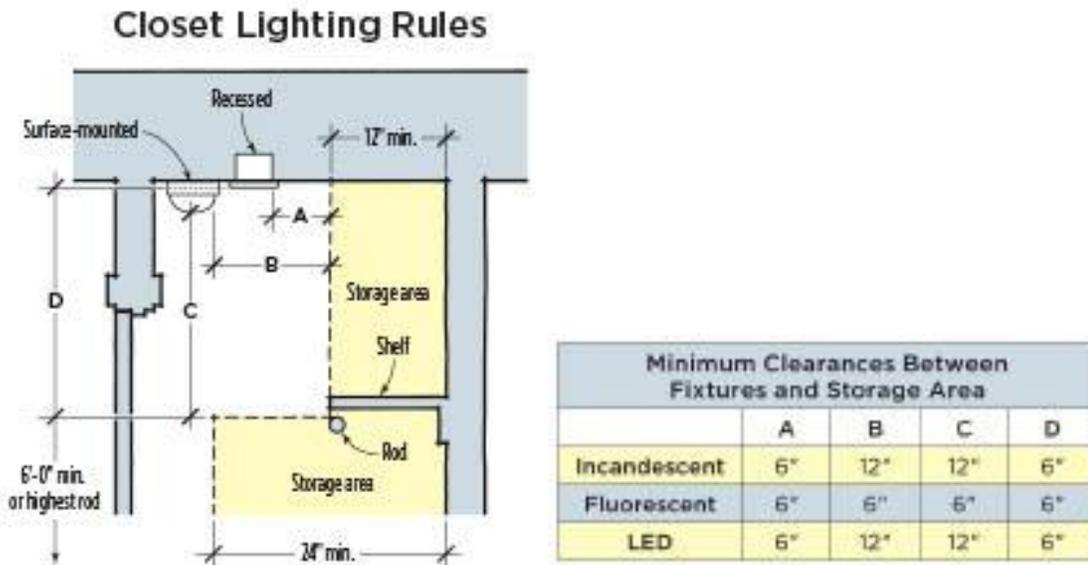


Luminaires in Clothes Closets



The 2008 edition of the NEC permits an LED lighting fixture to be located on a closet ceiling or on the wall above the door, subject to the minimum clearances indicated in the drawing. Horizontal and vertical dimensions are taken from the fixture's lamp or lamp cover to any part of the storage area **as defined in the NEC**.

Note: A CFL bulb installed in a light fixture is NOT a fluorescent luminaire. Incandescent clearances apply!

Incandescent luminaires with open or partially open lamps and pendant-type luminaires must not be installed in a clothes closet [410.16(B)].

Only the following types of luminaires are permitted to be installed in a clothes closet [410.16(A)]:

- Surface or recessed incandescent or LED luminaires with an enclosed light source.
- Surface or recessed fluorescent luminaires.
- Surface-mounted or recessed LED luminaires identified for use within the closet storage space.

Even then, there are minimum spacing requirements away from storage spaces, depending on the type of luminaire. Luminaires must maintain a minimum clearance from the closet storage space as follows [410.16(C)]:

- 12 in. for surface-mounted incandescent or LED luminaires with an enclosed light source.
- 6 in. for surface-mounted fluorescent luminaires.
- 6 in. for recessed incandescent or LED luminaires with an enclosed light source.
- 6 in. for recessed fluorescent luminaires.

Surface-mounted fluorescent or LED luminaires are permitted within the closet storage space if identified for this use.