

Report No.:

Test Time: 2021-10-20 10:30

## Luminaire Property

Luminaire Manufacturer:

Luminaire Description: ADLED6W85D-3T

Number of Lamps: 1

Luminous Length (mm): 67 mm

Luminous Height (mm): 0 mm

Current: 0.029 A

Power Factor: 0.943

Lamp Catalog: 3000K

Lumens per Lamp: 593.2 lm

Luminous Width (mm): 67 mm

Voltage: 230.8 V

Power: 6.21 W

## Photometric Results

CIE Class: Direct

Measurement Flux: 593.2 lm

Downward Ratio: 100.00%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 154.6, 153.6, 154.5, 154.6

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 101.8, 101.8, 102.0, 102.1

Luminaire Efficacy Rating (LER): 95.57

Max. Intensity: 238.48 cd

S/MH(C0/C180): 1.18

Total Rated Lamp Lumens: 593.2 lm

Efficiency: 100.00%

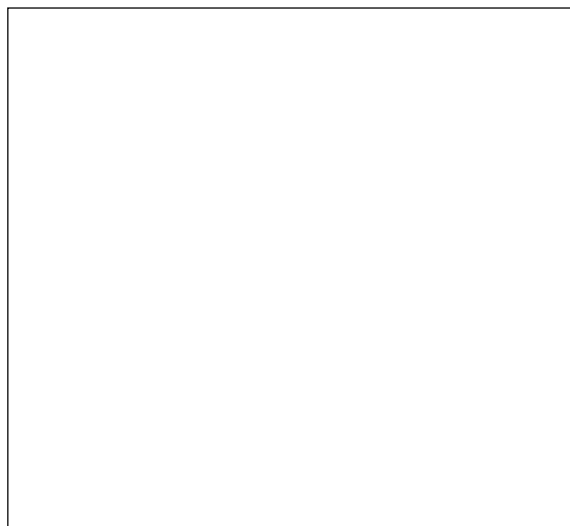
Upward Ratio: 0.00%

Central Intensity: 238.17 cd

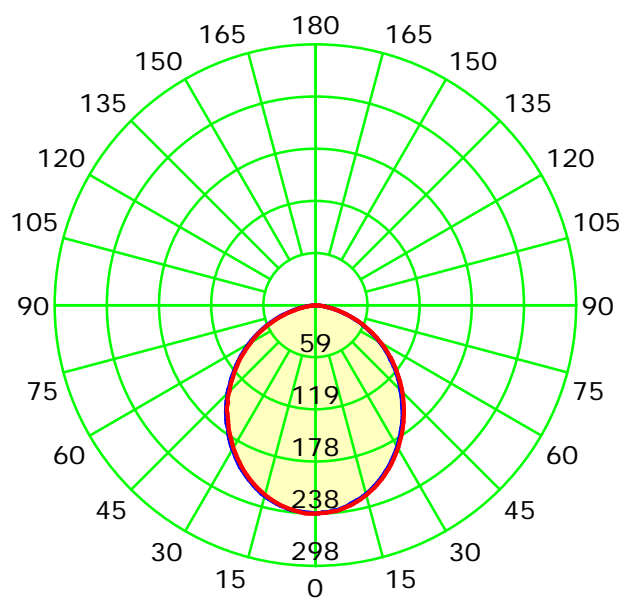
Pos of Max. Intensity: H270 V1

S/MH(C90/C270): 1.18

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature: 30°C

Operator: YAN

Gamma Plane (°):0.0-90.0: 1.0

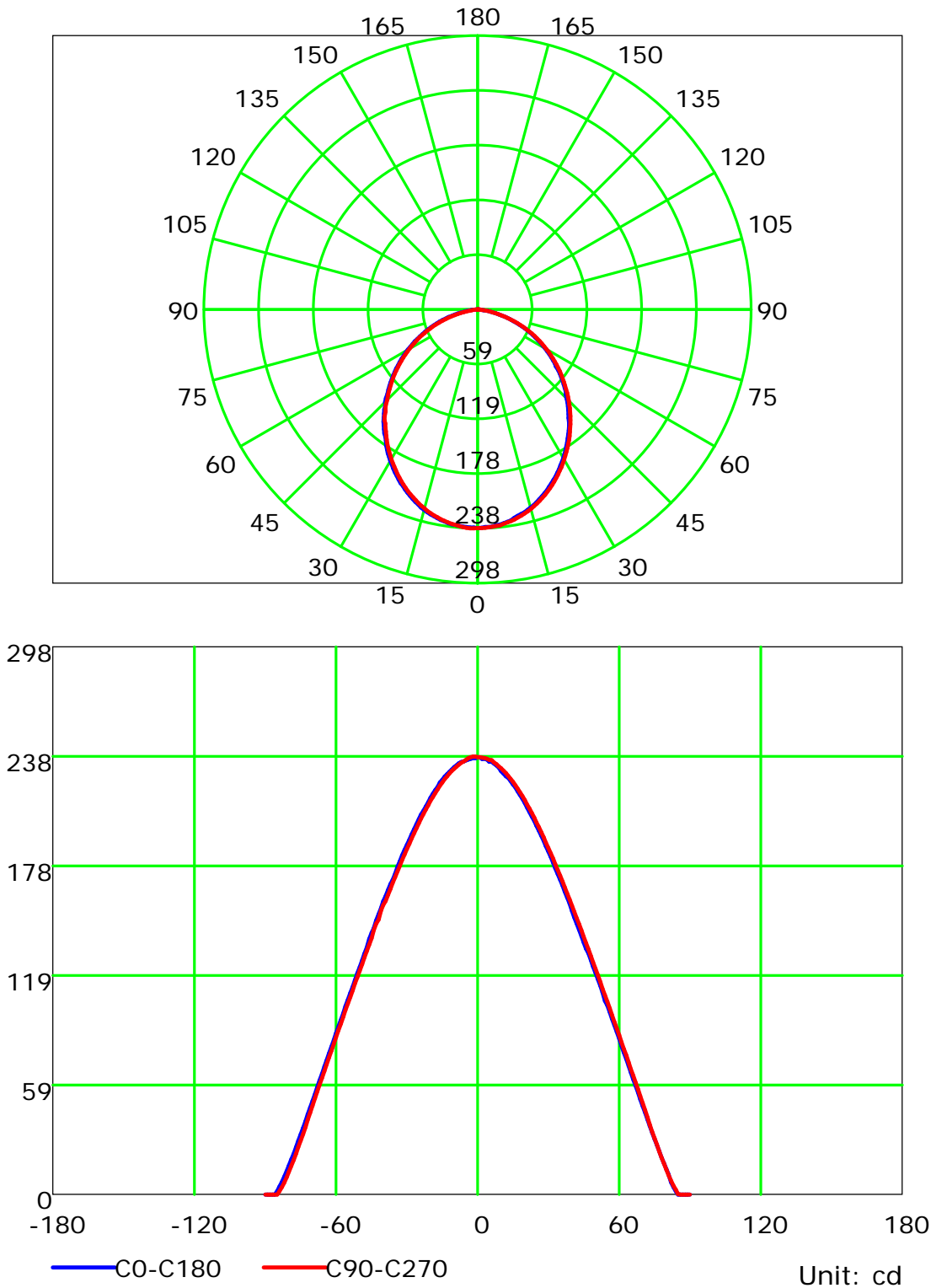
Test Device: GPM-1600

Distance: 7.919 m

Humidity: 50%

Inspector:

Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 45.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 30°C  
Operator: YAN

Gamma Plane (°):0.0-90.0:1.0  
Test Device: GPM-1600  
Distance: 7.919 m  
Humidity: 50%  
Inspector:

