# RW
## LED Recessed Wall Wash

**Williams**®

4-5/8″
9-3/4″

CATALOG #: _____

TYPE: _____

PROJECT: _____

BUY AMERICAN ACT COMPLIANT

## FEATURES

- Perfect for highlighting merchandise, artwork, and signage
- Fully room-side accessible without the use of tools
- Quick-wire access plate in back of fixture housing for easy attachment of incoming power supply
- Diffuse acrylic lens enhances uniformity and minimizes glare
- Made Right Here® in the USA

## SPECIFICATIONS

- HOUSING – Precision die-formed 20-gauge C.R.S.
- SHIELDING – Diffuse acrylic
- REFLECTOR – Semi-specular aluminum.
- FINISH – Highly reflective non-glare matte white polyester powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.
- ELECTRICAL – High-quality mid-power LED boards. See fixture performance data for lumen maintenance.
- MOUNTING – NEMA Type "G" 15/16″ or 1″ grid standard (T-bars to be mounted 10″ x 2′ or 10″ x 4′ on center). For flange installations use the Drywall Kit (DFK), ordered separately, see options.
- LISTINGS –
  - cCSAus certified as luminaire suitable for dry or damp locations.
  - IC-rated for direct contact with insulation.
  - Complies with the Buy American Act and other federal regulations. Request certification at hew.com/baa.
- WARRANTY – 5-year limited warranty, see hew.com/warranty.

## ORDERING EXAMPLE: RW G - 2 - L45/835 - S - OPTIONS - DIM - UNV

### ORDERING INFO

| SERIES | CEILING TYPE [1] | LENGTH | LUMENS [2] | CRI | CCT | REFLECTOR TYPE |
|--------|------------------|--------|-----------|-----|-----|----------------|
| RW | G 15/16″ or 1″ grid | 2 2′ | 2′ | 8 80 | 27 2700K | S Semi-specular aluminum |
| | | 4 4′ | L15 1,500lm | 9 90 [3] | 30 3000K | W Powder coat white |
| | | | L30 3,000lm | | 35 3500K | |
| | | | L45 4,500lm | | 40 4000K | |
| | | | 4′ | | 50 5000K | |
| | | | L30 3,000lm | | | |
| | | | L60 6,000lm | | | |
| | | | L90 9,000lm | | | |

| OPTIONS [4] | | DRIVER [5] | | VOLTAGE | |
|-------------|--|-----------|--|---------|--|
| DFK-1024W | Drywall kit for 2′ unit | DIM | Dimming driver | 120 | 120V |
| DFK-1048W | Drywall kit for 4′ unit | DRV | Non-dimming driver | 277 | 277V |
| | | | | UNV | 120-277V |
| | | | | 347 | 347V |

## NOTES

1. For flange installations use the Drywall Kit (DFK), ordered separately, see Options. See page 2 for FIXTURE DETAILS.
2. Lumen output based on 80 CRI/3500K CCT. Actual performance may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA.
3. Extended lead times may apply. Consult factory for availability.
4. Shipped separately. See page 2 for FIXTURE DETAILS. See page 3 for DRYWALL KIT (DFK) OPTIONS.
5. See page 2 for ADDITIONAL DRIVER OPTIONS.

H.E. Williams, Inc. ■ Carthage, Missouri ■ www.hew.com ■ 417-358-4065 ■ Designed and Manufactured in the USA
Information contained herein is subject to change without notice. REV.12/11/23.LA

Recessed
Page 1 of 3

# RW
## LED
## Recessed Wall Wash

## FIXTURE PERFORMANCE DATA

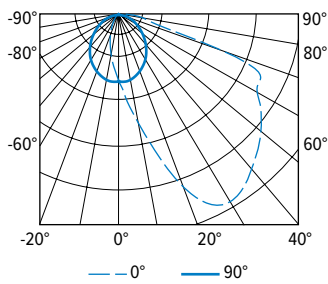| | LED PACKAGE | DELIVERED LUMENS | WATTAGE | EFFICACY (lm/W) | LUMEN MAINTENANCE | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | L70 | L80 | L85 | L90 |
| 2' | L15 | 1504 | 14.8 | 102 | >72000 | 62000 | 45000 | 29000 |
| 2' | L30 | 2956 | 28.7 | 103 | >72000 | >72000 | 63000 | 42000 |
| 2' | L45 | 4424 | 46.6 | 95 | >102000 | >102000 | >102000 | 82000 |
| 4' | L30 | 2961 | 27.0 | 110 | >72000 | 62000 | 45000 | 29000 |
| 4' | L60 | 6216 | 60.2 | 103 | >72000 | >72000 | 63000 | 42000 |
| 4' | L90 | 9046 | 94.0 | 96 | >102000 | >102000 | >102000 | 82000 |

- Photometrics tested in accordance with IESNA LM-79. Results based on 80 CRI/3500K CCT, average wattage for 120V through 277V input, and 25°C ambient temperature. Actual performance may vary +/-5%
- Predicted lumen maintenance calculated in accordance with IES TM-21 per Energy Star (R) TM-21 Calculator rev. 02.08.16.
- Use multiplier table to calculate additional options.

### MULTIPLIER TABLE

| | COLOR TEMPERATURE | |
|---|---|---|
| | CCT | CONVERSION FACTOR |
| 80 CRI | 2700K | 0.97 |
| 80 CRI | 3000K | 0.99 |
| 80 CRI | 3500K | 1.00 |
| 80 CRI | 4000K | 1.03 |
| 80 CRI | 5000K | 1.06 |
| 90 CRI | 2700K | 0.80 |
| 90 CRI | 3000K | 0.82 |
| 90 CRI | 3500K | 0.83 |
| 90 CRI | 4000K | 0.86 |
| 90 CRI | 5000K | 0.89 |

## PHOTOMETRY

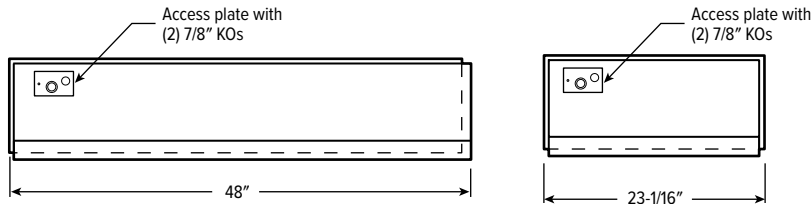**RWG-2-L30/835-S-DIM-UNV** Total Luminaire Output: 2956 lumens; 28.7 Watts | Efficacy: 103 lm/W | 80 CRI; 3500K CCT



— 0°  —— 90°

| VERTICAL ANGLE | HORIZONTAL ANGLE | | | | | ZONAL LUMENS |
|---|---|---|---|---|---|---|
| | 0° | 45° | 90° | 135° | 180° | |
| 0 | 765 | 765 | 765 | 765 | 765 | |
| 5 | 964 | 932 | 780 | 627 | 548 | 75 |
| 15 | 1465 | 1273 | 745 | 410 | 317 | 236 |
| 25 | 1775 | 1506 | 673 | 272 | 176 | 395 |
| 35 | 1709 | 1509 | 566 | 171 | 88 | 494 |
| 45 | 1541 | 1285 | 445 | 103 | 40 | 517 |
| 55 | 1372 | 1034 | 330 | 63 | 18 | 488 |
| 65 | 1274 | 788 | 218 | 37 | 9 | 421 |
| 75 | 521 | 502 | 121 | 21 | 5 | 242 |
| 85 | 298 | 164 | 38 | 6 | 1 | 88 |
| 90 | 0 | 0 | 0 | 0 | 0 | |

*CANDLEPOWER DISTRIBUTION*

| ZONE | LUMENS | % FIXTURE |
|---|---|---|
| 0 - 30 | 706 | 24 |
| 0 - 40 | 1200 | 41 |
| 0 - 60 | 2205 | 75 |
| 0 - 90 | 2956 | 100 |
| 0 - 180 | 2956 | 100 |

*LUMEN SUMMARY*

## FIXTURE DETAILS

### BACKVIEW



Access plate with (2) 7/8" KOs

48"

Access plate with (2) 7/8" KOs

23-1/16"

## ADDITIONAL DRIVER OPTIONS

Note: Lumen restrictions apply, consult product builder at hew.com/product-builder.

| CATALOG NUMBER | DESCRIPTION |
|---|---|
| DRV | Driver prewired for non-dimming applications |
| DIM | Dimming driver prewired for 0-10V low voltage applications |
| DIM1 | 1% dimming driver prewired for 0-10V low voltage applications |
| DIM LINE | Line voltage dimming driver (TRIAC and ELV compatible, 120V only) |
| DIM TRC | Line voltage dimming driver (TRIAC compatible, 120V only) |
| SD40 | 40% step-dimming driver |
| SD50 | 50% step-dimming driver |
| DALI | DALI dimming driver |
| LDE1 | Lutron Hi-lume 1% EcoSystem dimming LED driver |

H.E. Williams, Inc. ▪ Carthage, Missouri ▪ www.hew.com ▪ 417-358-4065 ▪ Designed and Manufactured in the USA
Information contained herein is subject to change without notice. REV.12/11/23.LA

Recessed
Page 2 of 3

# RW
## LED
## Recessed Wall Wash

## DRYWALL KIT (DFK) OPTIONS

### ORDERING INFO

| EXAMPLE: DFK - 10 24 W | | | |
|---|---|---|---|
| **SERIES** | **WIDTH** | **LENGTH** | **FINISH** |
| **DFK** Drywall kit | **10** 10″ | **24** 24″ | **W** White |
| | **10** 10″ | **48** 48″ | **AMW** Anti-microbial white |

### INSTALLATION DIMENSIONS

| NOMINAL SIZE | ROUGH-IN | | FINISH TRIM SIZE | |
|---|---|---|---|---|
| | WIDTH (A) | LENGTH (C) | WIDTH (B) | LENGTH (D) |
| 10″ x 2′ | 10-3/8″ | 24-3/8″ | 11-5/16″ | 25-5/16″ |
| 10″ x 4′ | 10-3/8″ | 48-3/8″ | 11-5/16″ | 49-5/16″ |

### TYPICAL INSTALLATION

Refer to table for dimensions.



Width

Length

1-1/2″
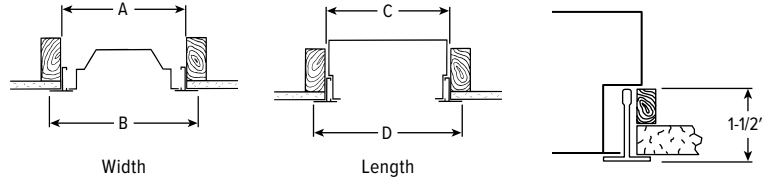
When using the DFK with Williams RW fixture, the structure surrounding the DFK is to extend no more than 1-1/2″ from the bottom of the "T", as shown

H.E. Williams, Inc. ▪ Carthage, Missouri ▪ www.hew.com ▪ 417-358-4065 ▪ Designed and Manufactured in the USA
Information contained herein is subject to change without notice.
REV.12/11/23.LA

Recessed
Page 3 of 3