

APPENDIX A

STEP 3: LIGHTING

Space Type	Lighting Power Density (W/m ²)
Gym & Swimming Pool	15.60
Office	11.25
Restaurant	20.40
Circulation	5.20

STEP 4: LIFTS AND ESCALATORS

Description	Multiplier	Capacity (kW)
Goods Lift	1	10.8
Gym	1	12.8
Common Lift	5	12.8

STEP 5: EVALUATING ENERGY USE FOR SMALL POWER & STEP 8: OTHER EQUIPMENT

Space Type	Small Power & Equipment Density (W/m ²)			
	Likely	Low	High	Worst
Office	12	9	15	18
Gym	16	12	20	24
Pool	2	1.5	2.5	3
Circulation	2	1.5	2.5	3
Restaurant	19	14.25	23.75	28.5

Operating Profile – Likely Small Power and Equipment

Office			Restaurant		
Time	Weekday	Weekend	Time	Weekday	Weekend
00:00	0.047	0.047	00:00	0.053	0.053
07:00	0.047	0.047	07:00	0.053	0.053
07:00	1	0.047	07:00	1	1
18:00	1	0.047	23:00	1	1
18:00	0.047	0.047	23:00	0.337	0.337
24:00:00	0.047	0.047	24:00:00	0.337	0.337

Swimming Pool			Gym		
Time	Weekday	Weekend	Time	Weekday	Weekend
00:00	0	0	00:00	0.047	0.047
07:00	0	0	07:00	0.047	0.047
07:00	1	1	07:00	1	1
21:00	1	1	21:00	1	1
21:00	0	0	21:00	0.047	0.047
24:00:00	0	0	24:00:00	0.047	0.047