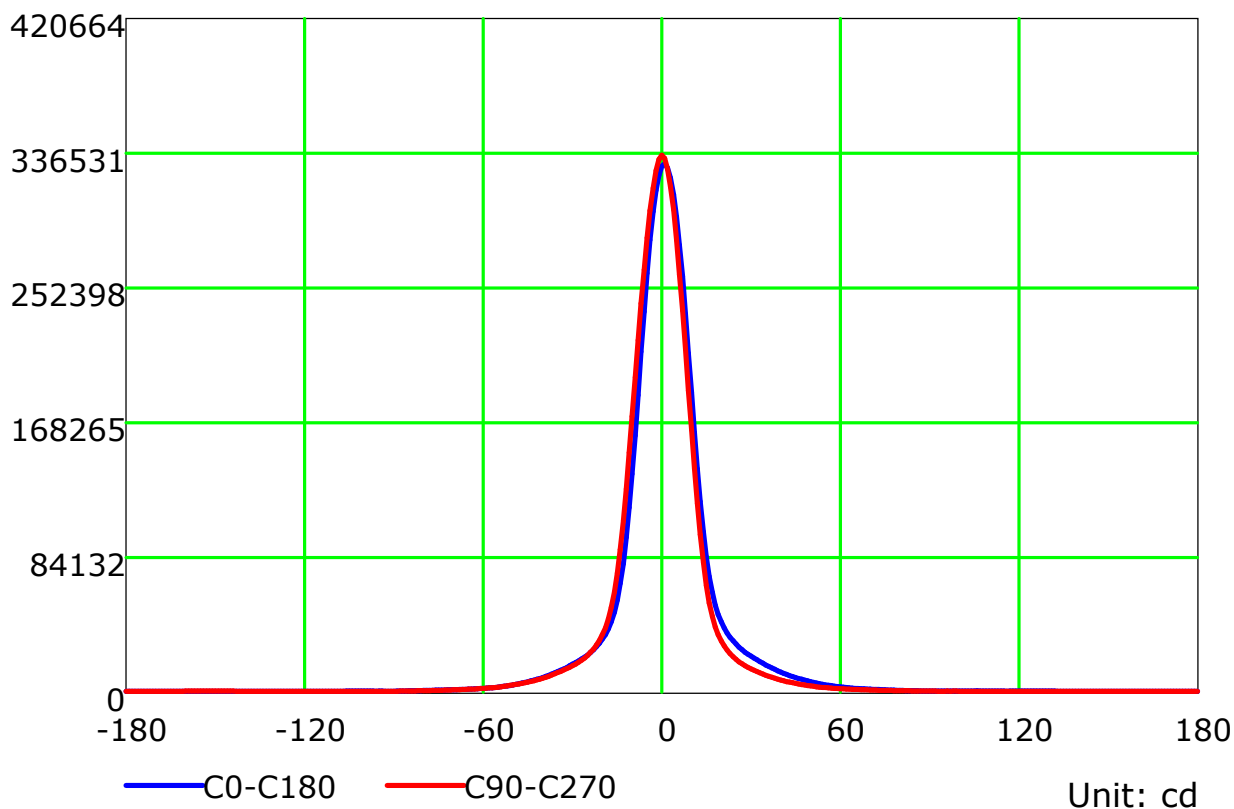
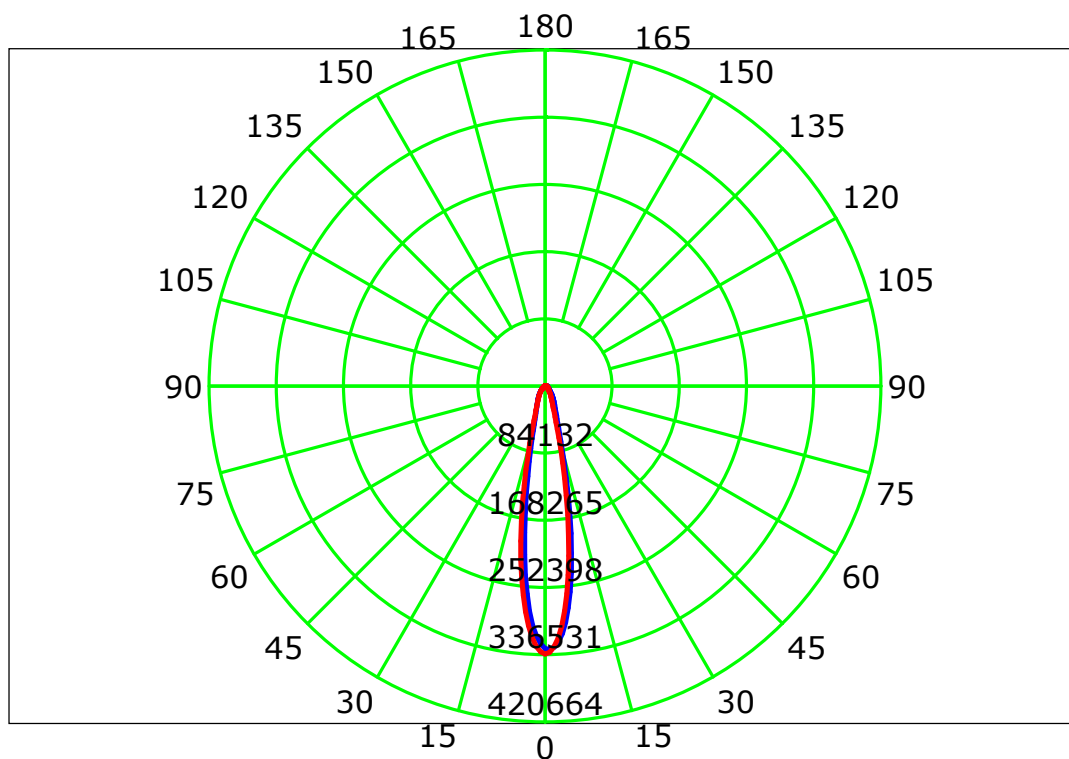


Inspector:

Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

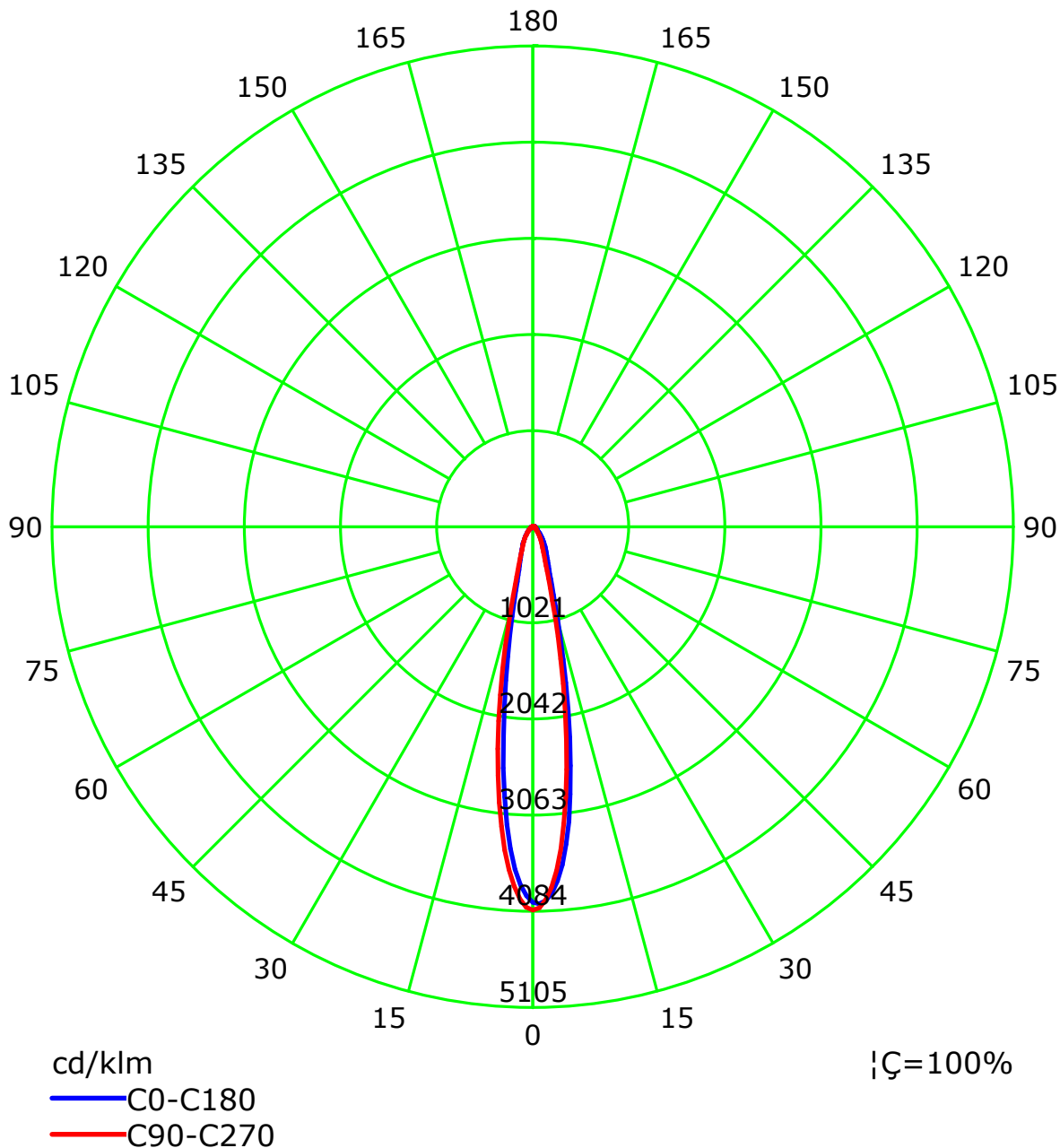
Test Device: LSG-1800B

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 (°):0.0-180.0:1.0

Test Device: LSG-1800B

Distance: 12.677 m

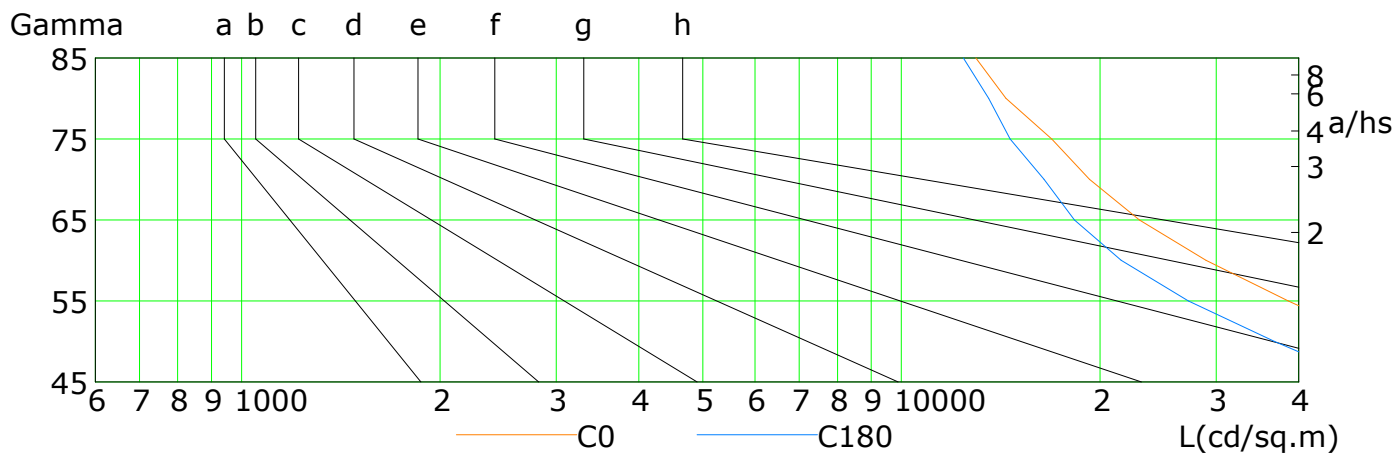
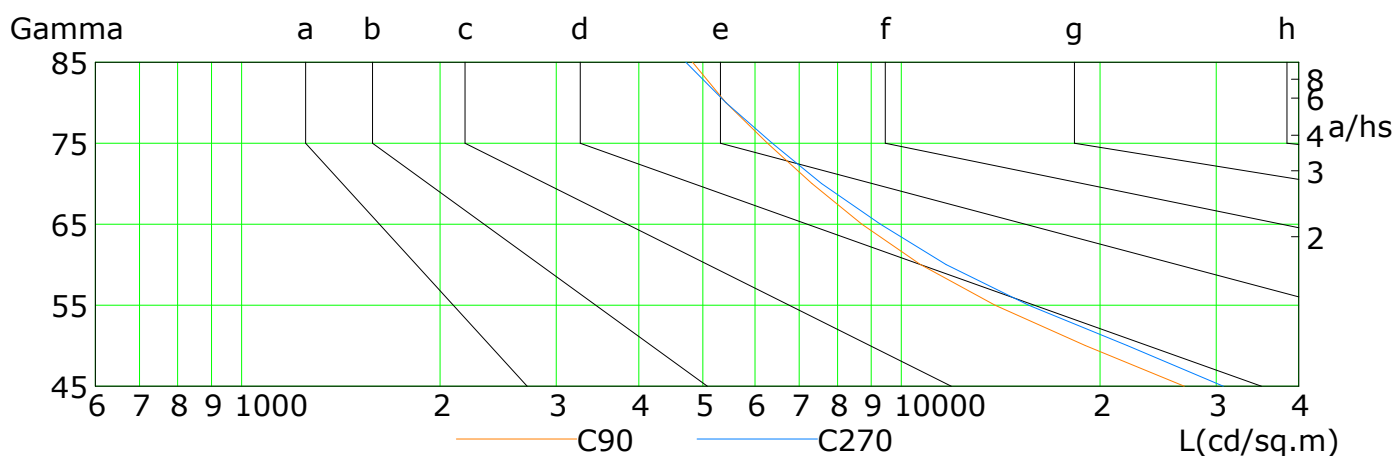
Humidity:

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

a b c d e f g h



L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	71293	52681	38572	28959	22941	19273	16895	14399	12966
C90	26820	19005	13872	10687	8711	7323	6264	5420	4827
C180	51461	36736	27224	21530	18300	16449	14612	13567	12410
C270	30748	21998	15597	11687	9301	7569	6372	5420	4712

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

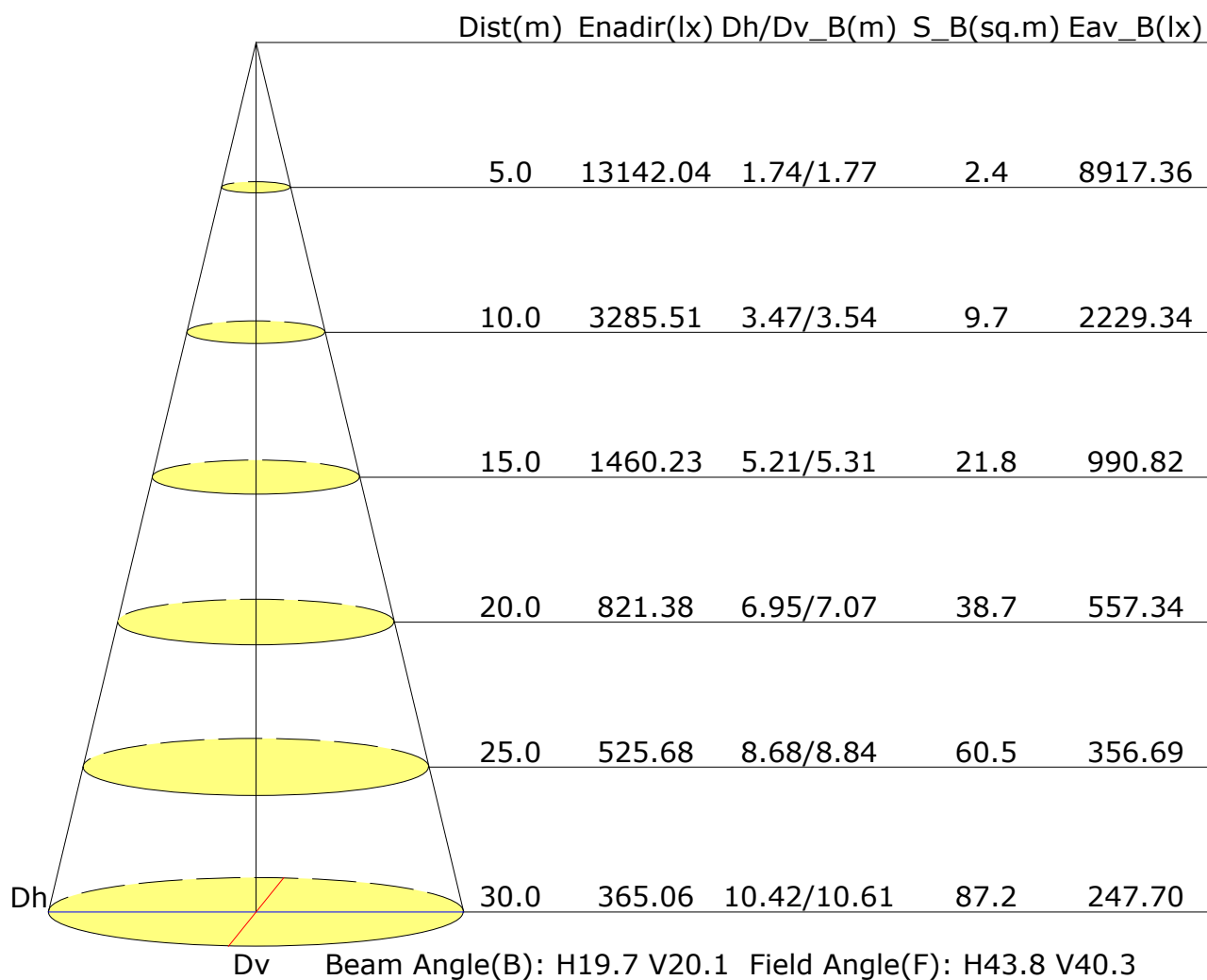
Test Device: LSG-1800B

Distance: 12.677 m

Humidity:

Inspector:

Illuminance at a Distance



C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: LSG-1800B

Distance: 12.677 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	21.4	22.2	21.7	22.5	22.8	18.7	19.5	19.1	19.8	20.1
3H	21.9	22.6	22.3	23.0	23.3	19.2	19.9	19.6	20.2	20.6
4H	22.2	22.9	22.6	23.3	23.6	19.4	20.1	19.8	20.5	20.8
6H	22.5	23.1	22.9	23.5	23.9	19.6	20.3	20.1	20.7	21.1
8H	22.6	23.3	23.1	23.7	24.1	19.8	20.4	20.2	20.8	21.2
12H	22.8	23.4	23.2	23.8	24.2	19.9	20.5	20.3	20.9	21.3
X=4H Y=2H	21.4	22.0	21.8	22.4	22.8	19.0	19.7	19.4	20.0	20.4
3H	22.0	22.6	22.5	23.0	23.5	19.6	20.2	20.1	20.6	21.0
4H	22.4	23.0	22.9	23.4	23.9	20.0	20.5	20.4	20.9	21.4
6H	22.8	23.3	23.3	23.8	24.3	20.3	20.8	20.8	21.3	21.8
8H	23.1	23.5	23.6	24.0	24.5	20.5	20.9	21.0	21.4	21.9
12H	23.3	23.7	23.8	24.2	24.7	20.7	21.1	21.2	21.6	22.1
X=8H Y=4H	22.4	22.9	23.0	23.4	23.9	20.1	20.6	20.6	21.0	21.6
6H	23.0	23.3	23.5	23.8	24.4	20.6	21.0	21.2	21.5	22.1
8H	23.2	23.6	23.8	24.1	24.7	20.9	21.2	21.5	21.7	22.3
12H	23.6	23.8	24.2	24.4	25.0	21.2	21.5	21.8	22.0	22.6
X=12H Y=4H	22.4	22.8	22.9	23.3	23.9	20.1	20.5	20.7	21.0	21.6
6H	23.0	23.3	23.5	23.8	24.4	20.7	21.0	21.2	21.5	22.1
8H	23.3	23.6	23.9	24.1	24.7	21.0	21.3	21.6	21.8	22.5
Variations with the observer position at spacings:										
S=1.0H	+0.9/-0.9					+0.9/-1.0				
S=1.5H	+2.2/-1.7					+1.9/-1.8				
S=2.0H	+3.6/-2.4					+3.1/-2.4				

Calculate in accordance with CIE Pub.117. The table is revised with 82393lm ($8\log(F/F_0) = 15.3$).

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: LSG-1800B
 Distance: 12.677 m
 Humidity:
 Inspector:

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 0.50									
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	0.81	0.88	0.92	0.95	1.00	1.03	1.05	1.08	1.10	
	0.30		0.76	0.83	0.87	0.91	0.96	0.99	1.02	1.05	1.07	
	0.20		0.72	0.79	0.84	0.87	0.93	0.96	0.99	1.03	1.05	
0.50	0.50	0.20	0.79	0.85	0.89	0.92	0.96	0.99	1.00	1.03	1.04	
	0.30		0.75	0.81	0.85	0.88	0.93	0.96	0.98	1.01	1.02	
	0.20		0.72	0.78	0.82	0.85	0.90	0.93	0.95	0.99	1.01	
0.30	0.50	0.20	0.78	0.83	0.87	0.89	0.93	0.95	0.96	0.98	1.00	
	0.30		0.74	0.79	0.83	0.86	0.90	0.92	0.94	0.97	0.98	
	0.20		0.71	0.77	0.81	0.84	0.88	0.90	0.92	0.95	0.97	
0.00	0.00	0.00	0.69	0.74	0.77	0.80	0.83	0.86	0.87	0.89	0.91	
Rating:499W 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 = 0.50									
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	0.65	0.53	0.45	0.40	0.32	0.26	0.23	0.18	0.14	
	0.30		0.54	0.46	0.40	0.35	0.29	0.24	0.21	0.17	0.14	
	0.20		0.46	0.40	0.35	0.31	0.26	0.22	0.20	0.16	0.13	
0.50	0.50	0.20	0.61	0.50	0.42	0.36	0.29	0.28	0.21	0.16	0.13	
	0.30		0.51	0.43	0.37	0.33	0.26	0.22	0.19	0.15	0.13	
	0.20		0.44	0.38	0.33	0.30	0.24	0.21	0.18	0.15	0.12	
0.30	0.50	0.20	0.57	0.46	0.39	0.34	0.27	0.22	0.19	0.15	0.12	
	0.30		0.49	0.41	0.35	0.30	0.25	0.21	0.18	0.14	0.12	
	0.20		0.43	0.36	0.32	0.28	0.23	0.19	0.17	0.13	0.11	
0.00	0.00	0.00	0.29	0.23	0.20	0.17	0.14	0.12	0.10	0.08	0.06	
Rating:499W 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 = 0.50									
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	0.19	0.21	0.22	0.23	0.24	0.25	0.26	0.26	0.27	
	0.30		0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.25	
	0.20		0.11	0.13	0.15	0.16	0.18	0.20	0.21	0.23	0.24	
0.50	0.50	0.20	0.18	0.20	0.21	0.22	0.23	0.24	0.25	0.25	0.26	
	0.30		0.14	0.16	0.18	0.19	0.20	0.21	0.22	0.24	0.24	
	0.20		0.11	0.13	0.15	0.16	0.18	0.19	0.20	0.22	0.23	
0.30	0.50	0.20	0.18	0.19	0.20	0.21	0.22	0.23	0.24	0.24	0.25	
	0.30		0.14	0.16	0.17	0.18	0.20	0.21	0.22	0.23	0.23	
	0.20		0.11	0.13	0.15	0.16	0.18	0.19	0.20	0.21	0.22	
0.00	0.00	0.00	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	
Rating:499W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												