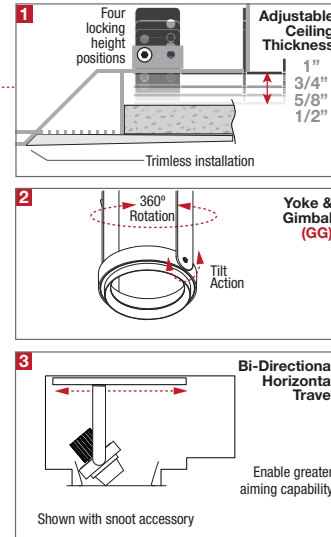
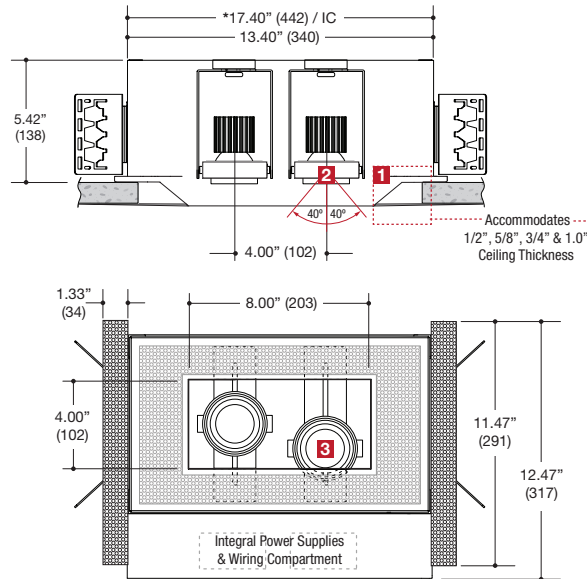


PROJECT	TYPE	CATALOG NUMBER
---------	------	----------------

Measurements in ()
are metric equivalents.
* IC housing dimension



DESCRIPTION

- Two light recessed accent / downlight -Small size
- All steel 18GA construction with powder coat finish
- Trimless insert with 4" x 8" open aperture
- Perforated metal mesh frame for mudding right to the aperture
- Vent holes for cooler operating temperature
- Knife-like trimless aperture edge with angle sleeve walls for clean look
- **Ceiling Cut-Out - 7.06" x 12.38"**

LED Source

- Field-replaceable integral LED module
- Field-changeable optic
- Bridgelux / CREE / **ValuDIM™**
- Accepts up to 2 or more optical accessories
- Single gimbal lamp holder with tilt aiming
- Yoke with 360°+ rotation
- Regressed adjustable yoke
- Bi-Directional Horizontal travel for extreme aiming

ELECTRICAL

- Field-replaceable integral LED driver
- Electrical wiring compartment integrated into housing construction
- Thermal protection
- Easy maintenance access through ceiling opening
- Rated for through-branch wiring
- Dimmable

MOUNTING

- Butterfly brackets for commercial installation in drywall, and other mud in ceiling types
- Perforated plate adjusts for 1/2", 5/8", 3/4" & 1.0" ceiling thickness
- Heavy-Duty **L-Bars™** hanger bar system ordered separately
LF #LBARS4PK

TARGETS

- Suitable for damp location

Patent Pending

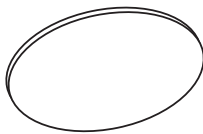
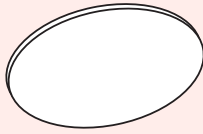
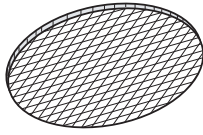
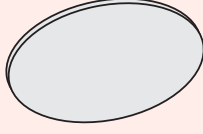
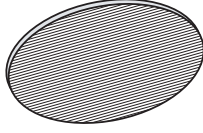
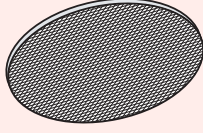
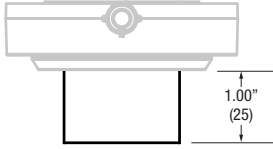
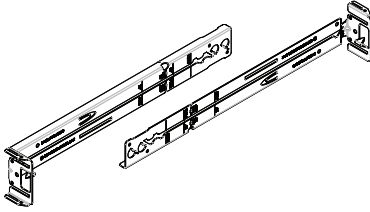
**5 YEAR
WARRANTY**
Limited



ORDERING INFO

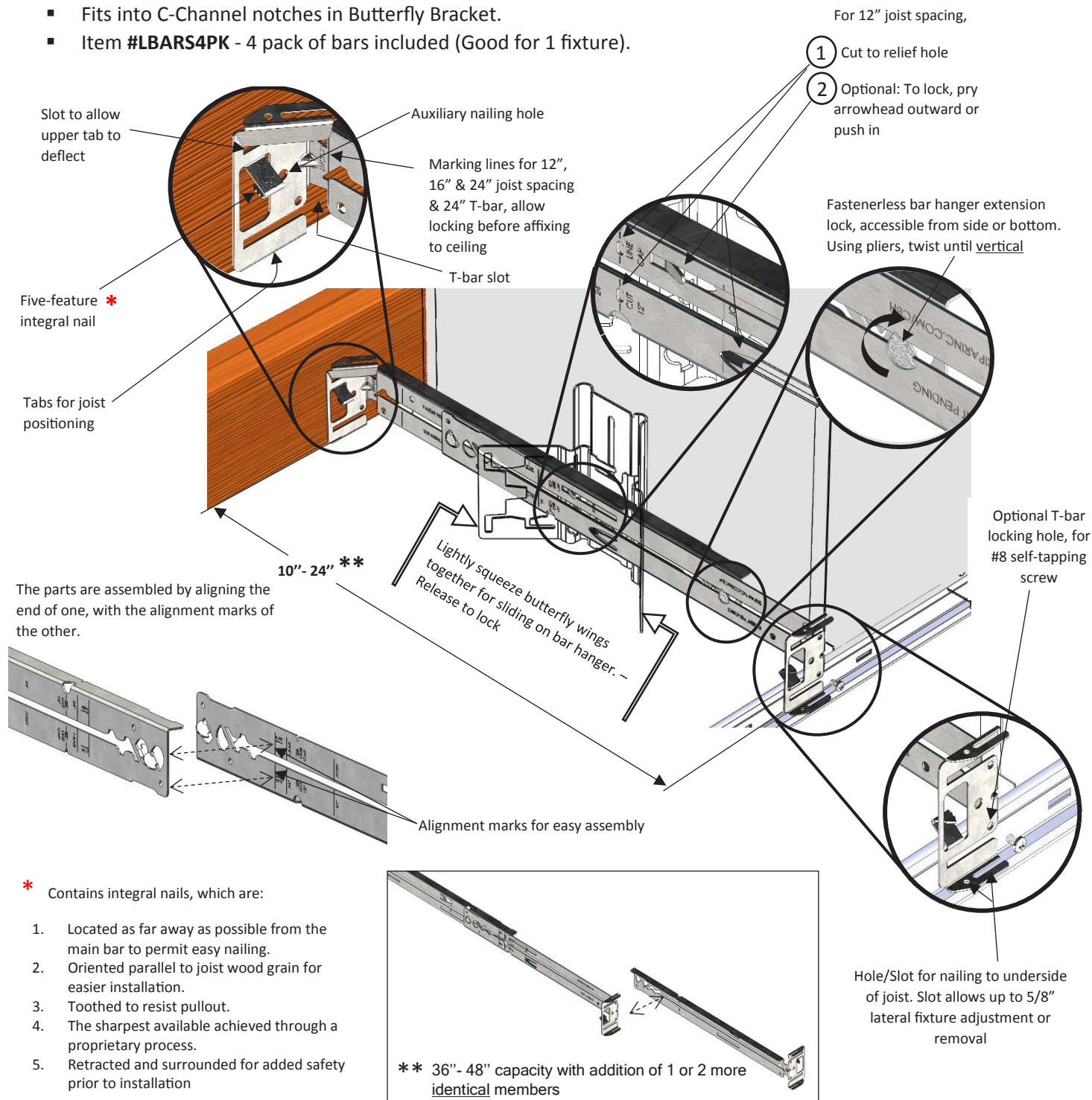
SERIES	LED MODULE WATTAGE AND INFORMATION	CRI / COLOR	BEAM	HSG TYPE	DRIVER / VOLTAGE	FINISH	OPTIONS
MF12BN-S MULTIFORMS MF100 Series Recessed 2-Light Knife Aperture Adjustable Accent Trimless Fixture New Construction Housing	CREE 08C 08W LED / 1094lm 13C 13W LED / 1473lm 19C 19W LED / 2117lm Delivered @ 80CRI / 3000K Narrow Beam	8027 80CRI / 2700K 8030 80CRI / 3000K 8035 80CRI / 3500K 8040 80CRI / 4000K 9227 92CRI / 2700K 9230 92CRI / 3000K 9235 92CRI / 3500K 9240 92CRI / 4000K	CREE N Narrow 16° M Medium 28° W Wide 42° V Very Wide 73°	GG Regressed Yoked Gimbal	DMU Dimming Multiple Forward/Reverse Phase (@ 120V only) 0-10V Wires Present (@ 120-277V) D31 Lutron LTEA Hi-lume™ Forward Phase 1% (@ 120V only) DEU Lutron LDE1/PEQ1 Hi-lume™ EcoSystem™ 1% with Soft-On, Fade-to-Black™ DPU Lutron PEQ0 Hi-lume™ Premier™ <i>19w max.</i> 0.1% with Soft-On, Fade-to-Black™	BB Black WW White	IC* Insulated Ceiling <i>For Emergency LED Inverter Options See Page 4</i> * See drawing for extended length dimension
	ValuDIM™ 15V 15W LED / 876lm Delivered 3000-2000K Warm Dimming Delivered @ 92CRI / 3000K Narrow Beam	9220 92CRI / 3000-2000K Warm Dimming ValuDIM Only	ValuDIM™ N Narrow 17° M Medium 25° W Wide 38°				

Example: **MF12BN-S-13C-8027-N-GG-DMU-BB-IC**

ACCESSORY	DESCRIPTION	ORDER CODE
	Clear Lens	OPTB-CLR
	Clear Lens - LED Film	OPTB-L-CLR
	UV Lens	OPTB-UVL
	Hex Cell Louver	OPTB-HXL
	Diffusion Lens	OPTB-DFL
	Diffusion Lens - LED Film	OPTB-L-DFL
	Linear Spread Lens	OPTB-LSL
	Linear Spread Lens - LED Film	OPTB-L-LSL
	Prismatic Spread Lens	OPTB-PSL
	1" Snoot - Black	OPTB-SNB
	1" Snoot - White	OPTB-SNW
	1" Snoot - White With Black Splay	OPTB-SNWB
	Heavy Duty Hanger Bar System Set of 4 bars - Good for one fixture (See next page for details)	LBARS4PK

* Other filters, colored glass, dichroics & micro-lenses available upon request

- L-shaped cross section for each member, when assembled together provides a ½" X 1 ½" C-Channel shaped profile for superior rigidity.
- Consists of two identical parts in all aspects, therefore interchangeable.
- Fits into C-Channel notches in Butterfly Bracket.
- Item #LBARS4PK - 4 pack of bars included (Good for 1 fixture).



* Contains integral nails, which are:

1. Located as far away as possible from the main bar to permit easy nailing.
2. Oriented parallel to joist wood grain for easier installation.
3. Toothed to resist pullout.
4. The sharpest available achieved through a proprietary process.
5. Retracted and surrounded for added safety prior to installation

** 36"-48" capacity with addition of 1 or 2 more identical members

PROJECT

TYPE

CATALOG NUMBER

The emergency inverter provides full power up to its load rating for no less than 90 minutes as prescribed by UL 924 Listed for US and Canada & CSA C22 No. 141 Unit Equipment for Emergency Lighting.

The inverter is installed remotely, behind an access panel or with above ceiling access required (behind grid ceilings are also acceptable). The inverter is not accessible through the fixture opening in the ceiling. The inverters are rated for 120-277V and will work for LED, ELV, MLV, incandescent & fluorescent loads.

The inverter is paired for the connected load wattage of the light source(s).

25W



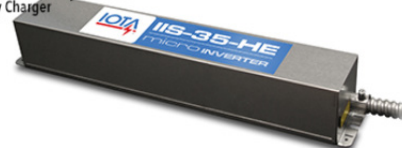
If the load rating requirement is 25W (or less) then we recommend **LF #EMREM25**

IOTA #IIS-25-I:
<http://www.iotaengineering.com/iis25.htm>
Instructions:
http://iotaengineering.com/Inverter/iis25_manual.pdf
Wiring Diagram:
<http://iotaengineering.com/diagrams/ad10.pdf>

35W



Certified in CA TITLE 20
Appliance Efficiency Database -
Battery Charger



* 35 version features high-efficiency performance
to help meet CEC Title 20 efficiency requirements

If the load rating requirement is 25-35W then we recommend **LF #EMREM35HE**

IOTA #IIS-35-HE:
https://www.iotaengineering.com/Inverter/iis35he_spec.pdf
Instructions:
<https://www.iotaengineering.com/services/#/manuals/iis35he>
Wiring Diagram:
<https://www.iotaengineering.com/services/#/diagrams/iis35he>

50W



If the load rating requirement is 35-50W then we rec

IOTA #IIS-50-I:
http://iotaengineering.com/Inverter/iis50_spec.pdf
Instructions:
http://iotaengineering.com/Inverter/iis50_manual.pdf
Wiring Diagram:
<http://iotaengineering.com/diagrams/ad10.pdf>

Consult LF Illumination for higher wattage inverter offerings.