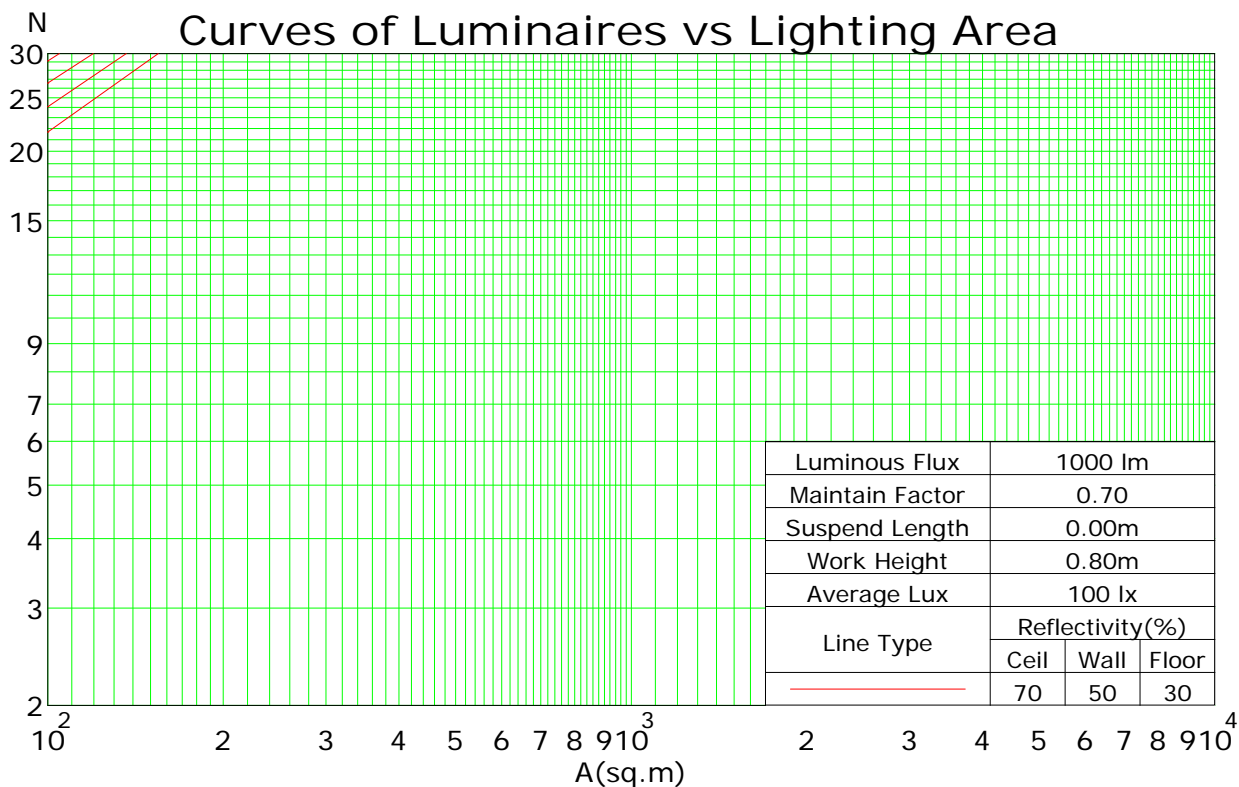
## Coefficients Of Utilization - Zonal Cavity Method

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	105	101	98	107	103	99	96	99	96	93	95	92	90	91	89	87	85
2	100	92	86	80	97	90	84	79	87	82	78	84	79	76	81	77	74	72
3	91	81	74	67	89	80	73	67	77	71	66	74	69	64	72	67	63	61
4	84	72	64	57	82	71	63	57	69	62	56	66	60	55	64	59	55	53
5	77	65	56	50	75	64	56	49	62	54	49	60	53	48	58	52	48	46
6	72	59	50	44	70	58	49	43	56	48	43	54	48	43	53	47	42	40
7	66	53	45	39	65	52	44	38	51	44	38	49	43	38	48	42	38	36
8	62	49	40	35	60	48	40	34	47	39	34	45	39	34	44	38	34	32
9	58	45	37	31	56	44	36	31	43	36	31	42	35	31	41	35	31	29
10	54	41	34	28	53	41	33	28	40	33	28	39	33	28	38	32	28	26

Spacing Criteria (0-180): 1.18

Spacing Criteria (90-270): 1.18

Spacing Criteria (Diagonal): 1.30



C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature: 30°C

Operator: YAN

Gamma Plane (°):0.0-90.0:1.0

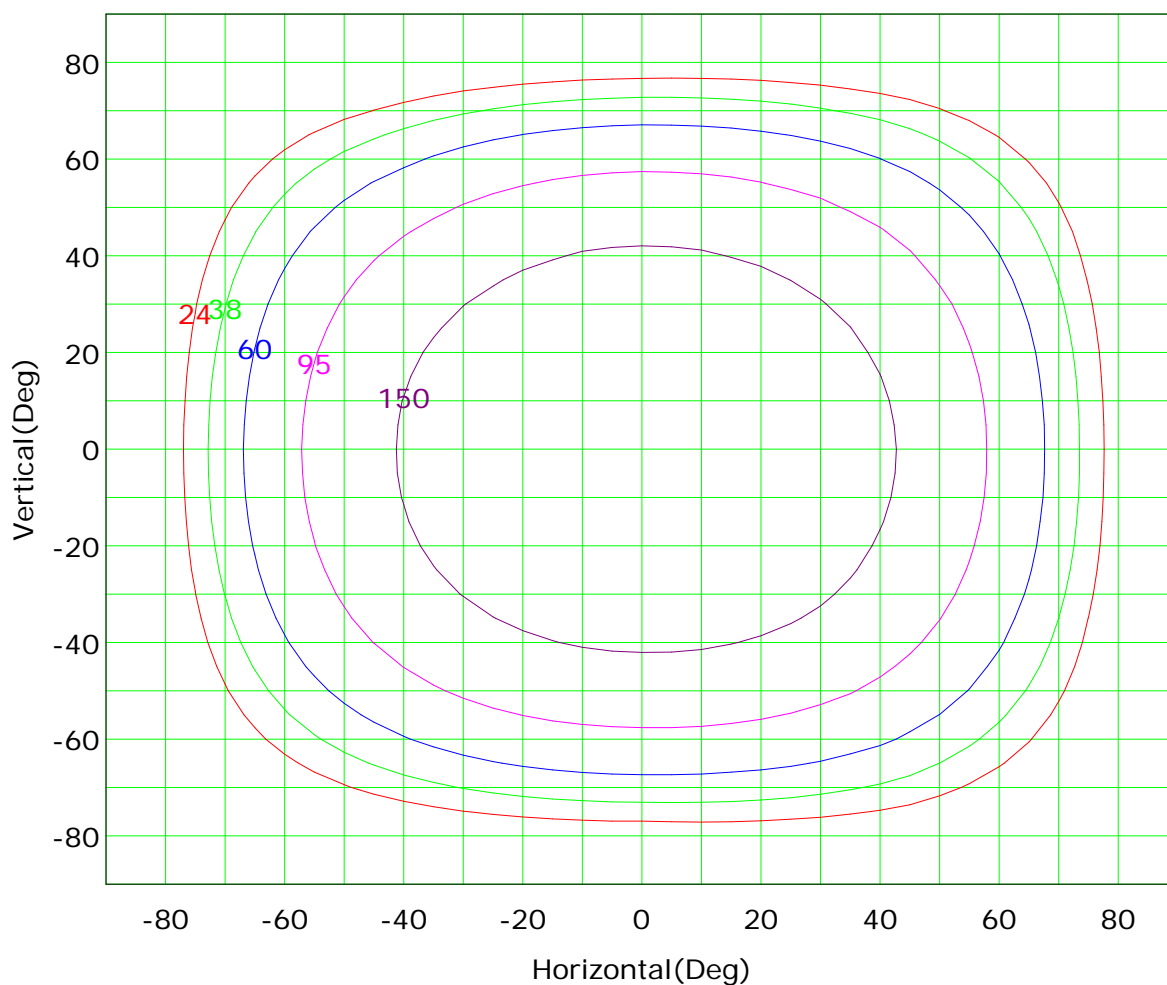
Test Device: GPM-1600

Distance: 7.919 m

Humidity: 50%

Inspector:

## Isocandela (rectangle)



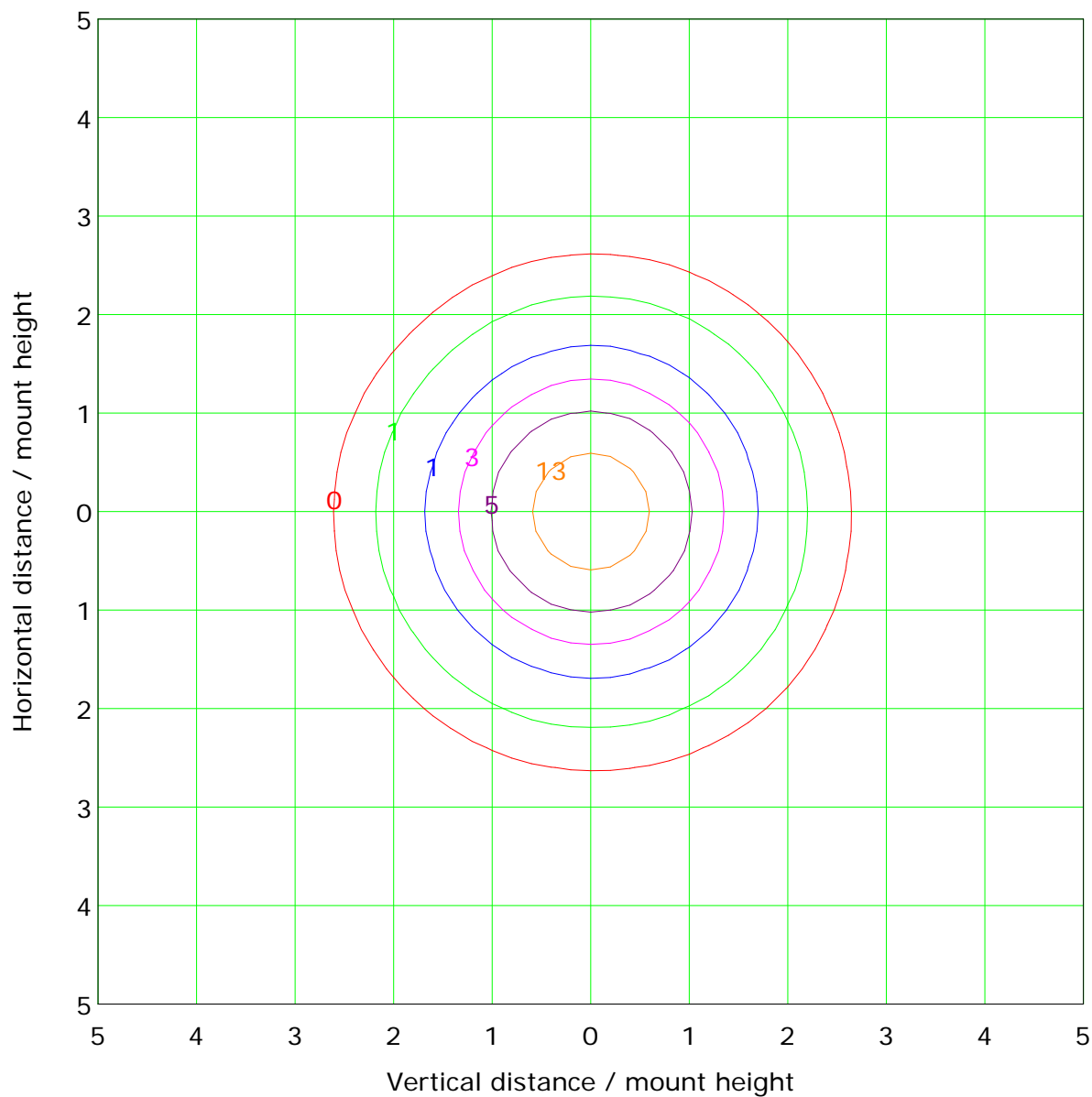
I<sub>max</sub> (100%): 238 cd

( 10%):	24 cd	( 16%):	38 cd
( 25%):	60 cd	( 40%):	95 cd
( 63%):	150 cd	(100%):	238 cd

C Plane (°):0.0-360.0: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 30°C  
 Operator: YAN

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1600  
 Distance: 7.919 m  
 Humidity: 50%  
 Inspector:

IsoLux Plot



Mounting Height: 3.0m		Max Lux(100%): 26.5 lx	
( 1%):	0.3 lx	( 2%):	0.5 lx
( 5%):	1.3 lx	(10%):	2.6 lx
(20%):	5.3 lx	(50%):	13.2 lx
(100%):	26.5 lx		

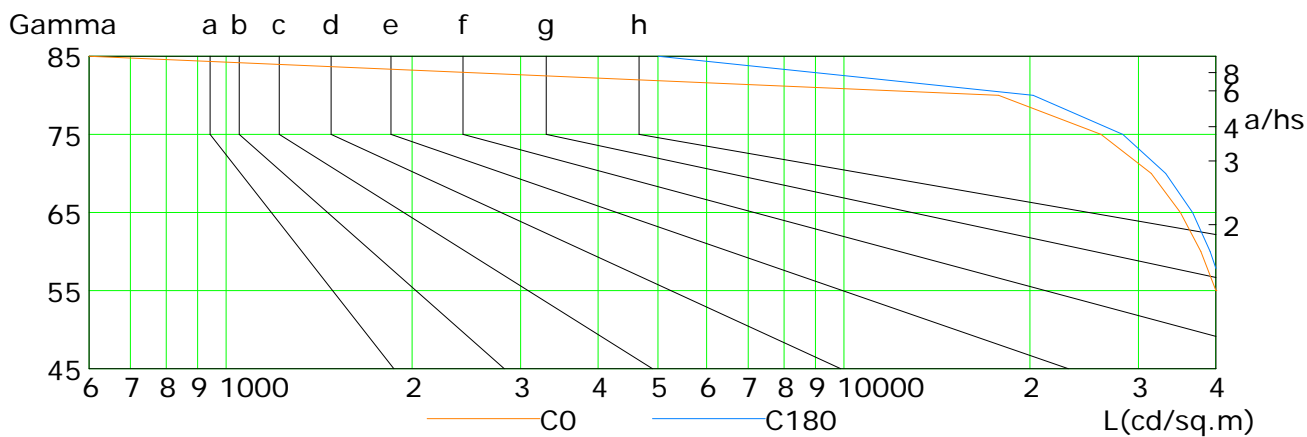
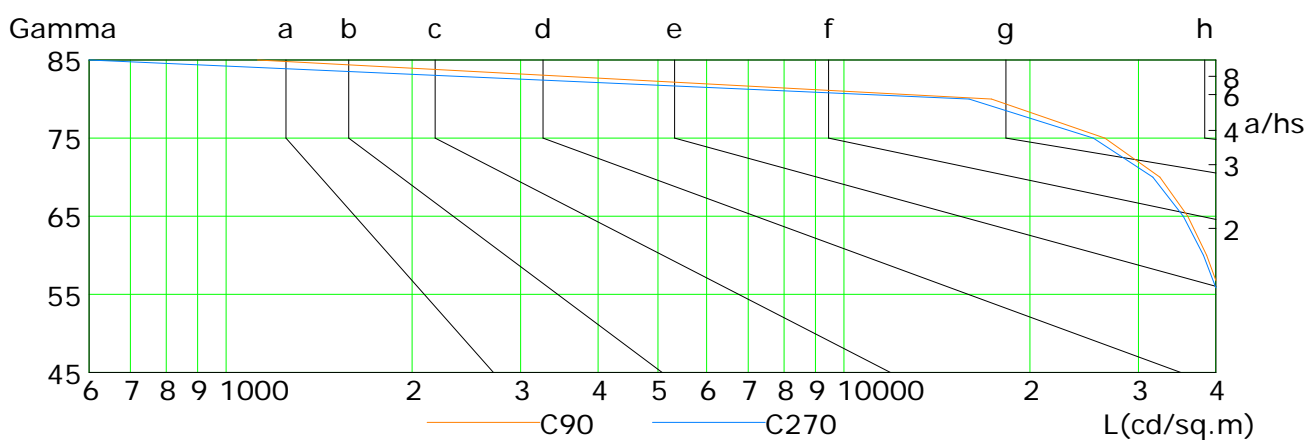
C Plane (°):0.0-360.0: 45.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 30°C  
Operator: YAN

Gamma Plane (°):0.0-90.0:1.0  
Test Device: GPM-1600  
Distance: 7.919 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

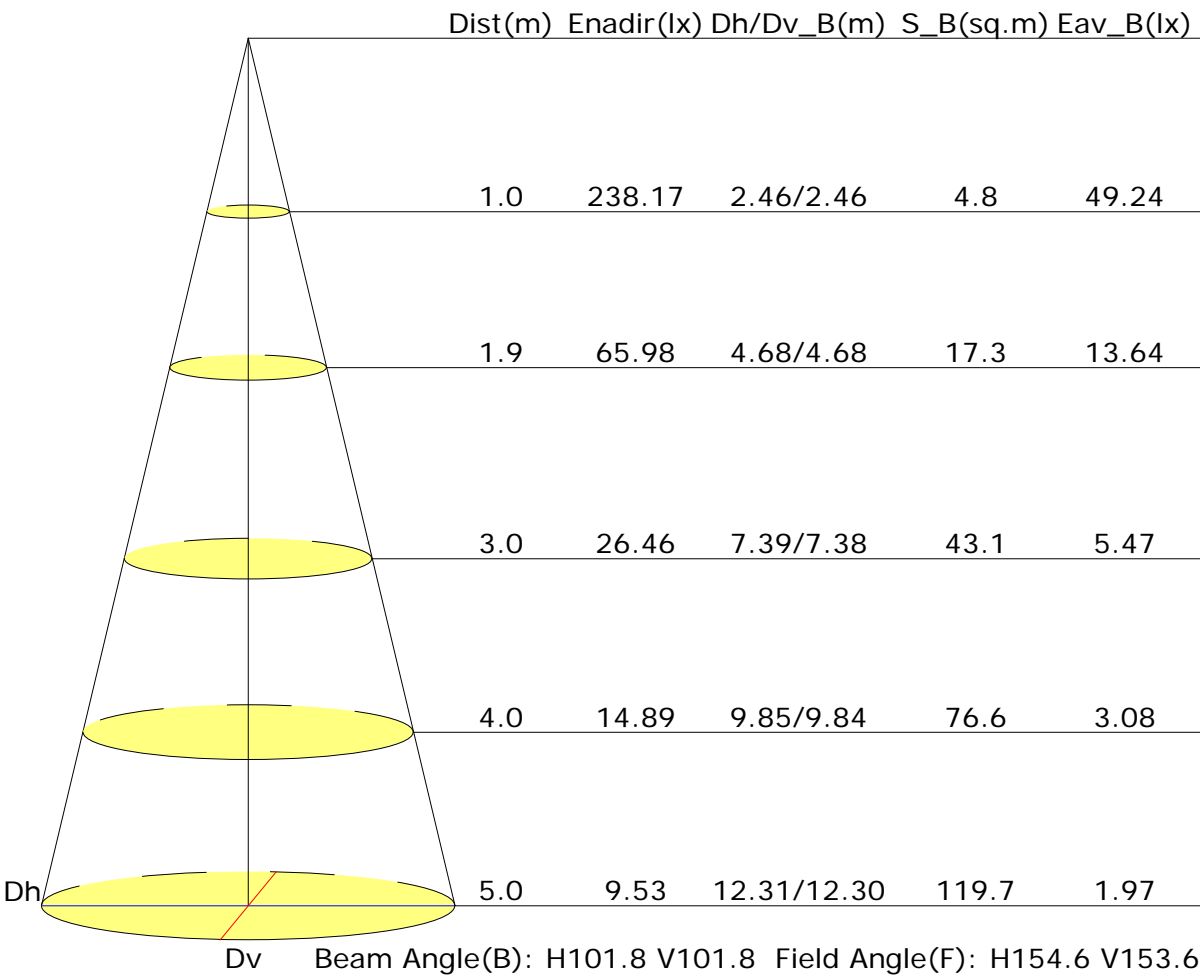


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	43258	41861	40019	37839	35074	31453	26088	17806	0
C90	44232	42624	40811	38677	36054	32469	26467	17344	1125
C180	44887	42950	41203	39176	36692	33198	28283	20256	5010
C270	43951	42284	40423	38182	35459	31641	25339	15959	0

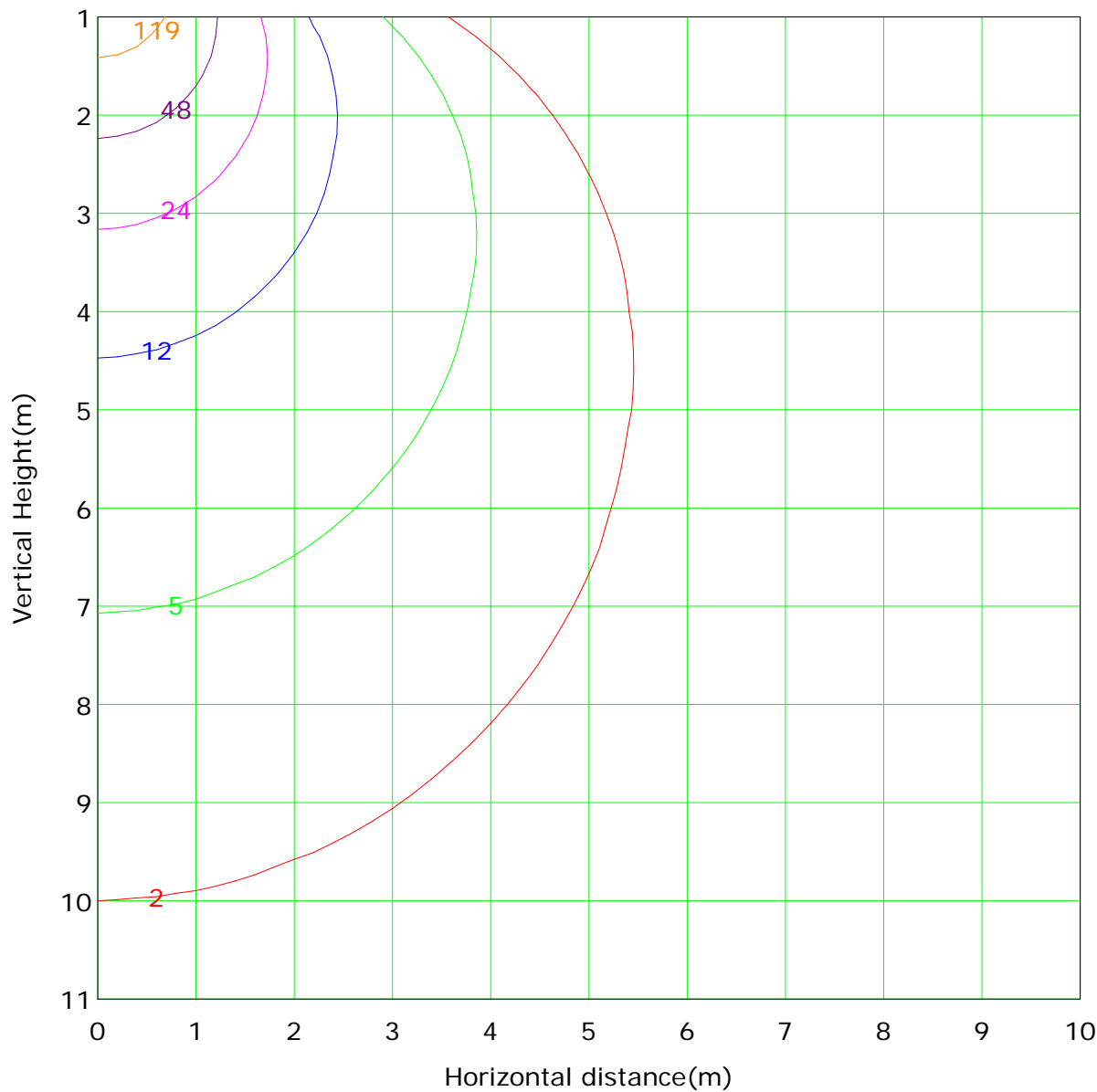
C Plane (°): 0.0-360.0: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 30°C  
 Operator: YAN

Gamma Plane (°): 0.0-90.0: 1.0  
 Test Device: GPM-1600  
 Distance: 7.919 m  
 Humidity: 50%  
 Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m	Highest(m): 11.0m	Max Lux: 238.2 lx
( 1%): 2.4 lx	( 2%): 4.8 lx	
( 5%): 11.9 lx	( 10%): 23.8 lx	
( 20%): 47.6 lx	( 50%): 119.1 lx	
(100%): 238.2 lx		

C Plane (°):0.0-360.0: 45.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 30°C  
Operator: YAN

Gamma Plane (°):0.0-90.0:1.0  
Test Device: GPM-1600  
Distance: 7.919 m  
Humidity: 50%  
Inspector:





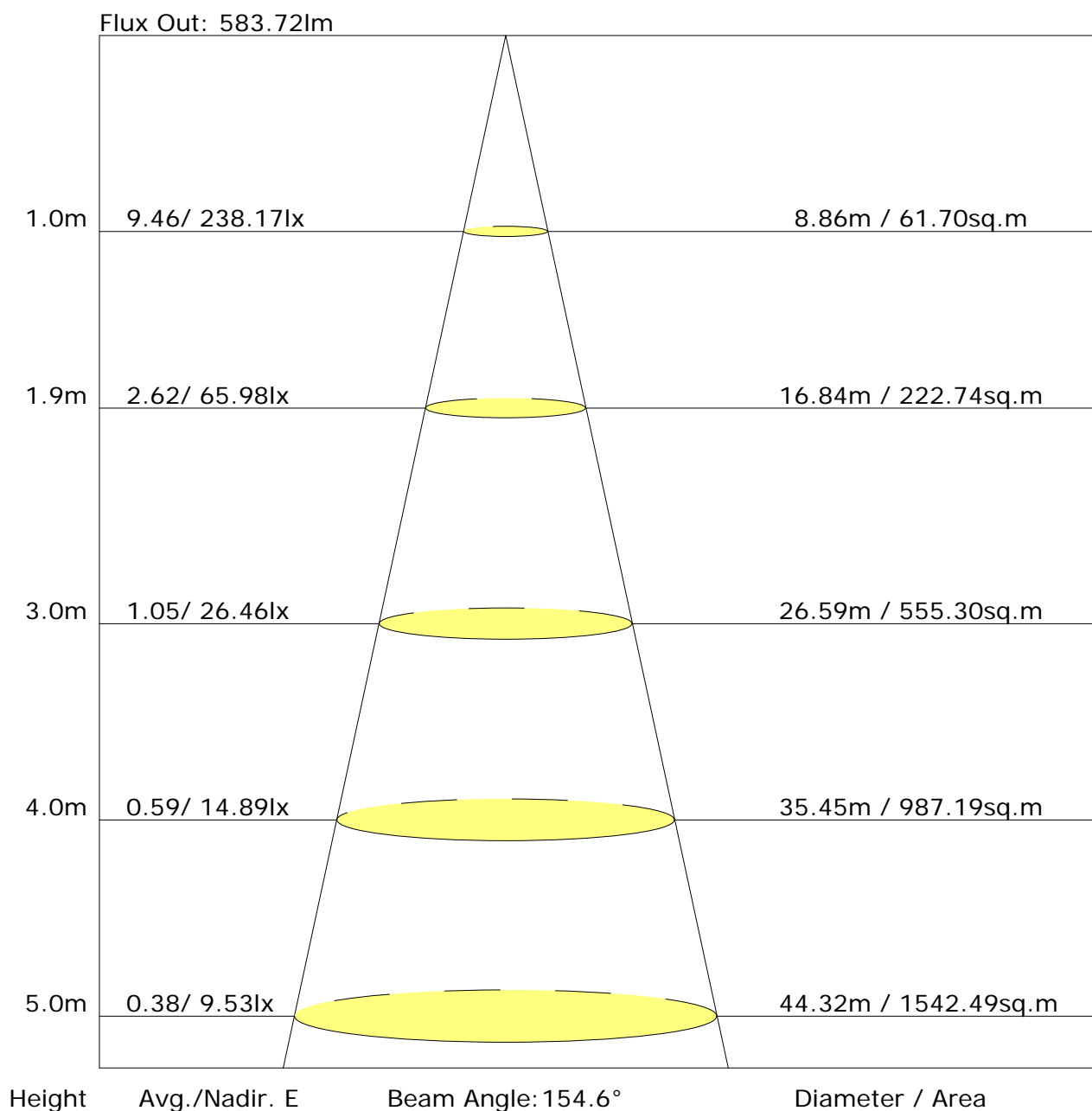
Area Flux Table

		Unit: lm																				
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
Vertical plane	-90	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0
	-80	0.0	0.0	0.1	0.2	0.4	0.6	0.7	0.8	0.9	0.9	0.8	0.6	0.5	0.3	0.1	0.0	0.0	0.0	0.0	7.0	4.3
	-70	0.0	0.0	0.2	0.5	0.9	1.3	1.6	1.9	2.0	2.0	1.8	1.5	1.2	0.8	0.4	0.2	0.0	0.0	0.0	16.5	15.8
	-60	0.0	0.1	0.4	0.8	1.4	2.0	2.5	2.9	3.1	3.1	2.9	2.4	1.9	1.3	0.8	0.3	0.1	0.0	0.1	26.1	25.7
	-50	0.0	0.1	0.5	1.1	1.9	2.7	3.4	3.9	4.2	4.2	3.9	3.3	2.6	1.8	1.1	0.5	0.1	0.0	0.0	35.2	35.0
	-40	0.0	0.2	0.7	1.4	2.3	3.3	4.1	4.8	5.2	5.2	4.8	4.1	3.2	2.2	1.3	0.6	0.2	0.1	0.0	43.5	43.4
	-30	0.0	0.2	0.8	1.6	2.6	3.8	4.8	5.6	6.1	6.1	5.6	4.7	3.7	2.6	1.6	0.7	0.2	0.0	0.0	50.6	50.5
	-20	0.0	0.3	0.9	1.8	2.9	4.1	5.3	6.2	6.7	6.7	6.2	5.2	4.0	2.8	1.7	0.8	0.2	0.0	0.0	55.9	55.8
	-10	0.0	0.3	0.9	1.8	3.0	4.3	5.6	6.6	7.1	7.1	6.5	5.5	4.2	2.9	1.8	0.9	0.3	0.0	0.0	58.8	58.7
	0	0.0	0.3	0.9	1.9	3.0	4.3	5.6	6.6	7.1	7.1	6.5	5.5	4.2	3.0	1.8	0.9	0.3	0.0	0.0	58.9	58.8
10	0.0	0.3	0.9	1.8	2.9	4.2	5.3	6.3	6.8	6.7	6.2	5.2	4.1	2.8	1.7	0.8	0.2	0.0	0.0	56.3	56.2	
20	0.0	0.2	0.8	1.6	2.7	3.8	4.9	5.7	6.1	6.1	5.6	4.8	3.7	2.6	1.6	0.8	0.2	0.0	0.0	51.2	51.0	
30	0.0	0.2	0.7	1.4	2.4	3.3	4.2	4.9	5.2	5.2	4.8	4.1	3.2	2.3	1.4	0.6	0.2	0.0	0.0	44.2	44.0	
40	0.0	0.2	0.6	1.2	1.9	2.7	3.4	4.0	4.2	4.2	3.9	3.3	2.6	1.8	1.1	0.5	0.1	0.0	0.0	35.9	35.7	
50	0.0	0.1	0.4	0.9	1.5	2.1	2.6	3.0	3.2	3.2	2.9	2.5	2.0	1.4	0.8	0.4	0.1	0.0	0.0	26.8	26.5	
60	0.0	0.1	0.2	0.6	1.0	1.4	1.7	2.0	2.1	2.1	1.9	1.6	1.2	0.8	0.5	0.2	0.0	0.0	0.0	17.2	16.6	
70	0.0	0.0	0.1	0.2	0.4	0.6	0.8	0.9	1.0	0.9	0.9	0.7	0.5	0.3	0.2	0.0	0.0	0.0	0.0	7.7	5.1	
80	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	
90	0.1	2.6	9.0	19.0	31.3	44.5	56.8	66.2	71.2	70.9	65.2	55.3	42.8	29.8	17.8	8.3	2.2	0.1	593			
Flux(E)	0.0	1.7	8.4	18.4	30.8	44.0	56.2	65.6	70.7	70.3	64.7	54.7	42.3	29.2	17.3	7.7	1.4	0.0			583	
Horizontal plane																						

C Plane (°):0.0-360.0: 45.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 30°C  
Operator: YAN

Gamma Plane (°):0.0-90.0:1.0  
Test Device: GPM-1600  
Distance: 7.919 m  
Humidity: 50%  
Inspector:

## The Average Illuminance Effective Figure



C Plane (°): 0.0-360.0: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 30°C  
 Operator: YAN

Gamma Plane (°): 0.0-90.0: 1.0  
 Test Device: GPM-1600  
 Distance: 7.919 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	25.3	26.6	25.6	26.9	27.1	25.3	26.7	25.6	26.9	27.2
3H	26.6	27.8	26.9	28.1	28.4	26.7	27.9	27.0	28.2	28.4
4H	27.0	28.2	27.4	28.5	28.8	27.1	28.2	27.4	28.5	28.8
6H	27.3	28.3	27.6	28.6	28.9	27.3	28.4	27.7	28.7	29.0
8H	27.3	28.3	27.6	28.6	28.9	27.3	28.3	27.7	28.6	29.0
12H	27.2	28.2	27.6	28.5	28.9	27.3	28.3	27.6	28.6	28.9
X=4H Y=2H	25.9	27.0	26.2	27.3	27.6	25.9	27.1	26.3	27.4	27.7
3H	27.4	28.3	27.7	28.7	29.0	27.4	28.4	27.8	28.7	29.1
4H	27.9	28.8	28.3	29.1	29.5	27.9	28.8	28.3	29.2	29.5
6H	28.2	29.0	28.6	29.3	29.7	28.2	29.0	28.6	29.4	29.8
8H	28.2	28.9	28.6	29.3	29.7	28.2	28.9	28.7	29.3	29.8
12H	28.2	28.8	28.6	29.2	29.7	28.2	28.8	28.7	29.3	29.7
X=8H Y=4H	28.1	28.8	28.5	29.2	29.6	28.1	28.8	28.6	29.2	29.6
6H	28.4	29.0	28.9	29.4	29.9	28.5	29.0	28.9	29.5	29.9
8H	28.5	29.0	29.0	29.4	29.9	28.5	29.0	29.0	29.4	29.9
12H	28.5	28.9	29.0	29.4	29.9	28.5	28.9	29.0	29.4	29.9
X=12H Y=4H	28.1	28.7	28.5	29.1	29.6	28.1	28.7	28.6	29.2	29.6
6H	28.4	28.9	28.9	29.4	29.9	28.5	29.0	28.9	29.4	29.9
8H	28.5	28.9	29.0	29.4	29.9	28.5	28.9	29.0	29.4	29.9
Variations with the observer position at spacings:										
S=1.0H	+0.2/-0.2					+0.2/-0.2				
S=1.5H	+0.3/-0.6					+0.3/-0.6				
S=2.0H	+0.6/-1.0					+0.6/-1.0				

Calculate in accordance with CIE Pub.117. The table is revised with 593lm ( $8\log(F/F_0) = -1.8$ ).

C Plane (°):0.0-360.0: 45.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 30°C  
Operator: YAN

Gamma Plane (°):0.0-90.0:1.0  
Test Device: GPM-1600  
Distance: 7.919 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	0.59	0.70	0.77	0.82	0.89	0.94	0.97	1.02	1.05
	0.30		0.52	0.62	0.70	0.75	0.83	0.89	0.93	0.98	1.01
	0.20		0.46	0.57	0.64	0.70	0.79	0.85	0.89	0.95	0.98
0.50	0.50	0.20	0.58	0.68	0.74	0.79	0.86	0.91	0.94	0.98	1.00
	0.30		0.51	0.61	0.68	0.74	0.81	0.86	0.90	0.95	0.98
	0.20		0.46	0.56	0.64	0.69	0.77	0.83	0.87	0.92	0.95
0.30	0.50	0.20	0.56	0.66	0.72	0.77	0.83	0.87	0.90	0.94	0.97
	0.30		0.50	0.60	0.67	0.72	0.79	0.84	0.87	0.92	0.94
	0.20		0.46	0.56	0.63	0.68	0.76	0.81	0.84	0.89	0.92
0.00	0.00	0.00	0.43	0.53	0.60	0.65	0.72	0.77	0.80	0.85	0.88
<p>Rating: 6W 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	0.96	0.78	0.66	0.57	0.45	0.37	0.32	0.24	0.20	
	0.30		0.80	0.67	0.58	0.51	0.41	0.34	0.29	0.23	0.19	
	0.20		0.68	0.58	0.51	0.45	0.37	0.32	0.27	0.21	0.18	
0.50	0.50	0.20	0.92	0.75	0.63	0.55	0.43	0.39	0.30	0.23	0.19	
	0.30		0.78	0.65	0.56	0.49	0.39	0.33	0.28	0.22	0.18	
	0.20		0.68	0.58	0.50	0.44	0.36	0.31	0.26	0.21	0.17	
0.30	0.50	0.20	0.89	0.72	0.61	0.52	0.41	0.34	0.29	0.22	0.18	
	0.30		0.76	0.64	0.54	0.48	0.38	0.32	0.27	0.21	0.17	
	0.20		0.67	0.57	0.49	0.44	0.35	0.30	0.25	0.20	0.16	
0.00	0.00	0.00	0.57	0.47	0.40	0.35	0.28	0.23	0.19	0.15	0.12	
Rating: 6W 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 = 1.25								
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	0.19	0.20	0.20	0.21	0.21	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	0.17	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	0.06	0.08	0.09	0.11	0.13	0.14	0.15	0.16
0.30	0.50	0.20	0.15	0.16	0.17	0.17	0.18	0.19	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	0.12	0.13	0.15	0.16
0.00	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
Rating: 6W 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	238.1	0.2	0.2	0.04	0.04
1.0-2.0	237.9	0.7	0.9	0.12	0.15
2.0-3.0	237.7	1.1	2.0	0.19	0.35
3.0-4.0	237.4	1.6	3.6	0.27	0.61
4.0-5.0	236.8	2.0	5.7	0.34	0.96
5.0-6.0	236.2	2.5	8.2	0.42	1.38
6.0-7.0	235.5	2.9	11.1	0.49	1.87
7.0-8.0	234.7	3.4	14.4	0.57	2.43
8.0-9.0	233.7	3.8	18.2	0.64	3.07
9.0-10.0	232.5	4.2	22.4	0.71	3.78
10.0-11.0	231.3	4.6	27.1	0.78	4.56
11.0-12.0	230.0	5.0	32.1	0.85	5.41
12.0-13.0	228.6	5.4	37.5	0.91	6.32
13.0-14.0	227.1	5.8	43.3	0.98	7.30
14.0-15.0	225.5	6.2	49.5	1.04	8.35
15.0-16.0	223.7	6.6	56.1	1.11	9.45
16.0-17.0	221.8	6.9	63.0	1.16	10.62
17.0-18.0	219.8	7.2	70.2	1.22	11.84
18.0-19.0	217.8	7.6	77.8	1.28	13.12
19.0-20.0	215.6	7.9	85.7	1.33	14.45
20.0-21.0	213.4	8.2	93.9	1.38	15.83
21.0-22.0	211.1	8.5	102.4	1.43	17.26
22.0-23.0	208.7	8.8	111.1	1.48	18.74
23.0-24.0	206.3	9.0	120.2	1.52	20.26
24.0-25.0	203.7	9.3	129.4	1.56	21.82
25.0-26.0	201.1	9.5	138.9	1.60	23.42
26.0-27.0	198.4	9.7	148.6	1.64	25.05
27.0-28.0	195.6	9.9	158.5	1.67	26.73
28.0-29.0	192.8	10.1	168.6	1.70	28.43
29.0-30.0	189.9	10.3	178.9	1.73	30.15
30.0-31.0	187.0	10.4	189.3	1.75	31.91
31.0-32.0	184.1	10.6	199.8	1.78	33.69
32.0-33.0	181.2	10.7	210.5	1.80	35.49
33.0-34.0	178.0	10.8	221.3	1.82	37.30
34.0-35.0	174.8	10.9	232.1	1.83	39.13
35.0-36.0	171.6	10.9	243.1	1.84	40.98

C Plane (°): 0.0-360.0: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 30°C  
 Operator: YAN

Gamma Plane (°): 0.0-90.0: 1.0  
 Test Device: GPM-1600  
 Distance: 7.919 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	168.5	11.0	254.1	1.85	42.83
37.0-38.0	165.2	11.0	265.1	1.86	44.69
38.0-39.0	161.9	11.1	276.2	1.86	46.55
39.0-40.0	158.7	11.1	287.2	1.87	48.42
40.0-41.0	155.5	11.1	298.3	1.87	50.29
41.0-42.0	152.0	11.0	309.3	1.86	52.15
42.0-43.0	148.6	11.0	320.4	1.86	54.00
43.0-44.0	145.2	11.0	331.3	1.85	55.85
44.0-45.0	141.7	10.9	342.2	1.84	57.69
45.0-46.0	138.3	10.8	353.0	1.82	59.51
46.0-47.0	134.8	10.7	363.8	1.81	61.32
47.0-48.0	131.3	10.6	374.4	1.79	63.11
48.0-49.0	127.8	10.5	384.9	1.77	64.88
49.0-50.0	124.3	10.4	395.2	1.75	66.63
50.0-51.0	120.8	10.2	405.4	1.72	68.35
51.0-52.0	117.2	10.1	415.5	1.70	70.04
52.0-53.0	113.6	9.9	425.4	1.67	71.71
53.0-54.0	110.0	9.7	435.1	1.63	73.35
54.0-55.0	106.4	9.5	444.6	1.60	74.95
55.0-56.0	102.9	9.3	453.9	1.57	76.51
56.0-57.0	99.3	9.1	463.0	1.53	78.04
57.0-58.0	95.6	8.8	471.8	1.49	79.53
58.0-59.0	91.9	8.6	480.4	1.45	80.98
59.0-60.0	88.3	8.3	488.7	1.41	82.39
60.0-61.0	84.6	8.1	496.8	1.36	83.75
61.0-62.0	81.0	7.8	504.6	1.32	85.07
62.0-63.0	77.3	7.5	512.1	1.27	86.33
63.0-64.0	73.6	7.2	519.3	1.22	87.55
64.0-65.0	69.9	6.9	526.3	1.17	88.72
65.0-66.0	66.1	6.6	532.9	1.11	89.83
66.0-67.0	62.5	6.3	539.1	1.06	90.89
67.0-68.0	58.8	6.0	545.1	1.01	91.89
68.0-69.0	55.2	5.6	550.7	0.95	92.84
69.0-70.0	51.4	5.3	556.0	0.89	93.73
70.0-71.0	47.7	4.9	561.0	0.83	94.56
71.0-72.0	44.0	4.6	565.5	0.77	95.34

C Plane (°): 0.0-360.0: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 30°C  
 Operator: YAN

Gamma Plane (°): 0.0-90.0: 1.0  
 Test Device: GPM-1600  
 Distance: 7.919 m  
 Humidity: 50%  
 Inspector:



## Zonal Lumen (Continue 2)

[illegible]

Gamma Plane (°):0.0-90.0:1.0  
Test Device: GPM-1600  
Distance: 7.919 m  
Humidity: 50%  
Inspector:

## Candlepower Table

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G0.0	238.2	238.2	238.2	238.2	238.2	238.2	238.2	238.2	238.2	
G1.0	237.9	238.1	238.1	238.2	237.6	238.1	238.5	238.0	237.9	
G2.0	237.1	237.8	237.9	238.1	237.5	237.9	238.4	237.4	237.1	
G3.0	237.3	237.5	237.6	237.9	237.2	237.6	238.1	237.4	237.3	
G4.0	236.8	237.1	237.2	237.6	236.9	237.3	237.6	236.9	236.8	
G5.0	235.6	236.5	236.6	237.1	236.4	236.7	236.6	236.4	235.6	
G6.0	235.6	235.8	236.5	236.5	235.8	236.0	235.8	235.6	235.6	
G7.0	234.6	235.1	235.1	236.1	235.5	235.2	235.0	234.4	234.6	
G8.0	233.6	234.1	234.3	235.0	234.8	234.3	234.0	233.5	233.6	
G9.0	232.5	233.0	233.2	234.2	233.7	233.2	233.0	232.2	232.5	
G10.0	230.5	231.8	232.1	233.0	232.6	232.1	231.9	231.0	230.5	
G11.0	229.2	230.5	230.8	232.0	231.4	230.8	230.6	229.9	229.2	
G12.0	227.7	229.1	229.5	230.7	230.0	229.4	229.2	228.4	227.7	
G13.0	226.9	227.6	228.0	229.4	228.9	228.0	227.6	226.8	226.9	
G14.0	225.1	226.0	226.4	228.0	227.5	226.4	226.1	225.1	225.1	
G15.0	223.3	224.3	224.7	226.2	225.8	224.7	224.3	223.3	223.3	
G16.0	221.7	222.4	222.9	224.6	224.4	222.9	222.6	221.4	221.7	
G17.0	219.7	220.5	221.0	222.7	222.0	221.0	220.6	219.3	219.7	
G18.0	217.6	218.4	219.0	220.6	220.2	219.0	218.6	217.1	217.6	
G19.0	215.5	216.4	216.9	219.0	218.1	216.8	216.4	214.9	215.5	
G20.0	213.1	214.1	214.8	216.6	215.9	214.7	214.3	212.4	213.1	
G21.0	210.8	211.8	212.5	214.6	213.7	212.4	212.0	210.3	210.8	
G22.0	208.4	209.4	210.2	212.3	211.3	210.0	209.7	207.9	208.4	
G23.0	205.9	207.1	207.8	209.8	208.9	207.6	207.1	205.9	205.9	
G24.0	203.4	204.5	205.3	207.4	206.8	205.1	204.7	203.1	203.4	
G25.0	200.9	201.9	202.6	204.9	204.3	202.6	202.1	200.4	200.9	
G26.0	198.1	199.2	200.1	202.4	201.6	199.8	199.4	197.8	198.1	
G27.0	195.4	196.4	197.3	199.8	198.8	197.1	196.6	194.8	195.4	
G28.0	192.6	193.7	194.6	197.1	196.0	194.3	193.8	192.1	192.6	
G29.0	189.6	190.8	191.6	194.2	193.1	191.5	191.0	189.0	189.6	
G30.0	186.9	187.9	188.8	191.3	190.4	188.5	188.1	186.1	186.9	
G31.0	183.9	185.0	185.8	188.7	187.5	185.6	185.1	183.3	183.9	
G32.0	180.7	182.0	182.9	185.6	184.6	183.3	182.2	180.1	180.7	
G33.0	177.6	178.9	179.8	182.5	181.6	180.5	179.0	177.1	177.6	
G34.0	174.5	175.8	176.8	179.6	178.6	176.4	176.0	173.9	174.5	
G35.0	171.5	172.7	173.6	176.5	174.5	173.3	172.8	170.7	171.5	
G36.0	168.2	169.5	170.5	173.4	171.4	170.1	169.7	167.7	168.2	

C Plane (°):0.0-360.0: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 30°C  
 Operator: YAN

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1600  
 Distance: 7.919 m  
 Humidity: 50%  
 Inspector:

## Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G37.0	165.0	166.1	167.3	170.4	169.1	166.9	166.4	164.2	165.0	
G38.0	161.8	163.0	163.9	167.1	165.8	163.6	163.2	159.8	161.8	
G39.0	158.6	159.7	160.7	164.0	162.5	160.3	159.9	156.9	158.6	
G40.0	154.3	156.4	157.3	160.6	159.7	157.0	157.7	154.4	154.3	
G41.0	151.0	153.0	154.1	157.3	156.1	153.7	154.6	151.2	151.0	
G42.0	147.6	149.7	150.6	153.9	152.7	150.2	149.8	146.9	147.6	
G43.0	144.3	146.2	147.3	150.8	149.3	146.9	147.5	143.5	144.3	
G44.0	140.8	142.8	143.9	147.3	144.9	143.4	144.0	139.9	140.8	
G45.0	137.3	139.3	140.4	143.8	142.5	140.0	139.5	137.4	137.3	
G46.0	133.9	135.9	136.9	140.6	139.1	136.6	136.1	134.1	133.9	
G47.0	131.3	132.4	133.5	137.1	134.5	133.1	132.6	129.5	131.3	
G48.0	127.8	129.0	129.9	134.1	131.0	129.5	129.1	126.0	127.8	
G49.0	124.2	125.4	126.5	130.2	127.6	126.0	125.5	122.5	124.2	
G50.0	120.8	121.8	123.0	126.7	123.9	123.7	122.0	118.9	120.8	
G51.0	117.2	118.3	119.4	123.1	120.5	120.0	118.3	115.3	117.2	
G52.0	113.7	114.7	115.8	119.7	116.7	116.4	114.9	111.7	113.7	
G53.0	110.2	111.1	112.2	115.9	113.2	112.8	111.2	108.2	110.2	
G54.0	105.5	107.6	108.6	112.5	109.7	109.1	107.6	104.4	105.5	
G55.0	103.0	103.9	105.1	108.8	106.1	105.5	104.1	101.0	103.0	
G56.0	99.4	100.4	101.4	105.4	102.5	101.9	100.4	97.3	99.4	
G57.0	95.8	96.6	97.9	101.7	98.8	98.2	96.8	93.6	95.8	
G58.0	92.3	93.1	94.1	98.1	95.1	93.7	93.0	89.9	92.3	
G59.0	88.6	89.4	90.6	94.5	91.6	90.0	89.5	86.2	88.6	
G60.0	84.9	85.7	86.8	90.8	87.9	87.5	85.7	82.6	84.9	
G61.0	81.2	82.0	83.2	87.2	84.2	83.7	82.1	78.8	81.2	
G62.0	77.5	78.4	79.4	83.6	80.5	80.0	78.4	75.1	77.5	
G63.0	73.9	74.6	75.9	79.8	76.8	76.5	74.7	71.3	73.9	
G64.0	70.1	71.0	72.1	76.1	73.1	72.7	70.9	67.7	70.1	
G65.0	66.5	67.3	68.4	72.4	69.6	68.8	67.3	64.0	66.5	
G66.0	62.8	63.6	64.8	67.6	65.8	65.6	63.5	60.4	62.8	
G67.0	59.3	59.9	61.0	65.2	62.2	61.6	59.9	56.5	59.3	
G68.0	55.6	56.2	57.3	61.6	58.4	58.1	56.0	52.9	55.6	
G69.0	51.9	52.5	53.6	57.8	54.7	54.3	52.4	49.1	51.9	
G70.0	48.3	48.8	49.8	54.1	51.0	50.7	48.6	45.5	48.3	
G71.0	44.7	45.1	46.1	50.4	47.4	47.0	44.6	41.9	44.7	
G72.0	41.0	41.4	42.1	46.8	43.6	43.5	40.7	38.2	41.0	
G73.0	37.5	37.8	38.2	43.0	40.0	39.7	36.8	34.5	37.5	

C Plane (°): 0.0-360.0: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 30°C  
 Operator: YAN

Gamma Plane (°): 0.0-90.0: 1.0  
 Test Device: GPM-1600  
 Distance: 7.919 m  
 Humidity: 50%  
 Inspector:

## Unit: cd

C Plane (°):0.0-360.0: 45.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 30°C  
Operator: YAN

Gamma Plane (°):0.0-90.0:1.0  
Test Device: GPM-1600  
Distance: 7.919 m  
Humidity: 50%  
Inspector: