

PROJECT: \_\_\_\_\_  
 TYPE: \_\_\_\_\_  
 PRODUCT: \_\_\_\_\_  
 APPROVED BY: \_\_\_\_\_

## PRODUCT FEATURES

- Intended for Maximum to Supermax Correctional Facilities, Detention Centers, Public Housing Complexes, Athletic Facilities, and more
- 2ft and 4ft surface clamshell in wide housing design with contraband drop slot between ceiling and back of luminaire
- Inner and outer lens secured by "Z" bracket retention system with 6" stud spacing for maximum strength
- This product is Made in America and complies with the Buy American Act (BAA), and the Build America, Buy America Act (BABAA)
- The UMS Series is covered by the New Star Promise



UMS Series



## ORDERING INFORMATION

Example: UMS4-C-L250-90C-1C-4/A-UN

| UM                                                                                                                                                                                                                                                                                                       |             | S                                                                                                                                                                                                                                           |                                                                                                                                                                                                                          |                                                                                 |                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| Series                                                                                                                                                                                                                                                                                                   | Style       | Size*                                                                                                                                                                                                                                       | Housing                                                                                                                                                                                                                  | Lumen Output*                                                                   | Color Temp.                            | CRI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Circuits                          |
|                                                                                                                                                                                                                                                                                                          | S = Surface | 2 = 2ft<br>4 = 4ft<br><br>*Nominal Size.<br>Dimensional Data on Page 2                                                                                                                                                                      | A = 12Ga. CRS Painted<br>B = 14Ga. CRS Painted<br>C = 16Ga. CRS Painted<br>D = 18Ga. CRS Painted<br>E = 14Ga. SS Brushed<br>F = 16Ga. SS Brushed<br>G = 18Ga. SS Brushed<br>H = 14Ga. SS Painted<br>J = 16Ga. SS Painted | L2 = Low<br>L3 = High<br><br>*Subject to change.<br>Performance Data on Page 3. | 35 = 3500K<br>40 = 4000K<br>50 = 5000K | 80C = 80 CRI<br>90C = 90 CRI                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1C = 1 Circuit<br>2C = 2 Circuits |
|                                                                                                                                                                                                                                                                                                          |             | /                                                                                                                                                                                                                                           |                                                                                                                                                                                                                          |                                                                                 |                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                   |
| Outer Lens                                                                                                                                                                                                                                                                                               |             | Inner Lens                                                                                                                                                                                                                                  |                                                                                                                                                                                                                          | Voltage                                                                         |                                        | Driver                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                   |
| 0 = No Lens<br>1 = .187 Clear Poly.<br>2 = .250 Clear Poly.<br>3 = .375 Clear Poly.<br>4 = .500 Clear Poly.<br>5 = .187 Clear Temp Glass<br>6 = .250 Clear Temp. Glass<br>7 = .375 Clear Temp. Glass*<br>8 = .500 Clear Temp. Glass*<br>9 = .750 Clear Temp. Glass*<br><br>*Must use with 12Ga. or 14Ga. |             | A = .125 Prismatic Acrylic<br>B = .125 Prismatic Poly.<br>C = .156 Prismatic Poly.<br>D = .187 Prismatic Poly.<br>F = .156 Prismatic Acrylic<br>G = .140 DR Acrylic*<br>LC3 = .125 White Frosted Poly.<br><br>*Not rated for Wet Locations. |                                                                                                                                                                                                                          | 12 = 120V<br>27 = 277V<br>34 = 347V<br>UN = Universal (120V-277V)               |                                        | DM = 0-10V dimming with 10-100% range<br>DM1 = 0-10V dimming with 1-100% range                                                                                                                                                                                                                                                                                                                                                                                                                  |                                   |
|                                                                                                                                                                                                                                                                                                          |             |                                                                                                                                                                                                                                             |                                                                                                                                                                                                                          |                                                                                 |                                        | Options                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                   |
|                                                                                                                                                                                                                                                                                                          |             |                                                                                                                                                                                                                                             |                                                                                                                                                                                                                          |                                                                                 |                                        | FZ = Fuse (120V)<br>FZ1 = Fuse (277V)<br>LN = LED Night Light*<br>EL1 = Emerg. Bat. LED Low (1100-1250 lm)**<br>EL2 = Emerg. Bat. LED High (1900-2000 lm)**<br>WL = Wet Location (under cover ceiling)<br>AH = Allen head Screws with Center Pin Reject<br><br>*3500K. Non-dimming. Integrated switch allows light levels at 100%, 70%, 40% and 10% levels.<br>**If stored, batteries should be fully recharged every six months and kept between 0°C-25°C to maintain optimal battery capacity |                                   |

## SPECIFICATIONS

**HOUSING:** Die-formed, seam welded, and ground smooth surface mount clamshell design in cold rolled steel or stainless steel. Incorporates a removable reflector unitized with all electrical components for easy installation and maintenance.

**BACKPLATE:** Die-formed with contraband drop slot and embossed mounting holes (material and gauge to match housing). Security caulking between ceiling and fixture is not required with this backplate design.

**HINGE:** 16-Gauge full length continuous staked piano hinge with welded ends to prevent removal (material to match housing).

**LENS/LENS RETAINER:** Outer and inner lens options secured with "Z" retainers with welded studs spaced six inches apart for maximum strength.

**LED:** Available in three color temperatures 3500K, 4000K, and 5000K with maximum 3-step MacAdam variation allowance. Other color temperatures available, consult factory. Minimum 50,000 hours with 70% lumen maintenance in a 25°C ambient temperature environment, compliant with IES LM-80 testing standards.

**ELECTRICAL:** 120-277VAC or 347VAC, 50/60HZ electrical input high power factor electronic, constant current driver (<20% THD, >0.90 PF).

**GASKET:** Black neoprene gasket around door frame to prevent light leaks.

**FASTENERS:** Tamper-resistant Torx® head fasteners with center pin reject.

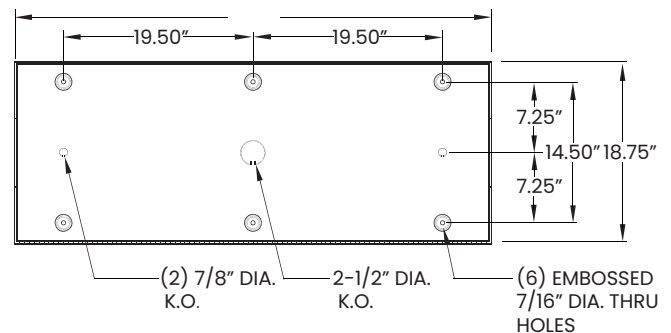
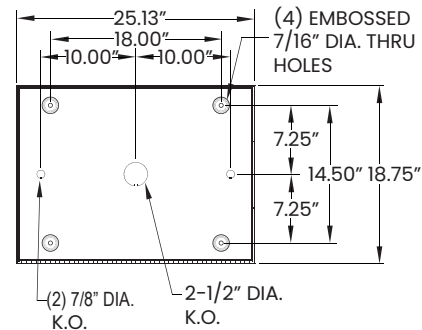
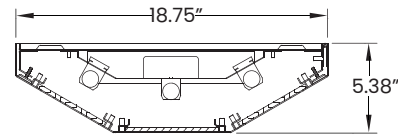
**FINISH:** White polyester powder coat finish following a multistage iron phosphate pre-treatment.

**MOUNTING:** Surface installation. Hardware by others.

**WARRANTY:** New Star Promise.

**LABEL:** Fixture is certified to UL standards for Wet Locations. This product is Made in America and complies with Buy American Act (BAA), and the Build America, Buy America Act (BABAA).

## DIMENSIONAL DATA



The UMW Series is covered by our New Star Promise.

Our promise means we will repair or replace any of our High Abuse or Vandal-Resistant architectural luminaires when installed according to our instructions for the life of the original installation if the fixture should fail due to physical abuse\*.

\*Damage caused by gunfire and chemical reactions is not covered by the New Star Promise.

## PERFORMANCE DATA\*

\*Data is with 80 CRI chip.

| MODEL | OUTPUT    | COLOR TEMP. | LUMENS DELIVERED | EFFICACY (lm/W) | INPUT POWER (W) |
|-------|-----------|-------------|------------------|-----------------|-----------------|
| UMS2  | L2 = Low  | 4000K       | 2750             | 110             | 25              |
|       | L3 = High | 4000K       | 4125             | 110             | 37.5            |
| UMS4  | L2 = Low  | 4000K       | 5500             | 110             | 50              |
|       | L3 = High | 4000K       | 8250             | 110             | 75              |



**New Star Lighting**

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Specifications and dimensions are subject to change without notice. For additional options and dimensional details, please consult your New Star Lighting representative.

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