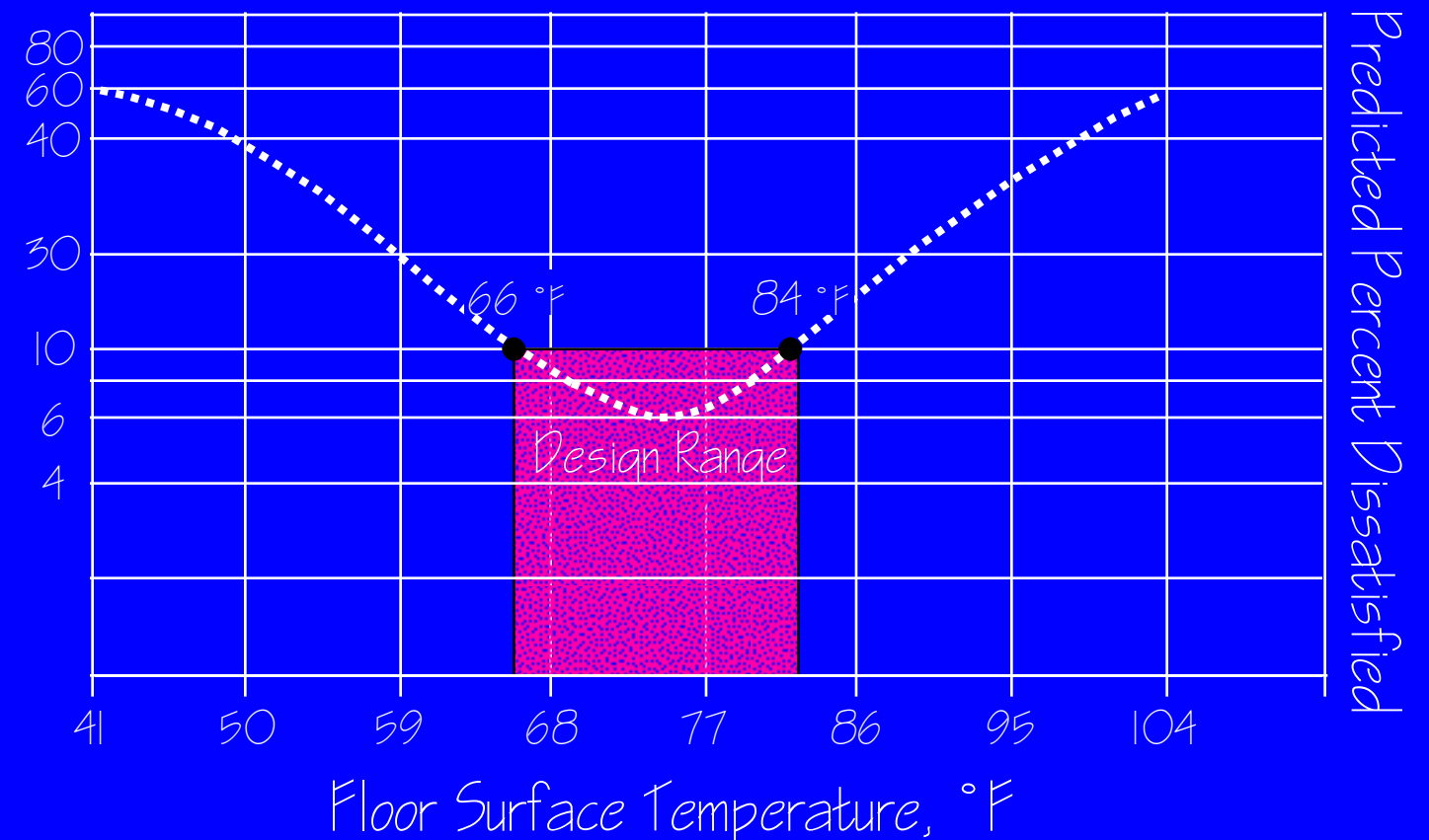


Floor Temperatures



“Occupants may feel uncomfortable due to contact with floor surfaces that are too warm or too cool. The temperature of the floor, rather than the material of the floor covering, is the most important factor for foot thermal comfort...”

“Olesen found an optimal temperature of 77°F for sedentary and 73.5°F for standing or walking persons. At the optimal temperature, 6% of the occupants felt warm or cold discomfort in the feet. The graph shows the relationship between floor temperature and percentage of dissatisfied, combining data from experiments with seated and standing subjects.”



“...radiant heated floors, or floor heating systems can be used to eliminate the desire for higher ambient temperatures caused by cold feet.”