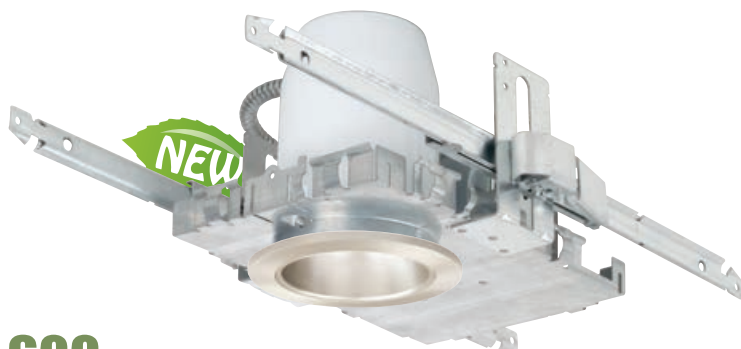


# H-LED2-4-WDM

## 4" ARCHITECTURAL NEW CONSTRUCTION NON-IC LED DOWNLIGHT



**600  
LUMENS**

INPUT VOLT.	INPUT FREQ.	INPUT CUR.	THD	POWER FACTOR	INPUT POWER	LUMENS
120/277	50/60Hz	91mA/40mA	<20%	>0.9	11W(+/-5%)	600

**DESCRIPTION** - 4" LED dedicated Architectural New Construction Non-IC housing with the driver installed on the junction box. Designed for new construction installations and suitable for use in ceilings where insulation is kept 3 inches from housing. The excellent color rendering index of 90+ and realistic color temperature of 3,000 degrees Kelvin confirms that the MAXILUME LED luminaires are ideally suited for use in hospitality, health care, commercial, retail and residential applications. Producing over 600 usable lumens, the lighting is smooth and comfortable while using nearly 80% less energy than the equivalent 50W BR20/PAR20 or MR16 80% less and 50% less than the common 13W CFL. Plus, the eco-friendly Elite LED system features 70% lumen maintenance at 50,000hrs of life.

**FEATURES** - Greater light output than a 50W BR20/PAR20, MR16 80% & 13W CFL 13W CFL. Available in Spot and Flood distribution ideal for task lighting applications.

**DURABILITY** - Our die-cast system pulls the heat from the LED chip, allowing continued cool operation for years. Life tests have shown MAXILUME LED output will be maintained at 70% of initial lumens at 50,000hrs of operation.

**DRIVER** - Our LED driver is rated for 50 to 60 Hz, produces less than 20% THD, has a power factor between 0.90 and 1.00 and is thermally protected for additional safety. MAXILUMES driver is installed on the junction box cover, it is easily accessible for service from below the ceiling. Additionally, a 277V option is available.

**REPEATABLE** - Repeatability means quality. From our chip selection process, to our driver, to the thermal management, MAXILUME LED is engineered for quality. Our superior design allows for installation in construction that requires the MAXILUME Air-Shut™ system. All MAXILUME LED luminaires are rated at 90+ CRI and tested to LM-79 and LM-80 standards by a certified laboratory, and meets the California Title-24 compliance standards.

**DIMMABLE** - The MAXILUME LED system is fully dimmable down to 10% of initial light output with a Triac & Electronic Low Voltage dimmer when ordered with the following options (DIMTR-120). Fixtures can be shipped with a 0-10V (DIM10-MVOLT) or a Lutron Hi-lume series Driver which can be dimmed with Lutron Dimming Systems when ordered with the following options (LUTH-120, LUTH-277). A 277V NON-Dimming option is also available.

**HOUSING** - Die-formed aluminum & galvanized steel for maximum heat dissipation & rust protection. Housing adjusts vertically in plaster frame to accommodate 1/2" to 1-3/8" thick ceiling. Designed for new construction installations & is suitable for use in ceilings where insulation is kept 3" from housing. May be installed in 2" x 6" joist construction.

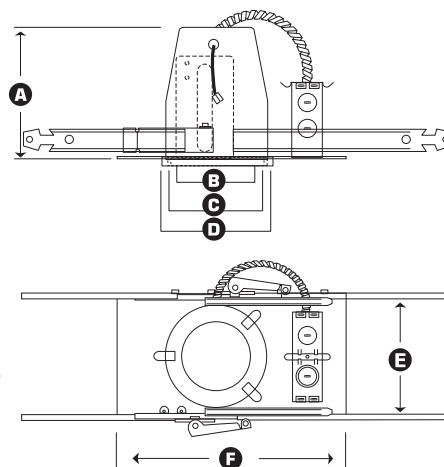
**MOUNTING BRACKET** - Constructed from 16 gauge steel and is supplied with C-channels that are adjustable up to 28". Mounting brackets may be adjusted up to 2-3/4" vertically from inside the housing.

**JUNCTION BOX** - UL Listed for through-branch circuit wiring, provided with four 1/2" knockouts, one 3/4" knockout and four Romex knockouts with integral strain clamps, all knockouts have true pry-out slots. J-box is designed for straight through conduit runs. Driver is installed on the junction box cover so it may be serviced from below the ceiling.

**THERMAL PROTECTION** - Standard thermal protection device guards against improper installation and misuse of insulation material.

**SMART DIM** - Warm Dim with Smart Dim technology mimics traditional incandescent halogen lighting through dimming. Using Warm Dim, luminaires dim smoothly from 3000K to 1800K. Warm Dim shifts smoothly over the black body radiator curve as the light dims you move into the rich amber tones that encourages relaxation. It is ideal for hospitality, architectural as well as residential applications, all while maintaining high lumen output for the most stringent energy codes today's legislation requires. Warm Dim comes paired with high CRI of 90+ and superior lumen output.

**SAME DAY**  
SHIPPING AVAILABLE



- A** Height = 5-1/2"
- B** Trim Aperture = 4"
- C** Cut-out = 4-3/8"
- D** Trim Outside Dia. = 4-7/8"
- E** Width = 5-1/2"
- F** Length = 8"

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

### LISTING

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

### DIMMING INFORMATION

DIMTR (Triac & Electronic Low Voltage Dimming)  
LUTH (Lutron® Hi-lume® Dimming)  
DIM10 (0-10V Dimming)

Example: **H-LED2-4-600L-DIMTR-120-AT/LED2-1401-600L-ND-WDM-30K-18K-W-WH**

HOUSING TYPE	TYPE		600L SERIES				
	H-LED2-4		<input type="checkbox"/> 600L-DIMTR-120 <input type="checkbox"/> 600L-LUTH-120		<input type="checkbox"/> 600L-LUTH-277 <input type="checkbox"/> 600L-DIM10-MVOLT		
TRIM							
	TRIM TYPE	LUMENS	OPTICS	CCT	CRI	FINISH	
<input type="checkbox"/>	<input type="checkbox"/> LED2-1401 (Baffle)	<input type="checkbox"/> 600L	<input type="checkbox"/> ND (Narrow)	<input type="checkbox"/> WDM-30K-18K (Warm Dimming)	<input type="checkbox"/> 90+	<input type="checkbox"/> W-WH	<input type="checkbox"/> P-BK
	<input type="checkbox"/> LED2-1405 (Lensed Baffle)		<input type="checkbox"/> MD (Medium)			<input type="checkbox"/> P-WH	<input type="checkbox"/> CP-CP
	<input type="checkbox"/> LED2-1416 (Wall Wash)		<input type="checkbox"/> MD (Medium)			<input type="checkbox"/> SN-SN	<input type="checkbox"/> BZ-BZ
	<input type="checkbox"/> LED2-1496 (Square Baffle)		<input type="checkbox"/> MD (Medium)				
<input type="checkbox"/>	<input type="checkbox"/> LED2-1402 (Reflector)	<input type="checkbox"/> 600L	<input type="checkbox"/> ND (Narrow)	<input type="checkbox"/> WDM-30K-18K (Warm Dimming)	<input type="checkbox"/> 90+	<input type="checkbox"/> CL-WH	<input type="checkbox"/> CL-CH
	<input type="checkbox"/> LED2-1428 (Lensed Reflector)		<input type="checkbox"/> MD (Medium)			<input type="checkbox"/> W-WH	<input type="checkbox"/> CP-CP
	<input type="checkbox"/> LED2-1407 (Wall Wash)		<input type="checkbox"/> MD (Medium)			<input type="checkbox"/> BZ-BZ	<input type="checkbox"/> SN-SN
						<input type="checkbox"/> RG-WH	<input type="checkbox"/> CL-SN
<input type="checkbox"/>	<input type="checkbox"/> LED2-1462 <input type="checkbox"/> LED2-1437 (Shower Trim)	<input type="checkbox"/> 600L	<input type="checkbox"/> MD (Medium)	<input type="checkbox"/> WDM-30K-18K (Warm Dimming)	<input type="checkbox"/> 90+	<input type="checkbox"/> CL-CP	<input type="checkbox"/> CL-SN
<input type="checkbox"/>	<input type="checkbox"/> LED2-1406 (Adjustable)	<input type="checkbox"/> 600L	<input type="checkbox"/> ND (Narrow) <input type="checkbox"/> MD (Medium) <input type="checkbox"/> WD (Wide)		<input type="checkbox"/> 90+	<input type="checkbox"/> CP	<input type="checkbox"/> SN
<input type="checkbox"/>	<input type="checkbox"/> LED2-1414 (Pinhole)	<input type="checkbox"/> 600L	<input type="checkbox"/> ND (Narrow)	<input type="checkbox"/> WDM-30K-18K (Warm Dimming)	<input type="checkbox"/> 90+	<input type="checkbox"/> WH	
<input type="checkbox"/>	<input type="checkbox"/> LED2-1403 (Slot Aperture)	<input type="checkbox"/> 600L					

**MAXILUME**

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ISSUE 18E30 Rev. 0.1

LED

4"

4 INCH ARCHITECTURAL NON-IC LED DOWNLIGHT

## BAFFLE WITH NARROW LIGHT DISTRIBUTION

LED2-1401-600L-ND-A-W-WH

Photometric Multiplier 1.0

LED2-1401-600L-ND-A-P-WH

Photometric Multiplier .75

LED2-1401-600L-ND-A-SN-SN

Photometric Multiplier .92

LED2-1401-600L-ND-A-CP-CP

Photometric Multiplier .87

LED2-1401-600L-ND-A-P-BK

Photometric Multiplier .75

LED2-1401-600L-ND-A-BZ-BZ

Photometric Multiplier .85

Example: LED2-1401-600L-ND-30K-W-WH

TYPE (BAFFLE)	SERIES	OPTICS	(A) CCT	CRI	FINISH
LED2-1401	<input type="checkbox"/> 600L	<input type="checkbox"/> ND (Narrow)	<input type="checkbox"/> WDM-30K-18K (Warm Dimming)	<input type="checkbox"/> 90+	<input type="checkbox"/> W-WH <input type="checkbox"/> CP-CP <input type="checkbox"/> P-WH <input type="checkbox"/> BZ-BZ <input type="checkbox"/> SN-SN <input type="checkbox"/> P-BK

## LENSED BAFFLE WITH MEDIUM LIGHT DISTRIBUTION

LED2-1405-600L-MD-A-W-WH

Photometric Multiplier 1.0

LED2-1405-600L-MD-A-P-WH

Photometric Multiplier .75

LED2-1405-600L-MD-A-SN-SN

Photometric Multiplier .92

LED2-1405-600L-MD-A-CP-CP

Photometric Multiplier .87


LED2-1405-600L-MD-A-P-BK

Photometric Multiplier .75

LED2-1405-600L-MD-A-BZ-BZ

Photometric Multiplier .85

Example: LED2-1405-600L-MD-30K-W-WH

TYPE (LENSED BAFFLE)	SERIES	OPTICS	(A) CCT	CRI	FINISH
LED2-1405 	<input type="checkbox"/> 600L	<input type="checkbox"/> MD (Medium)	<input type="checkbox"/> WDM-30K-18K (Warm Dimming)	<input type="checkbox"/> 90+	<input type="checkbox"/> W-WH <input type="checkbox"/> CP-CP <input type="checkbox"/> P-WH <input type="checkbox"/> BZ-BZ <input type="checkbox"/> SN-SN <input type="checkbox"/> P-BK

## BAFFLE FINISH:

BZ  
BRONZECP  
COPPERWH  
WHITEP  
BLACKSN  
SATIN NICKEL

## TRIM/RING FINISH:

BK  
BLACKWH  
WHITECH  
CHROMECP  
COPPERBZ  
BRONZEPB  
POLISH BRASSSN  
SATIN NICKEL

## REFLECTOR WITH NARROW LIGHT DISTRIBUTION

LED2-1402-600L-ND-A-CL-WH

Photometric Multiplier 1.0

LED2-1402-600L-ND-A-BZ-BZ

Photometric Multiplier .87

LED2-1402-600L-ND-A-W-WH

Photometric Multiplier .95

LED2-1402-600L-ND-A-CL-CH

Photometric Multiplier 1.0

LED2-1402-600L-ND-A-CP-CP

Photometric Multiplier .90

LED2-1402-600L-ND-A-SN-SN

Photometric Multiplier .87

LED2-1402-600L-ND-A-CL-SN

Photometric Multiplier 1.0

LED2-1402-600L-ND-A-RG-WH

Photometric Multiplier .90

LED2-1402-600L-ND-A-MB-WH

Photometric Multiplier .77

LED2-1402-600L-ND-A-MB-BK

Photometric Multiplier .77

LED

4"

4 INCH ARCHITECTURAL LED OPTICS

Example: LED2-1402-600L-ND-30K-W-WH

TYPE (REFLECTOR)	SERIES	OPTICS	(A) CCT	CRI	FINISH
LED2-1402	<input type="checkbox"/> 600L	<input type="checkbox"/> ND (Narrow)	<input type="checkbox"/> WDM-30K-18K (Warm Dimming)	<input type="checkbox"/> 90+	<input type="checkbox"/> CP-WH <input type="checkbox"/> MB-WH <input type="checkbox"/> MB-BK <input type="checkbox"/> CL-CH <input type="checkbox"/> W-WH <input type="checkbox"/> CP-CP <input type="checkbox"/> BZ-BZ <input type="checkbox"/> CL-SN <input type="checkbox"/> RG-WH <input type="checkbox"/> SN-SN

## LENSED REFLECTOR WITH MEDIUM LIGHT DISTRIBUTION

LED2-1428-600L-MD-A-CL-WH



Photometric Multiplier 1.0

LED2-1428-600L-MD-A-BZ-BZ



Photometric Multiplier .87

LED2-1428-600L-MD-A-W-WH



Photometric Multiplier .95

LED2-1428-600L-MD-A-CL-CH



Photometric Multiplier 1.0

LED2-1428-600L-MD-A-CP-CP



Photometric Multiplier .90

LED2-1428-600L-MD-A-SN-SN



Photometric Multiplier .87

LED2-1428-600L-MD-A-CL-SN



Photometric Multiplier 1.0

LED2-1428-600L-MD-A-RG-WH



Photometric Multiplier .90

LED2-1428-600L-MD-A-MB-WH




Photometric Multiplier .77

LED2-1428-600L-MD-A-MB-BK



Photometric Multiplier .77

Example: LED2-1428-600L-MD-30K-W-WH

TYPE (LENSED REFLECTOR)	SERIES	OPTICS	(A) CCT	CRI	FINISH
LED2-1428 	<input type="checkbox"/> 600L	<input type="checkbox"/> MD (Medium)	<input type="checkbox"/> WDM-30K-18K (Warm Dimming)	<input type="checkbox"/> 90+	<input type="checkbox"/> CP-WH <input type="checkbox"/> MB-WH <input type="checkbox"/> MB-BK <input type="checkbox"/> CL-CH <input type="checkbox"/> W-WH <input type="checkbox"/> CP-CP <input type="checkbox"/> BZ-BZ <input type="checkbox"/> CL-SN <input type="checkbox"/> RG-WH <input type="checkbox"/> SN-SN

## PINHOLE WITH NARROW LIGHT DISTRIBUTION

LED2-1414-600L-ND- (A) -WH

Example: LED2-1414-600L-ND-30K-WH

TYPE	SERIES	OPTICS	(A) CCT	CRI	FINISH
LED2-1414 (PINHOLE)	<input type="checkbox"/> 600L	<input type="checkbox"/> ND (Narrow)	<input type="checkbox"/> WDM-30K-18K (Warm Dimming)	<input type="checkbox"/> 90+	<input type="checkbox"/> WH

## ONE PIECE SLOT APERTURE

LED2-1403-600L- (A) -WH

Example: LED2-1403-600L-30K-WH

TYPE	SERIES	(A) CCT	CRI	FINISH
LED2-1403 (ONE PIECE SLOT APERTURE)	<input type="checkbox"/> 600L	<input type="checkbox"/> WDM-30K-18K (Warm Dimming)	<input type="checkbox"/> 90+	<input type="checkbox"/> WH

## SMOOTH FROST SHOWER LITE WITH MEDIUM LIGHT DISTRIBUTION

LED2-1437-600L-MD- (A) - (B)FOR  
WET  
LOCATION

Example: LED2-1437-600L-MD-30K-CH

TYPE	SERIES	OPTICS	(A) CCT	CRI	(B) FINISH
LED2-1437 (SMOOTH FROST SHOWER LITE)	<input type="checkbox"/> 600L	<input type="checkbox"/> MD (Medium)	<input type="checkbox"/> WDM-30K-18K (Warm Dimming)	<input type="checkbox"/> 90+	<input type="checkbox"/> BZ <input type="checkbox"/> CH <input type="checkbox"/> WH <input type="checkbox"/> BK <input type="checkbox"/> CP <input type="checkbox"/> SN

## SEMI-FROSTED SHOWER TRIM WITH MEDIUM LIGHT DISTRIBUTION

LED2-1462-600L-MD- (A) - (B)FOR  
WET  
LOCATION

Example: LED2-1462-600L-MD-30K-CL-WH

TYPE	SERIES	OPTICS	(A) CCT	CRI	(B) FINISH
LED2-1462 (SEMI-FROSTED SHOWER TRIM)	<input type="checkbox"/> 600L	<input type="checkbox"/> MD (Medium)	<input type="checkbox"/> WDM-30K-18K (Warm Dimming)	<input type="checkbox"/> 90+	<input type="checkbox"/> CL-BZ <input type="checkbox"/> CL-WH <input type="checkbox"/> CL-CP <input type="checkbox"/> CL-CH <input type="checkbox"/> CL-BK <input type="checkbox"/> CL-SN

## BAFFLE WALL WASH WITH MEDIUM LIGHT DISTRIBUTION

LED2-1416-600L-MD- (A) - (B)

NEW

Example: LED2-1416-600L-MD-30K-W-W-WH

TYPE	SERIES	OPTICS	(A) CCT	CRI	(B) FINISH
LED2-1416 (BAFFLE WALL WASH)	<input type="checkbox"/> 600L	<input type="checkbox"/> MD (Medium)	<input type="checkbox"/> WDM-30K-18K (Warm Dimming)	<input type="checkbox"/> 90+	<input type="checkbox"/> W-W-WH <input type="checkbox"/> CP-CP-WH <input type="checkbox"/> P-W-WH <input type="checkbox"/> BZ-BZ-WH <input type="checkbox"/> SN-SN-WH <input type="checkbox"/> P-BK-WH

## REFLECTOR WALL WASH WITH MEDIUM LIGHT DISTRIBUTION

LED2-1407-600L-MD- (A) - (B)

NEW

Example: LED2-1407-600L-MD-30K-W-W-WH

TYPE	SERIES	OPTICS	(A) CCT	CRI	(B) FINISH
LED2-1407 (REFLECTOR WALL WASH)	<input type="checkbox"/> 600L	<input type="checkbox"/> MD (Medium)	<input type="checkbox"/> WDM-30K-18K (Warm Dimming)	<input type="checkbox"/> 90+	<input type="checkbox"/> CP-W-WH <input type="checkbox"/> BZ-BZ-WH <input type="checkbox"/> MB-BK-WH <input type="checkbox"/> W-W-WH <input type="checkbox"/> RG-W-WH <input type="checkbox"/> MB-W-WH <input type="checkbox"/> RG-PB-WH <input type="checkbox"/> CL-CH-WH <input type="checkbox"/> CP-CP-WH <input type="checkbox"/> SN-SN-WH <input type="checkbox"/> CL-SN-WH

LED

4"

4 INCH ARCHITECTURAL LED OPTICS

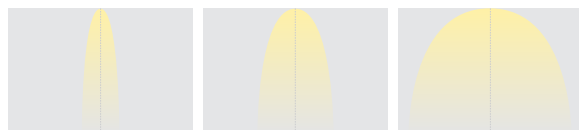


## SURFACE ADJUSTABLE (90° TILT, 359° ROTATION)



### Description:

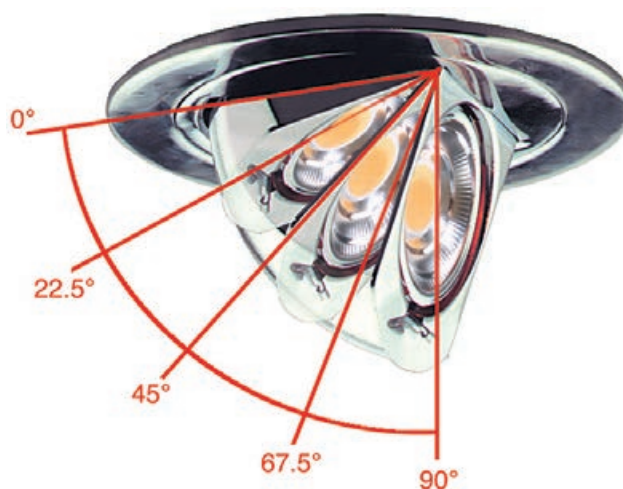
- Fixture adjusts 90° and rotates 359°.
- All die-cast construction is for functional and aesthetic use
- Can be used to accentuate an artwork or a particular object



ND: Narrow Distribution

MD: Medium Distribution

WD: Wide Distribution



LED2-1406-600L-A - B -BK



LED2-1406-600L-A - B -SN



LED2-1406-600L-A - B -CH



LED2-1406-600L-A - B -CP



LED2-1406-600L-A - B -BZ



LED2-1406-600L-A - B -WH

Example: LED2-1406-600L-ND-30K-WH

TYPE	600L SERIES	(A) OPTICS	(B) CCT	CRI	FINISH
LED2-1406 (ADJUSTABLE)	<input type="checkbox"/> 600L	<input type="checkbox"/> ND 25° <input type="checkbox"/> MD 36° <input type="checkbox"/> WD 60°	<input type="checkbox"/> WDM-30K-18K (Warm Dimming)	<input type="checkbox"/> 90+	<input type="checkbox"/> BK <input type="checkbox"/> SN <input type="checkbox"/> CH <input type="checkbox"/> CP <input type="checkbox"/> BZ <input type="checkbox"/> WH

## SQUARE BAFFLE W/ SQUARE TRIM RING

Example: LED2-1496-600L-MD-30K-WH

TYPE	600L SERIES	OPTICS	CCT	CRI	FINISH
LED2-1496 (SQUARE BAFFLE)	<input type="checkbox"/> 600L	<input type="checkbox"/> MD (Medium)	<input type="checkbox"/> WDM-30K-18K (Warm Dimming)	<input type="checkbox"/> 90+	<input type="checkbox"/> W-WH <input type="checkbox"/> P-WH <input type="checkbox"/> P-BK <input type="checkbox"/> CP-CP <input type="checkbox"/> SN-SN <input type="checkbox"/> BZ-BZ

