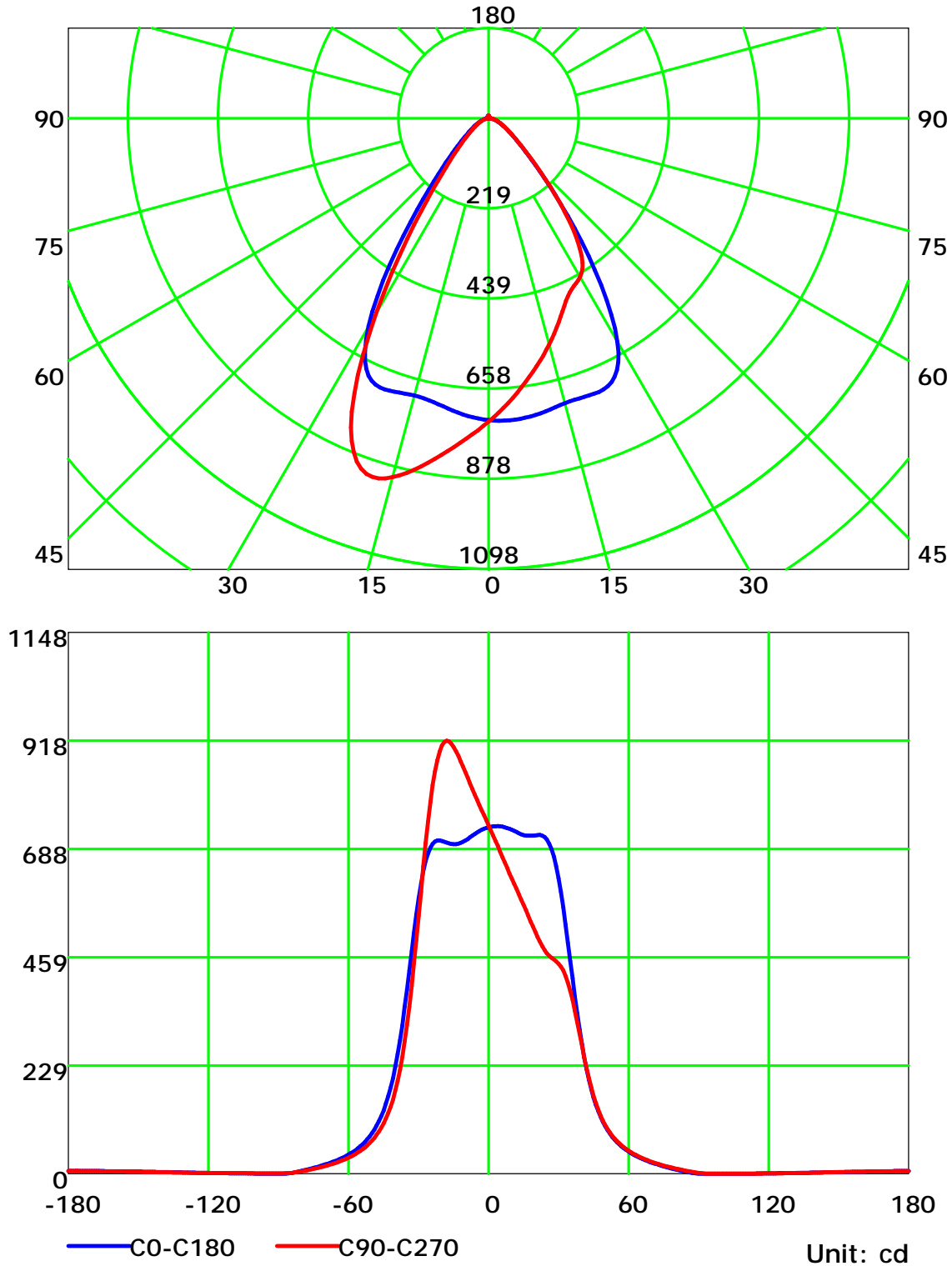
Distance: 9.028 m

Humidity: 60%

Inspector:



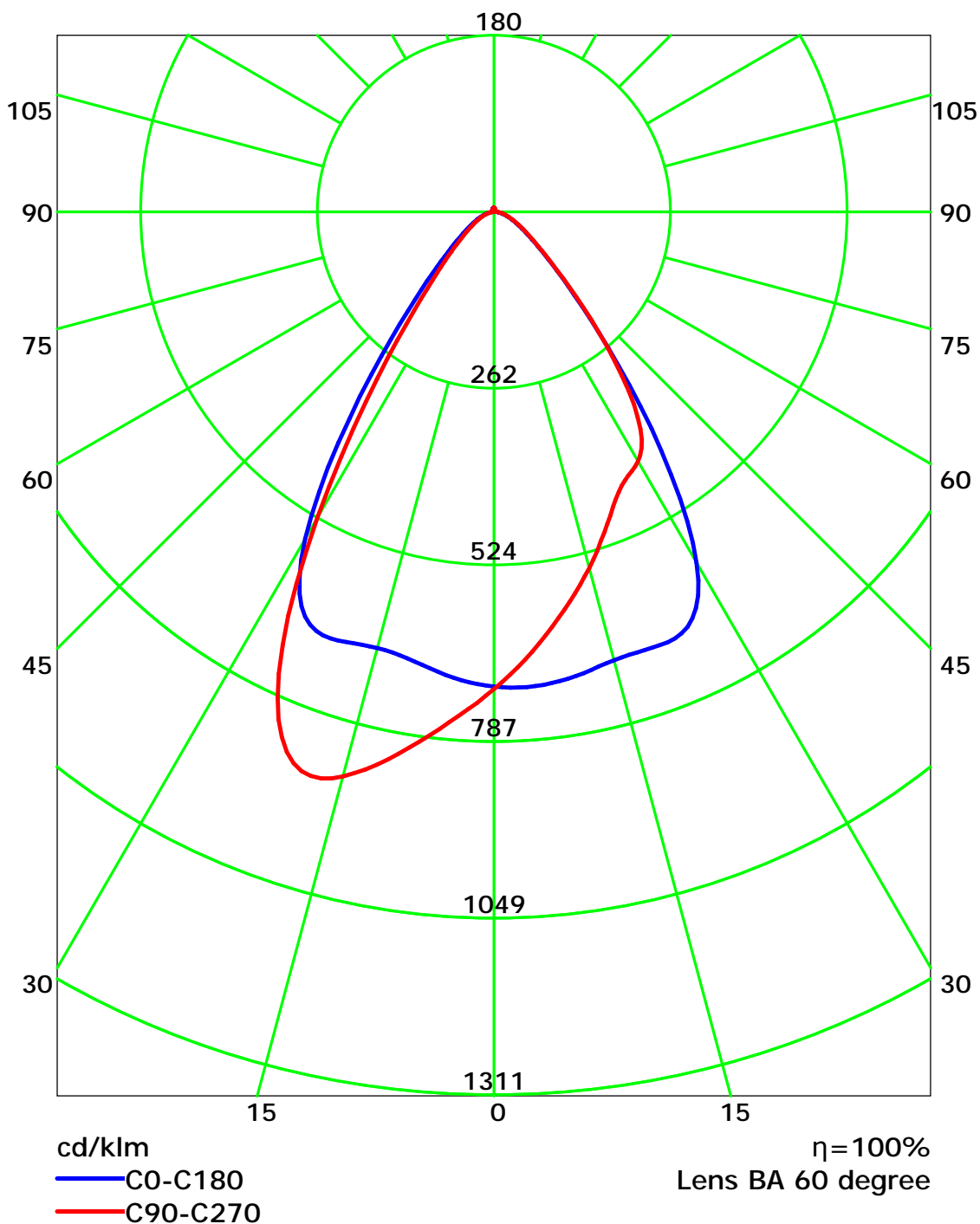
## Luminous Intensity Distribution Curve



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:

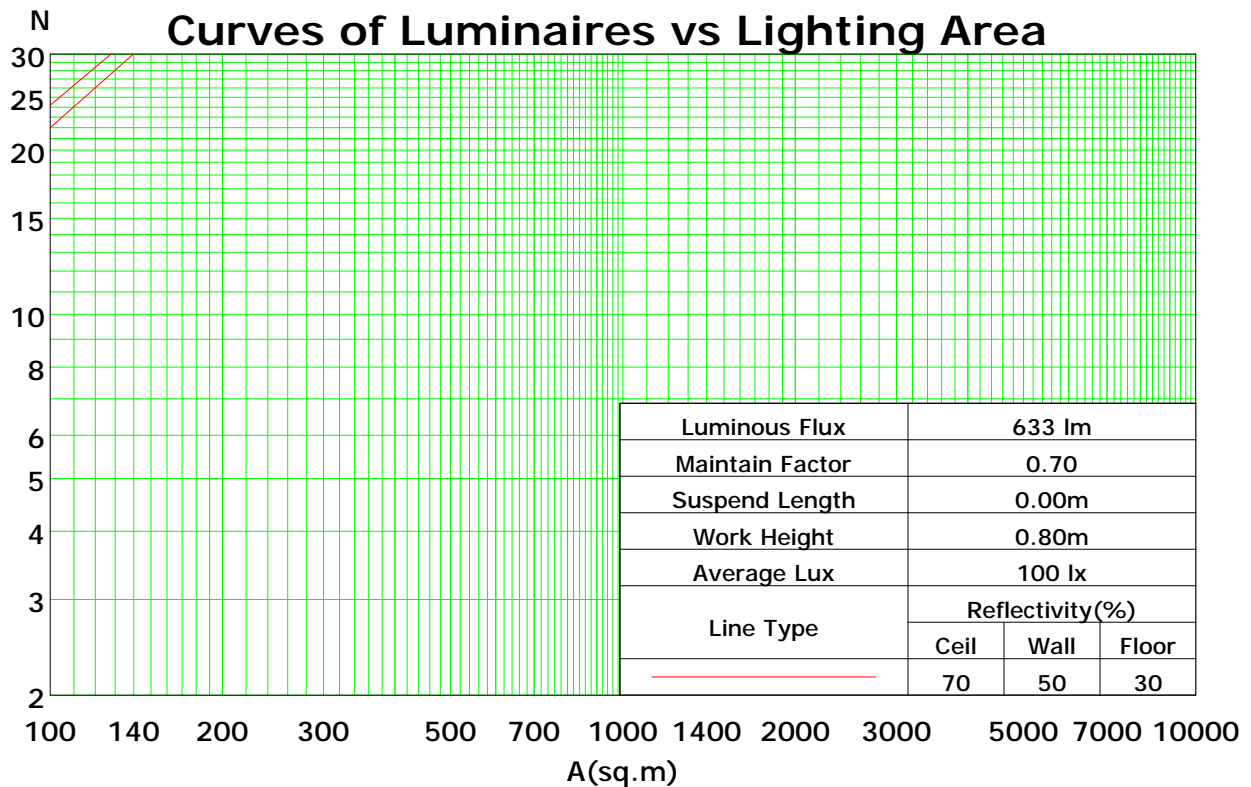
## Coefficients Of Utilization - Zonal Cavity Method

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	101	101	101	99
1	112	108	105	103	109	106	103	101	102	100	98	98	96	94	94	93	91	89
2	105	99	94	90	102	97	93	89	94	90	87	90	87	85	87	85	83	81
3	98	91	85	80	96	89	84	79	86	81	78	83	79	76	81	78	75	73
4	92	83	77	72	90	82	76	71	80	74	70	77	73	69	75	71	68	66
5	87	77	70	65	85	76	69	64	74	68	64	72	67	63	70	66	62	61
6	81	71	64	59	80	70	64	59	68	63	58	67	62	58	65	61	57	55
7	77	66	59	54	75	65	59	54	64	58	53	62	57	53	61	56	53	51
8	72	61	55	50	71	61	54	50	59	54	49	58	53	49	57	52	49	47
9	68	57	51	46	67	57	50	46	56	50	46	55	49	45	54	49	45	44
10	65	54	47	43	64	53	47	43	52	46	42	51	46	42	50	46	42	41

