

Report No.:

Test Time: 2022/11/29 11:26

## Luminaire Property

Luminaire Manufacturer: Acolyte

Luminaire Category: Neon Contour

Luminaire Description: Neon Contour VW-Cool only

Lamp Catalog: NLC3.0VW-Cool only

Luminous Length (mm): 1000

Luminous Height (mm): 17

Current: 0.208 A

Power Factor: 1.000

Number of Lamps: 1

Luminous Width (mm): 08

Voltage: 24.0 V

Power: 4.99 W

## Photometric Results

CIE Class: Semi-Direct

Measurement Flux: 221.4 lm

Downward Ratio: 78%

Horizontal Diffuse Angle(10%,50%): H257.4,H122.5

Vertical Diffuse Angle(10%,50%): V297,V169.1

Luminaire Efficacy Rating (LER): 44

Max. Intensity: 45.17 cd

Total Rated Lamp Lumens: 221.4 lm

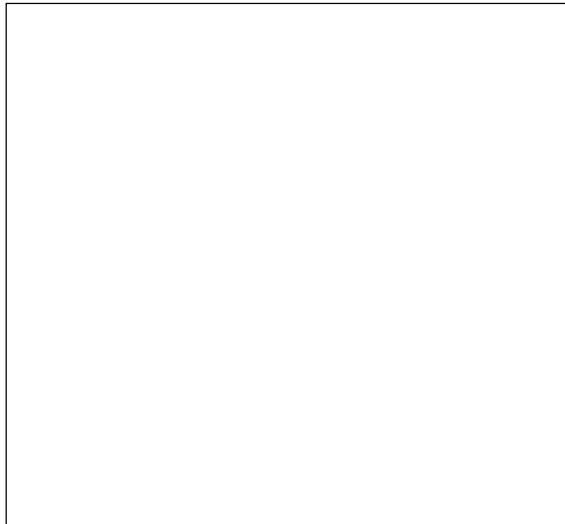
Efficiency: 100%

Upward Ratio: 22%

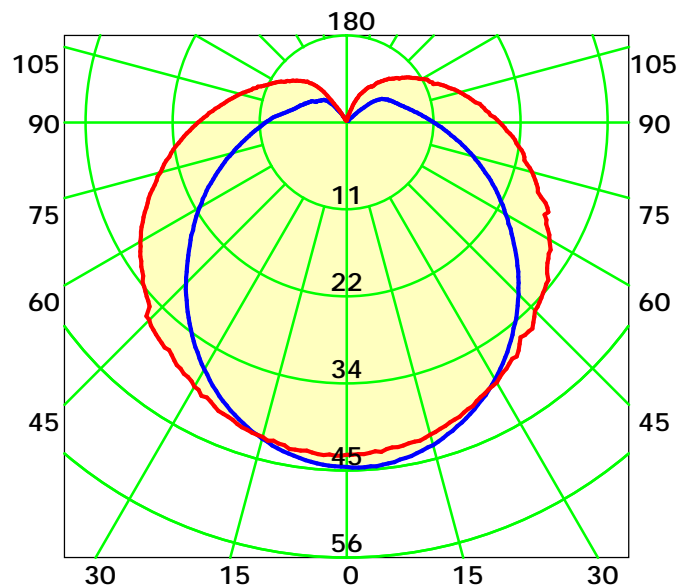
Central Intensity: 45.07 cd

Pos of Max. Intensity: H0 V2

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 145.8° 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

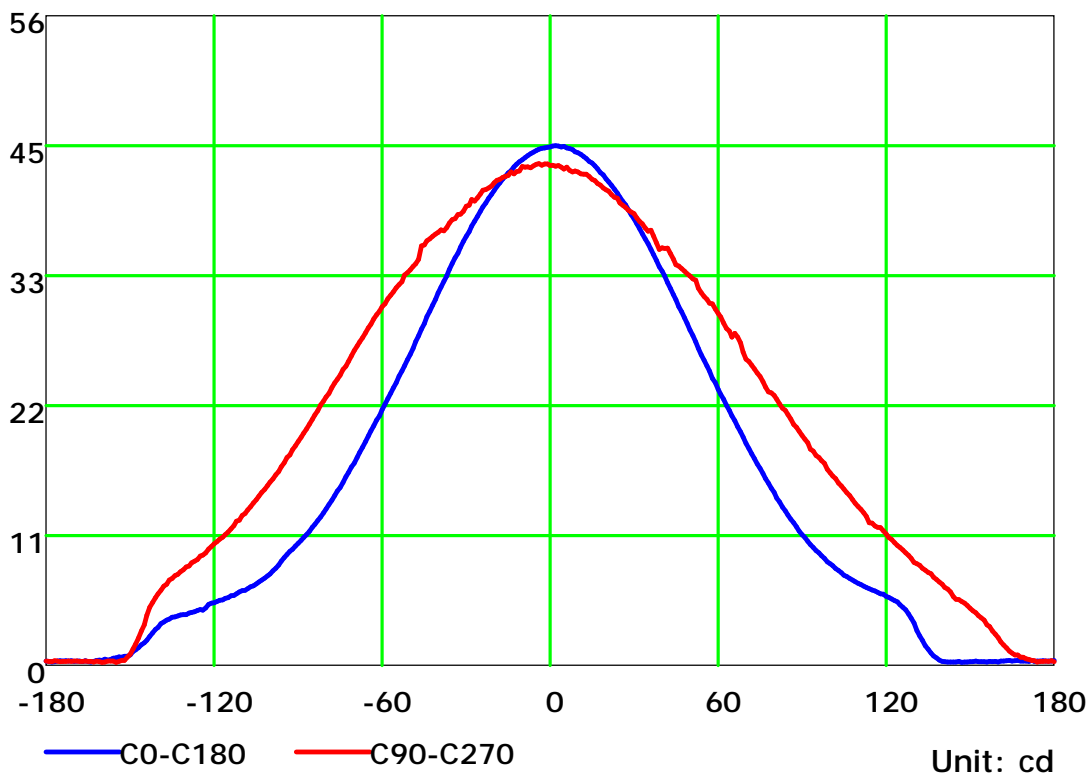
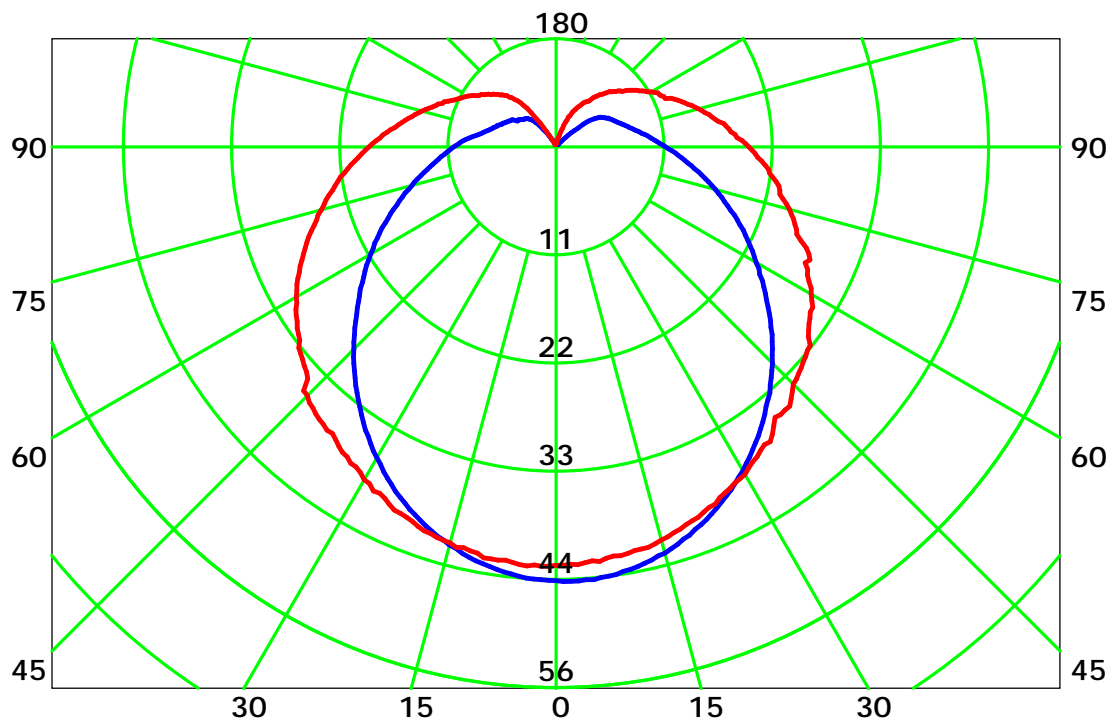
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

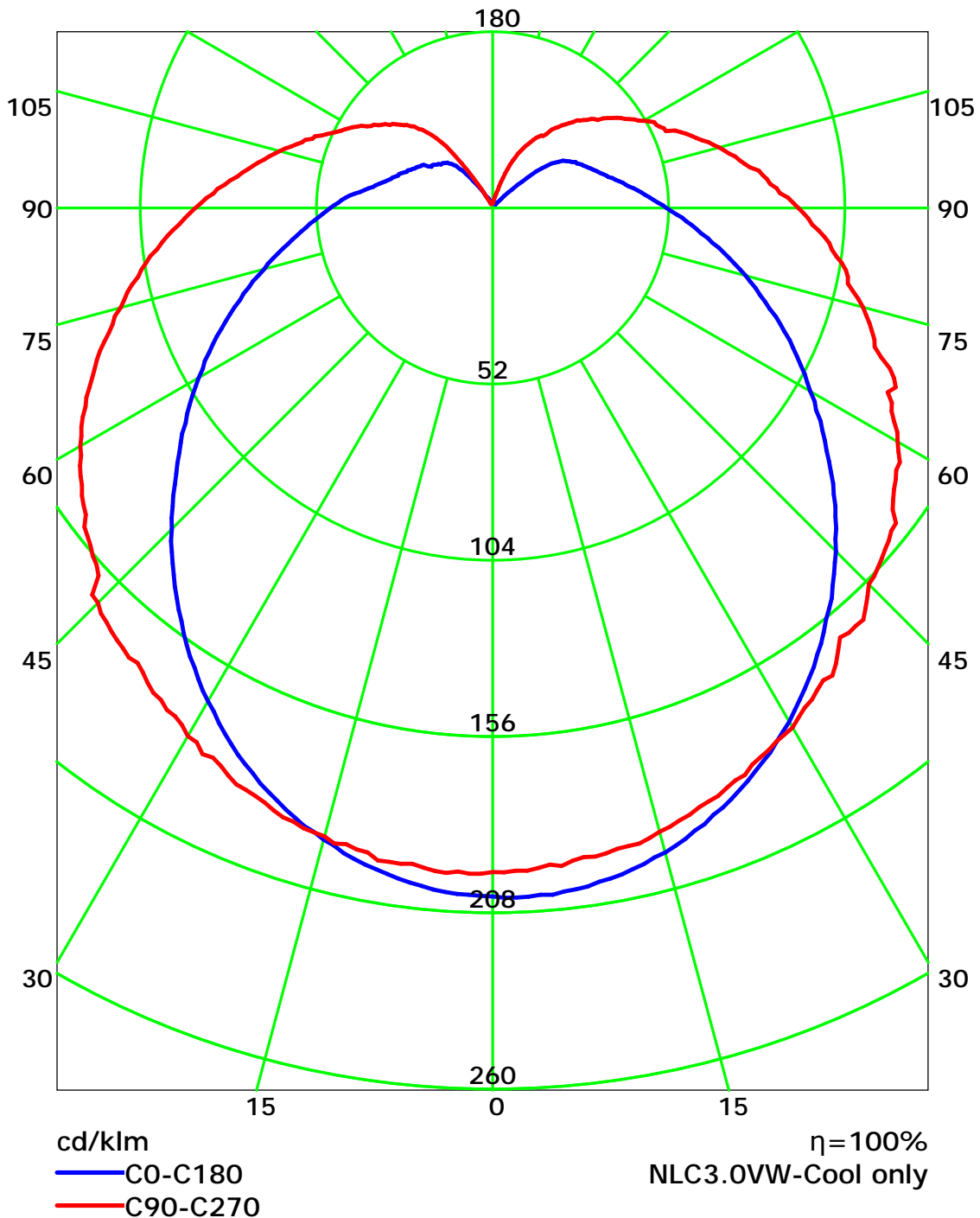
## Luminous Intensity Distribution Curve



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:

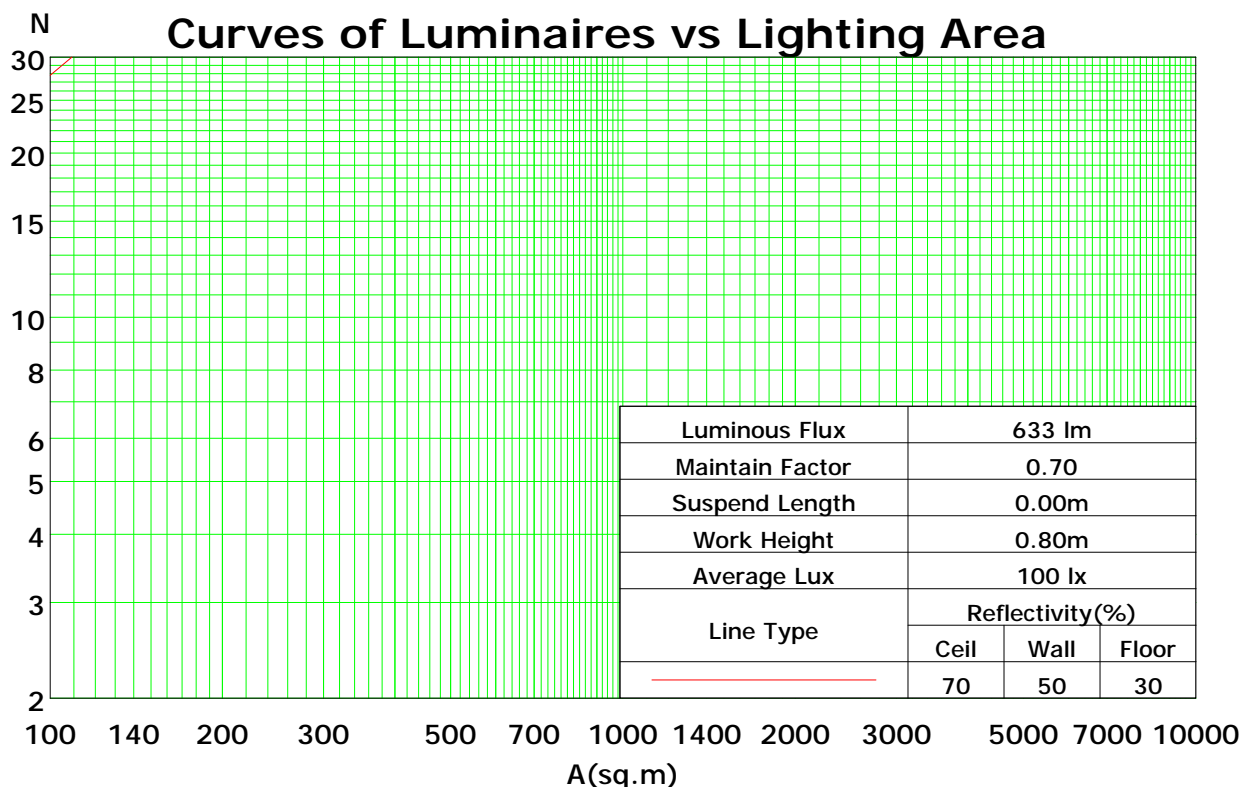
## Coefficients Of Utilization - Zonal Cavity Method

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	114	114	114	114	109	109	109	109	99	99	99	90	90	90	82	82	82	78
1	101	94	89	84	95	90	85	81	82	78	74	74	71	68	67	65	62	59
2	90	81	73	66	85	77	70	63	70	64	59	63	58	54	57	53	50	46
3	81	70	61	53	77	66	58	52	60	54	48	55	49	44	49	45	41	38
4	74	61	52	44	70	58	50	43	53	46	40	48	42	37	44	39	34	31
5	68	54	45	38	64	52	43	36	47	40	34	43	37	32	39	34	29	27
6	62	49	39	32	59	46	38	31	42	35	29	39	32	28	35	30	26	23
7	58	44	35	28	55	42	33	27	38	31	26	35	29	24	32	27	23	20
8	54	40	31	25	51	38	30	24	35	28	23	32	26	21	29	24	20	18
9	50	36	28	22	47	35	27	22	32	25	20	29	23	19	27	22	18	16
10	47	33	25	20	44	32	24	19	30	23	18	27	21	17	25	20	16	14

Spacing Criteria (0-180): 1.26

Spacing Criteria (90-270): 1.36

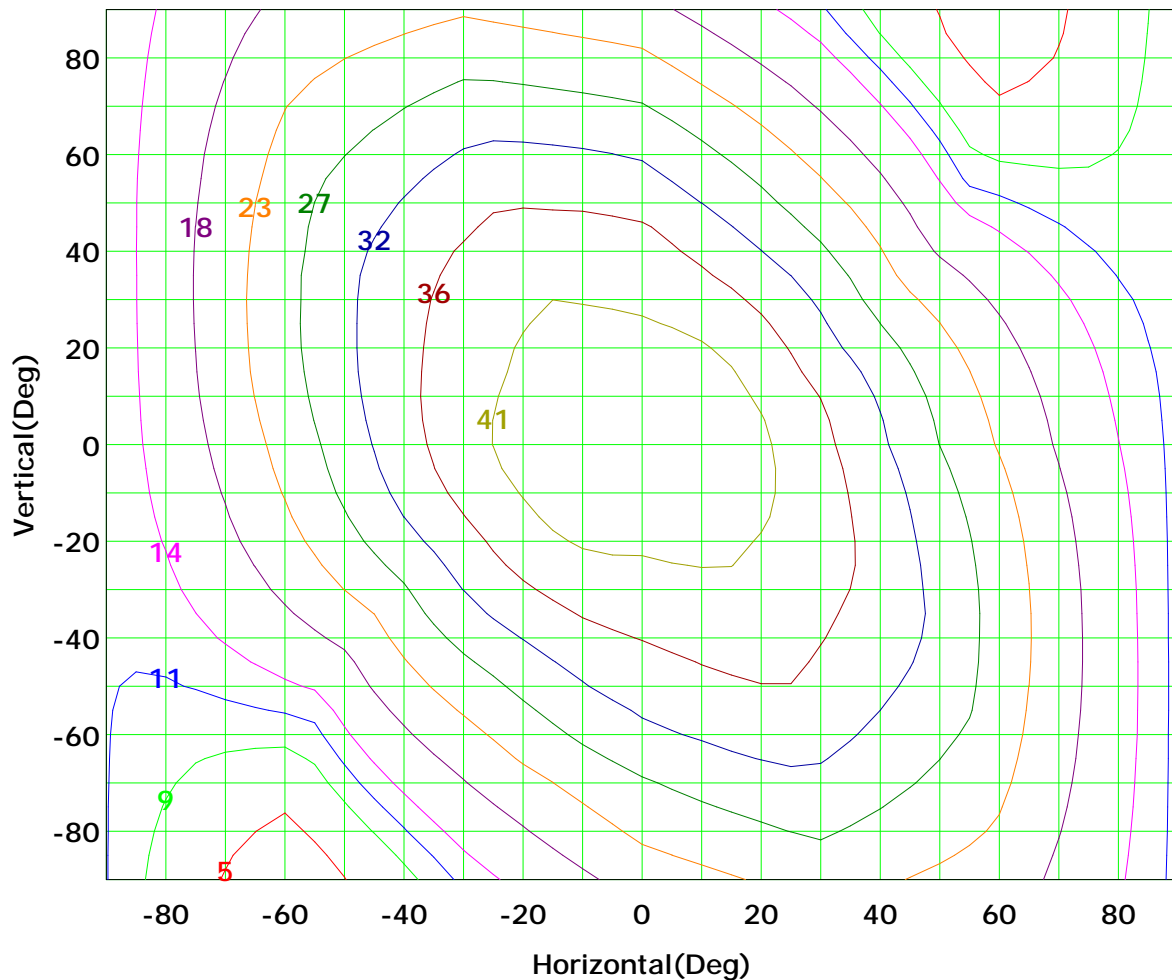
Spacing Criteria (Diagonal): 1.45



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)



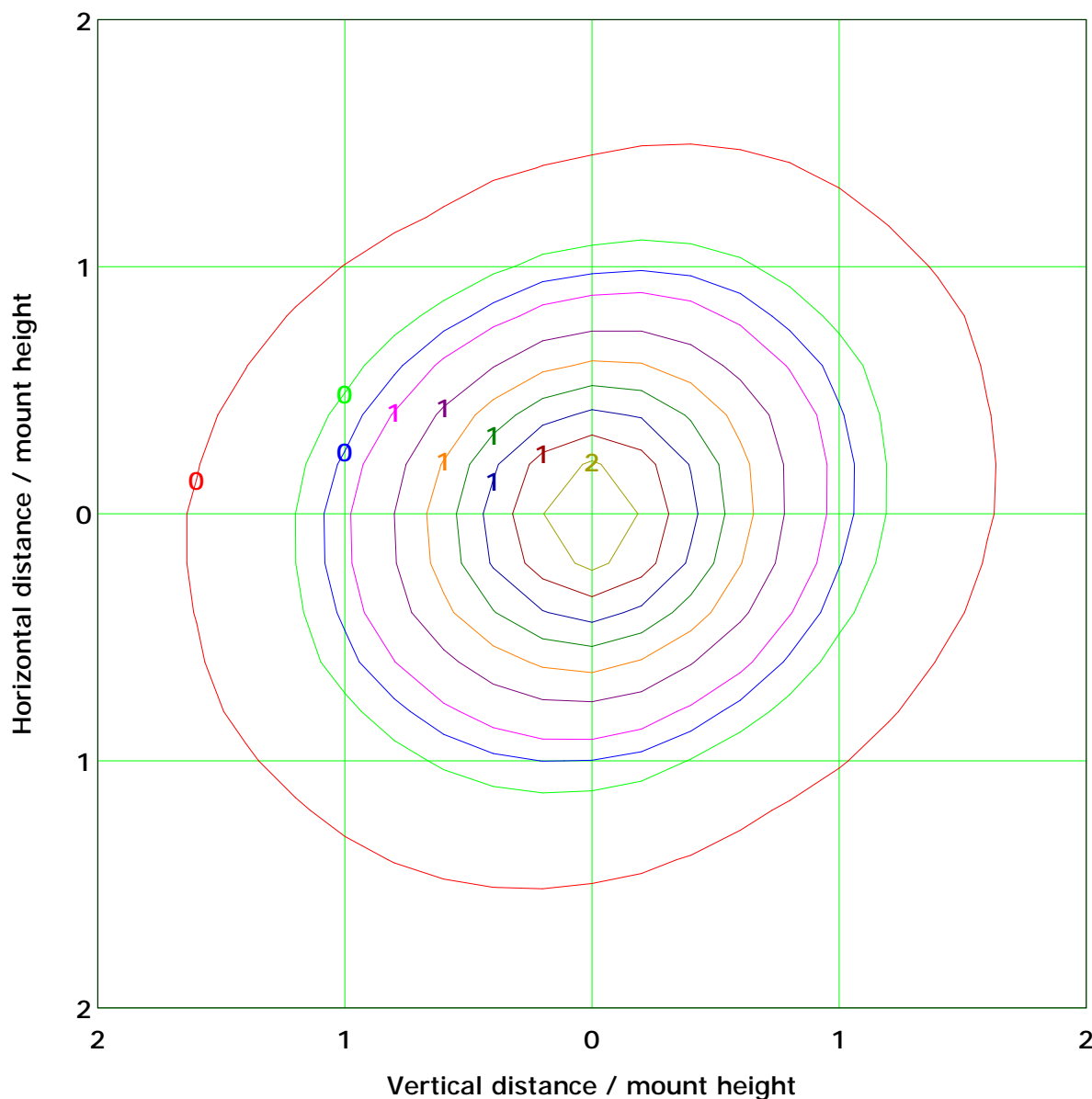
I<sub>max</sub> (100%): 45 cd

( 10%):	5 cd	( 20%):	9 cd
( 25%):	11 cd	( 30%):	14 cd
( 40%):	18 cd	( 50%):	23 cd
( 60%):	27 cd	( 70%):	32 cd
( 80%):	36 cd	( 90%):	41 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%): 1.8 lx

( 10%): 0.2 lx	( 20%): 0.4 lx
( 25%): 0.5 lx	( 30%): 0.5 lx
( 40%): 0.7 lx	( 50%): 0.9 lx
( 60%): 1.1 lx	( 70%): 1.3 lx
( 80%): 1.4 lx	( 90%): 1.6 lx

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

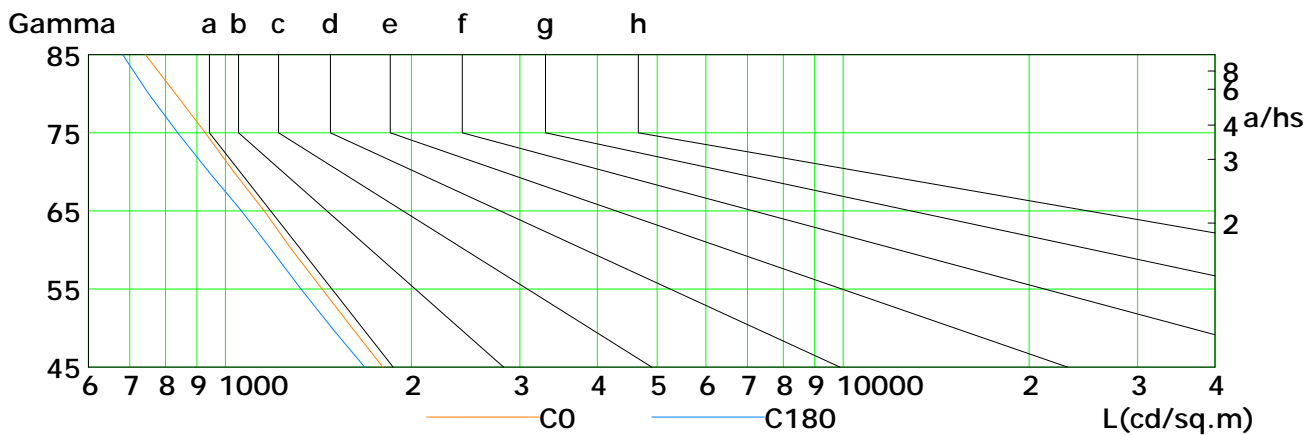
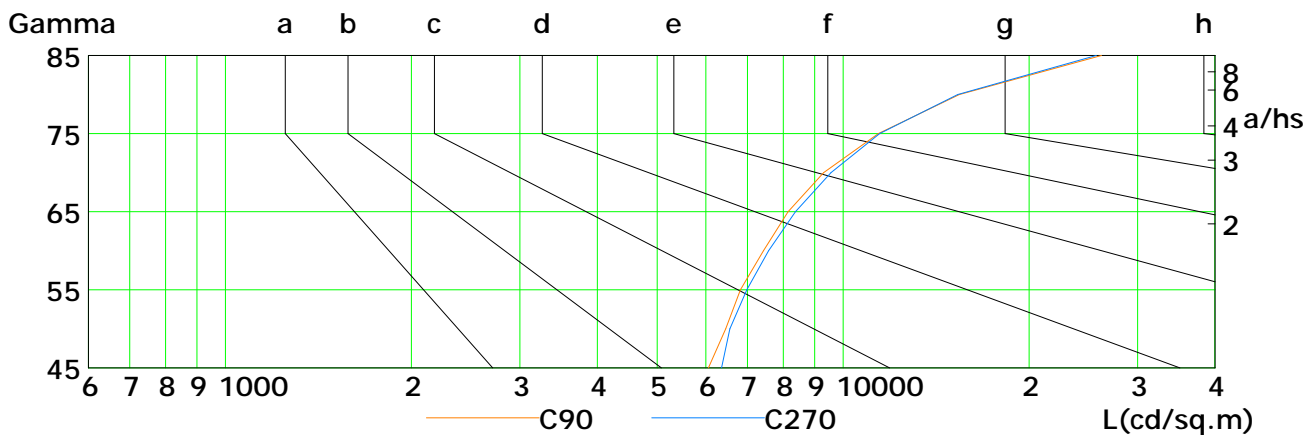
Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1800B  
Distance: 9.028 m  
Humidity: 60%  
Inspector:



## 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

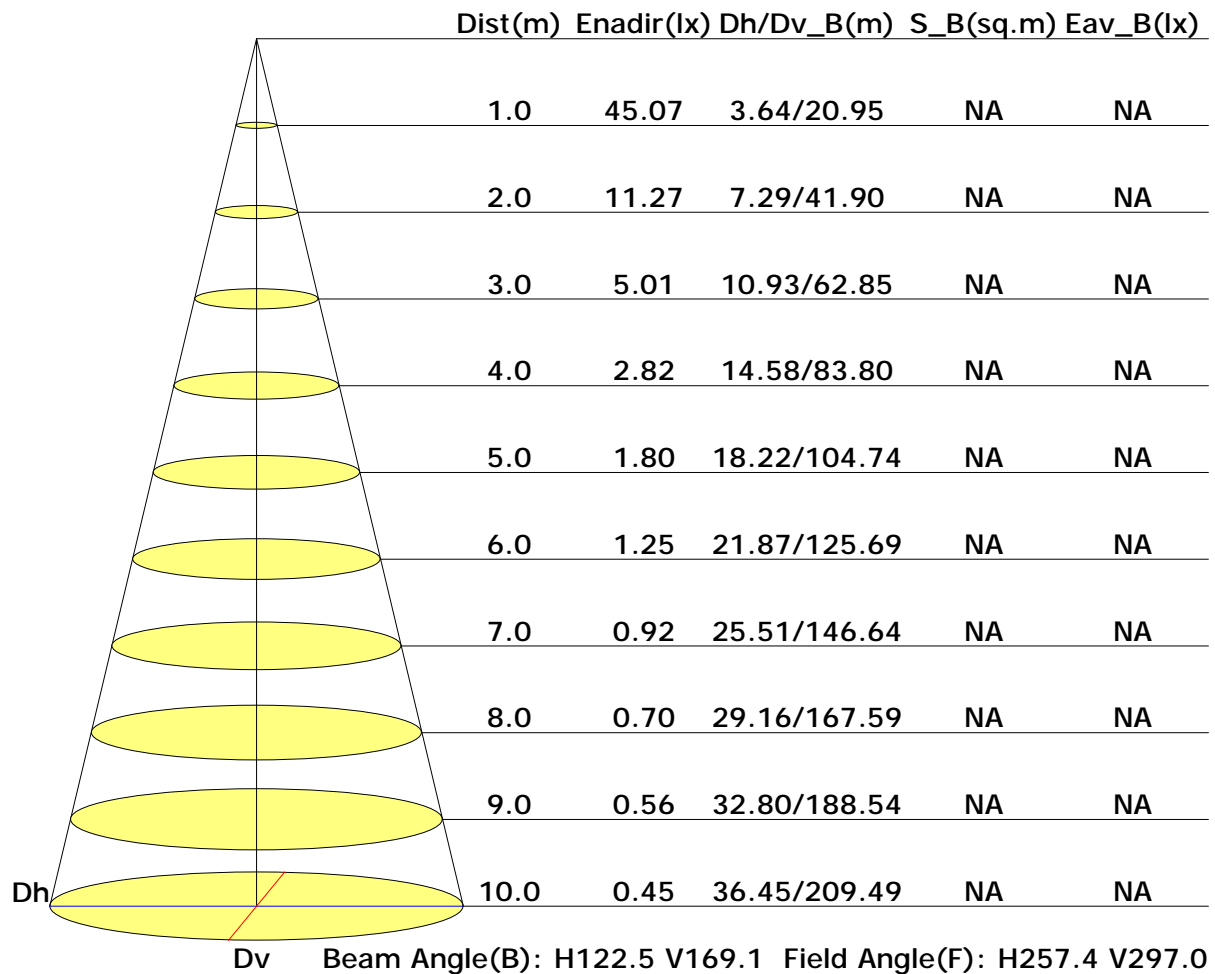


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	1799	1605	1435	1282	1156	1032	928	830	742
C90	6056	6456	6826	7436	8147	9298	11408	15429	26203
C180	1682	1489	1327	1188	1062	941	838	751	682
C270	6355	6555	6987	7574	8379	9560	11458	15337	25699

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:

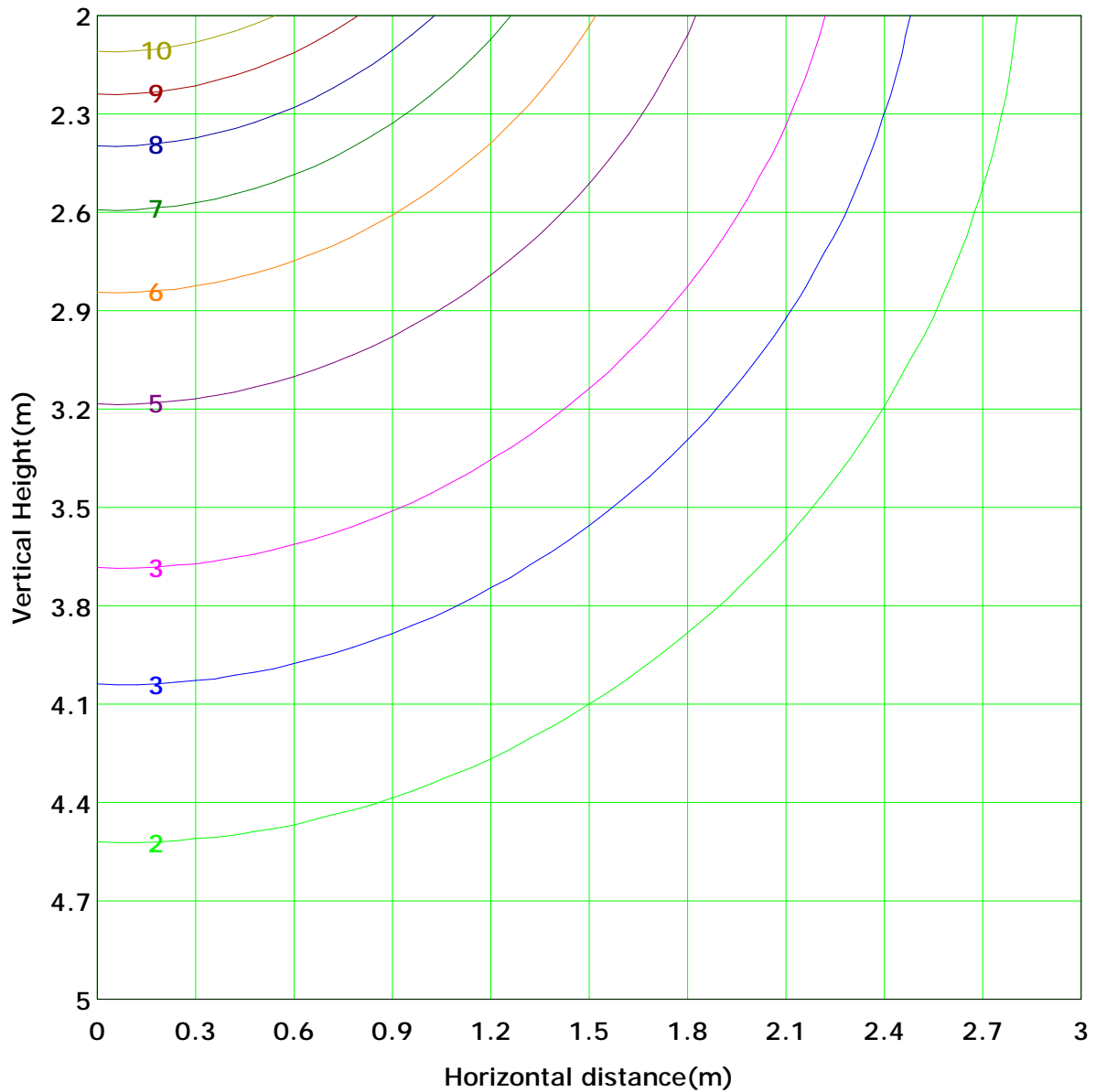
## Illuminance at a Distance







## Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 11.3 lx
( 10%): 1.1 lx	( 20%): 2.3 lx	
( 25%): 2.8 lx	( 30%): 3.4 lx	
( 40%): 4.5 lx	( 50%): 5.6 lx	
( 60%): 6.8 lx	( 70%): 7.9 lx	
( 80%): 9.0 lx	( 90%): 10.2 lx	

