Table 12 — Maximum energy demand and energy consumption for lighting for the class of occupancy or building

1	2	3	4	5
Class of occupancy or building	**Occupancy**	**Population**	**Energy demand** W/m²	**Energy consumption** kWh/m^2
A1	Entertainment and public assembly	Number of seats or 1 person/m²	10	25
A2	Theatrical and indoor sport	Number of seats or 1 person/m²	10	25
A3	Places of instruction	1 person/5 m²	10	25
A4	Worship	Number of seats or 1 person/m²	10	10
A5	Outdoor sport is viewed	Number of seats or 1 person/m²	10	15
B1	High-risk commercial	1 person/15 m²	24	60
B2	Moderate-risk commercial	1 person/15 m²	20	50
B3	Low-risk commercial	1 person/15 m²	15	37,5
C1	Exhibition halls	1 person/10 m²	15	22,5
C2	Museums	1 person/20 m²	5	12,5
D1	High-risk industrial	1 person/15 m²	20	50
D2	Moderate-risk industrial	1 person/15 m²	20	50
D3	Low-risk industrial	1 person/15 m²	15	37,5
D4	Plant rooms	N/A	5	5
E1	Places of detention	2 people/bedroom	15	37,5
E2	Hospitals	1 person/10 m²	10	87,6
E3	Other institutional residences	1 person/10 m²	10	25
E4	Health care	1 person/10 m²	10	87,6
F1	Large shops	1 person/10 m²	24	105,12
F2	Small shops	1 person/10 m²	20	87,6
F3	Wholesaler’s store	1 person/20 m²	15	65,7
G1	Offices	1 person/15 m²	17	42,5
H1	Hotels	2 people/bedroom	10	43,8
H2	Dormitories	1 person/5 m²	5	12,5
H3	Domestic residences	2 people/bedroom	5	5
H4	Dwelling houses	4 people/house	5	5
H5	Hospitality	2 people/bedroom	10	43,8
J1	High-risk storage	1 person/50 m²	17	42,5
J2	Moderate-risk storage	1 person/50 m²	15	37,5
J3	Low risk-storage	1 person/50 m²	7	17,5
J4	Parking areas covered	1 person/50 m²	5	21,9