# DURACARE™ RUD SERIES

**New Star Lighting**

## PRODUCT FEATURES

- Ligature-resistant for behavioral health applications
- Two-aperture bullnose clamshell for wall mount available in 1ft, 2ft, and 4ft
- Fixture is certified to UL Standards by Intertek Testing Laboratories for Wet Locations
- This product is Made in America and complies with the Buy American Act (BAA), and the Build America, Buy America Act (BABAA)
- The RUD Series is covered by the New Star Promise.

RUD Series

## ORDERING INFORMATION

**Example: RUD2-DC-B-LA40-90C-2C-A/C-UN-DM1**

| RUD | | DC | | | | | 2C |
|---|---|---|---|---|---|---|---|
| Series | Size* | DC = DuraCare™ | Housing | Lumen Output* | Color Temp. | CRI | Circuits |
| | **1** = 1ft | | **B** = 14Ga. CRS Painted | **LA** = 1 Up/1 Down** | **35** = 3500K | **80C** = 80 CRI | **2C** = 2 Circuits* |
| | **2** = 2ft | | **C** = 16Ga. CRS Painted | **LB** = 1 Up/2 Down | **40** = 4000K | **90C** = 90 CRI | |
| | **4** = 4ft | | **D** = 18Ga. CRS Painted | **LC** = 2 Up/2 Down | **50** = 5000K | | *Up/Down compartments to be independently circuited/controlled |
| | | | **E** = 14Ga. SS Brushed | **LD** = 2 Up/1 Down | | | |
| | *Nominal Size. Dimensional Data on Page 2. | | **F** = 16Ga. SS Brushed | **LE** = 0 Up/1 Down** | | | |
| | | | **H** = 14Ga. SS Painted | **LF** = 1 Up/0 Down** | | | |
| | | | **J** = 16Ga. SS Painted | | | | |
| | | | | *Subject to change. Performance Data on Page 3. **Available with RUD1. | | | |

| Outer Lens | Inner Lens | Voltage | Driver | Options |
|---|---|---|---|---|
| **0** = No Lens | **A =** .125 Prismatic Acrylic | **12** = 120V | **DM** = 0-10V dimming with 10-100% range | **FZ1** = Fuse (120V) |
| **A =** .125 Clear Poly. | **B =** .125 Prismatic Poly. | **27** = 277V | | **FZ2** = Fuse (277V) |
| **B =** .156 Clear Poly. | **C =** .156 Prismatic Poly. | **UN** = Universal (120V - 277V) | | **LN** = LED Night Light (3500K)* |
| **1 =** .187 Clear Poly. | **D =** .187 Prismatic Poly. | | **DM1** = 0-10V dimming with 1-100% range | **EL1** = Emerg. Bat. LED Low (10W)** |
| **2 =** .250 Clear Poly. | **F =** .156 Prismatic Acrylic | | | **EL2** = Emerg. Bat. LED Low (20W)** |
| **3 =** .375 Clear Poly. | **G =** .140 DR Acrylic | | | **AH** = Allen Head screws with center pin reject |
| **5 =** .187 Clear Temp. Glass | **LC3** = .125 White Frosted Poly. | | | **SR** = Flush Button Switch on Right (120V) |
| **6 =** .250 Clear Temp. Glass | | | | **SL** = Flush Botton Switch on Left (120V) |
| **7 =** .375 Clear Temp. Glass* | | | | |
| **8 =** .500 Clear Temp Glass* | | | | *3500K non-dimming Night Light with integrated switch allows light levels at 100%, 70%,40% and 10%. Located in "Down" compartment. |
| **9 =** .750 Clear Temp. Glass* | | | | **Not available for RUD1. Illuminates "Down" compartment with integral test switch. If stored, batteries should be fully recharged every six months and kept between 0ºC-25ºC to maintain optimal battery capacity. |
| *Must use with 14Ga. | | | | ***Consult factory for options. Depending on options specified. Battery may need to be remote. |

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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# DURACARE™ RUD SERIES

New Star Lighting

## SPECIFICATIONS

**HOUSING:** Die-formed, seam welded, and ground smooth clamshell bullnose design in cold rolled steel or stainless steel. Incorporates a removable reflector unitized with all electrical components for easy installation and maintenance. Rounded housing shape designed to withstand physical abuse.

**BACKPLATE:** Die-formed with contraband drop slot and embossed mounting holes (material 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:** Outer and Inner lens options secured by "Z" retainers with weld 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 25ºC ambient temperature environment, compliant with IES LM-80 testing standards.

**ELECTRICAL:** 120-277VAC, 50/60HZ electrical input high power factor electronic, constant current driver (<20% THD, >0.90 PF). Standard 0-10V Dimming with 10-100% range.

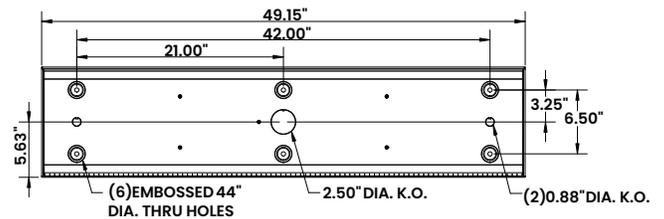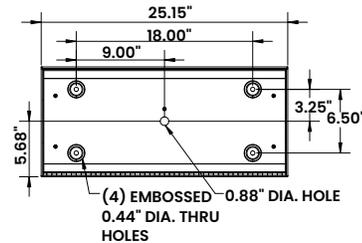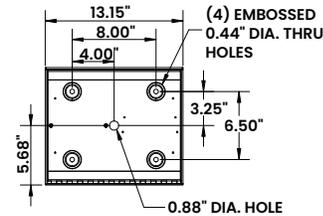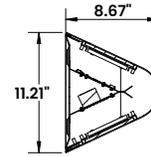**FASTENERS:** Tamper-resistant Torx® head fasteners.

**FINISH:** Antimicrobial white polyester powder coat finish following multi-stage iron phosphate pre-treatment. Fasteners are painted to match the housing.

**MOUNTING:** Surface wall installation.

**WARRANTY:** New Star Promise.

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

## DIMENSIONAL DATA



8.67"
11.21"



13.15"
8.00"
4.00"
(4) EMBOSSED 0.44" DIA. THRU HOLES
3.25"
6.50"
5.68"
0.88" DIA. HOLE



25.15"
18.00"
9.00"
3.25"
6.50"
5.68"
(4) EMBOSSED 0.44" DIA. THRU HOLES
0.88" DIA. HOLE



49.15"
42.00"
21.00"
3.25"
6.50"
5.63"
(6)EMBOSSED 44" DIA. THRU HOLES
2.50" DIA. K.O.
(2)0.88"DIA. K.O.

NEW STAR PROMISE

The RUD 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.

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# DURACARE™ **RUD** SERIES

## PERFORMANCE DATA

*Data is with 80 CRI chip. LEDs are frequently updated therefore values may change without notice.

| MODEL | OUTPUT | DOWN COMPARTMENT DELIVERED LUMENS | EFFICACY (lm/W) | INPUT POWER (W) |
|---|---|---|---|---|
| **RUD1** | LA = 1 Up/1 Down | 4000 | 110 | 25 |
| | LE = 0 Up/1 Down | 2000 | 110 | 12.5 |
| | LF = 1 Up/0 Down | 2000 | 110 | 12.5 |
| **RUD2** | LA = 1 Up/1 Down | 2750 | 110 | 50 |
| | LB = 1 Up/2 Down | 4125 | 110 | 75 |
| | LC = 2 Up/2 Down | 5500 | 110 | 100 |
| | LD = 2 Up/1 Down | 4125 | 110 | 75 |
| | LE = 0 Up/1 Down | 1375 | 110 | 25 |
| | LF = 1 Up/0 Down | 1375 | 110 | 25 |
| **RUD4** | LA = 1 Up/1 Down | 5500 | 110 | 50 |
| | LB = 1 Up/2 Down | 8250 | 110 | 75 |
| | LC = 2 Up/2 Down | 11000 | 110 | 100 |
| | LD = 2 Up/1 Down | 8250 | 110 | 75 |
| | LE = 0 Up/1 Down | 2750 | 110 | 25 |
| | LF = 1 Up/0 Down | 2750 | 110 | 25 |

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