

Trimmed® Recessed New Work

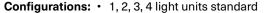
This leaflet contains products covered under one or more of the following US Patent Numbers:

following US Patent Numbers:
6,568,826B1 6,692,139B2
6,896,999B2 7,207,698B2
6,997,267B2 6,997,574B2
7,036,953B2 6,745,785B2
7,300,176B2 7,478,921B1
D520,6686 D530,038S
D537,553S D819,857
D818,632 D818,624
D818,623 8,740,407
8,511,860 8,231,242
8,210,720 7,832,907

Modular International, Inc. produced a major portion of the lighting for the project shown. The photograph, however, is not intended to imply that the various owners of the projects endorse our products or use our products exclusively.

The Original Multiple Lamp Family of Fixtures





· Custom configurations available

**Housing:** • Fabricated 18 gauge steel supplied with

adjustable mounting brackets

• 14 gauge steel trim flange

· Available for airtight or IC rated applications

Finishes: • Powder coated - white or black standard

Custom colors available

Stainless steel / satin nickel available

• Internal electronic power supply(s) /transformer(s) / ballast(s)

Dimmable (not applicable on HID products)

• One power supply / transformer per lamp allowing for multi-circuit wiring.

• 120v and 277v available

· Listed to UL1598 standards

#### Lamping: Standard LED Modules

6w LED-506-6	12w LED-512-12	12w LED-512-22
8w LED-708-6	14w LED-714-12	14w LED-714-22
16w LED-716-12	16w LED-716-22	16w LED-716-45
30w LED-930-12	30w LED-930-22	30w LED-930-45

#### **Direct Replacement LED or Legacy Lamps:**

MR16LED (BLD)	MR16 HALOGEN (B)	MR16CMH (BH)
AR111LED (DLD)	AR111 HALOGEN (D)	CDMR111 (S)
PAR30LED (GLD)	PAR30 (G)	PAR30HID (H)
PAR38LED (JLD)	PAR38 (J)	PAR38HID (K)

**Mounting:** • For new construction applications.

 Recessed housing is installed via adjustable universal mounting brackets and bar hangers prior to the installation of drywall.

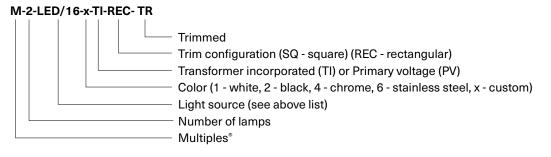
- Fixture designed for use in ceiling material with a maximum thickness of  $2^{\prime\prime}$ 

Patented die-cast aluminum ring sets and locking devices

- · Pull down yokes
- · Shielding cones
- · Filter media
  - · LED modules accept one 1/8" thick filter
  - LED direct replacement and legacy lamps accept up to two 1/8" thick filters

## Model # example:

**Options:** 



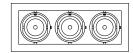


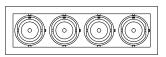




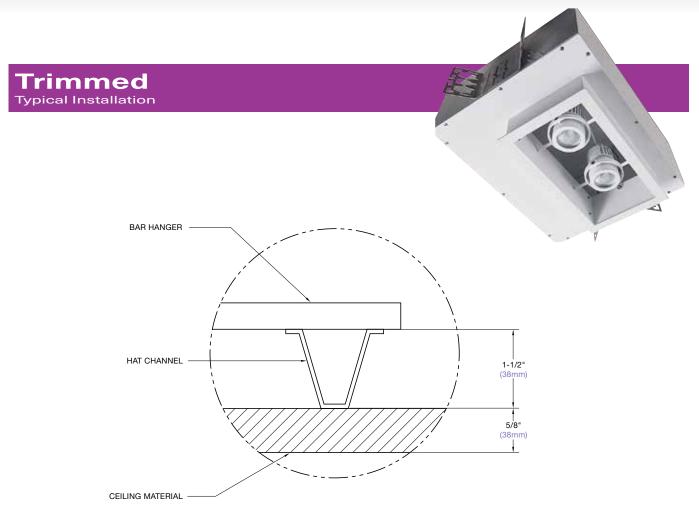


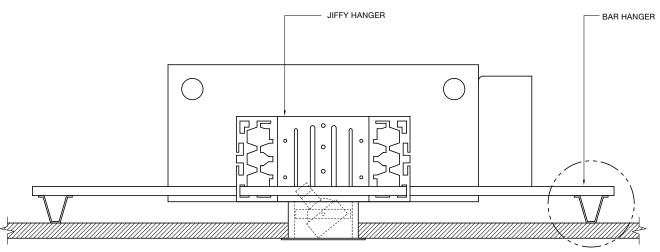












#### Trimmed

Recessed - New Work

Built to your specifications, these high-quality fixtures feature a trimmed aperture for a clean, refined appearance. Available with transformer incorporated, transformer attached, and remote transformer configurations for new and old work installations. The series is adaptable to plaster, gypboard, wood, or acoustical ceilings. This series conforms to USA standards. A companion series that conforms to Asian and European standards is also available.

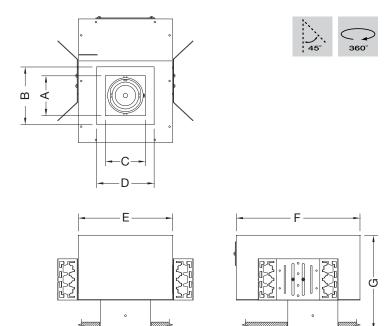
#### **One Lamp**



M-1-B-2-TI-SQ-TR

Modular Multiples® Trimmed Series, one MR16 lamp, black housing, transformer incorporated, square aperture, trimmed configuration shown.

Other configurations available.



LAMPS and DIMENSIONS	А	В	С	D	E	F	G
LED506, LED513 /	3-3/8"	4-7/8"	3-3/8"	4-7/8"	8"	10-1/2"	8"
MR16LED / MR16	86mm	124mm	86mm	124mm	203mm	267mm	203mm
LED708, 714, 716, 930 /	7-1/4"	9-1/4"	7-1/4"	9-1/4"	10-3/4"	1'1-3/4"	8-1/2"
AR111LED / AR111	184mm	235mm	184mm	235mm	273mm	349mm	216mm
PAR38LED / PAR38	7-1/4"	9-1/4"	7-1/4"	9-1/4"	10-3/4"	1'1-3/4"	8-1/2"
	184mm	235mm	184mm	235mm	273mm	349mm	216mm

# Trimmed Recessed - New Work

Built to your specifications, these high-quality fixtures feature a trimmed aperture for a clean, refined appearance. Available with transformer incorporated, transformer attached, and remote transformer configurations for new and old work installations. The series is adaptable to plaster, gypboard, wood, or acoustical ceilings. This series conforms to USA standards. A companion series that conforms to Asian and European standards is also available.

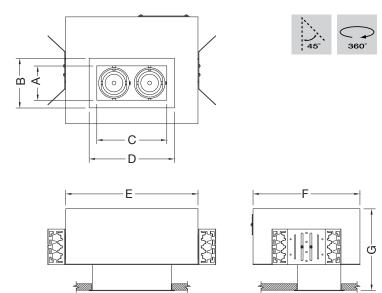
#### Two Lamp



M-2-LED/16-1-TI-REC-TR

Modular Multiples® Trimmed Series, two 16w LED modules, white housing, transformer incorporated, rectangular aperture, trimmed configuration shown.

Other configurations available.



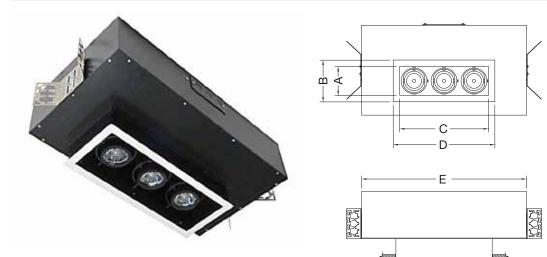
LAMPS and DIMENSIONS	Α	В	С	D	Е	F	G
LED506, LED513 /	3-3/8"	4-7/8"	6-7/8"	8-3/8"	1'1"	10-1/2"	8"
MR16LED / MR16	86mm	124mm	175mm	213mm	330mm	267mm	203mm
LED708, 714, 716, 930 /	7-1/4"	9-1/4"	1'2"	1'4"	1'5-1/2"	1'1-3/4"	8-1/2"
AR111LED / AR111	184mm	235mm	356mm	406mm	445mm	349mm	216mm
PAR38LED / PAR38	7-1/4"	9-1/4"	1'2-3/4"	1'4-3/4"	1'6-1/4"	1'1-3/4"	9-3/4"
	184mm	235mm	375mm	425mm	464mm	349mm	248mm

### **Trimmed**

Recessed - New Work

Built to your specifications, these high-quality fixtures feature a trimmed aperture for a clean, refined appearance. Available with transformer incorporated, transformer attached, and remote transformer configurations for new and old work installations. The series is adaptable to plaster, gypboard, wood, or acoustical ceilings. This series conforms to USA standards. A companion series that conforms to Asian and European standards is also available.

#### **Three Lamp**



M-3-B-2-TI-REC-TR

Modular Multiples® Trimmed Series, three MR16 lamps, black housing, transformer incorporated, rectangular aperture, trimmed configuration shown.

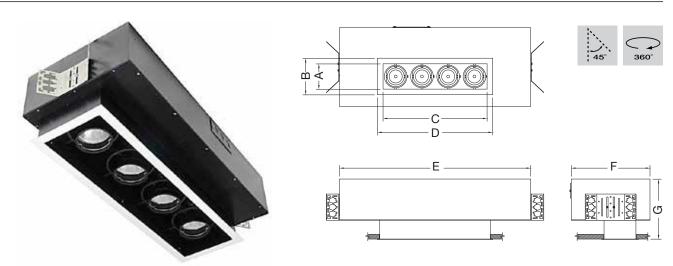
Other configurations available.

LAMPS and DIMENSIONS	А	В	С	D	E	F	G
LED506, LED513 /	3-3/8"	4-7/8"	10-3/8"	11-7/8"	1'7-1/4"	10-1/2"	8"
MR16LED / MR16	86mm	124mm	264mm	302mm	489mm	267mm	203mm
LED708, 714, 716, 930 /	7-1/4"	9-1/4"	1'9"	1'11"	2' 0-1/2"	1'1-3/4"	8-1/2"
AR111LED / AR111	184mm	235mm	533mm	584mm	622mm	349mm	216mm
PAR38LED / PAR38	7-1/4"	9-1/4"	1'10-1/4"	2'0-1/4"	2'1-3/4"	1'1-3/4"	9-3/4"
	184mm	235mm	565mm	616mm	654mm	349mm	248mm

# Trimmed Recessed - New Work

Built to your specifications, these high-quality fixtures feature a trimmed aperture for a clean, refined appearance. Available with transformer incorporated, transformer attached, and remote transformer configurations for new and old work installations. The series is adaptable to plaster, gypboard, wood, or acoustical ceilings. This series conforms to USA standards. A companion series that conforms to Asian and European standards is also available.

#### **Four Lamp**



M-4-B-2-TI-REC-TR
Modular Multiples® Trimmed Series, four MR16 lamps,

black housing, transformer incorporated, rectangular aperture, trimmed configuration shown.

Other configurations available.

LAMPS and DIMENSIONS	А	В	С	D	E	F	G
LED506, LED513 /	3-3/8"	4-7/8"	1' 1-7/8"	1'3-3/8"	2'1-1/2"	10-1/2"	8"
MR16LED / MR16	86mm	124mm	352mm	391mm	648mm	267mm	203mm
LED708, 714, 716, 930 /	7-1/4"	9-1/4"	2'4"	2'6"	2'7-1/2"	1'1-3/4"	8-1/2"
AR111LED / AR111	184mm	235mm	711mm	762mm	800mm	349mm	216mm
PAR38LED / PAR38	7-1/4"	9-1/4"	2'5-3/4"	2'7-3/4"	2'9"	1'1-	9-3/4"
	184mm	235mm	756mm	806mm	838mm	3/4"349mm	248mm

#### Trimmed

Recessed - New Work

Built to your specifications, these high-quality fixtures feature a trimmed aperture for a clean, refined appearance. Available with transformer incorporated, transformer attached, and remote transformer configurations for new and old work installations. The series is adaptable to plaster, gypboard, wood, or acoustical ceilings. This series conforms to USA standards. A companion series that conforms to Asian and European standards is also available.

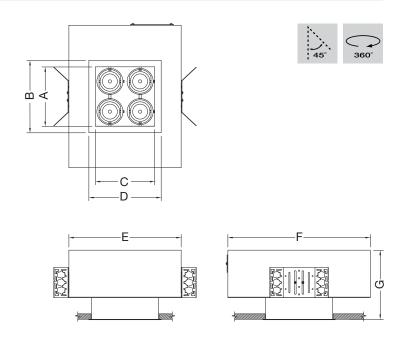
#### **Four Lamp Square**



M-4-B-2-TI-SQSQ-TR

Modular Multiples® Trimmed Series, four MR16
lamps, black housing, transformer incorporated,
square aperture, square lamp configuration,
trimmed configuration shown.

Other configurations available.



LAMPS and DIMENSIONS	А	В	С	D	E	F	G
LED506, LED513 /	6-7/8"	8-3/8"	6-7/8"	8-3/8"	1'1"	1'4-1/2"	8"
MR16LED / MR16	213mm	213mm	175mm	213mm	330mm	419mm	203mm
LED708, 714, 716, 930 /	1'2"	1'4"	1'2"	1'4"	1'5-1/2"	1'11-3/4"	8-1/2"
AR111LED / AR111	356mm	406mm	356mm	406mm	445mm	603mm	216mm
PAR38LED / PAR38	1'2-3/4"	1'4-3/4"	1'2-3/4"	1'4-3/4"	1'6-1/4"	2'0-1/4"	9-3/4"
	375mm	425mm	375mm	425mm	464mm	616mm	248mm

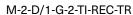
#### Trimmed

Recessed - New Work

Built to your specifications, these high-quality fixtures feature a trimmed aperture for a clean, refined appearance. Available with transformer incorporated, transformer attached, and remote transformer configurations for new and old work installations. The series is adaptable to plaster, gypboard, wood, or acoustical ceilings. This series conforms to USA standards. A companion series that conforms to Asian and European standards is also available.

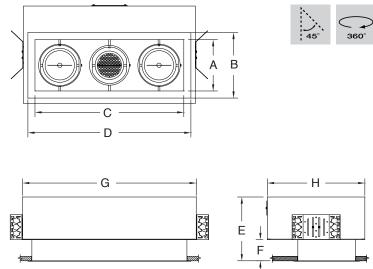
#### **Custom Mixed Lamp**





Modular Multiples® Trimmed Series, custom configuration, two AR111 lamps, one PAR30 HID lamp, black housing, transformer attached, rectangular aperture, trimmed configuration shown.

Other configurations available.



LAMPS and DIMENSIONS	Α	В	С	D	E	F	G	Н
AR111 / PAR30-HID	7-1/4"	9-1/4"	21"	23"	9"	3"	24-1/2"	13-3/4"
	184mm	235mm	533mm	584mm	229mm	76mm	622mm	349mm

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D537,553S D819,857
D818,632 D818,624
B818,623 8,740,407
8,511,860 8,231,242
8,210,720 7,832,907

Modular International, Inc. produced a major portion of the lighting for the project shown. The photograph, however, is not intended to imply that the various owners of the projects endorse our products or use our products exclusively.

The Original Multiple Lamp Family of Fixtures



Configurations: • 1, 2, 3, 4 light units standard

· Custom configurations available

**Housing:** • Fabricated 18 gauge steel supplied with adjustable mounting brackets

14 gauge steel trim flange

· Available for airtight or IC rated applications

Finishes: • Powder coated - white or black standard

Custom colors available

Stainless steel / satin nickel available

• Internal electronic power supply(s) /transformer(s) / ballast(s)

· Dimmable (not applicable on HID products)

· One power supply / transformer per lamp allowing for multi-circuit wiring.

• 120v and 277v available

Listed to UL1598 standards

#### Standard LED Modules

6w LED-506-6	12w LED-512-12	12w LED-512-22
8w LED-708-6	14w LED-714-12	14w LED-714-22
16w LED-716-12	16w LED-716-22	16w LED-716-45
30w LED-930-12	30w LED-930-22	30w LED-930-45

#### **Direct Replacement LED or Legacy Lamps:**

MR16LED (BLD)	MR16 HALOGEN (B)	MR16CMH (BH)
AR111LED (DLD)	AR111 HALOGEN (D)	CDMR111 (S)
PAR30LED (GLD)	PAR30 (G)	PAR30HID (H)
PAR38LED (JLD)	PAR38 (J)	PAR38HID (K)

#### **Mounting:** • For applications where ceilings are currently installed.

- An opening is cut into the ceiling material to fit the Mounting Frame.
- Housing connected to 18 gauge galvanized steel transformer / wiring section via 24" flexible metal conduit
- Fixture wiring connections are made and fixture is inserted through the installed frame and secured with provided hardware
- · Patented die-cast aluminum ring sets and locking devices
- · Pull down yokes
- · Shielding cones

M-3-BLD-2-TA-REC-TR

- · Filter media
  - LED modules accept one 1/8" thick filter
  - LED direct replacement and legacy lamps accept up to two 1/8" thick filters

## Model # example:

**Options:** 

Lamping:

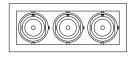
# Trimmed Trim configuration (SQ - square) (REC - rectangular) Transformer attached (incorporated) Color (1 - white, 2 - black, 4 - chrome, 6 - stainless steel, x - custom) Light source (see above list) Number of lamps Multiples®

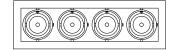


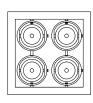


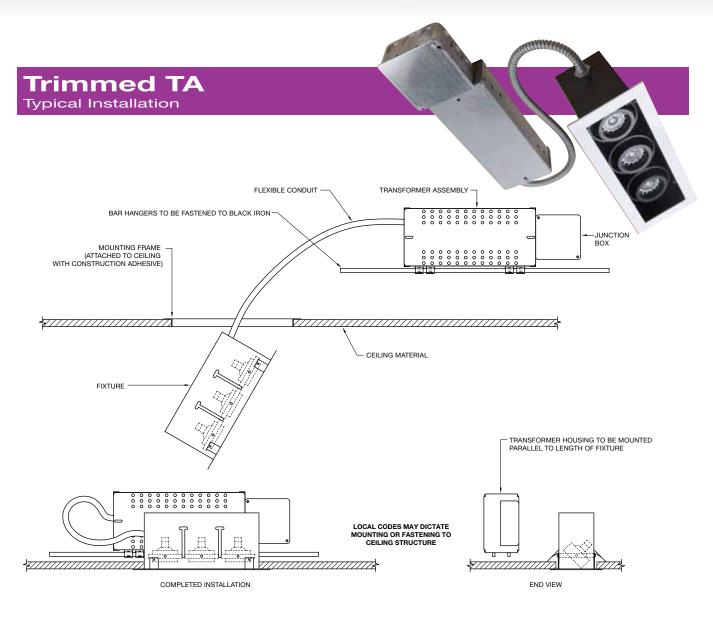


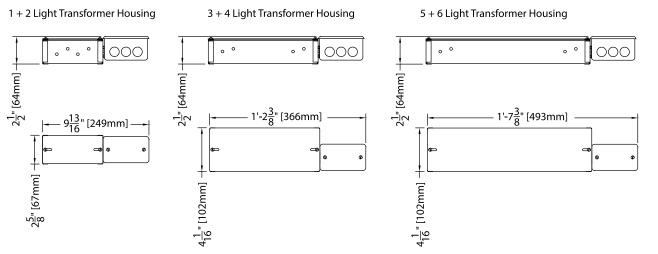












#### Trimmed

Recessed - New/Old Work

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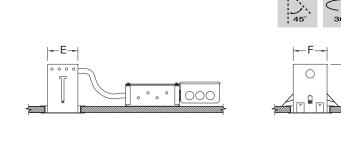
#### **One Lamp**

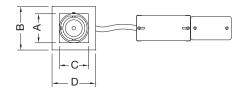


M-1-BLD-2-TA-SQ-TR

Modular Multiples® Trimmed Series, one MR16LED lamp, black housing, transformer attached, square aperture, trimmed configuration shown.

Other configurations available.





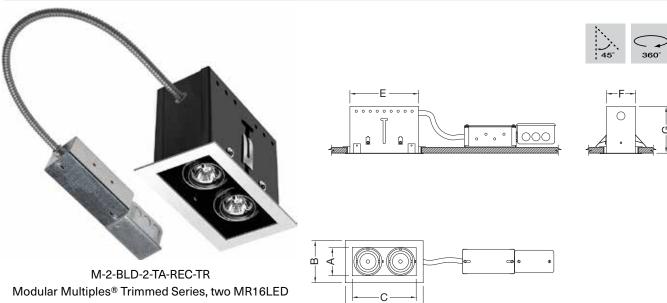
LAMPS and DIMENSIONS	Α	В	С	D	Е	F	G
LED506, LED513 /	3"	4-1/2"	3"	4-1/2"	3-1/8"	3-1/2"	5"
MR16LED / MR16	76mm	114mm	76mm	114mm	79mm	89mm	127mm
LED708, 714, 716, 930 /	7-1/4"	9-1/4"	7-1/4"	9-1/4"	7-1/2"	7-1/2"	6"
AR111LED / AR111	184mm	235mm	184mm	235mm	191mm	191mm	152mm

#### Trimmed

Recessed - New/Old Work

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#### **Two Lamp**



Modular Multiples® Trimmed Series, two MR16LED lamps, black housing, transformer attached, rectangular aperture, trimmed configuration shown.

Other configurations available.

LAMPS and DIMENSIONS	А	В	С	D	E	F	G
LED506, LED513 /	3"	4-1/2"	6-7/8"	8-3/8"	7-3/8"	3-1/8"	5"
MR16LED / MR16	76mm	114mm	175mm	213mm	187mm	79mm	127mm
LED708, 714, 716, 930 /	7-1/4"	9-1/4"	1'2"	1'4"	1'2-1/4"	7-1/2"	6"
AR111LED / AR111	184mm	235mm	356mm	406mm	362mm	191mm	152mm

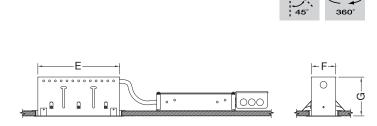
#### Trimmed

Recessed - New/Old Work

Built to your specifications, these high-quality fixtures feature a trimmed aperture for a clean, refined appearance. Available with transformer incorporated, transformer attached, and remote transformer configurations for new and old work installations. The series is adaptable to plaster, gypboard, wood, or acoustical ceilings. This series conforms to USA standards. A companion series that conforms to Asian and European standards is also available.

#### **Three Lamp**





#### M-3-BLD2-TA-REC-TR

Modular Multiples® Trimmed Series, three MR16LED lamps, black housing, transformer attached, rectangular aperture, trimmed configuration shown.

Other configurations available.

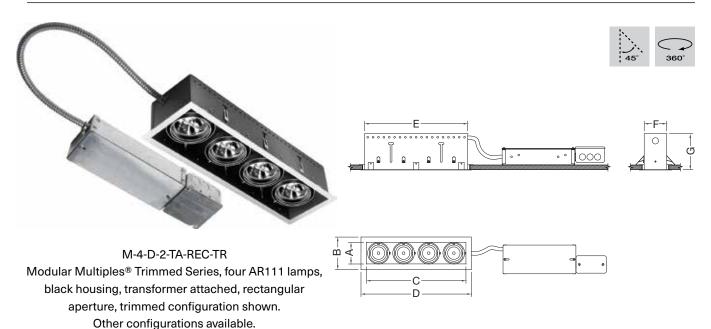
LAMPS and DIMENSIONS	Α	В	С	D	E	F	G
LED506, LED513 /	3"	4-1/2"	10"	11-1/2"	10-1/2"	3-1/2"	5"
MR16LED / MR16	76mm	114mm	254mm	292mm	267mm	89mm	127mm
LED708, 714, 716, 930 /	7-1/4"	9-1/4"	1'8-3/4"	1'10-3/4"	1'9"	7-1/2"	6"
AR111LED / AR111	184mm	235mm	527mm	578mm	533mm	191mm	152mm

#### Trimmed

Recessed - New/Old Work

Built to your specifications, these high-quality fixtures feature a trimmed aperture for a clean, refined appearance. Available with transformer incorporated, transformer attached, and remote transformer configurations for new and old work installations. The series is adaptable to plaster, gypboard, wood, or acoustical ceilings. This series conforms to USA standards. A companion series that conforms to Asian and European standards is also available.

#### **Four Lamp**



LAMPS and DIMENSIONS	А	В	С	D	Е	F	G
LED506, LED513 /	3"	4-1/2"	1'1-7/8"	1'3-3/8"	1'2-3/8"	3-1/8"	5"
MR16LED / MR16	76mm	114mm	352mm	391mm	365mm	79mm	127mm
LED708, 714, 716, 930 /	7-1/4"	9-1/4"	2'3-1/2"	2'5-1/2"	2'3-3/4"	7-1/2"	6"
AR111LED / AR111	184mm	235mm	699mm	749mm	705mm	191mm	152mm

#### Trimmed

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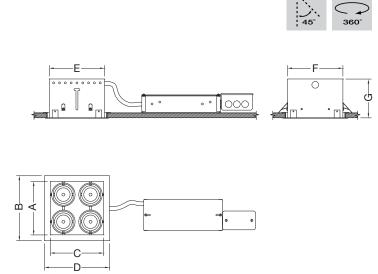
#### **Four Lamp Square**



M-4-BLD-2-TA-SQ-TR

Modular Multiples® Trimmed Series, four MR16LED lamps, black housing, transformer attached, square aperture, trimmed configuration shown.

Other configurations available.



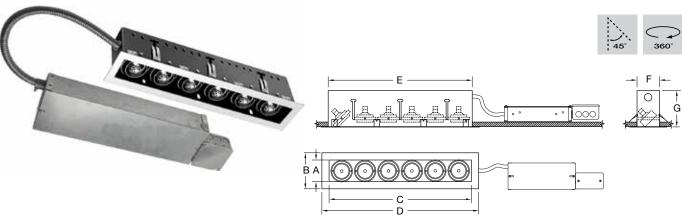
LAMPS and DIMENSIONS	Α	В	С	D	E	F	G
LED506, LED513 /	6-7/8"	8-3/8"	8-3/8"	1'3-3/8"	7-1/8"	7-1/8"	5"
MR16LED / MR16	175mm	213mm	213mm	391mm	181mm	181mm	127mm
LED708, 714, 716, 930 /	1'2"	1'2"	1'4"	2'3-3/4"	1'2-1/4"	1'2-1/4"	6"
AR111LED / AR111	356mm	356mm	406mm	705mm	362mm	362mm	152mm

#### Trimmed

Recessed - New/Old Work

Built to your specifications, these high-quality fixtures feature a trimmed aperture for a clean, refined appearance. Available with transformer incorporated, transformer attached, and remote transformer configurations for new and old work installations. The series is adaptable to plaster, gypboard, wood, or acoustical ceilings. This series conforms to USA standards. A companion series that conforms to Asian and European standards is also available.

#### **Custom Six Lamp**



M-6-B-2-TA-REC-TR

Modular Multiples® Trimmed Series, six MR16 lamps, black housing, transformer attached, rectangular aperture, trimmed configuration shown.

Other configurations available.

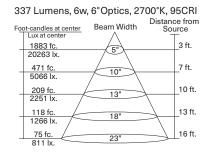
LAMPS and DIMENSIONS	А	В	С	D	Е	F	G
LED506, LED513 /	3"	4-1/2"	20-7/8"	22-3/8"	21-1/8"	3-1/8"	5"
MR16LED / MR16	76mm	114mm	530mm	568mm	537mm	79mm	127mm
LED708, 714, 716, 930 /	7-1/4"	9-1/4"	41"	43"	41-1/4"	7-1/2"	6"
AR111LED / AR111	184mm	235mm	1041mm	1092mm	1048mm	191mm	152mm

The Original Multiple Lamp Family of Fixtures

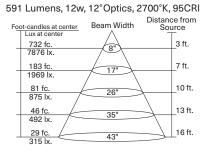
## Standard LED Modules



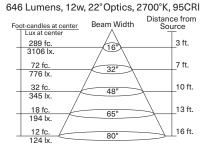
#### LED-506-6



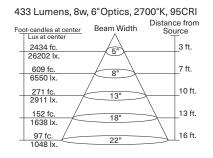
#### LED-512-12



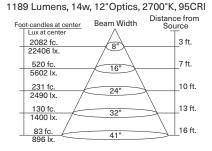
#### LED-512-22



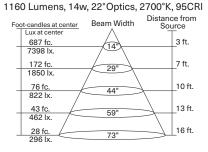
#### LED-708-6



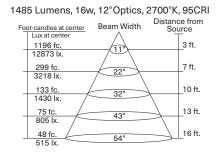
#### LED-714-12



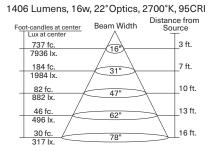
#### LED-714-22



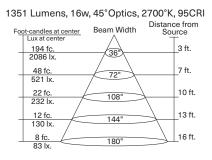
#### LED-716-12



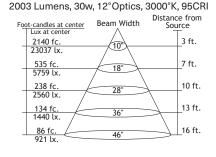
#### LED-716-22



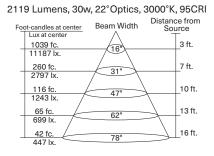
#### LED-716-45



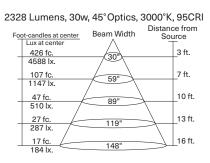
#### LED-930-12



LED-930-22



#### LED-930-45

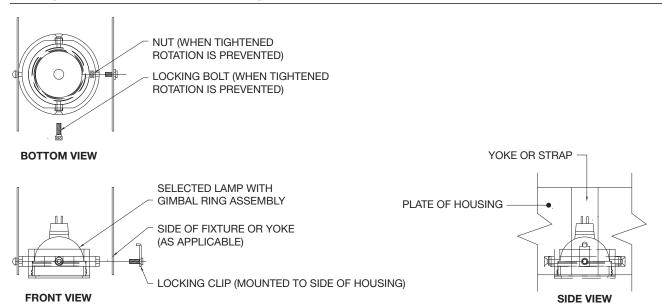


## **Fixture Options**

Modular accessories are used individually or in inventive combinations to shield brightness, reduce glare, vary beam patterns, retain direction, and alter color. Dimensions of all fixture options vary with lamp size.

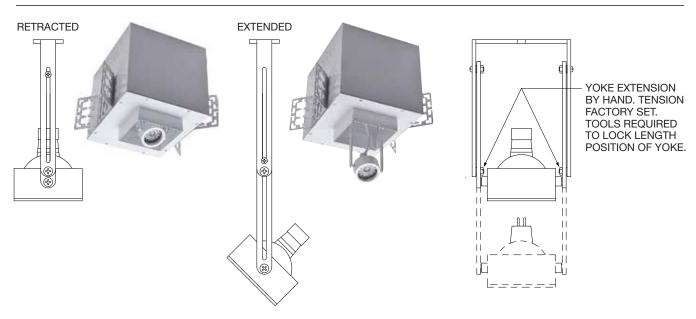
#### Ring Sets and Locking Devices (PATENTED)

ADD -LM TO END OF MODEL NUMBER



#### **Extendable Yokes**

ADD -EY TO END OF MODEL NUMBER

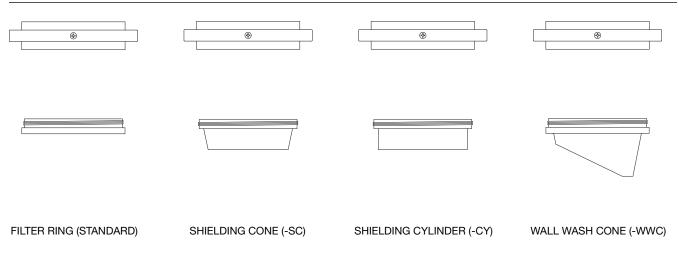


## **Fixture Options**

Modular accessories are used individually or in inventive combinations to shield brightness, reduce glare, vary beam patterns, retain direction, and alter color. Fixture option dimensions vary with lamp size.

#### **Shielding Options**

ADD SHEILDING OPTION CODE (BELOW) TO END OF MODEL NUMBER



#### Filter Media

ADD FILTER MEDIA CODE (BELOW) TO END OF MODEL NUMBER

LED modules accept one 1/8" thick filter. LED direct replacement and legacy lamps accept up to two 1/8" thick filters.

