Title 24 2013 Compliance Software:

CBECC-Com

"California Building Energy Code Compliance for Commercial Buildings"

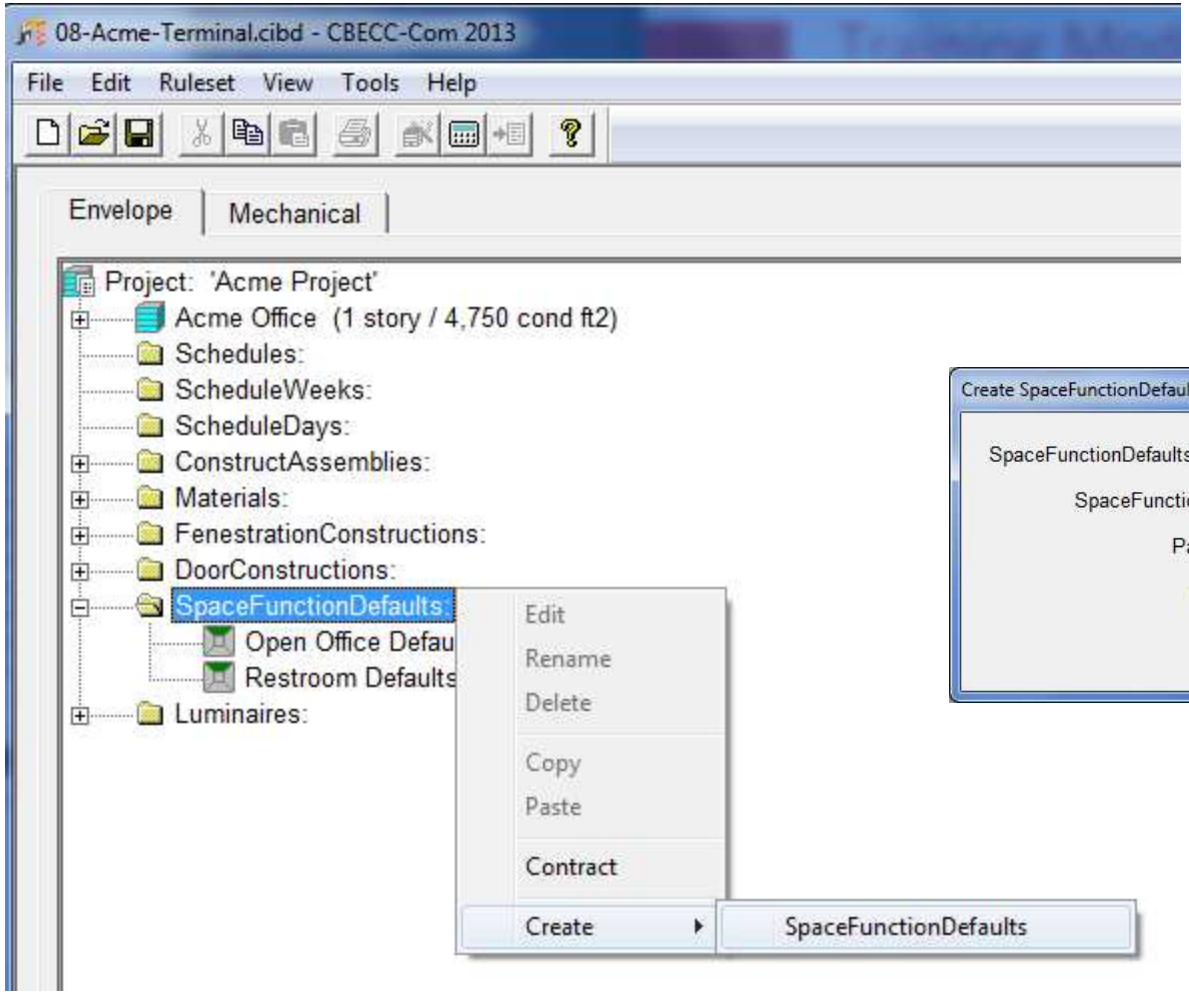
Defining Lighting and Internal Loads

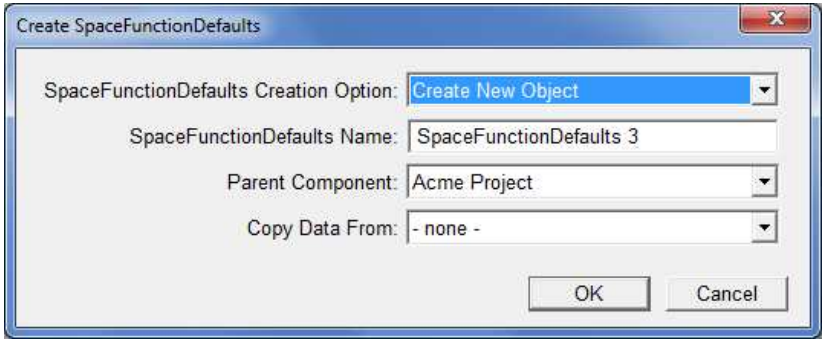
- Objective: **Create and Assign Internal Loads**

1. Create Space Function Defaults
2. Assign to Spaces
3. Assign Space Functions to spaces.
4. Develop Luminaires Descriptions
5. Assign Lighting Systems

Training Module 6: Create Space Function Defaults

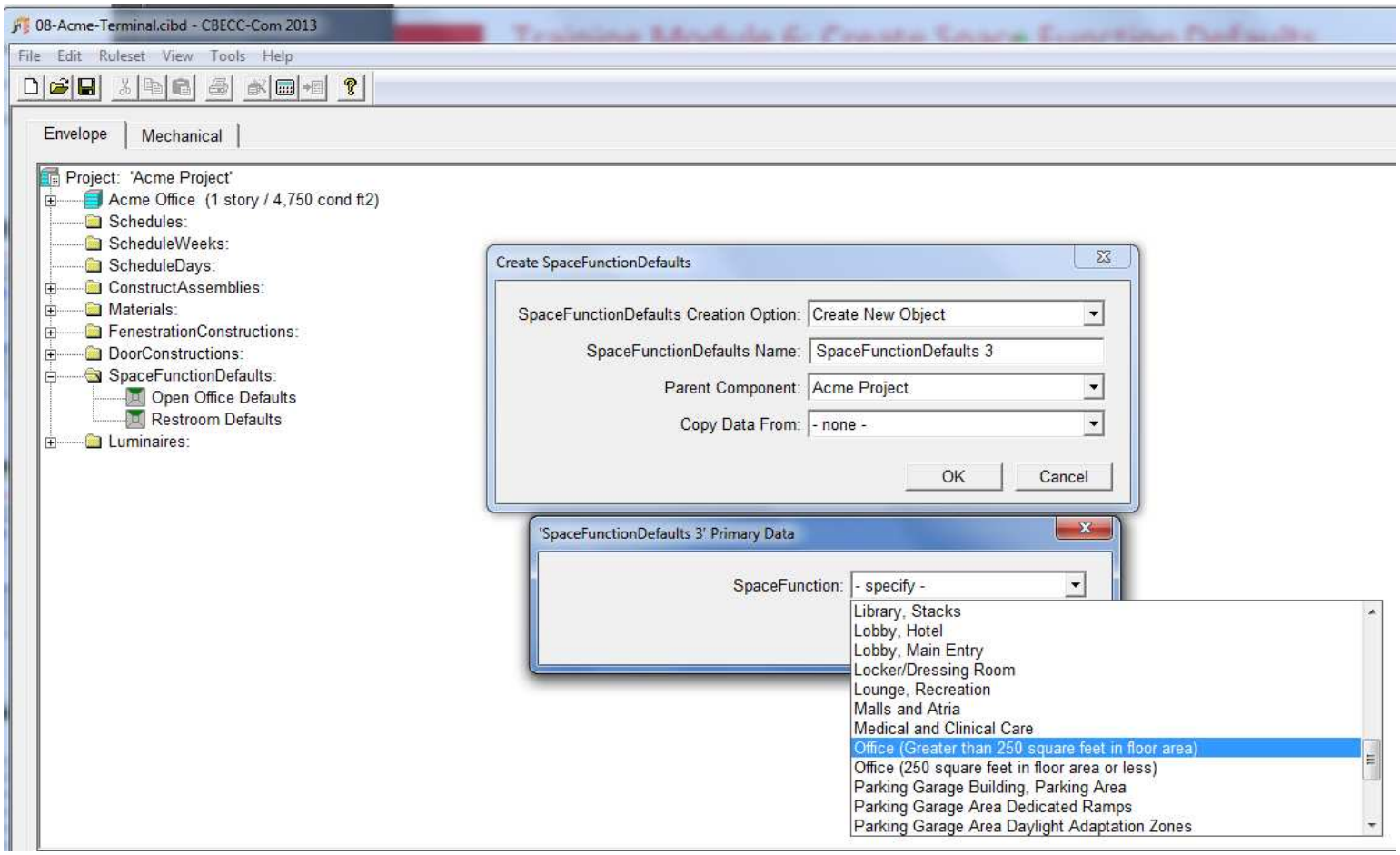
- **Right-click on SpaceFunctionDefaults then select Create > SpaceFunctionDefaults**
- **A new dialog box opens – fill in the SpaceFunctionDefaultsName and then click OK**





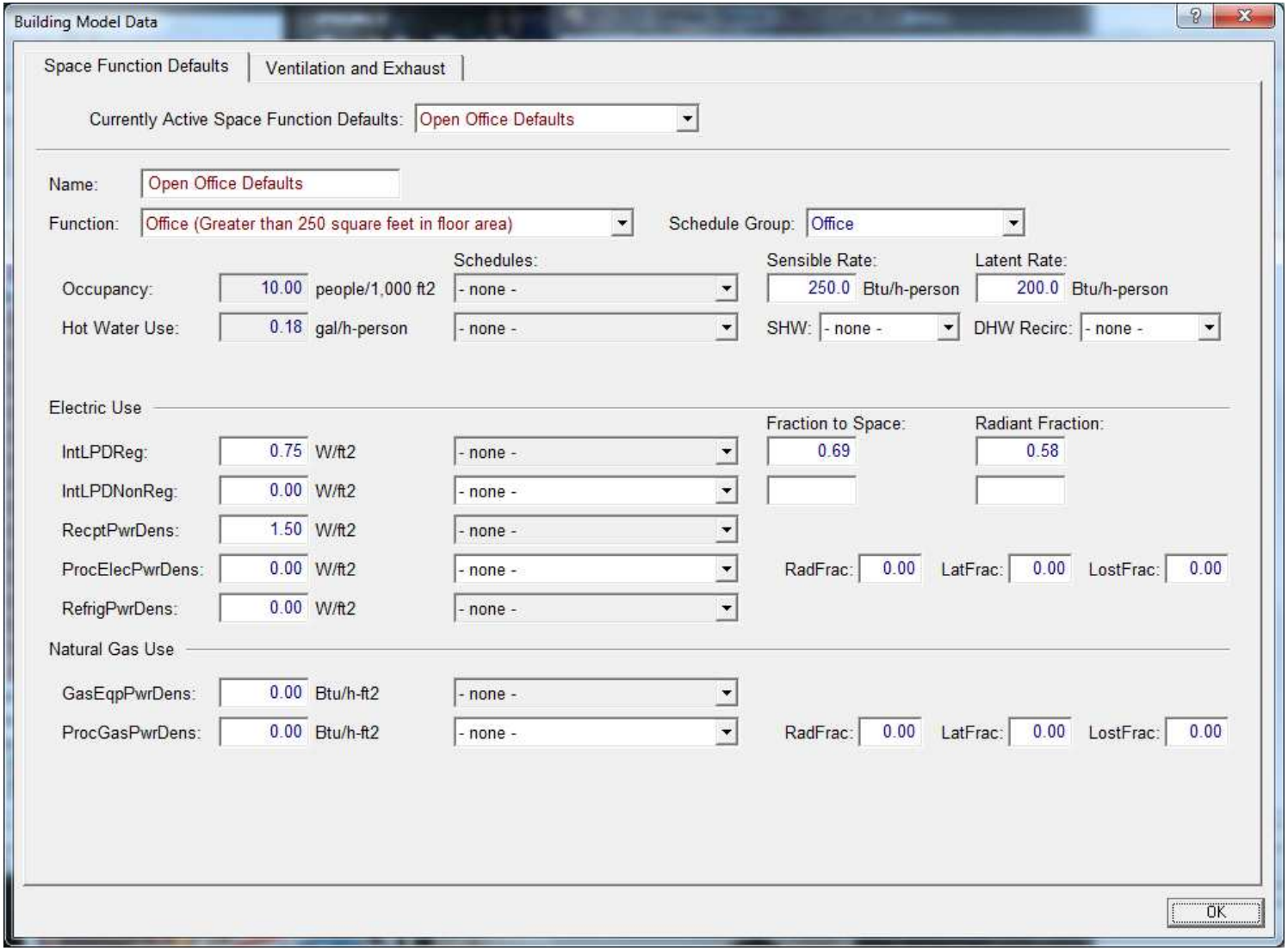
Training Module 6: Create Space Function Defaults

- **After specifying the SpaceFunctionDefaults Name a new dialog box opens as shown below**
- **Next select the SpaceFunction from the drop-down menu that best represents the space function for which the defaults are being created**



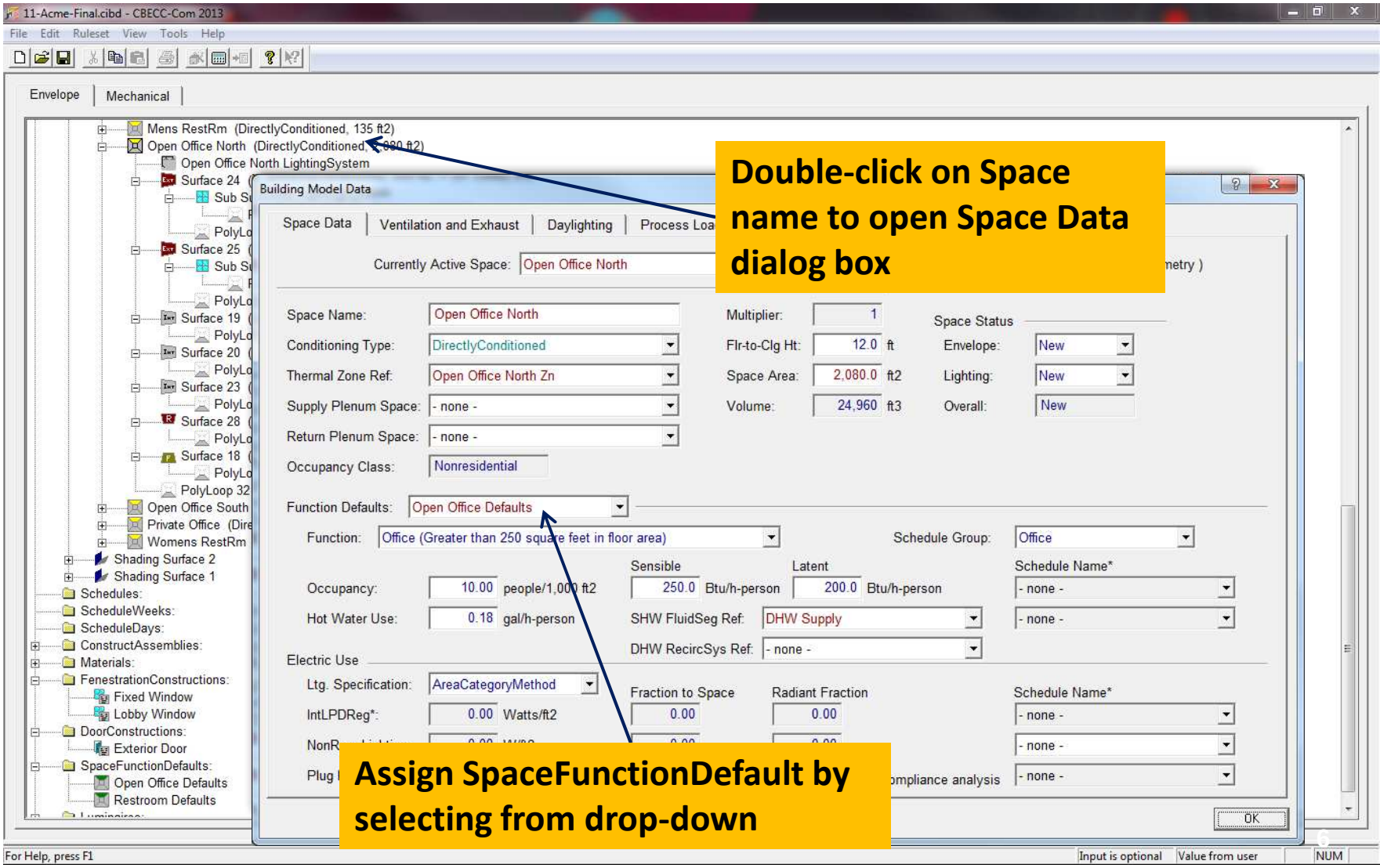
Training Module 6: Create Space Function Defaults

- **Typical view of the SpaceFunctionDefaults Screen**



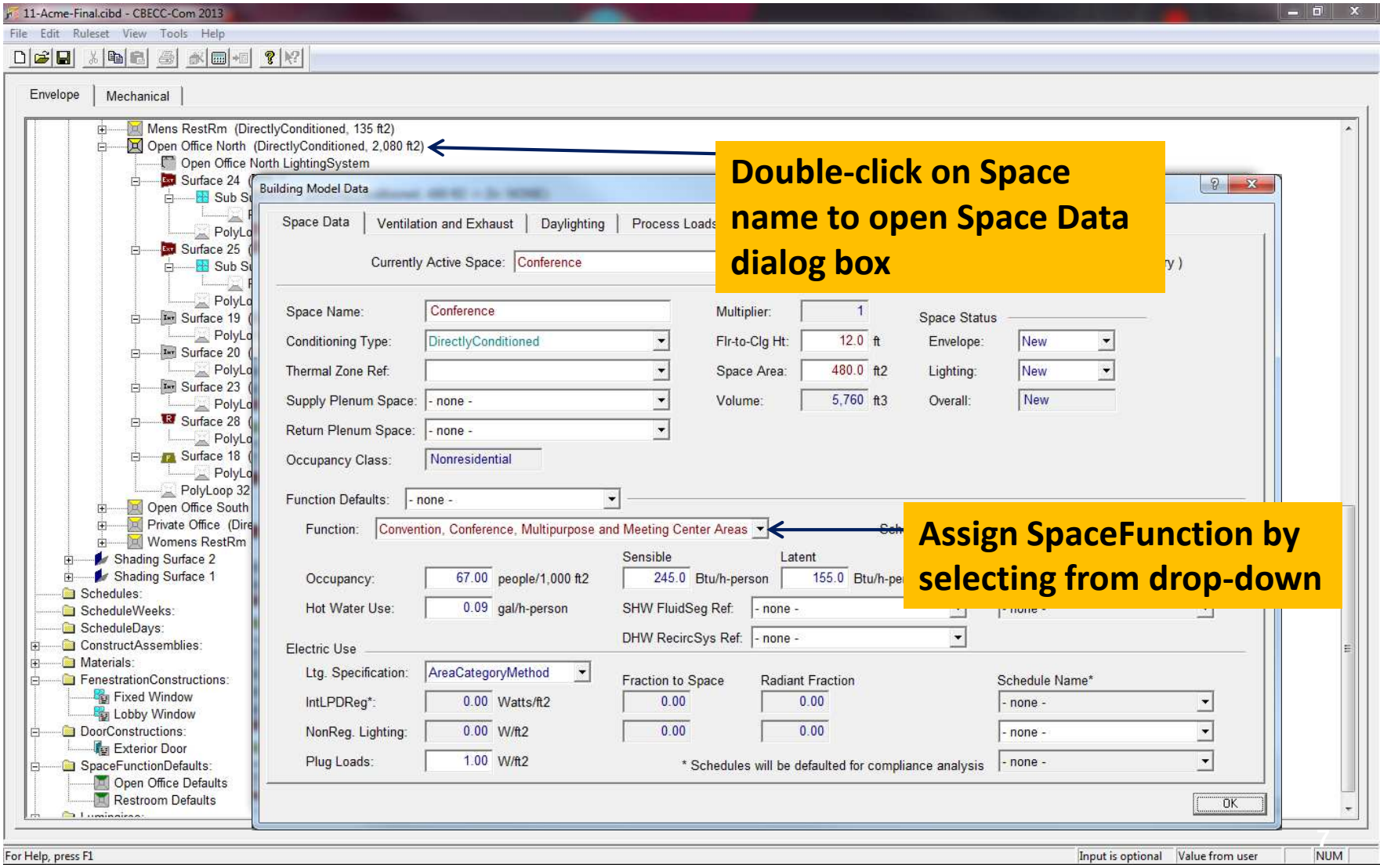
Training Module 6: Assign to Spaces

- **Assign SpaceFunctionDefault to Spaces as shown below**



Training Module 6: Assign to Spaces

- **Assign SpaceFunction to Spaces as shown below**

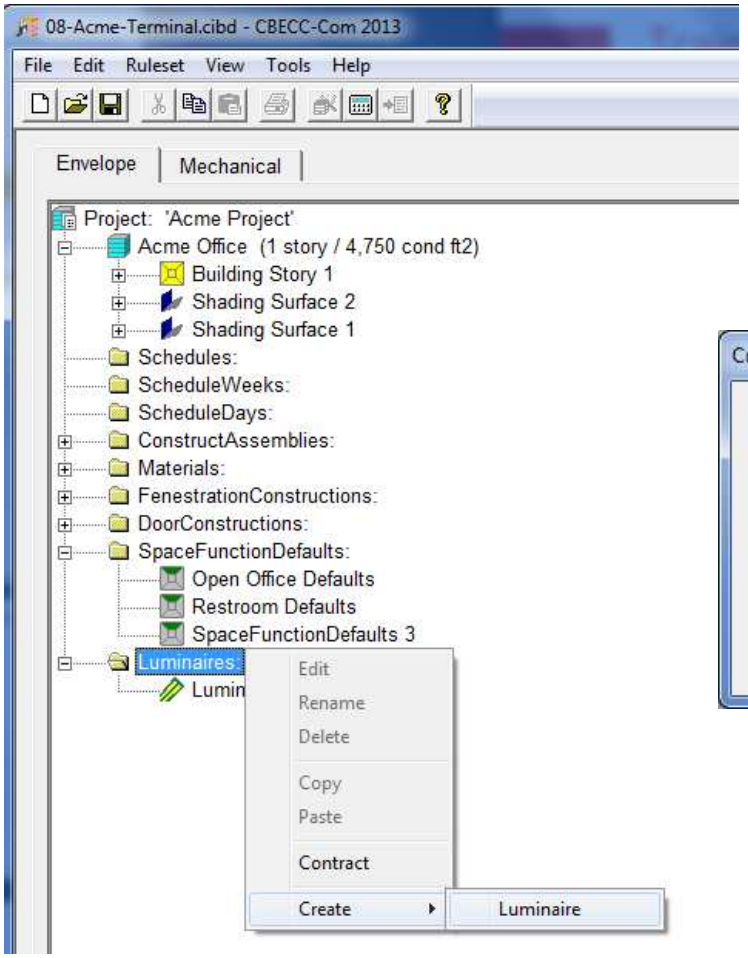


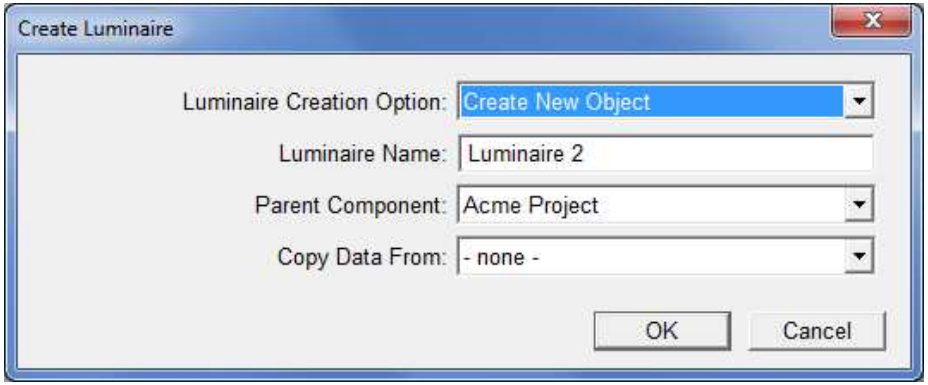
Training Module 6: Assign Space Function type to Spaces

Space Name	Space Function Type
Conference West	Convention, Conference, Multipurpose and Meeting Center Areas
Lobby	Lobby, Main Entry
Men RR	Corridors, Restrooms, Stairs, and Support Areas
Open Office North	Office (Greater than 250 square feet in floor area)
Open Office South	Office (Greater than 250 square feet in floor area)
Private Office North	Office (Greater than 250 square feet in floor area)
Women RR	Corridors, Restrooms, Stairs, and Support Areas

Training Module 6: Develop Luminaire Descriptions

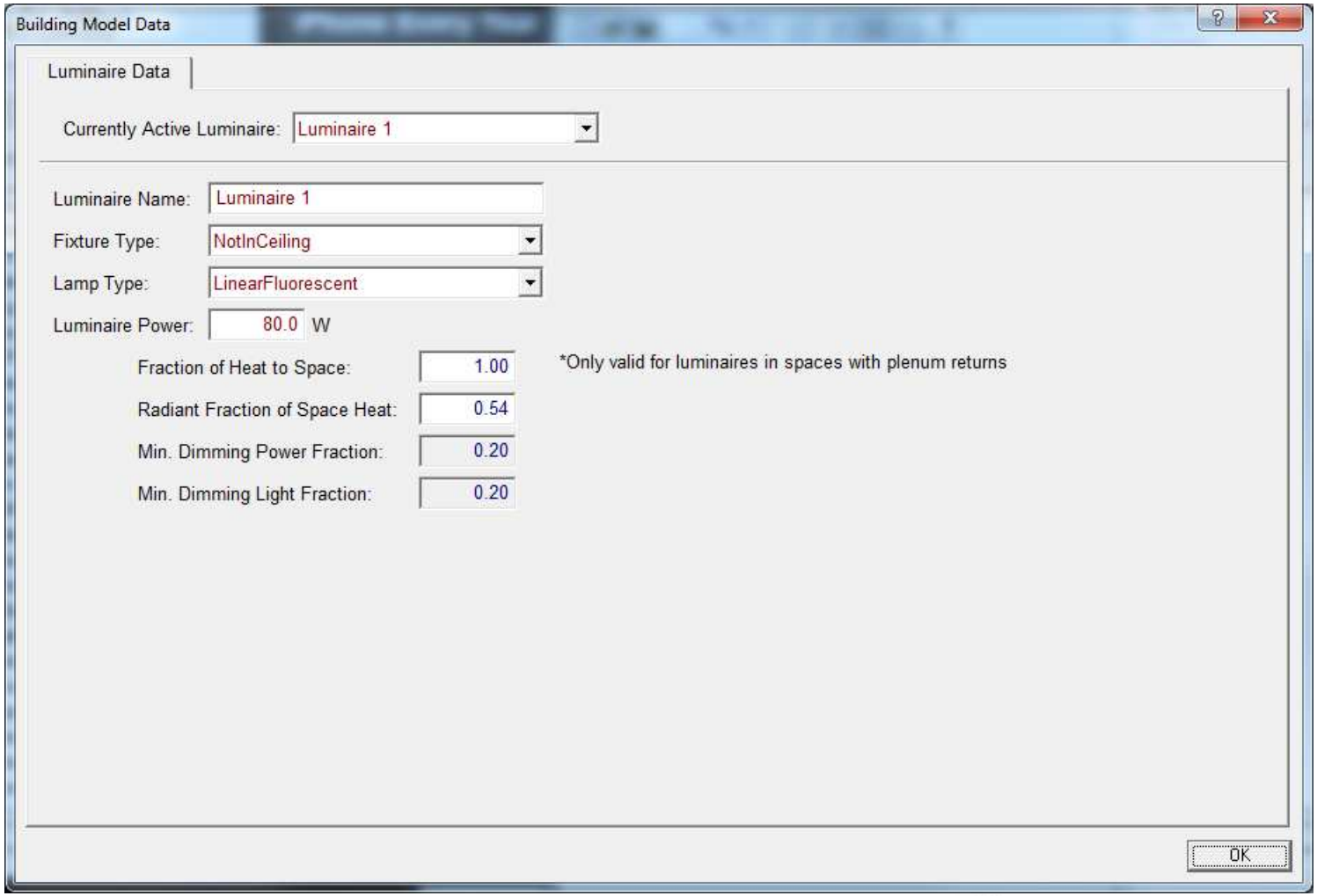
- **Right-click on Luminaires then select Create > Luminaire**
- **A new dialog box opens – fill in the Luminaire Name and then click OK**





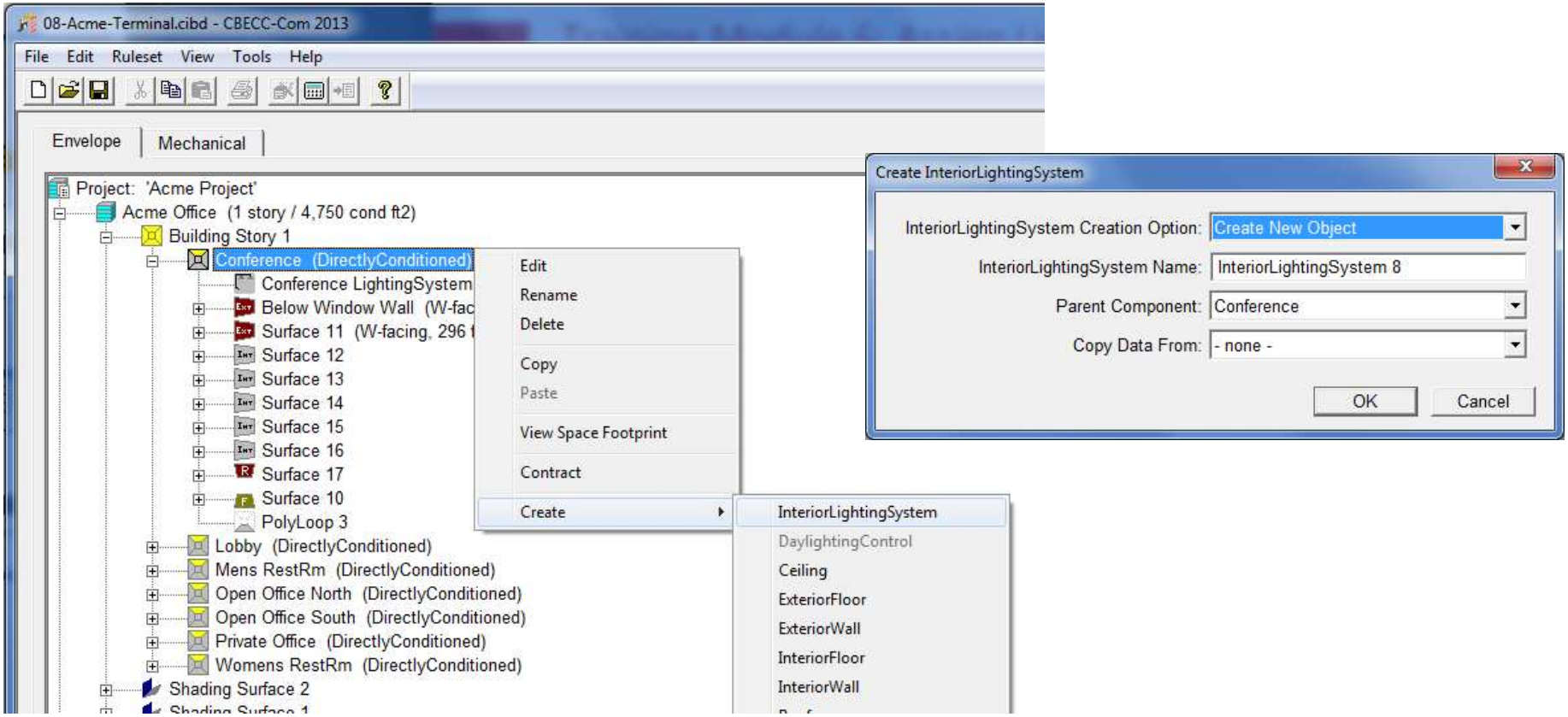
Training Module 6: Develop Luminaire Descriptions

- **Typical view of the Luminaire Data Screen**



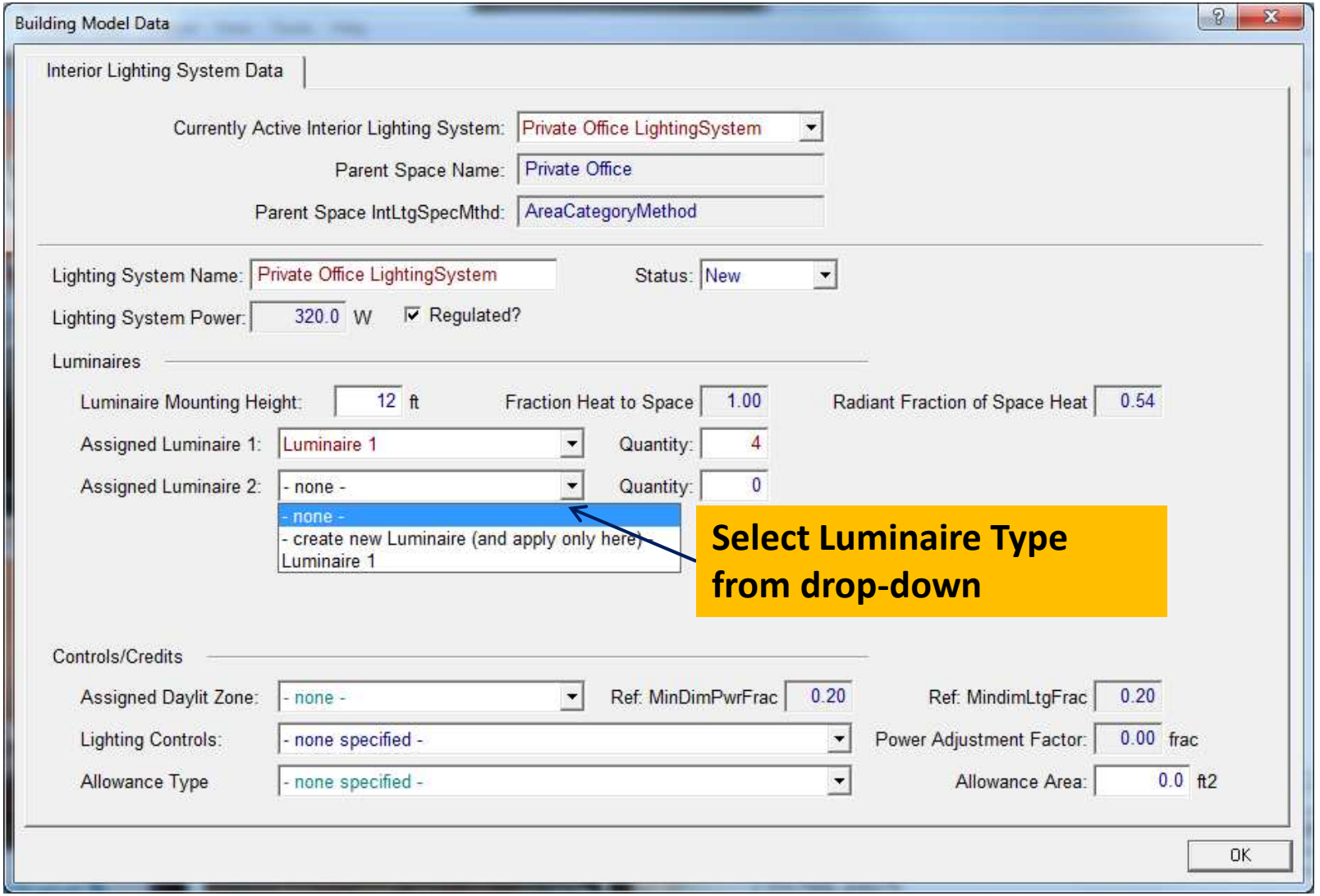
Training Module 6: Assign Lighting Systems

- **Right-click on Space Name (Conference) then select Create > InteriorLightingSystem**
- **A new dialog box opens – fill in the InteriorLighitngSystem Name and then click OK**



Training Module 6: Assign Lighting Systems

- **Typical view of the Interior Lighting System Data Screen**



Training Module 6: Lighting Fixture Schedule

Space	Fixture Type	Fixture Power (watts)	Fixture Count	Mounting Height
Conference	Suspended Fluorescent	80 W	4	12
Lobby	Suspended Fluorescent	80 W	4	12
Restroom	Suspended Fluorescent	80 W	1	12
Open Office North	Suspended Fluorescent	80 W	16	12
Open Office South	Suspended Fluorescent	80 W	10	12
Private Office	Suspended Fluorescent	80 W	4	12
Restroom 2	Suspended Fluorescent	80 W	1	12