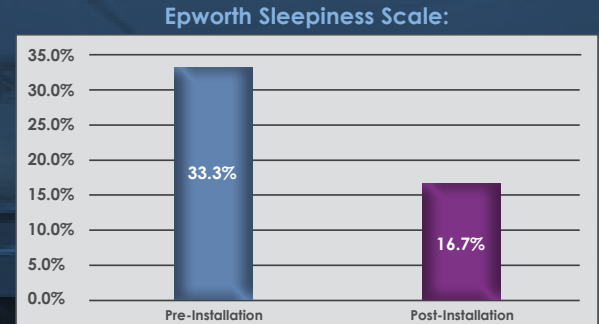


**CASE STUDY:** One year case study of energy company control room operators **before and after** CIRCADIAN® ZircLight™ Installation

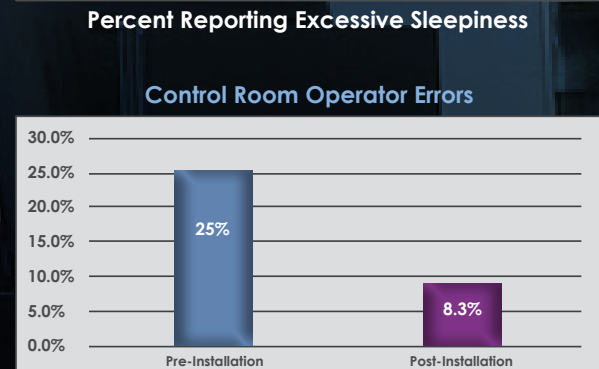
## 1. Reduced Fatigue at Work

- 50% reduction in number of employees with excessive sleepiness.
- 33% reduction in nodding off/fighting sleep while working.



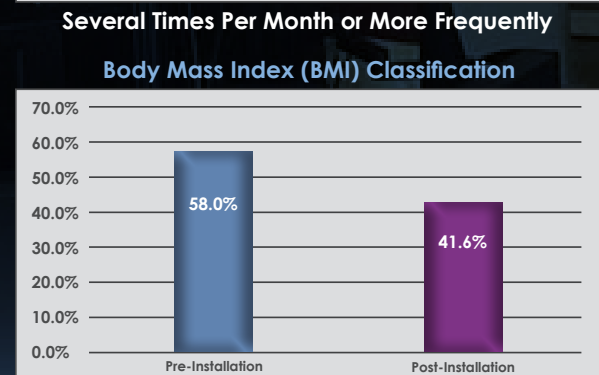
## 2. Reduction in Errors and Mistakes

- 67% reduction in number of employees making frequent errors in mission critical control room.



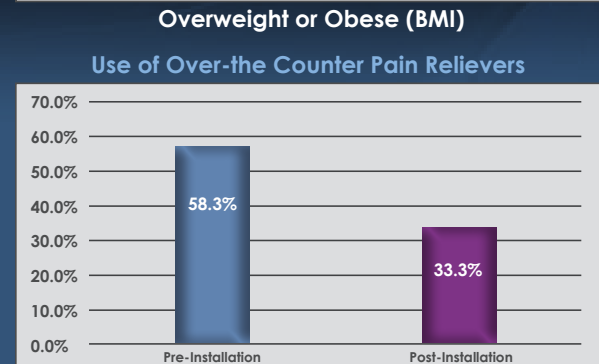
## 3. Reduction in Obese & Overweight Employees

- 28% reduction in obese and overweight employees.
- 45% reduction in number of snacks eaten on the night shift.



## 4. Less use of Over the Counter Pain Relievers

- 43% reduction in employees with frequent use of over the counter pain medication.



The same employees were assessed **before and after** CIRCADIAN® Zirc™ Lights.

