

Report No.:

Test Time: 2023/10/7 14:56

## Luminaire Property

Luminaire Manufacturer: Acolyte

Luminaire Category: TRINODE RGB2700K-1W-UCS8904- White only

Luminaire Description: MILKY DOME IP67

Lamp Catalog: NODE

Lamp Description: 3 nodes WHITE

Luminous Length (mm): 250

Luminous Width (mm): 60

Luminous Height (mm): 30

Voltage: 24.0 V

Current: 0.083 A

Power: 2.00 W

Power Factor: 1.000

## Photometric Results

CIE Class: Semi-Direct

Measurement Flux: 24 lm

Downward Ratio: 67%

Horizontal Diffuse Angle(10%,50%): H189.1,H155.5

Vertical Diffuse Angle(10%,50%): V341.2,V249.7

Luminaire Efficacy Rating (LER): 12

Max. Intensity: 2.98 cd

Total Rated Lamp Lumens: 24.0 lm

Efficiency: 100%

Upward Ratio: 33%

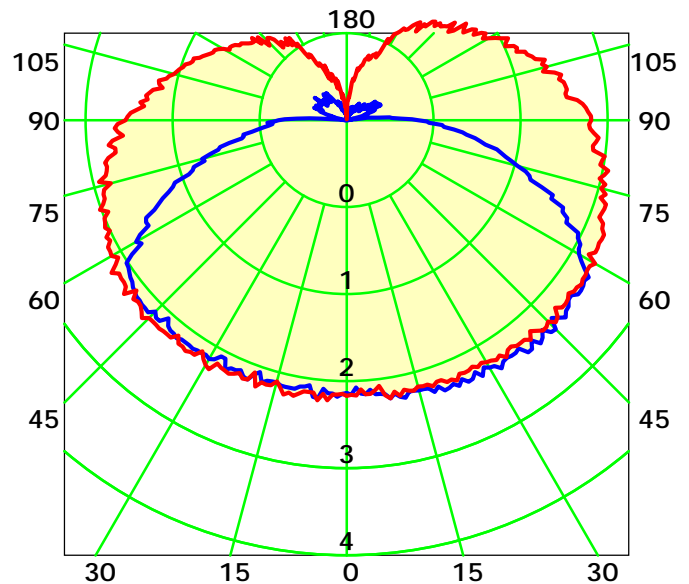
Central Intensity: 2.71 cd

Pos of Max. Intensity: H30 V45

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 202.6° Unit: cd

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0: 1.0

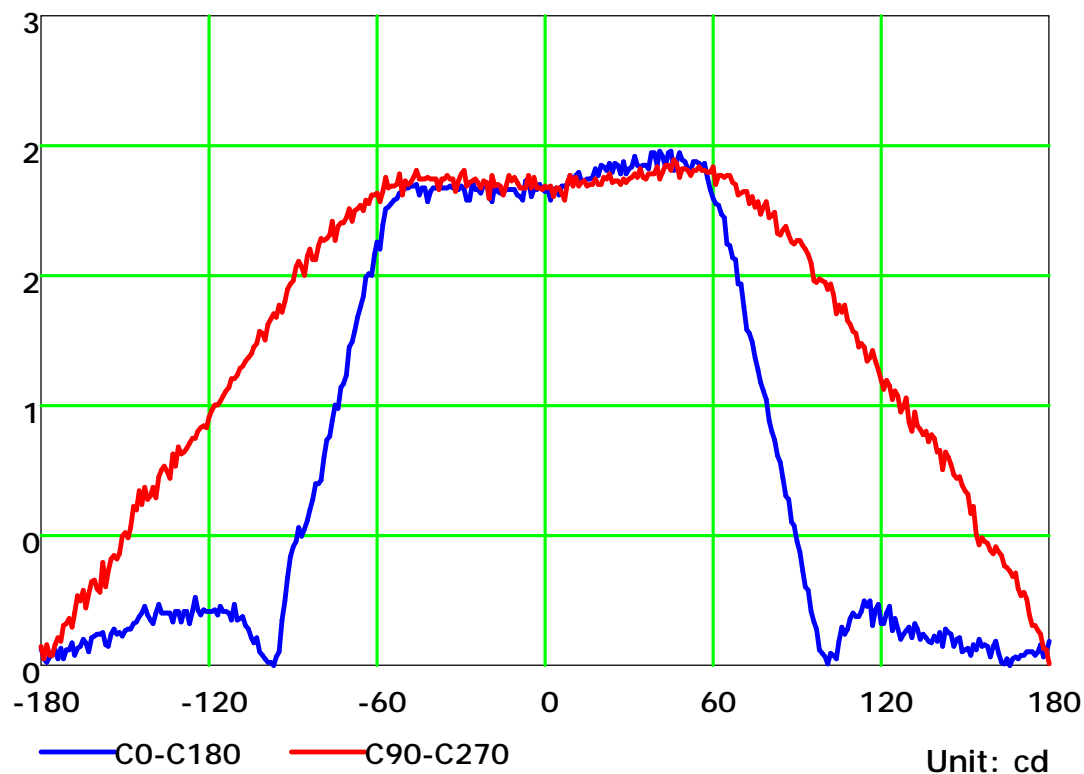
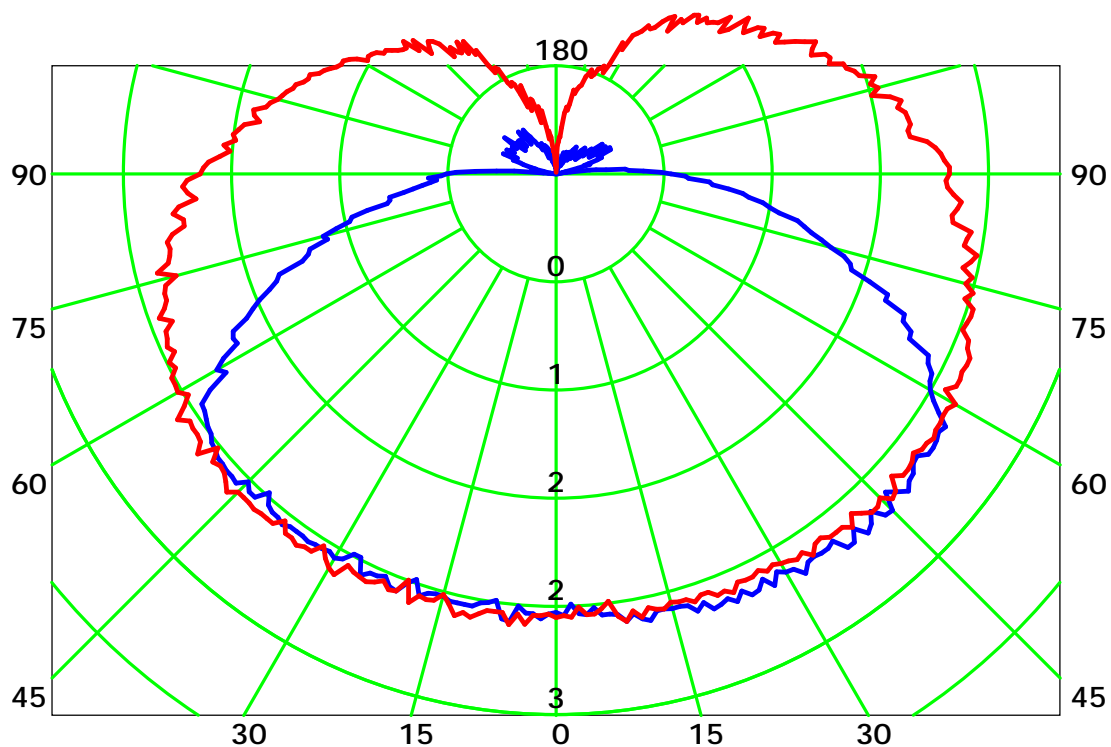
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

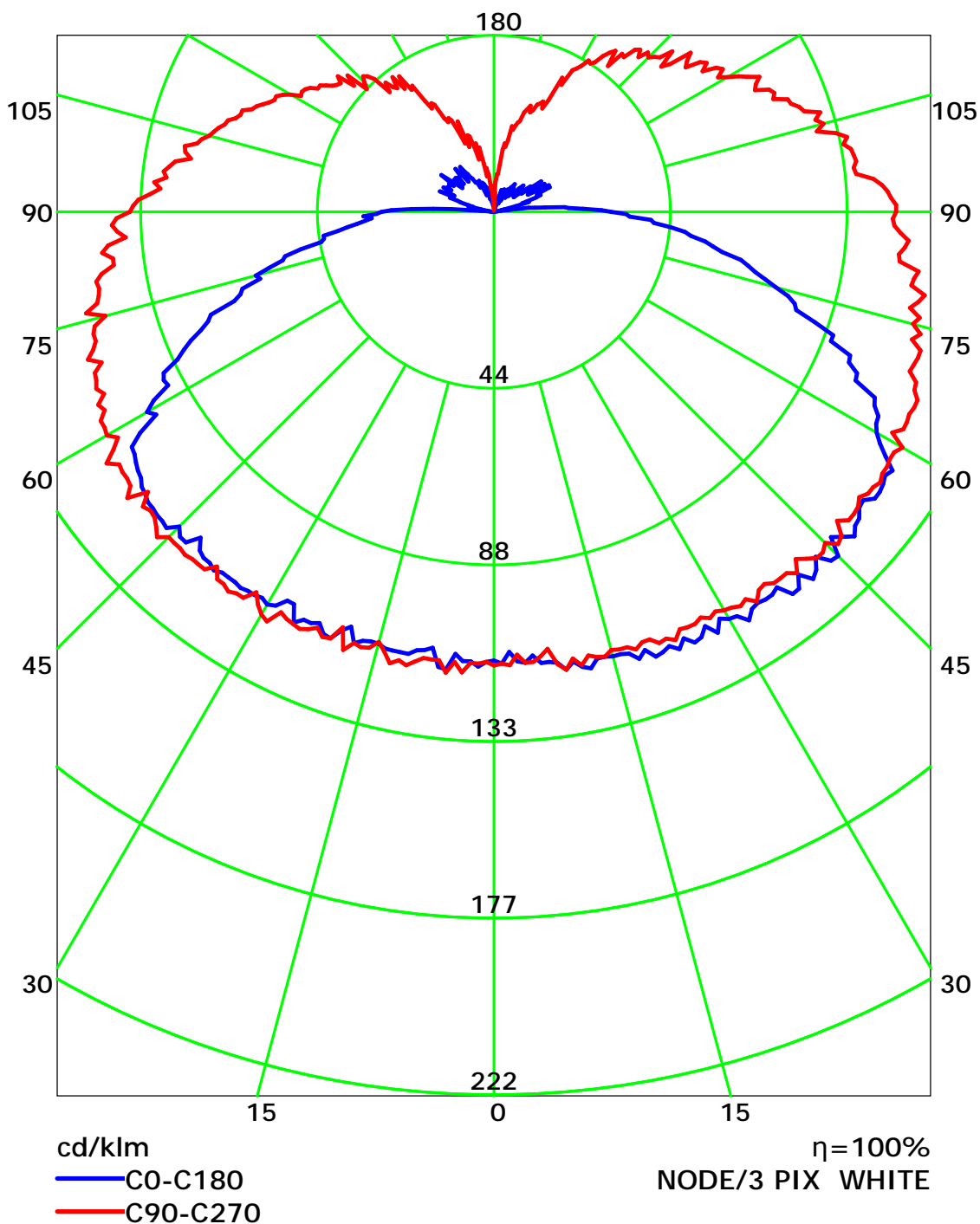
## Luminous Intensity Distribution Curve



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

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: Nick

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

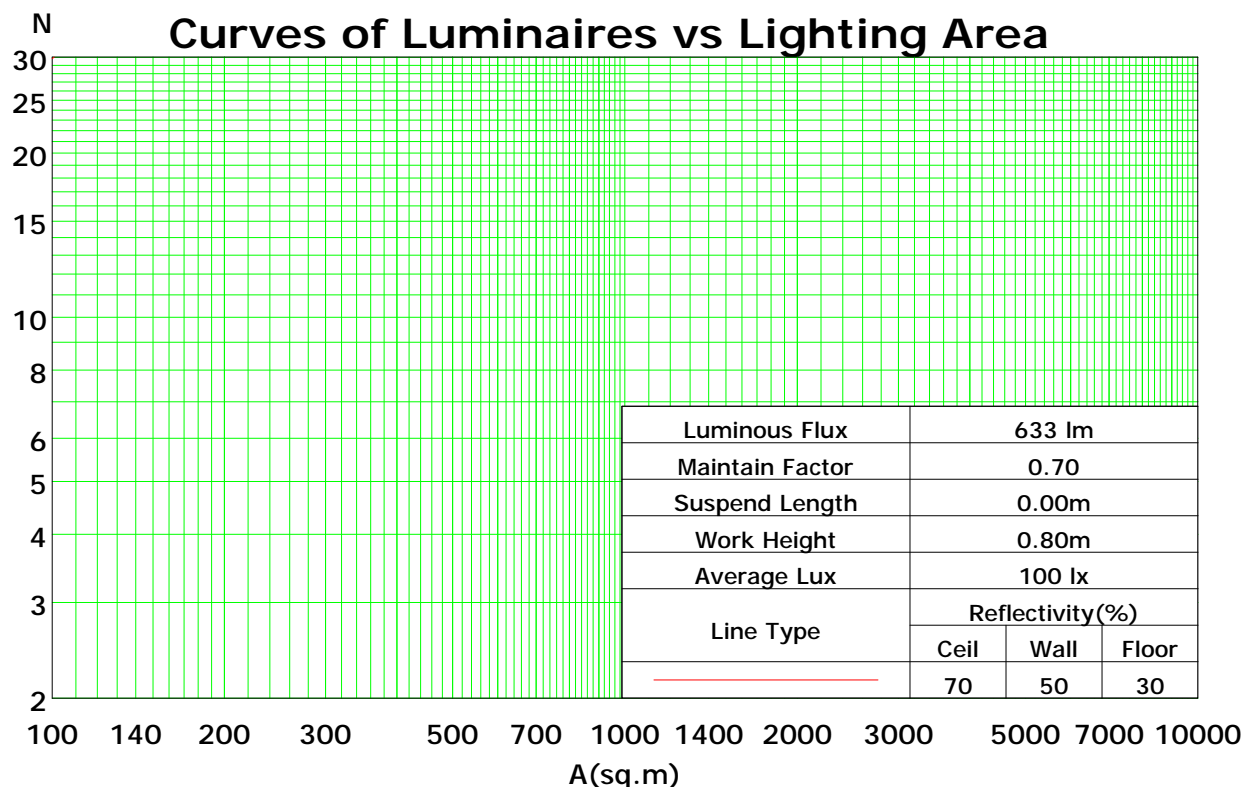
## Coefficients Of Utilization - Zonal Cavity Method

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	111	111	111	111	105	105	105	105	93	93	93	82	82	82	72	72	72	67
1	97	90	85	79	91	85	80	75	75	70	67	65	62	59	56	54	51	47
2	86	76	68	61	80	72	64	58	63	57	51	54	50	45	47	43	40	36
3	78	66	56	49	72	61	53	46	54	47	41	47	41	36	40	35	32	28
4	70	57	47	40	65	54	45	38	47	40	34	41	35	30	35	30	26	23
5	64	50	41	33	60	47	38	32	41	34	28	36	30	25	31	26	22	19
6	59	45	35	28	55	42	33	27	37	30	24	32	26	21	28	23	19	16
7	54	40	31	24	51	38	29	23	33	26	21	29	23	19	25	20	16	14
8	50	36	27	21	47	34	26	20	30	23	18	26	21	16	23	18	14	12
9	47	33	25	19	44	31	23	18	28	21	16	24	18	14	21	16	13	10
10	44	30	22	17	41	28	21	16	25	19	14	22	17	13	19	15	11	9

Spacing Criteria (0-180): 1.59

Spacing Criteria (90-270): 1.55

Spacing Criteria (Diagonal): 1.78



C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0: 1.0

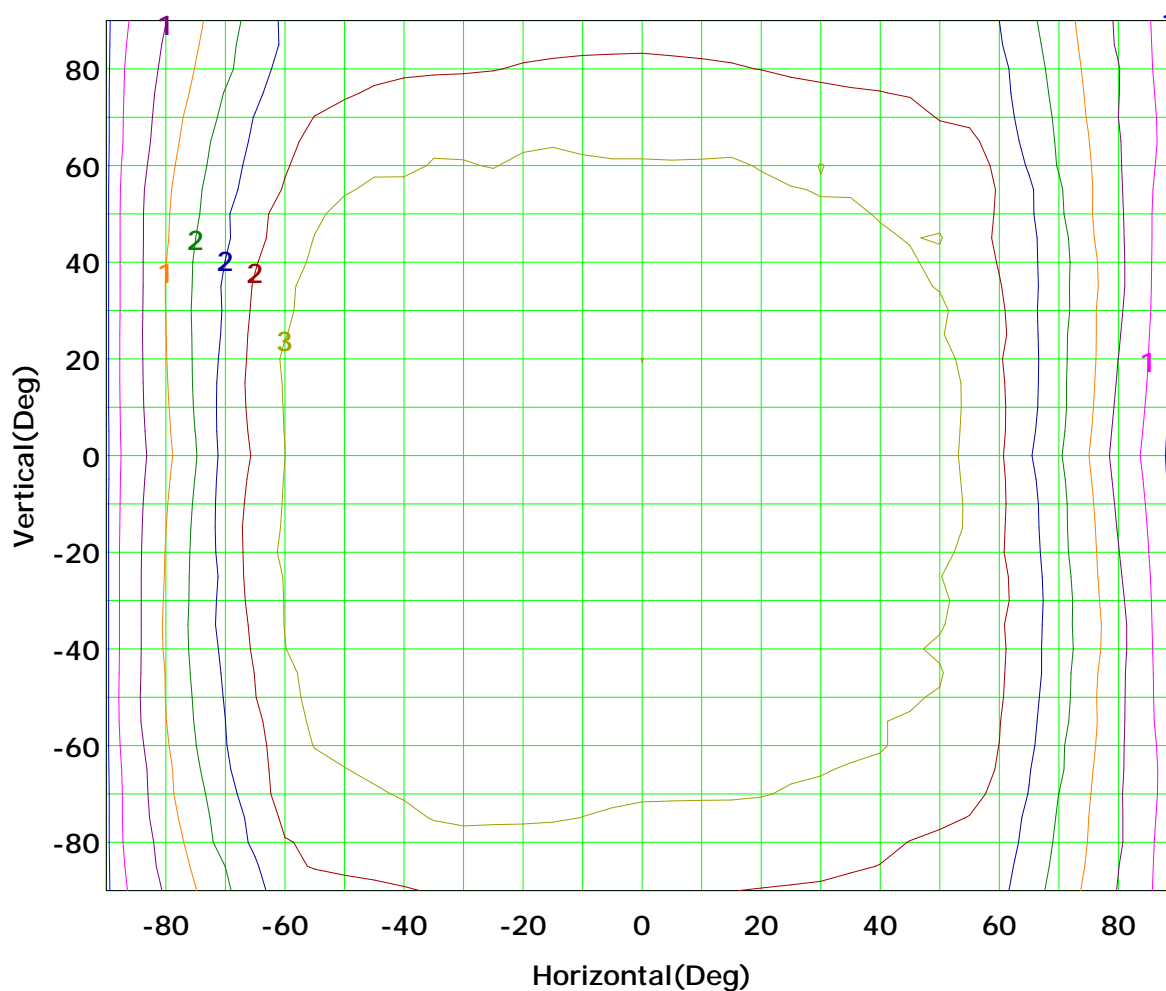
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

## Isocandela (rectangle)



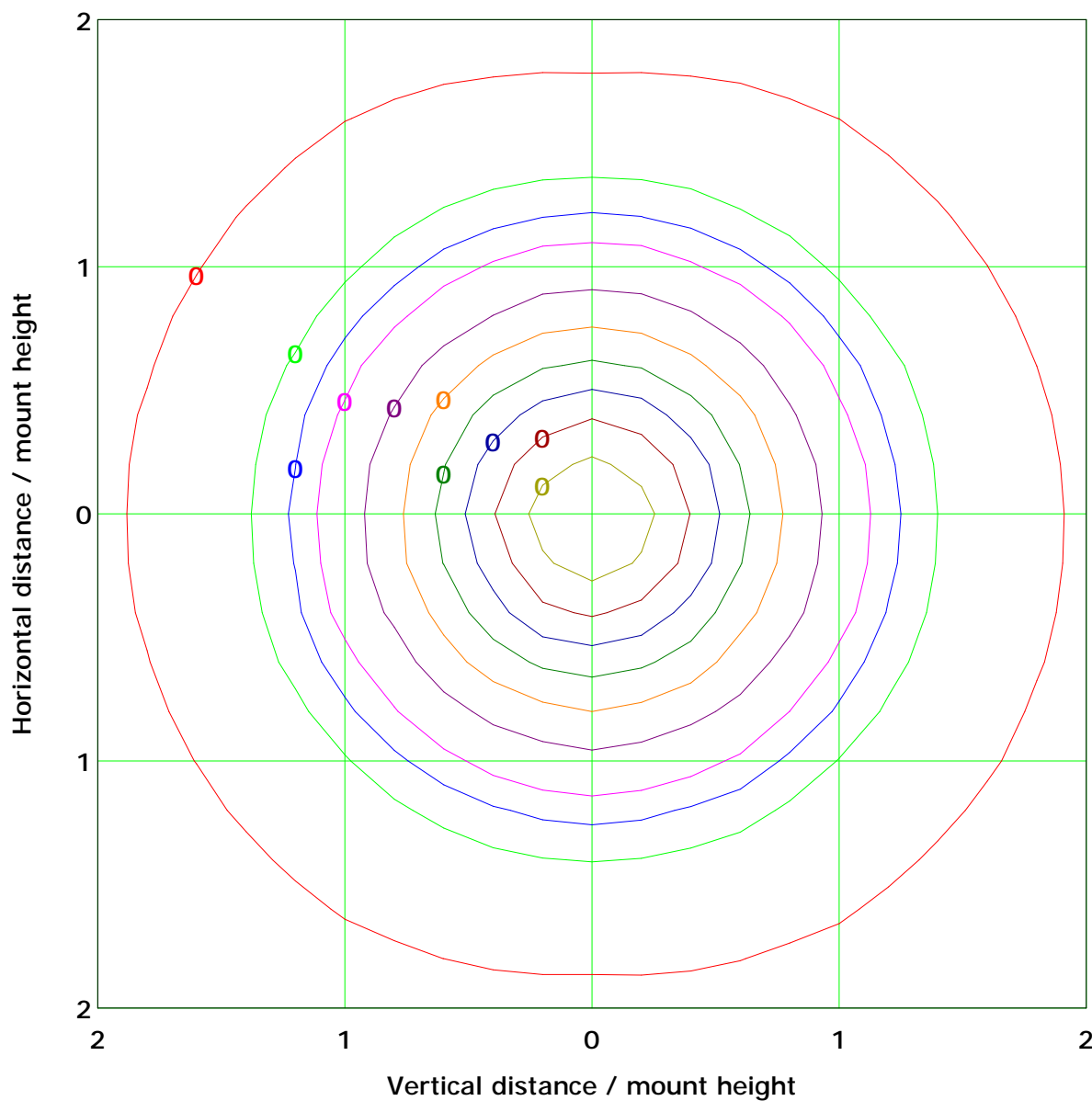
I<sub>max</sub> (100%): 3 cd

( 10%):	0 cd	( 20%):	1 cd
( 25%):	1 cd	( 30%):	1 cd
( 40%):	1 cd	( 50%):	1 cd
( 60%):	2 cd	( 70%):	2 cd
( 80%):	2 cd	( 90%):	3 cd

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

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%): 0.1 lx

( 10%): 0.0 lx	( 20%): 0.0 lx
( 25%): 0.0 lx	( 30%): 0.0 lx
( 40%): 0.0 lx	( 50%): 0.1 lx
( 60%): 0.1 lx	( 70%): 0.1 lx
( 80%): 0.1 lx	( 90%): 0.1 lx

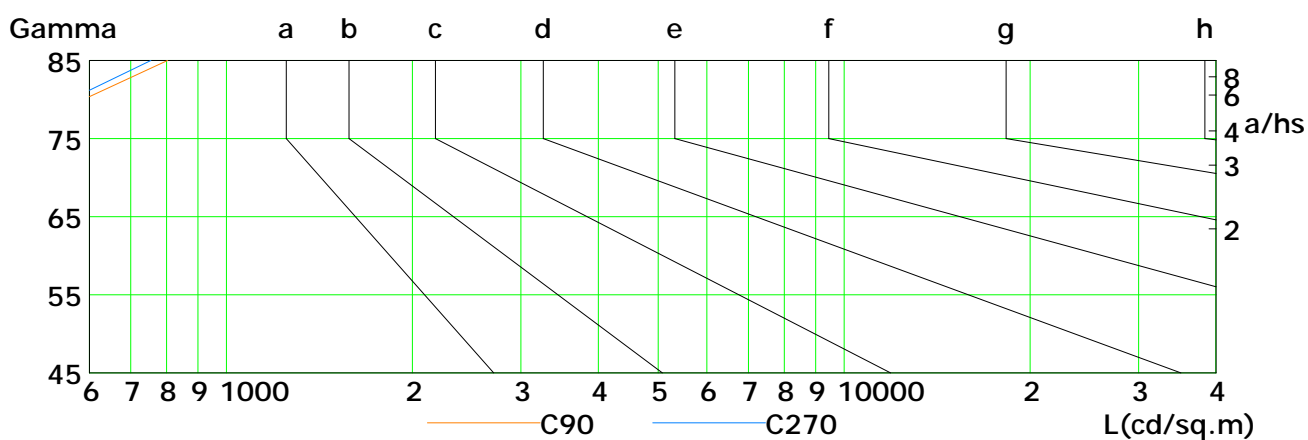
C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Nick

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

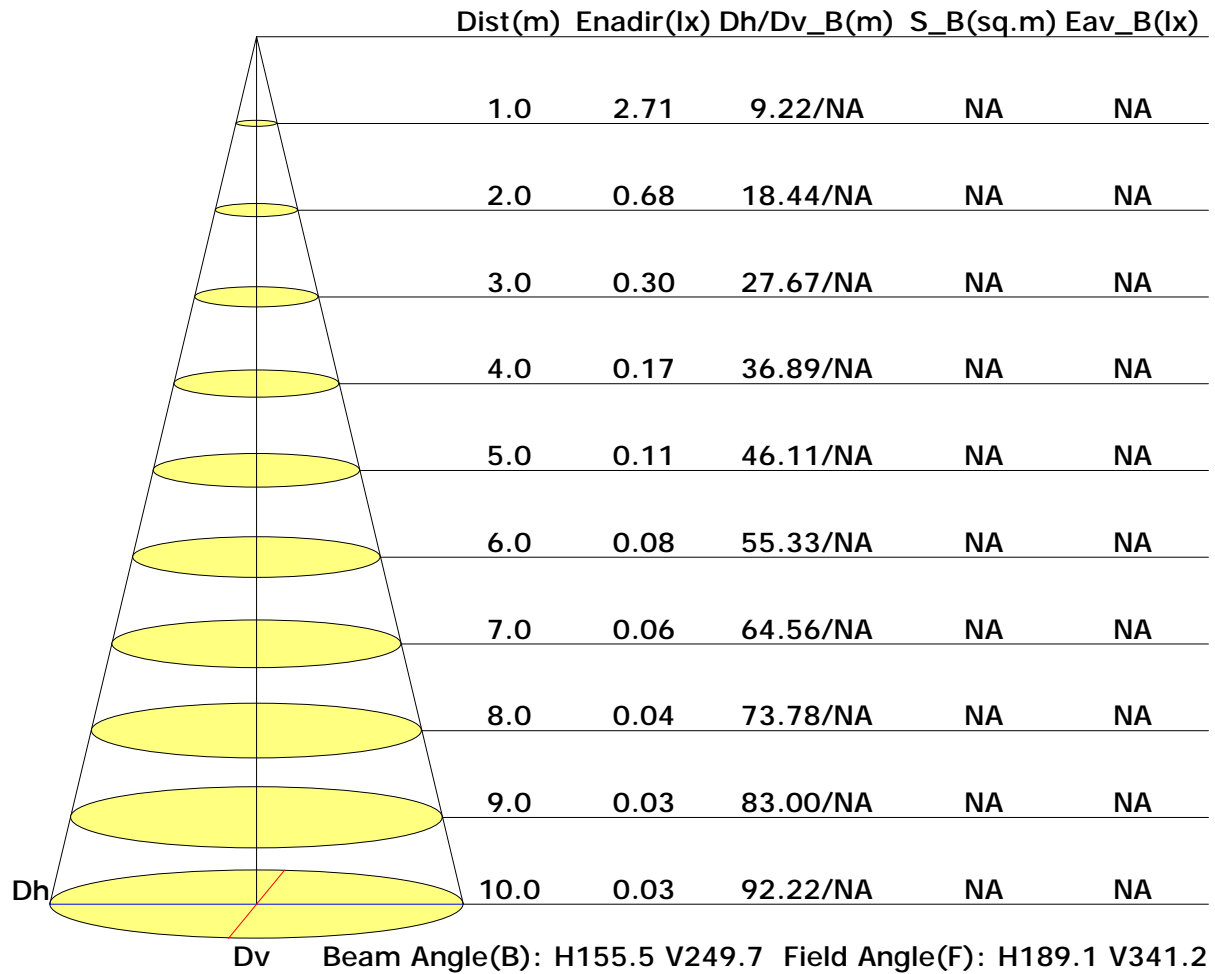


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	185	187	195	191	183	179	158	140	122
C90	238	258	283	315	351	396	466	585	803
C180	169	177	179	173	161	149	134	106	95
C270	234	251	272	298	326	383	432	557	755

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

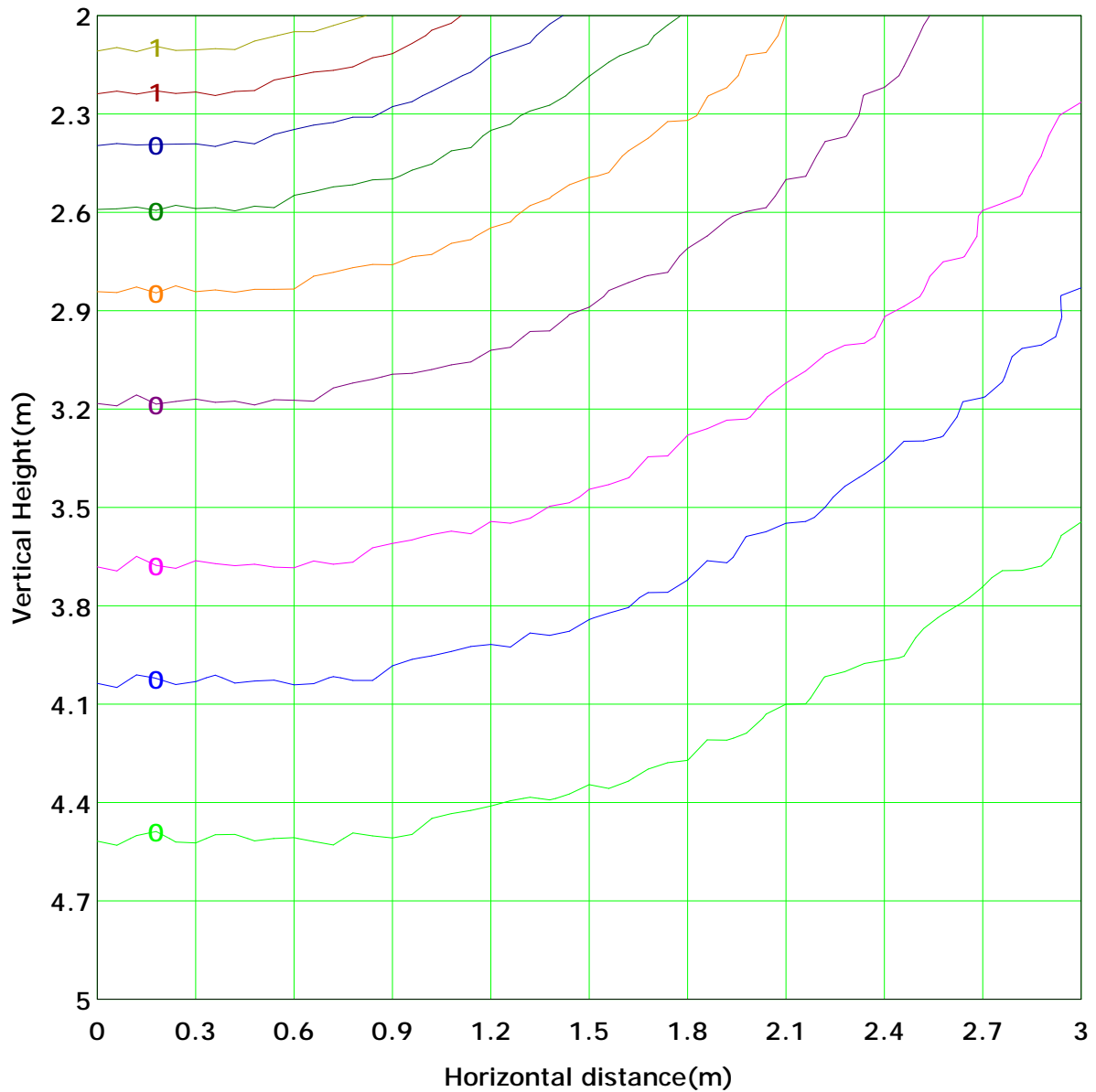
Gamma Plane (°):0.0-180.0: 1.0  
Test Device: GPM-1800B  
Distance: 9.028 m  
Humidity: 60%  
Inspector:

## Illuminance at a Distance





## Vertical IsoLux Plot



Lowest(m): 2.0m	Highest(m): 5.0m	Max Lux: 0.7 lx
( 10%): 0.1 lx	( 20%): 0.1 lx	( 30%): 0.2 lx
( 25%): 0.2 lx	( 50%): 0.3 lx	( 70%): 0.5 lx
( 40%): 0.3 lx	( 90%): 0.6 lx	
( 60%): 0.4 lx		
( 80%): 0.5 lx		

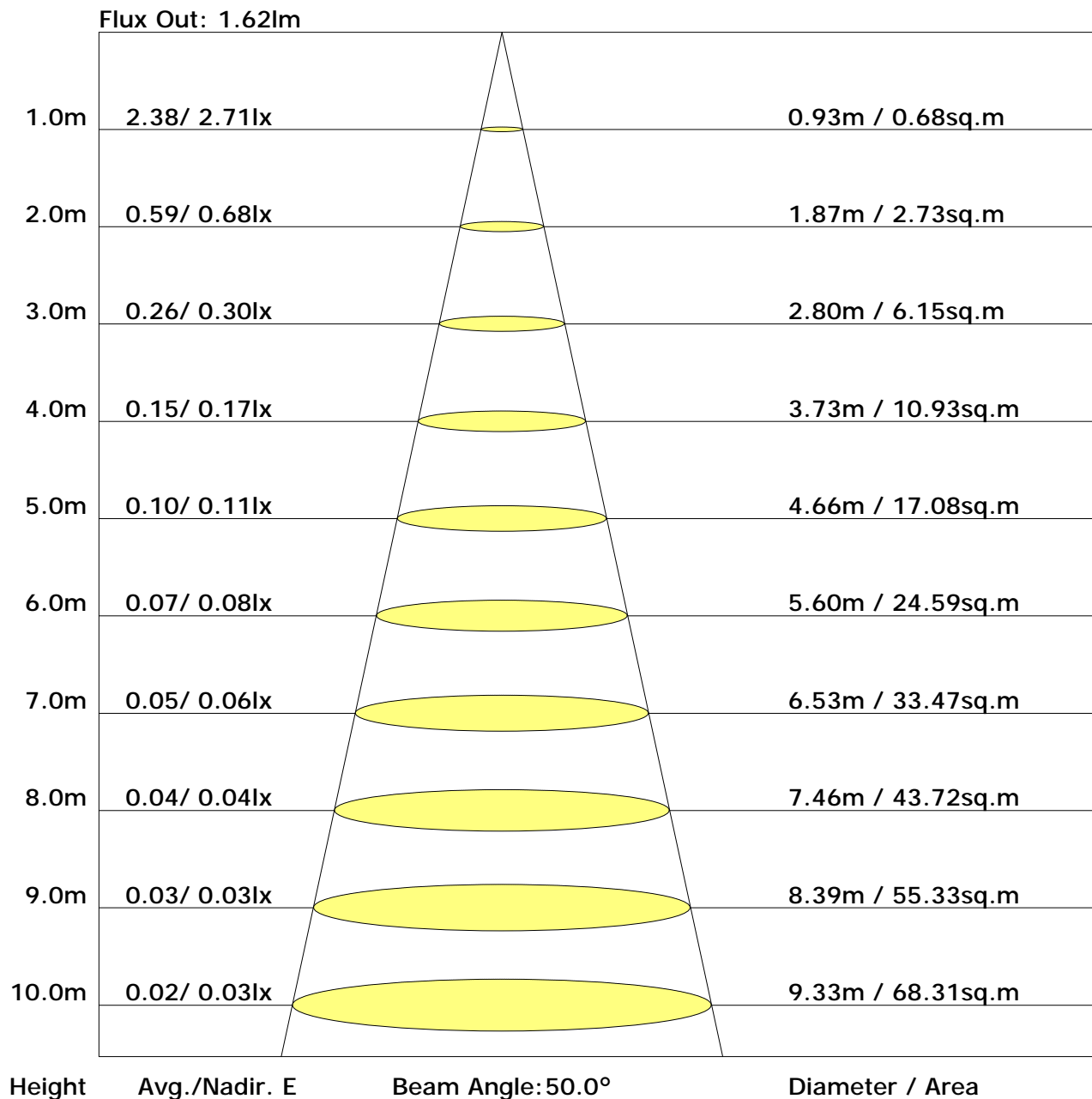
C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Nick

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: Nick

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	18.0	19.2	18.7	20.0	21.0	17.1	18.3	17.9	19.1	20.1
3H	20.7	21.8	21.4	22.6	23.6	20.0	21.1	20.8	21.9	22.9
4H	21.8	22.9	22.6	23.7	24.8	21.4	22.5	22.2	23.3	24.3
6H	22.9	23.9	23.7	24.7	25.8	22.8	23.8	23.6	24.6	25.7
8H	23.3	24.3	24.2	25.2	26.2	23.5	24.4	24.3	25.3	26.3
12H	23.8	24.7	24.6	25.5	26.6	24.1	25.1	25.0	25.9	27.0
X=4H Y=2H	18.7	19.8	19.5	20.6	21.6	18.1	19.1	18.9	20.0	21.0
3H	21.7	22.7	22.5	23.5	24.6	21.2	22.1	22.0	23.0	24.0
4H	23.1	24.0	23.9	24.8	25.9	22.7	23.6	23.6	24.5	25.5
6H	24.4	25.1	25.2	26.0	27.1	24.3	25.1	25.1	25.9	27.0
8H	24.9	25.7	25.8	26.5	27.6	25.1	25.8	25.9	26.7	27.7
12H	25.5	26.1	26.3	27.0	28.1	25.8	26.5	26.7	27.4	28.5
X=8H Y=4H	23.7	24.4	24.5	25.3	26.4	23.4	24.1	24.2	25.0	26.1
6H	25.2	25.9	26.1	26.8	27.9	25.2	25.8	26.0	26.7	27.8
8H	26.0	26.6	26.9	27.5	28.6	26.1	26.7	27.0	27.6	28.7
12H	26.8	27.3	27.6	28.2	29.3	27.0	27.5	27.9	28.4	29.6
X=12H Y=4H	23.8	24.5	24.7	25.4	26.5	23.6	24.2	24.4	25.1	26.2
6H	25.5	26.1	26.4	27.0	28.1	25.4	26.0	26.3	26.9	28.0
8H	26.4	26.9	27.3	27.8	28.9	26.4	26.9	27.3	27.8	29.0

Calculate in accordance with CIE 190:2010

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

 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	0.50	0.57	0.61	0.69	0.74	0.77	0.82	0.86
	0.30		NA	0.42	0.48	0.53	0.61	0.67	0.71	0.77	0.81
	0.20		NA	0.35	0.42	0.47	0.55	0.61	0.65	0.72	0.76
0.50	0.50	0.20	NA	0.44	0.50	0.54	0.60	0.65	0.68	0.73	0.76
	0.30		NA	0.37	0.43	0.48	0.54	0.59	0.63	0.68	0.72
	0.20		NA	0.33	0.38	0.42	0.49	0.54	0.58	0.64	0.68
0.30	0.50	0.20	NA	0.39	0.44	0.47	0.53	0.57	0.59	0.63	0.66
	0.30		NA	0.33	0.38	0.42	0.48	0.52	0.55	0.60	0.63
	0.20		NA	0.29	0.34	0.38	0.44	0.48	0.52	0.57	0.60
0.00	0.00	0.00	NA	0.22	0.27	0.30	0.35	0.39	0.41	0.46	0.48
Rating: 2W 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	0.90	0.79	0.71	0.59	0.51	0.44	0.36	0.30
	0.30		NA	0.77	0.69	0.63	0.53	0.46	0.41	0.34	0.29
	0.20		NA	0.67	0.61	0.56	0.49	0.43	0.38	0.32	0.28
0.50	0.50	0.20	NA	0.81	0.71	0.64	0.53	0.48	0.40	0.33	0.28
	0.30		NA	0.70	0.63	0.57	0.49	0.42	0.38	0.31	0.27
	0.20		NA	0.62	0.56	0.52	0.45	0.40	0.36	0.30	0.26
0.30	0.50	0.20	NA	0.73	0.64	0.58	0.48	0.42	0.37	0.30	0.26
	0.30		NA	0.64	0.57	0.52	0.44	0.39	0.35	0.29	0.25
	0.20		NA	0.57	0.52	0.48	0.41	0.36	0.33	0.27	0.24
0.00	0.00	0.00	0.67	0.45	0.41	0.38	0.33	0.29	0.26	0.22	0.19
Rating: 2W 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	0.50	0.51	0.51	0.52	0.52	0.53	0.53	0.53
	0.30		NA	0.43	0.44	0.45	0.46	0.47	0.48	0.49	0.50
	0.20		NA	0.37	0.39	0.40	0.41	0.43	0.44	0.45	0.46
0.50	0.50	0.20	NA	0.48	0.49	0.49	0.50	0.50	0.51	0.51	0.51
	0.30		NA	0.42	0.43	0.44	0.45	0.46	0.46	0.47	0.48
	0.20		NA	0.37	0.38	0.39	0.40	0.42	0.42	0.44	0.45
0.30	0.50	0.20	NA	0.46	0.47	0.47	0.48	0.48	0.49	0.49	0.49
	0.30		NA	0.41	0.42	0.42	0.43	0.44	0.45	0.46	0.46
	0.20		NA	0.37	0.37	0.38	0.40	0.41	0.41	0.43	0.43
0.00	0.00	0.00	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
Rating: 2W 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	2.7	0.0	0.0	0.01	0.01
1.0-2.0	2.7	0.0	0.0	0.03	0.04
2.0-3.0	2.7	0.0	0.0	0.05	0.10
3.0-4.0	2.7	0.0	0.0	0.08	0.17
4.0-5.0	2.7	0.0	0.1	0.10	0.27
5.0-6.0	2.7	0.0	0.1	0.12	0.39
6.0-7.0	2.7	0.0	0.1	0.14	0.53
7.0-8.0	2.7	0.0	0.2	0.16	0.70
8.0-9.0	2.7	0.0	0.2	0.18	0.88
9.0-10.0	2.7	0.0	0.3	0.21	1.09
10.0-11.0	2.7	0.1	0.3	0.23	1.31
11.0-12.0	2.7	0.1	0.4	0.25	1.56
12.0-13.0	2.7	0.1	0.4	0.27	1.84
13.0-14.0	2.8	0.1	0.5	0.29	2.13
14.0-15.0	2.7	0.1	0.6	0.31	2.44
15.0-16.0	2.7	0.1	0.7	0.33	2.78
16.0-17.0	2.7	0.1	0.8	0.36	3.13
17.0-18.0	2.8	0.1	0.8	0.38	3.51
18.0-19.0	2.8	0.1	0.9	0.40	3.91
19.0-20.0	2.8	0.1	1.0	0.42	4.33
20.0-21.0	2.8	0.1	1.1	0.44	4.78
21.0-22.0	2.8	0.1	1.3	0.47	5.24
22.0-23.0	2.8	0.1	1.4	0.48	5.73
23.0-24.0	2.8	0.1	1.5	0.50	6.23
24.0-25.0	2.8	0.1	1.6	0.53	6.76
25.0-26.0	2.8	0.1	1.8	0.54	7.30
26.0-27.0	2.8	0.1	1.9	0.56	7.87
27.0-28.0	2.8	0.1	2.0	0.58	8.45
28.0-29.0	2.8	0.1	2.2	0.60	9.06
29.0-30.0	2.8	0.1	2.3	0.62	9.68
30.0-31.0	2.8	0.2	2.5	0.64	10.33
31.0-32.0	2.8	0.2	2.6	0.66	10.99
32.0-33.0	2.8	0.2	2.8	0.68	11.67
33.0-34.0	2.8	0.2	3.0	0.70	12.38
34.0-35.0	2.8	0.2	3.1	0.72	13.10
35.0-36.0	2.8	0.2	3.3	0.74	13.84

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

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	2.8	0.2	3.5	0.76	14.60
37.0-38.0	2.8	0.2	3.7	0.78	15.38
38.0-39.0	2.8	0.2	3.9	0.80	16.18
39.0-40.0	2.8	0.2	4.1	0.81	16.99
40.0-41.0	2.8	0.2	4.3	0.83	17.83
41.0-42.0	2.8	0.2	4.5	0.85	18.68
42.0-43.0	2.8	0.2	4.7	0.87	19.54
43.0-44.0	2.8	0.2	4.9	0.89	20.43
44.0-45.0	2.8	0.2	5.1	0.90	21.33
45.0-46.0	2.8	0.2	5.3	0.91	22.25
46.0-47.0	2.8	0.2	5.6	0.93	23.18
47.0-48.0	2.8	0.2	5.8	0.95	24.12
48.0-49.0	2.8	0.2	6.0	0.96	25.08
49.0-50.0	2.8	0.2	6.3	0.97	26.06
50.0-51.0	2.8	0.2	6.5	0.99	27.04
51.0-52.0	2.8	0.2	6.7	1.00	28.04
52.0-53.0	2.8	0.2	7.0	1.02	29.06
53.0-54.0	2.8	0.2	7.2	1.03	30.09
54.0-55.0	2.8	0.2	7.5	1.03	31.12
55.0-56.0	2.8	0.3	7.7	1.05	32.17
56.0-57.0	2.8	0.3	8.0	1.06	33.23
57.0-58.0	2.8	0.3	8.2	1.07	34.30
58.0-59.0	2.7	0.3	8.5	1.06	35.36
59.0-60.0	2.7	0.3	8.7	1.07	36.43
60.0-61.0	2.7	0.3	9.0	1.08	37.51
61.0-62.0	2.7	0.3	9.3	1.09	38.59
62.0-63.0	2.7	0.3	9.5	1.09	39.68
63.0-64.0	2.7	0.3	9.8	1.09	40.77
64.0-65.0	2.7	0.3	10.1	1.09	41.87
65.0-66.0	2.6	0.3	10.3	1.09	42.96
66.0-67.0	2.6	0.3	10.6	1.09	44.05
67.0-68.0	2.6	0.3	10.8	1.09	45.14
68.0-69.0	2.6	0.3	11.1	1.09	46.23
69.0-70.0	2.5	0.3	11.4	1.09	47.32
70.0-71.0	2.5	0.3	11.6	1.08	48.40
71.0-72.0	2.5	0.3	11.9	1.08	49.48

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

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	2.5	0.3	12.1	1.07	50.55
73.0-74.0	2.4	0.3	12.4	1.07	51.61
74.0-75.0	2.4	0.3	12.6	1.06	52.67
75.0-76.0	2.4	0.3	12.9	1.05	53.73
76.0-77.0	2.4	0.3	13.2	1.05	54.78
77.0-78.0	2.3	0.2	13.4	1.04	55.82
78.0-79.0	2.3	0.2	13.6	1.03	56.85
79.0-80.0	2.3	0.2	13.9	1.02	57.87
80.0-81.0	2.2	0.2	14.1	1.00	58.87
81.0-82.0	2.2	0.2	14.4	0.99	59.86
82.0-83.0	2.2	0.2	14.6	0.99	60.85
83.0-84.0	2.1	0.2	14.8	0.97	61.82
84.0-85.0	2.1	0.2	15.1	0.96	62.78
85.0-86.0	2.1	0.2	15.3	0.95	63.73
86.0-87.0	2.1	0.2	15.5	0.94	64.67
87.0-88.0	2.0	0.2	15.8	0.93	65.60
88.0-89.0	2.0	0.2	16.0	0.92	66.52
89.0-90.0	2.0	0.2	16.2	0.91	67.43
90.0-91.0	2.0	0.2	16.4	0.90	68.32
91.0-92.0	1.9	0.2	16.6	0.88	69.20
92.0-93.0	1.9	0.2	16.8	0.86	70.06
93.0-94.0	1.9	0.2	17.0	0.85	70.90
94.0-95.0	1.8	0.2	17.2	0.83	71.73
95.0-96.0	1.8	0.2	17.4	0.81	72.54
96.0-97.0	1.8	0.2	17.6	0.79	73.34
97.0-98.0	1.7	0.2	17.8	0.79	74.12
98.0-99.0	1.7	0.2	18.0	0.78	74.90
99.0-100.0	1.7	0.2	18.2	0.76	75.66
100.0-101.0	1.7	0.2	18.3	0.75	76.41
101.0-102.0	1.7	0.2	18.5	0.74	77.15
102.0-103.0	1.6	0.2	18.7	0.73	77.89
103.0-104.0	1.6	0.2	18.9	0.72	78.60
104.0-105.0	1.6	0.2	19.0	0.71	79.31
105.0-106.0	1.6	0.2	19.2	0.71	80.02
106.0-107.0	1.6	0.2	19.4	0.70	80.72
107.0-108.0	1.6	0.2	19.5	0.68	81.40

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

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	1.6	0.2	19.7	0.68	82.08
109.0-110.0	1.5	0.2	19.9	0.67	82.74
110.0-111.0	1.5	0.2	20.0	0.65	83.39
111.0-112.0	1.5	0.2	20.2	0.64	84.03
112.0-113.0	1.5	0.2	20.3	0.63	84.66
113.0-114.0	1.5	0.1	20.5	0.62	85.29
114.0-115.0	1.5	0.1	20.6	0.60	85.89
115.0-116.0	1.4	0.1	20.8	0.59	86.48
116.0-117.0	1.4	0.1	20.9	0.57	87.05
117.0-118.0	1.4	0.1	21.0	0.56	87.61
118.0-119.0	1.4	0.1	21.2	0.55	88.16
119.0-120.0	1.3	0.1	21.3	0.53	88.69
120.0-121.0	1.3	0.1	21.4	0.52	89.20
121.0-122.0	1.3	0.1	21.5	0.50	89.70
122.0-123.0	1.3	0.1	21.7	0.49	90.19
123.0-124.0	1.2	0.1	21.8	0.47	90.66
124.0-125.0	1.2	0.1	21.9	0.46	91.12
125.0-126.0	1.2	0.1	22.0	0.45	91.57
126.0-127.0	1.2	0.1	22.1	0.43	92.00
127.0-128.0	1.1	0.1	22.2	0.41	92.41
128.0-129.0	1.1	0.1	22.3	0.40	92.81
129.0-130.0	1.1	0.1	22.4	0.39	93.21
130.0-131.0	1.1	0.1	22.5	0.38	93.58
131.0-132.0	1.1	0.1	22.6	0.37	93.95
132.0-133.0	1.1	0.1	22.6	0.35	94.30
133.0-134.0	1.0	0.1	22.7	0.34	94.65
134.0-135.0	1.0	0.1	22.8	0.33	94.97
135.0-136.0	1.0	0.1	22.9	0.32	95.29
136.0-137.0	1.0	0.1	23.0	0.30	95.59
137.0-138.0	0.9	0.1	23.0	0.29	95.88
138.0-139.0	0.9	0.1	23.1	0.28	96.16
139.0-140.0	0.9	0.1	23.2	0.26	96.42
140.0-141.0	0.9	0.1	23.2	0.26	96.68
141.0-142.0	0.9	0.1	23.3	0.24	96.92
142.0-143.0	0.8	0.1	23.3	0.23	97.16
143.0-144.0	0.8	0.1	23.4	0.23	97.38

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

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	0.8	0.1	23.4	0.21	97.60
145.0-146.0	0.8	0.0	23.5	0.20	97.80
146.0-147.0	0.8	0.0	23.5	0.19	97.99
147.0-148.0	0.7	0.0	23.6	0.18	98.17
148.0-149.0	0.7	0.0	23.6	0.17	98.34
149.0-150.0	0.7	0.0	23.6	0.15	98.49
150.0-151.0	0.6	0.0	23.7	0.14	98.63
151.0-152.0	0.6	0.0	23.7	0.13	98.76
152.0-153.0	0.6	0.0	23.7	0.12	98.88
153.0-154.0	0.6	0.0	23.8	0.12	99.00
154.0-155.0	0.5	0.0	23.8	0.11	99.11
155.0-156.0	0.5	0.0	23.8	0.10	99.21
156.0-157.0	0.5	0.0	23.8	0.09	99.30
157.0-158.0	0.5	0.0	23.9	0.08	99.38
158.0-159.0	0.5	0.0	23.9	0.08	99.46
159.0-160.0	0.4	0.0	23.9	0.07	99.53
160.0-161.0	0.4	0.0	23.9	0.07	99.59
161.0-162.0	0.4	0.0	23.9	0.06	99.65
162.0-163.0	0.4	0.0	23.9	0.05	99.71
163.0-164.0	0.4	0.0	24.0	0.05	99.76
164.0-165.0	0.4	0.0	24.0	0.04	99.80
165.0-166.0	0.3	0.0	24.0	0.04	99.84
166.0-167.0	0.3	0.0	24.0	0.03	99.87
167.0-168.0	0.3	0.0	24.0	0.03	99.90
168.0-169.0	0.2	0.0	24.0	0.02	99.92
169.0-170.0	0.2	0.0	24.0	0.02	99.94
170.0-171.0	0.2	0.0	24.0	0.02	99.95
171.0-172.0	0.2	0.0	24.0	0.01	99.96
172.0-173.0	0.2	0.0	24.0	0.01	99.97
173.0-174.0	0.2	0.0	24.0	0.01	99.98
174.0-175.0	0.1	0.0	24.0	0.01	99.99
175.0-176.0	0.1	0.0	24.0	0.00	99.99
176.0-177.0	0.1	0.0	24.0	0.00	100.00
177.0-178.0	0.1	0.0	24.0	0.00	100.00
178.0-179.0	0.1	0.0	24.0	0.00	100.00
179.0-180.0	0.1	0.0	24.0	0.00	100.00

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

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