shat·r·shield

Project

Date | Type

# IRONCLAD® H2O PRO™

The Ironclad® H2O Pro Shower Fixture is specifically designed for installation in correctional facility shower areas. This fixture is IP66 rated for water resistance against high pressure water jets. Also built to be highly impact-resistant with its 1/4" thick polycarbonate lens and virtually impenetrable 304 stainless steel outer ring and tamper-proof bolts. Facilities will benefit from its safety and rugged nature even in high security area shower units.

Manufactured in America with globally and domestically sourced components

## Ordering Chart Information

**Example:** 10-H2O-27-CL-FR-VH-SS-PC-00-JB-00-01

**H2O-FR-VH-00**

| Wattage | | Fixture | CCT | | Mount | | Lens Coating | Voltage | Ring Material | | Lens Type | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | H2O | | | | | FR | VH | | | | |
| 10 | 10W | H2O Wet Location | 27 | 2700K | CL | Ceiling | FR Frosted | VH 120-277V | SS | 304 Stainless Steel | PC | Polycarbonate |
| 24 | 24W | | 35 | 3500K | FT | Flat Top | | | P1 | Powder Coat, SS, Black | UR | Urethane |
| 35 | 35W | | 40 | 4000K | FW | Flat Wall | | | P2 | Powder Coat, SS, White | | |
| | | | 50 | 5000K | WL | Wall | | | P3 | Powder Coat, SS, Brown | | |

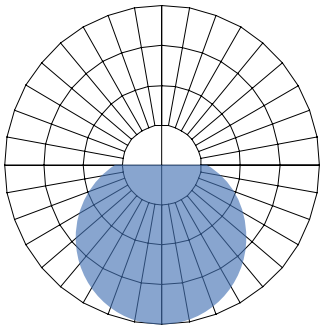
| Accessory 1 | | Accessory 2 | | Accessory 3 | Rev |
|---|---|---|---|---|---|
| | | | | 00 | |
| 00 | None | 00 | None | 00 None | 01 03 |
| CF | Cinder Block Fasteners | CB | 14ga Corner Box Kit | | |
| MS | Metal Ceiling Screws | DL | Ligature Resistant Downlight Surface Box | | |
| SA | Spike Anchors | DS | Downlight Surface Box with Switch | | |
| TB | Tamperproof Bolts/Inserts | JB | 14ga Surface Box Kit | | |
| | | PD | Yakima (Attached Plate) | | |
| | | SW | Sample Whip | | |
| | | S2 | Sample Whip + Sample Hardware | | |
| | | WB | Weather Resistant Box | | |
| | | 1W | 1 Foot Whip | | |
| | | 2W | 2 Foot Whip | | |

**For accessories not shown or custom plates, please contact customer service at (800) 223-0853.**

## Specifications

**Lumens:** 800, 1800, 2600 lm
**Watts:** 10W, 24W, 35W
**Voltage:** 120-277 VAC
**LED Life:** L70>75,000 Hours; Projected>100,000 Hours
**Lens:** Highly impact-resistant 0.238" thick polycarbonate or polyurethane with an IK10 impact rating
**Installation:** Anchored flush onto ceiling with (6) recessed tamper-proof bolts or (6) spike anchors
**Wiring:** Hard wired direct to AC current; eliminating failure points via driver
**One piece Mounting Ring:** 0.5" thick 304 Stainless Steel
**Mounting:** Aluminum heat sink to maintain thermal management
**Dimensions:** 9.25" diameter x 2.0" tall
**Color Temperatures**: 5000K, 4000K, 3500K or 2700K
**Features:** No accessible parts or hinges, No rusting or peeling paint, Extreme Durability - hammer & knife tested, No areas to hide or conceal contraband
**Warranty:** 5-year limited warranty. Complete warranty terms located here.

## Photometric Data

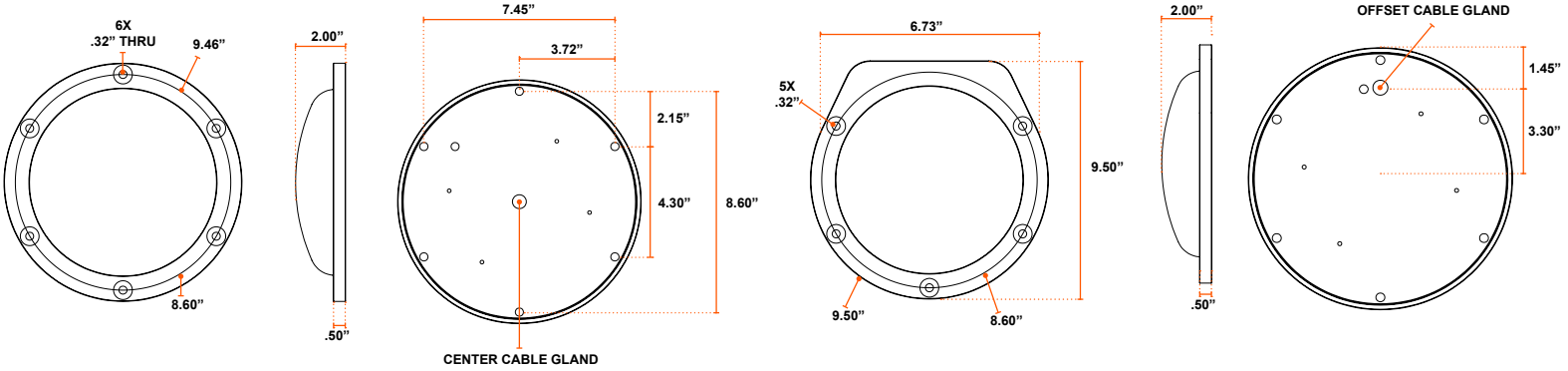


**Indoor Report**

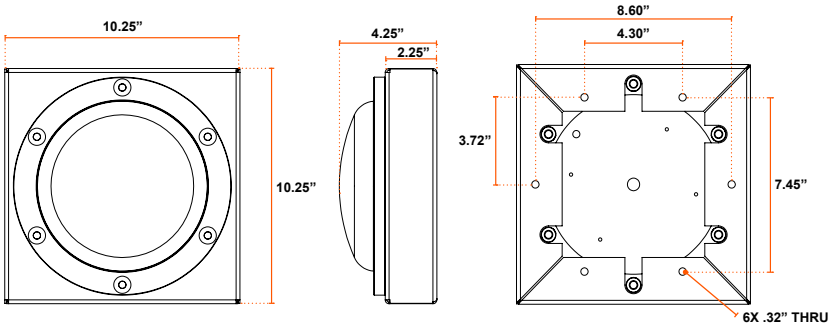
- Maximum Candela = 746.1
- Luminaire Lumens = 2715

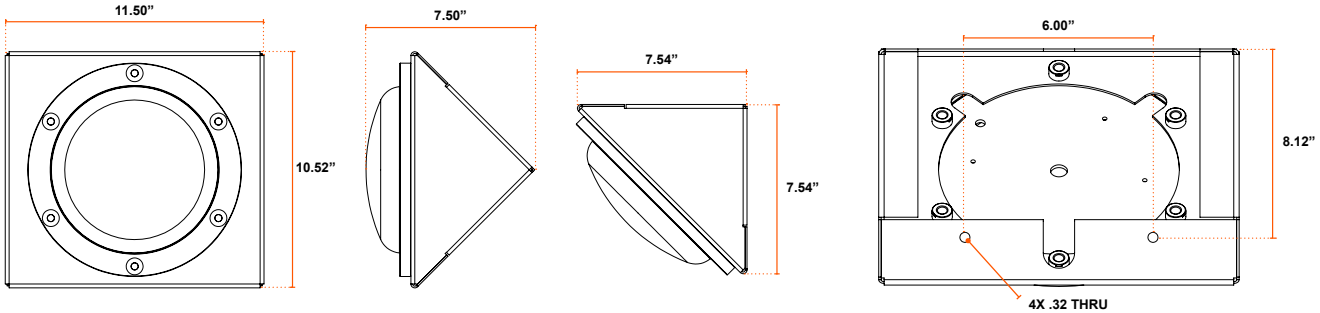
## Dimensional Data

### H2O - Standard & Flat Top Ring (FT)



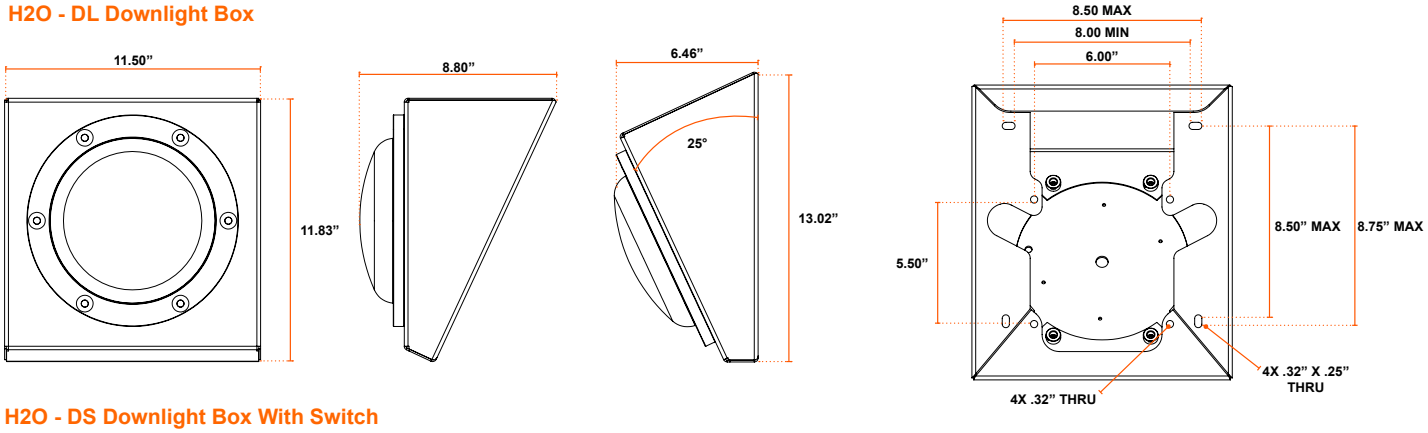

### H2O - JB Surface Box & CB Corner Box



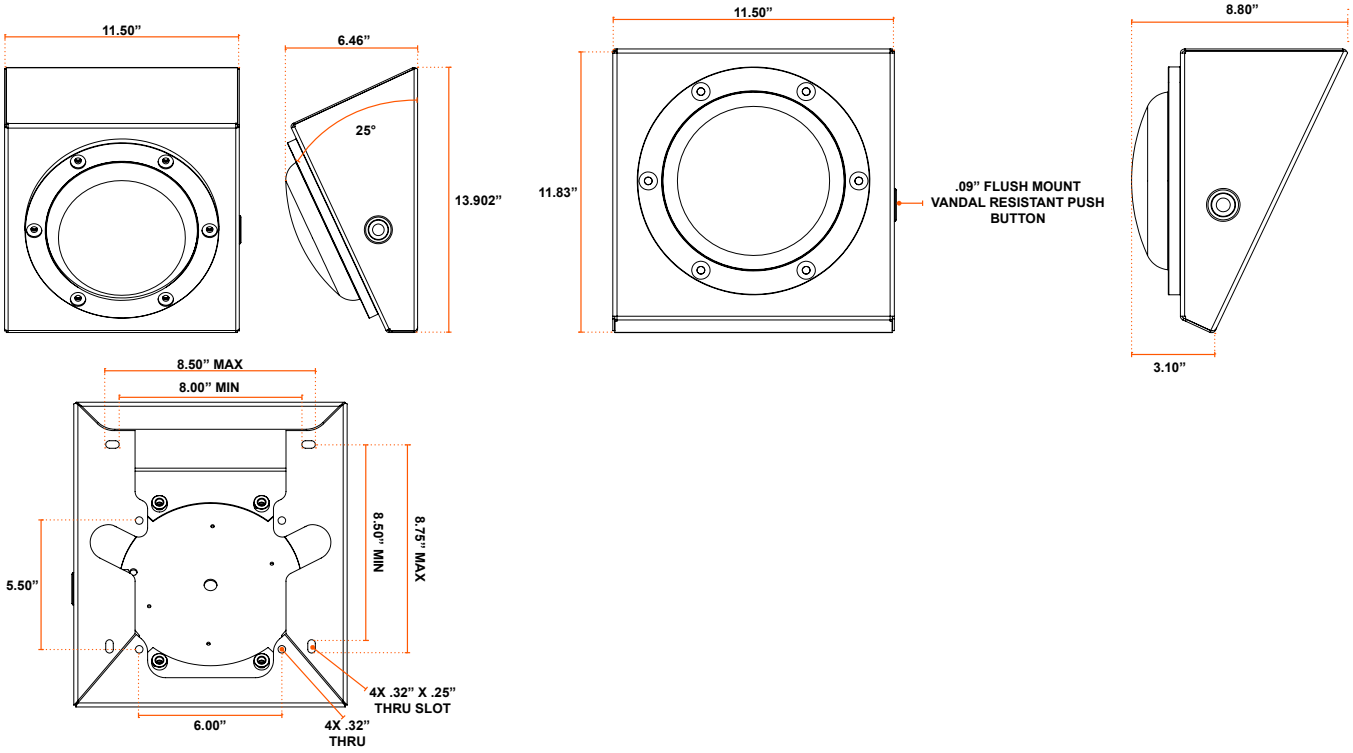



## Dimensional Data (Continued)

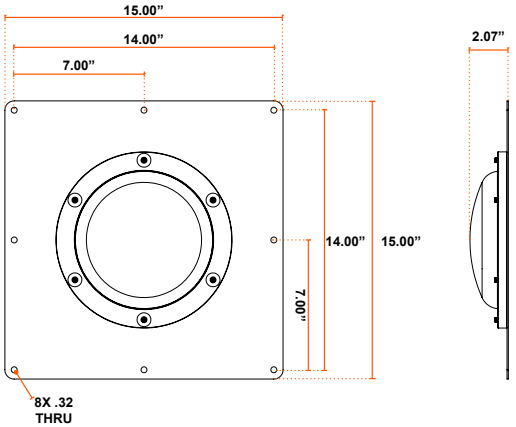
### H2O - DL Downlight Box



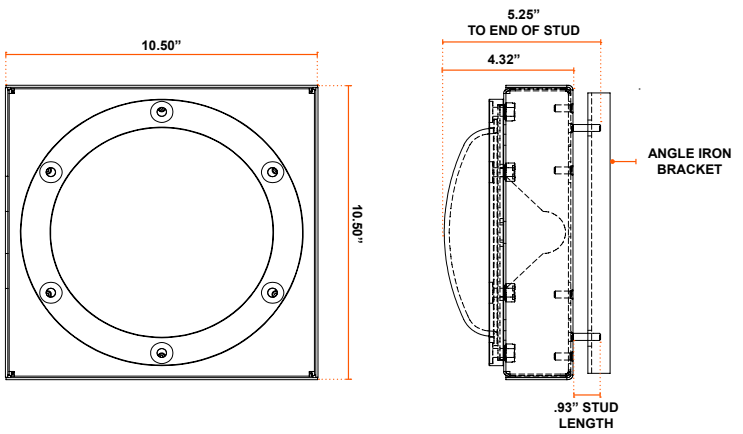

### H2O - DS Downlight Box With Switch




### H2O - PD Plate




### H2O - WB Weather Resistant Box



## Photometric Data

### Photometric Data 120VAC - UR LENS

| Watt | CCT | Lumens | Description | IES File |
|---|---|---|---|---|
| 10W | 2700K | 790 | H2O 10W 2700K CCT UR LENS ON 120VAC | H2O-10W-2700K-UR-120VAC.ies |
| 10W | 3500K | 872 | H2O 10W 3500K CCT UR LENS ON 120VAC | H2O-10W-3500K-UR-120VAC.ies |
| 24W | 2700K | 1546 | H2O 24W 2700K CCT UR LENS ON 120VAC | H2O-24W-2700K-UR-120VAC.ies |
| 24W | 3500K | 1629 | H2O 24W 3500K CCT UR LENS ON 120VAC | H2O-24W-3500K-UR-120VAC.ies |
| 24W | 4000K | 1670 | H2O 24W 4000K CCT UR LENS ON 120VAC | H2O-24W-4000K-UR-120VAC.ies |
| 24W | 5000K | 1727 | H2O 24W 5000K CCT UR LENS ON 120VAC | H2O-24W-5000K-UR-120VAC.ies |
| 35W | 2700K | 2250 | H2O 35W 2700K CCT UR LENS ON 120VAC | H2O-35W-2700K-UR-120VAC.ies |
| 35W | 3500K | 2460 | H2O 35W 3500K CCT UR LENS ON 120VAC | H2O-35W-3500K-UR-120VAC.ies |
| 35W | 4000K | 2553 | H2O 35W 4000K CCT UR LENS ON 120VAC | H2O-35W-4000K-UR-120VAC.ies |
| 35W | 5000K | 2264 | H2O 35W 5000K CCT UR LENS ON 120VAC | H2O-35W-5000K-UR-120VAC.ies |

### Photometric Data 277VAC - UR LENS

| Watt | CCT | Lumens | Description | IES File |
|---|---|---|---|---|
| 10W | 2700K | 841 | H2O 10W 2700K CCT UR LENS ON 277VAC | H2O-10W-2700K-UR-277VAC.ies |
| 10W | 3500K | 835 | H2O 10W 3500K CCT UR LENS ON 277VAC | H2O-10W-3500K-UR-277VAC.ies |
| 24W | 2700K | 1706 | H2O 24W 2700K CCT UR LENS ON 277VAC | H2O-24W-2700K-UR-277VAC.ies |
| 24W | 3500K | 1657 | H2O 24W 3500K CCT UR LENS ON 277VAC | H2O-24W-3500K-UR-277VAC.ies |
| 24W | 4000K | 1728 | H2O 24W 4000K CCT UR LENS ON 277VAC | H2O-24W-4000K-UR-277VAC.ies |
| 24W | 5000K | 1832 | H2O 24W 5000K CCT UR LENS ON 277VAC | H2O-24W-5000K-UR-277VAC.ies |
| 35W | 2700K | 2531 | H2O 35W 2700K CCT UR LENS ON 277VAC | H2O-35W-2700K-UR-277VAC.ies |
| 35W | 3500K | 2465 | H2O 35W 3500K CCT UR LENS ON 277VAC | H2O-35W-3500K-UR-277VAC.ies |
| 35W | 4000K | 2715 | H2O 35W 4000K CCT UR LENS ON 277VAC | H2O-35W-4000K-UR-277VAC.ies |
| 35W | 5000K | 2678 | H2O 35W 5000K CCT UR LENS ON 277VAC | H2O-35W-5000K-UR-277VAC.ies |

### Photometric Data 120VAC - PC LENS

| Watt | CCT | Lumens | Description | IES File |
|---|---|---|---|---|
| 10W | 2700K | 722 | H2O 10W 2700K CCT PC LENS ON 120VAC | H2O-10W-2700K-PC-120VAC.ies |
| 10W | 3500K | 792 | H2O 10W 3500K CCT PC LENS ON 120VAC | H2O-10W-3500K-PC-120VAC.ies |
| 24W | 2700K | 1416 | H2O 24W 2700K CCT PC LENS ON 120VAC | H2O-24W-2700K-PC-120VAC.ies |
| 24W | 3500K | 1482 | H2O 24W 3500K CCT PC LENS ON 120VAC | H2O-24W-3500K-PC-120VAC.ies |
| 24W | 4000K | 1529 | H2O 24W 4000K CCT PC LENS ON 120VAC | H2O-24W-4000K-PC-120VAC.ies |
| 24W | 5000K | 1575 | H2O 24W 5000K CCT PC LENS ON 120VAC | H2O-24W-5000K-PC-120VAC.ies |
| 35W | 2700K | 2048 | H2O 35W 2700K CCT PC LENS ON 120VAC | H2O-35W-2700K-PC-120VAC.ies |
| 35W | 3500K | 2246 | H2O 35W 3500K CCT PC LENS ON 120VAC | H2O-35W-3500K-PC-120VAC.ies |
| 35W | 4000K | 2319 | H2O 35W 4000K CCT PC LENS ON 120VAC | H2O-35W-4000K-PC-120VAC.ies |
| 35W | 5000K | 2091 | H2O 35W 5000K CCT PC LENS ON 120VAC | H2O-35W-5000K-PC-120VAC.ies |

## Photometric Data

**Photometric Data 277VAC - PC Lens**

| Watt. | CCT | Lumens | Description | IES File |
|---|---|---|---|---|
| 10W | 2700K | 768 | H2O 10W 2700K CCT PC LENS ON 277VAC | H2O-10W-2700K-PC-277VAC.ies |
| 10W | 3500K | 760 | H2O 10W 3500K CCT PC LENS ON 277VAC | H2O-10W-3500K-PC-120VAC.ies |
| 24W | 2700K | 1561 | H2O 24W 2700K CCT PC LENS ON 277VAC | H2O-24W-2700K-PC-120VAC.ies |
| 24W | 3500K | 1501 | H2O 24W 3500K CCT PC LENS ON 277VAC | H2O-24W-3500K-PC-120VAC.ies |
| 24W | 4000K | 1560 | H2O 24W 4000K CCT PC LENS ON 277VAC | H2O-24W-4000K-PC-120VAC.ies |
| 24W | 5000K | 1664 | H2O 24W 5000K CCT PC LENS ON 277VAC | H2O-24W-5000K-PC-120VAC.ies |
| 35W | 2700K | 2319 | H2O 35W 2700K CCT PC LENS ON 277VAC | H2O-35W-2700K-PC-120VAC.ies |
| 35W | 3500K | 2239 | H2O 35W 3500K CCT PC LENS ON 277VAC | H2O-35W-3500K-PC-120VAC.ies |
| 35W | 4000K | 2484 | H2O 35W 4000K CCT PC LENS ON 277VAC | H2O-35W-4000K-PC-120VAC.ies |
| 35W | 5000K | 2464 | H2O 35W 5000K CCT PC LENS ON 277VAC | H2O-35W-5000K-PC-120VAC.ies |

**Shipping Dimensions**

| Product | Length | Width | Height | Weight |
|---|---|---|---|---|
| H2O Pro | 11.25” | 11.25” | 4.75” | 6 lbs |
| H2O Pro W/ PD Plate | 16” | 16” | 3” | 12 lbs |
| **Items Shipped Seperately** | **Length** | **Width** | **Height** | **Weight** |
| JB Surface Box Kit | 11.25” | 11.12” | 4.75” | 6 lbs |
| CB Corner Box Kit | 12” | 8” | 8” | 6 lbs |
| DL Downlight Surface Box | 12” | 12" | 7” | 9 lbs |
| DS Downlight Surface Box - Switch | 12” | 12” | 7” | 10 lbs |