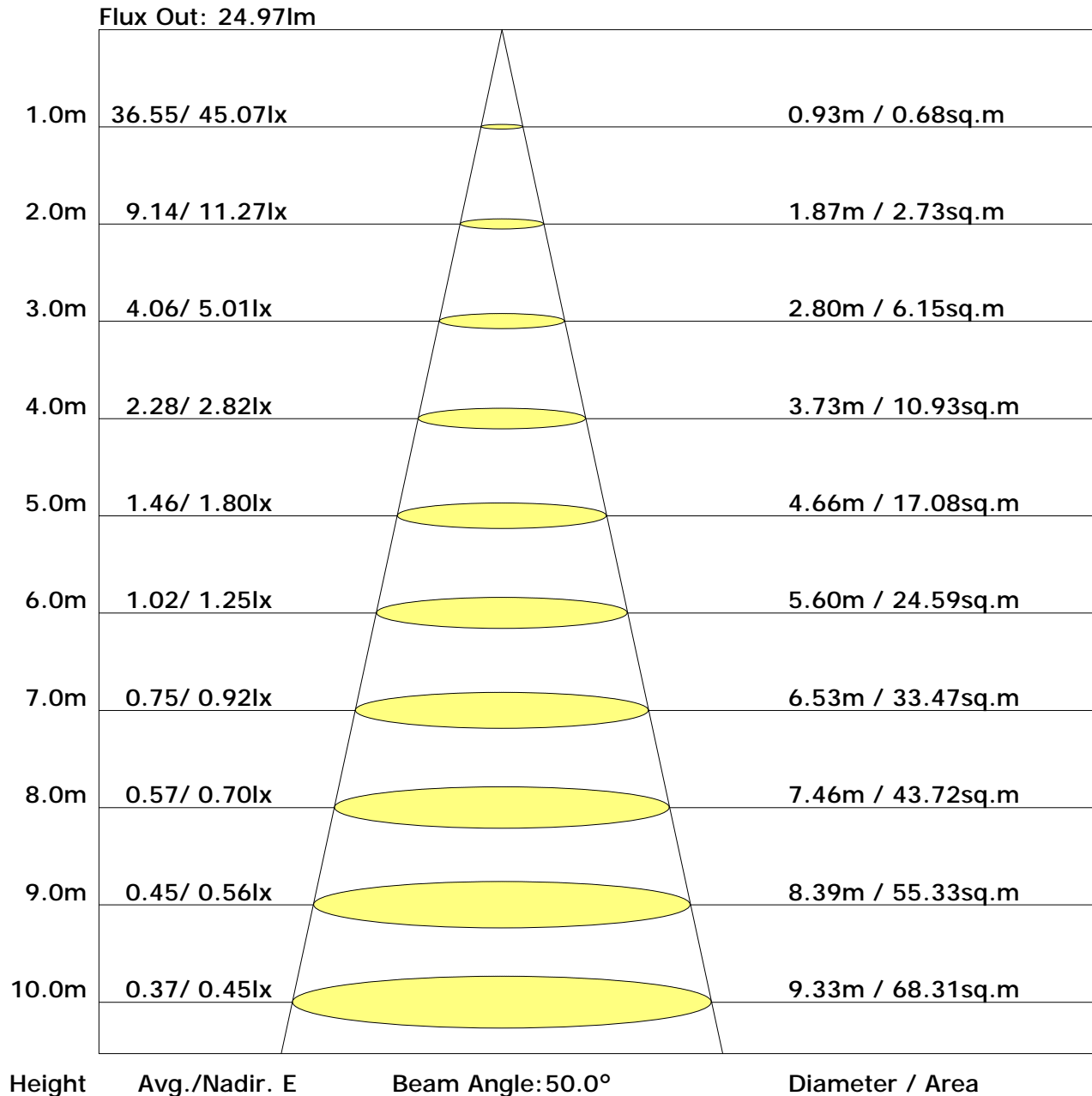
C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Jacky

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	19.1	20.5	19.8	21.1	21.9	17.9	19.2	18.6	19.9	20.7
3H	21.7	22.9	22.3	23.6	24.4	20.1	21.4	20.8	22.0	22.9
4H	22.9	24.1	23.6	24.8	25.6	21.1	22.3	21.8	23.0	23.8
6H	24.3	25.3	25.0	26.1	26.9	22.1	23.2	22.8	23.9	24.8
8H	25.0	26.0	25.7	26.7	27.6	22.6	23.6	23.3	24.4	25.2
12H	25.8	26.8	26.5	27.5	28.4	23.0	24.0	23.7	24.8	25.6
X=4H Y=2H	19.6	20.7	20.3	21.4	22.3	18.7	19.8	19.3	20.5	21.4
3H	22.3	23.3	23.0	24.0	24.8	21.2	22.2	21.8	22.9	23.7
4H	23.6	24.5	24.3	25.3	26.1	22.3	23.3	23.0	24.0	24.9
6H	25.1	25.9	25.8	26.6	27.5	23.5	24.3	24.2	25.1	25.9
8H	25.8	26.6	26.5	27.4	28.3	24.0	24.8	24.7	25.5	26.5
12H	26.7	27.4	27.4	28.2	29.1	24.5	25.3	25.3	26.0	26.9
X=8H Y=4H	23.9	24.7	24.6	25.4	26.3	22.8	23.6	23.6	24.4	25.3
6H	25.4	26.1	26.2	26.9	27.8	24.2	24.9	25.0	25.7	26.6
8H	26.3	26.9	27.1	27.7	28.6	24.9	25.5	25.7	26.3	27.2
12H	27.3	27.8	28.0	28.6	29.6	25.6	26.1	26.4	26.9	27.9
X=12H Y=4H	23.9	24.6	24.7	25.4	26.3	22.9	23.6	23.7	24.4	25.3
6H	25.5	26.1	26.3	26.9	27.9	24.4	25.0	25.1	25.7	26.7
8H	26.4	27.0	27.2	27.8	28.7	25.1	25.7	25.9	26.5	27.4

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 = 1.50									
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	0.48	0.55	0.62	0.67	0.74	0.79	0.83	0.88	0.91	
	0.30		0.40	0.47	0.54	0.59	0.67	0.73	0.77	0.83	0.87	
	0.20		0.34	0.41	0.48	0.53	0.61	0.67	0.72	0.78	0.83	
0.50	0.50	0.20	0.44	0.51	0.57	0.61	0.68	0.72	0.76	0.80	0.83	
	0.30		0.37	0.44	0.50	0.55	0.62	0.67	0.71	0.76	0.79	
	0.20		0.32	0.39	0.45	0.50	0.57	0.62	0.66	0.72	0.76	
0.30	0.50	0.20	0.41	0.47	0.52	0.56	0.62	0.66	0.69	0.73	0.75	
	0.30		0.35	0.41	0.47	0.51	0.57	0.61	0.65	0.69	0.73	
	0.20		0.30	0.36	0.42	0.46	0.53	0.58	0.61	0.66	0.70	
0.00	0.00	0.00	0.26	0.31	0.36	0.40	0.46	0.50	0.53	0.57	0.60	
Rating:5W 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 = 1.50								
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	1.01	0.88	0.77	0.68	0.56	0.48	0.42	0.34	0.28
	0.30		0.85	0.75	0.67	0.60	0.51	0.44	0.39	0.32	0.27
	0.20		0.73	0.66	0.59	0.54	0.46	0.41	0.36	0.30	0.26
0.50	0.50	0.20	0.93	0.81	0.70	0.63	0.52	0.47	0.39	0.31	0.26
	0.30		0.79	0.70	0.62	0.56	0.47	0.41	0.36	0.30	0.25
	0.20		0.69	0.62	0.56	0.51	0.44	0.38	0.34	0.28	0.24
0.30	0.50	0.20	0.86	0.75	0.65	0.58	0.48	0.41	0.36	0.29	0.24
	0.30		0.74	0.66	0.58	0.52	0.44	0.38	0.34	0.28	0.24
	0.20		0.65	0.59	0.53	0.48	0.41	0.36	0.32	0.27	0.23
0.00	0.00	0.00	0.52	0.47	0.42	0.38	0.33	0.29	0.26	0.21	0.18
Rating:5W 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 = 1.50									
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	0.37	0.39	0.40	0.40	0.41	0.42	0.42	0.42	0.43	
	0.30		0.30	0.32	0.33	0.34	0.36	0.37	0.37	0.39	0.39	
	0.20		0.25	0.27	0.28	0.29	0.31	0.32	0.33	0.35	0.36	
0.50	0.50	0.20	0.36	0.38	0.38	0.39	0.40	0.40	0.40	0.41	0.41	
	0.30		0.30	0.31	0.32	0.33	0.35	0.35	0.36	0.37	0.38	
	0.20		0.25	0.26	0.28	0.29	0.30	0.32	0.33	0.34	0.35	
0.30	0.50	0.20	0.35	0.36	0.37	0.37	0.38	0.38	0.39	0.39	0.39	
	0.30		0.29	0.31	0.32	0.32	0.34	0.34	0.35	0.36	0.37	
	0.20		0.25	0.26	0.27	0.28	0.30	0.31	0.32	0.33	0.34	
0.00	0.00	0.00	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	
Rating:5W 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	44.4	0.0	0.0	0.02	0.02
1.0-2.0	44.4	0.1	0.2	0.06	0.08
2.0-3.0	44.4	0.2	0.4	0.10	0.17
3.0-4.0	44.3	0.3	0.7	0.13	0.31
4.0-5.0	44.3	0.4	1.1	0.17	0.48
5.0-6.0	44.2	0.5	1.5	0.21	0.69
6.0-7.0	44.1	0.5	2.1	0.25	0.94
7.0-8.0	44.0	0.6	2.7	0.28	1.22
8.0-9.0	43.9	0.7	3.4	0.32	1.54
9.0-10.0	43.8	0.8	4.2	0.36	1.90
10.0-11.0	43.7	0.9	5.1	0.39	2.30
11.0-12.0	43.5	1.0	6.0	0.43	2.73
12.0-13.0	43.4	1.0	7.1	0.47	3.19
13.0-14.0	43.2	1.1	8.2	0.50	3.69
14.0-15.0	43.0	1.2	9.4	0.53	4.22
15.0-16.0	42.8	1.3	10.6	0.57	4.79
16.0-17.0	42.6	1.3	11.9	0.60	5.39
17.0-18.0	42.4	1.4	13.3	0.63	6.02
18.0-19.0	42.2	1.5	14.8	0.66	6.69
19.0-20.0	42.0	1.5	16.3	0.69	7.38
20.0-21.0	41.7	1.6	17.9	0.72	8.10
21.0-22.0	41.4	1.7	19.6	0.75	8.85
22.0-23.0	41.1	1.7	21.3	0.78	9.63
23.0-24.0	40.9	1.8	23.1	0.81	10.44
24.0-25.0	40.6	1.8	25.0	0.83	11.28
25.0-26.0	40.3	1.9	26.9	0.86	12.14
26.0-27.0	40.0	2.0	28.8	0.88	13.02
27.0-28.0	39.7	2.0	30.8	0.91	13.93
28.0-29.0	39.4	2.1	32.9	0.93	14.86
29.0-30.0	39.0	2.1	35.0	0.95	15.81
30.0-31.0	38.7	2.2	37.2	0.97	16.78
31.0-32.0	38.3	2.2	39.4	0.99	17.77
32.0-33.0	38.0	2.2	41.6	1.01	18.78
33.0-34.0	37.6	2.3	43.9	1.03	19.81
34.0-35.0	37.3	2.3	46.2	1.05	20.86
35.0-36.0	36.9	2.4	48.5	1.06	21.92

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	36.6	2.4	50.9	1.08	23.00
37.0-38.0	36.2	2.4	53.3	1.09	24.09
38.0-39.0	35.8	2.4	55.8	1.10	25.19
39.0-40.0	35.4	2.5	58.2	1.12	26.31
40.0-41.0	35.1	2.5	60.7	1.13	27.43
41.0-42.0	34.7	2.5	63.3	1.14	28.57
42.0-43.0	34.3	2.5	65.8	1.15	29.72
43.0-44.0	33.9	2.6	68.4	1.16	30.88
44.0-45.0	33.5	2.6	70.9	1.16	32.04
45.0-46.0	33.1	2.6	73.5	1.17	33.21
46.0-47.0	32.7	2.6	76.1	1.17	34.39
47.0-48.0	32.2	2.6	78.7	1.18	35.56
48.0-49.0	31.8	2.6	81.4	1.18	36.74
49.0-50.0	31.4	2.6	84.0	1.18	37.93
50.0-51.0	31.0	2.6	86.6	1.18	39.11
51.0-52.0	30.6	2.6	89.2	1.18	40.30
52.0-53.0	30.1	2.6	91.8	1.18	41.48
53.0-54.0	29.7	2.6	94.5	1.18	42.66
54.0-55.0	29.3	2.6	97.1	1.18	43.84
55.0-56.0	28.8	2.6	99.7	1.18	45.02
56.0-57.0	28.4	2.6	102.3	1.17	46.19
57.0-58.0	28.0	2.6	104.9	1.17	47.36
58.0-59.0	27.6	2.6	107.4	1.16	48.53
59.0-60.0	27.1	2.6	110.0	1.16	49.68
60.0-61.0	26.7	2.5	112.6	1.15	50.84
61.0-62.0	26.3	2.5	115.1	1.14	51.98
62.0-63.0	25.8	2.5	117.6	1.13	53.11
63.0-64.0	25.4	2.5	120.1	1.13	54.24
64.0-65.0	24.9	2.5	122.6	1.12	55.35
65.0-66.0	24.5	2.4	125.0	1.11	56.46
66.0-67.0	24.1	2.4	127.4	1.09	57.56
67.0-68.0	23.6	2.4	129.8	1.08	58.64
68.0-69.0	23.2	2.4	132.2	1.07	59.71
69.0-70.0	22.7	2.3	134.5	1.05	60.76
70.0-71.0	22.3	2.3	136.8	1.04	61.80
71.0-72.0	21.8	2.3	139.1	1.03	62.83

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	21.4	2.2	141.3	1.01	63.84
73.0-74.0	21.0	2.2	143.5	1.00	64.83
74.0-75.0	20.5	2.2	145.7	0.98	65.81
75.0-76.0	20.1	2.1	147.9	0.96	66.78
76.0-77.0	19.7	2.1	149.9	0.95	67.72
77.0-78.0	19.2	2.1	152.0	0.93	68.65
78.0-79.0	18.8	2.0	154.0	0.91	69.57
79.0-80.0	18.4	2.0	156.0	0.90	70.46
80.0-81.0	18.0	1.9	158.0	0.88	71.34
81.0-82.0	17.6	1.9	159.9	0.86	72.20
82.0-83.0	17.2	1.9	161.7	0.84	73.05
83.0-84.0	16.7	1.8	163.6	0.82	73.87
84.0-85.0	16.4	1.8	165.3	0.81	74.68
85.0-86.0	16.0	1.7	167.1	0.79	75.47
86.0-87.0	15.6	1.7	168.8	0.77	76.23
87.0-88.0	15.2	1.7	170.5	0.75	76.99
88.0-89.0	14.9	1.6	172.1	0.74	77.72
89.0-90.0	14.5	1.6	173.7	0.72	78.44
90.0-91.0	14.2	1.6	175.2	0.71	79.15
91.0-92.0	14.0	1.5	176.8	0.69	79.84
92.0-93.0	13.7	1.5	178.3	0.68	80.52
93.0-94.0	13.4	1.5	179.7	0.66	81.18
94.0-95.0	13.2	1.4	181.2	0.65	81.83
95.0-96.0	12.9	1.4	182.6	0.64	82.47
96.0-97.0	12.6	1.4	184.0	0.62	83.09
97.0-98.0	12.4	1.3	185.3	0.61	83.70
98.0-99.0	12.1	1.3	186.6	0.59	84.29
99.0-100.0	11.9	1.3	187.9	0.58	84.87
100.0-101.0	11.6	1.3	189.2	0.57	85.44
101.0-102.0	11.4	1.2	190.4	0.55	85.99
102.0-103.0	11.2	1.2	191.6	0.54	86.53
103.0-104.0	11.0	1.2	192.8	0.53	87.06
104.0-105.0	10.7	1.1	193.9	0.52	87.57
105.0-106.0	10.5	1.1	195.0	0.50	88.08
106.0-107.0	10.3	1.1	196.1	0.49	88.57
107.0-108.0	10.1	1.1	197.2	0.48	89.04

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	9.9	1.0	198.2	0.46	89.51
109.0-110.0	9.7	1.0	199.2	0.45	89.96
110.0-111.0	9.5	1.0	200.2	0.44	90.40
111.0-112.0	9.3	1.0	201.1	0.43	90.84
112.0-113.0	9.2	0.9	202.1	0.42	91.25
113.0-114.0	9.0	0.9	203.0	0.41	91.66
114.0-115.0	8.8	0.9	203.8	0.40	92.06
115.0-116.0	8.6	0.9	204.7	0.39	92.45
116.0-117.0	8.5	0.8	205.5	0.38	92.82
117.0-118.0	8.3	0.8	206.3	0.37	93.19
118.0-119.0	8.2	0.8	207.1	0.36	93.54
119.0-120.0	8.0	0.8	207.9	0.35	93.89
120.0-121.0	7.8	0.7	208.6	0.33	94.22
121.0-122.0	7.7	0.7	209.3	0.33	94.55
122.0-123.0	7.5	0.7	210.0	0.31	94.86
123.0-124.0	7.3	0.7	210.7	0.30	95.17
124.0-125.0	7.2	0.6	211.4	0.29	95.46
125.0-126.0	7.0	0.6	212.0	0.28	95.74
126.0-127.0	6.8	0.6	212.6	0.27	96.01
127.0-128.0	6.6	0.6	213.2	0.26	96.27
128.0-129.0	6.4	0.6	213.7	0.25	96.52
129.0-130.0	6.2	0.5	214.2	0.24	96.76
130.0-131.0	6.0	0.5	214.7	0.23	96.99
131.0-132.0	5.8	0.5	215.2	0.22	97.21
132.0-133.0	5.7	0.5	215.7	0.21	97.41
133.0-134.0	5.5	0.4	216.1	0.20	97.61
134.0-135.0	5.3	0.4	216.5	0.19	97.80
135.0-136.0	5.1	0.4	216.9	0.18	97.97
136.0-137.0	5.0	0.4	217.3	0.17	98.14
137.0-138.0	4.8	0.4	217.7	0.16	98.30
138.0-139.0	4.6	0.3	218.0	0.15	98.45
139.0-140.0	4.4	0.3	218.3	0.14	98.60
140.0-141.0	4.3	0.3	218.6	0.13	98.73
141.0-142.0	4.1	0.3	218.9	0.13	98.86
142.0-143.0	3.9	0.3	219.1	0.12	98.98
143.0-144.0	3.7	0.2	219.4	0.11	99.08

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	3.4	0.2	219.6	0.10	99.18
145.0-146.0	3.2	0.2	219.8	0.09	99.27
146.0-147.0	3.0	0.2	220.0	0.08	99.35
147.0-148.0	2.7	0.2	220.1	0.07	99.43
148.0-149.0	2.5	0.1	220.3	0.07	99.49
149.0-150.0	2.3	0.1	220.4	0.06	99.55
150.0-151.0	2.1	0.1	220.5	0.05	99.60
151.0-152.0	1.9	0.1	220.6	0.05	99.65
152.0-153.0	1.8	0.1	220.7	0.04	99.69
153.0-154.0	1.7	0.1	220.8	0.04	99.72
154.0-155.0	1.6	0.1	220.9	0.03	99.76
155.0-156.0	1.5	0.1	220.9	0.03	99.79
156.0-157.0	1.4	0.1	221.0	0.03	99.82
157.0-158.0	1.3	0.1	221.1	0.03	99.84
158.0-159.0	1.3	0.1	221.1	0.02	99.87
159.0-160.0	1.2	0.0	221.2	0.02	99.89
160.0-161.0	1.1	0.0	221.2	0.02	99.90
161.0-162.0	1.0	0.0	221.2	0.02	99.92
162.0-163.0	0.9	0.0	221.3	0.01	99.93
163.0-164.0	0.8	0.0	221.3	0.01	99.94
164.0-165.0	0.7	0.0	221.3	0.01	99.95
165.0-166.0	0.6	0.0	221.3	0.01	99.96
166.0-167.0	0.6	0.0	221.3	0.01	99.97
167.0-168.0	0.5	0.0	221.4	0.01	99.97
168.0-169.0	0.5	0.0	221.4	0.00	99.98
169.0-170.0	0.5	0.0	221.4	0.00	99.98
170.0-171.0	0.4	0.0	221.4	0.00	99.99
171.0-172.0	0.4	0.0	221.4	0.00	99.99
172.0-173.0	0.4	0.0	221.4	0.00	99.99
173.0-174.0	0.4	0.0	221.4	0.00	99.99
174.0-175.0	0.4	0.0	221.4	0.00	100.00
175.0-176.0	0.4	0.0	221.4	0.00	100.00
176.0-177.0	0.4	0.0	221.4	0.00	100.00
177.0-178.0	0.4	0.0	221.4	0.00	100.00
178.0-179.0	0.4	0.0	221.4	0.00	100.00
179.0-180.0	0.4	0.0	221.4	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: