

To be inserted between pages 46 & 47.

Comm 63.0505 Lighting systems. (1) DAYLIT AREAS. These are department rules in addition to the requirements in IECC section 505: Luminaires providing general lighting that are in or are partially in daylit areas described in pars. (a) or (b) shall be controlled according to the applicable requirements in sub. (2).

(a) *Determining daylit areas.* 1. Except as determined under par. (b), the horizontal daylit area under skylights shall be the rough opening of the skylight plus, in each of the lateral and longitudinal dimensions of the skylight, the lesser of 70% of the floor-to-ceiling height, the distance to the nearest 60-inch or high permanent partition, or one half the horizontal distance to the edge of the closest skylight or vertical glazing.

2. Except as determined under par. (b), the daylit area illuminated by vertical glazing shall be the daylit depth multiplied by the daylit width, where the daylit depth is 15 feet, or the distance on the floor, perpendicular to the glazing, to the nearest 60-inch or higher permanent partition, whichever is less; and the daylit width is the width of the window plus, on each side, either 2 feet, the distance to a permanent partition, or one half the distance to the closest skylight or vertical glazing, whichever, is least.

(b) *Alternative.* The daylit area shall be as calculated using a method acceptable to the department.

(2) CONTROLS. These are department rules in addition to the requirements in IECC section 505:

(a) *General.* Except as provided in par. (b), daylit areas in any interior enclosed space greater than 250 square feet and a lighting density more than 0.8 W/ft^2 shall have at least one control that meets all of the following requirements:

1. Controls only luminaires in the daylit areas.
2. Controls at least 50% of the lamps or luminaires in the daylit area, in a manner described in IECC section 505.2.2.1.
3. Controls luminaires in vertically daylit areas separately from horizontally daylit area.

(b) *Exceptions.* The requirements of this subsection do not apply to any of the following:

1. Daylit areas where the effective aperture of glazing is equal or less than 0.1 for vertical glazing and 0.01 for horizontal glazing.
2. Daylit areas where existing adjacent structures or natural objects obstruct daylight to the extent that effective use of daylighting is not feasible.