Spacing Criteria (0-180): 1.19

Spacing Criteria (90-270): 1.08

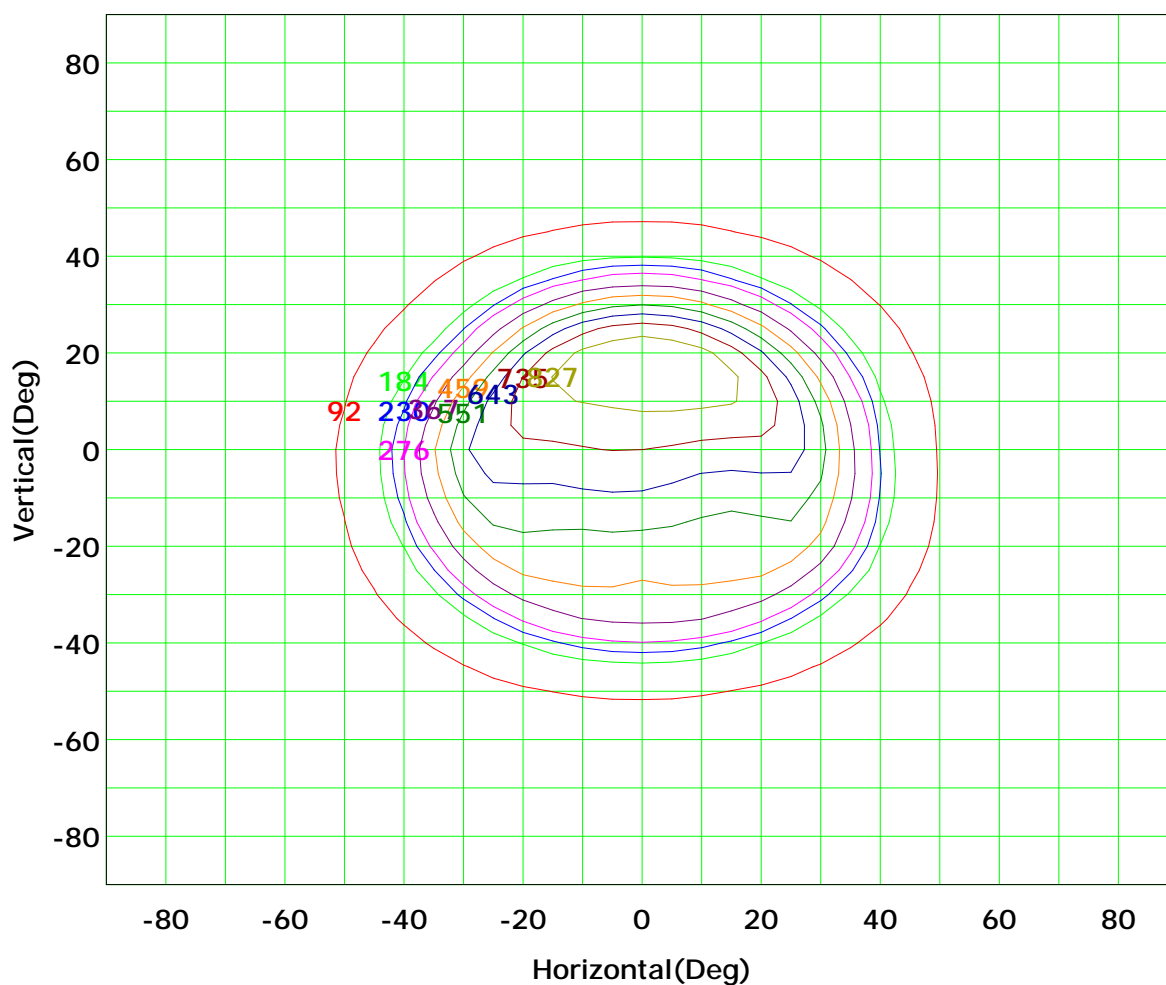
Spacing Criteria (Diagonal): 1.03



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)



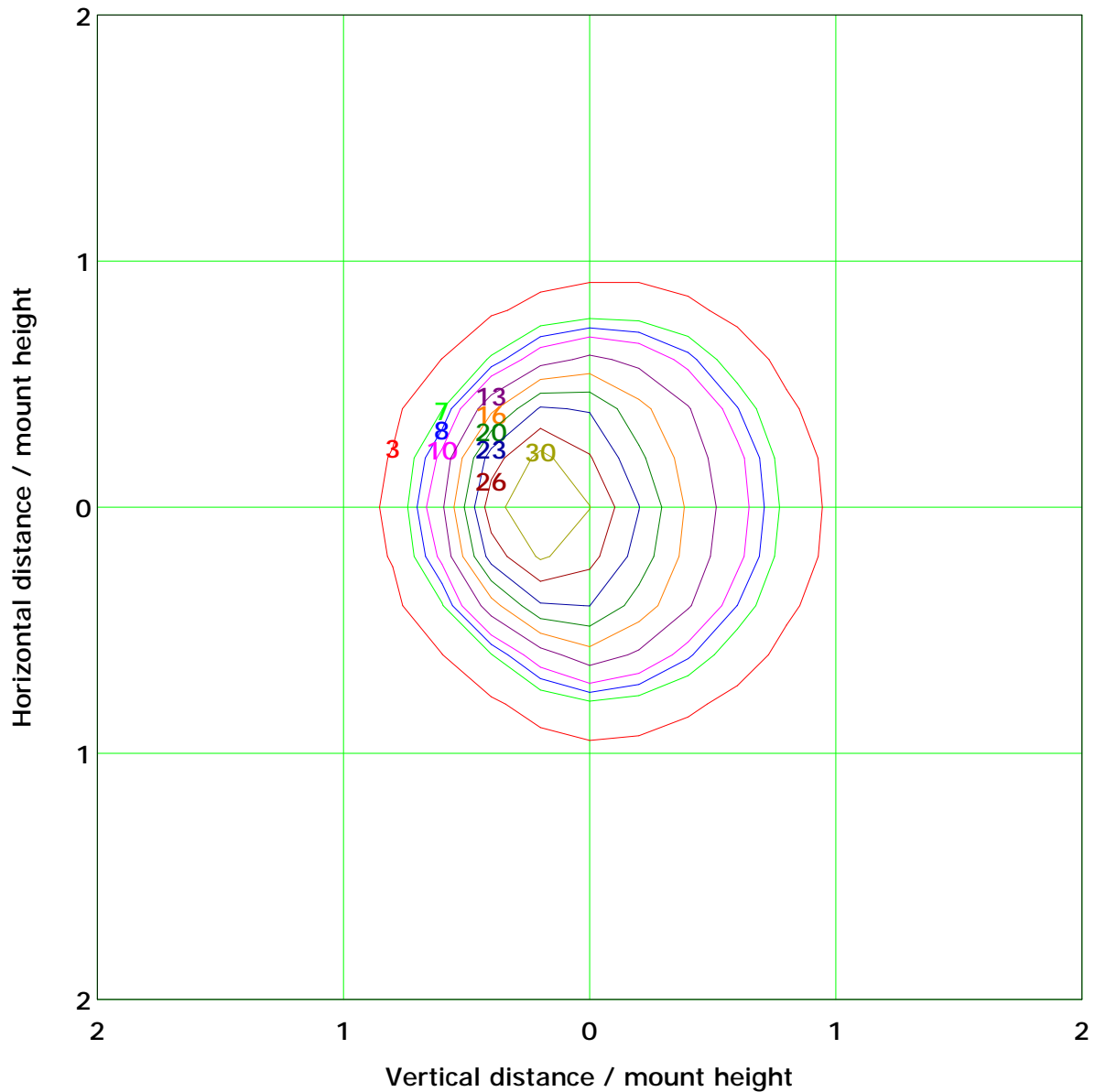
I<sub>max</sub> (100%): 919 cd

( 10%): 92 cd	( 20%): 184 cd
( 25%): 230 cd	( 30%): 276 cd
( 40%): 367 cd	( 50%): 459 cd
( 60%): 551 cd	( 70%): 643 cd
( 80%): 735 cd	( 90%): 827 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%): 32.8 lx	
( 10%): 3.3 lx	( 20%): 6.6 lx
( 25%): 8.2 lx	( 30%): 9.8 lx
( 40%): 13.1 lx	( 50%): 16.4 lx
( 60%): 19.7 lx	( 70%): 23.0 lx
( 80%): 26.2 lx	( 90%): 29.5 lx

