GE
Lighting

Infusion™ LED Module

GE's new Infusion™ LED Module finally gives Lighting Designers and end users the FLEXIBILITY they want in their LED lighting solutions...easily upgradeable and replaceable LED light fixtures.

Future Proof

If your needs change or LED technology advances, there is no need to buy new fixtures. Simply twist in the latest GE Infusion™ LED Module.

Environmentally Preferable

The GE Infusion™ LED Module uses fewer materials than integral LED fixtures. Only the GE Infusion™ LED Module is replaced at the end of lamp life - not the entire light fixture.

Adjustable

Select the light levels or energy consumption that meets your needs with a flip of a switch. The GE Infusion™ LED Module can dim just like an incandescent or halogen lamp.

Compatible

Ideal for fixture manufacturers who can design track, recessed can and gimbal ring fixtures around one compatible solution. No need for multiple base designs.

Financially Sound

Save $20 a year in energy costs.*

* Comparing the GE Infusion™ LED Module set at 9 watts to a 50 watt R20 at $0.10 per kWh, assuming 4500 annual operating hours.

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Infusion™
LED Module

Product Code	Description		Voltage	CRI	CBCP	CCT	Beam Angle	Lumens	Efficacy
BLACK – 9 Watt									
78826	M10W07D/827/15B	Warm White LED Spot Module	24VAC	80	2778	2700K	15°	340	38
78827	M10W07D/827/25B	Warm White LED Narrow Flood Module	24VAC	80	1533	2700K	25°	332	37
78828	M10W07D/827/36B	Warm White LED Flood Module	24VAC	80	610	2700K	36°	300	33
78829	M10W07D/830/15B	Warm White LED Spot Module	24VAC	80	3321	3000K	15°	400	44
78830	M10W07D/830/25B	Warm White LED Narrow Flood Module	24VAC	80	1741	3000K	25°	380	42
78831	M10W07D/830/36B	Warm White LED Flood Module	24VAC	80	711	3000K	36°	345	38
78832	M10W07D/840/15B	Neutral White LED Spot Module	24VAC	80	3741	4000K	15°	440	49
78833	M10W07D/840/25B	Neutral White LED Narrow Flood Module	24VAC	80	1917	4000K	25°	420	47
78834	M10W07D/840/36B	Neutral White LED Flood Module	24VAC	80	799	4000K	36°	388	43

Product Code	Description		Voltage	CRI	CBCP	CCT	Beam Angle	Lumens	Efficacy
WHITE – 9 Watt									
61471	M10W07D/827/15W	Warm White LED Spot Module	24VAC	80	2778	2700K	15°	340	38
61472	M10W07D/827/25W	Warm White LED Narrow Flood Module	24VAC	80	1533	2700K	25°	332	37
61473	M10W07D/827/36W	Warm White LED Flood Module	24VAC	80	610	2700K	36°	300	33
61474	M10W07D/830/15W	Warm White LED Spot Module	24VAC	80	3321	3000K	15°	400	44
61475	M10W07D/830/25W	Warm White LED Narrow Flood Module	24VAC	80	1741	3000K	25°	380	42
61476	M10W07D/830/36W	Warm White LED Flood Module	24VAC	80	711	3000K	36°	345	38
61477	M10W07D/840/15W	Neutral White LED Spot Module	24VAC	80	3741	4000K	15°	440	49
61478	M10W07D/840/25W	Neutral White LED Narrow Flood Module	24VAC	80	1917	4000K	25°	420	47
61479	M10W07D/840/36W	Neutral White LED Flood Module	24VAC	80	799	4000K	36°	388	43

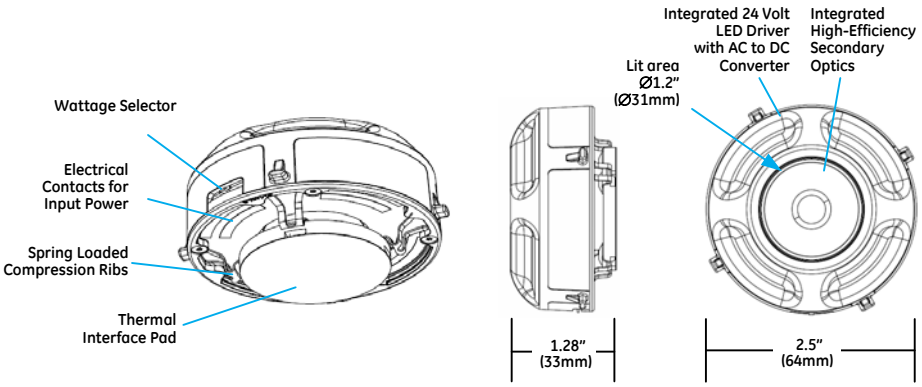
Product Code	Description		Voltage Input	Voltage Output
Accessories				
61450	MACC07HOLDERW	LED Module Holder (White)	24VAC	
78835	MACC07HOLDERB	LED Module Holder (Black)	24VAC	
78836	GE040/G/V24D0-M	10 Watt Magnetic Transformer (Universal)	120V/240V	24VAC

Description
The new GE Infusion™ LED Module is the industry's first consumer-grade field replaceable LED Module, giving end users the ability to upgrade or replace the LED module as LED technology advances. Additionally, when the LED module reaches the end of its usable life, it can be replaced in a lower cost manner than replacing the entire light fixture. With a simple clockwise twist, the GE Infusion™ LED Module connects to the light fixture housing electrically AND thermally. Once installed, the GE Infusion™ LED Module effectively transfers heat from the LED directly into the light fixture housing via GE's Infusion™ LED Module Technology.

Wattage Selector
The lamp wattage can be adjusted by the end user with GE's Infusion™ LED Module feature. This feature is controlled by a small 3-position dip switch on the side of the unit. Preset wattages are 6, 8 and 10 Watts.

LED
High Power Multi-Chip LED Package / up to 80 CRI

UL Listing
E325062



For additional product and application information, please consult GE's Website: www.gelighting.com/infusion

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Infusion™ LED Module

LED Module 24 VAC Input Installation Instructions

BEFORE YOU BEGIN

Read these instructions completely and carefully.

⚠ WARNING

Risk of electrical shock. Disconnect power before servicing or installing product.

A. Use this unit only in the manner intended by the manufacturer. If you have any questions, contact the manufacturer.

B. Before servicing or cleaning unit, switch power off at the service panel and follow appropriate lock out / tag out safety procedures.

FOR YOUR SAFETY

Read and observe all CAUTIONS and WARNINGS shown throughout these instructions.

⚠ WARNING

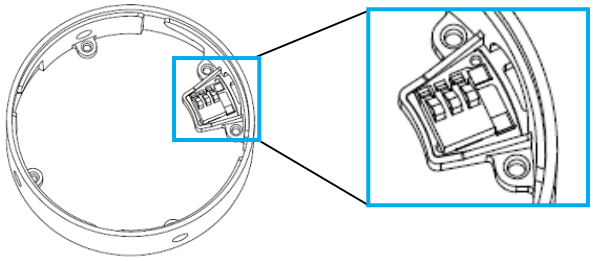
Risk of Injury. While performing installations described, gloves, safety glasses or goggles should be worn.

PREPARE ELECTRICAL WIRING

Electrical Requirements

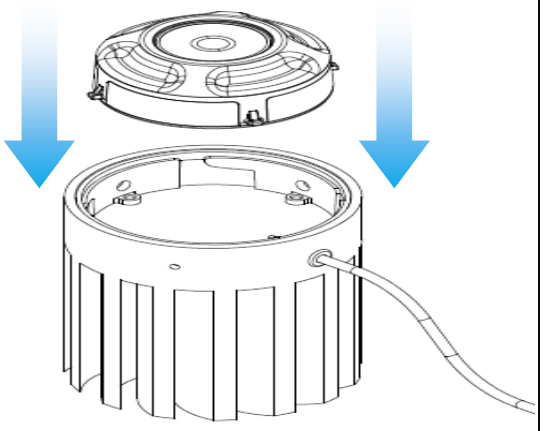
- The LED module must be supplied with a 24VAC transformer/ driver, a properly grounded branch circuit, protected by a 15 or 20 ampere circuit breaker or time delay fuse. **DO NOT** connect the LED Module directly to bench top power supplies without carefully considering the inrush current as this can damage the LED Module.
- Only use a GE approved Class 2 (US/CANADA) or SELV (Europe) 24 Vac transformer/driver that has been specified for use with the LED Module.
- Wiring must be 2 wire with ground and rated for 75°C (176°F).
- All electrical wiring should be preformed by qualified personal and in accordance too local, state, national regulations

1) Insert and retain module collar. Use five #2-56 screws or equivalent to mount collar to heat sink. Length of screws is dependent on mating fixture. Ensure that the feed wires to the collar are free of sharp kinks and do not contact sharp edges.



Wire breakout; Solder leads to PCB pads; Provide strain relief for leads to prevent strain on solder joints and PCB assembly.

2)



⚠ CAUTION

Risk of Breakage. Do not use excessive force to insert the module. Excessive force can cause the module to break. 1.5 Nm of torque typical to install. Do not exceed 5 Nm.

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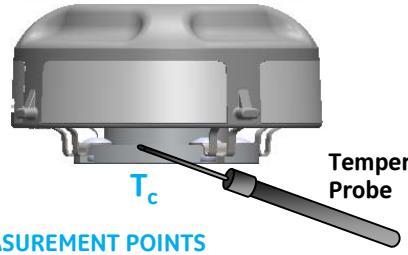
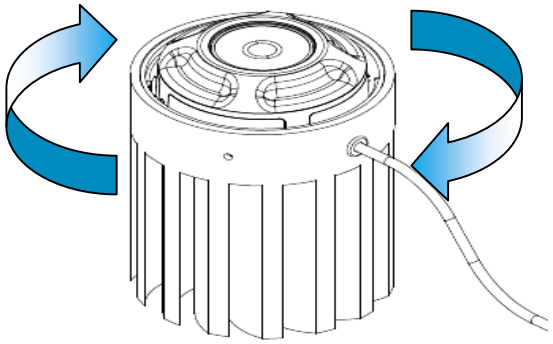
LED Module 24 VAC Input Installation Instructions

2) Continued



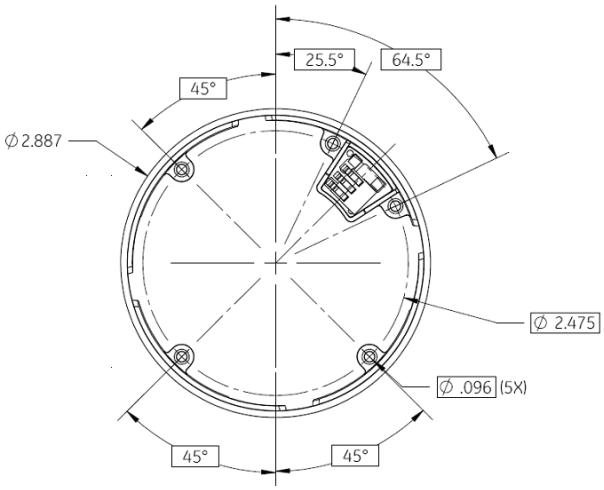
CRITICAL MEASUREMENT POINTS

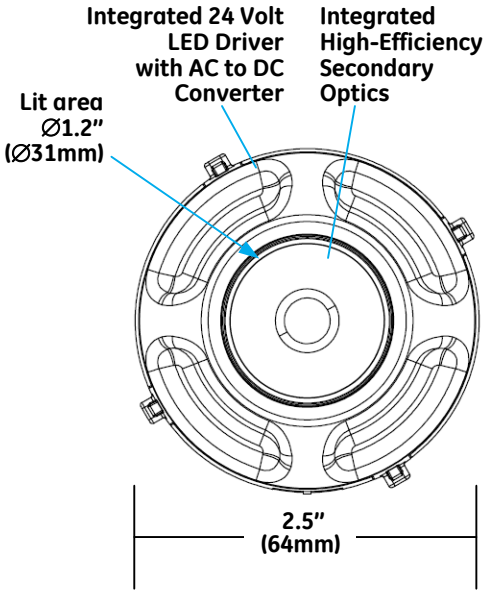
In order to meet life and lumen claims, T_c should not exceed 55°C. To accurately measure, using a pre-welded thermocouple is recommend. **It is important that the tip of the thermocouple is pressed against the surface of the module as shown above.**
For further details, refer the GE Infusion Application guide.

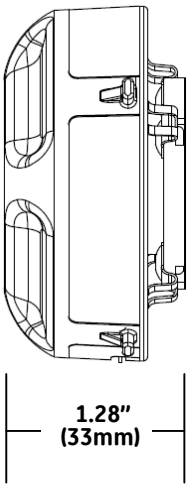


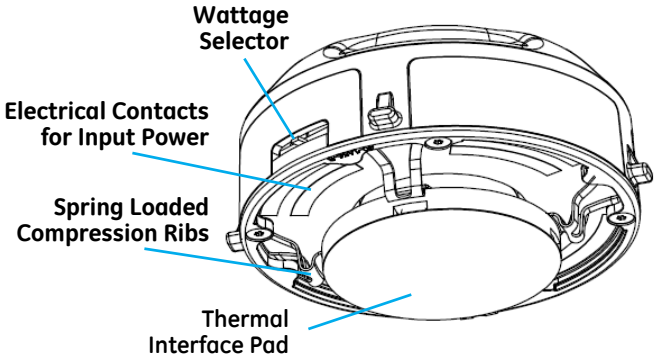
Note: Rotate the module clockwise 20 degrees to ensure proper engagement

3) Connect the leads of the collar to output side of the driver/transformer. The final fixture metal housing needs to be connected to earth ground.









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