

Report No.:

Test Time: 2023-06-30 09:44

## Luminaire Property

Luminaire Manufacturer:

Luminaire Description: AC12-25W-3K4KEM Lamp Catalog: 4000K  
Luminous Length (mm): 300 Luminous Width (mm): 300  
Voltage: 230.6 V Current: 0.063 A  
Power: 13.04 W Power Factor: 0.891

## Photometric Results

CIE Class: Direct

Measurement Flux: 1244.7 lm

Downward Ratio: 100%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 167.5, 161.8, 164.6, 164.6

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 112.2, 109.1, 110.6, 110.6

Luminaire Efficacy Rating (LER): 95.50

Max. Intensity: 438.02 cd

S/MH(C0/C180): 1.24

Total Rated Lamp Lumens: 1244.7 lm

Efficiency: 100%

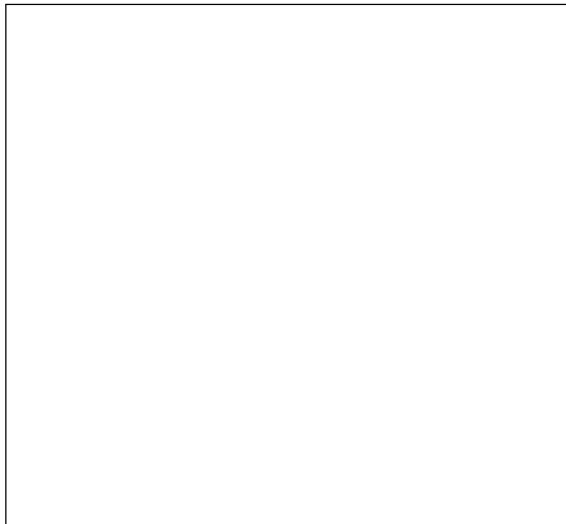
Upward Ratio: 0%

Central Intensity: 437.79 cd

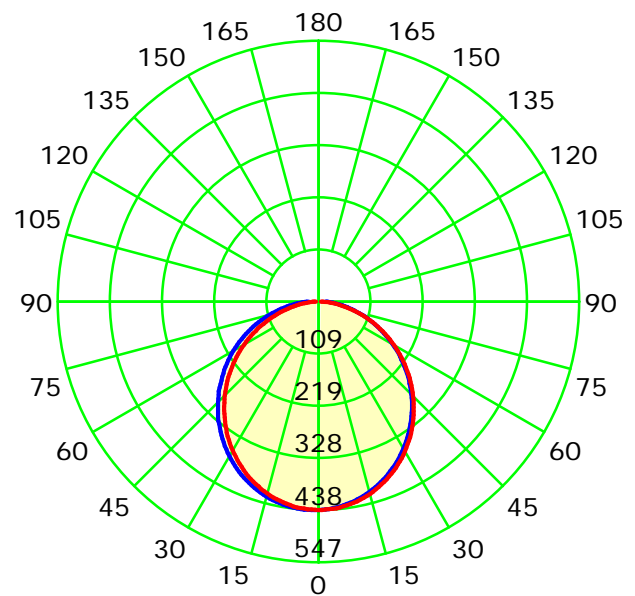
Pos of Max. Intensity: H180 V2

S/MH(C90/C270): 1.23

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature: 25°C

Operator: XU

Gamma Plane (°):0.0-90.0: 1.0

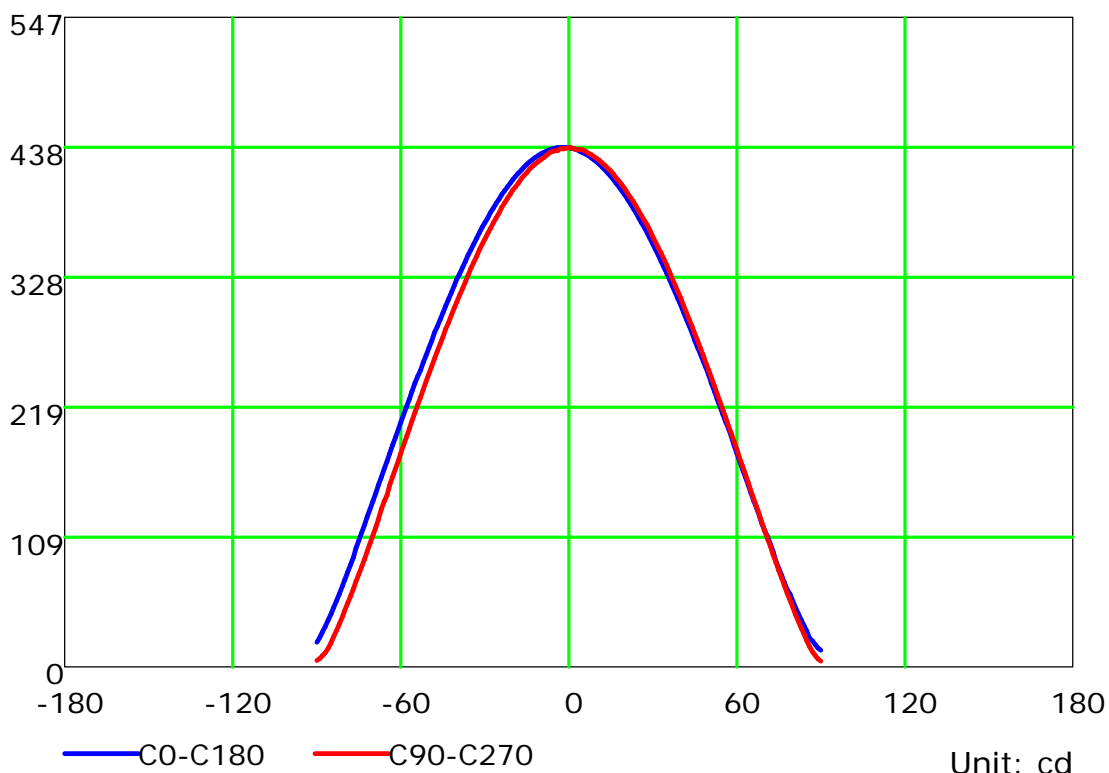
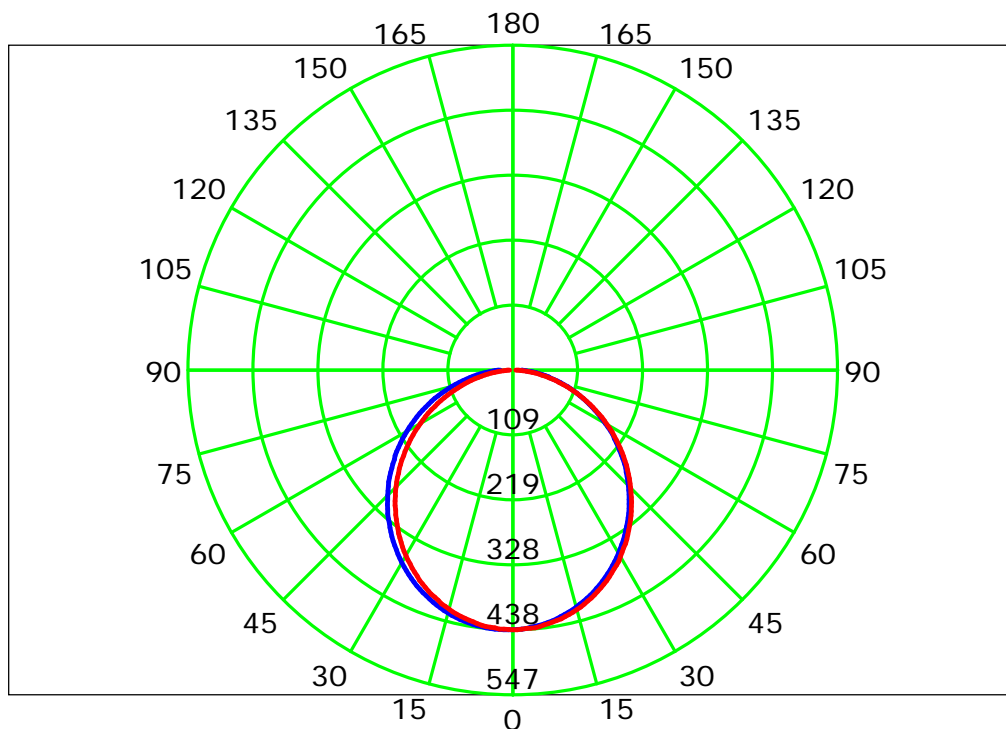
Test Device: GPM-1600

Distance: 8.350 m

Humidity: 50%

Inspector:

## Luminous Intensity Distribution Curve



C Plane (°): 0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25°C  
 Operator: XU

Gamma Plane (°): 0.0-90.0: 1.0  
 Test Device: GPM-1600  
 Distance: 8.350 m  
 Humidity: 50%  
 Inspector:

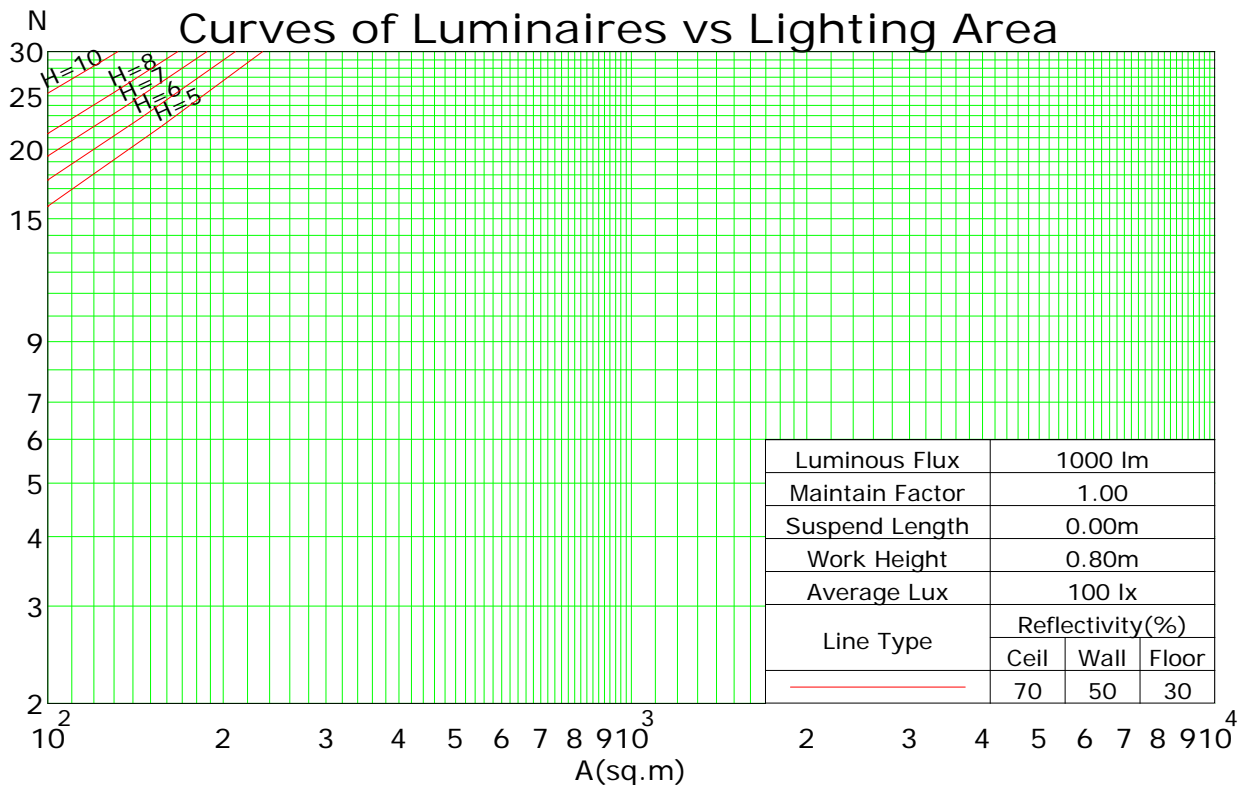
## Coefficients Of Utilization - Zonal Cavity Method

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	111	111	111	106	106	106	102	102	102	100
1	108	103	99	95	106	101	97	93	97	93	90	93	90	88	89	87	85	83
2	98	90	83	77	96	88	81	76	84	79	74	81	77	73	78	74	71	69
3	90	79	70	64	87	77	69	63	74	68	62	71	66	61	69	64	60	58
4	82	70	61	54	80	68	60	54	66	59	53	64	57	52	61	56	51	49
5	75	62	53	46	73	61	53	46	59	51	46	57	50	45	55	49	45	43
6	70	56	47	41	68	55	47	40	53	46	40	52	45	40	50	44	39	37
7	65	51	42	36	63	50	42	36	48	41	35	47	40	35	46	40	35	33
8	60	46	38	32	58	46	38	32	44	37	32	43	36	31	42	36	31	29
9	56	43	34	29	55	42	34	29	41	34	28	40	33	28	39	33	28	26
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24

Spacing Criteria (0-180): 1.24

Spacing Criteria (90-270): 1.23

Spacing Criteria (Diagonal): 1.36



C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature: 25°C

Operator: XU

Gamma Plane (°):0.0-90.0:1.0

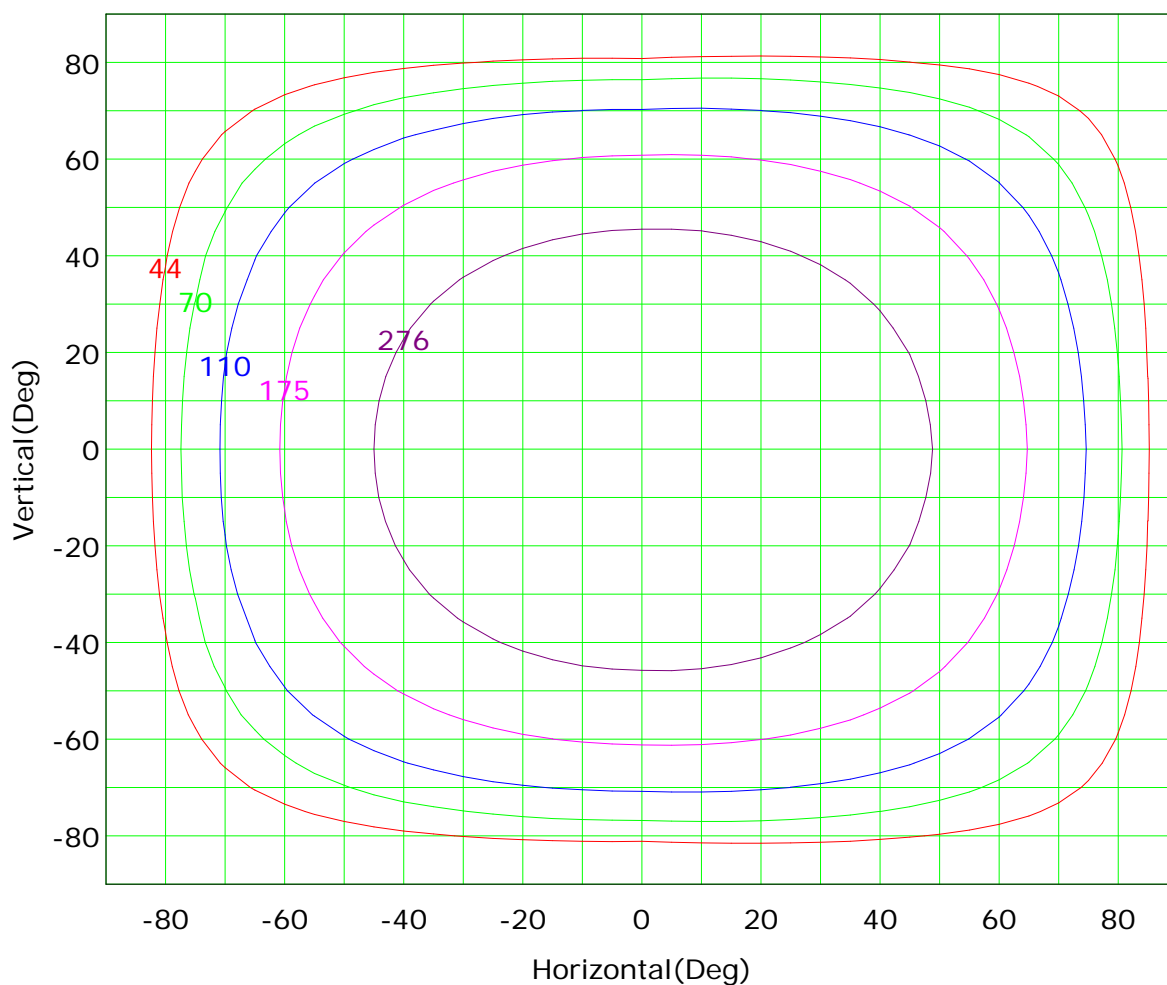
Test Device: GPM-1600

Distance: 8.350 m

Humidity: 50%

Inspector:

## Isocandela (rectangle)



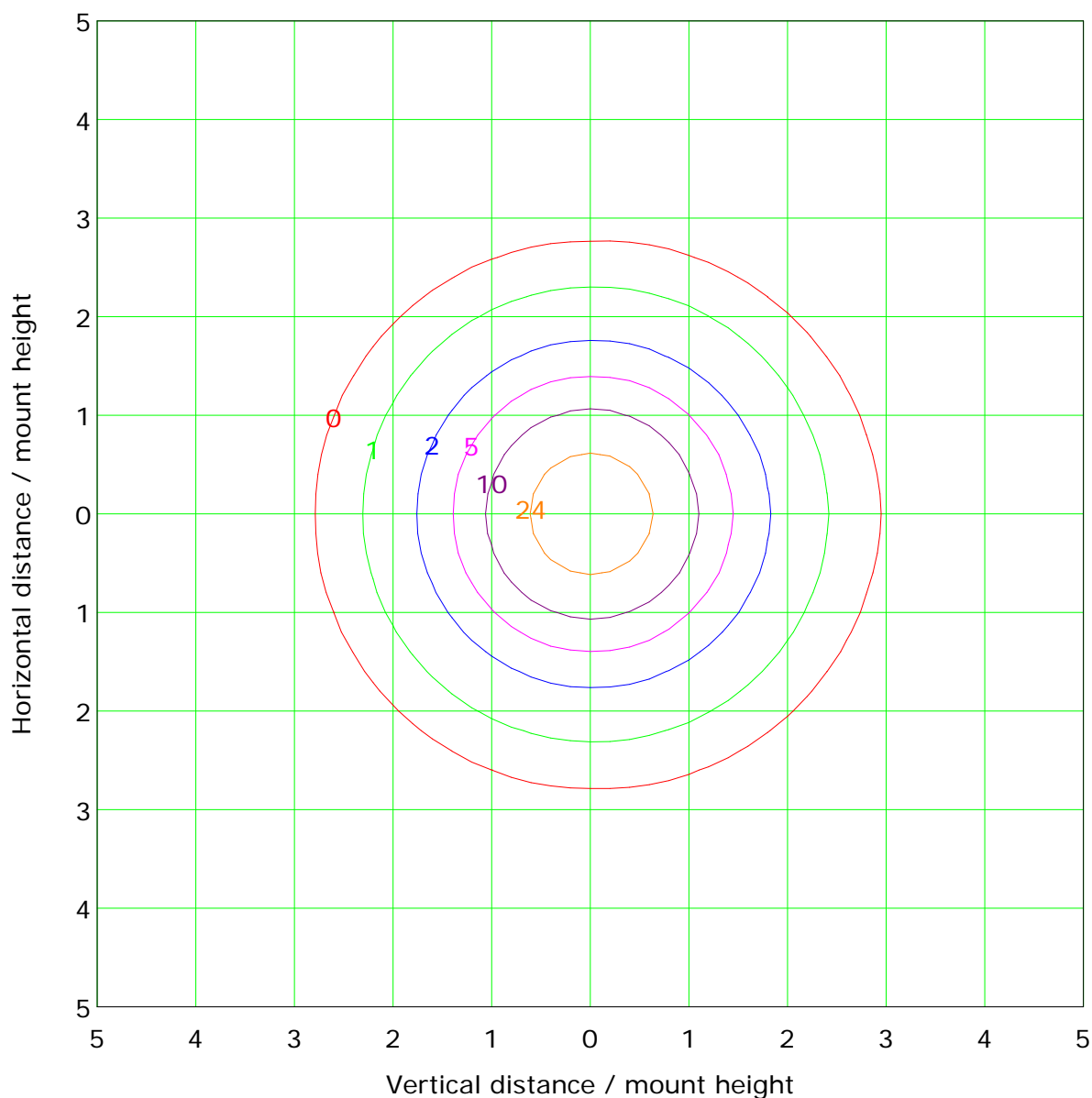
I<sub>max</sub> (100%): 438 cd

( 10%):	44 cd	( 16%):	70 cd
( 25%):	110 cd	( 40%):	175 cd
( 63%):	276 cd	(100%):	438 cd

