Architectural/Engineering Specification:

Zurn Smart Occupancy Lights provide users a safe and efficient restroom experience by making it easy to distinguish available and occupied stalls. Easy to mount over a stall entrance, these self-contained indicators do not require any external sensors or modification of stall hardware and require only a low voltage power connection.

Zurn Smart Occupancy Lights transmit occupancy data wirelessly to Zurn plumbSMART™ web portal and mobile app or other partner applications like Trax Analytics™ where it can be used to predict maintenance and cleaning needs and allow live display of available stalls outside of the restroom.

Product Features:

- Visually indicates occupancy status by turning red when occupied and green when available.
- Wirelessly communicates occupancy information to the cloud.
- Self-contained. Detects stall occupancy without any external sensors or hardware.
- Lights are powered by low-voltage DC and can be daisy-chained, simplifying installation.

Technical Specification:
Zurn Smart Occupancy Light
- Power input: 12VDC, 300 mA max
- Operating Temperature: 32°F - 104°F
- Mounting: 8'6" max over center of entrance (Extension Pole available for higher ceiling heights)
- Communicates over a wireless mesh to Zurn TS Gateway directly, or to another Zurn Smart Occupancy Light within range of a Zurn TS Gateway

Zurn Smart Occupancy Light Power Supply
- Connects up to 40 Zurn Smart Occupancy Lights
- Class II Isolation
- Output: 12 VDC, 6.7 A max (screw terminal block)
- Short-circuit, over-voltage and over-current protection
- Operating Temperature: -22°F - 122°F
- Meets IEC/EN/UL62368-1
- Note: Mount inside metallic junction box and connect lights using plenum-rated 2-conductor cable sized according to NEC guidelines for total current

Compliance and Certification:
- For commercial and institutional use only
- Meets UL 48
- This device complies with Part 15 of the FCC Rules and ISED Canada RSS Standards

Accessories (Sold Separately):

Required:
Z-PWRSUP-W1
Zurn Smart Occupancy Light Power Supply
Optional*:
Z-LIGHT-MOUNT-1.5FT
Z-LIGHT-MOUNT-2.5FT
Zurn Smart Occupancy Light Mount - Extension Pole
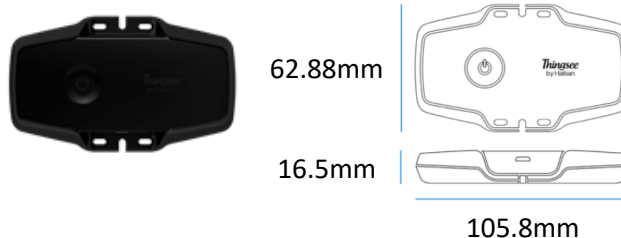*Required for ceiling heights above 8'6"

Gateway Options:
(Required & Sold Separately)
-LTE   ZGW-WRP-W1-LTE
-Ethernet   ZGW-WRP-W1-ETH

Gateway:
- Available for LTE (global) or Ethernet communication
- LTE model includes SIM card and managed SIM subscription
- Connects 50 - 100 Zurn Smart Occupancy Lights
- Range (indoor): Up to 60 ft
- LTE: USB Micro powered (power supply included)
- Ethernet: USB-C powered (power supply included)
- Operating Temperature: 32F - 104F

62.88mm

16.5mm

105.8mm

Architectural/Engineering Approval

The information contained in this document is subject to change without notice.
Please contact Zurn for most up to date information.

Recommended Installation:

- Power Supply connects up to 40 Zurn Smart Occupancy Lights wired in daisy chain.+ Observe all electrical codes.
- Plenum rated cable should be used and sized according to local electrical code.
- Gateway connects maximum 50 - 100 Zurn Smart Occupancy Lights depending on setup and building characteristics.
- One gateway is recommended for each restroom, but one gateway may support adjacent restrooms. depending on spacing and building characteristics.
- Maximum recommended spacing between Zurn Smart Occupancy Light and Gateway is 60 feet.
- Maximum recommended spacing between two Zurn Smart Occupancy Lights is 60 feet.

  + Zurn Smart Occupancy Lights are only certified for use with required Z-PWRSUP-W1 power supply or equivalent.

Rough-in dimensions/Overview dimensions

$4\frac{1}{16}$ [104]

$\varnothing 4\frac{7}{8}$ [$\varnothing$123]

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