

Report No.:

Test Time: 2023-08-23 14:05

## Luminaire Property

Luminaire Manufacturer:

Luminaire Description: ADLED110R-3T

Luminous Length (mm): 110

Voltage: 230.5 V

Power: 8.41 W

Lamp Catalog: 3000K

Luminous Width (mm): 110

Current: 0.039 A

Power Factor: 0.942

## Photometric Results

CIE Class: Direct

Measurement Flux: 812.2 lm

Downward Ratio: 100%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 147.7, 147.9, 147.8, 147.9

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 94.2, 94.2, 94.2, 94.2

Luminaire Efficacy Rating (LER): 96.62

Max. Intensity: 364.71 cd

S/MH(C0/C180): 1.14

Total Rated Lamp Lumens: 812.2 lm

Efficiency: 100%

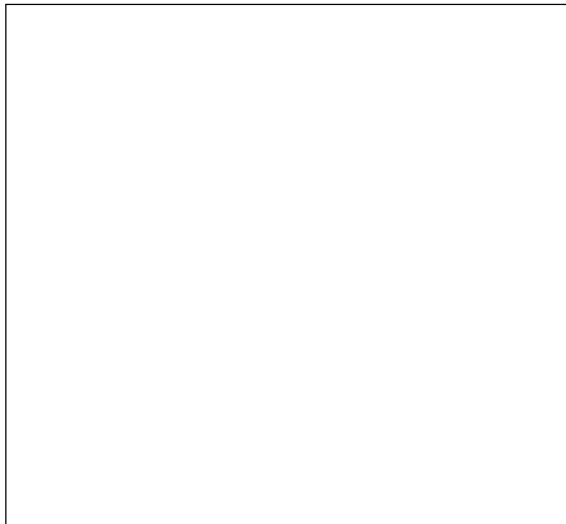
Upward Ratio: 0%

Central Intensity: 364.44 cd

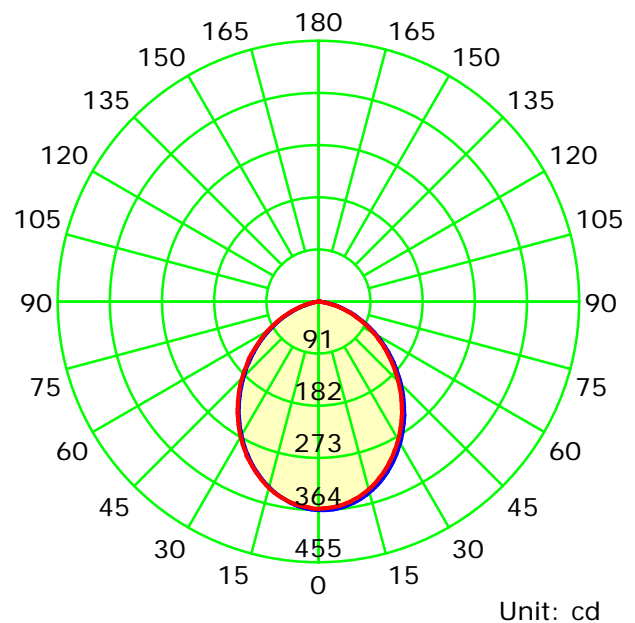
Pos of Max. Intensity: H0 V1

S/MH(C90/C270): 1.14

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

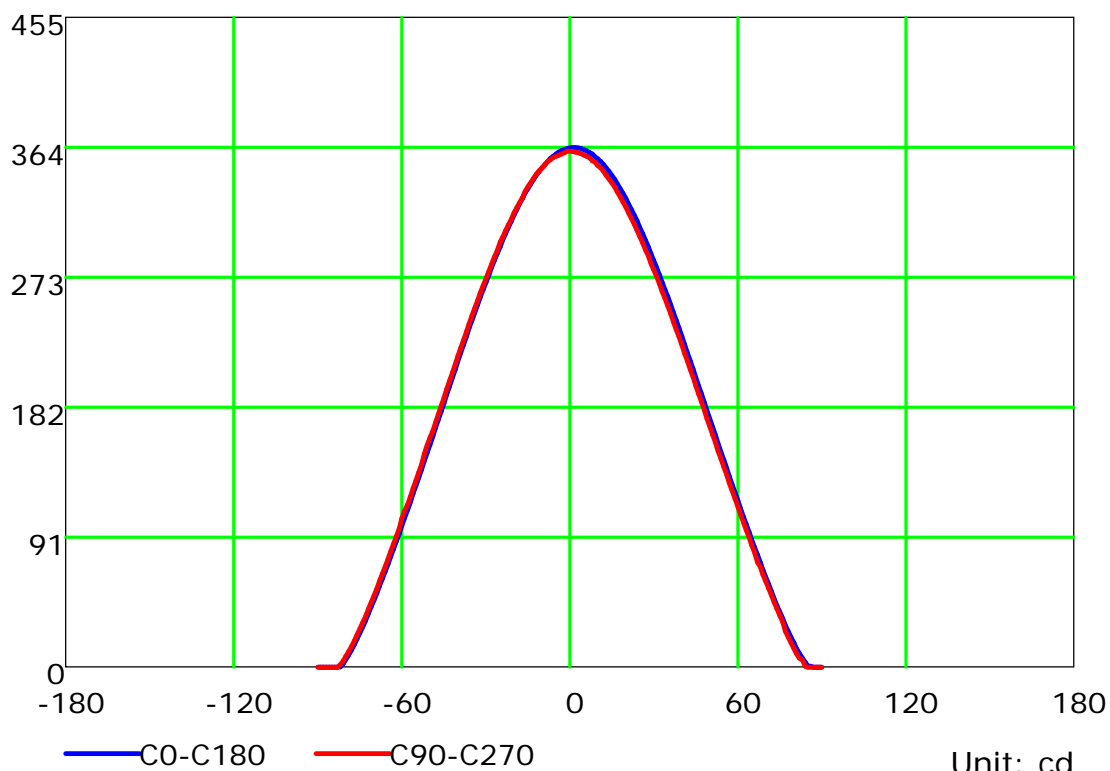
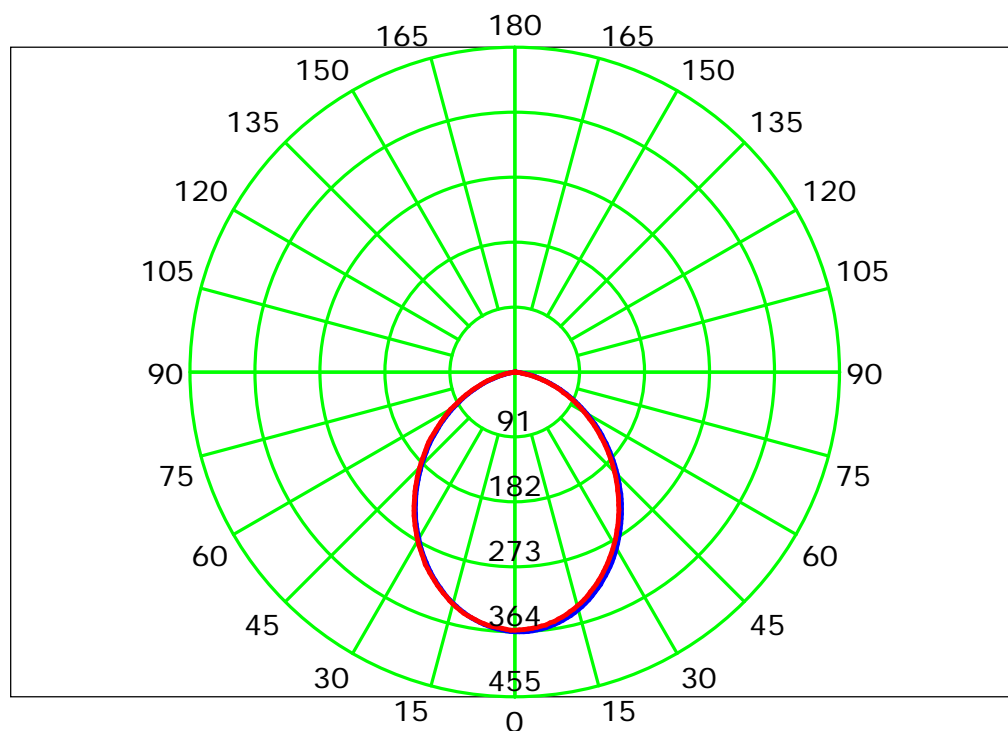
Test Device: GPM-1600

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:

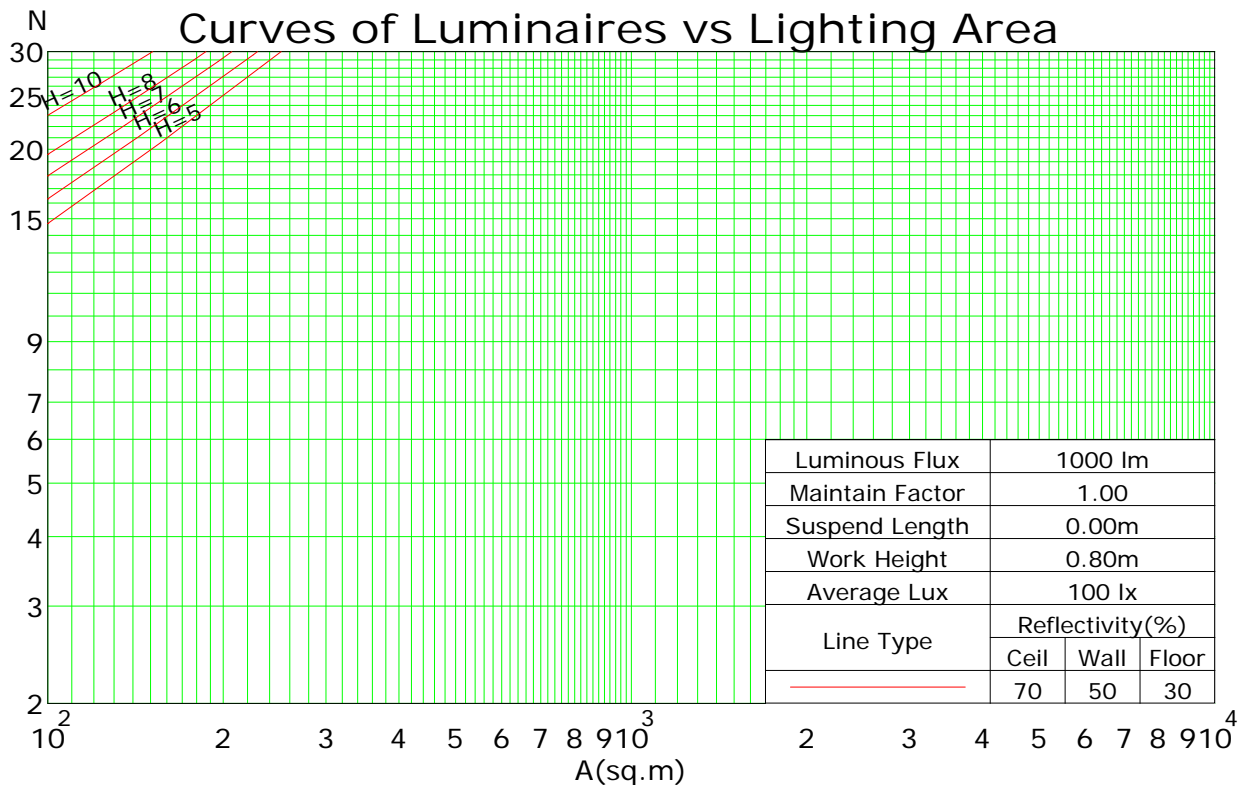
## Coefficients Of Utilization - Zonal Cavity Method

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	110	106	102	99	108	104	100	97	100	97	94	96	94	91	92	90	89	87
2	101	94	88	82	99	92	86	81	88	84	80	85	81	78	82	79	76	74
3	93	83	76	70	90	82	75	69	79	73	68	76	71	67	73	69	66	64
4	85	74	66	60	83	73	65	59	71	64	59	68	63	58	66	61	57	55
5	79	67	58	52	77	66	58	52	64	57	51	62	56	51	60	55	50	48
6	73	61	52	46	71	60	52	46	58	51	45	56	50	45	55	49	45	43
7	68	55	47	41	66	54	46	41	53	46	40	51	45	40	50	44	40	38
8	63	50	42	37	62	50	42	37	49	41	36	47	41	36	46	40	36	34
9	59	47	39	33	58	46	38	33	45	38	33	44	37	33	43	37	33	31
10	56	43	35	30	55	43	35	30	42	35	30	41	34	30	40	34	30	28

Spacing Criteria (0-180): 1.14

Spacing Criteria (90-270): 1.14

Spacing Criteria (Diagonal): 1.24



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

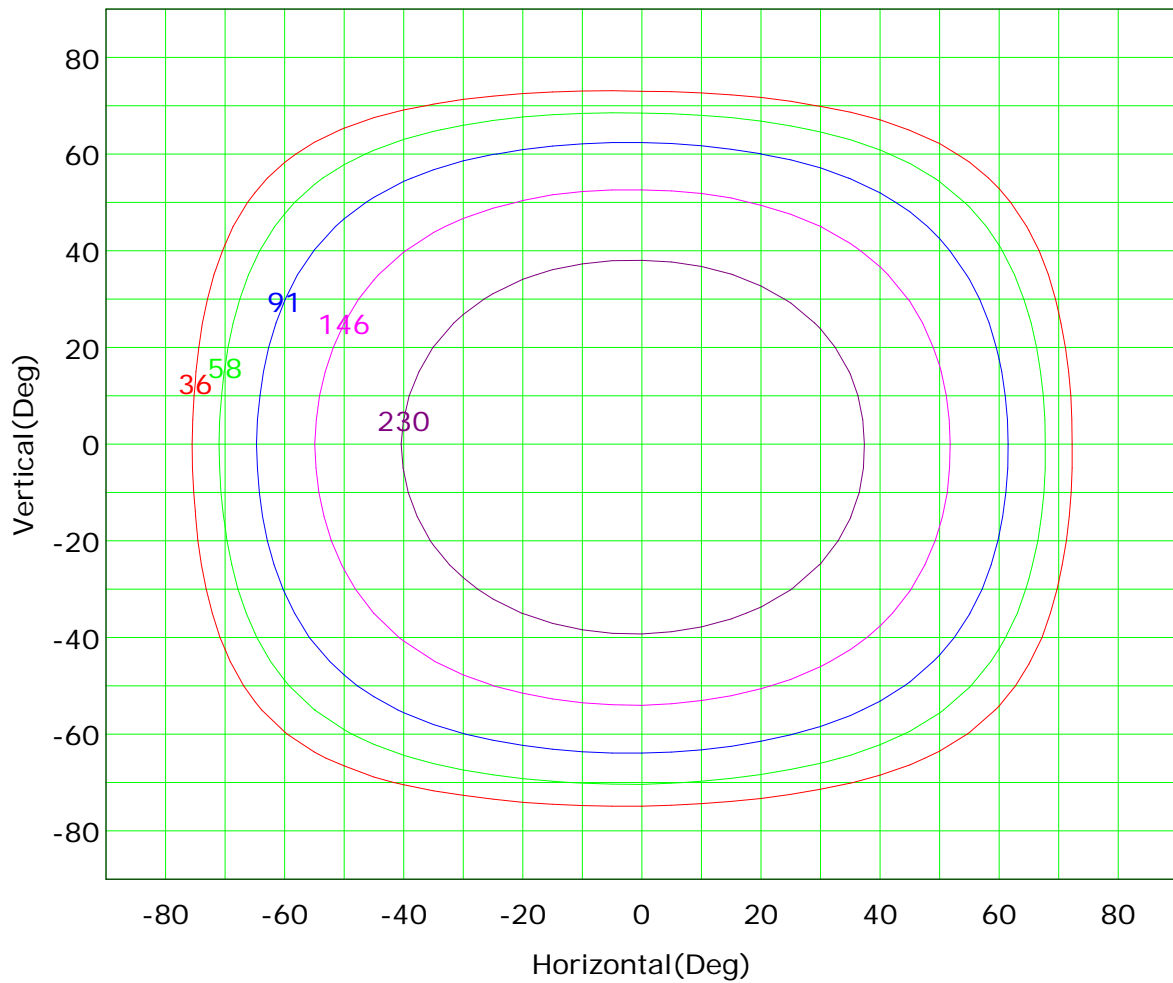
Test Device: GPM-1600

Distance: 8.350 m

Humidity: 50%

Inspector:

## Isocandela (rectangle)



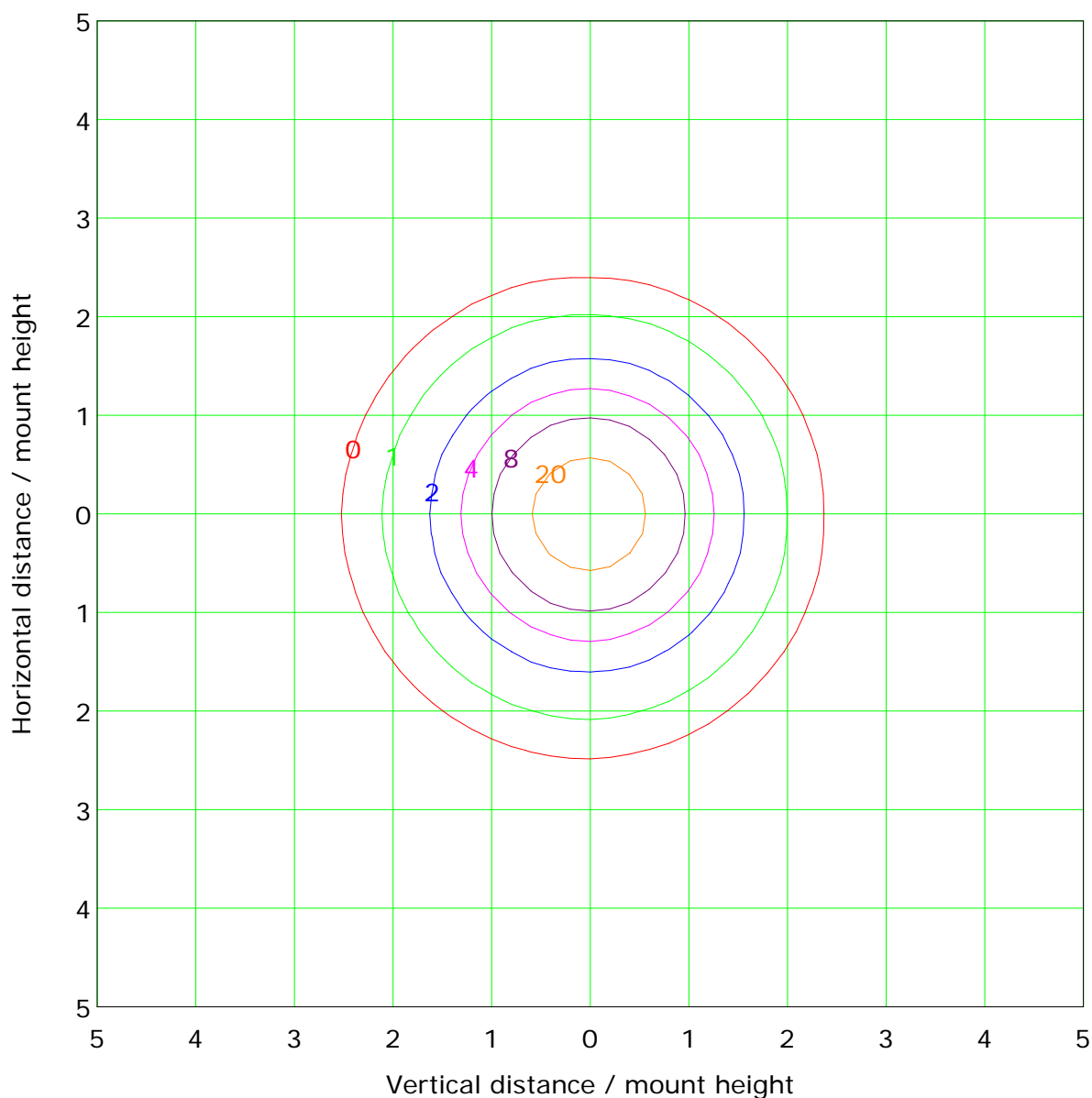
I<sub>max</sub> (100%): 365 cd

( 10%):	36 cd	( 16%):	58 cd
( 25%):	91 cd	( 40%):	146 cd
( 63%):	230 cd	(100%):	365 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



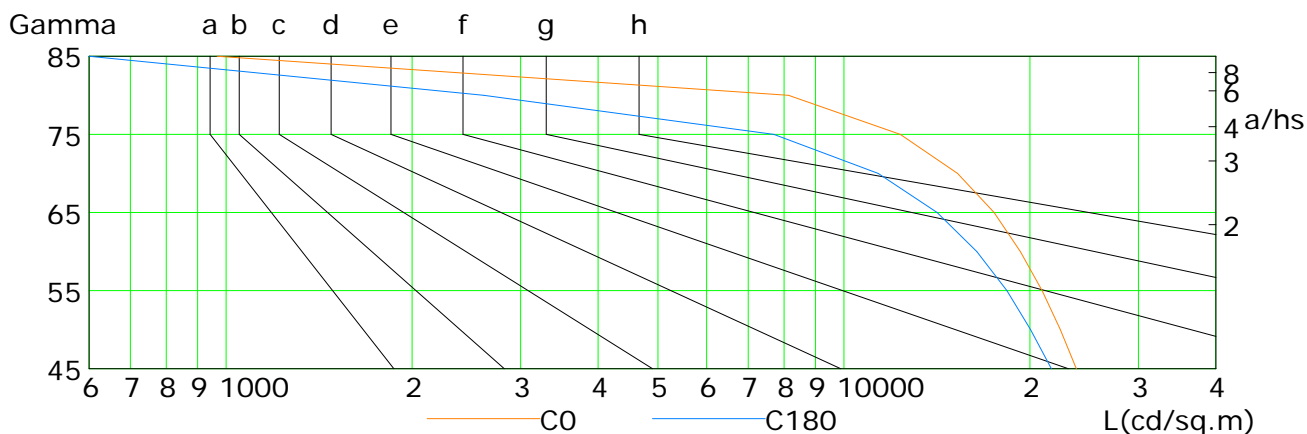
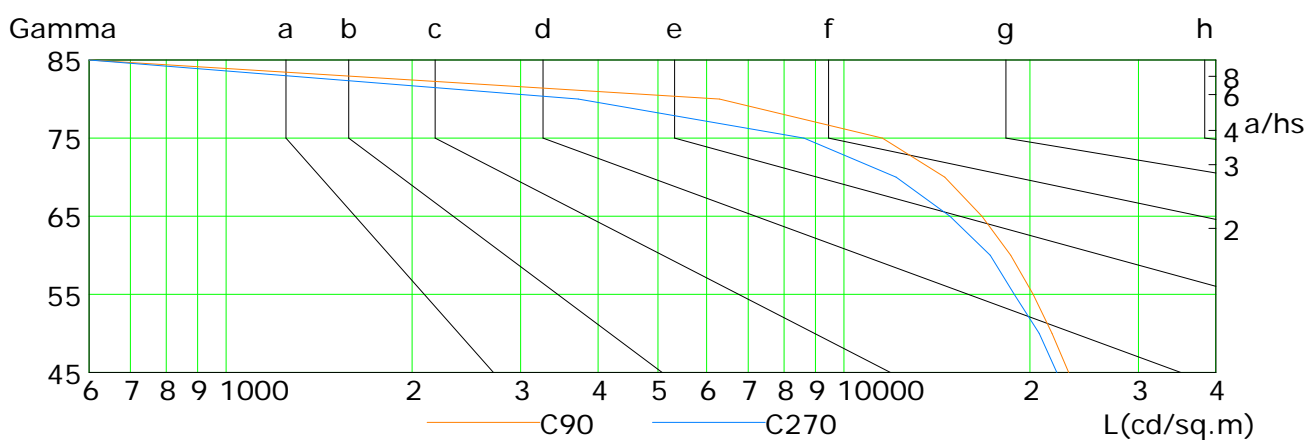
C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25°C  
 Operator: XU

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

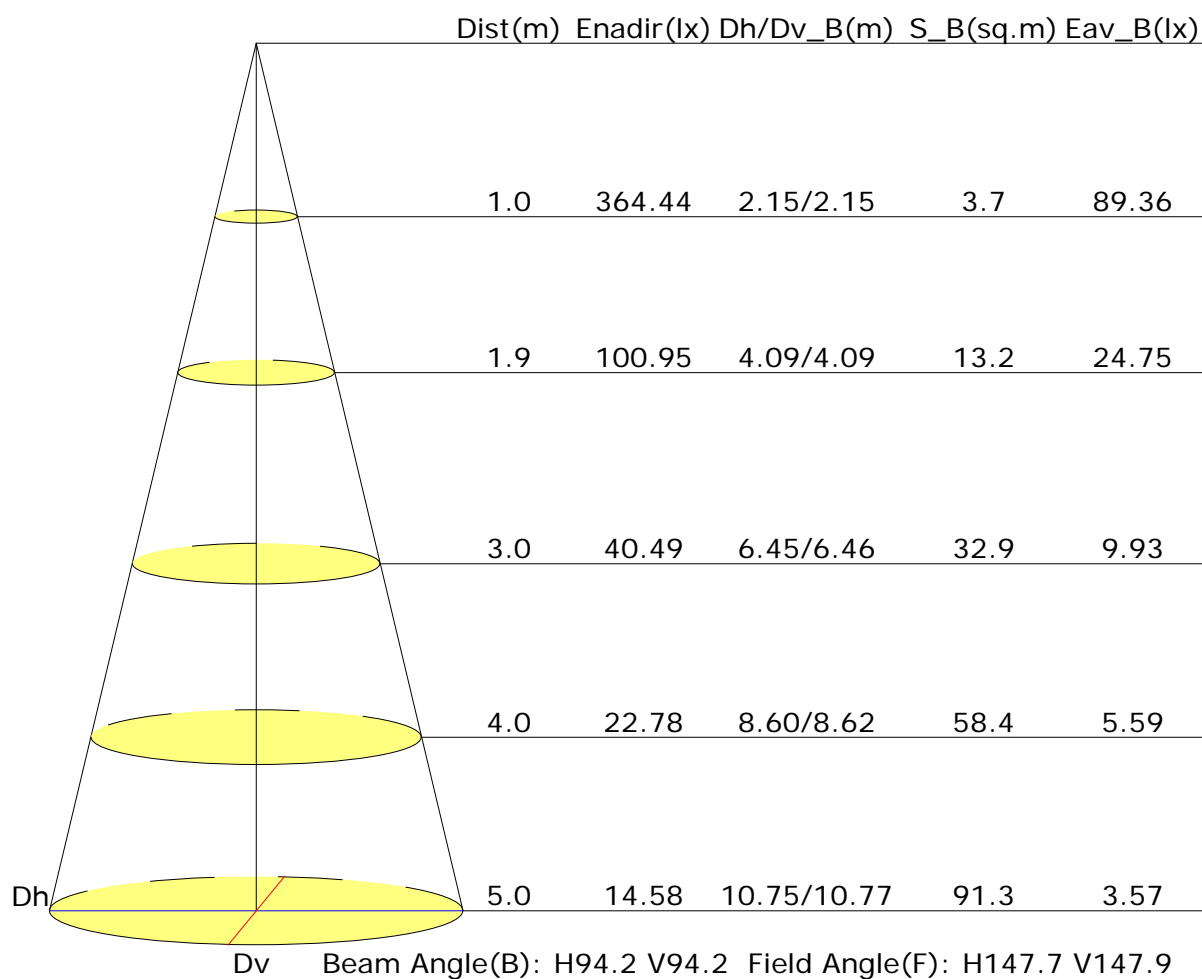


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	23790	22409	20942	19317	17500	15274	12338	8138	967
C90	23108	21729	20240	18623	16739	14573	11550	6292	0
C180	21680	20068	18367	16412	14154	11374	7702	2613	0
C270	22114	20719	18880	17269	14856	12152	8615	3717	0

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:

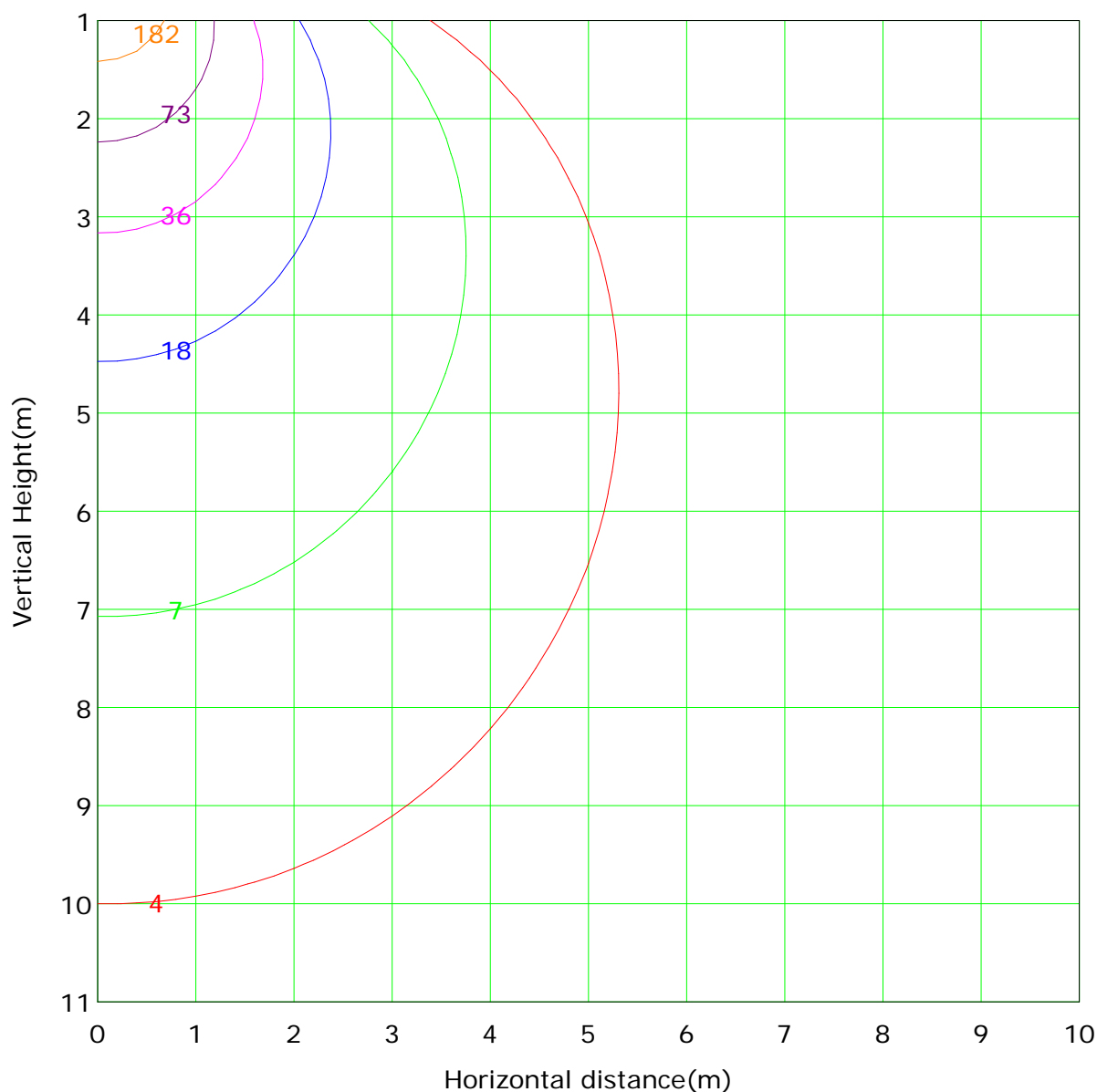
## Illuminance at a Distance



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: 364.4 lx

( 1%): 3.6 lx	( 2%): 7.3 lx
( 5%): 18.2 lx	( 10%): 36.4 lx
( 20%): 72.9 lx	( 50%): 182.2 lx
(100%): 364.4 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:

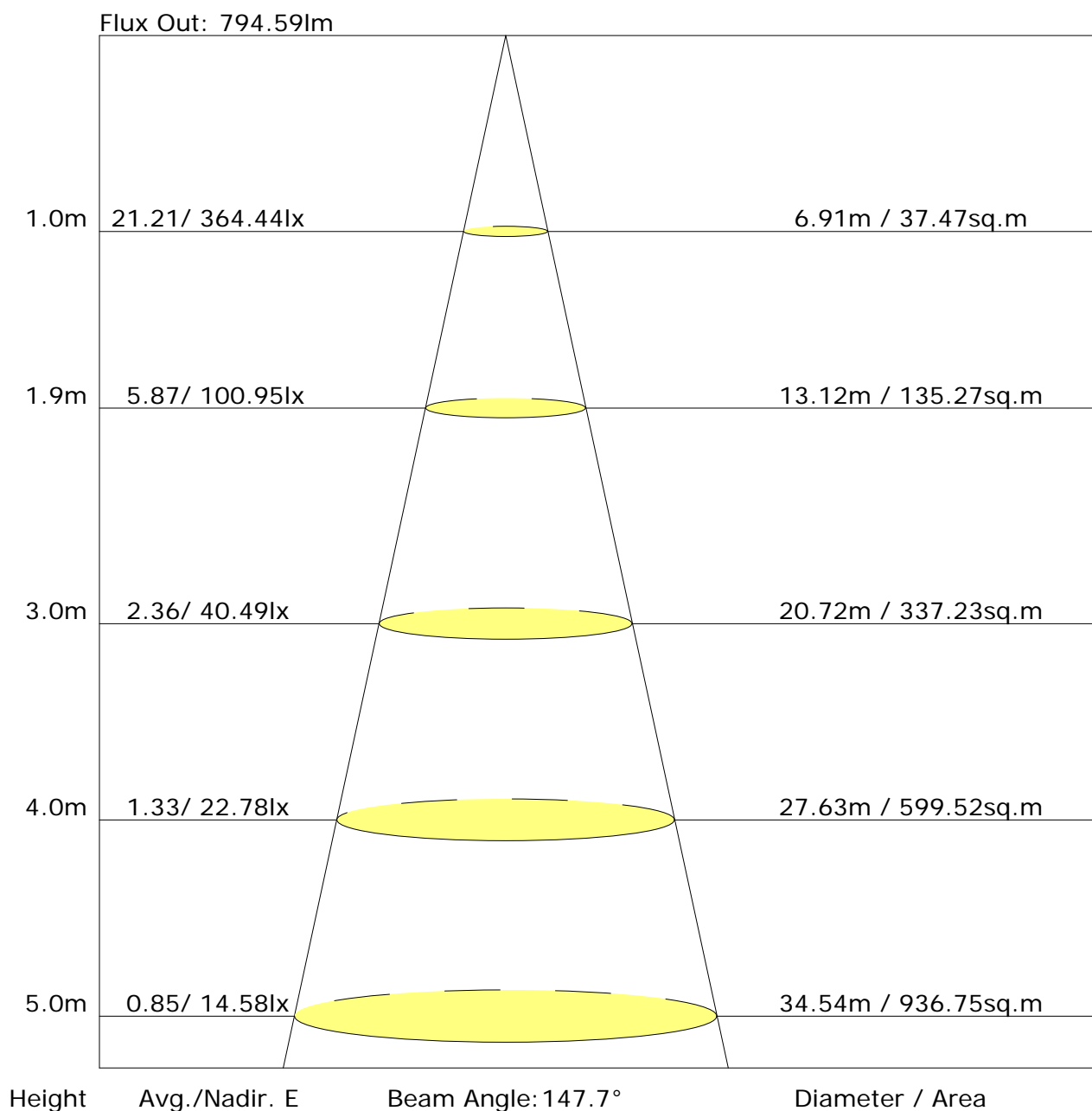


## Unit: 1m

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	23.1	24.4	23.4	24.6	24.8	22.8	24.1	23.1	24.3	24.6
3H	24.3	25.4	24.6	25.7	26.0	23.9	25.0	24.2	25.3	25.6
4H	24.6	25.7	25.0	26.0	26.3	24.2	25.3	24.5	25.6	25.9
6H	24.8	25.8	25.2	26.1	26.4	24.3	25.3	24.6	25.6	25.9
8H	24.8	25.8	25.2	26.1	26.4	24.2	25.2	24.6	25.5	25.9
12H	24.8	25.7	25.2	26.0	26.4	24.2	25.1	24.6	25.5	25.8
X=4H Y=2H	23.6	24.7	23.9	25.0	25.3	23.4	24.5	23.7	24.8	25.1
3H	24.9	25.9	25.3	26.2	26.5	24.6	25.5	25.0	25.9	26.2
4H	25.4	26.2	25.8	26.6	27.0	25.0	25.8	25.4	26.2	26.6
6H	25.6	26.4	26.0	26.7	27.1	25.1	25.9	25.5	26.2	26.6
8H	25.6	26.3	26.1	26.7	27.1	25.1	25.8	25.6	26.2	26.6
12H	25.6	26.2	26.1	26.6	27.1	25.1	25.7	25.5	26.1	26.5
X=8H Y=4H	25.5	26.2	26.0	26.6	27.0	25.1	25.8	25.6	26.2	26.6
6H	25.8	26.3	26.3	26.8	27.2	25.3	25.9	25.8	26.3	26.8
8H	25.8	26.3	26.3	26.8	27.3	25.3	25.8	25.8	26.3	26.7
12H	25.8	26.2	26.3	26.7	27.2	25.3	25.7	25.8	26.2	26.7
X=12H Y=4H	25.5	26.1	25.9	26.5	27.0	25.1	25.7	25.6	26.2	26.6
6H	25.8	26.3	26.3	26.7	27.2	25.3	25.8	25.8	26.3	26.7
8H	25.8	26.2	26.3	26.7	27.2	25.3	25.7	25.8	26.2	26.7
Variations with the observer position at spacings:										
S=1.0H	+0.2/-0.2					+0.2/-0.3				
S=1.5H	+0.4/-0.7					+0.5/-0.9				
S=2.0H	+0.7/-1.2					+0.8/-1.6				

Calculate in accordance with CIE Pub.117. The table is revised with  $812\text{lm}$  ( $8\log(F/F_0) = -0.7$ ).

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 = 1.25								
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	0.62	0.72	0.79	0.84	0.91	0.96	0.99	1.03	1.06
	0.30		0.55	0.65	0.73	0.78	0.86	0.91	0.95	1.00	1.03
	0.20		0.50	0.60	0.68	0.73	0.81	0.87	0.91	0.96	1.00
0.50	0.50	0.20	0.61	0.70	0.77	0.82	0.88	0.92	0.95	0.99	1.02
	0.30		0.54	0.64	0.71	0.77	0.84	0.88	0.92	0.96	0.99
	0.20		0.49	0.60	0.67	0.72	0.80	0.85	0.89	0.94	0.97
0.30	0.50	0.20	0.59	0.69	0.75	0.79	0.85	0.89	0.92	0.96	0.98
	0.30		0.53	0.63	0.70	0.75	0.82	0.86	0.89	0.93	0.96
	0.20		0.49	0.59	0.66	0.71	0.78	0.83	0.87	0.91	0.94
0.00	0.00	0.00	0.47	0.57	0.63	0.68	0.75	0.79	0.83	0.87	0.89
<p>Rating:8W 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 = 1.25								
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	0.92	0.74	0.63	0.54	0.43	0.35	0.30	0.23	0.18
	0.30		0.76	0.64	0.55	0.48	0.39	0.32	0.27	0.21	0.17
	0.20		0.66	0.56	0.48	0.43	0.35	0.30	0.26	0.20	0.17
0.50	0.50	0.20	0.88	0.71	0.60	0.52	0.41	0.37	0.28	0.21	0.17
	0.30		0.75	0.62	0.53	0.46	0.37	0.31	0.26	0.20	0.17
	0.20		0.65	0.55	0.47	0.42	0.34	0.29	0.25	0.19	0.16
0.30	0.50	0.20	0.86	0.69	0.57	0.49	0.39	0.31	0.27	0.20	0.16
	0.30		0.73	0.60	0.51	0.45	0.36	0.29	0.25	0.19	0.16
	0.20		0.64	0.54	0.47	0.41	0.33	0.28	0.24	0.18	0.15
0.00	0.00	0.00	0.53	0.44	0.37	0.32	0.25	0.21	0.18	0.13	0.11
<p>Rating:8W 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 = 1.25									
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	0.17	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	0.07	0.08	0.09	0.12	0.13	0.14	0.16	0.17	
0.50	0.50	0.20	0.15	0.16	0.17	0.18	0.19	0.19	0.20	0.20	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	0.07	0.08	0.09	0.11	0.13	0.14	0.16	0.17	
0.30	0.50	0.20	0.15	0.16	0.17	0.17	0.18	0.18	0.19	0.19	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	0.13	0.14	0.15	0.16	
0.00	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	
<p>Rating:8W 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	363.2	0.3	0.3	0.04	0.04
1.0-2.0	362.9	1.0	1.4	0.13	0.17
2.0-3.0	362.3	1.7	3.1	0.21	0.38
3.0-4.0	361.6	2.4	5.5	0.30	0.68
4.0-5.0	360.8	3.1	8.6	0.38	1.06
5.0-6.0	359.8	3.8	12.4	0.47	1.53
6.0-7.0	358.6	4.5	16.9	0.55	2.08
7.0-8.0	357.1	5.1	22.0	0.63	2.71
8.0-9.0	355.4	5.8	27.8	0.71	3.42
9.0-10.0	353.4	6.4	34.1	0.79	4.20
10.0-11.0	351.3	7.0	41.2	0.86	5.07
11.0-12.0	349.1	7.6	48.8	0.94	6.01
12.0-13.0	346.6	8.2	57.0	1.01	7.02
13.0-14.0	343.9	8.8	65.8	1.08	8.11
14.0-15.0	340.9	9.4	75.2	1.15	9.26
15.0-16.0	337.9	9.9	85.1	1.22	10.48
16.0-17.0	334.6	10.4	95.5	1.28	11.76
17.0-18.0	331.1	10.9	106.4	1.34	13.11
18.0-19.0	327.4	11.4	117.8	1.40	14.51
19.0-20.0	323.7	11.8	129.7	1.46	15.97
20.0-21.0	319.9	12.3	142.0	1.51	17.48
21.0-22.0	315.9	12.7	154.7	1.56	19.04
22.0-23.0	311.7	13.1	167.7	1.61	20.65
23.0-24.0	307.4	13.4	181.2	1.66	22.31
24.0-25.0	303.1	13.8	195.0	1.70	24.01
25.0-26.0	298.6	14.1	209.1	1.74	25.74
26.0-27.0	293.8	14.4	223.4	1.77	27.51
27.0-28.0	289.1	14.6	238.1	1.80	29.31
28.0-29.0	284.2	14.9	252.9	1.83	31.14
29.0-30.0	279.2	15.1	268.0	1.86	33.00
30.0-31.0	274.3	15.3	283.3	1.88	34.88
31.0-32.0	269.2	15.4	298.7	1.90	36.78
32.0-33.0	264.1	15.6	314.3	1.92	38.70
33.0-34.0	258.8	15.7	329.9	1.93	40.63
34.0-35.0	253.5	15.7	345.7	1.94	42.56
35.0-36.0	248.1	15.8	361.5	1.95	44.51

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	242.6	15.8	377.3	1.95	46.46
37.0-38.0	237.0	15.8	393.1	1.95	48.41
38.0-39.0	231.4	15.8	408.9	1.94	50.35
39.0-40.0	225.7	15.7	424.7	1.94	52.29
40.0-41.0	220.0	15.7	440.3	1.93	54.22
41.0-42.0	214.3	15.6	455.9	1.92	56.14
42.0-43.0	208.5	15.4	471.4	1.90	58.04
43.0-44.0	202.6	15.3	486.6	1.88	59.92
44.0-45.0	196.9	15.1	501.8	1.86	61.78
45.0-46.0	191.0	14.9	516.7	1.84	63.62
46.0-47.0	185.2	14.7	531.5	1.81	65.44
47.0-48.0	179.4	14.5	546.0	1.79	67.22
48.0-49.0	173.5	14.3	560.2	1.75	68.98
49.0-50.0	167.9	14.0	574.2	1.72	70.70
50.0-51.0	162.3	13.7	587.9	1.69	72.39
51.0-52.0	156.5	13.4	601.4	1.65	74.05
52.0-53.0	150.6	13.1	614.5	1.61	75.66
53.0-54.0	144.7	12.8	627.2	1.57	77.23
54.0-55.0	139.0	12.4	639.6	1.53	78.76
55.0-56.0	133.3	12.0	651.7	1.48	80.24
56.0-57.0	127.6	11.7	663.3	1.44	81.68
57.0-58.0	121.9	11.3	674.6	1.39	83.07
58.0-59.0	116.5	10.9	685.5	1.34	84.41
59.0-60.0	111.1	10.5	696.0	1.29	85.70
60.0-61.0	105.4	10.1	706.1	1.24	86.94
61.0-62.0	99.7	9.6	715.7	1.18	88.12
62.0-63.0	94.2	9.2	724.8	1.13	89.25
63.0-64.0	88.9	8.7	733.6	1.07	90.32
64.0-65.0	83.5	8.3	741.8	1.02	91.34
65.0-66.0	78.2	7.8	749.6	0.96	92.30
66.0-67.0	72.8	7.3	757.0	0.90	93.21
67.0-68.0	67.7	6.9	763.8	0.84	94.05
68.0-69.0	62.7	6.4	770.2	0.79	94.84
69.0-70.0	57.7	5.9	776.1	0.73	95.57
70.0-71.0	52.8	5.5	781.6	0.67	96.24
71.0-72.0	47.9	5.0	786.6	0.61	96.85

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	364.4	362.2	364.4	362.2	364.4					
G1.0	364.7	361.9	363.9	362.1	364.7					
G2.0	364.6	361.4	363.3	361.1	364.6					
G3.0	364.5	361.0	362.5	360.0	364.5					
G4.0	364.0	360.4	361.4	359.2	364.0					
G5.0	363.3	359.4	360.0	358.6	363.3					
G6.0	362.3	358.6	358.5	357.7	362.3					
G7.0	361.3	357.5	356.9	356.0	361.3					
G8.0	360.0	355.5	354.8	354.6	360.0					
G9.0	358.4	354.4	352.8	352.4	358.4					
G10.0	356.8	352.0	350.4	350.1	356.8					
G11.0	354.9	350.4	347.8	348.4	354.9					
G12.0	352.6	348.0	345.2	345.9	352.6					
G13.0	350.4	345.3	342.3	343.3	350.4					
G14.0	347.9	342.6	339.2	340.0	347.9					
G15.0	345.1	339.9	335.9	337.1	345.1					
G16.0	342.3	336.9	332.6	333.9	342.3					
G17.0	339.1	333.5	329.0	329.6	339.1					
G18.0	335.9	330.1	325.2	326.0	335.9					
G19.0	332.5	326.3	321.1	322.4	332.5					
G20.0	328.8	322.9	317.1	318.5	328.8					
G21.0	325.1	319.1	312.9	314.4	325.1					
G22.0	321.3	315.0	308.7	310.4	321.3					
G23.0	317.1	310.8	304.3	306.1	317.1					
G24.0	313.0	306.5	299.6	301.6	313.0					
G25.0	308.7	302.3	294.8	298.0	308.7					
G26.0	304.3	298.0	290.2	292.2	304.3					
G27.0	299.8	292.9	285.4	287.8	299.8					
G28.0	295.1	288.6	280.4	282.7	295.1					
G29.0	290.2	283.6	275.2	277.9	290.2					
G30.0	285.3	278.7	270.1	272.8	285.3					
G31.0	280.4	274.1	264.9	267.7	280.4					
G32.0	275.3	268.9	259.7	262.6	275.3					
G33.0	270.3	263.8	254.4	257.4	270.3					
G34.0	265.0	258.8	249.0	252.0	265.0					
G35.0	259.9	253.4	243.4	246.7	259.9					
G36.0	254.4	248.1	238.0	240.9	254.4					

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:

## Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G37.0	249.1	242.7	232.1	235.6	249.1					
G38.0	243.5	237.0	226.4	229.7	243.5					
G39.0	238.0	231.9	220.6	224.1	238.0					
G40.0	232.2	226.1	214.8	218.3	232.2					
G41.0	226.7	220.3	208.9	212.6	226.7					
G42.0	220.7	215.1	203.1	206.7	220.7					
G43.0	215.1	208.9	197.1	200.9	215.1					
G44.0	209.2	203.7	191.3	194.9	209.2					
G45.0	203.6	197.7	185.5	189.2	203.6					
G46.0	197.5	191.8	179.6	183.3	197.5					
G47.0	191.8	186.2	173.7	177.4	191.8					
G48.0	185.9	180.4	167.9	171.5	185.9					
G49.0	180.2	174.5	162.0	165.8	180.2					
G50.0	174.3	169.0	156.1	161.1	174.3					
G51.0	168.5	163.2	150.4	155.6	168.5					
G52.0	162.6	157.6	144.6	149.7	162.6					
G53.0	156.8	151.7	138.9	142.6	156.8					
G54.0	151.1	146.3	133.1	136.8	151.1					
G55.0	145.3	140.5	127.5	131.0	145.3					
G56.0	139.6	135.0	121.8	125.4	139.6					
G57.0	133.9	129.3	116.1	119.8	133.9					
G58.0	128.1	123.8	110.4	114.1	128.1					
G59.0	122.5	118.1	104.9	109.9	122.5					
G60.0	116.9	112.7	99.3	104.5	116.9					
G61.0	111.4	107.3	93.8	97.4	111.4					
G62.0	105.7	101.8	88.3	92.0	105.7					
G63.0	100.3	96.3	83.0	86.5	100.3					
G64.0	94.9	91.2	77.6	81.2	94.9					
G65.0	89.5	85.6	72.4	76.0	89.5					
G66.0	84.0	80.6	67.2	70.7	84.0					
G67.0	79.0	73.8	62.1	65.4	79.0					
G68.0	73.6	70.3	56.8	60.3	73.6					
G69.0	68.3	65.0	52.0	55.2	68.3					
G70.0	63.2	60.3	47.1	50.3	63.2					
G71.0	58.2	55.3	42.3	45.4	58.2					
G72.0	53.1	50.4	37.5	40.6	53.1					
G73.0	48.2	45.6	32.9	35.9	48.2					

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: