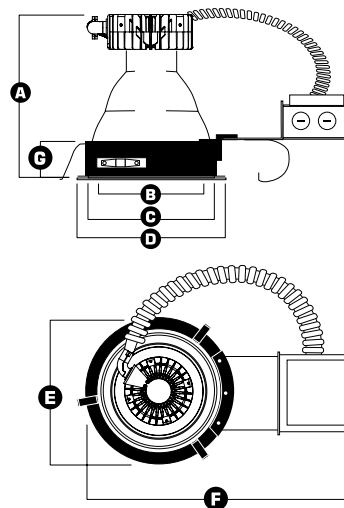# HVR4-LED 4" ARCHITECTURAL LED REMODEL DOWNLIGHT

**SAME DAY** SHIPPING AVAILABLE

NEW

**1500 LUMENS**

| INPUT VOLT. | INPUT FREQ. | INPUT CUR. | THD | POWER FACTOR | INPUT POWER | LUMENS |
|---|---|---|---|---|---|---|
| 120/277 | 50/60Hz | 283mA/122mA | <20% | >0.9 | 34W(+/-5%) | 1500 |
| 120/277 | 50/60Hz | 180mA/76mA | <20% | >0.9 | 21W(+/-5%) | 1100 |
| 120/277 | 50/60Hz | 133mA/57mA | <20% | >0.9 | 16W(+/-5%) | 800 |

**Ⓐ** Height = 8-1/2"
**Ⓑ** Trim Aperture = 4-1/8"
**Ⓒ** Cut-out = 4-1/2"
**Ⓓ** Trim Outside Dia. = 5-1/2"
**Ⓔ** Width = 6-1/2"
**Ⓕ** Length = 12-3/4"
**Ⓖ** Flange = 1-1/2"

**DESCRIPTION** - 4" LED dedicated Architectural Remodel Downlight with integral LED heat management casting and driver. Available in 800, 1100 & 1500 lumens. Lighting is smooth and comfortable while using 50% less energy than the common 26W & 32W CFL downlight. Plus the eco-friendly MAXILUME LED system features 70% lumen maintenance at 50,000hrs of life, with California Title-24 (compliances pending). Designed for remodel applications. Designed for fast and easy installation in existing plaster or mechanical ceilings and provide energy efficient LED Lighting to save anywhere from 35% up to 75% on energy cost.

**FEATURES** - Greater light output than a 26W & 32W CFL. MAXILUME LED luminaires are ideally suited for use in hospitality, health care, commercial, academic institutions, retail and other architectural applications.

PROUDLY ASSEMBLED in AMERICA • c UL us LISTED • California T24

**OPTICS** - MAXILUME LED Optilux technology combines unmatched performance with visual comfort. Spun 0.05" thick reflector has been designed to gather the light scattered by the LED chip and shape it into functional beams that minimize brightness and glare, while eliminating lamp image. Proprietary dual level upper and lower reflector design allows for optimum glare control. Elite engineered superior quality, light engine; producing 800, 1100 & 1500 lumens.

**PERFORMANCE** - Operating system delivers 800, 1100 & 1500 lumens. All MAXILUME LED luminaires are rated at 85+, 90+ and 98+ CRI, and are binned to within 3 MacAdam ellipses. Elite's highly selective LED chips produce zero ultraviolet and virtually no infrared light. All LED luminaires are rated and tested to LM-79 and LM-80 standards by an independent laboratory.

**THERMAL MANAGEMENT SYSTEM** - Using a proprietary cooLED Advanced Thermodynamic Design, Die-cast aluminum housing and heat management system are engineered for extremely long life and service period. Heat sink is attached to top of housing. The LED light engine is attached to the die-cast heat sink and is easily replaceable and upgradable. Life tests have shown the MAXILUME light engine output will be maintained at 70% of initial at 50,000hrs of operation.

**DIMMABLE** - The MAXILUME LED system is shipped standard with a 0-10V driver which can be dimmed down to 1% of initial light output with a 0-10V dimmer when ordered with the following options (DIM10-120, DIM10-277). Fixtures can also be shipped with a Lutron Hi-lume A series driver which can be dimmed with Lutron Dimming Systems when ordered with the following options (LUTH-120, LUTH-277), or EldoLed 0-10V 1% Dimming, consult factory for other EldoLed driver and other driver options. Triac & Electronic Low Voltage dimming driver also available when ordered with the following options (DIMTR-120). All fixtures with 3000L and below are dimmable down to 1% and the fixtures with 4000L and above can be dimmed down to 10%.

**MOUNTING FRAME** - Die-formed all construction for maximum heat dissipation and rust protection. For fast and easy installation in existing plaster or mechanical ceiling thickness from 1/2" to 1-3/4". Four remodel clips are easily retractable for fixture removal if necessary.

**LED DRIVER/JUNCTION BOX** - The LED driver is rated for 50 to 60Hz at 120V /277V input, produces less than 20%THD, and has a power factor between 90% and 100% and is thermally protected for additional safety. MAXILUME's LED driver is installed on the junction box cover so it may be serviced from below the ceiling. UL Listed for through-branch circuit wiring, provided with four 1/2" knockouts, one 3/4" knockout and four Romex knockouts with true pryout slots and strain clamps. Designed for straight through conduit runs.

**OUR WORD** - The MAXILUME LED lighting system carries a five-year carefree warranty for parts and components. (Labor not included.)

**DIMMING INFORMATION**
**DIM10** (0-10V 1% Dimming)
**LUTH** (Lutron® Hi-Lume A-Series 3-Wire or Eco System 1% Dimming up to 4000 lumens only)
**ELDO10** (EldoLed 0-10V 1% Dimming up to 3000 lumens only, consult factory for the EldoLed driver options)
**DIMTR** (Triac & Electronic Low Voltage Dimming)

**LISTING**
c-UL-us - listed for Damp location.
c-UL-us - listed for feed Through Wiring. LM79 / LM80

LED Driver options:
OPTOTRONIC OSRAM Dimmable LED Power Supplies
LUTRON
PHILIPS ADVANCE Quality LED Drivers

Example: **HVR4-LED-1100L-DIM10-120-MD-30K-LED-4101-CL-WH**

| TYPE | 800L SERIES | 1100L SERIES | 1500L SERIES | VOLTAGE | OPTICS | CCT | CRI | EMERGENCY | TRIM TYPE | | REFLECTOR/RING FINISH | DISC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HVR4-LED | ❑ 800L-DIMTR* | ❑ 1100L-DIMTR* | ❑ 1500L-LUTH | ❑ 120 | ❑ MD (Medium) | ❑ 27K | ❑ 85+ | ❑ EMG-LED | ❑ LED-4101 | ❑ LED-4112 | ❑ CL-WH | ❑ BLUE |
| | ❑ 800L-LUTH | ❑ 1100L-LUTH | ❑ 1500L-DIM10 | ❑ 277 | | ❑ 30K | ❑ 90+ | Typical lumen output of the | ❑ LED-4102 | ❑ LED-4113 | ❑ CL-SCH | ❑ RED |
| | ❑ 800L-DIM10 | ❑ 1100L-DIM10 | ❑ 1500L-ELDO10 | ❑ 347 | | ❑ 35K | ❑ 98+** | fixture is up to 1000L in | ❑ LED-4107 | ❑ LED-4114 | ❑ SHZ-SHZ | ❑ GREEN |
| | ❑ 800L-ELDO10 | ❑ 1100L-ELDO10 | | | | ❑ 40K | | emergency mode. Contact | ❑ LED-4109 | ❑ LED-4115 | ❑ SHZ-WH | ❑ FROST |
| | | | | | | ❑ 50K (85+CRI only) | | the factory for details. | ❑ LED-4110 | ❑ LED-4121 | ❑ W-WH | ❑ AL |
| | | | | | | | | | ❑ LED-4128 | ❑ LED-4122 | ❑ MB-WH | ❑ BZ |
| | | | | | | | | | ❑ LED-4123 | ❑ LED-4125 | ❑ WT-WH | ❑ WH |

* DIMTR and LUT2W options only available in 120 Volt.    ** 98+ CRI is available in 27K, 30K and 40K only
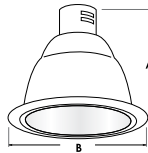
**MAXI**LUME

**EXAMPLE:** LED-4101-CL-WH
**LED-4101** - REFLECTOR
**REFLECTOR/RING FINISH:**
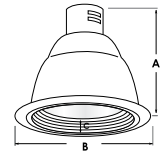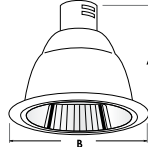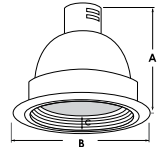CL-WH   CL-SCH   WT-WH   SHZ-WH   W-WH   SHZ-SHZ   MB-WH

**A**= 6-1/2"
**B**= 5-1/2"

**EXAMPLE:** LED-4102-CL-WH
**LED-4102** - BAFFLE W/ REFLECTOR
**BAFFLE/ RING FINISH:**
W-CL-WH   P-CL-WH

**A**= 6-1/2"
**B**= 5-1/2"
**C**= 1"

**EXAMPLE:** LED-4107-CL-WH
**LED-4107** - WALL WASH REFLECTOR
**REFLECTOR/RING FINISH:**
CL-WH   CL-SCH   WT-WH   SHZ-WH   W-WH   SHZ-SHZ   MB-WH

**A**= 6-1/2"
**B**= 5-1/2"

**EXAMPLE:** LED-4112-CL-WH
**LED-4112** - BAFFLE W/ FROSTED GLASS LENS
**BAFFLE/ RING FINISH:**
W-WH   P-WH

FOR WET LOCATION

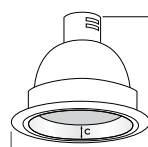**A**= 6-7/8"
**B**= 5-1/2"
**C**= 1"

**EXAMPLE:** LED-4114-CL-WH
**LED-6114** - REFLECTOR W/ FROSTED GLASS LENS
**REFLECTOR/RING FINISH:**
CL-WH   CL-SCH   WT-WH   SHZ-WH   W-WH   SHZ-SHZ   MB-WH

FOR WET LOCATION
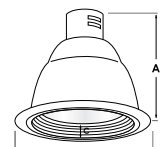
**A**= 6-1/2"
**B**= 5-1/2"
**C**= 1"

**EXAMPLE:** LED-4113-CL-WH
**LED-6113** - BAFFLE W/ TEMPERED CLEAR GLASS
**BAFFLE/ RING FINISH:**
W-WH   P-WH

FOR WET LOCATION

**A**= 6-1/2"
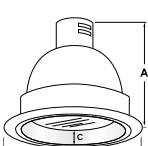**B**= 5-1/2"
**C**= 1"

**EXAMPLE:** LED-4115-CL-WH
**LED-4115** - REFLECTOR W/ TEMPERED CLEAR GLASS
**REFLECTOR/RING FINISH:**
CL-WH   CL-SCH   WT-WH   SHZ-WH   W-WH   SHZ-SHZ   MB-WH

FOR WET LOCATION
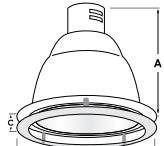
**A**= 6-7/8"
**B**= 5-1/2"
**C**= 1"

**EXAMPLE:** LED-4121-CL-WH
**LED-4121** - STARDUST DECO RING GLASS
**REFLECTOR/RING FINISH:**
CL-WH   CL-SCH   WT-WH   SHZ-WH   W-WH   SHZ-SHZ   MB-WH

**A**= 6-1/2"
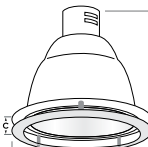**B**= 5-1/2"
**C**= 1"

**EXAMPLE:** LED-4122-CL-WH
**LED-4122** - EURO DECO RING GLASS
**REFLECTOR/RING FINISH:**
CL-WH   CL-SCH   WT-WH   SHZ-WH   W-WH   SHZ-SHZ   MB-WH

**A**= 6-1/2"
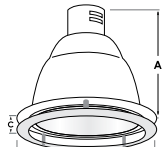**B**= 5-1/2"
**C**= 1"

**EXAMPLE:** LED-4123-CL-WH
**LED-4123** - PRISM DECO RING GLASS
**REFLECTOR/RING FINISH:**
CL-WH   CL-SCH   WT-WH   SHZ-WH   W-WH   SHZ-SHZ   MB-WH

**A**= 6-1/2"
**B**= 5-1/2"
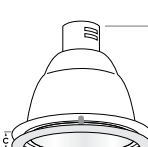**C**= 1"

**EXAMPLE:** LED-4109-CL-WH
**LED-4109** - DECO GLASS REFLECTOR
**REFLECTOR/RING FINISH:**
CL-WH   CL-SCH   WT-WH   SHZ-WH   W-WH   SHZ-SHZ   MB-WH
**GLASS FINISH:**
BLUE, RED, GREEN, FROST

**A**= 6-1/2"
**B**= 5-1/2"
**C**= 1"

**EXAMPLE:** LED-4110-CL-WH
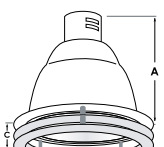**LED-4110** - DOUBLE RING GLASS
**REFLECTOR/RING FINISH:**
CL-WH   CL-SCH   WT-WH   SHZ-WH   W-WH   SHZ-SHZ   MB-WH
**GLASS FINISH:**
BLUE, RED, GREEN, FROST

**A**= 6-1/2"
**B**= 5-1/2"
**C**= 1-7/8"

ALUMINIUM DISC
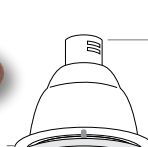
**EXAMPLE:** LED-4128-CL-WH-AL
**LED-4128** - DECO GLASS REFLECTOR WITH ALUMINIUM DISC
**REFLECTOR FINISH:**
CL-WH   CL-SCH   WT-WH   SHZ-WH   W-WH   SHZ-SHZ   MB-WH
**DISC FINISH:**
AL, WH, BZ

**A**= 6-1/2"
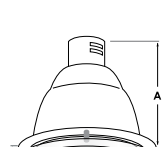**B**= 5-1/2"
**C**= 1"

**EXAMPLE:** LED-4125-CL-WH
**LED-4125** - CENTRAL ETCHED FLOAT GLASS
**REFLECTOR/RING FINISH:**
CL-WH   CL-SCH   WT-WH   SHZ-WH   W-WH   SHZ-SHZ   MB-WH

**A**= 6-1/2"
**B**= 5-1/2"
**C**= 1"

LED
4"

4 INCH ARCHITECTURAL LED OPTICS

**MAXI**LUME