C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25°C  
 Operator: XU

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1600  
 Distance: 8.350 m  
 Humidity: 50%  
 Inspector:

## IsoLux Plot



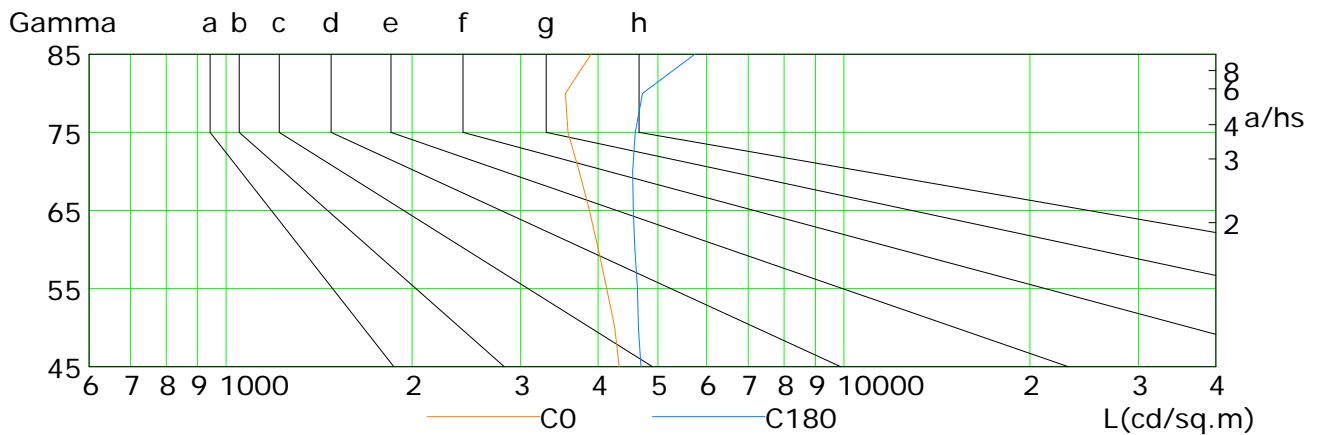
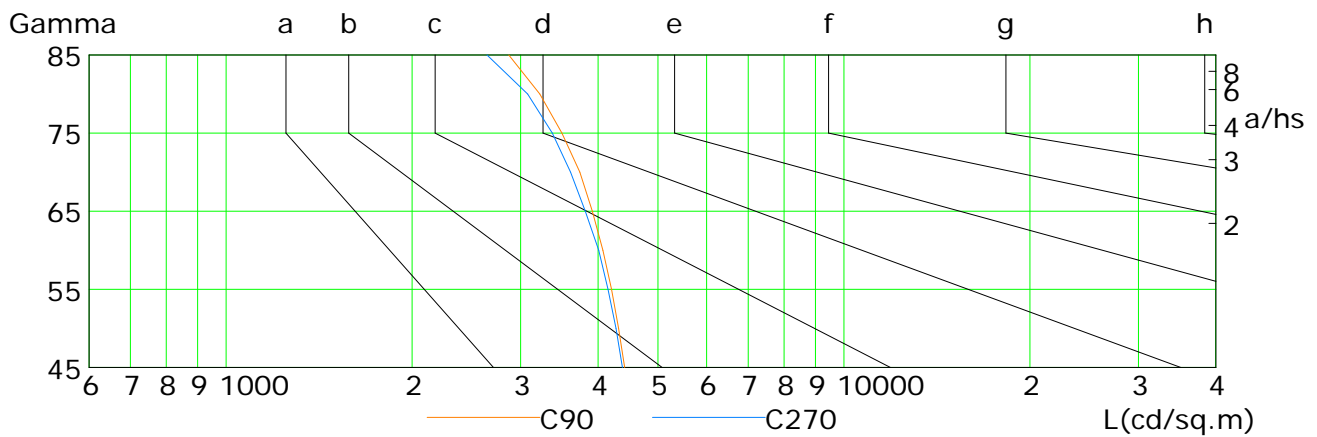
C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25°C  
 Operator: XU

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1600  
 Distance: 8.350 m  
 Humidity: 50%  
 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

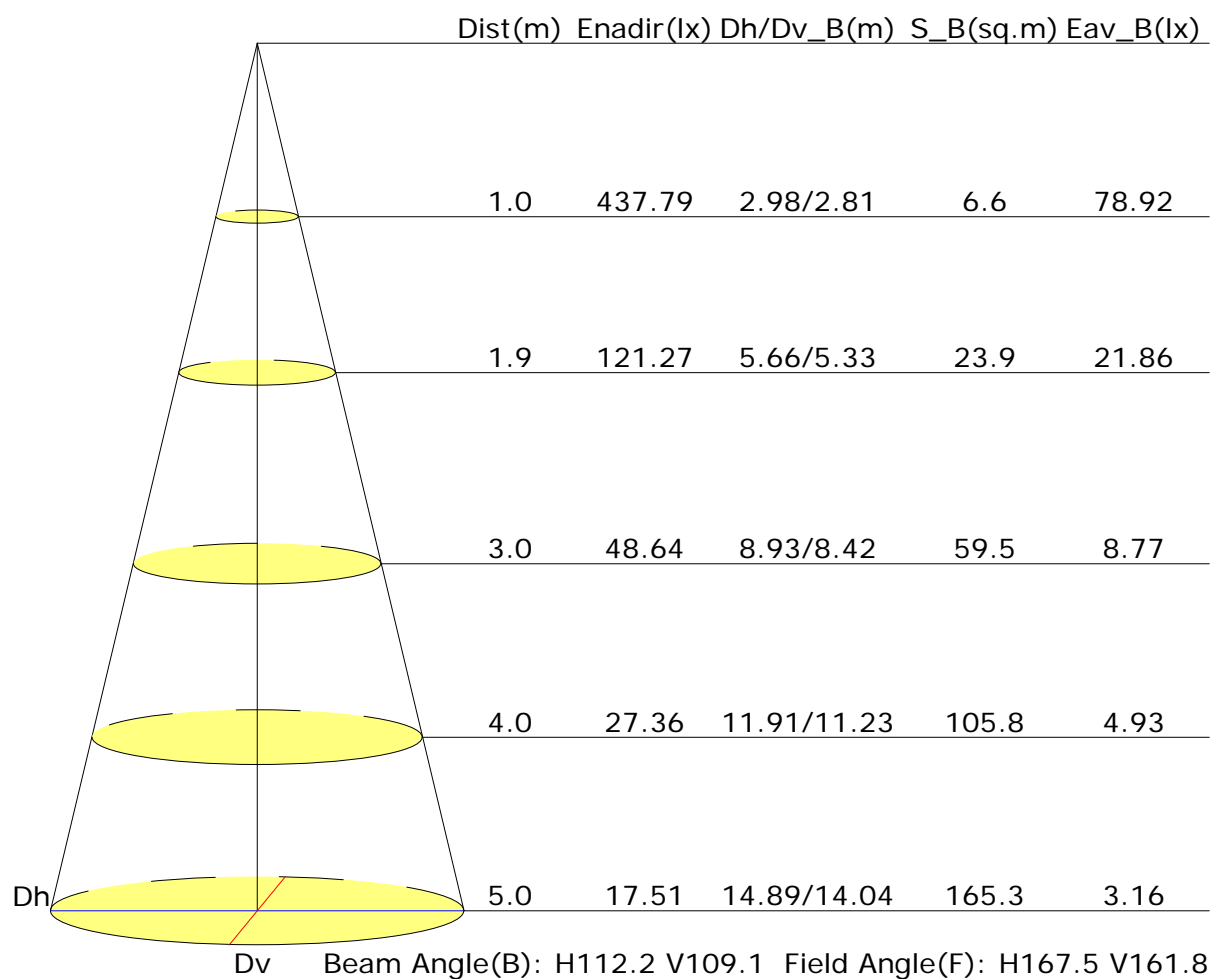


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	4331	4256	4131	4009	3876	3730	3576	3545	3897
C90	4416	4322	4205	4076	3919	3738	3497	3222	2868
C180	4697	4653	4637	4590	4561	4554	4595	4725	5739
C270	4380	4279	4155	4012	3813	3611	3376	3078	2645

C Plane (°):0.0-360.0: 90.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25°C  
Operator: XU

Gamma Plane (°):0.0-90.0:1.0  
Test Device: GPM-1600  
Distance: 8.350 m  
Humidity: 50%  
Inspector:

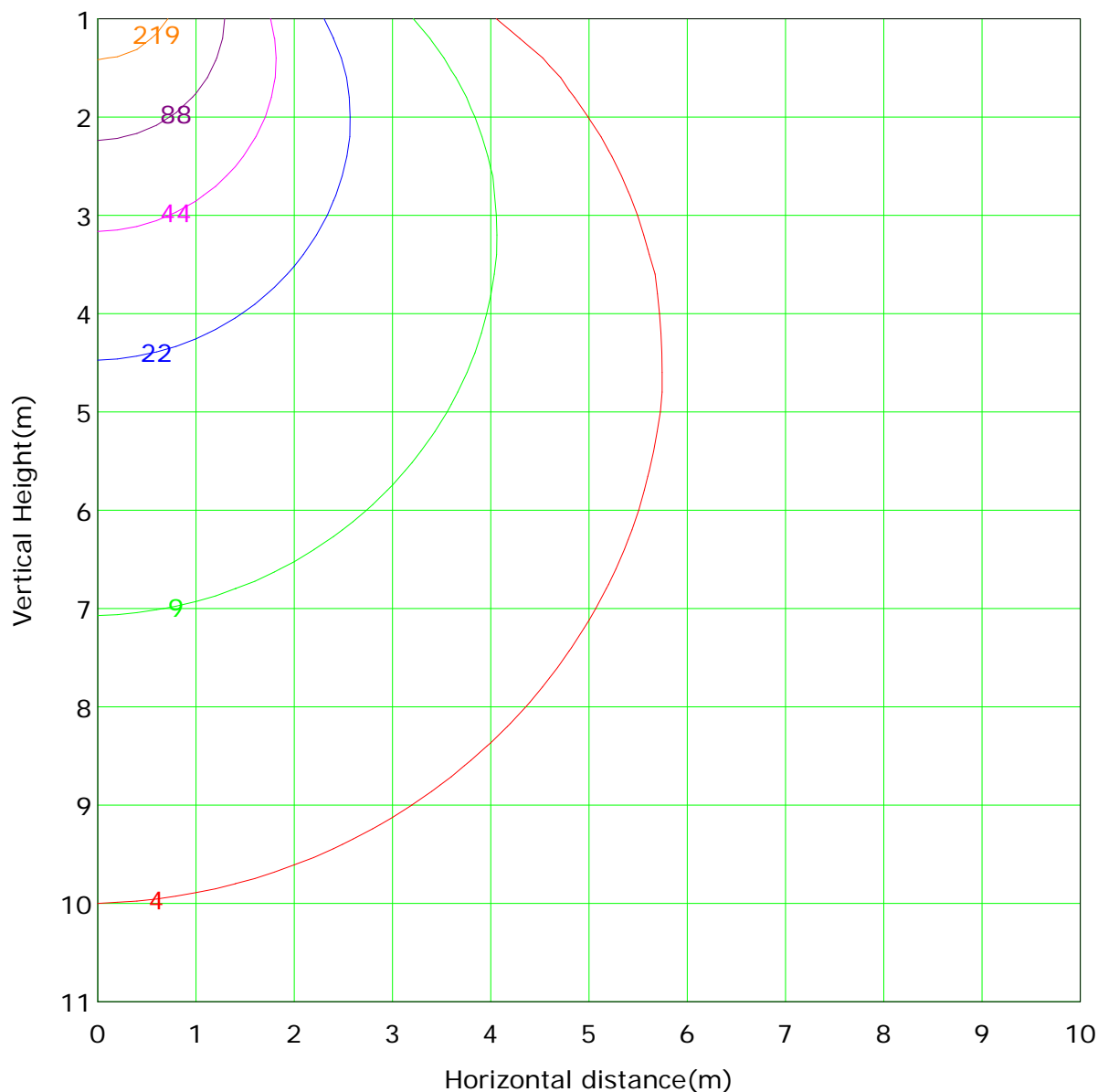
## Illuminance at a Distance



C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25°C  
 Operator: XU

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1600  
 Distance: 8.350 m  
 Humidity: 50%  
 Inspector:

## Vertical IsoLux Plot



Lowest(m): 1.0m    Highest(m): 11.0m    Max Lux: 437.8 lx

( 1%): 4.4 lx	( 2%): 8.8 lx
( 5%): 21.9 lx	( 10%): 43.8 lx
( 20%): 87.6 lx	( 50%): 218.9 lx
(100%): 437.8 lx	

C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25°C  
 Operator: XU

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1600  
 Distance: 8.350 m  
 Humidity: 50%  
 Inspector:

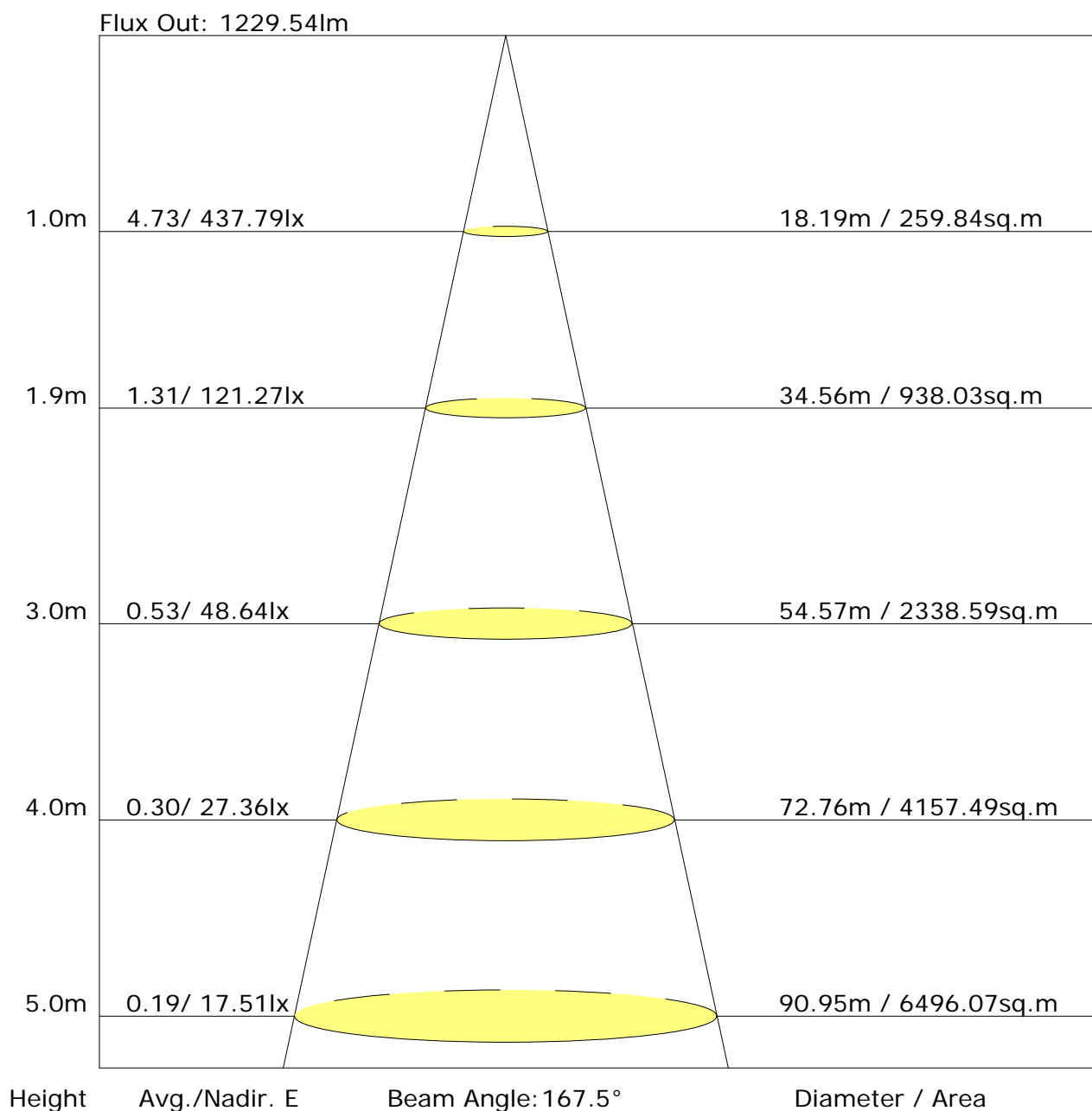


## Unit: 1m

C Plane (°):0.0-360.0: 90.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25°C  
Operator: XU

Gamma Plane (°):0.0-90.0:1.0  
Test Device: GPM-1600  
Distance: 8.350 m  
Humidity: 50%  
Inspector:

## The Average Illuminance Effective Figure



C Plane (°): 0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25°C  
 Operator: XU

Gamma Plane (°): 0.0-90.0: 1.0  
 Test Device: GPM-1600  
 Distance: 8.350 m  
 Humidity: 50%  
 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	17.4	18.8	17.7	19.0	19.3	17.4	18.8	17.7	19.1	19.3
3H	19.0	20.3	19.3	20.5	20.8	19.0	20.3	19.3	20.5	20.8
4H	19.7	20.9	20.0	21.2	21.5	19.6	20.8	20.0	21.1	21.4
6H	20.2	21.3	20.6	21.7	22.0	20.1	21.2	20.5	21.5	21.9
8H	20.4	21.5	20.8	21.9	22.2	20.3	21.4	20.6	21.7	22.0
12H	20.6	21.7	21.0	22.0	22.4	20.4	21.4	20.7	21.7	22.1
X=4H Y=2H	18.1	19.3	18.4	19.6	19.9	18.1	19.3	18.4	19.6	19.9
3H	19.9	20.9	20.2	21.2	21.6	19.9	20.9	20.2	21.2	21.6
4H	20.7	21.6	21.1	22.0	22.3	20.6	21.6	21.0	21.9	22.3
6H	21.4	22.2	21.8	22.6	23.0	21.2	22.1	21.7	22.5	22.9
8H	21.7	22.4	22.1	22.8	23.2	21.5	22.2	21.9	22.6	23.1
12H	21.9	22.6	22.4	23.0	23.5	21.6	22.3	22.1	22.7	23.2
X=8H Y=4H	21.0	21.8	21.4	22.2	22.6	20.9	21.7	21.4	22.1	22.5
6H	21.9	22.5	22.3	22.9	23.4	21.7	22.3	22.2	22.8	23.3
8H	22.2	22.8	22.7	23.3	23.7	22.0	22.6	22.5	23.0	23.5
12H	22.6	23.1	23.1	23.6	24.1	22.3	22.8	22.8	23.2	23.7
X=12H Y=4H	21.0	21.7	21.5	22.1	22.6	21.0	21.7	21.4	22.1	22.5
6H	21.9	22.5	22.4	22.9	23.4	21.8	22.4	22.3	22.8	23.3
8H	22.4	22.9	22.9	23.3	23.8	22.2	22.7	22.7	23.1	23.6
Variations with the observer position at spacings:										
S=1.0H	+0.2/-0.2					+0.2/-0.2				
S=1.5H	+0.4/-0.5					+0.4/-0.5				
S=2.0H	+0.5/-0.9					+0.5/-0.8				

Calculate in accordance with CIE Pub.117. The table is revised with 1245lm ( $8\log(F/F_0) = 0.8$ ).

C Plane (°): 0.0-360.0: 90.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25°C  
Operator: XU

Gamma Plane (°): 0.0-90.0: 1.0  
Test Device: GPM-1600  
Distance: 8.350 m  
Humidity: 50%  
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	0.60	0.68	0.75	0.81	0.88	0.92	0.96	1.00	1.03
	0.30		0.52	0.60	0.68	0.74	0.81	0.87	0.91	0.96	1.00
	0.20		0.47	0.55	0.62	0.68	0.76	0.82	0.86	0.92	0.96
0.50	0.50	0.20	0.58	0.66	0.73	0.78	0.84	0.89	0.92	0.96	0.99
	0.30		0.51	0.59	0.67	0.72	0.79	0.84	0.88	0.93	0.96
	0.20		0.46	0.54	0.62	0.67	0.75	0.80	0.84	0.90	0.93
0.30	0.50	0.20	0.57	0.64	0.71	0.75	0.82	0.86	0.89	0.93	0.95
	0.30		0.51	0.58	0.65	0.70	0.77	0.82	0.85	0.90	0.93
	0.20		0.46	0.54	0.61	0.66	0.73	0.78	0.82	0.87	0.91
0.00	0.00	0.00	0.44	0.51	0.58	0.63	0.70	0.75	0.78	0.83	0.86
<p>Rating: 13W 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(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	0.95	0.81	0.69	0.60	0.48	0.40	0.35	0.27	0.22	
	0.30		0.79	0.69	0.60	0.53	0.44	0.37	0.32	0.25	0.21	
	0.20		0.68	0.61	0.53	0.48	0.40	0.34	0.30	0.24	0.20	
0.50	0.50	0.20	0.92	0.78	0.66	0.58	0.46	0.42	0.33	0.26	0.21	
	0.30		0.78	0.68	0.58	0.52	0.42	0.36	0.31	0.24	0.20	
	0.20		0.67	0.60	0.52	0.47	0.39	0.33	0.29	0.23	0.19	
0.30	0.50	0.20	0.89	0.75	0.63	0.55	0.44	0.37	0.31	0.24	0.20	
	0.30		0.76	0.66	0.57	0.50	0.41	0.34	0.30	0.23	0.19	
	0.20		0.67	0.59	0.51	0.46	0.38	0.32	0.28	0.22	0.19	
0.00	0.00	0.00	0.56	0.49	0.42	0.37	0.30	0.26	0.22	0.17	0.14	
<p>Rating: 13W 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 = 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	0.16	0.18	0.18	0.19	0.20	0.21	0.21	0.22	0.22
	0.30		0.09	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19
	0.20		0.05	0.06	0.08	0.09	0.11	0.13	0.14	0.16	0.17
0.50	0.50	0.20	0.15	0.17	0.18	0.18	0.19	0.20	0.20	0.21	0.21
	0.30		0.09	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19
	0.20		0.05	0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.16
0.30	0.50	0.20	0.15	0.16	0.17	0.18	0.18	0.19	0.19	0.20	0.20
	0.30		0.09	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18
	0.20		0.05	0.06	0.08	0.09	0.11	0.12	0.13	0.15	0.16
0.00	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
<p>Rating: 13W 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>											

## 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	437.7	0.4	0.4	0.03	0.03
1.0-2.0	437.3	1.3	1.7	0.10	0.13
2.0-3.0	437.0	2.1	3.8	0.17	0.30
3.0-4.0	436.5	2.9	6.7	0.23	0.54
4.0-5.0	435.8	3.7	10.4	0.30	0.84
5.0-6.0	435.1	4.6	15.0	0.37	1.21
6.0-7.0	434.0	5.4	20.4	0.43	1.64
7.0-8.0	432.6	6.2	26.6	0.50	2.14
8.0-9.0	431.1	7.0	33.6	0.56	2.70
9.0-10.0	429.5	7.8	41.4	0.62	3.32
10.0-11.0	427.8	8.5	49.9	0.69	4.01
11.0-12.0	425.9	9.3	59.2	0.75	4.76
12.0-13.0	423.9	10.1	69.3	0.81	5.57
13.0-14.0	421.8	10.8	80.1	0.87	6.43
14.0-15.0	419.4	11.5	91.6	0.93	7.36
15.0-16.0	416.8	12.2	103.8	0.98	8.34
16.0-17.0	414.1	12.9	116.7	1.04	9.38
17.0-18.0	411.2	13.6	130.3	1.09	10.47
18.0-19.0	408.2	14.2	144.5	1.14	11.61
19.0-20.0	405.1	14.8	159.3	1.19	12.80
20.0-21.0	401.9	15.4	174.7	1.24	14.04
21.0-22.0	398.4	16.0	190.7	1.29	15.32
22.0-23.0	394.8	16.6	207.3	1.33	16.66
23.0-24.0	391.1	17.1	224.4	1.37	18.03
24.0-25.0	387.2	17.6	242.0	1.41	19.44
25.0-26.0	383.2	18.1	260.1	1.45	20.90
26.0-27.0	379.1	18.5	278.7	1.49	22.39
27.0-28.0	374.9	19.0	297.6	1.53	23.91
28.0-29.0	370.7	19.4	317.0	1.56	25.47
29.0-30.0	366.2	19.8	336.8	1.59	27.06
30.0-31.0	361.5	20.1	356.9	1.62	28.68
31.0-32.0	356.8	20.4	377.4	1.64	30.32
32.0-33.0	352.0	20.7	398.1	1.67	31.99
33.0-34.0	347.2	21.0	419.1	1.69	33.67
34.0-35.0	342.1	21.3	440.4	1.71	35.38
35.0-36.0	336.9	21.5	461.8	1.72	37.10

C Plane (°): 0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25°C  
 Operator: XU

Gamma Plane (°): 0.0-90.0: 1.0  
 Test Device: GPM-1600  
 Distance: 8.350 m  
 Humidity: 50%  
 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	331.6	21.6	483.5	1.74	38.84
37.0-38.0	326.2	21.8	505.3	1.75	40.59
38.0-39.0	320.8	21.9	527.2	1.76	42.35
39.0-40.0	315.3	22.0	549.1	1.77	44.12
40.0-41.0	309.9	22.1	571.2	1.77	45.89
41.0-42.0	304.2	22.1	593.3	1.78	47.67
42.0-43.0	298.3	22.1	615.4	1.78	49.44
43.0-44.0	292.5	22.1	637.5	1.77	51.22
44.0-45.0	286.6	22.0	659.5	1.77	52.99
45.0-46.0	280.6	21.9	681.5	1.76	54.75
46.0-47.0	274.6	21.8	703.3	1.75	56.50
47.0-48.0	268.5	21.7	725.0	1.74	58.25
48.0-49.0	262.5	21.6	746.6	1.73	59.98
49.0-50.0	256.4	21.4	768.0	1.72	61.70
50.0-51.0	249.9	21.1	789.1	1.70	63.40
51.0-52.0	243.3	20.9	810.0	1.68	65.07
52.0-53.0	236.9	20.6	830.6	1.66	66.73
53.0-54.0	230.6	20.3	850.9	1.63	68.36
54.0-55.0	224.3	20.0	870.9	1.61	69.97
55.0-56.0	217.7	19.7	890.6	1.58	71.55
56.0-57.0	211.3	19.3	909.9	1.55	73.10
57.0-58.0	204.9	18.9	928.9	1.52	74.63
58.0-59.0	198.0	18.5	947.4	1.49	76.11
59.0-60.0	191.1	18.1	965.5	1.45	77.57
60.0-61.0	184.4	17.6	983.1	1.41	78.98
61.0-62.0	177.7	17.1	1000.2	1.38	80.36
62.0-63.0	171.1	16.6	1016.8	1.34	81.69
63.0-64.0	164.3	16.1	1033.0	1.30	82.99
64.0-65.0	157.3	15.6	1048.5	1.25	84.24
65.0-66.0	150.6	15.0	1063.6	1.21	85.45
66.0-67.0	144.1	14.5	1078.0	1.16	86.61
67.0-68.0	137.2	13.9	1091.9	1.12	87.73
68.0-69.0	130.3	13.3	1105.2	1.07	88.79
69.0-70.0	123.6	12.7	1117.9	1.02	89.81
70.0-71.0	117.2	12.1	1130.0	0.97	90.79
71.0-72.0	110.7	11.5	1141.6	0.93	91.71

C Plane (°): 0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25°C  
 Operator: XU

Gamma Plane (°): 0.0-90.0: 1.0  
 Test Device: GPM-1600  
 Distance: 8.350 m  
 Humidity: 50%  
 Inspector:



## Zonal Lumen (Continue 2)

[illegible]

C Plane (°):0.0-360.0: 90.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25°C  
Operator: XU

Gamma Plane (°):0.0-90.0:1.0  
Test Device: GPM-1600  
Distance: 8.350 m  
Humidity: 50%  
Inspector:

## Candlepower Table

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G0.0	437.8	437.8	437.8	437.8	437.8					
G1.0	437.2	437.7	437.9	437.2	437.2					
G2.0	436.7	436.8	438.0	436.9	436.7					
G3.0	436.0	436.4	437.9	437.1	436.0					
G4.0	434.7	436.3	437.8	435.4	434.7					
G5.0	433.7	436.0	437.3	435.1	433.7					
G6.0	432.4	435.0	436.8	434.7	432.4					
G7.0	431.0	433.1	435.9	433.3	431.0					
G8.0	429.4	431.9	435.0	431.4	429.4					
G9.0	427.7	430.3	433.9	429.5	427.7					
G10.0	425.8	428.6	432.6	427.8	425.8					
G11.0	423.5	427.2	431.1	425.9	423.5					
G12.0	421.2	424.8	429.6	424.1	421.2					
G13.0	419.0	422.8	427.8	422.2	419.0					
G14.0	416.4	420.4	426.0	420.1	416.4					
G15.0	413.6	418.1	423.9	417.0	413.6					
G16.0	410.7	415.3	421.5	414.4	410.7					
G17.0	407.8	412.4	419.0	411.9	407.8					
G18.0	404.6	409.5	416.6	408.2	404.6					
G19.0	401.2	406.4	413.8	405.0	401.2					
G20.0	398.0	403.1	411.0	402.2	398.0					
G21.0	394.4	399.6	407.9	398.9	394.4					
G22.0	390.7	396.1	404.7	395.0	390.7					
G23.0	386.7	392.5	401.6	391.4	386.7					
G24.0	382.8	388.6	398.2	387.4	382.8					
G25.0	378.8	384.7	394.5	382.9	378.8					
G26.0	374.6	380.4	390.9	378.9	374.6					
G27.0	370.4	376.3	386.9	374.6	370.4					
G28.0	365.8	372.6	383.0	369.7	365.8					
G29.0	361.5	368.3	378.8	365.8	361.5					
G30.0	356.6	362.8	374.8	361.0	356.6					
G31.0	351.9	358.2	370.6	356.4	351.9					
G32.0	347.0	353.2	365.9	351.5	347.0					
G33.0	342.0	349.0	361.4	346.0	342.0					
G34.0	337.0	343.8	356.7	341.3	337.0					
G35.0	331.8	338.5	351.9	336.2	331.8					
G36.0	326.6	332.8	347.2	330.2	326.6					

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature: 25°C

Operator: XU

Gamma Plane (°):0.0-90.0:1.0

Test Device: GPM-1600

Distance: 8.350 m

Humidity: 50%

Inspector:

## Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G37.0	321.4	327.3	342.1	325.0	321.4					
G38.0	315.9	322.0	337.0	319.3	315.9					
G39.0	310.3	316.3	331.6	313.8	310.3					
G40.0	304.8	310.7	327.2	307.8	304.8					
G41.0	299.2	305.0	321.6	302.8	299.2					
G42.0	293.3	299.1	315.6	296.9	293.3					
G43.0	287.6	293.1	310.1	290.5	287.6					
G44.0	281.6	287.2	304.3	285.0	281.6					
G45.0	275.6	281.0	298.9	278.7	275.6					
G46.0	269.6	275.1	293.1	272.5	269.6					
G47.0	263.8	268.8	287.2	266.4	263.8					
G48.0	257.6	262.6	282.1	259.8	257.6					
G49.0	252.6	256.3	275.3	254.0	252.6					
G50.0	246.2	250.0	269.2	247.6	246.2					
G51.0	238.9	243.4	262.8	240.9	238.9					
G52.0	232.4	237.0	256.9	234.1	232.4					
G53.0	226.1	230.4	250.4	227.8	226.1					
G54.0	219.7	223.8	245.4	221.2	219.7					
G55.0	213.2	217.1	239.4	214.5	213.2					
G56.0	206.6	210.5	232.6	207.7	206.6					
G57.0	201.5	203.7	226.0	201.3	201.5					
G58.0	194.9	197.2	219.8	194.4	194.9					
G59.0	187.1	190.2	213.3	187.5	187.1					
G60.0	180.4	183.4	206.6	180.6	180.4					
G61.0	173.8	176.4	200.2	173.8	173.8					
G62.0	167.2	169.9	193.5	167.0	167.2					
G63.0	160.6	162.9	187.0	160.4	160.6					
G64.0	153.9	156.0	180.1	153.4	153.9					
G65.0	147.4	149.1	173.5	145.0	147.4					
G66.0	140.7	142.3	167.0	139.8	140.7					
G67.0	134.4	135.4	160.2	133.0	134.4					
G68.0	127.6	128.7	153.5	124.6	127.6					
G69.0	121.1	121.8	146.9	117.9	121.1					
G70.0	114.8	115.1	140.2	111.2	114.8					
G71.0	109.9	108.1	133.4	104.5	109.9					
G72.0	103.4	101.7	126.8	97.9	103.4					
G73.0	97.4	94.8	120.1	91.3	97.4					

C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25°C  
 Operator: XU

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1600  
 Distance: 8.350 m  
 Humidity: 50%  
 Inspector:

## Unit: cd

C Plane (°):0.0-360.0: 90.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25°C  
Operator: XU

Gamma Plane (°):0.0-90.0:1.0  
Test Device: GPM-1600  
Distance: 8.350 m  
Humidity: 50%  
Inspector: