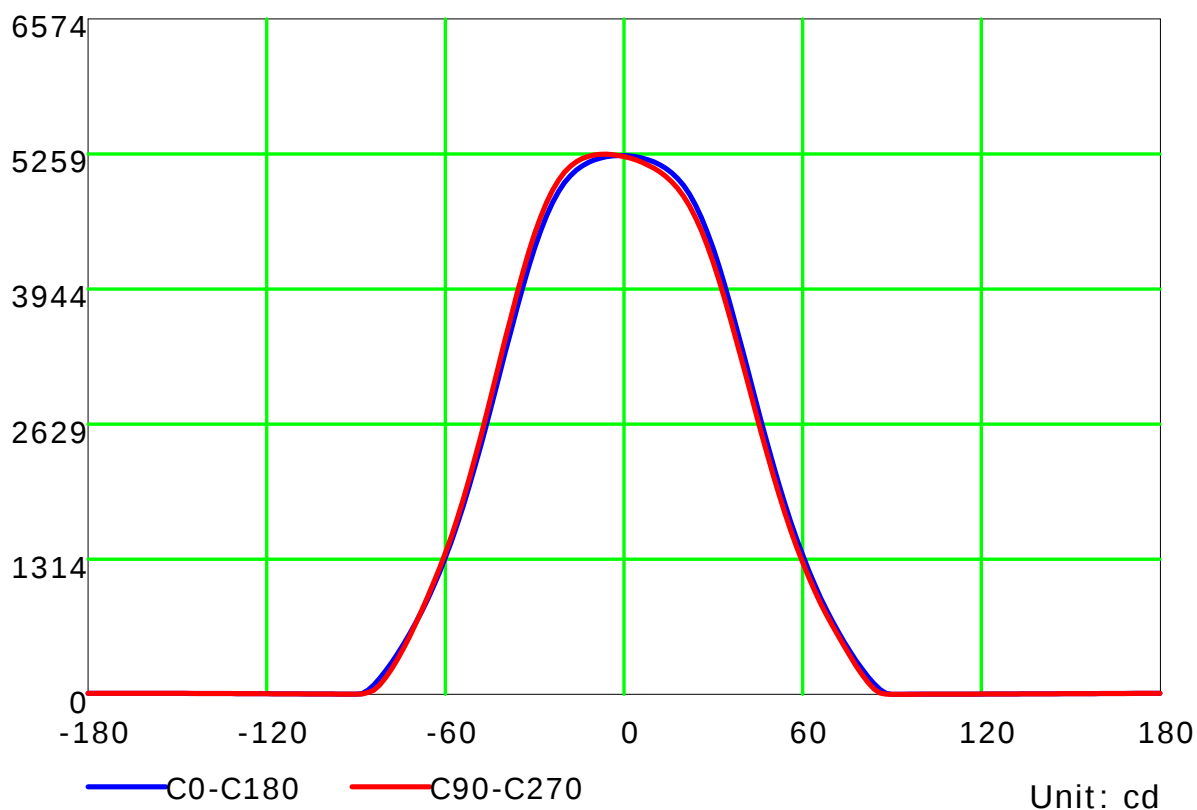
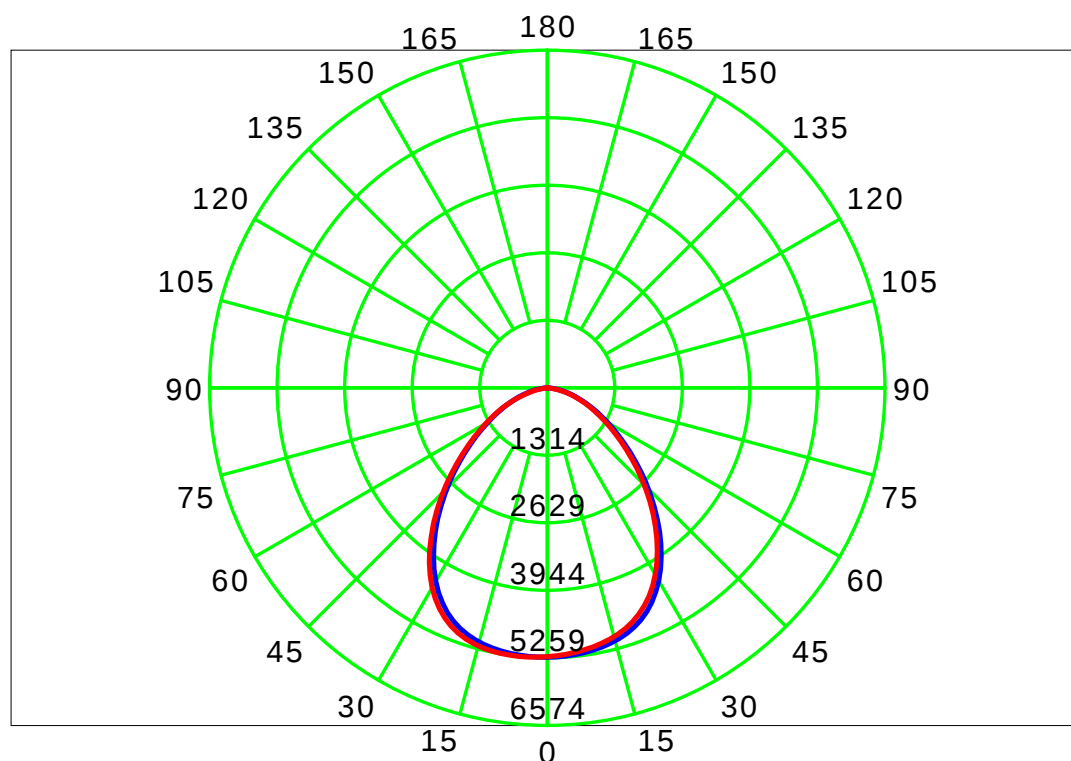


Inspector:

Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:2.0

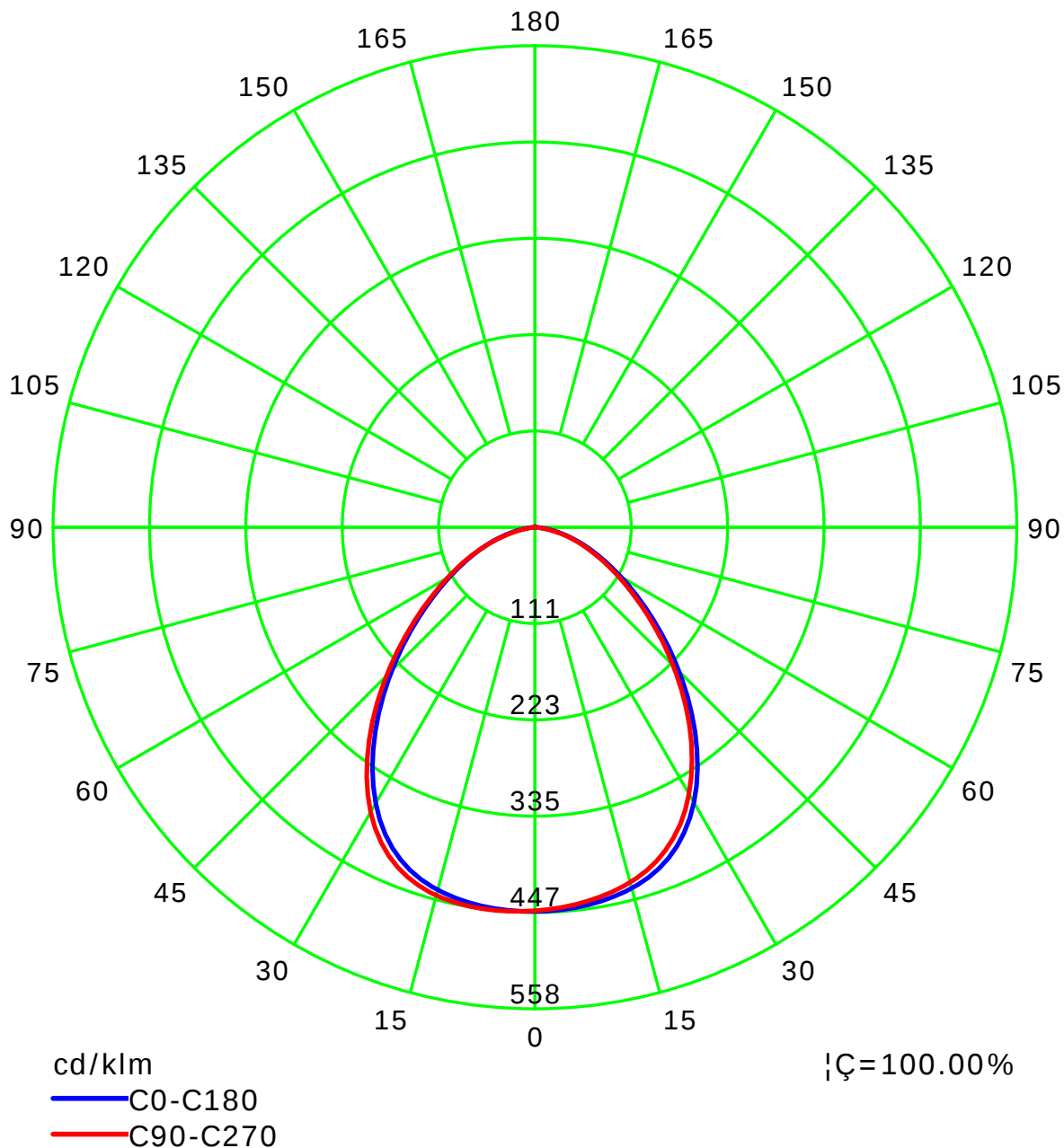
Test Device: LSG-1800B

Distance: 12.677 m

Humidity:

Inspector:

Luminous Intensity Distribution Curve(cd / klm)



C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:2.0

Test Device: LSG-1800B

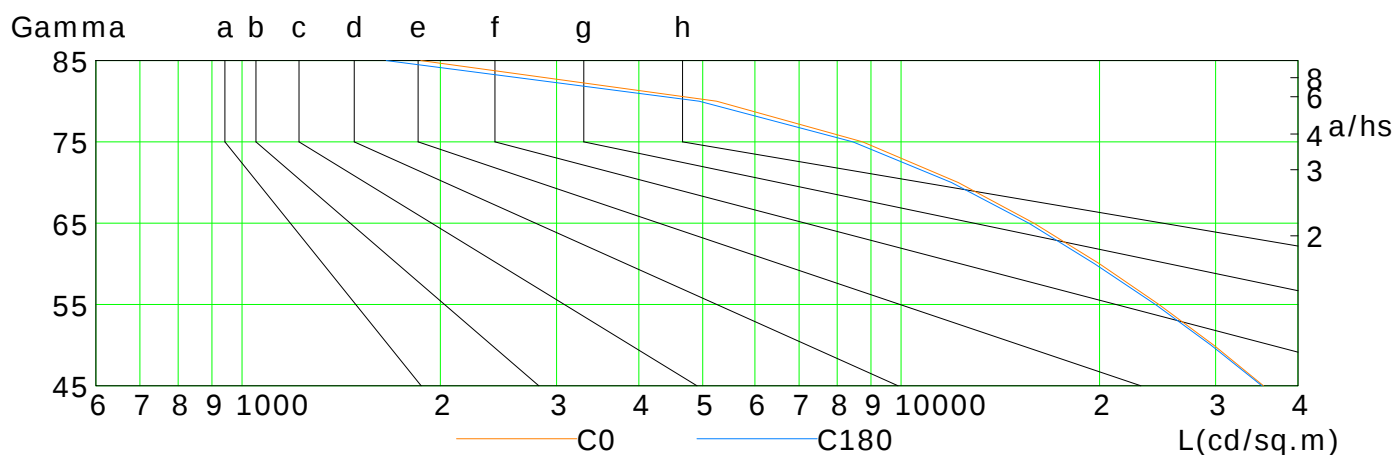
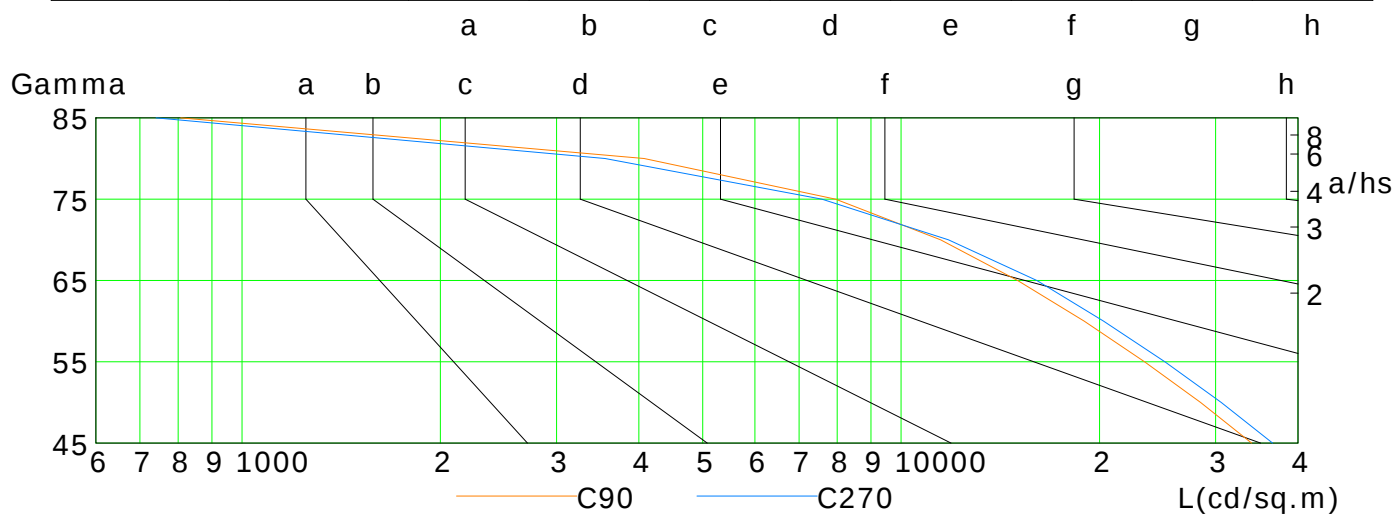
Distance: 12.677 m

Humidity:

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



L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	35463	29799	24611	19998	15903	12203	8742	5248	1868
C90	34029	28460	23410	18952	15024	11478	7955	4075	807
C180	35255	29523	24307	19652	15621	11923	8448	4940	1655
C270	36607	30599	25122	20277	16065	11798	7582	3555	741

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:2.0

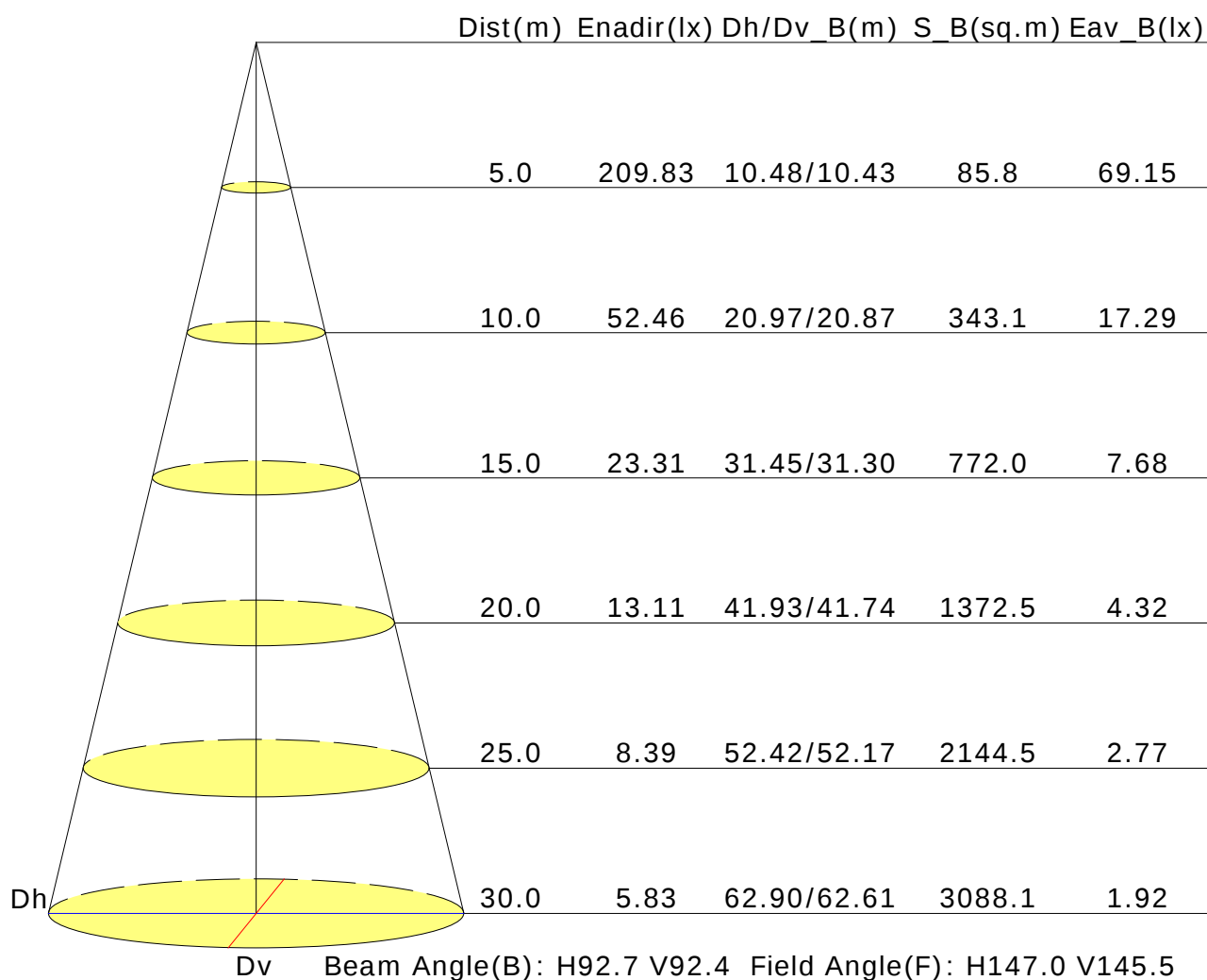
Test Device: LSG-1800B

Distance: 12.677 m

Humidity:

Inspector:

Illuminance at a Distance



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	23.0	24.3	23.3	24.5	24.8	23.0	24.3	23.3	24.5	24.8
3H	23.8	24.9	24.1	25.2	25.4	23.7	24.9	24.1	25.1	25.4
4H	24.0	25.0	24.3	25.3	25.6	23.9	25.0	24.3	25.3	25.6
6H	24.1	25.1	24.4	25.4	25.7	23.9	24.9	24.3	25.3	25.6
8H	24.1	25.0	24.4	25.3	25.7	23.9	24.9	24.3	25.2	25.5
12H	24.0	25.0	24.4	25.3	25.6	23.9	24.8	24.3	25.1	25.5
X=4H Y=2H	23.3	24.4	23.7	24.7	25.0	23.3	24.4	23.7	24.7	25.0
3H	24.2	25.1	24.6	25.4	25.8	24.2	25.1	24.5	25.4	25.8
4H	24.5	25.3	24.9	25.7	26.0	24.4	25.2	24.8	25.6	26.0
6H	24.6	25.4	25.1	25.7	26.1	24.5	25.2	24.9	25.6	26.0
8H	24.7	25.3	25.1	25.7	26.1	24.5	25.2	24.9	25.6	26.0
12H	24.6	25.2	25.1	25.7	26.1	24.5	25.1	24.9	25.5	25.9
X=8H Y=4H	24.5	25.2	25.0	25.6	26.0	24.5	25.1	24.9	25.5	26.0
6H	24.7	25.3	25.2	25.7	26.2	24.6	25.1	25.1	25.6	26.0
8H	24.8	25.3	25.3	25.7	26.2	24.6	25.1	25.1	25.5	26.0
12H	24.8	25.2	25.3	25.7	26.2	24.6	25.0	25.1	25.5	26.0
X=12H Y=4H	24.5	25.1	25.0	25.5	26.0	24.5	25.0	24.9	25.5	25.9
6H	24.7	25.2	25.2	25.7	26.1	24.6	25.1	25.1	25.5	26.0
8H	24.8	25.2	25.3	25.7	26.2	24.6	25.0	25.1	25.5	26.0
Variations with the observer position at spacings:										
S=1.0H	+0.3/-0.5					+0.3/-0.5				
S=1.5H	+0.7/-1.1					+0.8/-1.2				
S=2.0H	+1.6/-2.1					+1.7/-2.2				

Calculate in accordance with CIE Pub.117. The table is revised with 11767lm ($8\log(F/F_0) = 8.6$).

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:2.0

Test Device: LSG-1800B

Distance: 12.677 m

Humidity:

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	0.64	0.74	0.81	0.86	0.92	0.96	0.99	1.03	1.06	
	0.30		0.57	0.67	0.74	0.79	0.87	0.92	0.95	1.00	1.03	
	0.20		0.52	0.62	0.69	0.75	0.82	0.88	0.92	0.97	1.00	
0.50	0.50	0.20	0.63	0.72	0.78	0.83	0.89	0.93	0.96	0.99	1.02	
	0.30		0.56	0.66	0.73	0.78	0.85	0.89	0.92	0.97	0.99	
	0.20		0.52	0.62	0.68	0.74	0.81	0.86	0.89	0.94	0.97	
0.30	0.50	0.20	0.61	0.70	0.76	0.80	0.86	0.90	0.92	0.96	0.98	
	0.30		0.56	0.65	0.71	0.76	0.82	0.87	0.90	0.93	0.96	
	0.20		0.51	0.61	0.68	0.72	0.79	0.84	0.87	0.91	0.94	
0.00	0.00	0.00	0.49	0.59	0.65	0.70	0.76	0.80	0.83	0.87	0.89	
Rating:99W 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(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	0.88	0.72	0.60	0.52	0.41	0.34	0.29	0.22	0.18	
	0.30		0.74	0.61	0.53	0.46	0.37	0.31	0.27	0.21	0.17	
	0.20		0.63	0.54	0.47	0.42	0.34	0.29	0.25	0.20	0.16	
0.50	0.50	0.20	0.85	0.69	0.58	0.50	0.39	0.36	0.27	0.21	0.17	
	0.30		0.72	0.60	0.51	0.45	0.36	0.30	0.26	0.20	0.16	
	0.20		0.62	0.53	0.46	0.40	0.33	0.28	0.24	0.19	0.16	
0.30	0.50	0.20	0.82	0.66	0.55	0.48	0.37	0.31	0.26	0.20	0.16	
	0.30		0.70	0.58	0.49	0.43	0.34	0.29	0.24	0.19	0.15	
	0.20		0.62	0.52	0.45	0.39	0.32	0.27	0.23	0.18	0.15	
0.00	0.00	0.00	0.51	0.41	0.35	0.30	0.24	0.20	0.17	0.13	0.11	
Rating:99W 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	0.18	0.20	0.20	0.21	0.21	0.22	
	0.30		0.10	0.11	0.13	0.14	0.15	0.17	0.17	0.19	0.20	
	0.20		0.05	0.07	0.09	0.10	0.12	0.14	0.15	0.16	0.18	
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	0.10	0.12	0.13	0.14	0.16	0.17	
0.30	0.50	0.20	0.15	0.16	0.17	0.17	0.18	0.19	0.19	0.20	0.20	
	0.30		0.09	0.11	0.12	0.13	0.14	0.16	0.16	0.17	0.18	
	0.20		0.05	0.07	0.08	0.10	0.11	0.13	0.14	0.15	0.16	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Rating:99W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												