

Correctional Facilities Federal Tax Deduction Lighting Design Guidance

As part of the Energy Policy Act, the Federal government has provided substantial federal tax savings for upgrading to today's energy efficient Lighting and Lighting controls products effective January 1, 2006. To achieve tax deductions the watts per square foot in facilities have to be reduced by between 25% to 40% as compared to 2001 lighting standards.

Energy Tax Savers, Inc. has provided the following chart which you can use when discussing Lighting and lighting controls projects with outside architects, engineering firms and Lighting specifiers. The chart is designed to show when tax savings is applicable for typical spaces in a correctional facility.

When Qualifying an entire Correctional Facility or with new Facility Construction it is recommended to hit this target within the entire building. This would be Light Power Densities for all of the buildings square footage and all input watts of all fixtures.

Whole Correctional Facility

Description	25% Improvement as compared to 2001 Standard \$0.30/sq.ft. Deduction Watts/sq.ft.	40% Improvement as compared to 2001 Standard \$0.60/sq.ft. Deduction Watts/sq.ft.
Penitentiary	0.90	0.72

Typical Spaces in a Correctional Facility

Description	25% Improvement as compared to 2001 Standard \$0.30/sq.ft. Deduction Watts/sq.ft.	40% Improvement as compared to 2001 Standard \$0.60/sq.ft. Deduction Watts/sq.ft.
Cells/Dormitory	0.825	0.66
Audience/Seating Area	1.425	1.14
Classroom/Lecture/Training	1.050	0.84
Toilets and Washrooms	0.750	0.60
Shower Rooms	0.600	0.48
Dining	1.050	0.84
Corridors	0.525	0.42
Dayroom	1.050	0.84

Note that these are tax deduction standards and you may have specific customer or operational needs that override the benefits of these tax deductions.

However, in most cases, adhering to the 2004 ASHRAE building code standards that are applicable in approximately 50% of the United States will trigger these tax deductions.

Please direct any questions you have on the new tax law standards to Energy Tax Savers at www.Energytaxsavers.com, charles.goulding@energytaxsavers.com, or 516 364 2630