

Report No.: 20221130

Test Time: 2022/12/1 13:07

## Luminaire Property

Luminaire Manufacturer: Acolyte

Luminaire Category: Neon Contour Plus

Luminaire Description: Neon Contour Plus 6000k

Lamp Catalog: NLCP4.560

Luminous Length (mm): 1000

Luminous Height (mm): 25

Current: 0.636 A

Power Factor: 1.000

Number of Lamps: 1

Luminous Width (mm): 10

Voltage: 24.0 V

Power: 15.26 W

## Photometric Results

CIE Class: Semi-Direct

Measurement Flux: 566.8 lm

Downward Ratio: 71%

Horizontal Diffuse Angle(10%,50%): H165.8,H112.3

Vertical Diffuse Angle(10%,50%): V324.8,V243

Luminaire Efficacy Rating (LER): 37

Max. Intensity: 94.09 cd

Total Rated Lamp Lumens: 566.8 lm

Efficiency: 100%

Upward Ratio: 29%

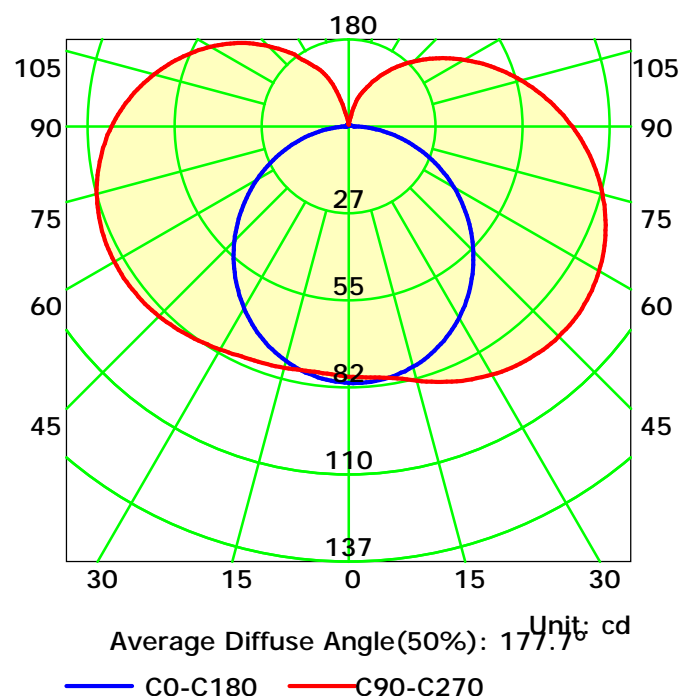
Central Intensity: 81.2 cd

Pos of Max. Intensity: H90 V47

Picture Of Luminaire



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

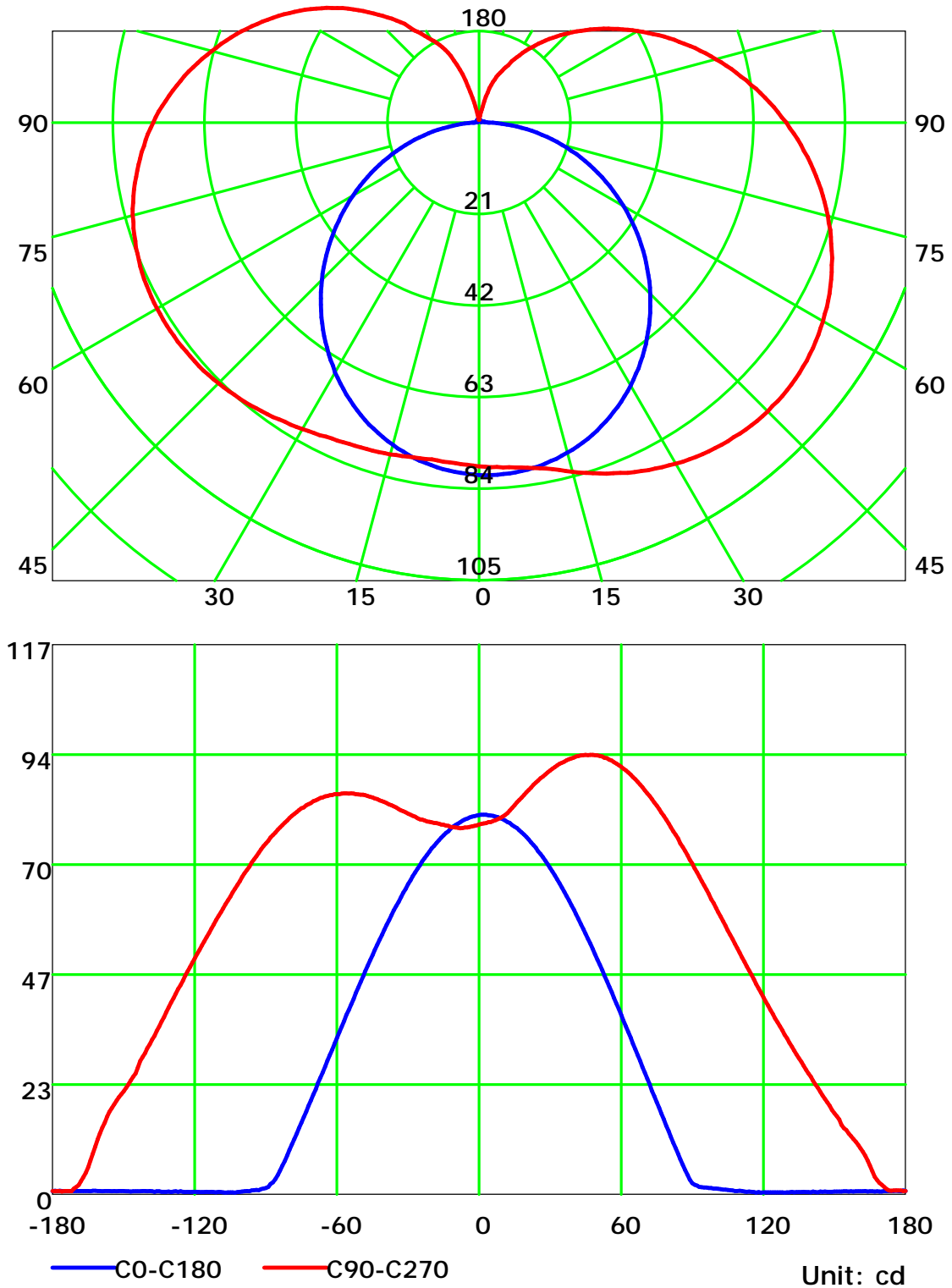
Distance: 9.028 m

Humidity: 60%

Inspector:



