

Report No.:

Test Time: 2023-05-09 09:17

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: ACL12-25W2TEM

Luminous Length (mm): 300

Voltage: 230.7 V

Power: 27.87 W

Lamp Description: 3000K

Luminous Width (mm): 300

Current: 0.128 A

Power Factor: 0.943

Photometric Results

CIE Class: Direct

Measurement Flux: 2597.2 lm

Downward Ratio: 100%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 168.7, 165.2, 167.0, 167.0

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 112.5, 110.9, 111.7, 111.7

Luminaire Efficacy Rating (LER): 93.24

Max. Intensity: 898.17 cd

S/MH(C0/C180): 1.24

Total Rated Lamp Lumens: 2597.2 lm

Efficiency: 100%

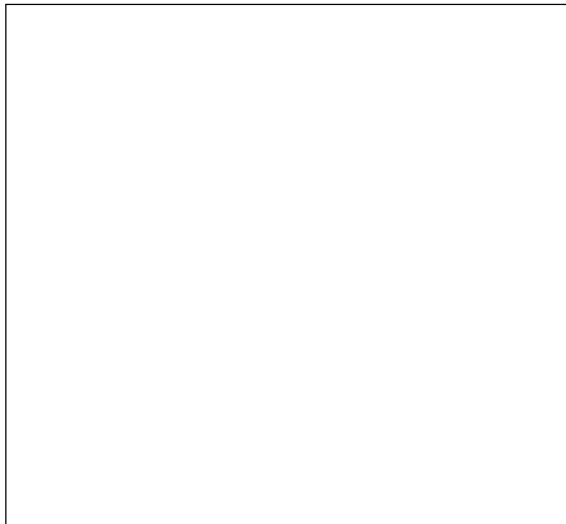
Upward Ratio: 0%

Central Intensity: 896.71 cd

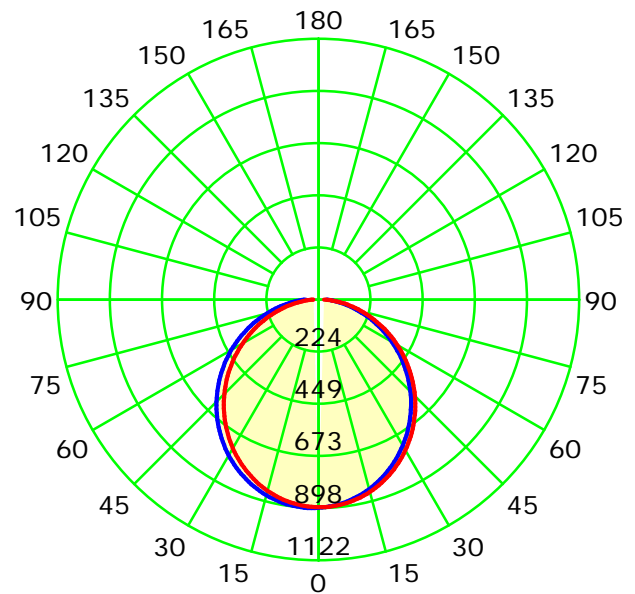
Pos of Max. Intensity: H180 V2

S/MH(C90/C270): 1.24

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

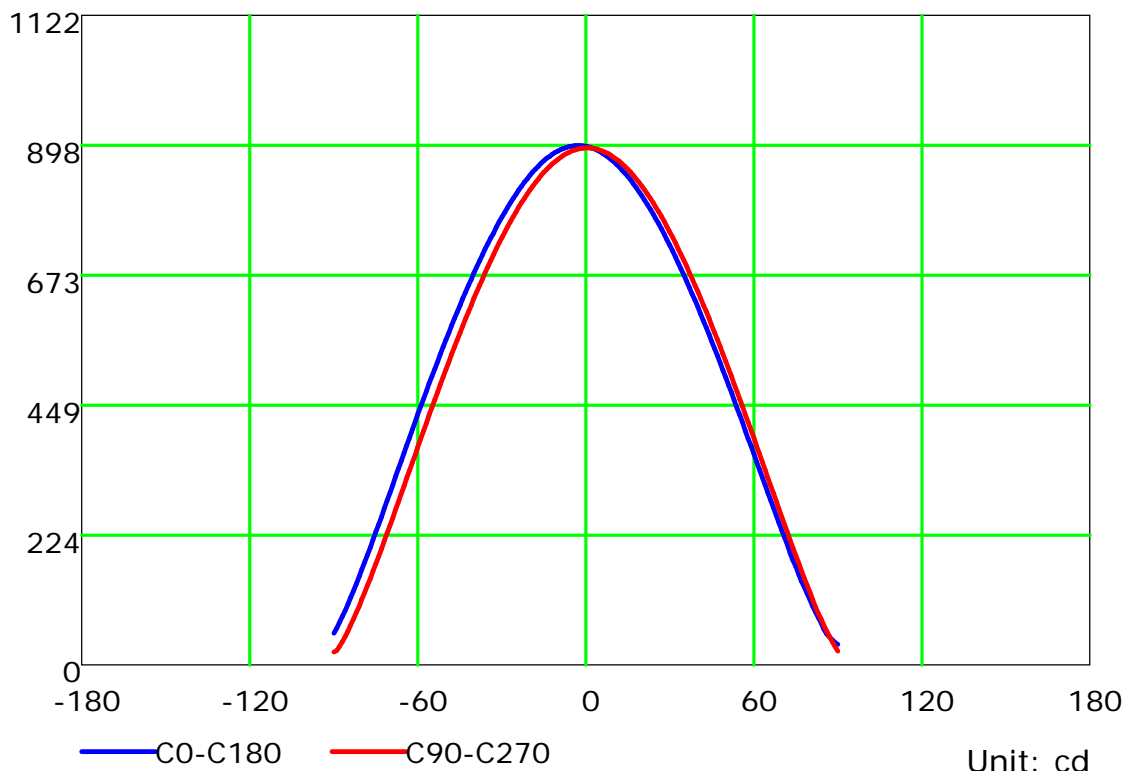
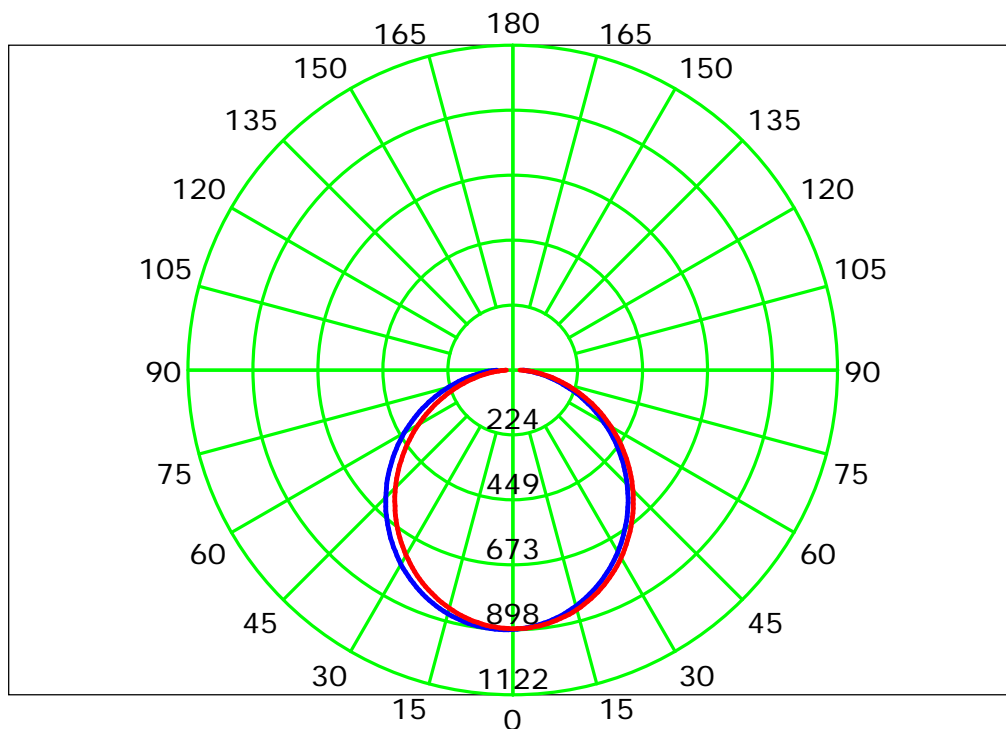
Test Device: GPM-1600

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:

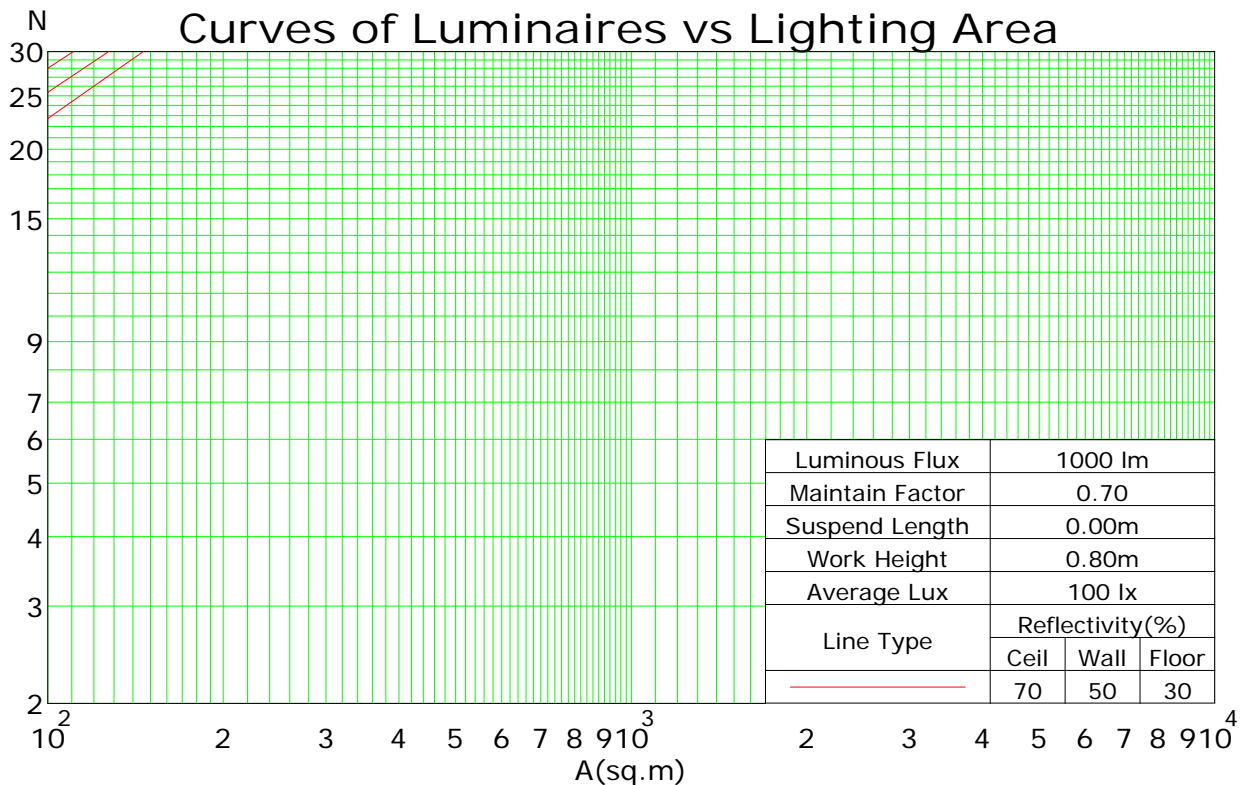
Coefficients Of Utilization - Zonal Cavity Method

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	98	94	105	101	96	93	96	93	90	92	90	87	89	87	84	82
2	98	89	82	76	95	87	81	75	84	78	74	81	76	72	77	74	70	68
3	89	78	70	63	87	77	69	63	74	67	61	71	65	60	68	63	59	57
4	82	69	60	53	79	68	59	53	65	58	52	63	57	52	61	55	51	49
5	75	62	53	46	73	61	52	46	59	51	45	57	50	45	55	49	44	42
6	69	56	47	40	67	55	46	40	53	45	39	51	44	39	50	43	39	37
7	64	50	42	35	62	50	41	35	48	40	35	47	40	35	45	39	34	32
8	60	46	37	31	58	45	37	31	44	37	31	43	36	31	42	35	31	29
9	56	42	34	28	54	42	34	28	40	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	38	31	26	37	30	25	37	30	25	36	30	25	23

Spacing Criteria (0-180): 1.24

Spacing Criteria (90-270): 1.24

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

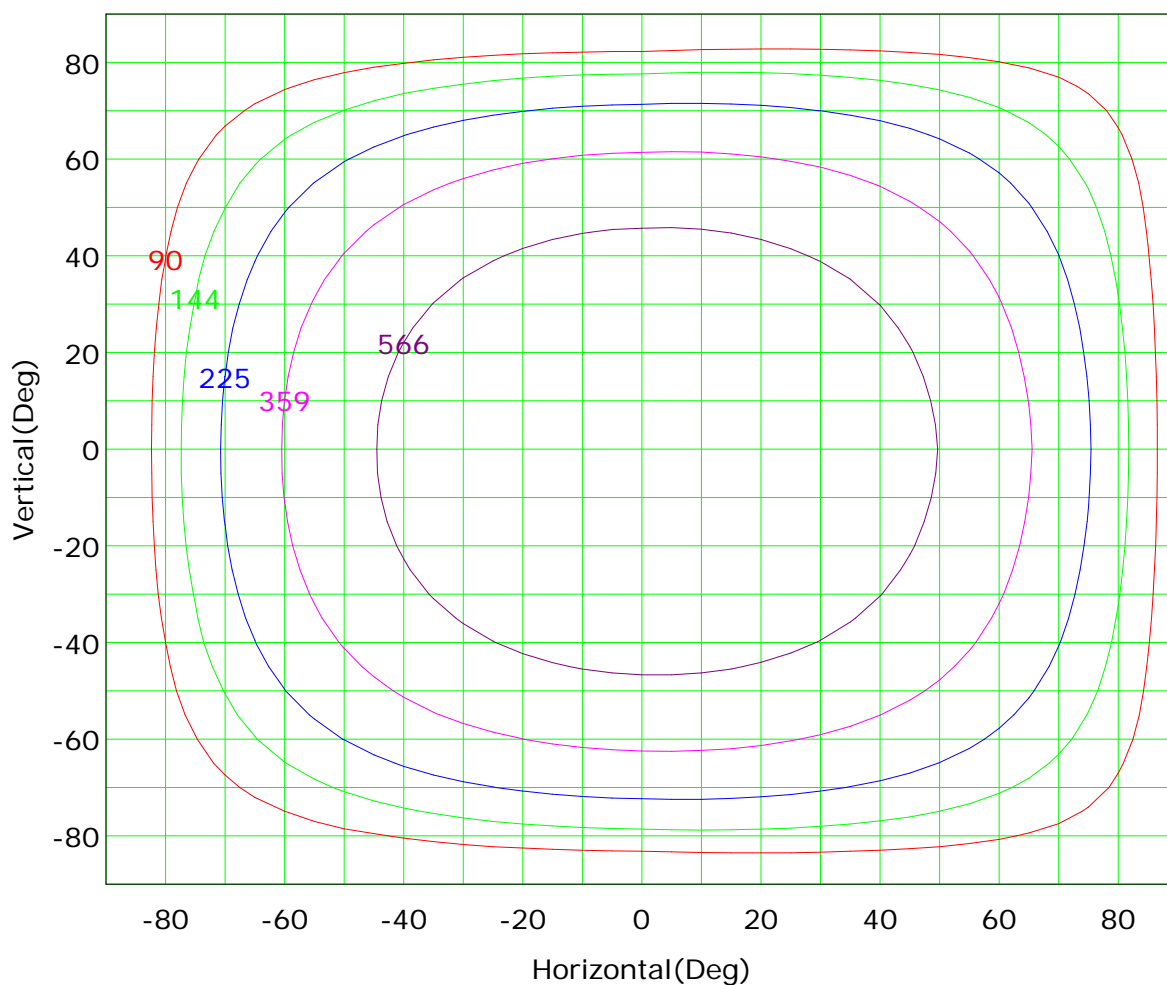
Test Device: GPM-1600

Distance: 8.350 m

Humidity: 50%

Inspector:

Isocandela (rectangle)



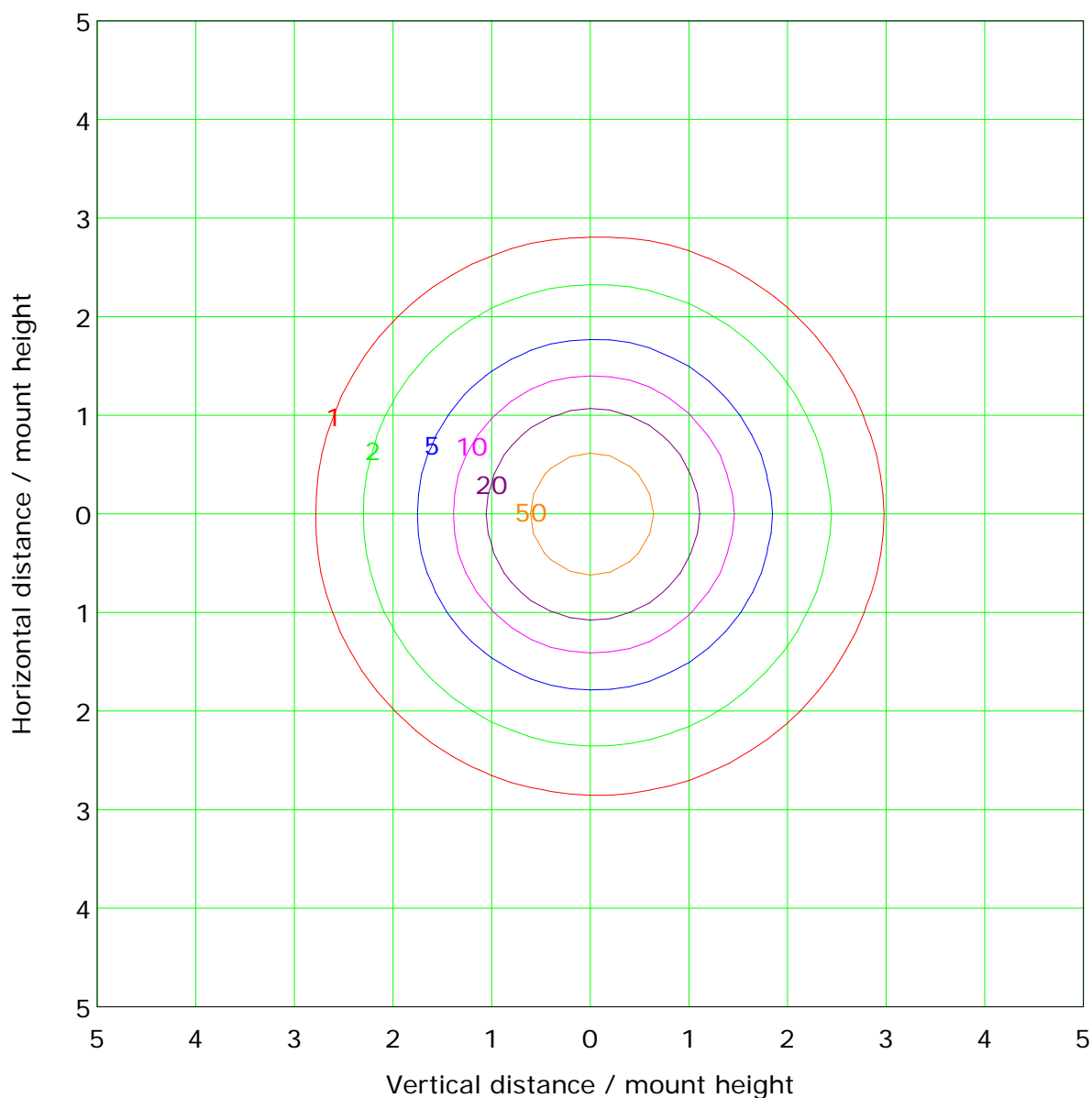
I_{max} (100%): 898 cd

(10%): 90 cd	(16%): 144 cd
(25%): 225 cd	(40%): 359 cd
(63%): 566 cd	(100%): 898 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



Mounting Height: 3.0m Max Lux(100%): 99.7 lx

(1%): 1.0 lx	(2%): 2.0 lx
(5%): 5.0 lx	(10%): 10.0 lx
(20%): 19.9 lx	(50%): 49.8 lx
(100%): 99.7 lx	

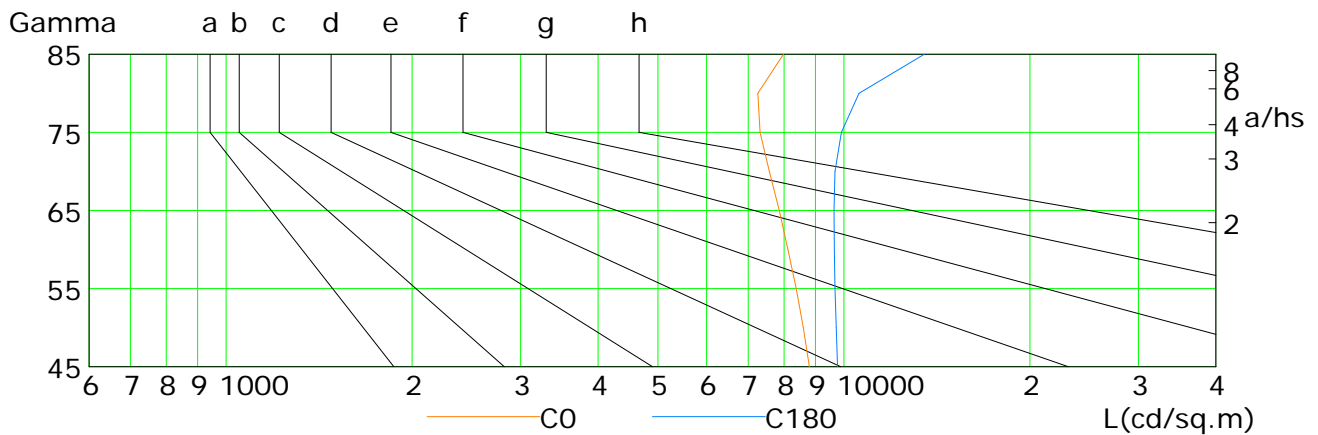
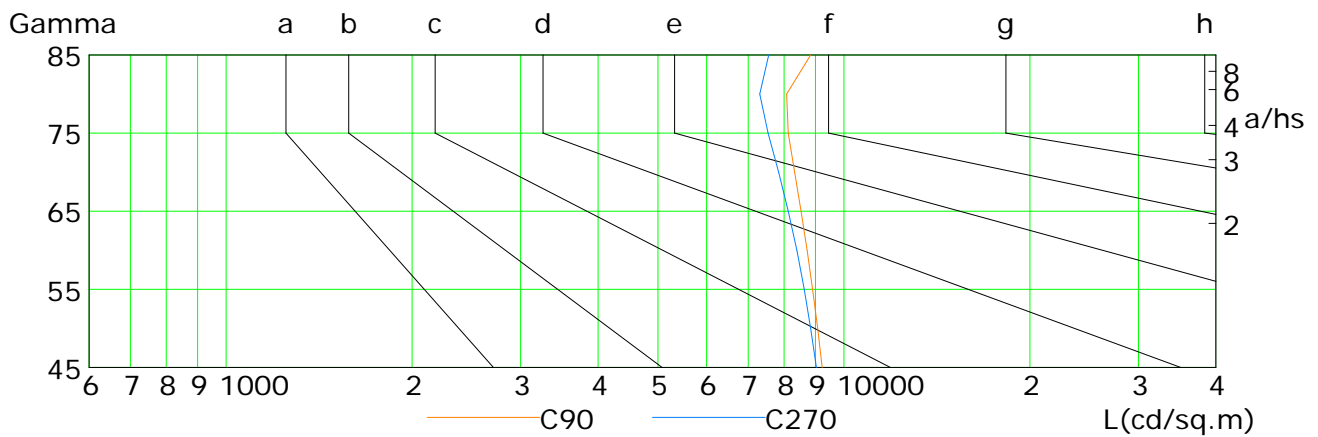
C Plane (°): 0.0-360.0: 90.0
 Test Lab:
 Test Type: TYPE C
 Temperature: 25°C
 Operator: XU

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

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

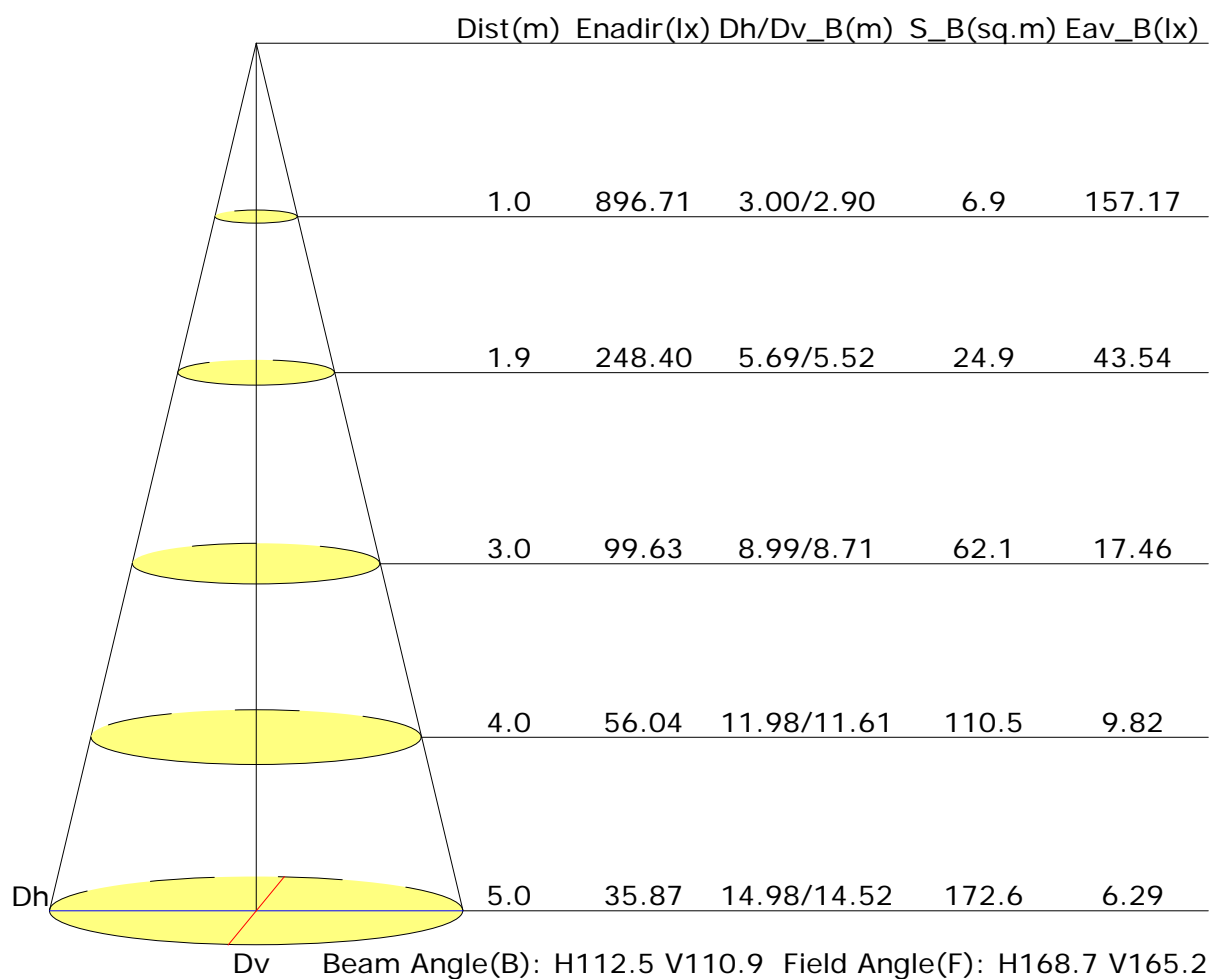


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	8792	8596	8375	8117	7865	7580	7322	7262	7987
C90	9226	9075	8900	8727	8531	8323	8128	8081	8840
C180	9775	9725	9674	9651	9642	9678	9907	10587	13499
C270	9026	8840	8634	8393	8131	7847	7545	7307	7560

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:

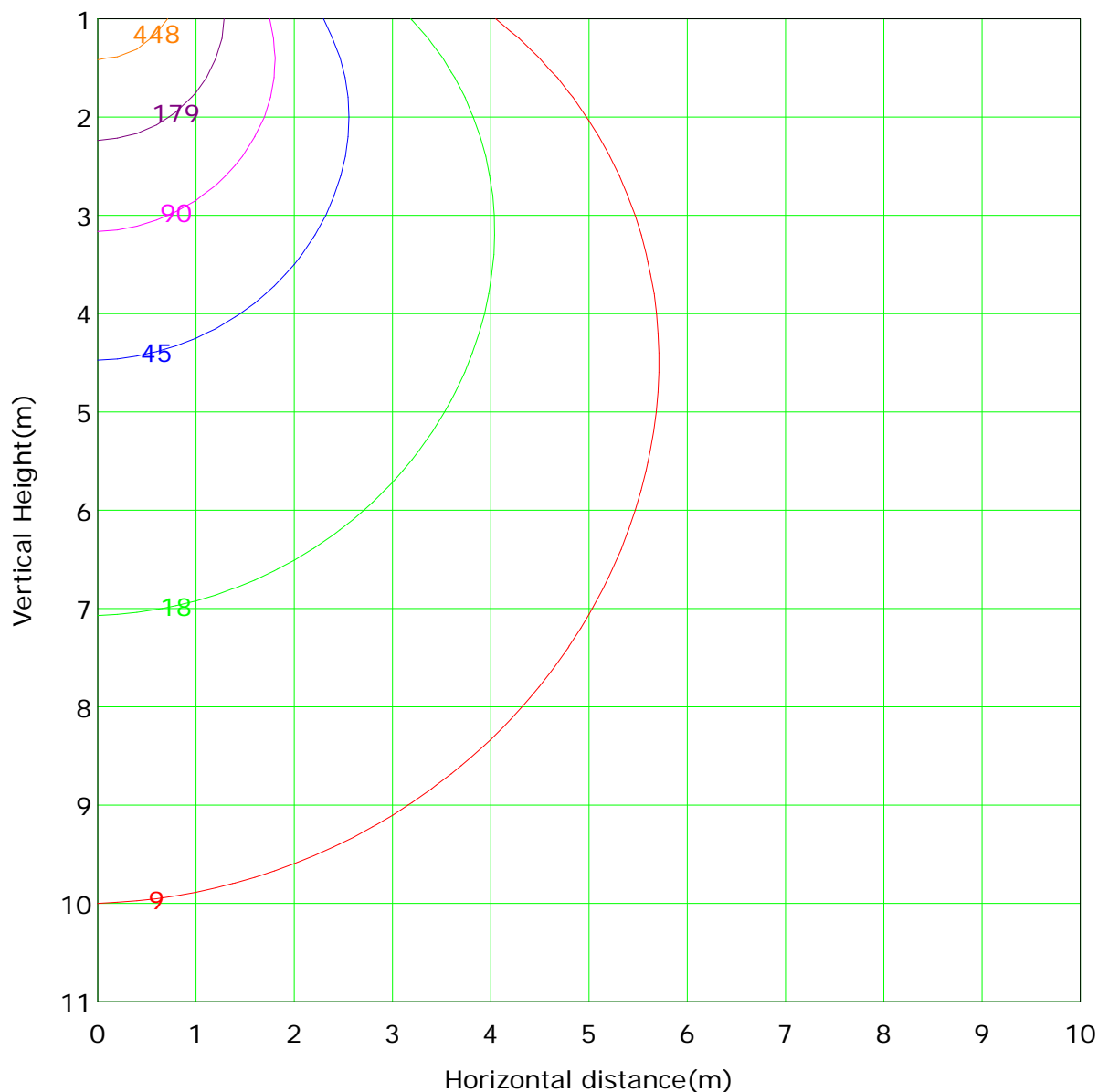
Illuminance at a Distance



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: 896.7 lx

(1%): 9.0 lx	(2%): 17.9 lx
(5%): 44.8 lx	(10%): 89.7 lx
(20%): 179.3 lx	(50%): 448.4 lx
(100%): 896.7 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:

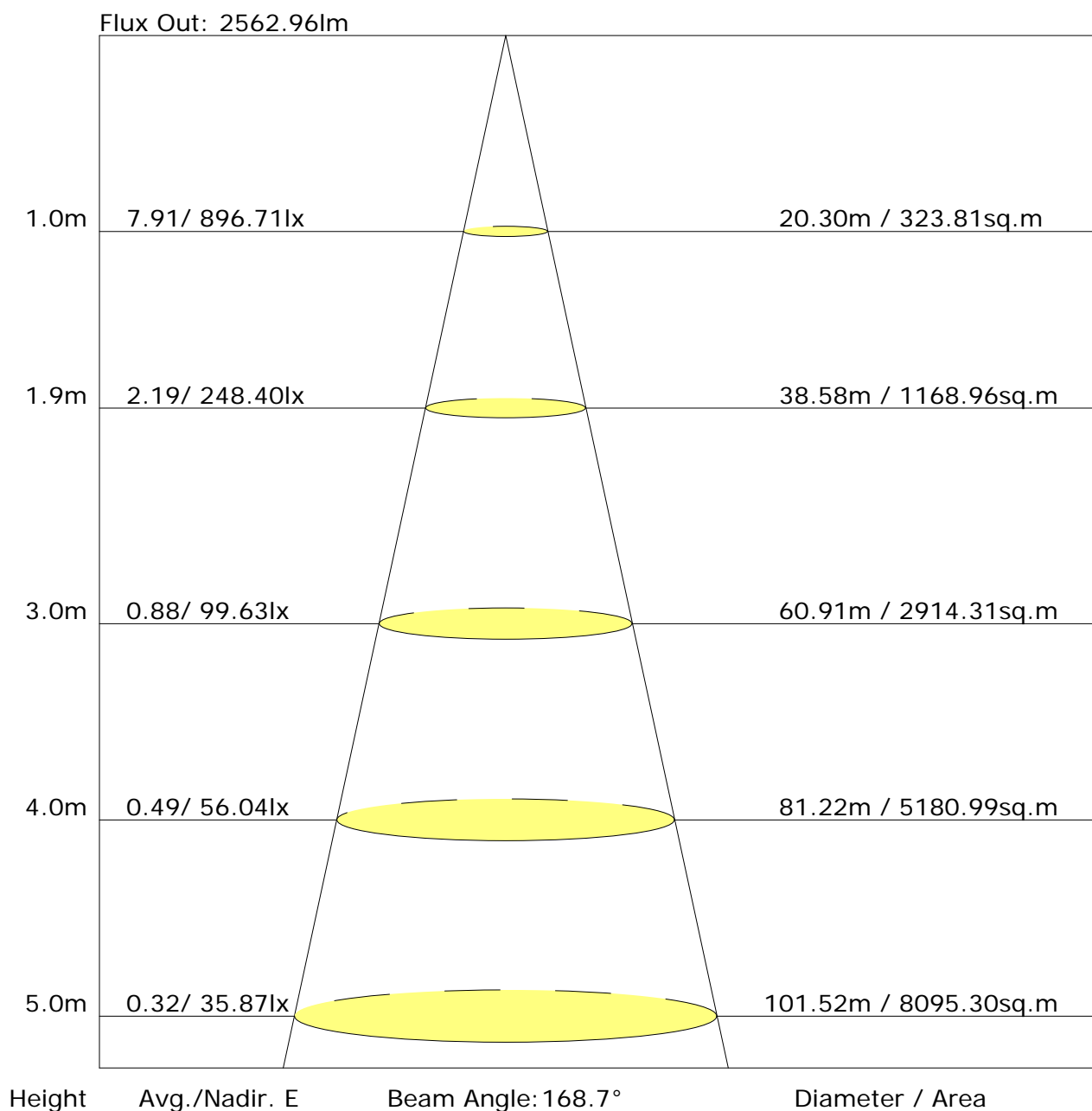
Area Flux Table

Unit: lm																				
-90	0.2	0.5	0.8	1.2	1.5	1.7	1.9	2.0	1.9	1.9	1.8	1.6	1.4	1.1	0.8	0.5	0.3	0.1	21.3	5.2
-80	0.2	0.7	1.4	2.3	3.2	4.1	4.8	5.3	5.4	5.3	5.0	4.3	3.5	2.6	1.7	1.0	0.4	0.1	51.1	48.4
-70	0.2	0.9	2.0	3.5	5.1	6.7	8.1	9.0	9.4	9.3	8.7	7.5	6.0	4.4	2.8	1.5	0.6	0.1	85.8	85.0
-60	0.2	1.1	2.7	4.7	7.0	9.4	11.4	12.9	13.5	13.4	12.5	10.8	8.6	6.2	4.0	2.1	0.8	0.1	121.3	120.9
-50	0.3	1.3	3.3	5.9	8.9	11.9	14.5	16.5	17.4	17.2	16.0	13.9	11.1	8.0	5.0	2.6	1.0	0.2	154.9	154.6
-40	0.3	1.5	3.8	6.9	10.5	14.1	17.3	19.7	20.8	20.7	19.2	16.6	13.2	9.5	6.0	3.1	1.1	0.2	184.5	184.3
-30	0.3	1.7	4.2	7.7	11.8	15.9	19.6	22.3	23.7	23.5	21.8	18.8	14.9	10.7	6.8	3.5	1.3	0.2	208.7	208.6
-20	0.3	1.8	4.5	8.3	12.7	17.2	21.3	24.2	25.7	25.5	23.7	20.4	16.1	11.6	7.3	3.7	1.3	0.2	226.1	225.9
-10	0.3	1.9	4.7	8.7	13.3	18.0	22.2	25.3	26.9	26.6	24.6	21.2	16.7	12.0	7.5	3.9	1.4	0.2	235.4	235.3
0	0.3	1.9	4.7	8.7	13.3	18.0	22.2	25.3	26.9	26.7	24.7	21.2	16.8	12.0	7.6	3.9	1.4	0.2	235.7	235.6
10	0.3	1.9	4.7	8.7	13.3	18.0	22.2	25.4	26.9	26.7	24.7	21.2	16.8	12.0	7.6	3.9	1.4	0.2	227.0	226.9
20	0.3	1.8	4.6	8.4	12.8	17.3	21.3	24.3	25.9	25.7	23.8	20.5	16.2	11.6	7.3	3.8	1.4	0.2	210.3	210.2
30	0.3	1.7	4.2	7.8	11.9	16.0	19.7	22.5	23.9	23.7	22.0	18.9	15.0	10.8	6.8	3.5	1.3	0.2	186.7	186.5
40	0.3	1.5	3.8	7.0	10.6	14.3	17.5	19.9	21.1	21.0	19.5	16.8	13.4	9.6	6.1	3.1	1.1	0.2	157.5	157.3
50	0.3	1.4	3.3	5.9	9.0	12.1	14.8	16.8	17.8	17.6	16.3	14.1	11.2	8.1	5.1	2.7	1.0	0.2	124.3	123.9
60	0.2	1.1	2.7	4.8	7.2	9.6	11.7	13.2	13.9	13.8	12.8	11.1	8.8	6.4	4.0	2.1	0.8	0.1	89.0	88.2
70	0.2	0.9	2.1	3.6	5.2	6.9	8.4	9.4	9.9	9.7	9.0	7.8	6.2	4.5	2.9	1.6	0.6	0.1	54.0	51.5
80	0.2	0.7	1.4	2.3	3.3	4.2	5.0	5.6	5.8	5.7	5.3	4.6	3.7	2.7	1.8	1.0	0.4	0.1	23.2	7.2
90	0.2	0.5	0.9	1.2	1.6	1.9	2.1	2.2	2.2	2.1	2.0	1.8	1.5	1.2	0.9	0.6	0.3	0.1		
Flux(T)	4.6	22.9	55.1	98.7	148.7	199.2	243.8	276.4	292.2	289.5	268.6	231.8	184.4	133.0	84.3	44.1	16.6	2.9	2597	
Flux(E)	3.0	21.2	53.3	96.7	146.6	197.0	241.6	274.1	289.6	287.1	266.3	229.3	181.9	130.5	81.7	41.4	13.7	0.6		2555
Horizontal plane																				

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	19.8	21.2	20.1	21.4	21.7	20.0	21.4	20.3	21.6	21.9
3H	21.4	22.7	21.7	22.9	23.2	21.6	22.9	22.0	23.2	23.5
4H	22.1	23.3	22.4	23.6	23.9	22.3	23.6	22.7	23.9	24.2
6H	22.6	23.8	23.0	24.1	24.4	22.9	24.1	23.3	24.4	24.7
8H	22.9	24.0	23.2	24.3	24.6	23.2	24.3	23.5	24.6	24.9
12H	23.1	24.1	23.4	24.4	24.8	23.3	24.4	23.7	24.7	25.1
X=4H Y=2H	20.5	21.7	20.8	22.0	22.3	20.6	21.9	21.0	22.2	22.5
3H	22.3	23.4	22.7	23.7	24.0	22.5	23.6	22.9	23.9	24.2
4H	23.1	24.1	23.5	24.4	24.8	23.3	24.3	23.8	24.7	25.0
6H	23.8	24.7	24.2	25.1	25.5	24.1	24.9	24.5	25.3	25.7
8H	24.1	24.9	24.6	25.3	25.7	24.4	25.2	24.8	25.6	26.0
12H	24.4	25.1	24.8	25.5	26.0	24.6	25.3	25.1	25.8	26.2
X=8H Y=4H	23.5	24.3	23.9	24.7	25.1	23.7	24.5	24.1	24.9	25.3
6H	24.4	25.0	24.8	25.4	25.9	24.6	25.2	25.1	25.7	26.1
8H	24.8	25.3	25.3	25.8	26.3	25.0	25.6	25.5	26.0	26.5
12H	25.2	25.7	25.7	26.1	26.6	25.4	25.9	25.9	26.3	26.8
X=12H Y=4H	23.5	24.2	24.0	24.6	25.1	23.7	24.4	24.2	24.8	25.3
6H	24.5	25.0	25.0	25.5	26.0	24.7	25.3	25.2	25.7	26.2
8H	24.9	25.4	25.4	25.9	26.4	25.1	25.6	25.6	26.1	26.6
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 2597lm ($8\log(F/F_0) = 3.3$).

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	0.59	0.67	0.75	0.80	0.87	0.92	0.95	1.00	1.03
	0.30		0.52	0.60	0.67	0.73	0.81	0.86	0.90	0.96	0.99
	0.20		0.46	0.54	0.62	0.67	0.76	0.81	0.86	0.92	0.96
0.50	0.50	0.20	0.58	0.65	0.72	0.77	0.84	0.88	0.92	0.96	0.99
	0.30		0.51	0.59	0.66	0.71	0.79	0.84	0.87	0.92	0.96
	0.20		0.46	0.53	0.61	0.66	0.74	0.79	0.84	0.89	0.93
0.30	0.50	0.20	0.56	0.63	0.70	0.75	0.81	0.85	0.88	0.92	0.95
	0.30		0.50	0.57	0.65	0.70	0.76	0.81	0.85	0.89	0.92
	0.20		0.45	0.53	0.60	0.65	0.73	0.78	0.81	0.87	0.90
0.00	0.00	0.00	0.43	0.50	0.57	0.62	0.69	0.74	0.77	0.82	0.85
<p>Rating: 28W 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	0.96	0.82	0.70	0.61	0.49	0.41	0.35	0.28	0.23	
	0.30		0.80	0.70	0.61	0.54	0.44	0.38	0.33	0.26	0.22	
	0.20		0.69	0.61	0.54	0.48	0.41	0.35	0.31	0.25	0.21	
0.50	0.50	0.20	0.93	0.79	0.67	0.59	0.47	0.43	0.34	0.26	0.22	
	0.30		0.79	0.68	0.59	0.52	0.43	0.36	0.32	0.25	0.21	
	0.20		0.68	0.60	0.53	0.47	0.40	0.34	0.30	0.24	0.20	
0.30	0.50	0.20	0.90	0.76	0.64	0.56	0.45	0.38	0.32	0.25	0.21	
	0.30		0.77	0.67	0.58	0.51	0.42	0.35	0.30	0.24	0.20	
	0.20		0.67	0.60	0.52	0.47	0.39	0.33	0.29	0.23	0.19	
0.00	0.00	0.00	0.57	0.50	0.43	0.38	0.31	0.26	0.23	0.18	0.15	
<p>Rating: 28W 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	0.13	0.15	0.16	
0.30	0.50	0.20	0.15	0.16	0.17	0.18	0.19	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: 28W 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 _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	895.2	0.9	0.9	0.03	0.03
1.0-2.0	894.8	2.6	3.4	0.10	0.13
2.0-3.0	894.2	4.3	7.7	0.16	0.30
3.0-4.0	893.1	6.0	13.7	0.23	0.53
4.0-5.0	891.7	7.7	21.4	0.30	0.82
5.0-6.0	890.0	9.4	30.7	0.36	1.18
6.0-7.0	887.8	11.0	41.7	0.42	1.61
7.0-8.0	885.4	12.7	54.4	0.49	2.09
8.0-9.0	882.6	14.3	68.7	0.55	2.65
9.0-10.0	879.4	15.9	84.6	0.61	3.26
10.0-11.0	875.9	17.5	102.1	0.67	3.93
11.0-12.0	872.1	19.1	121.2	0.73	4.67
12.0-13.0	867.9	20.6	141.8	0.79	5.46
13.0-14.0	863.5	22.1	163.9	0.85	6.31
14.0-15.0	858.8	23.6	187.5	0.91	7.22
15.0-16.0	853.7	25.0	212.5	0.96	8.18
16.0-17.0	848.2	26.4	238.9	1.02	9.20
17.0-18.0	842.4	27.8	266.7	1.07	10.27
18.0-19.0	836.3	29.1	295.8	1.12	11.39
19.0-20.0	829.9	30.4	326.2	1.17	12.56
20.0-21.0	823.3	31.6	357.8	1.22	13.78
21.0-22.0	816.5	32.8	390.6	1.26	15.04
22.0-23.0	809.3	34.0	424.6	1.31	16.35
23.0-24.0	801.9	35.1	459.6	1.35	17.70
24.0-25.0	794.2	36.1	495.7	1.39	19.09
25.0-26.0	786.2	37.1	532.9	1.43	20.52
26.0-27.0	778.0	38.1	570.9	1.47	21.98
27.0-28.0	769.4	39.0	609.9	1.50	23.48
28.0-29.0	760.6	39.8	649.7	1.53	25.02
29.0-30.0	751.6	40.6	690.3	1.56	26.58
30.0-31.0	742.4	41.3	731.6	1.59	28.17
31.0-32.0	732.9	42.0	773.6	1.62	29.79
32.0-33.0	723.1	42.6	816.2	1.64	31.43
33.0-34.0	713.1	43.2	859.4	1.66	33.09
34.0-35.0	703.1	43.7	903.0	1.68	34.77
35.0-36.0	692.8	44.1	947.1	1.70	36.47

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 _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	682.3	44.5	991.6	1.71	38.18
37.0-38.0	671.6	44.8	1036.5	1.73	39.91
38.0-39.0	660.7	45.1	1081.6	1.74	41.64
39.0-40.0	649.7	45.3	1126.9	1.74	43.39
40.0-41.0	638.4	45.5	1172.4	1.75	45.14
41.0-42.0	626.9	45.5	1217.9	1.75	46.89
42.0-43.0	615.4	45.6	1263.5	1.76	48.65
43.0-44.0	603.6	45.6	1309.1	1.75	50.40
44.0-45.0	591.7	45.5	1354.6	1.75	52.16
45.0-46.0	579.7	45.3	1399.9	1.75	53.90
46.0-47.0	567.6	45.1	1445.0	1.74	55.64
47.0-48.0	555.2	44.9	1489.9	1.73	57.37
48.0-49.0	542.7	44.6	1534.5	1.72	59.08
49.0-50.0	530.3	44.2	1578.7	1.70	60.79
50.0-51.0	517.5	43.8	1622.5	1.69	62.47
51.0-52.0	504.6	43.3	1665.8	1.67	64.14
52.0-53.0	491.7	42.8	1708.6	1.65	65.79
53.0-54.0	478.7	42.2	1750.8	1.62	67.41
54.0-55.0	465.7	41.6	1792.4	1.60	69.01
55.0-56.0	452.7	40.9	1833.3	1.58	70.59
56.0-57.0	439.4	40.2	1873.5	1.55	72.13
57.0-58.0	425.9	39.4	1912.8	1.52	73.65
58.0-59.0	412.5	38.6	1951.4	1.49	75.14
59.0-60.0	399.2	37.7	1989.1	1.45	76.59
60.0-61.0	385.7	36.8	2025.9	1.42	78.01
61.0-62.0	372.3	35.9	2061.8	1.38	79.39
62.0-63.0	358.6	34.9	2096.7	1.34	80.73
63.0-64.0	344.8	33.8	2130.5	1.30	82.03
64.0-65.0	331.5	32.8	2163.4	1.26	83.30
65.0-66.0	318.0	31.7	2195.1	1.22	84.52
66.0-67.0	304.3	30.6	2225.7	1.18	85.70
67.0-68.0	290.8	29.5	2255.2	1.13	86.83
68.0-69.0	277.3	28.3	2283.5	1.09	87.92
69.0-70.0	264.0	27.1	2310.6	1.04	88.96
70.0-71.0	250.5	25.9	2336.5	1.00	89.96
71.0-72.0	237.2	24.7	2361.1	0.95	90.91

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	896.7	893.9	896.7	893.9	896.7					
G1.0	895.5	893.9	897.3	893.6	895.5					
G2.0	894.2	893.5	898.2	892.7	894.2					
G3.0	892.3	892.8	898.1	891.7	892.3					
G4.0	890.0	891.7	897.9	890.4	890.0					
G5.0	887.7	890.3	896.9	889.0	887.7					
G6.0	884.7	888.7	896.1	886.4	884.7					
G7.0	881.4	886.4	894.8	884.0	881.4					
G8.0	878.1	884.0	893.0	881.2	878.1					
G9.0	874.1	881.3	891.3	878.0	874.1					
G10.0	870.0	877.7	888.6	874.3	870.0					
G11.0	865.4	874.2	886.2	870.3	865.4					
G12.0	860.7	870.6	882.9	866.3	860.7					
G13.0	855.5	866.5	879.3	861.7	855.5					
G14.0	850.1	861.9	876.1	857.0	850.1					
G15.0	844.5	857.0	871.8	851.9	844.5					
G16.0	838.5	851.9	867.6	846.2	838.5					
G17.0	832.0	846.4	862.6	840.5	832.0					
G18.0	825.5	840.5	857.4	834.3	825.5					
G19.0	818.4	834.4	852.3	827.6	818.4					
G20.0	811.2	827.8	846.5	821.1	811.2					
G21.0	803.8	821.3	840.4	814.2	803.8					
G22.0	796.3	814.3	834.7	806.8	796.3					
G23.0	788.3	807.2	827.5	799.3	788.3					
G24.0	780.2	799.4	821.3	791.6	780.2					
G25.0	771.6	791.8	813.7	783.6	771.6					
G26.0	763.3	783.8	806.8	774.9	763.3					
G27.0	754.0	775.6	799.1	766.4	754.0					
G28.0	744.9	766.7	790.9	757.5	744.9					
G29.0	735.3	758.0	782.9	748.3	735.3					
G30.0	725.8	748.8	774.3	739.3	725.8					
G31.0	715.9	739.6	766.0	729.6	715.9					
G32.0	705.7	729.8	757.0	719.7	705.7					
G33.0	695.7	719.8	747.2	709.7	695.7					
G34.0	685.0	709.7	738.5	699.3	685.0					
G35.0	674.7	699.6	728.5	689.1	674.7					
G36.0	663.7	689.5	719.0	678.2	663.7					

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:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G37.0	653.1	678.6	709.1	667.3	653.1					
G38.0	641.5	668.0	698.9	656.3	641.5					
G39.0	630.8	656.4	688.5	645.3	630.8					
G40.0	618.9	645.8	677.9	634.0	618.9					
G41.0	607.3	634.4	666.8	622.0	607.3					
G42.0	595.1	622.6	656.3	610.4	595.1					
G43.0	583.8	611.2	644.8	598.8	583.8					
G44.0	571.4	599.3	633.7	586.2	571.4					
G45.0	559.5	587.1	622.0	574.4	559.5					
G46.0	547.1	575.0	610.4	562.1	547.1					
G47.0	534.9	562.8	598.6	549.7	534.9					
G48.0	522.0	550.2	586.8	536.8	522.0					
G49.0	509.6	537.7	574.6	524.0	509.6					
G50.0	497.3	525.0	562.6	511.4	497.3					
G51.0	483.7	512.1	549.9	498.1	483.7					
G52.0	471.3	499.1	537.5	485.0	471.3					
G53.0	458.1	486.1	524.8	472.1	458.1					
G54.0	444.6	472.9	511.9	459.0	444.6					
G55.0	432.3	459.4	499.4	445.7	432.3					
G56.0	418.8	446.6	487.0	432.1	418.8					
G57.0	405.2	433.0	473.6	418.6	405.2					
G58.0	391.5	419.8	460.2	404.9	391.5					
G59.0	379.1	406.0	447.3	391.4	379.1					
G60.0	365.3	392.7	434.3	377.7	365.3					
G61.0	352.1	379.1	420.9	363.9	352.1					
G62.0	339.0	365.6	407.1	350.5	339.0					
G63.0	325.2	351.5	393.2	336.4	325.2					
G64.0	311.7	337.7	379.6	323.2	311.7					
G65.0	299.1	324.5	366.7	309.3	299.1					
G66.0	285.6	310.6	352.4	295.9	285.6					
G67.0	272.3	297.1	339.1	281.7	272.3					
G68.0	258.8	283.5	325.4	268.3	258.8					
G69.0	246.4	269.9	311.6	254.7	246.4					
G70.0	233.3	256.2	297.9	241.5	233.3					
G71.0	220.3	242.6	284.4	228.0	220.3					
G72.0	207.7	229.1	270.7	214.7	207.7					
G73.0	193.9	215.8	257.1	201.5	193.9					

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: