

MGJ6-LED 6" ARCHITECTURAL HIGH LUMEN LED RETROFIT DOWNLIGHT



SAME DAY
SHIPPING AVAILABLE

3000
LUMENS

Height = 7-7/16"
Trim Aperture = 6"
Cut-out = 6-1/2"
Trim Outside Dia. = 7-1/8"

INPUT VOLT.	INPUT FREQ.	THD	POWER FACTOR	LUMENS
120/277	50/60Hz	<20%	>0.9	3000
120/277	50/60Hz	<20%	>0.9	2000
120/277	50/60Hz	<20%	>0.9	1200
120/277	50/60Hz	<20%	>0.9	900

DESCRIPTION - 6" LED dedicated Architectural Retrofit Downlight utilizing GE Infusion™ LED Module with integral LED heat management casting and driver (installed on junction box). Eco-friendly MAXILUME LED system is Energy Star and California Title 24 compliant and features light output maintained at 70% of initial at 50,000hrs of operation. Our lighting adds comfort to any environment while using 50% less energy than the common CFL downlight. It keeps the cost of ownership lowest in the long term when taking advantage of the socketable design. Zhaga compliance makes the Infusion™ module a quick and easy upgrading system. Infusion™ LED modules are perfect modular optic solutions for ambient lighting, accent lighting and any application in-between.

FEATURES - The GE Infusion™ LED Downlight Module (DLM) System offers a wide array of features including; Zhaga Compliance, High color rendering up to 90+CRI, color stabilization within 2 MacAdam ellipses, three ideal color temperature options, tool free upgrading, and an industry best variety of beam angle options from 10° to 60° for accent and ambient lighting applications, plus much more.



OPTICS - All Infusion™ LED modules are Zhaga compliant and are available with a range of GE optics that deliver precise, smooth beam control. The optics feature a twist-lock interface for easy, tool-free attachment to the Infusion module. Optics are available from 10° to 60° and are ideal for any application across the board from accent lighting to ambient lighting with beam intensity equal to a 35W AR111 HID with up to 50% less energy. MAXILUME LED Optilux technology combines with the Infusion™ to create unmatched optical performance which is visually comforting.

PERFORMANCE - Operating system delivers 900, 1200, 2000 & 3000 lumens with 90+ CRI and consistent white light within 2 MacAdams ellipses. Also available in three standard color options 2700K, 3000K, and 4000K. LED Cool Beam technology gives the added benefit of no heating of illuminated products. Color point stabilizes by 1000 hours and is maintained within 2 MacAdam ellipses. Our stringent chip specifications require only those ships that produce no ultra violet and virtually no infrared light. Guaranteed lumen maintenance of 70% at 50,000hrs and tested to LM-79 and LM-80 standards by an independent laboratory.

THERMAL MANAGEMENT SYSTEM - Using a proprietary coolLED 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 reflector. The LED light engine is attached to the die-cast heat sink and is easily replaceable and upgradable. Our die-cast system pulls the heat from the LED chip, allowing continued cool operation for years. 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 fully dimmable down to 1% 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). There is no audible noise while dimming. 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 1/2" knockouts, one 3/4" 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 carries a five-year carefree warranty for parts and components. (Labor not included.)

LISTING

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

DIMMING INFORMATION

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

IEC Standards

- IEC62471: Photobiological safety of lamps and lamp systems
- IEC62031: LED modules for general lighting – safety specification

Example: MGJ6-LED-2000L-DIM10-120-MD-30K-MG6-6501-CL-WH

TYPE	900 SERIES	1200 SERIES	2000 SERIES	OPTICS	CCT	EMERGENCY	TRIM TYPE	REFLECTOR/ RING FINISH	DISC	
MGJ6-LED	<input type="checkbox"/> 900L-LUTH-120 <input type="checkbox"/> 900L-LUTH-277 <input type="checkbox"/> 900L-DIM10-120 <input type="checkbox"/> 900L-DIM10-277 3000 SERIES <input type="checkbox"/> 3000L-LUTH-120 <input type="checkbox"/> 3000L-LUTH-277 <input type="checkbox"/> 3000L-DIM10-120 <input type="checkbox"/> 3000L-DIM10-277	<input type="checkbox"/> 1200L-LUTH-120 <input type="checkbox"/> 1200L-LUTH-277 <input type="checkbox"/> 1200L-DIM10-120 <input type="checkbox"/> 1200L-DIM10-277	<input type="checkbox"/> 2000L-LUTH-120 <input type="checkbox"/> 2000L-LUTH-277 <input type="checkbox"/> 2000L-DIM10-120 <input type="checkbox"/> 2000L-DIM10-277	<input type="checkbox"/> NS (10°-12°) <input type="checkbox"/> FL (20°-30°) <input type="checkbox"/> WFL (30°-40°) <input type="checkbox"/> WVFL (50°-60°)	<input type="checkbox"/> 27K <input type="checkbox"/> 30K <input type="checkbox"/> 40K	<input type="checkbox"/> EMG-LED	<input type="checkbox"/> MG6-6501 <input type="checkbox"/> MG6-6507 <input type="checkbox"/> MG6-6509 <input type="checkbox"/> MG6-6510 <input type="checkbox"/> MG6-6511 <input type="checkbox"/> MG6-6521	<input type="checkbox"/> MG6-6522 <input type="checkbox"/> MG6-6523 <input type="checkbox"/> MG6-6525 <input type="checkbox"/> MG6-6528 <input type="checkbox"/> MG6-6577	<input type="checkbox"/> CL-WH <input type="checkbox"/> CL-SCH <input type="checkbox"/> SHZ-SHZ <input type="checkbox"/> SHZ-WH <input type="checkbox"/> W-WH <input type="checkbox"/> MB-WH <input type="checkbox"/> WT-WH	<input type="checkbox"/> BLUE <input type="checkbox"/> RED <input type="checkbox"/> GREEN <input type="checkbox"/> FROST <input type="checkbox"/> AL <input type="checkbox"/> BZ <input type="checkbox"/> WH

LED

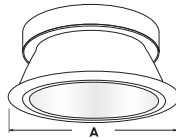
6"

6 INCH ARCHITECTURAL HIGH LUMEN LED DOWNLIGHT W/ GE INFUSION MODULE

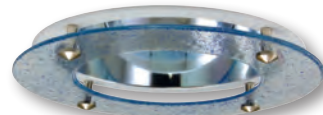


FOR
WET
LOCATION

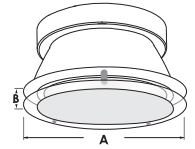
EXAMPLE: MG6-6501-CL-WH
MG6-6501 - REFLECTOR WITH DIFFUSE LENS
REFLECTOR/ RING FINISH:
 CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH



A = 7-1/4"



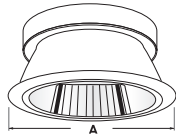
EXAMPLE: MG6-6521-CL-WH
MG6-6521 - STARDUST DECO RING GLASS WITH DIFFUSE LENS
REFLECTOR/ RING FINISH:
 CL-WH CL-SCH WT-WH SHZ-WH WH-WH SHZ-SHZ MB-WH



A = 7-1/4"
B = 1"



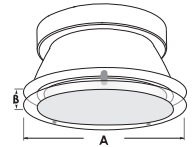
EXAMPLE: MG6-6507-CL-WH
MG6-6507 - WALL WASH REFLECTOR WITH DIFFUSE LENS
REFLECTOR/ RING FINISH:
 CL-WH CL-SCH WT-WH SHZ-WH WH-WH SHZ-SHZ MB-WH



A = 7-1/4"



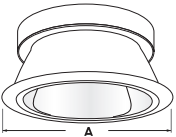
EXAMPLE: MG6-6523-CL-WH
MG6-6523 - PRISM DECO RING GLASS WITH DIFFUSE LENS
REFLECTOR/ RING FINISH:
 CL-WH CL-SCH WT-WH SHZ-WH WH-WH SHZ-SHZ MB-WH



A = 7-1/4"
B = 1"



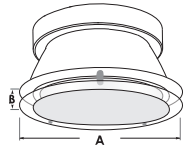
EXAMPLE: MG6-8577-CL-WH
MG6-8577 - DOUBLE WALL WASH REFLECTOR WITH DIFFUSE LENS
REFLECTOR/ RING FINISH:
 CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH



A = 7-1/4"



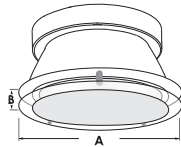
EXAMPLE: MG6-8522-CL-WH
MG6-8522 - EURO DECO RING GLASS WITH DIFFUSE LENS
REFLECTOR/ RING FINISH:
 CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH



A = 7-1/4"
B = 1"



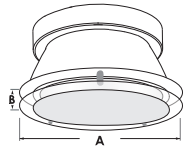
EXAMPLE: MG6-6509-CL-WH
MG6-6509 - DECO GLASS REFLECTOR WITH DIFFUSE LENS
REFLECTOR/ RING FINISH:
 CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH
GLASS FINISH:
 BLUE, RED, GREEN, FROST



A = 7-1/4"
B = 1"



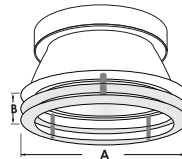
EXAMPLE: MG6-6525-CL-WH
MG6-6525 - CENTRAL ETCHED FLOAT GLASS WITH DIFFUSE LENS
REFLECTOR/ RING FINISH:
 CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH



A = 7-1/4"
B = 1"



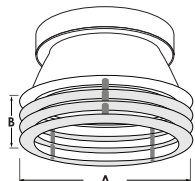
EXAMPLE: MG6-6510-CL-WH
MG6-6510 - DOUBLE RING GLASS WITH DIFFUSE LENS
REFLECTOR/ RING FINISH:
 CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH
GLASS FINISH:
 BLUE, RED, GREEN, FROST



A = 7-1/4"
B = 1-7/8"



EXAMPLE: MG6-6511-CL-WH
MG6-6511 - TRIPLE RING GLASS WITH DIFFUSE LENS
REFLECTOR/ RING FINISH:
 CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH
GLASS FINISH:
 BLUE, RED, GREEN, FROST



A = 7-1/4"
B = 2-3/4"

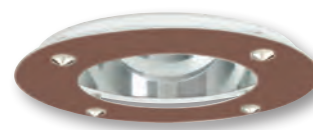


ALUMINIUM DISC

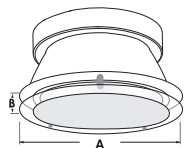
EXAMPLE: MG6-6528-CL-WH-AL
MG6-6528 - REFLECTOR WITH ALUMINIUM DISC AND DIFFUSE LENS
REFLECTOR FINISH:
 CL-WH CL-SCH WT-WH SHZ-WH W-WH SHZ-SHZ MB-WH
DISC FINISH:
 AL, WH, BZ



MG6-6528-CL-W-WH



MG6-6528-CL-WH-BZ



A = 7-1/4"
B = 1"