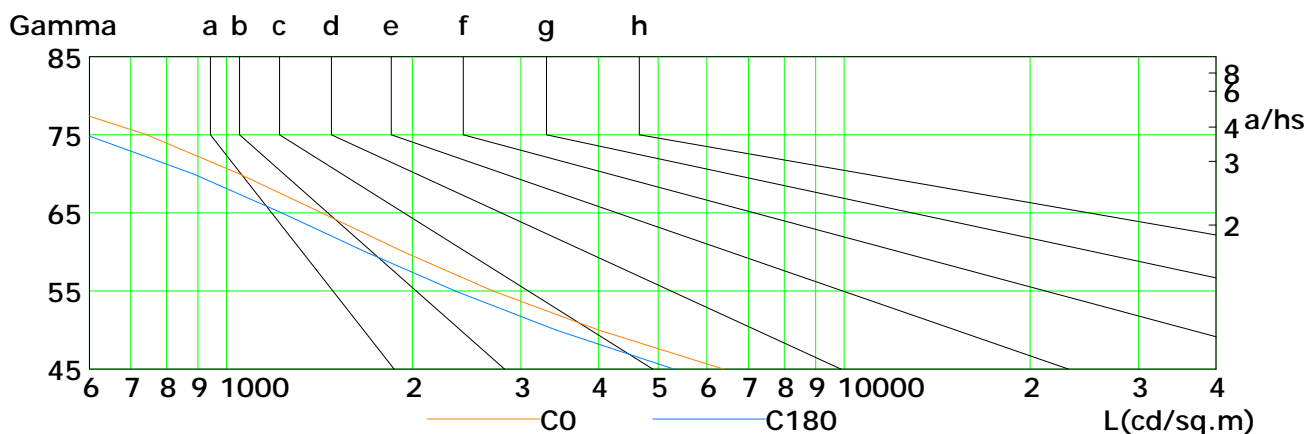
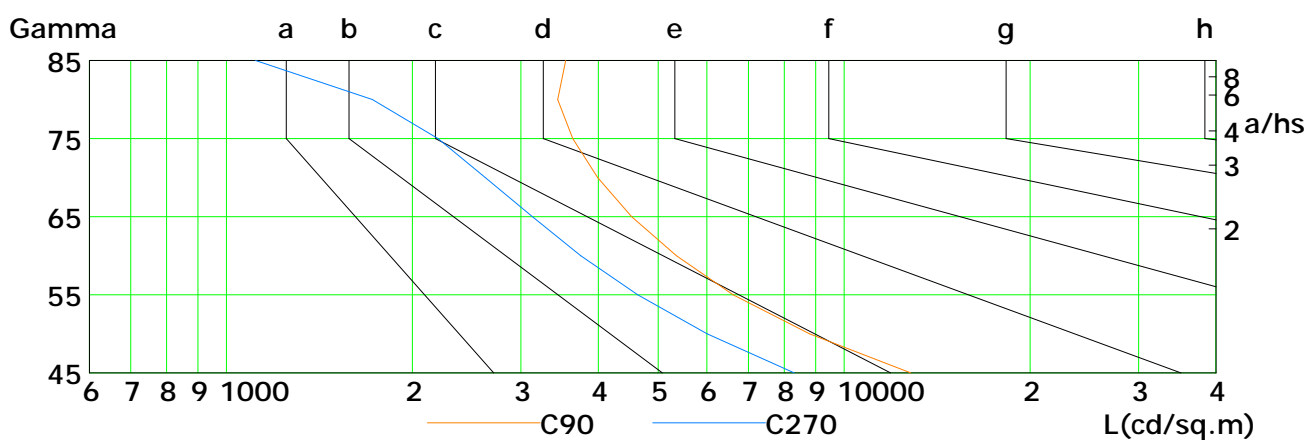
C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Jacky

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

## 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

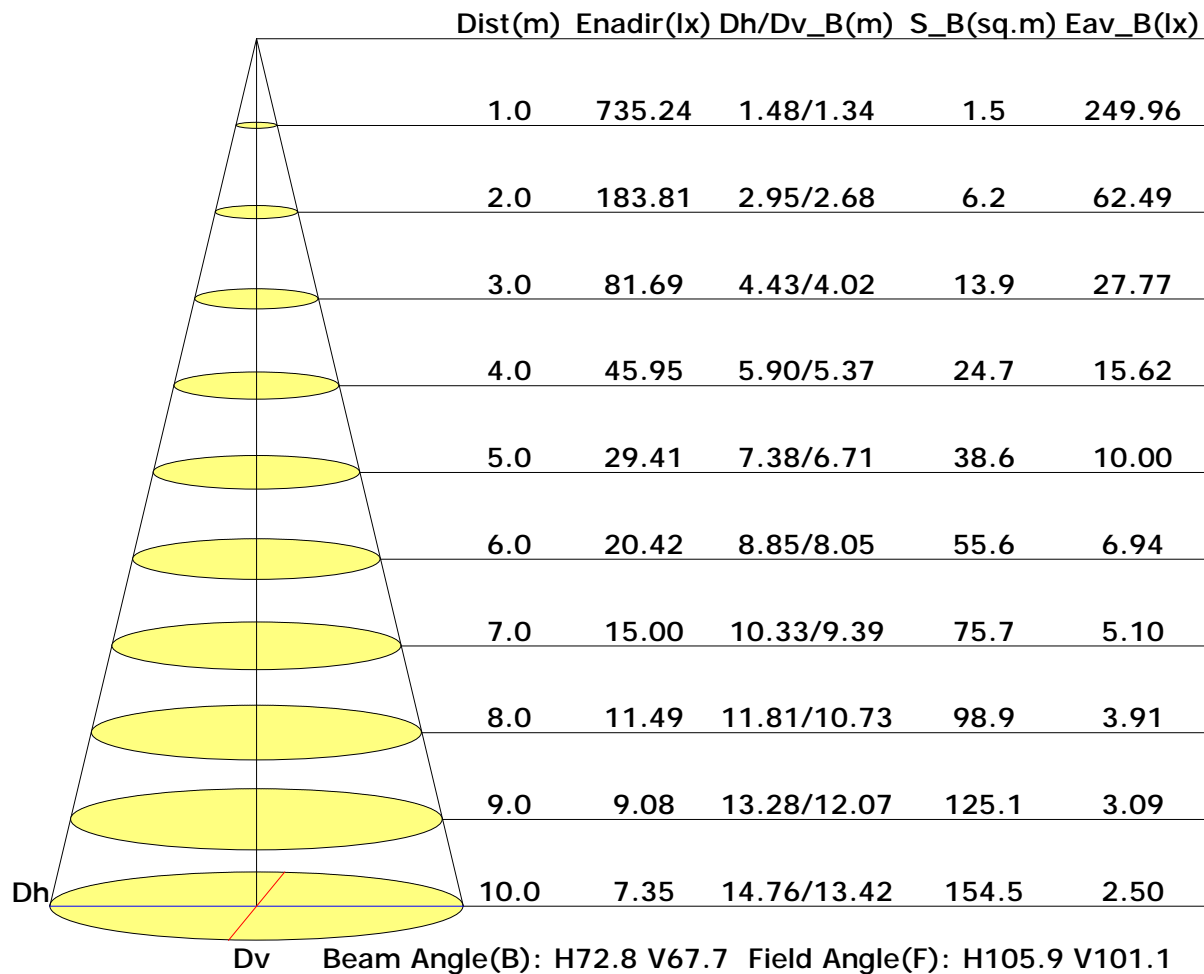


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	6381	4007	2704	1937	1427	1050	743	474	232
C90	12825	8798	6614	5356	4532	3993	3637	3440	3542
C180	5302	3420	2349	1680	1229	884	593	337	91
C270	8307	6006	4633	3749	3129	2627	2200	1724	1115

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

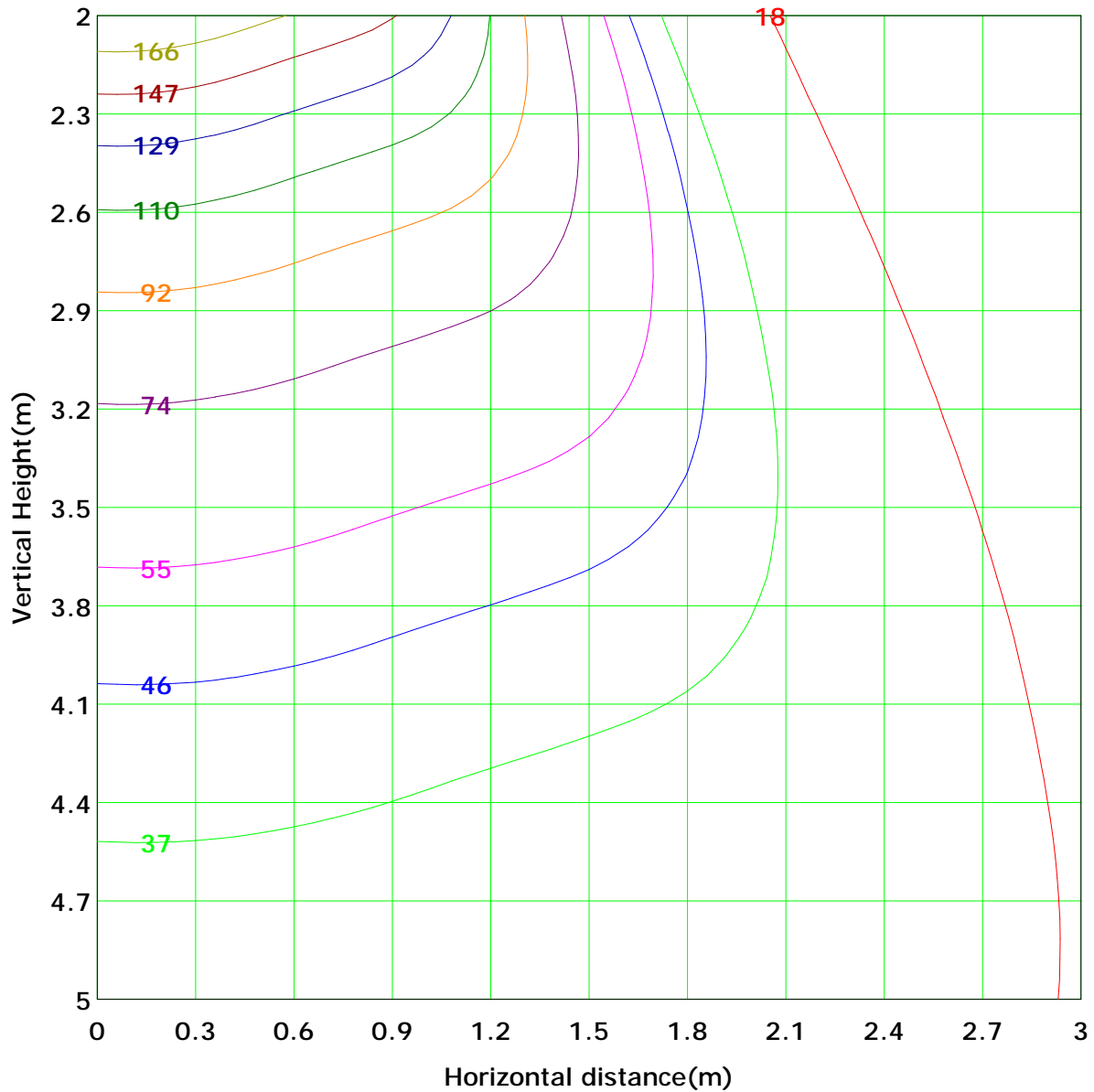


C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Jacky

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: 184.1 lx
( 10%): 18.4 lx	( 20%): 36.8 lx	
( 25%): 46.0 lx	( 30%): 55.2 lx	
( 40%): 73.6 lx	( 50%): 92.0 lx	
( 60%): 110.5 lx	( 70%): 128.9 lx	
( 80%): 147.3 lx	( 90%): 165.7 lx	

