

Report No.:

Test Time: 2019-09-05 08:59

## Luminaire Property

Luminaire Manufacturer:

Luminaire Description: ADL30W200-260

Luminous Width (mm): 182

Current: 0.128 A

Power Factor: 0.972

Luminous Length (mm): 182

Voltage: 229.8 V

Power: 28.55 W

## Photometric Results

CIE Class: Direct

Measurement Flux: 3222.3 lm

Downward Ratio: 100%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 151.7, 151.7, 151.7, 151.6

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 104.3, 104.6, 104.6, 104.4

Luminaire Efficacy Rating (LER): 112.92

Max. Intensity: 1271.21 cd

S/MH(C0/C180): 1.22

Total Rated Lamp Lumens: 3222.3 lm

Efficiency: 100%

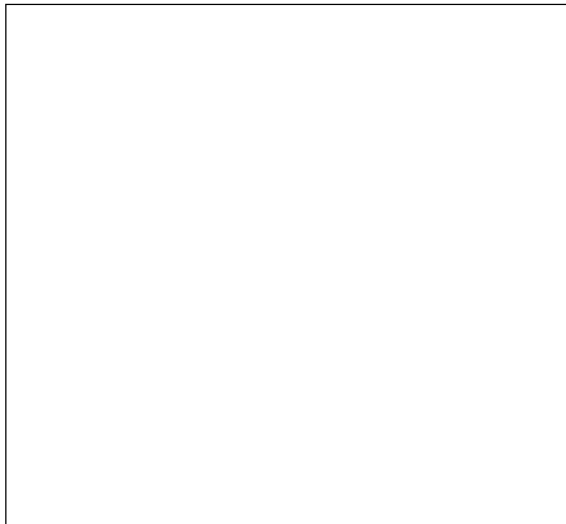
Upward Ratio: 0%

Central Intensity: 1271.16 cd

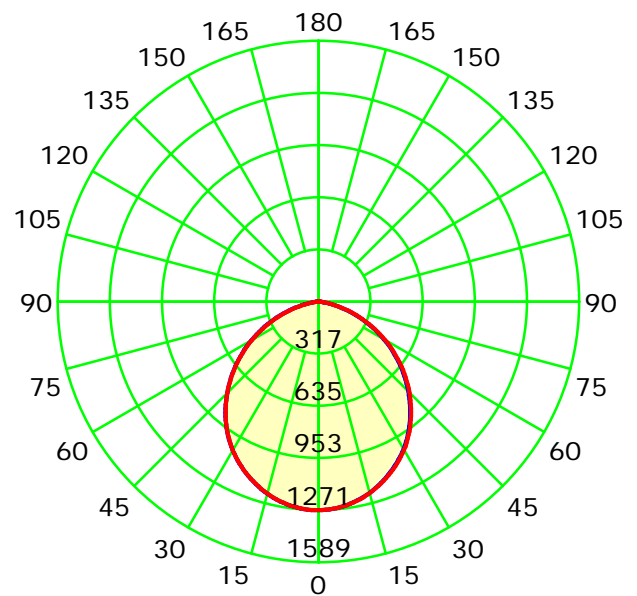
Pos of Max. Intensity: H0 V1

S/MH(C90/C270): 1.22

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:

Operator:

Gamma Plane (°):0.0-90.0:1.0

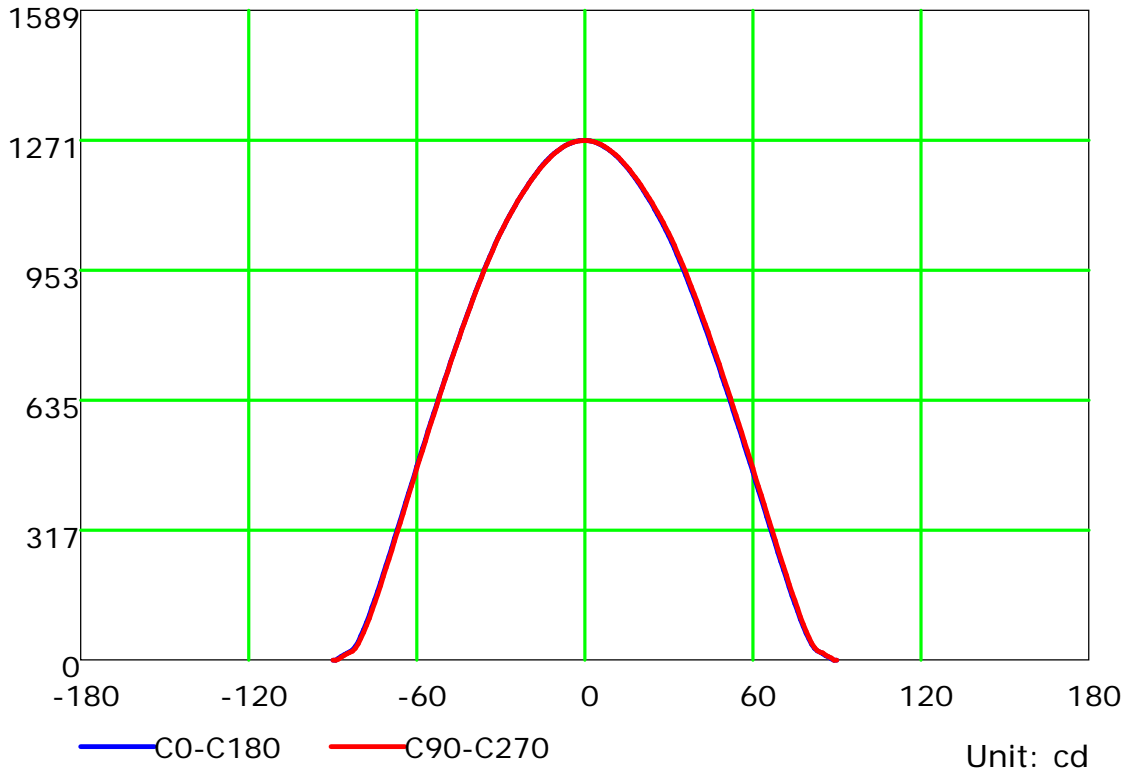
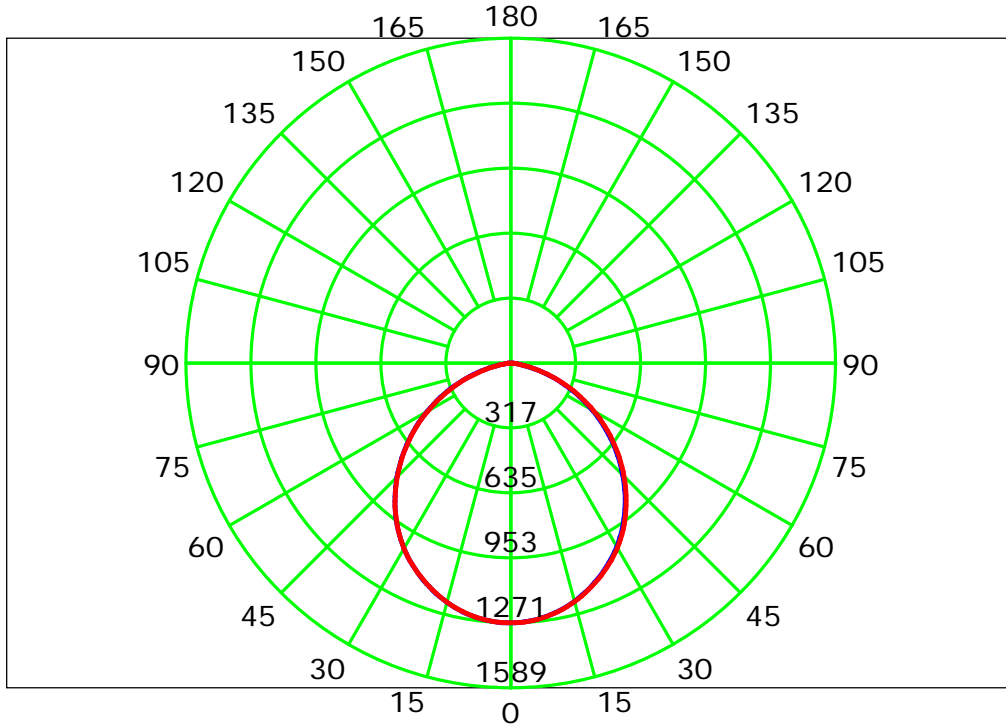
Test Device: GPM-1600

Distance: 7.517 m

Humidity:

Inspector:

## Luminous Intensity Distribution Curve



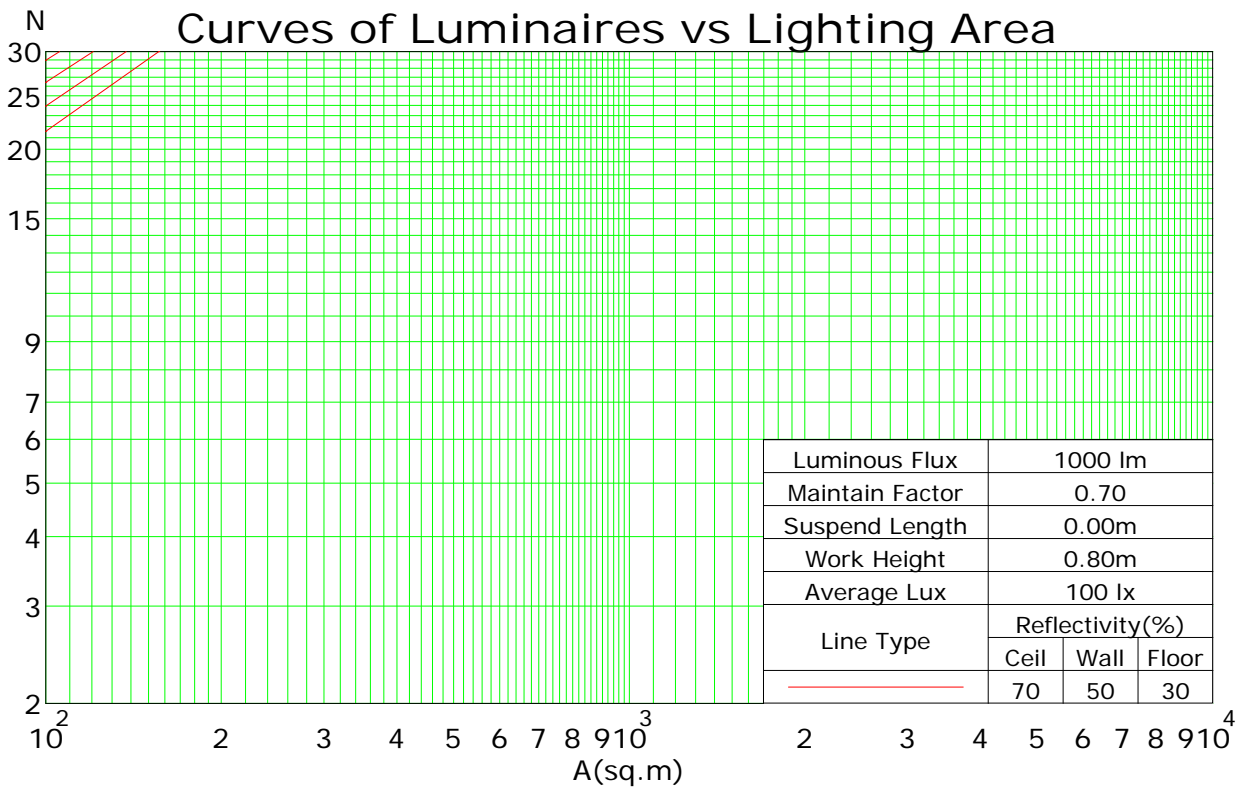
C Plane (°):0.0-360.0: 45.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-90.0:1.0  
Test Device: GPM-1600  
Distance: 7.517 m  
Humidity:  
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	100	96	99	96	93	95	93	90	91	90	88	86
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	73
3	92	82	74	68	89	80	73	67	77	71	66	75	69	65	72	68	64	62
4	84	73	64	58	82	71	64	57	69	62	57	67	61	56	65	59	55	53
5	78	65	57	50	76	64	56	50	62	55	49	60	54	49	58	53	48	46
6	72	59	50	44	70	58	50	44	56	49	43	54	48	43	53	47	43	41
7	67	53	45	39	65	53	45	39	51	44	38	50	43	38	48	42	38	36
8	62	49	40	35	61	48	40	35	47	40	34	46	39	34	44	38	34	32
9	58	45	37	31	57	44	37	31	43	36	31	42	36	31	41	35	31	29
10	54	41	34	28	53	41	33	28	40	33	28	39	33	28	38	32	28	26

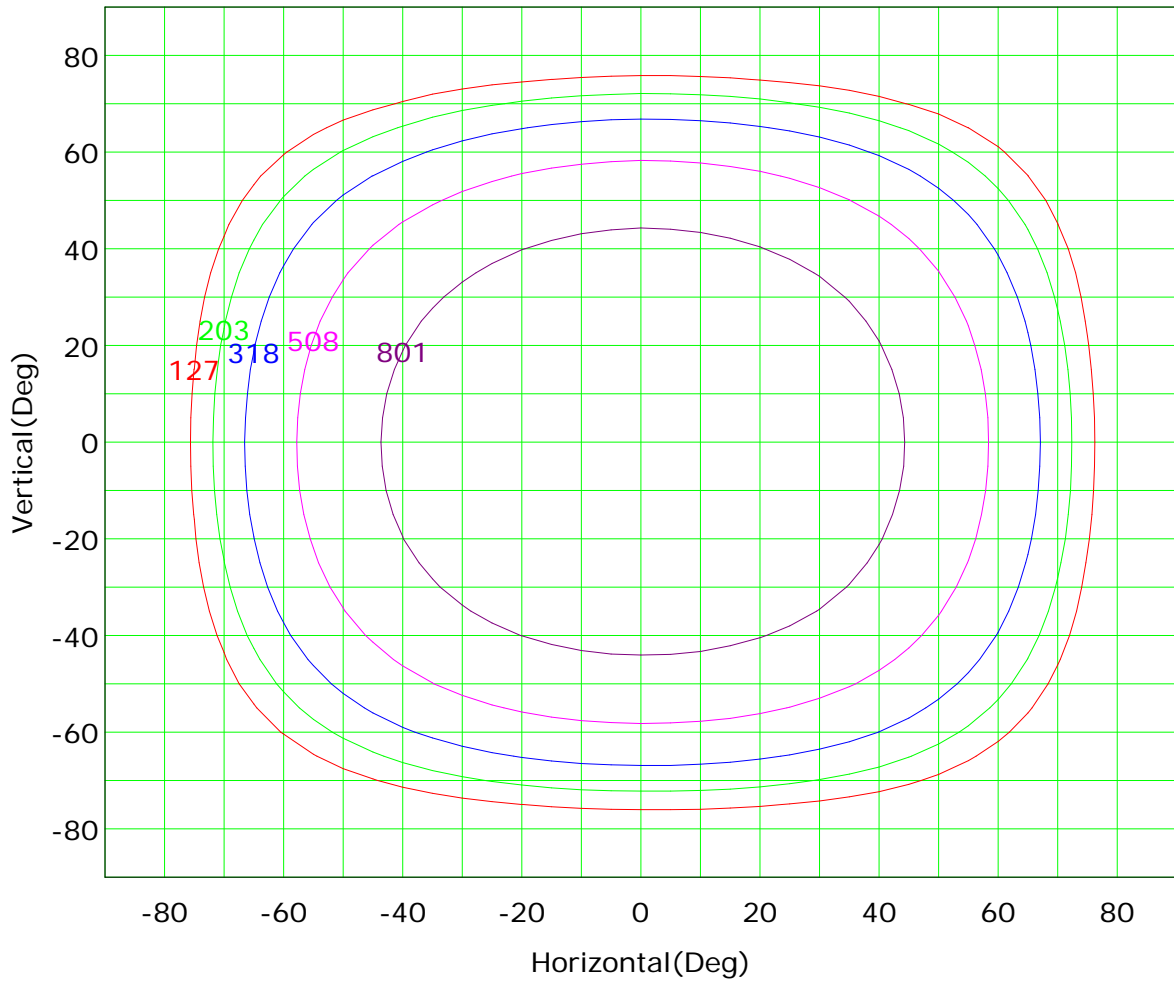
Spacing Criteria (0-180): 1.22  
 Spacing Criteria (90-270): 1.22  
 Spacing Criteria (Diagonal): 1.33



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

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1600  
 Distance: 7.517 m  
 Humidity:  
 Inspector:

## Isocandela (rectangle)



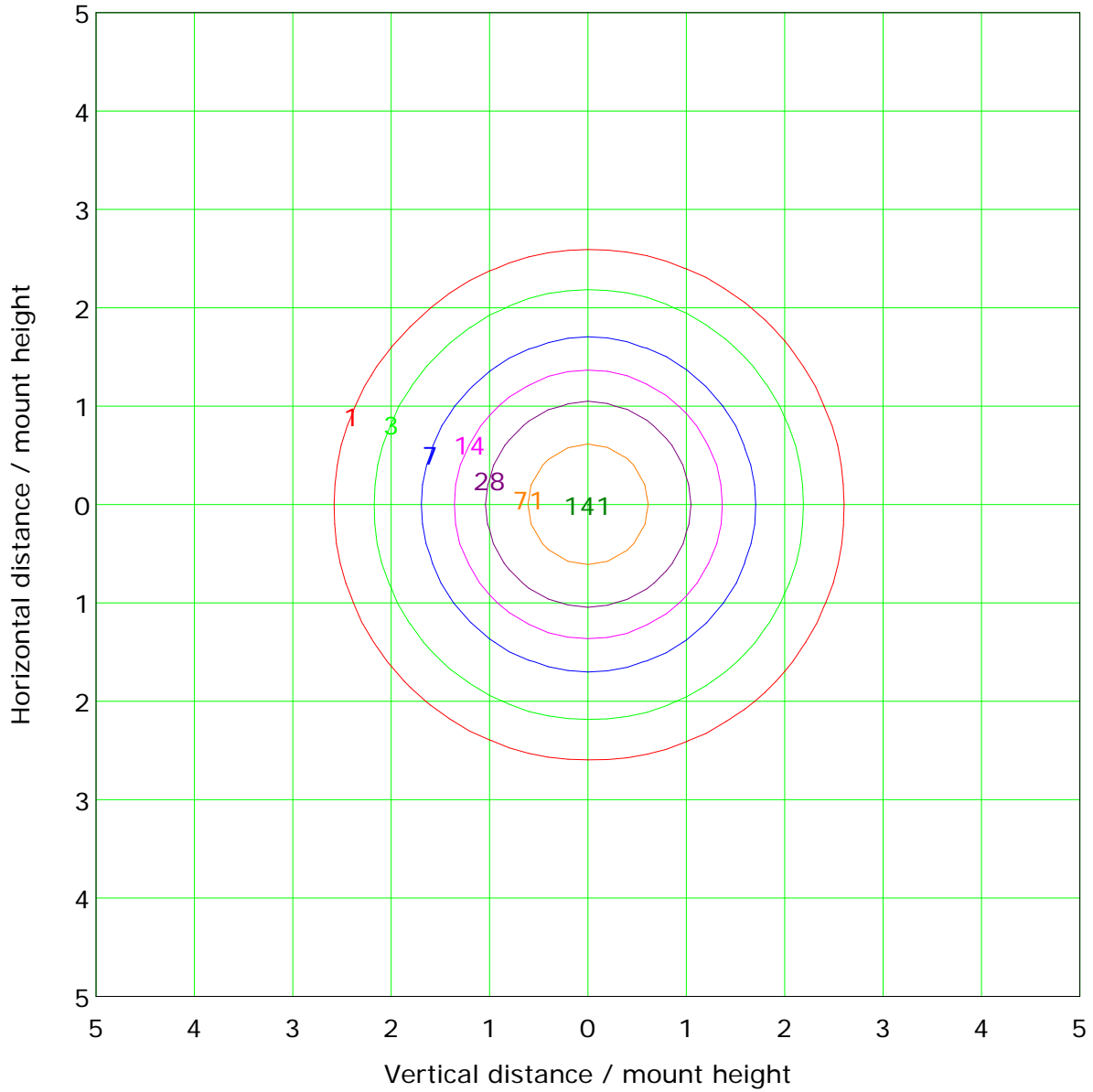
I<sub>max</sub> (100%): 1271 cd

— ( 10%):	127 cd	— ( 16%):	203 cd
— ( 25%):	318 cd	— ( 40%):	508 cd
— ( 63%):	801 cd	— (100%):	1271 cd

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

Gamma Plane (°):0.0-90.0:1.0  
Test Device: GPM-1600  
Distance: 7.517 m  
Humidity:  
Inspector:

## IsoLux Plot



Mounting Height: 3.0m		Max Lux(100%): 141.2 lx
— ( 1%): 1.4 lx	— ( 2%): 2.8 lx	
— ( 5%): 7.1 lx	— (10%): 14.1 lx	
— (20%): 28.2 lx	— (50%): 70.6 lx	
— (100%): 141.2 lx		

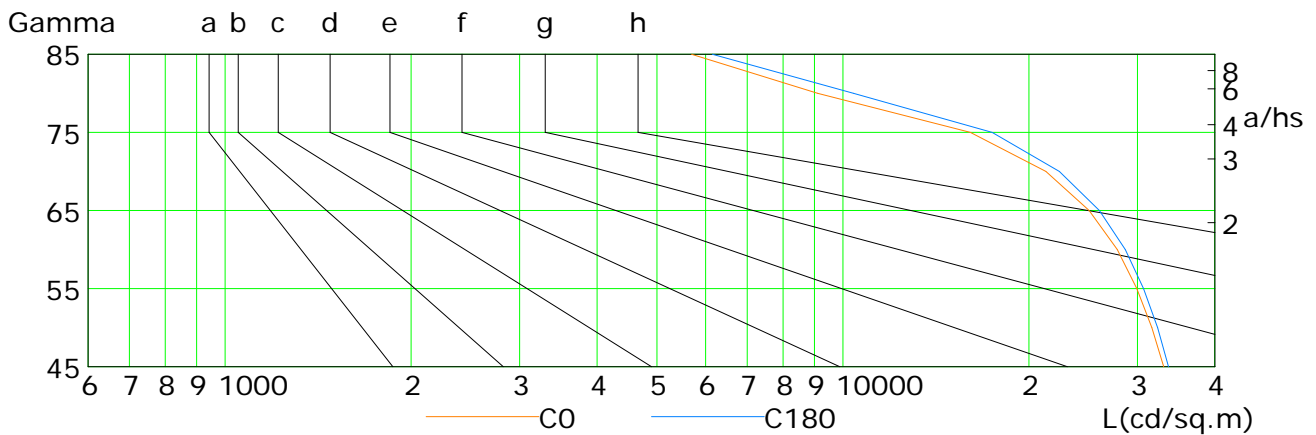
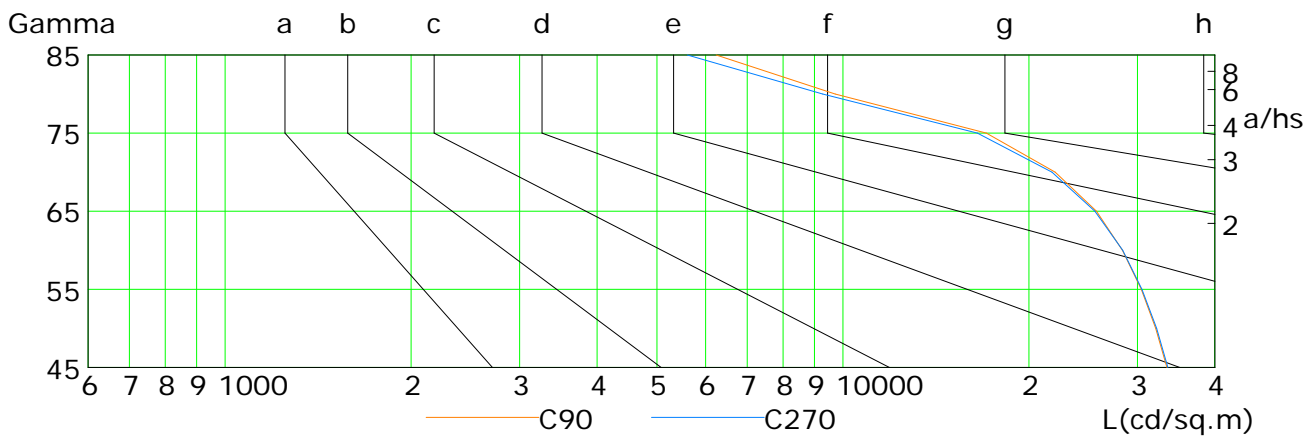
C Plane (°):0.0-360.0: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1600  
 Distance: 7.517 m  
 Humidity:  
 Inspector:

## Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
		2000	1000	500	<=300				
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

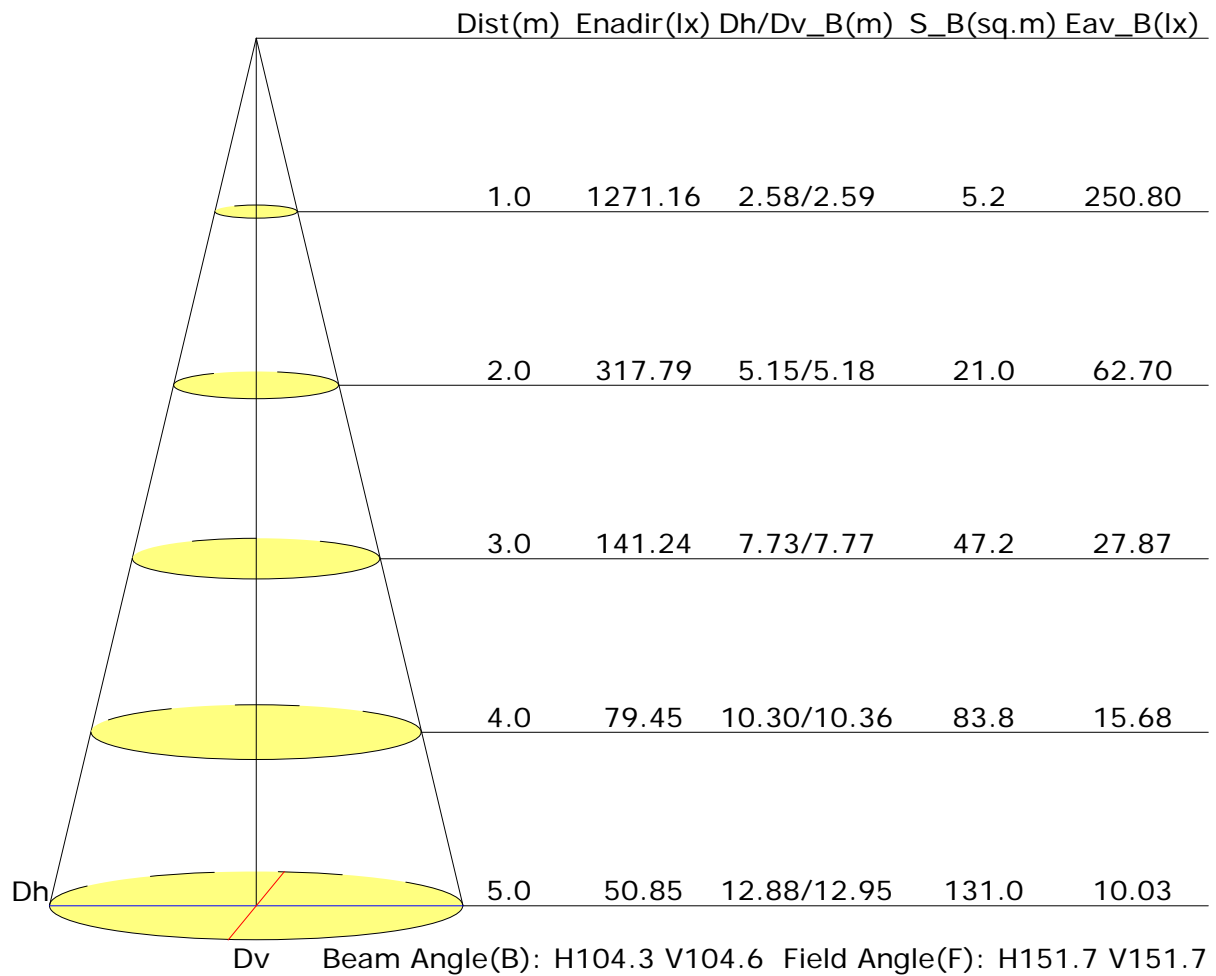


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	33084	31630	29922	27801	25053	21324	16090	9109	5691
C90	33456	32079	30423	28368	25732	22055	17079	9727	6240
C180	33659	32320	30665	28673	26008	22408	17437	10411	6150
C270	33593	32217	30504	28375	25590	21805	16511	9279	5605

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

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1600  
 Distance: 7.517 m  
 Humidity:  
 Inspector:

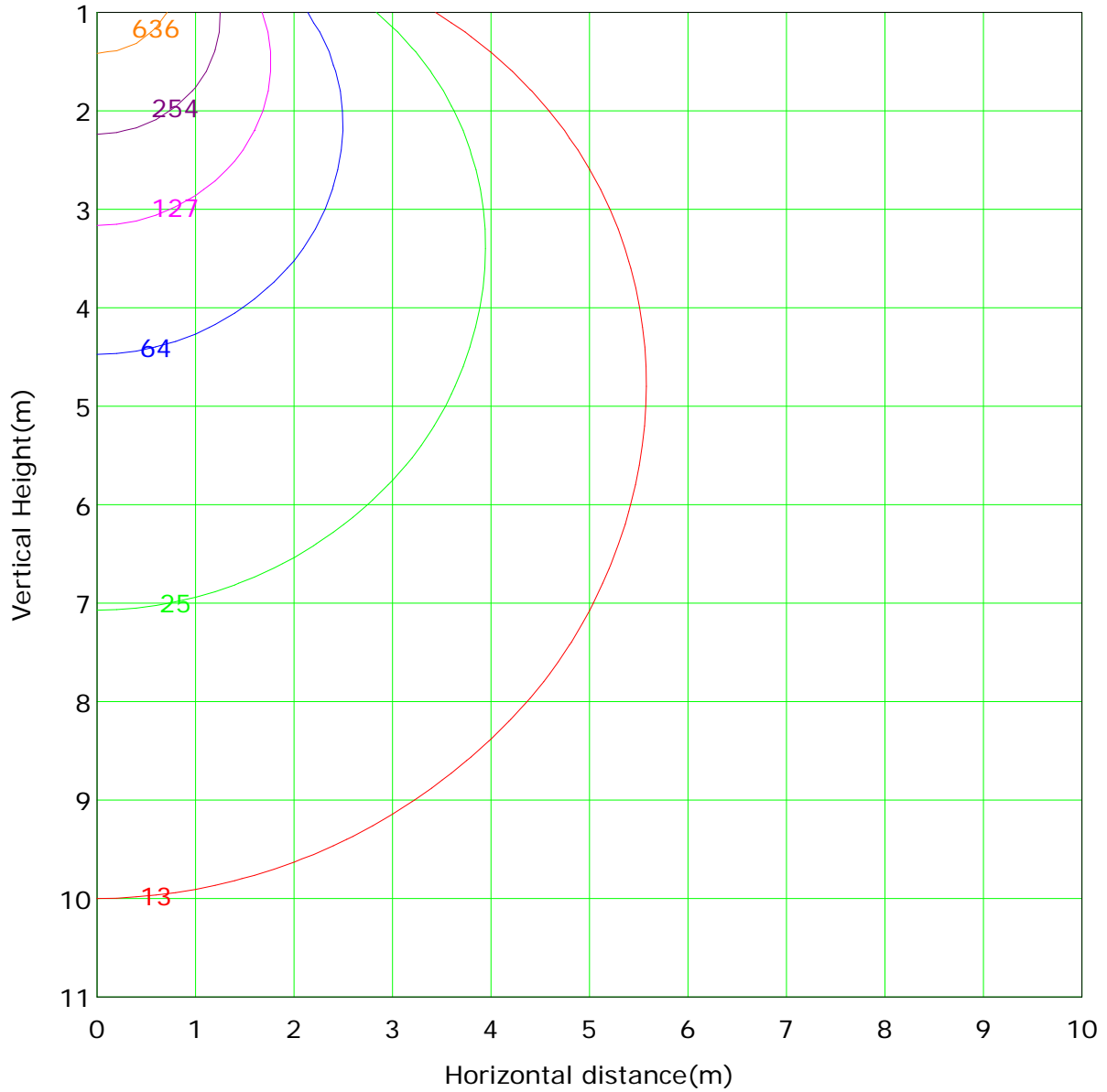
## Illuminance at a Distance



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

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1600  
 Distance: 7.517 m  
 Humidity:  
 Inspector:

## Vertical IsoLux Plot



Lowest(m): 1.0m    Highest(m): 11.0m    Max Lux: 1271.2 lx

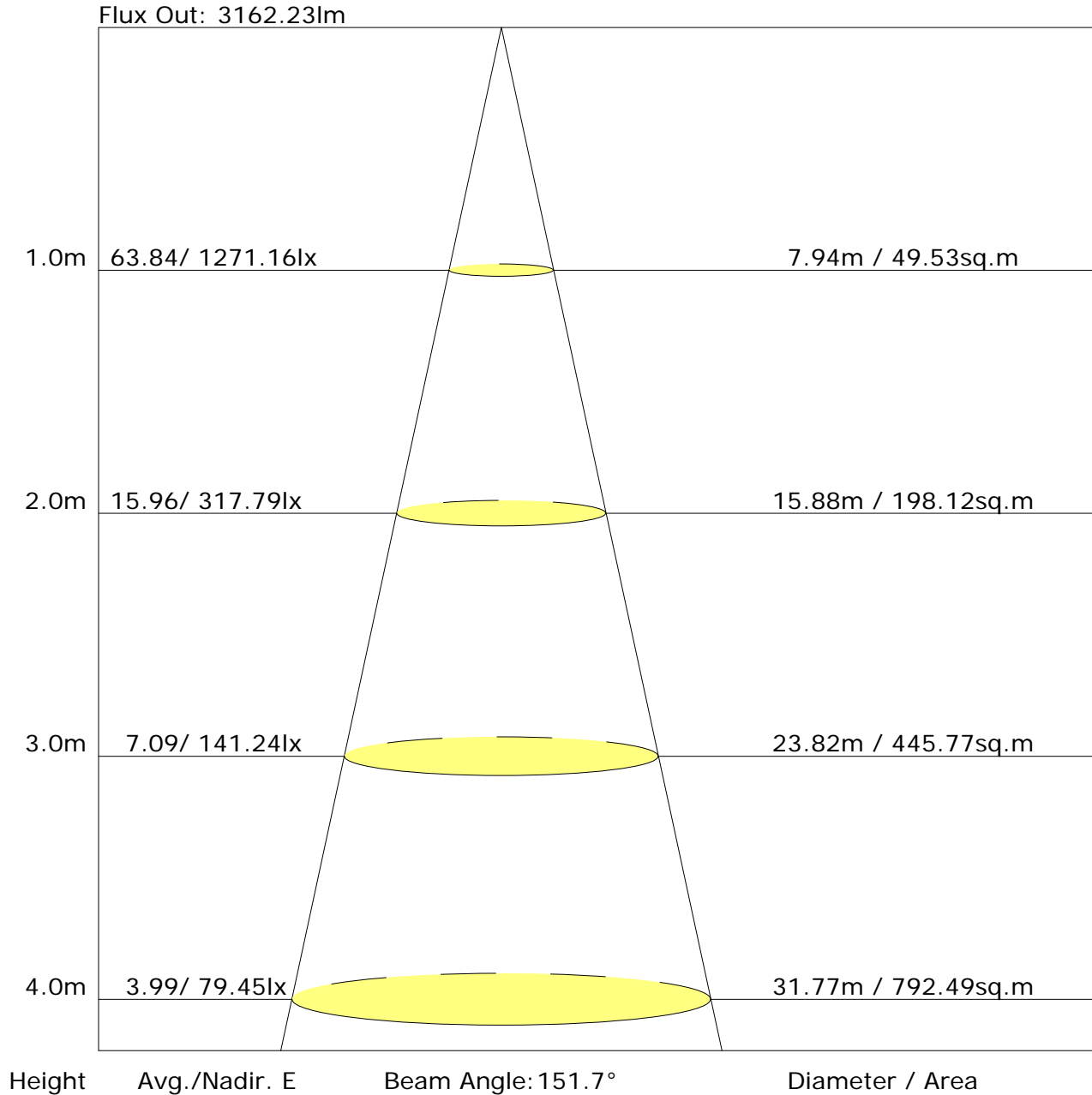
— ( 1%): 12.7 lx	— ( 2%): 25.4 lx
— ( 5%): 63.6 lx	— (10%): 127.1 lx
— (20%): 254.2 lx	— (50%): 635.6 lx
— (100%):1271.2 lx	

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

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1600  
 Distance: 7.517 m  
 Humidity:  
 Inspector:



## The Average Illuminance Effective Figure



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

Gamma Plane (°): 0.0-90.0: 1.0  
 Test Device: GPM-1600  
 Distance: 7.517 m  
 Humidity:  
 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	24.3	25.6	24.6	25.9	26.1	24.4	25.7	24.7	25.9	26.2
3H	25.5	26.7	25.8	26.9	27.2	25.6	26.8	25.9	27.0	27.3
4H	25.8	26.9	26.1	27.2	27.5	25.9	27.0	26.2	27.3	27.6
6H	25.9	26.9	26.3	27.3	27.6	26.0	27.1	26.4	27.4	27.7
8H	25.9	26.9	26.2	27.2	27.5	26.0	27.0	26.4	27.3	27.7
12H	25.9	26.8	26.2	27.2	27.5	26.0	26.9	26.4	27.3	27.6
X=4H Y=2H	24.9	26.0	25.2	26.3	26.6	24.9	26.1	25.3	26.4	26.6
3H	26.2	27.1	26.6	27.5	27.8	26.3	27.2	26.6	27.6	27.9
4H	26.6	27.4	27.0	27.8	28.2	26.7	27.5	27.1	27.9	28.3
6H	26.7	27.5	27.2	27.9	28.3	26.8	27.6	27.3	28.0	28.4
8H	26.7	27.4	27.2	27.8	28.3	26.8	27.5	27.3	27.9	28.4
12H	26.7	27.4	27.2	27.8	28.2	26.8	27.5	27.3	27.9	28.3
X=8H Y=4H	26.7	27.4	27.1	27.8	28.2	26.8	27.5	27.2	27.9	28.3
6H	26.9	27.5	27.4	27.9	28.4	27.0	27.6	27.5	28.0	28.5
8H	26.9	27.4	27.4	27.9	28.4	27.0	27.5	27.5	28.0	28.5
12H	26.9	27.4	27.4	27.8	28.3	27.0	27.5	27.5	27.9	28.4
X=12H Y=4H	26.7	27.3	27.1	27.7	28.2	26.8	27.4	27.2	27.8	28.3
6H	26.9	27.4	27.4	27.8	28.3	27.0	27.5	27.5	27.9	28.4
8H	26.9	27.3	27.4	27.8	28.3	27.0	27.4	27.5	27.9	28.4
Variations with the observer position at spacings:										
S=1.0H	+0.2/-0.2					+0.2/-0.2				
S=1.5H	+0.4/-0.7					+0.4/-0.6				
S=2.0H	+0.8/-1.2					+0.8/-1.2				

Calculate in accordance with CIE Pub.117. The table is revised with  $3222lm$  ( $8\log(F/F_0) = 4.1$ ).

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

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1600  
 Distance: 7.517 m  
 Humidity:  
 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	0.64	0.72	0.79	0.84	0.91	0.96	0.99	1.03	1.06	
	0.30		0.57	0.65	0.73	0.78	0.86	0.91	0.94	0.99	1.03	
	0.20		0.51	0.60	0.68	0.73	0.81	0.87	0.91	0.96	1.00	
0.50	0.50	0.20	0.62	0.70	0.77	0.82	0.88	0.92	0.95	0.99	1.01	
	0.30		0.56	0.64	0.71	0.76	0.84	0.88	0.92	0.96	0.99	
	0.20		0.51	0.59	0.67	0.72	0.80	0.85	0.88	0.93	0.97	
0.30	0.50	0.20	0.61	0.68	0.75	0.79	0.85	0.89	0.92	0.95	0.98	
	0.30		0.55	0.63	0.70	0.75	0.81	0.86	0.89	0.93	0.96	
	0.20		0.51	0.58	0.66	0.71	0.78	0.83	0.86	0.91	0.94	
0.00	0.00	0.00	0.49	0.56	0.63	0.68	0.75	0.79	0.82	0.86	0.89	
<p>Rating: 29W Photometrically tested without ceiling board.            Multiply UF values by service correction factors            Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

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

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1600  
 Distance: 7.517 m  
 Humidity:  
 Inspector:

## 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	0.90	0.75	0.63	0.54	0.43	0.35	0.30	0.23	0.19	
	0.30		0.75	0.64	0.55	0.48	0.39	0.33	0.28	0.22	0.18	
	0.20		0.64	0.56	0.49	0.43	0.35	0.30	0.26	0.21	0.17	
0.50	0.50	0.20	0.86	0.72	0.60	0.52	0.41	0.37	0.29	0.22	0.18	
	0.30		0.73	0.63	0.53	0.47	0.37	0.31	0.27	0.21	0.17	
	0.20		0.63	0.55	0.48	0.42	0.34	0.29	0.25	0.20	0.16	
0.30	0.50	0.20	0.84	0.69	0.58	0.50	0.39	0.32	0.27	0.21	0.17	
	0.30		0.71	0.61	0.52	0.45	0.36	0.30	0.26	0.20	0.16	
	0.20		0.63	0.54	0.47	0.41	0.33	0.28	0.24	0.19	0.16	
0.00	0.00	0.00	0.52	0.44	0.37	0.32	0.26	0.21	0.18	0.14	0.11	
<p>Rating: 29W Photometrically tested without ceiling board.            Multiply UF values by service correction factors            Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

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

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1600  
 Distance: 7.517 m  
 Humidity:  
 Inspector:

## 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	0.15	0.17	0.18	0.18	0.19	0.20	0.20	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	0.07	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	0.06	0.08	0.09	0.11	0.13	0.14	0.16	0.17	
0.30	0.50	0.20	0.14	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	0.13	0.14	0.15	0.16	
0.00	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	
<p>Rating: 29W Photometrically tested without ceiling board.            Multiply UF values by service correction factors            Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

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

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1600  
 Distance: 7.517 m  
 Humidity:  
 Inspector:

## 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	1271.0	1.2	1.2	0.04	0.04
1.0-2.0	1270.5	3.6	4.9	0.11	0.15
2.0-3.0	1269.3	6.1	10.9	0.19	0.34
3.0-4.0	1267.6	8.5	19.4	0.26	0.60
4.0-5.0	1265.3	10.9	30.3	0.34	0.94
5.0-6.0	1262.4	13.3	43.6	0.41	1.35
6.0-7.0	1259.0	15.6	59.2	0.49	1.84
7.0-8.0	1255.1	18.0	77.2	0.56	2.39
8.0-9.0	1250.6	20.3	97.4	0.63	3.02
9.0-10.0	1245.6	22.5	120.0	0.70	3.72
10.0-11.0	1240.0	24.8	144.8	0.77	4.49
11.0-12.0	1233.9	27.0	171.7	0.84	5.33
12.0-13.0	1227.4	29.1	200.9	0.90	6.23
13.0-14.0	1220.3	31.2	232.1	0.97	7.20
14.0-15.0	1212.7	33.3	265.4	1.03	8.24
15.0-16.0	1204.7	35.3	300.7	1.10	9.33
16.0-17.0	1196.1	37.3	338.0	1.16	10.49
17.0-18.0	1187.1	39.1	377.1	1.21	11.70
18.0-19.0	1177.7	41.0	418.1	1.27	12.97
19.0-20.0	1167.9	42.8	460.8	1.33	14.30
20.0-21.0	1157.8	44.5	505.3	1.38	15.68
21.0-22.0	1147.3	46.1	551.4	1.43	17.11
22.0-23.0	1136.5	47.7	599.1	1.48	18.59
23.0-24.0	1125.4	49.2	648.3	1.53	20.12
24.0-25.0	1113.8	50.7	699.0	1.57	21.69
25.0-26.0	1101.9	52.0	751.0	1.61	23.31
26.0-27.0	1089.6	53.3	804.3	1.65	24.96
27.0-28.0	1076.9	54.5	858.8	1.69	26.65
28.0-29.0	1064.0	55.7	914.5	1.73	28.38
29.0-30.0	1050.7	56.7	971.3	1.76	30.14
30.0-31.0	1036.8	57.7	1029.0	1.79	31.93
31.0-32.0	1021.9	58.6	1087.5	1.82	33.75
32.0-33.0	1006.5	59.3	1146.8	1.84	35.59
33.0-34.0	990.7	60.0	1206.8	1.86	37.45
34.0-35.0	974.5	60.5	1267.3	1.88	39.33
35.0-36.0	957.9	61.0	1328.3	1.89	41.22

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

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1600  
 Distance: 7.517 m  
 Humidity:  
 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	940.8	61.4	1389.7	1.90	43.13
37.0-38.0	923.4	61.6	1451.3	1.91	45.04
38.0-39.0	905.6	61.8	1513.1	1.92	46.96
39.0-40.0	887.4	61.9	1575.0	1.92	48.88
40.0-41.0	869.0	61.9	1636.9	1.92	50.80
41.0-42.0	850.5	61.8	1698.7	1.92	52.72
42.0-43.0	831.5	61.6	1760.3	1.91	54.63
43.0-44.0	812.4	61.3	1821.7	1.90	56.53
44.0-45.0	793.1	61.0	1882.6	1.89	58.42
45.0-46.0	773.4	60.5	1943.1	1.88	60.30
46.0-47.0	753.5	59.9	2003.0	1.86	62.16
47.0-48.0	733.4	59.3	2062.3	1.84	64.00
48.0-49.0	713.2	58.6	2120.9	1.82	65.82
49.0-50.0	692.7	57.8	2178.7	1.79	67.61
50.0-51.0	672.0	56.9	2235.5	1.76	69.38
51.0-52.0	651.1	55.9	2291.4	1.73	71.11
52.0-53.0	630.1	54.8	2346.2	1.70	72.81
53.0-54.0	609.0	53.7	2399.9	1.67	74.48
54.0-55.0	587.8	52.5	2452.4	1.63	76.11
55.0-56.0	566.5	51.2	2503.6	1.59	77.70
56.0-57.0	545.0	49.8	2553.4	1.55	79.24
57.0-58.0	523.2	48.4	2601.8	1.50	80.74
58.0-59.0	501.4	46.9	2648.7	1.45	82.20
59.0-60.0	479.6	45.3	2694.0	1.41	83.60
60.0-61.0	457.4	43.7	2737.7	1.35	84.96
61.0-62.0	435.3	41.9	2779.6	1.30	86.26
62.0-63.0	413.2	40.2	2819.8	1.25	87.51
63.0-64.0	391.0	38.4	2858.2	1.19	88.70
64.0-65.0	369.0	36.5	2894.7	1.13	89.83
65.0-66.0	346.9	34.6	2929.3	1.07	90.91
66.0-67.0	324.7	32.7	2962.0	1.01	91.92
67.0-68.0	302.7	30.7	2992.7	0.95	92.87
68.0-69.0	280.9	28.7	3021.3	0.89	93.76
69.0-70.0	259.0	26.6	3047.9	0.83	94.59
70.0-71.0	237.4	24.5	3072.5	0.76	95.35
71.0-72.0	216.1	22.5	3094.9	0.70	96.05

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

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1600  
 Distance: 7.517 m  
 Humidity:  
 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	1271.2	1271.2	1271.2	1271.2	1271.2	1271.2	1271.2	1271.2	1271.2	
G1.0	1271.2	1270.7	1270.7	1271.0	1271.2	1270.7	1271.1	1270.5	1271.2	
G2.0	1269.8	1269.7	1269.8	1270.4	1270.5	1270.2	1270.3	1269.5	1269.8	
G3.0	1268.1	1268.0	1268.3	1269.2	1269.1	1268.9	1269.0	1267.9	1268.1	
G4.0	1266.0	1265.9	1266.2	1267.2	1267.4	1267.0	1267.2	1265.5	1266.0	
G5.0	1263.1	1263.2	1263.6	1265.0	1264.9	1264.5	1265.0	1262.9	1263.1	
G6.0	1259.6	1259.8	1260.3	1262.1	1262.0	1261.6	1262.1	1259.3	1259.6	
G7.0	1255.5	1255.9	1256.6	1258.7	1258.8	1258.4	1258.4	1255.4	1255.5	
G8.0	1251.3	1251.5	1252.4	1254.6	1254.4	1254.2	1254.5	1250.8	1251.3	
G9.0	1246.3	1246.8	1247.3	1250.0	1250.0	1249.7	1249.5	1246.0	1246.3	
G10.0	1240.7	1241.5	1242.2	1245.3	1244.8	1244.4	1244.4	1240.3	1240.7	
G11.0	1234.7	1235.4	1236.0	1239.4	1239.5	1238.8	1238.7	1234.0	1234.7	
G12.0	1228.2	1228.7	1230.0	1233.3	1233.2	1232.7	1232.5	1227.6	1228.2	
G13.0	1221.3	1222.0	1223.0	1226.8	1226.8	1225.9	1225.6	1220.5	1221.3	
G14.0	1213.7	1214.3	1215.4	1219.7	1219.6	1218.6	1218.3	1212.9	1213.7	
G15.0	1206.1	1206.9	1207.7	1212.2	1211.8	1211.0	1210.5	1204.7	1206.1	
G16.0	1197.5	1198.4	1199.5	1203.9	1203.5	1202.8	1202.6	1196.0	1197.5	
G17.0	1188.4	1189.5	1190.5	1195.2	1194.9	1194.4	1193.8	1187.2	1188.4	
G18.0	1178.9	1180.4	1181.3	1186.0	1185.7	1185.1	1184.5	1177.7	1178.9	
G19.0	1169.1	1170.9	1171.9	1176.4	1176.0	1175.6	1175.2	1168.1	1169.1	
G20.0	1158.7	1160.7	1162.3	1166.6	1166.0	1166.3	1165.4	1157.8	1158.7	
G21.0	1148.4	1150.7	1151.9	1156.6	1155.8	1155.8	1155.2	1147.3	1148.4	
G22.0	1137.2	1140.0	1141.2	1145.9	1145.2	1145.0	1144.4	1136.3	1137.2	
G23.0	1126.2	1129.2	1130.2	1135.5	1134.2	1135.0	1133.7	1125.3	1126.2	
G24.0	1114.8	1117.5	1119.0	1123.9	1122.7	1123.3	1122.7	1113.5	1114.8	
G25.0	1102.5	1105.9	1107.4	1112.8	1111.0	1111.7	1110.9	1101.7	1102.5	
G26.0	1090.2	1093.6	1095.3	1100.4	1099.4	1099.5	1098.7	1089.1	1090.2	
G27.0	1077.7	1081.1	1083.1	1088.2	1086.5	1087.2	1086.4	1076.7	1077.7	
G28.0	1064.5	1068.5	1070.2	1075.5	1073.8	1074.0	1073.8	1063.5	1064.5	
G29.0	1051.3	1055.7	1057.4	1062.8	1060.4	1061.1	1060.6	1050.2	1051.3	
G30.0	1037.7	1042.5	1044.3	1049.5	1047.6	1047.4	1047.3	1036.0	1037.7	
G31.0	1023.0	1027.7	1029.9	1035.6	1033.4	1033.2	1032.5	1021.2	1023.0	
G32.0	1007.2	1012.5	1014.6	1020.9	1018.5	1017.9	1017.1	1005.5	1007.2	
G33.0	991.8	996.6	998.8	1005.1	1003.0	1002.4	1001.9	989.9	991.8	
G34.0	975.2	980.8	983.0	989.3	987.6	986.4	986.2	973.4	975.2	
G35.0	958.9	964.8	966.3	972.7	971.3	970.2	969.8	956.8	958.9	
G36.0	941.6	947.4	950.2	956.5	954.7	952.7	953.1	939.3	941.6	

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

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1600  
 Distance: 7.517 m  
 Humidity:  
 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	924.5	930.3	932.5	939.5	937.2	935.6	935.9	922.4	924.5	
G38.0	906.0	912.6	914.6	922.1	920.2	918.1	918.4	904.1	906.0	
G39.0	888.6	894.6	896.9	904.3	902.2	900.4	900.6	886.1	888.6	
G40.0	869.5	876.7	878.6	885.7	883.6	881.7	881.9	867.1	869.5	
G41.0	852.0	857.7	860.7	867.8	865.2	863.5	863.4	848.7	852.0	
G42.0	832.4	839.0	841.4	849.7	846.7	844.9	845.1	829.5	832.4	
G43.0	813.1	820.1	822.3	830.2	827.3	826.2	825.5	810.7	813.1	
G44.0	794.3	800.9	803.3	811.8	808.2	806.6	806.4	791.0	794.3	
G45.0	774.9	781.2	783.6	792.3	788.4	787.5	786.8	771.6	774.9	
G46.0	754.6	761.6	764.4	772.8	769.0	766.9	767.4	751.4	754.6	
G47.0	734.8	741.8	744.1	752.8	748.5	747.2	746.8	731.3	734.8	
G48.0	714.7	721.5	724.1	733.6	728.8	727.1	726.5	710.7	714.7	
G49.0	694.0	700.6	703.9	713.0	708.3	707.5	706.4	690.2	694.0	
G50.0	673.4	680.5	683.0	693.0	688.1	686.0	686.0	669.4	673.4	
G51.0	653.0	659.3	662.5	672.2	666.7	665.5	664.7	648.3	653.0	
G52.0	632.0	639.0	641.6	651.6	646.3	644.6	643.4	626.8	632.0	
G53.0	610.7	618.0	620.4	630.9	625.3	623.6	621.9	606.1	610.7	
G54.0	589.3	596.7	600.0	609.6	604.6	602.3	600.3	585.1	589.3	
G55.0	568.5	575.7	578.0	588.2	582.6	581.4	579.5	563.6	568.5	
G56.0	547.2	554.3	557.0	567.6	561.7	559.6	557.3	541.4	547.2	
G57.0	525.7	531.9	535.5	545.9	540.0	538.2	536.0	519.9	525.7	
G58.0	503.6	511.0	513.6	524.8	518.3	515.5	513.4	497.6	503.6	
G59.0	482.8	489.0	492.0	502.9	496.7	494.1	492.0	475.0	482.8	
G60.0	460.4	467.2	469.8	481.1	474.9	472.1	469.9	453.3	460.4	
G61.0	438.2	445.3	447.6	458.9	452.4	449.5	447.2	430.6	438.2	
G62.0	416.2	423.3	425.5	437.8	430.4	427.5	425.3	408.6	416.2	
G63.0	394.4	401.0	404.1	415.5	408.4	405.3	402.5	386.2	394.4	
G64.0	371.9	379.2	381.4	394.0	385.7	383.1	379.5	364.0	371.9	
G65.0	350.7	357.0	360.2	371.7	364.1	361.1	358.2	341.5	350.7	
G66.0	328.4	334.7	337.6	349.6	341.9	339.0	335.6	319.4	328.4	
G67.0	306.8	313.0	315.5	327.6	320.0	316.4	313.3	296.9	306.8	
G68.0	284.5	290.8	293.5	306.4	298.0	294.3	290.9	275.9	284.5	
G69.0	263.3	269.0	272.3	284.3	276.0	272.6	269.1	253.4	263.3	
G70.0	241.6	247.5	249.9	262.4	253.9	250.3	247.0	231.7	241.6	
G71.0	220.5	225.7	229.1	241.6	232.6	228.3	225.6	210.5	220.5	
G72.0	199.5	204.8	207.9	220.3	211.0	206.8	203.7	189.3	199.5	
G73.0	178.8	183.9	186.7	198.7	190.4	186.1	182.6	168.1	178.8	

C Plane (°):0.0-360.0: 45.0  
 Test Lab:  
 Test Type: TYPE C  
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Gamma Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1600  
 Distance: 7.517 m  
 Humidity:  
 Inspector:

