HVJ7-LED 7" ARCHITECTURAL LED RETROFIT DOWNLIGHT

MAXÍLUME

NEW

1500 LUMENS

- **A** Height = 9"
- **B** Trim Aperture = 7"
- **C** Cut-out = 7-5/8"
- **D** Trim Outside Dia. = 8-3/8"
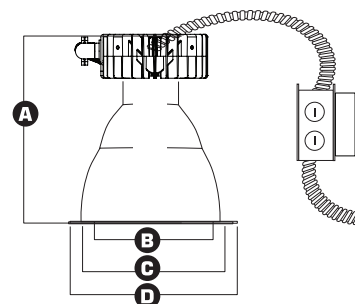
INPUT VOLT.	INPUT FREQ.	INPUT CUR.	INPUT POWER	THD	POWER FACTOR	LUMENS
120/277	50/60Hz	283mA/123mA	34W(+/-5%)	<20%	>0.9	1500
120/277	50/60Hz	180mA/76mA	21W(+/-5%)	<20%	>0.9	1100
120/277	50/60Hz	133mA/57mA	16W(+/-5%)	<20%	>0.9	800

DESCRIPTION - 7" LED dedicated Architectural Retrofit Downlight with integral LED heat management casting and driver. Available in 800 lumens (16W), 1100 lumens (21W) & 1500 lumens (34W). Lighting is smooth and comfortable while using 25% less energy than the common 26W & 32W CFL downlight. Plus the eco-friendly Maxilume LED system features 70% lumen maintenance at 50,000 hours life, with Energy Star and California Title-24 (compliances pending). Designed to install into an existing downlights mounting frame and convert them into energy efficient LED downlights to save anywhere from 35% up to 75% on energy cost. Fits all downlights with 6-3/4" aperture. Custom size and aperture, LED retrofit and reflectors are available, please consult factory for further details.

FEATURES - Greater light output than a 26W & 32W CFL while consuming less than 16W to 34W of power. Maxilume LED luminaires are ideally suited for use in hospitality, health care, commercial, institutions, retail and other architectural applications.

PROUDLY ASSEMBLED in AMERICA · c UL us LISTED · Title 24 · ENERGY STAR PENDING

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 lumens (16W), 1100 lumens (21W) & 1500 lumens (34W).

PERFORMANCE - Operating system delivers 800 lumens (16W), 1100 lumens (21W) & 1500 lumens (34W) with a 4100K color temperature. All MAXILUME LED luminaries are rated at 80+ CRI. All LED luminaries 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 50,000 hours of operation.

DIMMABLE - The MAXILUME LED system is fully dimmable down to 10% of initial light output with a 0-10 Volt dimmer when ordered with the following options (DIM10-120, DIM10-277). Fixtures can 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). Triac & Electronic Low Voltage dimming driver also available when ordered with the following options (DIMTR-120). Consult Factory for details.

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 ½" knockouts, one ¾" knockout and four Romex knockouts with true pryout slots and strain clamps. Designed for straight through conduit runs.

MOUNTING - Our retrofit is designed to install into an existing downlights mounting frame and convert them into energy efficient LED downlights. Flex is designed to attach into existing junction box.

OUR WORD - The MAXILUME LED lighting system is warranted for 3 years. As a system, we stand behind the entire MAXILUME product.

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)
DIM10 (0-10V Dimming)
LUTH (Lutron® Hi-lume® Dimming)

Example: **HVJ7-LED-21W-DIM10-120-FL-30K-LED-7101-CL-WH**

| TYPE	800 LUMENS	1100 LUMENS	1500 LUMENS	OPTICS	COLOR	EMERGENCY	TRIM TYPE		REFLECTOR/ RING FINISH		DISC
HVJ7-LED	❏ 16W-DIMTR-120	❏ 21W-LUTH-120	❏ 34W-LUTH-120	❏ FL	❏ 30K	❏ EMG-LED	❏ LED-7101	❏ LED-7112	❏ CL-WH	❏ W-WH	❏ BLUE
	❏ 16W-LUTH-120	❏ 21W-LUTH-277	❏ 34W-LUTH-277		❏ 35K		❏ LED-7102	❏ LED-7113	❏ CL-SCH	❏ MB-WH	❏ RED
	❏ 16W-LUTH-277	❏ 21W-DIM10-120	❏ 34W-DIM10-120		❏ 41K		❏ LED-7107	❏ LED-7114	❏ SHZ-SHZ	❏ WT-WH	❏ GREEN
	❏ 16W-DIM10-120	❏ 21W-DIM10-277	❏ 34W-DIM10-277				❏ LED-7109	❏ LED-7115	❏ SHZ-WH		❏ FROST
	❏ 16W-DIM10-277						❏ LED-7110	❏ LED-7125			❏ AL
							❏ LED-7128				❏ BZ
											❏ WH

EXAMPLE: LED-7101-CL-WH
LED-7101 - REFLECTOR
REFLECTOR/ RING FINISH:
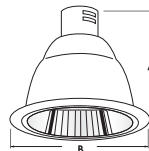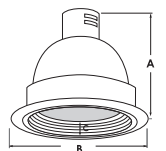CL-WH   CL-SCH   WT-WH   SHZ-WH   W-WH   SHZ-SHZ   MB-WH
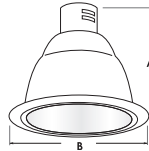
A= 7-7/8''
B= 8-3/8''

EXAMPLE: LED-7102-CL-WH
LED-7102 - BAFFLE W/ REFLECTOR
BAFFLE/ RING FINISH:
W-CL-WH   P-CL-WH
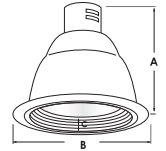
A= 7-7/8''
B= 8-3/8''
C= 1''

EXAMPLE: LED-7107-CL-WH
LED-7107 - WALL WASH REFLECTOR
REFLECTOR/ RING FINISH:
CL-WH   CL-SCH   WT-WH   SHZ-WH   W-WH   SHZ-SHZ   MB-WH

A= 7-7/8''
B= 8-3/8''

EXAMPLE: LED-7112-CL-WH
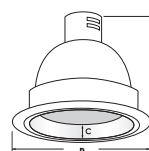**LED-7112** - BAFFLE W/ FROSTED GLASS LENS
BAFFLE/ RING FINISH:
W-WH   P-WH

FOR WET LOCATION
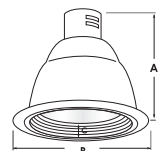
A= 7-7/8''
B= 8-3/8''
C= 1''

EXAMPLE: LED-7114-CL-WH
LED-7114 - 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= 7-7/8''
B= 8-3/8''
C= 1''

EXAMPLE: LED-7113-CL-WH
LED-7113 - BAFFLE W/ TEMPERED CLEAR GLASS
BAFFLE/ RING FINISH:
W-WH   P-WH

FOR WET LOCATION

A= 7-7/8''
B= 8-3/8''
C= 1''

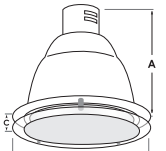**EXAMPLE:** LED-7115-CL-WH
LED-7115 - REFLECTOR W/ TEMPERED CLEAR GLASS
REFLECTOR/ RING FINISH:
CL-WH   CL-SCH   WT-WH   SHZ-WH   W-WH   SHZ-SHZ   MB-WH
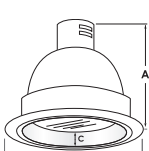
FOR WET LOCATION

A= 7-7/8''
B= 8-3/8''
C= 1''

EXAMPLE: LED-7125-CL-WH
LED-7125 - CENTRAL ETCHED FLOAT GLASS
REFLECTOR/ RING FINISH:
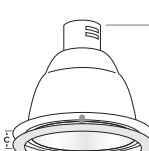CL-WH   CL-SCH   WT-WH   SHZ-WH   W-WH   SHZ-SHZ   MB-WH

A= 7-7/8''
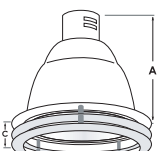**B**= 8-3/8''
C= 1-1/4''

EXAMPLE: LED-7109-CL-WH
LED-7109 - 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= 7-7/8''
B= 8-3/8''
C= 1-1/4''

EXAMPLE: LED-7110-CL-WH
LED-7110 - DOUBLE RING GLASS
REFLECTOR/ RING FINISH:
CL-WH   CL-SCH   WT-WH   SHZ-WH   W-WH   SHZ-SHZ   MB-WH
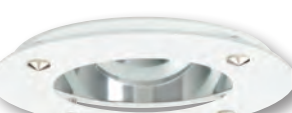**GLASS FINISH:**
BLUE, RED, GREEN, FROST

A= 7-7/8''
B= 8-3/8''
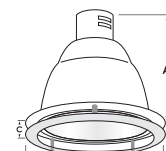**C**= 1-1/2''

EXAMPLE: LED-7128-CL-WH-AL
LED-7128 - 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

ALUMINIUM DISC

LED-7128-CL-W-WH

LED-7128-CL-WH-BZ

A= 7-7/8''
B= 8-3/8''
C= 1-1/4''

7 INCH

ARCHITECTURAL LED DOWNLIGHT OPTICS