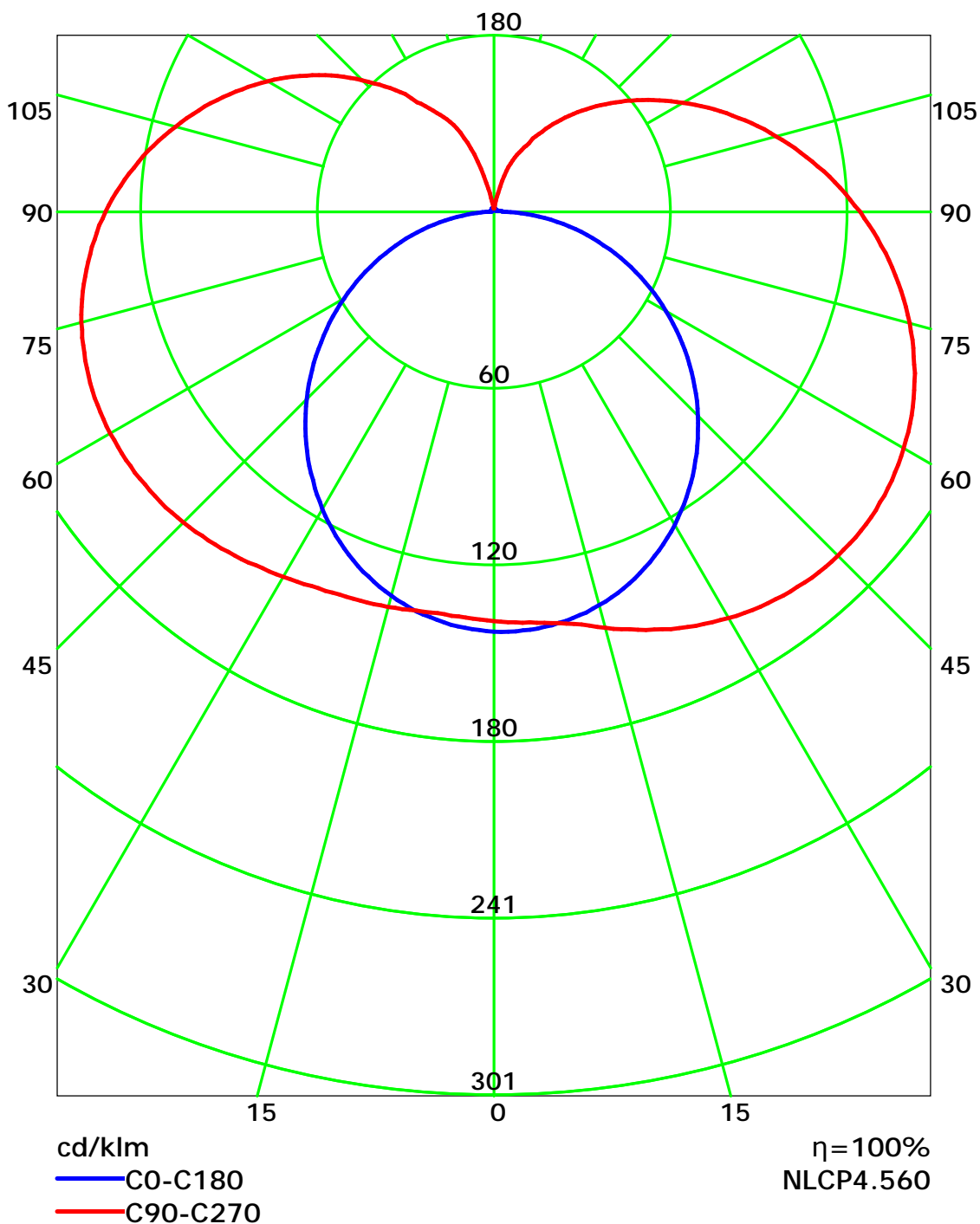
## Luminous Intensity Distribution Curve



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:

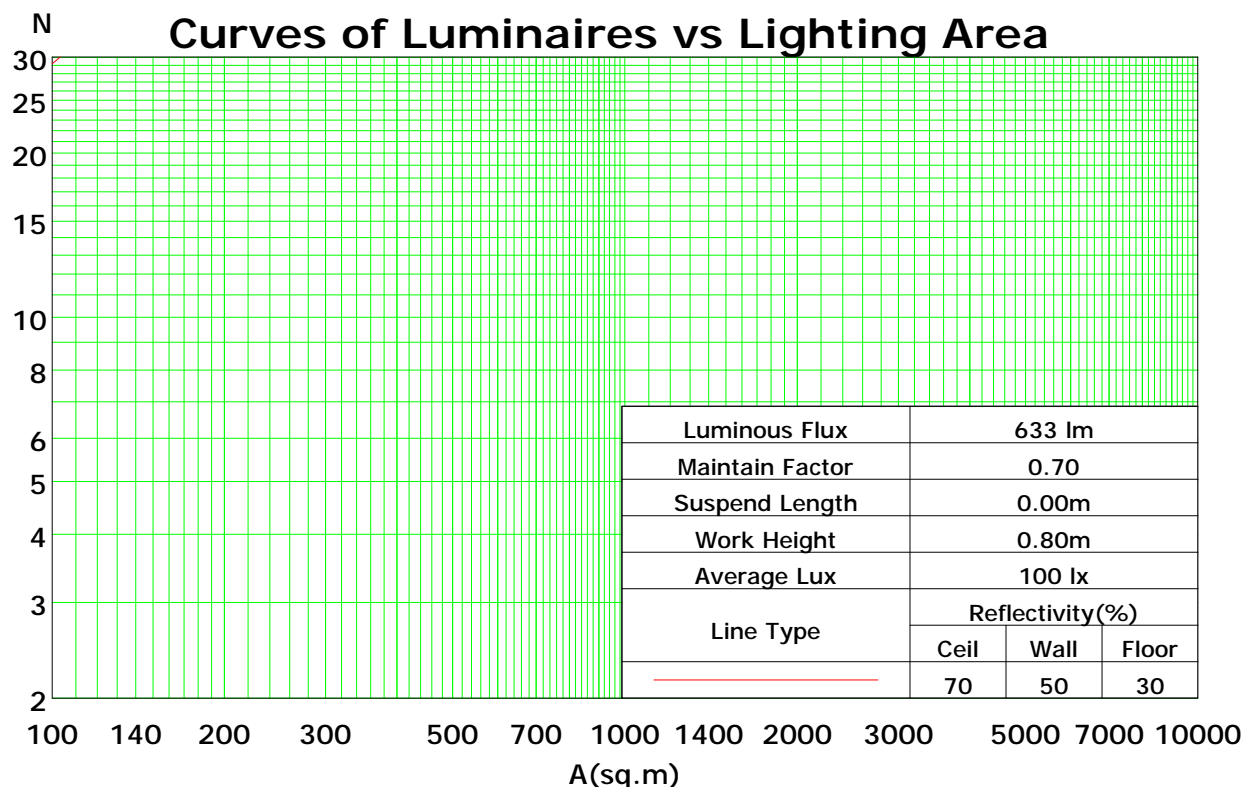
## Coefficients Of Utilization - Zonal Cavity Method

