

Table 9.5.1
LIGHTING POWER DENSITIES (USING THE BUILDING AREA METHOD)

Building Area Types*	Maximum watts/sq.ft.
Automotive facility	0.9
Convention center	1.2
Courthouse	1.2
Dining: bar lounge / leisure	1.3
Dining: cafeteria / fast food	1.4
Dining: family	1.6
Dormitory	1.0
Exercise center	1.0
Gymnasium	1.1
Hearth-care / clinic	1.0
Hospital	1.2
Hotel	1.0
Library	1.3
Manufacturing facility	1.3
Motel	1.0
Motion picture theater	1.2
Multifamily	0.7
Museum	1.1
Office	1.0
Parking garage	0.3
Penitentiary	1.0
Performing arts theater	1.6
Police / fire station	1.0
Post office	1.1
Religious building	1.3
Retail	1.5
School / university	1.2
Sports arena	1.1
Town hall	1.1
Transportation	1.0
Warehouse	0.8
Workshop	1.4

**In cases where both general building area and a specific building area type are listed, the specific building area type shall apply.*

Source: ASHRAE/IESNA Standard 90.1-2007 - "Energy Standard for Buildings Except Low-Rise Residential Buildings"