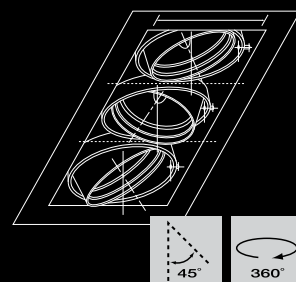


Modular Multiples®

The Original Multiple Lamp Family of Fixtures

Overview





Modular Multiples®

The Original Multiple Lamp Family of Fixtures

Modular International's reputation for superior design solutions is well earned. We created the original multiple lamp fixture concept and continue to be a pioneer in the movement to LED commercial lighting in the United States, Europe and Asia. We are well known world-wide for our rigorous standards in the manufacture of recessed, Aperture®, surface, baffled and stainless steel lighting fixtures.

Modular excels in the development of distinctive, unique programs for commercial and residential applications and holds domestic and international patents and trademarks.

With a comprehensive product line and the ability to customize to meet nearly any special need, we provide the world's leading architects, interior designers, and lighting consultants with the means to express lighting innovations with beauty, efficiency, flexibility, and performance.

1

Apertures®

Recessed - Trimless - New/Old Work



2

Linears®

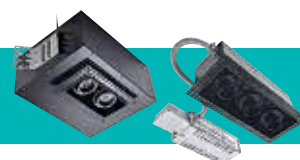
Recessed - Trimless/Trimmed - New/Old Work



3

Trimless

Recessed - New/Old Work



4

Trimmed

Recessed - New/Old Work



5

Solid/Layered

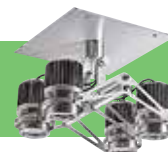
Surface Mounted - New/Old Work



6

Boomerang

Surface Mounted - New/Old Work



7

Grid

Surface Mounted - New/Old Work



Modular Multiples®

The Original Multiple Lamp Family of Fixtures

1

Apertures®

Recessed - Trimless - New/Old Work

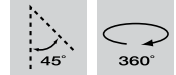


Patented

- Configurations:**
- 1, 2, 3, 4 light units standard
 - Round, square, rectangular apertures, with a standard throat depth of 1-1/2"
 - Customization available

Housing: Fabricated 18 gauge steel housing connected to preformed panel with tape edge on all sides that mates to 5/8" drywall or plaster

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- Finishes:**
- Housing and ring sets powder coated - white or black standard
 - Custom colors available
 - Stainless steel / satin nickel available
 - Panel provided with a white primer finish

- Electrical:**
- Internal electronic power supply(s) / transformer(s) / ballast(s) accessible through the aperture of the fixture
 - Dimmable (not applicable on HID products)
 - One power supply/transformer per lamp 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:

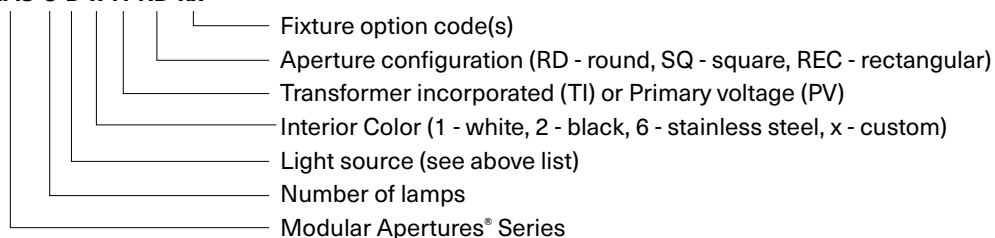
MR16LED (BLD)	MR16 HALOGEN (B)	MR16CMH (BH)
AR111LED (DLD)	AR111 HALOGEN (D)	CDMR111 (S)
PAR30LED (GLD)	PAR30 (G)	PAR30HID (H)
PAR38LED (JLD)	PAR38 (J)	PAR38HID (K)

- Mounting:**
- Housings designed to be supported from above with 3/8" (9mm) all-thread rods
 - Panels designed to be secured to ceiling framing structure via flat head screws through holes provided in tape edge

- Options:**
- 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:

MAS-3-D-x-TI-RD-xx





Modular Multiples®

The Original Multiple Lamp Family of Fixtures

2

Linears®

Recessed - Trimless/Trimmed - New/Old Work



- Configurations:**
- Lamps spaced 6" on center or greater
 - Lamp size determines minimum width, maximum width is unrestricted
 - Articulated arms (optional) increase flexibility of orientation or hide lamp source
 - Available in symmetric and asymmetric configurations
 - Uses all LED modules and legacy lamp sources

- Housing:**
- Extruded aluminum profile with a series of internal steel plates – single lengths up to 10'
 - Connection hardware available for joining multiple pieces to make longer continual lengths
 - Available with extruded aluminum trim or trimless housing with spackle flange
 - 90° and 45° corner sections available

- Finishes:**
- Powder coated: white or black standard, custom colors available
 - Stainless steel / satin nickel available

- Electrical:**
- Internal electronic power supply(s) / transformer(s) / ballast(s) accessible through the aperture of the fixture
 - 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:

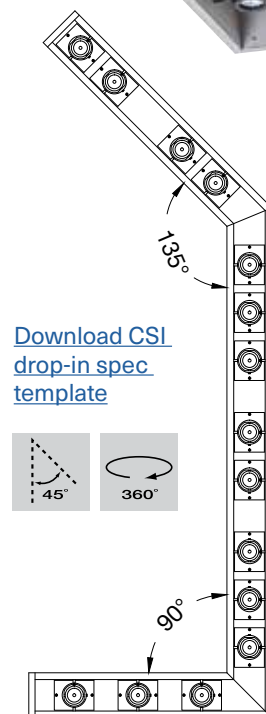
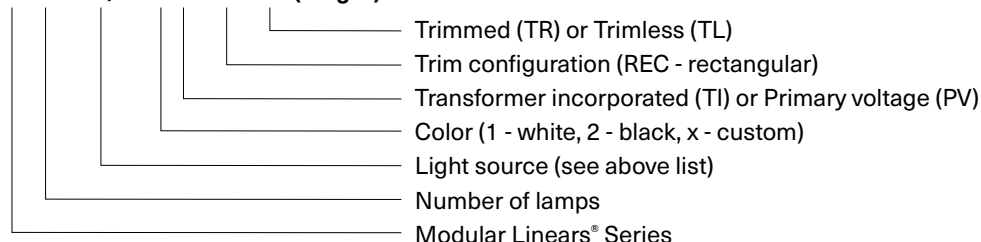
MR16LED (BLD)	MR16 HALOGEN (B)	MR16CMH (BH)
AR111LED (DLD)	AR111 HALOGEN (D)	CDMR111 (S)
PAR30LED (GLD)	PAR30 (G)	PAR30HID (H)
PAR38LED (JLD)	PAR38 (J)	PAR38HID (K)

- Mounting:**
- Fixture is designed to be supported from above with 3/8" (9mm) all-thread rods.
 - Access plates for all thread attachment are positioned throughout the fixture body based on fixture length and lamp spacing allowing for access from below.
 - In addition to the all thread rods, the Trimless models have a spackle flange that will allow for fixture to be secured to surrounding ceiling or wall structure via screws and flange covered with spackling compound for a smooth finished appearance.

- Options:**
- 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:

ML-2-LED/30-x-TI-REC-TR-(length)



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Modular Multiples®

The Original Multiple Lamp Family of Fixtures

3

Trimless

Recessed - New Work



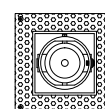
- Configurations:**
- 1, 2, 3, 4 light units standard
 - Custom configurations available

Housing: Fabricated 18 gauge steel housing with perforated spackle flange

- Finishes:**
- Housing and ring sets powder coated – white or black standard
 - Custom colors available
 - Stainless steel / satin nickel available

- Electrical:**
- 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

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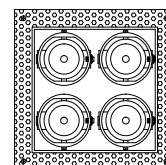
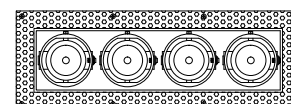
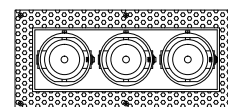
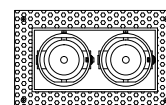
Lamping:

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)

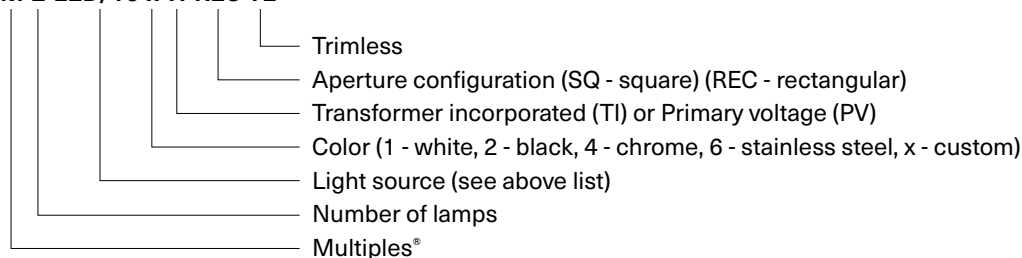


- Mounting:**
- For new construction applications.
 - Recessed housing is installed via adjustable universal mounting brackets and bar hangers prior to the installation of drywall.
 - After drywall is installed, the trimless mounting frame is secured to the housing.
 - Spackling compound is applied over the perforated flange and finished for a smooth appearance.