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	112	112	112	112	106	106	106	106	95	95	95	85	85	85	76	76	76	71
1	98	92	86	81	92	86	81	77	77	73	69	68	65	62	60	57	55	51
2	88	78	69	63	82	73	66	60	65	59	54	57	52	48	50	46	43	39
3	79	67	58	50	74	63	55	48	56	49	43	49	44	39	43	39	35	31
4	72	58	49	41	67	55	46	39	49	42	36	43	37	32	38	33	29	25
5	65	52	42	35	61	49	40	33	43	36	30	38	32	27	33	28	24	21
6	60	46	36	30	56	43	35	28	39	31	26	34	28	23	30	25	21	18
7	55	41	32	26	52	39	31	25	35	28	22	31	25	20	27	22	18	16
8	51	37	29	22	48	35	27	22	32	25	20	28	22	18	25	20	16	14
9	48	34	26	20	45	32	24	19	29	22	17	26	20	16	23	18	14	12
10	45	31	23	18	42	30	22	17	27	20	16	24	18	14	21	16	13	11

Spacing Criteria (0-180): 1.25

Spacing Criteria (90-270): 1.69

Spacing Criteria (Diagonal): 1.63



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

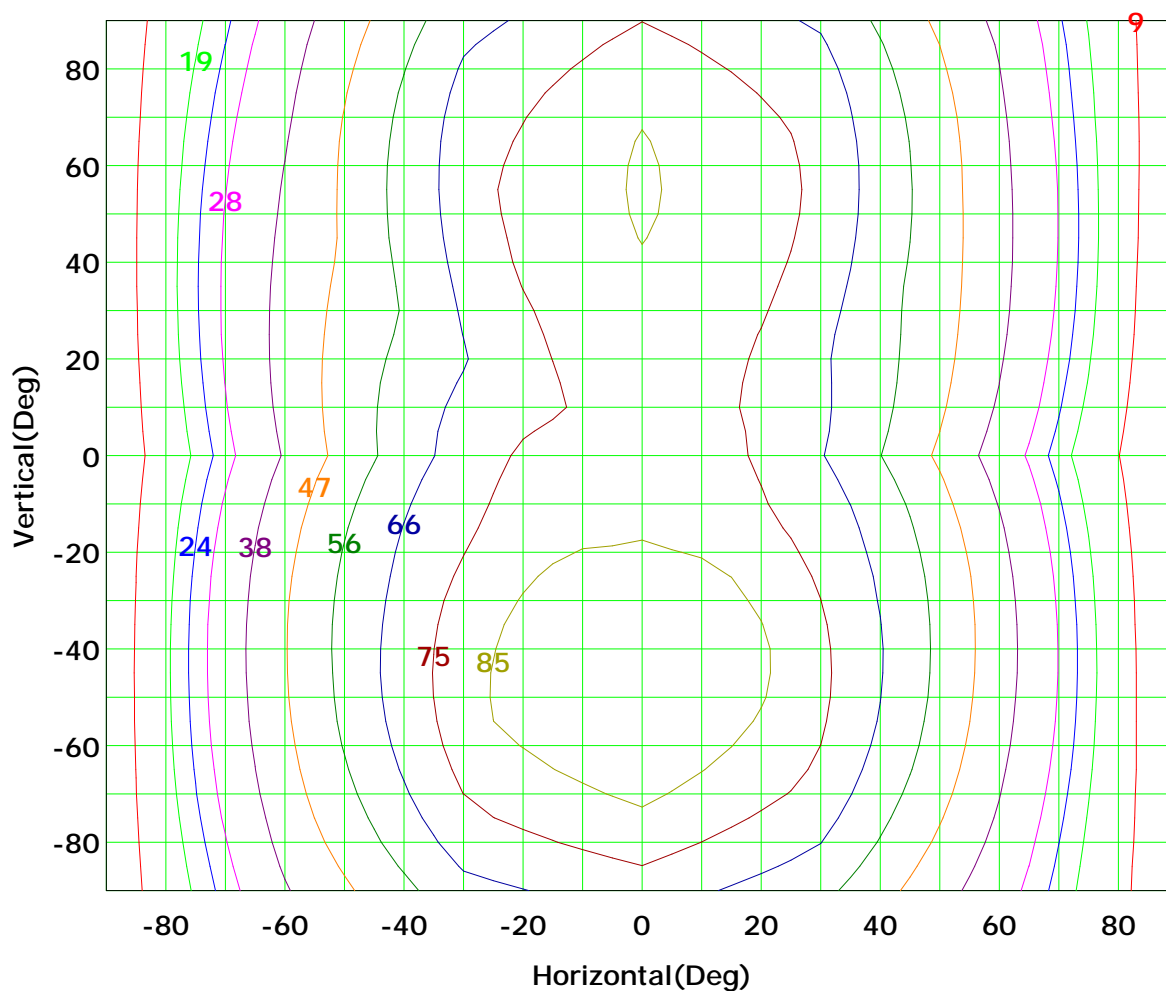
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

## Isocandela (rectangle)



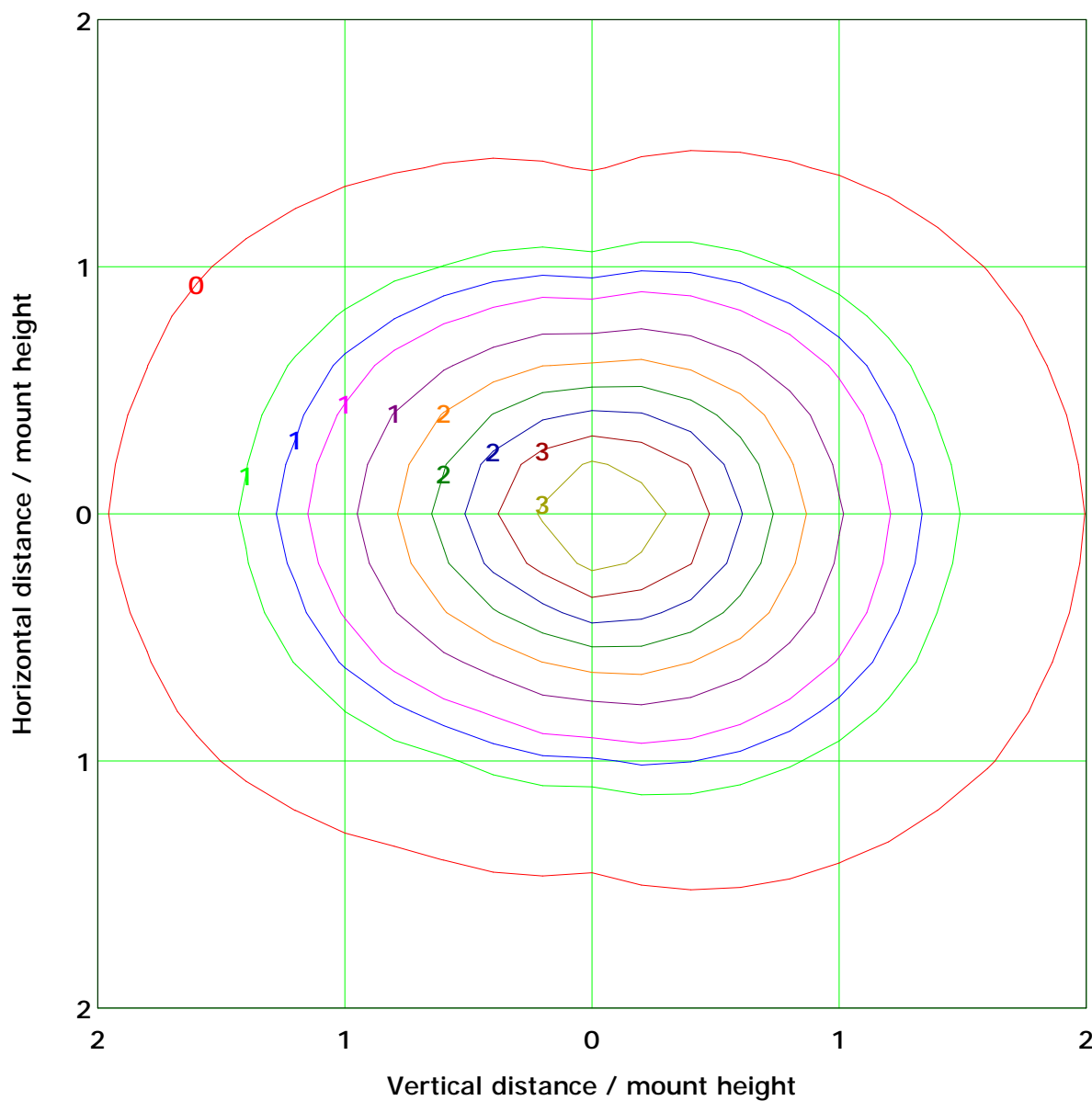
I<sub>max</sub> (100%): 94 cd

( 10%):	9 cd	( 20%):	19 cd
( 25%):	24 cd	( 30%):	28 cd
( 40%):	38 cd	( 50%):	47 cd
( 60%):	56 cd	( 70%):	66 cd
( 80%):	75 cd	( 90%):	85 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%): 3.2 lx

( 10%): 0.3 lx	( 20%): 0.6 lx
( 25%): 0.8 lx	( 30%): 1.0 lx
( 40%): 1.3 lx	( 50%): 1.6 lx
( 60%): 1.9 lx	( 70%): 2.3 lx
( 80%): 2.6 lx	( 90%): 2.9 lx

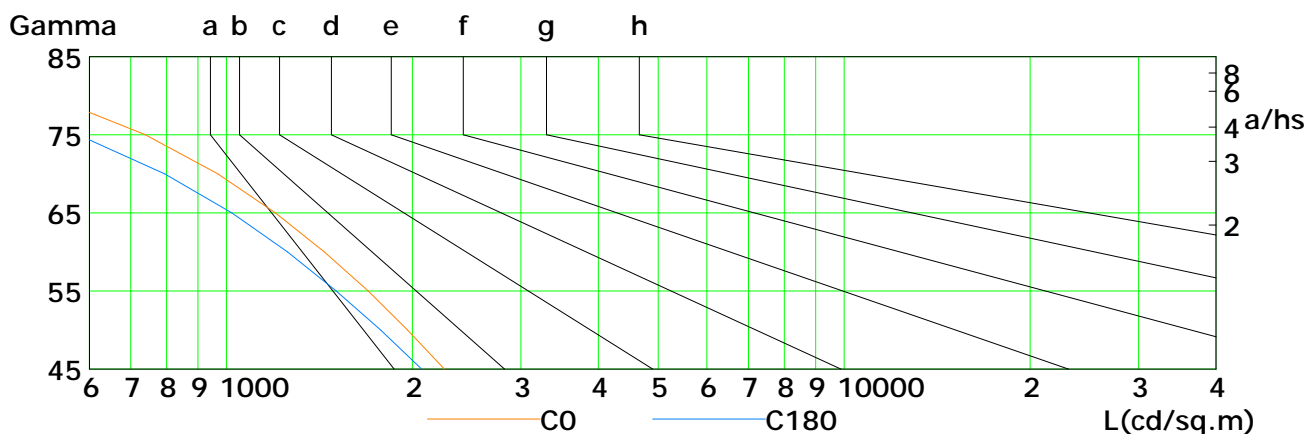
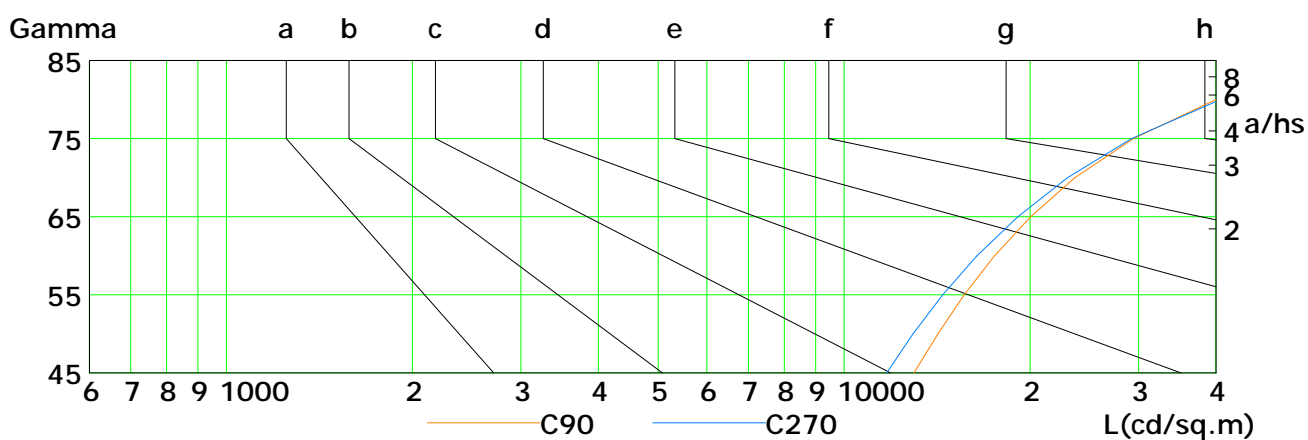
C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Jacky

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

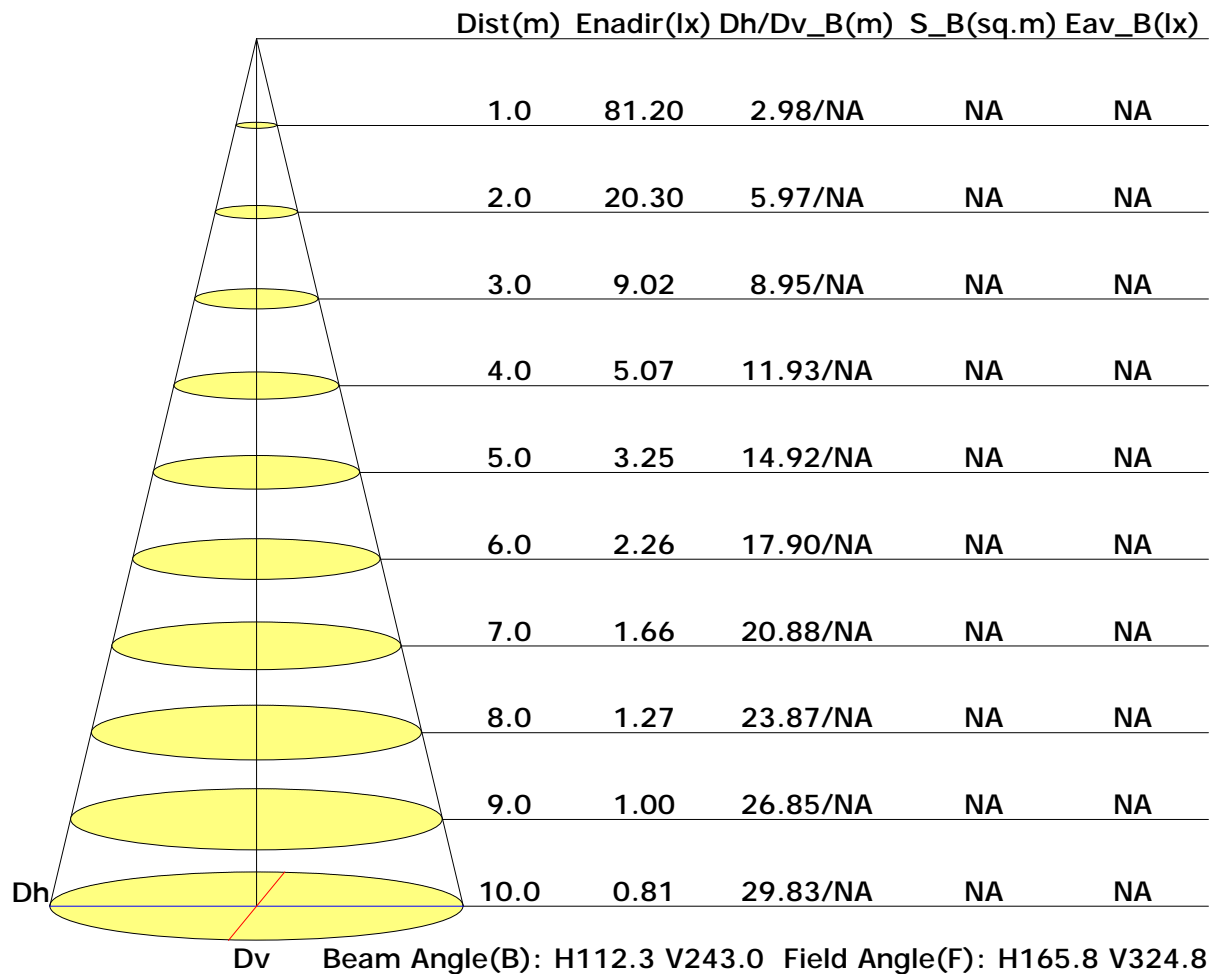


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	2255	1966	1697	1442	1201	969	740	515	293
C90	12978	14193	15657	17539	20062	23652	29410	40047	67053
C180	2071	1778	1507	1256	1021	795	576	364	162
C270	11719	12924	14441	16425	19132	23017	29198	40622	69677

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



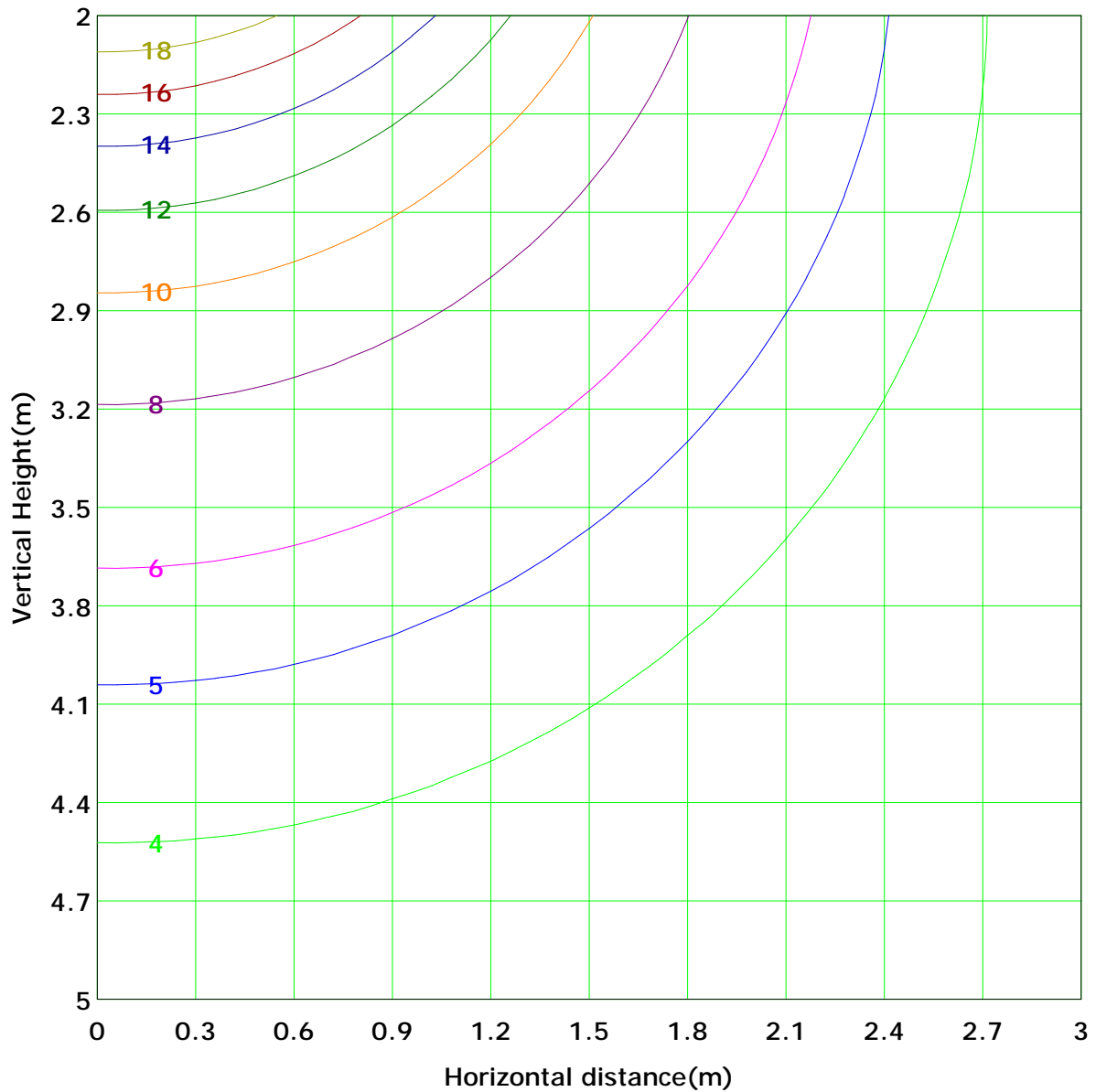
C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Jacky

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: 20.3 lx
( 10%): 2.0 lx	( 20%): 4.1 lx	( 30%): 6.1 lx
( 25%): 5.1 lx	( 40%): 8.1 lx	( 50%): 10.1 lx
( 60%): 12.2 lx	( 70%): 14.2 lx	( 90%): 18.3 lx
( 80%): 16.2 lx		

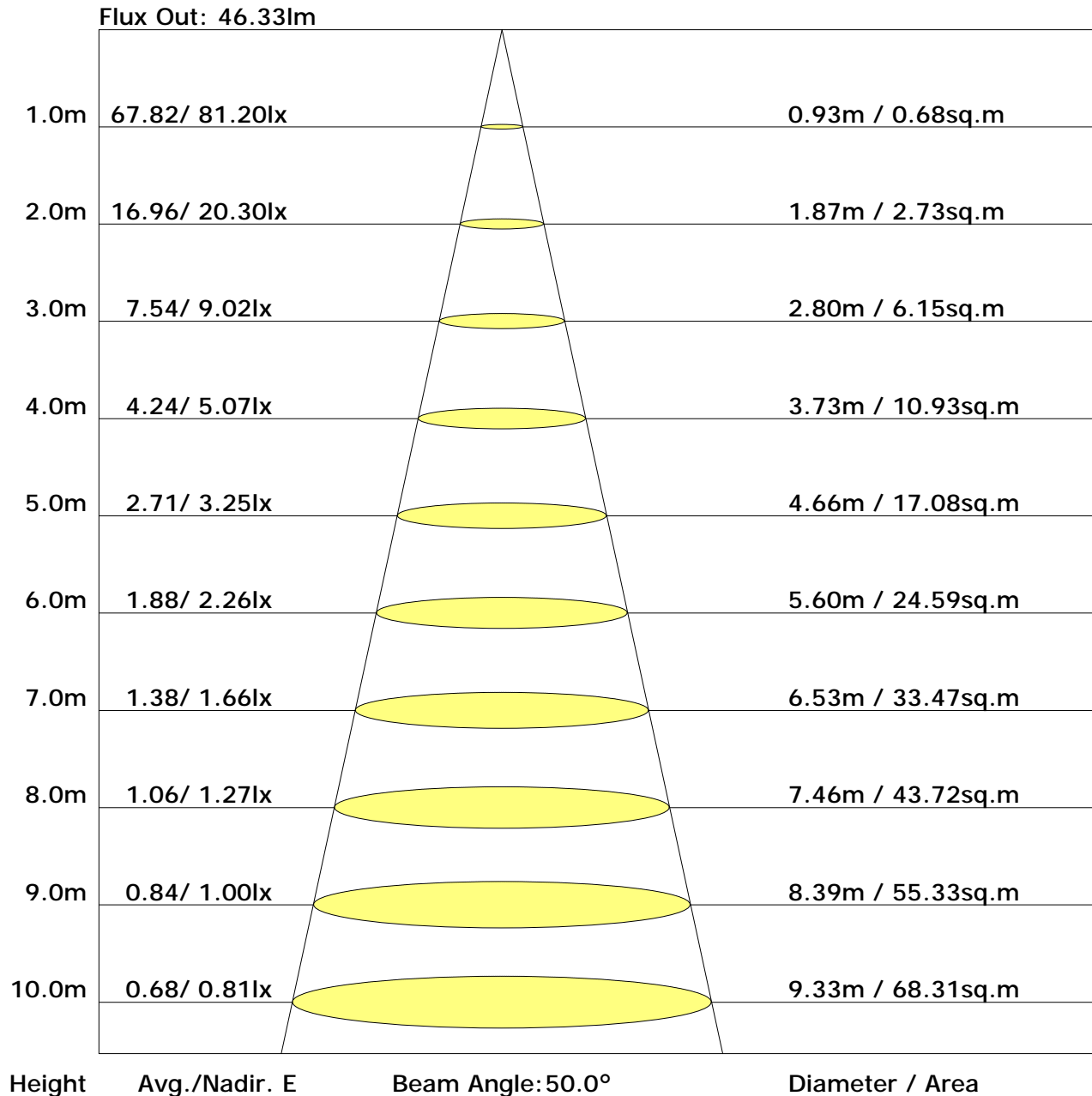
C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Jacky

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	15.9	17.2	16.7	18.0	18.9	17.1	18.4	17.8	19.1	20.1
3H	18.1	19.2	18.8	20.0	21.0	19.6	20.8	20.4	21.6	22.5
4H	19.0	20.1	19.7	20.9	21.8	20.8	21.9	21.6	22.7	23.7
6H	19.8	20.8	20.5	21.6	22.6	22.0	23.0	22.7	23.8	24.8
8H	20.1	21.0	20.8	21.9	22.8	22.5	23.5	23.3	24.3	25.3
12H	20.3	21.2	21.1	22.1	23.1	23.0	24.0	23.8	24.8	25.8
X=4H Y=2H	16.8	17.9	17.5	18.7	19.6	17.7	18.8	18.5	19.6	20.6
3H	19.1	20.1	19.9	20.9	21.9	20.5	21.5	21.3	22.3	23.3
4H	20.2	21.1	21.0	21.9	22.9	21.9	22.8	22.7	23.6	24.6
6H	21.1	21.9	21.9	22.7	23.7	23.2	24.0	24.0	24.9	25.9
8H	21.5	22.2	22.3	23.1	24.1	23.9	24.6	24.7	25.5	26.5
12H	21.8	22.5	22.6	23.3	24.4	24.5	25.2	25.3	26.0	27.1
X=8H Y=4H	20.8	21.6	21.6	22.4	23.4	22.3	23.0	23.1	23.9	24.9
6H	22.0	22.6	22.8	23.5	24.5	23.8	24.5	24.7	25.4	26.4
8H	22.5	23.1	23.4	24.0	25.0	24.7	25.2	25.5	26.1	27.1
12H	23.0	23.5	23.8	24.4	25.5	25.5	26.0	26.3	26.8	27.9
X=12H Y=4H	21.0	21.7	21.8	22.5	23.6	22.3	23.0	23.2	23.9	24.9
6H	22.3	22.9	23.1	23.7	24.8	24.0	24.6	24.8	25.4	26.5
8H	22.9	23.4	23.7	24.3	25.4	24.9	25.4	25.7	26.3	27.3

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 = 1.75									
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	NA	0.52	0.59	0.64	0.71	0.76	0.79	0.84	0.88	
	0.30		NA	0.44	0.51	0.56	0.63	0.69	0.73	0.79	0.83	
	0.20		NA	0.38	0.44	0.49	0.57	0.63	0.67	0.74	0.78	
0.50	0.50	0.20	NA	0.47	0.53	0.57	0.63	0.67	0.71	0.75	0.78	
	0.30		NA	0.40	0.46	0.50	0.57	0.62	0.66	0.71	0.74	
	0.20		NA	0.35	0.40	0.45	0.52	0.57	0.61	0.67	0.71	
0.30	0.50	0.20	NA	0.42	0.47	0.51	0.56	0.60	0.63	0.67	0.69	
	0.30		NA	0.36	0.41	0.45	0.51	0.55	0.59	0.63	0.66	
	0.20		NA	0.32	0.37	0.41	0.47	0.52	0.55	0.60	0.63	
0.00	0.00	0.00	NA	0.26	0.30	0.34	0.39	0.43	0.45	0.50	0.52	
Rating: 15W 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 = 1.75								
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	NA	0.89	0.78	0.70	0.58	0.50	0.44	0.35	0.30
	0.30		NA	0.76	0.68	0.62	0.52	0.46	0.40	0.33	0.28
	0.20		NA	0.66	0.60	0.55	0.48	0.42	0.38	0.31	0.27
0.50	0.50	0.20	NA	0.81	0.71	0.63	0.53	0.47	0.40	0.32	0.27
	0.30		NA	0.70	0.62	0.57	0.48	0.42	0.37	0.31	0.26
	0.20		NA	0.62	0.56	0.51	0.44	0.39	0.35	0.29	0.25
0.30	0.50	0.20	NA	0.73	0.64	0.57	0.48	0.41	0.36	0.30	0.25
	0.30		NA	0.64	0.57	0.52	0.44	0.39	0.34	0.28	0.24
	0.20		NA	0.57	0.52	0.48	0.41	0.36	0.33	0.27	0.23
0.00	0.00	0.00	0.71	0.45	0.41	0.38	0.32	0.29	0.26	0.22	0.19
Rating: 15W 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 = 1.75								
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	NA	0.46	0.47	0.47	0.48	0.49	0.49	0.49	0.50
	0.30		NA	0.39	0.40	0.41	0.42	0.44	0.44	0.45	0.46
	0.20		NA	0.34	0.35	0.36	0.38	0.39	0.40	0.42	0.43
0.50	0.50	0.20	NA	0.44	0.45	0.46	0.46	0.47	0.47	0.47	0.48
	0.30		NA	0.38	0.39	0.40	0.41	0.42	0.43	0.44	0.44
	0.20		NA	0.33	0.34	0.35	0.37	0.38	0.39	0.40	0.41
0.30	0.50	0.20	NA	0.43	0.44	0.44	0.45	0.45	0.45	0.45	0.46
	0.30		NA	0.37	0.38	0.39	0.40	0.41	0.41	0.42	0.43
	0.20		NA	0.33	0.34	0.35	0.36	0.37	0.38	0.39	0.40
0.00	0.00	0.00	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29
Rating: 15W 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	79.6	0.1	0.1	0.01	0.01
1.0-2.0	79.6	0.2	0.3	0.04	0.05
2.0-3.0	79.6	0.4	0.7	0.07	0.12
3.0-4.0	79.5	0.5	1.2	0.09	0.21
4.0-5.0	79.5	0.7	1.9	0.12	0.34
5.0-6.0	79.4	0.8	2.7	0.15	0.48
6.0-7.0	79.3	1.0	3.7	0.17	0.66
7.0-8.0	79.3	1.1	4.9	0.20	0.86
8.0-9.0	79.2	1.3	6.1	0.23	1.08
9.0-10.0	79.1	1.4	7.6	0.25	1.34
10.0-11.0	79.1	1.6	9.2	0.28	1.61
11.0-12.0	79.0	1.7	10.9	0.30	1.92
12.0-13.0	79.0	1.9	12.8	0.33	2.25
13.0-14.0	78.9	2.0	14.8	0.36	2.61
14.0-15.0	78.9	2.2	16.9	0.38	2.99
15.0-16.0	78.9	2.3	19.3	0.41	3.40
16.0-17.0	78.8	2.5	21.7	0.43	3.83
17.0-18.0	78.7	2.6	24.3	0.46	4.29
18.0-19.0	78.7	2.7	27.0	0.48	4.77
19.0-20.0	78.6	2.9	29.9	0.51	5.28
20.0-21.0	78.5	3.0	32.9	0.53	5.81
21.0-22.0	78.4	3.2	36.1	0.56	6.37
22.0-23.0	78.3	3.3	39.4	0.58	6.94
23.0-24.0	78.2	3.4	42.8	0.60	7.55
24.0-25.0	78.0	3.5	46.3	0.63	8.17
25.0-26.0	77.9	3.7	50.0	0.65	8.82
26.0-27.0	77.7	3.8	53.8	0.67	9.49
27.0-28.0	77.6	3.9	57.7	0.69	10.19
28.0-29.0	77.4	4.0	61.8	0.71	10.90
29.0-30.0	77.2	4.2	66.0	0.74	11.64
30.0-31.0	77.0	4.3	70.2	0.76	12.39
31.0-32.0	76.8	4.4	74.6	0.78	13.17
32.0-33.0	76.6	4.5	79.2	0.80	13.96
33.0-34.0	76.3	4.6	83.8	0.81	14.78
34.0-35.0	76.1	4.7	88.5	0.83	15.61
35.0-36.0	75.8	4.8	93.3	0.85	16.46

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	75.5	4.9	98.3	0.87	17.33
37.0-38.0	75.3	5.0	103.3	0.89	18.22
38.0-39.0	75.0	5.1	108.4	0.90	19.12
39.0-40.0	74.6	5.2	113.6	0.92	20.04
40.0-41.0	74.3	5.3	118.9	0.93	20.98
41.0-42.0	74.0	5.4	124.3	0.95	21.92
42.0-43.0	73.6	5.5	129.7	0.96	22.89
43.0-44.0	73.2	5.5	135.2	0.98	23.86
44.0-45.0	72.9	5.6	140.8	0.99	24.85
45.0-46.0	72.5	5.7	146.5	1.00	25.85
46.0-47.0	72.1	5.7	152.2	1.01	26.86
47.0-48.0	71.6	5.8	158.0	1.02	27.88
48.0-49.0	71.2	5.8	163.9	1.03	28.91
49.0-50.0	70.7	5.9	169.8	1.04	29.95
50.0-51.0	70.3	5.9	175.7	1.05	31.00
51.0-52.0	69.8	6.0	181.7	1.06	32.06
52.0-53.0	69.3	6.0	187.8	1.06	33.13
53.0-54.0	68.8	6.1	193.8	1.07	34.20
54.0-55.0	68.3	6.1	199.9	1.08	35.27
55.0-56.0	67.8	6.1	206.0	1.08	36.35
56.0-57.0	67.3	6.2	212.2	1.09	37.44
57.0-58.0	66.7	6.2	218.4	1.09	38.53
58.0-59.0	66.2	6.2	224.6	1.09	39.62
59.0-60.0	65.6	6.2	230.8	1.09	40.71
60.0-61.0	65.0	6.2	237.0	1.09	41.80
61.0-62.0	64.4	6.2	243.2	1.09	42.90
62.0-63.0	63.8	6.2	249.4	1.09	43.99
63.0-64.0	63.2	6.2	255.6	1.09	45.09
64.0-65.0	62.6	6.2	261.8	1.09	46.18
65.0-66.0	61.9	6.2	267.9	1.09	47.27
66.0-67.0	61.3	6.2	274.1	1.09	48.36
67.0-68.0	60.6	6.1	280.2	1.08	49.44
68.0-69.0	60.0	6.1	286.4	1.08	50.52
69.0-70.0	59.3	6.1	292.4	1.07	51.60
70.0-71.0	58.6	6.1	298.5	1.07	52.66
71.0-72.0	57.9	6.0	304.5	1.06	53.73

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	57.2	6.0	310.5	1.06	54.78
73.0-74.0	56.5	5.9	316.5	1.05	55.83
74.0-75.0	55.8	5.9	322.4	1.04	56.87
75.0-76.0	55.1	5.9	328.2	1.03	57.91
76.0-77.0	54.4	5.8	334.0	1.02	58.93
77.0-78.0	53.7	5.7	339.8	1.01	59.94
78.0-79.0	53.0	5.7	345.5	1.00	60.95
79.0-80.0	52.2	5.6	351.1	0.99	61.94
80.0-81.0	51.5	5.6	356.7	0.98	62.92
81.0-82.0	50.8	5.5	362.2	0.97	63.89
82.0-83.0	50.0	5.4	367.6	0.96	64.85
83.0-84.0	49.3	5.4	373.0	0.95	65.80
84.0-85.0	48.5	5.3	378.3	0.93	66.74
85.0-86.0	47.8	5.2	383.5	0.92	67.66
86.0-87.0	47.1	5.2	388.6	0.91	68.57
87.0-88.0	46.4	5.1	393.7	0.90	69.46
88.0-89.0	45.7	5.0	398.7	0.88	70.35
89.0-90.0	45.0	4.9	403.7	0.87	71.22
90.0-91.0	44.4	4.9	408.5	0.86	72.08
91.0-92.0	43.8	4.8	413.3	0.85	72.92
92.0-93.0	43.1	4.7	418.1	0.83	73.76
93.0-94.0	42.5	4.7	422.7	0.82	74.58
94.0-95.0	41.9	4.6	427.3	0.81	75.39
95.0-96.0	41.2	4.5	431.8	0.79	76.18
96.0-97.0	40.6	4.4	436.2	0.78	76.96
97.0-98.0	40.0	4.3	440.6	0.77	77.73
98.0-99.0	39.4	4.3	444.8	0.75	78.48
99.0-100.0	38.8	4.2	449.0	0.74	79.22
100.0-101.0	38.1	4.1	453.1	0.73	79.95
101.0-102.0	37.5	4.0	457.2	0.71	80.66
102.0-103.0	36.9	4.0	461.1	0.70	81.36
103.0-104.0	36.4	3.9	465.0	0.68	82.04
104.0-105.0	35.8	3.8	468.8	0.67	82.71
105.0-106.0	35.2	3.7	472.5	0.66	83.37
106.0-107.0	34.6	3.6	476.2	0.64	84.01
107.0-108.0	34.1	3.6	479.7	0.63	84.64

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	33.5	3.5	483.2	0.61	85.25
109.0-110.0	33.0	3.4	486.6	0.60	85.85
110.0-111.0	32.4	3.3	490.0	0.59	86.44
111.0-112.0	31.8	3.2	493.2	0.57	87.01
112.0-113.0	31.2	3.2	496.4	0.56	87.57
113.0-114.0	30.7	3.1	499.5	0.54	88.12
114.0-115.0	30.1	3.0	502.5	0.53	88.65
115.0-116.0	29.6	2.9	505.4	0.52	89.16
116.0-117.0	29.0	2.8	508.2	0.50	89.66
117.0-118.0	28.5	2.8	511.0	0.49	90.15
118.0-119.0	27.9	2.7	513.7	0.47	90.63
119.0-120.0	27.4	2.6	516.3	0.46	91.09
120.0-121.0	26.8	2.5	518.8	0.45	91.54
121.0-122.0	26.3	2.5	521.3	0.43	91.97
122.0-123.0	25.8	2.4	523.7	0.42	92.39
123.0-124.0	25.2	2.3	526.0	0.41	92.80
124.0-125.0	24.7	2.2	528.2	0.39	93.19
125.0-126.0	24.1	2.2	530.4	0.38	93.57
126.0-127.0	23.6	2.1	532.4	0.37	93.94
127.0-128.0	23.0	2.0	534.5	0.35	94.29
128.0-129.0	22.5	1.9	536.4	0.34	94.63
129.0-130.0	22.0	1.9	538.2	0.33	94.96
130.0-131.0	21.5	1.8	540.0	0.32	95.28
131.0-132.0	21.0	1.7	541.8	0.30	95.58
132.0-133.0	20.5	1.7	543.4	0.29	95.87
133.0-134.0	19.9	1.6	545.0	0.28	96.15
134.0-135.0	19.4	1.5	546.5	0.27	96.42
135.0-136.0	18.9	1.5	548.0	0.26	96.68
136.0-137.0	18.5	1.4	549.4	0.25	96.92
137.0-138.0	18.0	1.3	550.7	0.23	97.16
138.0-139.0	17.4	1.3	552.0	0.22	97.38
139.0-140.0	16.9	1.2	553.2	0.21	97.59
140.0-141.0	16.3	1.1	554.3	0.20	97.79
141.0-142.0	15.7	1.1	555.4	0.19	97.98
142.0-143.0	15.2	1.0	556.4	0.18	98.16
143.0-144.0	14.7	1.0	557.4	0.17	98.33

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	14.1	0.9	558.3	0.16	98.49
145.0-146.0	13.6	0.8	559.1	0.15	98.64
146.0-147.0	13.0	0.8	559.9	0.14	98.78
147.0-148.0	12.5	0.7	560.6	0.13	98.91
148.0-149.0	11.9	0.7	561.3	0.12	99.03
149.0-150.0	11.3	0.6	561.9	0.11	99.14
150.0-151.0	10.7	0.6	562.5	0.10	99.24
151.0-152.0	10.2	0.5	563.0	0.09	99.34
152.0-153.0	9.6	0.5	563.5	0.09	99.42
153.0-154.0	9.1	0.4	564.0	0.08	99.50
154.0-155.0	8.5	0.4	564.4	0.07	99.57
155.0-156.0	8.0	0.4	564.7	0.06	99.63
156.0-157.0	7.5	0.3	565.1	0.06	99.69
157.0-158.0	6.9	0.3	565.4	0.05	99.74
158.0-159.0	6.4	0.3	565.6	0.05	99.79
159.0-160.0	5.8	0.2	565.8	0.04	99.83
160.0-161.0	5.2	0.2	566.0	0.03	99.86
161.0-162.0	4.6	0.2	566.2	0.03	99.89
162.0-163.0	4.0	0.1	566.3	0.02	99.91
163.0-164.0	3.4	0.1	566.4	0.02	99.93
164.0-165.0	2.9	0.1	566.5	0.01	99.95
165.0-166.0	2.4	0.1	566.6	0.01	99.96
166.0-167.0	2.0	0.1	566.6	0.01	99.97
167.0-168.0	1.7	0.0	566.7	0.01	99.98
168.0-169.0	1.4	0.0	566.7	0.01	99.98
169.0-170.0	1.2	0.0	566.7	0.00	99.99
170.0-171.0	1.1	0.0	566.7	0.00	99.99
171.0-172.0	0.9	0.0	566.8	0.00	99.99
172.0-173.0	0.8	0.0	566.8	0.00	99.99
173.0-174.0	0.8	0.0	566.8	0.00	100.00
174.0-175.0	0.8	0.0	566.8	0.00	100.00
175.0-176.0	0.8	0.0	566.8	0.00	100.00
176.0-177.0	0.8	0.0	566.8	0.00	100.00
177.0-178.0	0.8	0.0	566.8	0.00	100.00
178.0-179.0	0.8	0.0	566.8	0.00	100.00
179.0-180.0	0.8	0.0	566.8	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: