LF ILLUMINATION

PROJECT	TYPE	CATALOG NUMBER

Measurements in ( ) are metric equivalents.

7.30" (185)

Perforated Mud Plate

4.00" sq (102)

11.31" (287)

12.52" (318)

Driver Compartment

Vent Holes

Deep Sleeve

Remodel Swing-Out Adjustable Tabs

Skim coat

Perforated Mud Plate

30° 30°
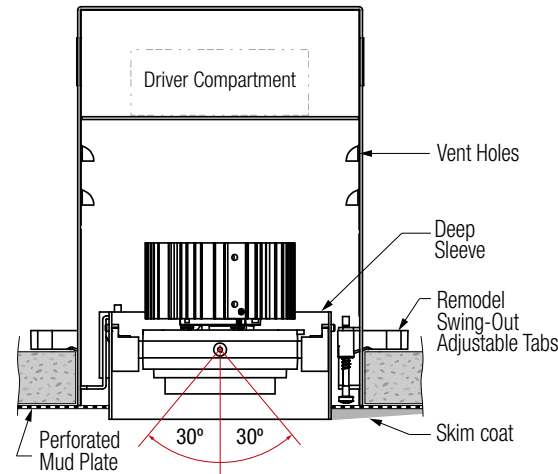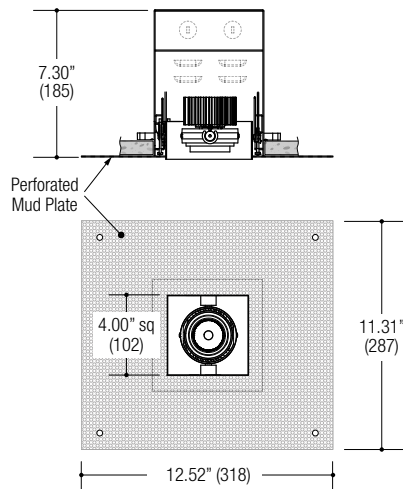
DESCRIPTION
- One light recessed accent / downlight - small size
- All steel 18GA construction remodel housing
- Trimless insert with 4.00" x 4.00" open aperture
- Vent holes for cooler operating temperature
- Deep sleeve feature to conceal inner components
- Powder coat finish
- **Ceiling Cut-Out - 5.45" x 5.45"**

LED SOURCE
- Field-replaceable integral LED module
- Field-changeable optic
- CREE / **Valu**DIM™
- Accepts up to 2 or more optical accessories
- Trim mounted double gimbal
- 30° x 30° tilt 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
- Trimless collar is secured using adjustable swing out tabs
- For installation in drywall and other mud in ceiling types
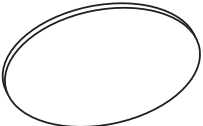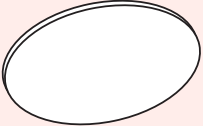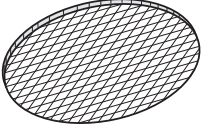- Adjust for 1/2" through 1.0" ceiling thickness
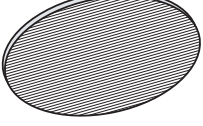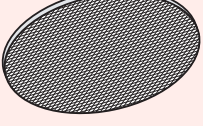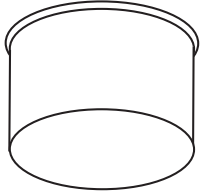
LABELS
- Suitable for damp location

CREE **Valu**DIM™ **5 YEAR WARRANTY** Limited CSA C US

TRIM ORDERING INFO

SERIES	LED MODULE WATTAGE AND INFORMATION	CRI / COLOR	BEAM	HSG TYPE	DRIVER	FINISH	OPTIONS
MF31BR-S **REMODEL** **MF300 Series** Recessed 1-Light Adjustable Accent Trimless Remodel Housing	**CREE** **08C** 08W LED / 1094lm delivered **13C** 13W LED / 1473lm delivered **19C** 19W LED / 2117m delivered Delivered @ 80CRI / 3000K Narrow Beam	**8027** 80CRI / 2700K **8030** 80CRI / 3000K **8035** 80CRI / 3500K **8040** 80CRI / 4000K **9227** 92CRI / 2700K **9230** 92CRI / 3000K **9227** 92CRI / 2700K **9230** 92CRI / 3000K **9240** 92CRI / 4000K **9827** 98CRI / 2700K **9830** 98CRI / 3000K **9835** 98CRI / 3500K **9840** 98CRI / 4000K	**CREE** **N** Narrow 16° **M** Medium 28° **W** Wide 42° **V** Very Wide 73°	**TD** Trim Mounted Double Gimbal	**DMU** Dimming Multiple Forward/Reverse Phase (@ 120V only) 0-10V Wires Present (@ 120-277V)	**BB** Black **WW** White **SS** Silver **XX** Custom	*For Emergency* *LED Inverter* *Options* *See Page 3*
	ValuDIM™ **15V** 15W LED / 876lm del. 3000-1800K Warm Dimming Delivered Lumens @ 92CRI / 3000K / Narrow Beam	**9220** 92CRI / 3000-1800K Warm Dimming ValuDIM Only	**Valu**DIM™ **N** Narrow 17° **M** Medium 25° **W** Wide 38°				
MF31BR-S							

Example: **MF31BR-S-19C-8027-N-TD-DMU-BB**

HEADQUARTERS
9200 Deering Avenue
Chatsworth CA 91311

Telephone: 818-885-1335
Toll Free: 855-885-1335
Fax: 818-576-1335

www.lfillumination.com

LF ILLUMINATION

OPTICAL ACCESSORY	DESCRIPTION	LIGHT SOURCE		
		SMALL	MEDIUM	LARGE
		• MR16 • CMHMR16 • 50mm LED	• PAR20 • PAR20CMH • T4GU6.5 • 70mm LED	• PAR30 / PAR30CMH • T4G8.5 • T6G12 • AR111 / CDMR111 • 111mm LED
	Clear Lens	OPTB-CLR Ø2.00" (51mm) nom.	OPTC-CLR Ø2.90" (74mm) nom.	OPTD-CLR Ø4.40" (112mm) nom.
	Clear Lens - LED Film	OPTB-L-CLR Ø2.00" (51mm) nom.	N/A	N/A
	UV Lens	OPTB-UVL Ø2.00" (51mm) nom.	OPTC-UVL Ø2.90" (74mm) nom.	OPTD-UVL Ø4.40" (112mm) nom.
	Hex Cell Louver	OPTB-HXL Ø2.00" (51mm) nom.	OPTC-HXL Ø2.90" (74mm) nom.	OPTD-HXL Ø4.40" (112mm) nom.
	Diffusion Lens	OPTB-DFL Ø2.00" (51mm) nom.	OPTC-DFL Ø2.90" (74mm) nom.	OPTD-DFL Ø4.40" (112mm) nom.
	Diffusion Lens - LED Film	OPTB-L-DFL Ø2.00" (51mm) nom.	OPTC-L-DFL Ø2.90" (74mm) nom.	OPTD-L-DFL Ø4.40" (112mm) nom.
	Linear Spread Lens	OPTB-LSL Ø2.00" (51mm) nom.	OPTC-LSL Ø2.90" (74mm) nom.	OPTD-LSL Ø4.40" (112mm) nom.
	Linear Spread Lens - LED Film	OPTB-L-LSL Ø2.00" (51mm) nom.	OPTC-L-LSL Ø2.90" (74mm) nom.	OPTD-L-LSL Ø4.40" (112mm) nom.
	Prismatic Spread Lens	OPTB-PSL Ø2.00" (51mm) nom.	OPTC-PSL Ø2.90" (74mm) nom.	OPTD-PSL Ø4.40" (112mm) nom.
	Snoot - Black	OPTB-SNB Ø2.00" (51mm) nom.	OPTC-SNB Ø2.90" (74mm) nom.	OPTD-SNB Ø4.40" (112mm) nom.
	Snoot - White	OPTB-SNW Ø2.00" (51mm) nom.	OPTC-SNW Ø2.90" (74mm) nom.	OPTD-SNW Ø4.40" (112mm) nom.
	Snoot - Silver	OPTB-SNS Ø2.00" (51mm) nom.	OPTC-SNS Ø2.90" (74mm) nom.	OPTD-SNS Ø4.40" (112mm) nom.
	Snoot - White With Black Splay	OPTB-SNWB Ø2.00" (51mm) nom	OPTC-SNWB Ø2.90" (74mm) nom.	OPTD-SNWB Ø4.40" (112mm) nom.
	Snoot - Silver With Black Splay	OPTB-SNSB Ø2.00" (51mm) nom	OPTC-SNSB Ø2.90" (74mm) nom.	OPTD-SNSB Ø4.40" (112mm) nom.

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

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EMERGENCY INVERTERS

LED **ELV** **MLV**

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

*If the load rating requirement is 25-35W then we recommend **LF #EMREM35***

IOTA #IIS-35-I: http://iotaengineering.com/Inverter/iis35_spec.pdf
Instructions: http://iotaengineering.com/Inverter/iis35_manual.pdf
Wiring Diagram: http://iotaengineering.com/diagrams/ad10.pdf

50W

*If the load rating requirement is 35-50W then we recommend **LF #EMREM50***

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.