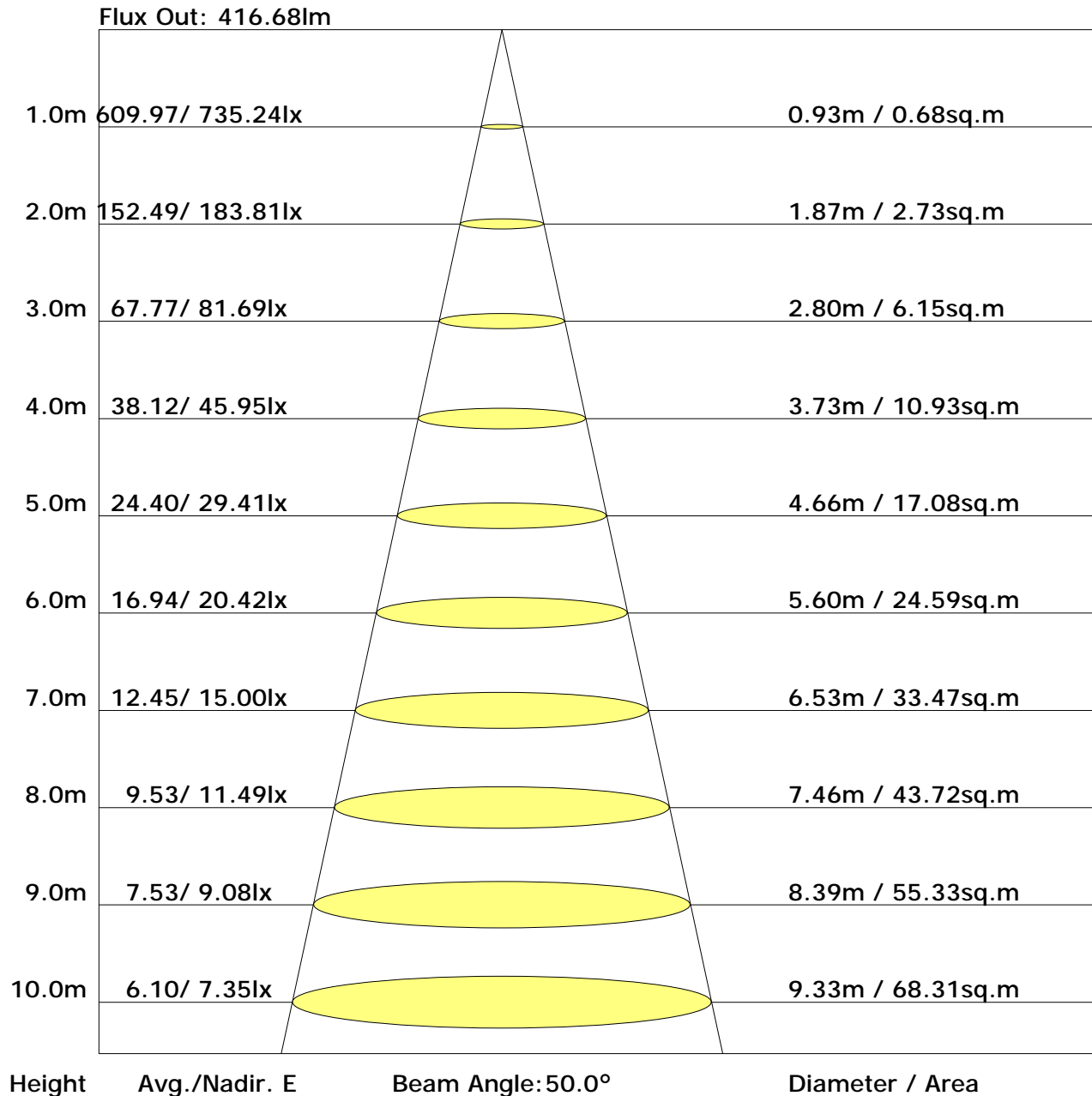
C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Jacky

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

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: Jacky

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	13.0	14.1	13.4	14.5	14.8	11.9	13.1	12.3	13.4	13.8
3H	14.1	15.1	14.5	15.5	15.9	12.7	13.7	13.1	14.1	14.5
4H	14.5	15.5	14.9	15.9	16.3	13.0	13.9	13.4	14.3	14.7
6H	14.8	15.7	15.3	16.1	16.5	13.1	14.0	13.6	14.4	14.8
8H	14.9	15.7	15.4	16.2	16.6	13.1	14.0	13.6	14.4	14.8
12H	15.0	15.7	15.4	16.2	16.6	13.1	13.9	13.6	14.3	14.8
X=4H Y=2H	13.1	14.0	13.5	14.4	14.8	12.2	13.2	12.7	13.6	14.0
3H	14.3	15.1	14.8	15.5	16.0	13.2	14.0	13.7	14.4	14.9
4H	14.8	15.5	15.2	15.9	16.4	13.5	14.2	14.0	14.7	15.2
6H	15.2	15.8	15.7	16.2	16.7	13.8	14.4	14.3	14.8	15.4
8H	15.3	15.8	15.8	16.3	16.8	13.8	14.4	14.3	14.9	15.4
12H	15.4	15.8	15.9	16.4	16.9	13.8	14.3	14.4	14.8	15.4
X=8H Y=4H	14.8	15.3	15.3	15.8	16.3	13.7	14.2	14.2	14.7	15.2
6H	15.2	15.6	15.7	16.2	16.7	14.0	14.4	14.5	14.9	15.5
8H	15.3	15.7	15.9	16.3	16.8	14.1	14.5	14.6	15.0	15.5
12H	15.4	15.8	16.0	16.3	16.9	14.1	14.5	14.7	15.0	15.6
X=12H Y=4H	14.7	15.2	15.2	15.7	16.2	13.6	14.1	14.2	14.6	15.2
6H	15.1	15.5	15.7	16.0	16.6	14.0	14.4	14.5	14.9	15.4
8H	15.3	15.7	15.8	16.2	16.8	14.1	14.4	14.6	15.0	15.6

Calculate in accordance with CIE 190:2010

C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: 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 = 1.00								
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	0.76	0.84	0.89	0.93	0.98	1.01	1.03	1.06	1.08
	0.30		0.70	0.78	0.84	0.88	0.94	0.97	1.00	1.04	1.06
	0.20		0.66	0.74	0.80	0.84	0.90	0.94	0.97	1.01	1.04
0.50	0.50	0.20	0.74	0.82	0.87	0.90	0.95	0.98	1.00	1.02	1.04
	0.30		0.69	0.77	0.82	0.86	0.91	0.95	0.97	1.00	1.02
	0.20		0.66	0.74	0.79	0.83	0.88	0.92	0.95	0.98	1.00
0.30	0.50	0.20	0.73	0.80	0.85	0.88	0.92	0.94	0.96	0.98	1.00
	0.30		0.68	0.76	0.81	0.84	0.89	0.92	0.94	0.97	0.98
	0.20		0.65	0.73	0.78	0.82	0.87	0.90	0.92	0.95	0.97
0.00	0.00	0.00	0.63	0.71	0.75	0.79	0.83	0.86	0.88	0.90	0.92
Rating: 18W 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 = 1.00									
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	0.71	0.57	0.48	0.41	0.32	0.27	0.23	0.18	0.14	
	0.30		0.59	0.48	0.41	0.36	0.29	0.24	0.21	0.16	0.14	
	0.20		0.50	0.42	0.37	0.33	0.27	0.23	0.20	0.16	0.13	
0.50	0.50	0.20	0.67	0.54	0.45	0.39	0.30	0.29	0.21	0.16	0.13	
	0.30		0.57	0.47	0.40	0.35	0.28	0.23	0.20	0.15	0.13	
	0.20		0.49	0.41	0.36	0.31	0.25	0.21	0.19	0.15	0.12	
0.30	0.50	0.20	0.65	0.51	0.42	0.36	0.28	0.23	0.20	0.15	0.12	
	0.30		0.55	0.45	0.38	0.33	0.26	0.22	0.18	0.14	0.12	
	0.20		0.48	0.40	0.34	0.30	0.24	0.20	0.17	0.14	0.11	
0.00	0.00	0.00	0.36	0.28	0.24	0.20	0.16	0.13	0.11	0.08	0.07	
Rating: 18W 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 = 1.00									
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	0.15	0.17	0.18	0.19	0.20	0.21	0.21	0.22	0.22	
	0.30		0.10	0.12	0.14	0.15	0.17	0.18	0.19	0.20	0.21	
	0.20		0.07	0.09	0.10	0.12	0.14	0.15	0.16	0.18	0.19	
0.50	0.50	0.20	0.15	0.16	0.17	0.18	0.19	0.20	0.20	0.21	0.21	
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	
	0.20		0.07	0.09	0.10	0.12	0.14	0.15	0.16	0.18	0.19	
0.30	0.50	0.20	0.14	0.16	0.17	0.17	0.18	0.19	0.19	0.20	0.21	
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.17	0.19	0.19	
	0.20		0.07	0.09	0.10	0.11	0.13	0.15	0.16	0.17	0.18	
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: 18W 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	734.7	0.7	0.7	0.07	0.07
1.0-2.0	734.5	2.1	2.8	0.20	0.27
2.0-3.0	734.1	3.5	6.3	0.34	0.61
3.0-4.0	733.5	4.9	11.2	0.47	1.08
4.0-5.0	732.6	6.3	17.5	0.60	1.68
5.0-6.0	731.7	7.7	25.2	0.74	2.42
6.0-7.0	730.8	9.1	34.3	0.87	3.29
7.0-8.0	729.9	10.4	44.7	1.00	4.29
8.0-9.0	728.9	11.8	56.6	1.13	5.43
9.0-10.0	728.0	13.2	69.7	1.26	6.69
10.0-11.0	727.0	14.5	84.3	1.39	8.08
11.0-12.0	726.1	15.9	100.1	1.52	9.61
12.0-13.0	725.3	17.2	117.4	1.65	11.26
13.0-14.0	724.4	18.5	135.9	1.78	13.04
14.0-15.0	723.2	19.9	155.8	1.90	14.94
15.0-16.0	721.7	21.2	176.9	2.03	16.97
16.0-17.0	719.8	22.4	199.3	2.15	19.12
17.0-18.0	717.1	23.6	223.0	2.27	21.39
18.0-19.0	713.4	24.8	247.8	2.38	23.77
19.0-20.0	708.6	25.9	273.7	2.49	26.26
20.0-21.0	702.3	27.0	300.7	2.59	28.84
21.0-22.0	694.3	27.9	328.6	2.68	31.52
22.0-23.0	684.4	28.7	357.3	2.75	34.27
23.0-24.0	672.6	29.4	386.7	2.82	37.10
24.0-25.0	658.4	29.9	416.7	2.87	39.97
25.0-26.0	641.8	30.3	447.0	2.91	42.87
26.0-27.0	622.6	30.5	477.4	2.92	45.80
27.0-28.0	600.9	30.4	507.9	2.92	48.71
28.0-29.0	576.6	30.2	538.0	2.89	51.61
29.0-30.0	550.2	29.7	567.7	2.85	54.46
30.0-31.0	521.7	29.0	596.8	2.79	57.24
31.0-32.0	491.4	28.2	624.9	2.70	59.94
32.0-33.0	460.2	27.1	652.1	2.60	62.55
33.0-34.0	428.0	25.9	678.0	2.49	65.03
34.0-35.0	395.6	24.6	702.5	2.36	67.39
35.0-36.0	364.0	23.2	725.7	2.22	69.61

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	333.0	21.7	747.4	2.08	71.69
37.0-38.0	303.2	20.2	767.7	1.94	73.64
38.0-39.0	275.1	18.8	786.5	1.80	75.44
39.0-40.0	249.0	17.4	803.8	1.67	77.10
40.0-41.0	224.8	16.0	819.8	1.54	78.64
41.0-42.0	203.0	14.8	834.6	1.41	80.05
42.0-43.0	183.4	13.6	848.2	1.30	81.36
43.0-44.0	165.7	12.5	860.7	1.20	82.56
44.0-45.0	150.1	11.5	872.2	1.11	83.66
45.0-46.0	136.3	10.7	882.9	1.02	84.68
46.0-47.0	124.0	9.9	892.7	0.95	85.63
47.0-48.0	113.2	9.2	901.9	0.88	86.51
48.0-49.0	103.6	8.5	910.4	0.82	87.33
49.0-50.0	95.1	7.9	918.3	0.76	88.09
50.0-51.0	87.5	7.4	925.7	0.71	88.80
51.0-52.0	80.8	6.9	932.7	0.66	89.46
52.0-53.0	74.7	6.5	939.2	0.62	90.08
53.0-54.0	69.2	6.1	945.3	0.59	90.67
54.0-55.0	64.3	5.7	951.0	0.55	91.22
55.0-56.0	59.8	5.4	956.4	0.52	91.74
56.0-57.0	55.6	5.1	961.5	0.49	92.23
57.0-58.0	51.9	4.8	966.3	0.46	92.69
58.0-59.0	48.5	4.5	970.8	0.43	93.12
59.0-60.0	45.3	4.3	975.1	0.41	93.53
60.0-61.0	42.3	4.0	979.1	0.39	93.92
61.0-62.0	39.6	3.8	983.0	0.37	94.28
62.0-63.0	37.0	3.6	986.6	0.35	94.63
63.0-64.0	34.6	3.4	989.9	0.33	94.96
64.0-65.0	32.4	3.2	993.2	0.31	95.26
65.0-66.0	30.3	3.0	996.2	0.29	95.55
66.0-67.0	28.3	2.8	999.0	0.27	95.83
67.0-68.0	26.4	2.7	1001.7	0.26	96.08
68.0-69.0	24.6	2.5	1004.2	0.24	96.32
69.0-70.0	22.8	2.3	1006.5	0.23	96.55
70.0-71.0	21.2	2.2	1008.7	0.21	96.76
71.0-72.0	19.7	2.0	1010.8	0.20	96.95

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	18.2	1.9	1012.7	0.18	97.14
73.0-74.0	16.7	1.8	1014.4	0.17	97.30
74.0-75.0	15.4	1.6	1016.1	0.16	97.46
75.0-76.0	14.1	1.5	1017.6	0.14	97.60
76.0-77.0	12.8	1.4	1018.9	0.13	97.73
77.0-78.0	11.6	1.2	1020.2	0.12	97.85
78.0-79.0	10.4	1.1	1021.3	0.11	97.96
79.0-80.0	9.3	1.0	1022.3	0.10	98.06
80.0-81.0	8.2	0.9	1023.2	0.09	98.14
81.0-82.0	7.2	0.8	1024.0	0.07	98.22
82.0-83.0	6.2	0.7	1024.6	0.06	98.28
83.0-84.0	5.3	0.6	1025.2	0.06	98.34
84.0-85.0	4.4	0.5	1025.7	0.05	98.38
85.0-86.0	3.6	0.4	1026.1	0.04	98.42
86.0-87.0	3.0	0.3	1026.4	0.03	98.45
87.0-88.0	2.5	0.3	1026.7	0.03	98.48
88.0-89.0	2.1	0.2	1026.9	0.02	98.50
89.0-90.0	1.8	0.2	1027.1	0.02	98.52
90.0-91.0	1.5	0.2	1027.3	0.02	98.54
91.0-92.0	1.3	0.1	1027.4	0.01	98.55
92.0-93.0	1.1	0.1	1027.6	0.01	98.56
93.0-94.0	1.1	0.1	1027.7	0.01	98.57
94.0-95.0	1.1	0.1	1027.8	0.01	98.59
95.0-96.0	1.1	0.1	1027.9	0.01	98.60
96.0-97.0	1.1	0.1	1028.0	0.01	98.61
97.0-98.0	1.1	0.1	1028.1	0.01	98.62
98.0-99.0	1.1	0.1	1028.3	0.01	98.63
99.0-100.0	1.1	0.1	1028.4	0.01	98.64
100.0-101.0	1.1	0.1	1028.5	0.01	98.65
101.0-102.0	1.1	0.1	1028.6	0.01	98.67
102.0-103.0	1.2	0.1	1028.8	0.01	98.68
103.0-104.0	1.2	0.1	1028.9	0.01	98.69
104.0-105.0	1.2	0.1	1029.0	0.01	98.70
105.0-106.0	1.2	0.1	1029.1	0.01	98.71
106.0-107.0	1.3	0.1	1029.3	0.01	98.73
107.0-108.0	1.3	0.1	1029.4	0.01	98.74

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	1.3	0.1	1029.5	0.01	98.75
109.0-110.0	1.3	0.1	1029.7	0.01	98.77
110.0-111.0	1.4	0.1	1029.8	0.01	98.78
111.0-112.0	1.4	0.1	1030.0	0.01	98.79
112.0-113.0	1.5	0.1	1030.1	0.01	98.81
113.0-114.0	1.5	0.2	1030.3	0.01	98.82
114.0-115.0	1.5	0.2	1030.4	0.01	98.84
115.0-116.0	1.6	0.2	1030.6	0.02	98.85
116.0-117.0	1.6	0.2	1030.7	0.02	98.87
117.0-118.0	1.7	0.2	1030.9	0.02	98.88
118.0-119.0	1.8	0.2	1031.1	0.02	98.90
119.0-120.0	1.8	0.2	1031.2	0.02	98.92
120.0-121.0	1.9	0.2	1031.4	0.02	98.93
121.0-122.0	1.9	0.2	1031.6	0.02	98.95
122.0-123.0	2.0	0.2	1031.8	0.02	98.97
123.0-124.0	2.1	0.2	1032.0	0.02	98.99
124.0-125.0	2.1	0.2	1032.2	0.02	99.00
125.0-126.0	2.2	0.2	1032.4	0.02	99.02
126.0-127.0	2.3	0.2	1032.6	0.02	99.04
127.0-128.0	2.4	0.2	1032.8	0.02	99.06
128.0-129.0	2.5	0.2	1033.0	0.02	99.08
129.0-130.0	2.5	0.2	1033.2	0.02	99.10
130.0-131.0	2.6	0.2	1033.4	0.02	99.12
131.0-132.0	2.7	0.2	1033.6	0.02	99.15
132.0-133.0	2.8	0.2	1033.9	0.02	99.17
133.0-134.0	2.9	0.2	1034.1	0.02	99.19
134.0-135.0	3.0	0.2	1034.3	0.02	99.21
135.0-136.0	3.1	0.2	1034.6	0.02	99.24
136.0-137.0	3.2	0.2	1034.8	0.02	99.26
137.0-138.0	3.3	0.2	1035.1	0.02	99.28
138.0-139.0	3.4	0.2	1035.3	0.02	99.31
139.0-140.0	3.5	0.2	1035.5	0.02	99.33
140.0-141.0	3.6	0.2	1035.8	0.02	99.35
141.0-142.0	3.7	0.3	1036.0	0.02	99.38
142.0-143.0	3.8	0.3	1036.3	0.02	99.40
143.0-144.0	3.9	0.3	1036.6	0.02	99.43

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	4.0	0.3	1036.8	0.02	99.45
145.0-146.0	4.1	0.3	1037.1	0.02	99.47
146.0-147.0	4.2	0.3	1037.3	0.02	99.50
147.0-148.0	4.3	0.3	1037.6	0.02	99.52
148.0-149.0	4.4	0.2	1037.8	0.02	99.55
149.0-150.0	4.4	0.2	1038.1	0.02	99.57
150.0-151.0	4.5	0.2	1038.3	0.02	99.59
151.0-152.0	4.6	0.2	1038.5	0.02	99.62
152.0-153.0	4.7	0.2	1038.8	0.02	99.64
153.0-154.0	4.8	0.2	1039.0	0.02	99.66
154.0-155.0	4.9	0.2	1039.3	0.02	99.68
155.0-156.0	5.0	0.2	1039.5	0.02	99.71
156.0-157.0	5.0	0.2	1039.7	0.02	99.73
157.0-158.0	5.1	0.2	1039.9	0.02	99.75
158.0-159.0	5.2	0.2	1040.1	0.02	99.77
159.0-160.0	5.3	0.2	1040.3	0.02	99.79
160.0-161.0	5.4	0.2	1040.5	0.02	99.81
161.0-162.0	5.4	0.2	1040.7	0.02	99.82
162.0-163.0	5.5	0.2	1040.9	0.02	99.84
163.0-164.0	5.6	0.2	1041.1	0.02	99.86
164.0-165.0	5.7	0.2	1041.2	0.02	99.87
165.0-166.0	5.7	0.2	1041.4	0.02	99.89
166.0-167.0	5.8	0.1	1041.5	0.01	99.90
167.0-168.0	5.9	0.1	1041.7	0.01	99.92
168.0-169.0	6.0	0.1	1041.8	0.01	99.93
169.0-170.0	6.1	0.1	1041.9	0.01	99.94
170.0-171.0	6.2	0.1	1042.0	0.01	99.95
171.0-172.0	6.3	0.1	1042.1	0.01	99.96
172.0-173.0	6.3	0.1	1042.2	0.01	99.97
173.0-174.0	6.4	0.1	1042.3	0.01	99.98
174.0-175.0	6.4	0.1	1042.4	0.01	99.99
175.0-176.0	6.5	0.1	1042.4	0.01	99.99
176.0-177.0	6.5	0.0	1042.5	0.00	99.99
177.0-178.0	6.6	0.0	1042.5	0.00	100.00
178.0-179.0	6.6	0.0	1042.5	0.00	100.00
179.0-180.0	6.6	0.0	1042.5	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: