

**TABLE C405.3.2(2)**  
**INTERIOR LIGHTING POWER ALLOWANCES: SPACE-BY-SPACE METHOD**

COMMON SPACE TYPES <sup>a</sup>	LPD (watts/ft <sup>2</sup> )
Atrium	
Less than or equal to 40 feet in height	0.41
Greater than 40 feet in height	0.51
Audience seating area	
In an auditorium	0.57
In a gymnasium	0.23
In a motion picture theater	0.27
In a penitentiary	0.56
In a performing arts theater	1.09
In a religious building	0.72
In a sports arena	0.27
Otherwise	0.33
Banking activity area	0.56
Breakroom (See Lounge/breakroom)	
Classroom/lecture hall/training room	
In a penitentiary	0.74
Otherwise	0.72
Computer room, data center	0.75
Conference/meeting/multipurpose room	0.88
Copy/print room	0.56
Corridor	
In a facility for the visually impaired (and not used primarily by the staff) <sup>b</sup>	0.71
In a hospital	0.61
Otherwise	0.44
Courtroom	1.08
Dining area	
In bar/lounge or leisure dining	0.76
In cafeteria or fast food dining	0.36
In a facility for the visually impaired (and not used primarily by the staff) <sup>b</sup>	1.22
In family dining	0.52
In a penitentiary	0.35
Otherwise	0.42

Electrical/mechanical room	0.71
Emergency vehicle garage	0.51
Food preparation area	1.19
Laboratory	
In or as a classroom	1.05
Otherwise	1.21
Laundry/washing area	0.51
Loading dock, interior	0.88
Lobby	
For an elevator	0.64
In a facility for the visually impaired (and not used primarily by the staff) <sup>b</sup>	1.44
In a motion picture theater	0.20
In a performing arts theater	1.21
Otherwise	0.80
Locker room	0.43
Lounge/breakroom	
In a health care facility	0.77
Mother's wellness room	0.68
Otherwise	0.55
Office	
Enclosed	0.73
Open plan	0.56
Parking area daylight transition zone	1.06
Parking area, interior	0.11
Pharmacy area	1.59
Restroom	
In a facility for the visually impaired (and not used primarily by the staff) <sup>b</sup>	0.96
Otherwise	0.74
Sales area	0.85
Seating area, general	0.21
Security screening general areas	0.64
Security screening in transportation facilities	0.93
Security screening transportation waiting area	0.56
Stairwell	0.47
Storage room	0.35

Vehicular maintenance area	0.59
Workshop	1.17
<b>BUILDING TYPE SPECIFIC SPACE TYPES<sup>a</sup></b>	<b>LPD (watts/ft<sup>2</sup>)</b>
Automotive (see Vehicular maintenance area)	
Convention Center—exhibit space	0.50
Dormitory—living quarters	0.48
Facility for the visually impaired <sup>b</sup>	
In a chapel (and not used primarily by the staff)	0.58
In a recreation room (and not used primarily by the staff)	1.20
Fire station—sleeping quarters	0.48
Gaming establishments	
High limits game	1.68
Slots	0.54
Sportsbook	0.82
Table games	1.09
Gymnasium/fitness center	
In an exercise area	0.82
In a playing area	0.82
Health care facility	
In an exam/treatment room	1.33
In an imaging room	0.94
In a medical supply room	0.56
In a nursery	0.87
In a nurse's station	1.07
In an operating room	2.26
In a patient room	0.78
In a physical therapy room	0.82
In a recovery room	1.18
In a telemedicine room	1.44
Library	
In a reading area	0.86
In the stacks	1.18
Manufacturing facility	
In a detailed manufacturing area	0.75
In an equipment room	0.73

In an extra-high-bay area (greater than 50 feet floor-to-ceiling height)	1.36
In a high-bay area (25–50 feet floor-to-ceiling height)	1.24
In a low-bay area (less than 25 feet floor-to-ceiling height)	0.86
Museum	
In a general exhibition area	0.31
In a restoration room	1.24
Performing arts theater—dressing room	0.39
Post office—sorting area	0.71
Religious buildings	
In a fellowship hall	0.50
In a worship/pulpit/choir area	0.75
Retail facilities	
In a dressing/fitting room	0.45
Hair salon	0.65
Nail salon	0.75
In a mall concourse	0.57
Massage space	0.81
Sports arena—playing area	
For a Class I facility <sup>c</sup>	2.86
For a Class II facility <sup>d</sup>	1.98
For a Class III facility <sup>e</sup>	1.29
For a Class IV facility <sup>f</sup>	0.86
Sports arena-Pools	
For a Class I facility	2.20
For a Class II facility	1.47
For a Class III facility	0.99
For a Class IV facility	0.59
Transportation facility	
Airport hanger	1.36
At a terminal ticket counter	0.40
In a baggage/carousel area	0.28
In an airport concourse	0.49
Passenger loading area	0.71
Warehouse—storage area	
For medium to bulky, palletized items	0.33

For SI: 1 foot = 304.8 mm, 1 watt per square foot = 10.76 w/m<sup>2</sup>.

- a. In cases where both a common space type and a building area specific space type are listed, the building area specific space type shall apply.
- b. A 'Facility for the Visually Impaired' is a facility that is licensed or will be licensed by local or state authorities for senior long-term care, adult day care, senior support or people with special visual needs.
- c. Class I facilities consist of professional facilities; and semiprofessional, collegiate or club facilities with seating for 5,000 or more spectators.
- d. Class II facilities consist of collegiate and semiprofessional facilities with seating for fewer than 5,000 spectators, club facilities with seating for between 2,000 and 5,000 spectators, and amateur league and high school facilities with seating for more than 2,000 spectators.
- e. Class III facilities consist of club, amateur league and high school facilities with seating for 2,000 or fewer spectators.
- f. Class IV facilities consist of elementary school and recreational facilities; and amateur league and high school facilities without provision for spectators.

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ONLY Assessments