### Cleanroom Ratings
- ISO standard ratings (1-9) are used to identify products suitable for those cleanroom rated conditions.
- FED-STD-209E has been replaced by ISO 14644-1, but is still referenced in some specifications.
- For both systems, lower numbers correspond to stricter cleanroom ratings.

### Hose Down Ratings
- IP 65 is low pressure hose down.
- IP 66 is high pressure hose down.
- First digit signifies dust ingress protection rating (1-6) and second digit represents liquid ingress protection (1-6 for hosedown). In both cases, the higher the number, the better the seal on the fixture.

### NSF Ratings
- NSF (National Sanitation Foundation) provides certified product for use in commercial food processing applications.
- NSF rating can serve as a good indicator of the ability to easily clean/wipe down products.

### Narrow Spectrum Illumination
- Red light is used in vivarium (enclosed structure for animal observation or research) applications.
- Green light is used in operating rooms.
- Amber and Yellow are used in various industrial processes.

### Cleanroom Space Selection Guide

<table>
<thead>
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### Mounting Options
- CFA: Surface, FLD4B: Recessed, FLD6B: Recessed, GRW: Recessed, ENW/ENC: Recessed, CLM: Recessed / Surface, CLP: Recessed / Surface

### ISO Rating
- CFA: 3, FLD4B: 1, FLD6B: 1, GRW: 5, ENW/ENC: 5, CLM: 5, CLP: 5

### FED-STD-209E
- CFA: 100, FLD4B: 100, FLD6B: 100, GRW: 100, ENW/ENC: 100, CLM: 24,000, CLP: 24,000

### Max Lumens
- CFA: 4,100, FLD4B: 5,300, FLD6B: 6,600, GRW: 18,000, ENW/ENC: 7,000, CLM: 24,000, CLP: 24,000

### Sizes
- CFA: 2', 3', 4', 8', FLD4B: 4" Round, FLD6B: 6" Round, GRW: 1x4, 2x2, 2x4, ENW/ENC: 1x2, 1x4, 2x2, 2x4, CLM: 1x2, 1x4, 2x2, 2x4, CLP: 1x2, 1x4, 2x2, 2x4

### UL Rating
- CFA: Wet Location, FLD4B: Wet Location, FLD6B: Wet Location, GRW: Wet Location, ENW/ENC: Wet Location, CLM: Wet Location, CLP: Wet Location

### IP Rating

### NSF

### Red
- CFA: Optional, FLD4B: Optional, FLD6B: Optional, GRW: Optional, ENW/ENC: Optional, CLM: Optional, CLP: Optional

### Green

### Amber

### Yellow