- Options:**
- 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:**

M-2-LED/16-x-TI-REC-TL





Modular Multiples®

The Original Multiple Lamp Family of Fixtures

3

Trimless

Recessed - New/Old Work

- Configurations:**
- 1, 2, 3, 4 light units standard
 - Custom configurations available

Housing: Fabricated 18 gauge steel housing with perforated spackle flange

- Finishes:**
- Housing and ring sets powder coated – white or black standard
 - Custom colors available
 - Stainless steel / satin nickel available

- Electrical:**
- Attached 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:

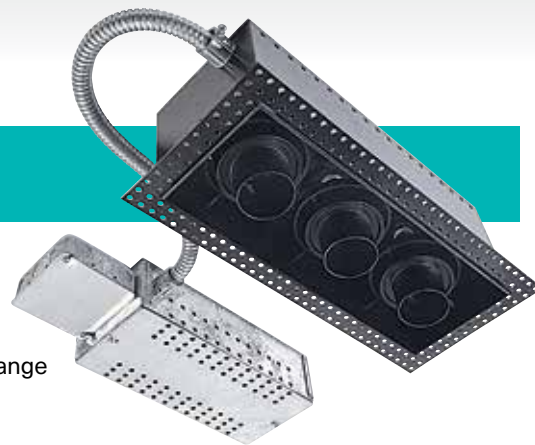
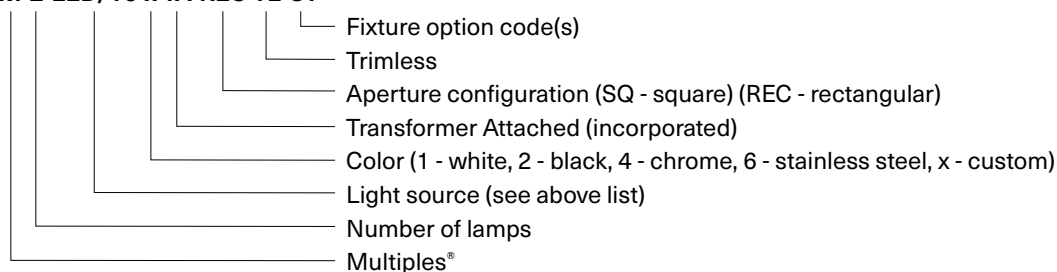
- For applications where ceilings are currently installed.
- An opening is cut into the ceiling material to fit the trimless mounting frame, which is secured to the ceiling or wall structure with the appropriate hardware.
- Spackling compound is applied over the perforated flange and finished for a smooth appearance.
- Fixture wiring connections are made, the fixture is inserted through the installed frame, set in place on top of the frame, and secured with provided hardware.

Options:

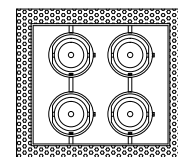
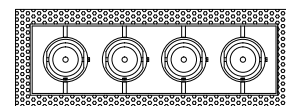
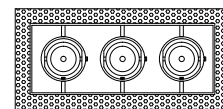
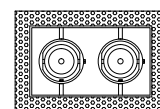
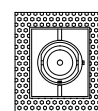
- Patented die-cast aluminum ring sets and locking devices
- Pull down yokes
- Shielding cones
- Filter media
 - LED modules accept one 1/8" thick filter
 - LED direct replacement and legacy lamps accept up to two 1/8" thick filters

Model # example:

M-2-LED/16-x-TA-REC-TL-CY



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Modular Multiples®

The Original Multiple Lamp Family of Fixtures

4

Trimmed

Recessed - New Work



- 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

- Electrical:**
- 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:

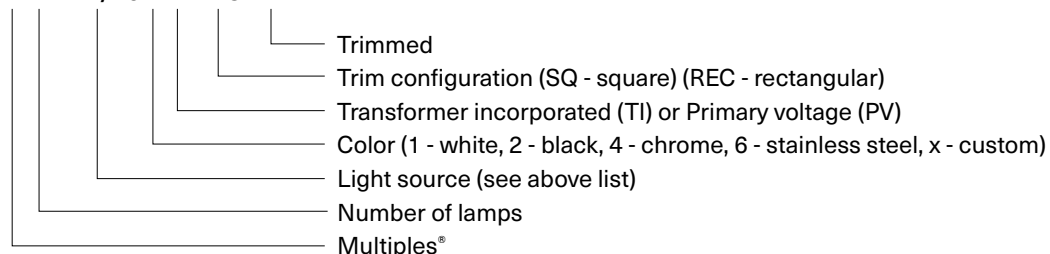
- For new construction applications.
- Recessed housing is installed via adjustable universal mounting brackets and bar hangers prior to the installation of drywall.
- Fixture designed for use in ceiling material with a maximum thickness of 2"

Options:

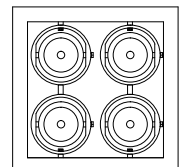
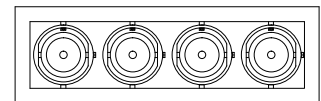
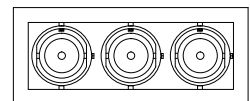
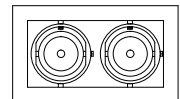
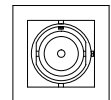
- Patented die-cast aluminum ring sets and locking devices
- Pull down yokes
- Shielding cones
- Filter media
 - LED modules accept one 1/8" thick filter
 - LED direct replacement and legacy lamps accept up to two 1/8" thick filters

**Model #
example:**

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



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Modular Multiples®

The Original Multiple Lamp Family of Fixtures

4

Trimmed

Recessed - New/Old Work



- 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

- Electrical:**
- 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:

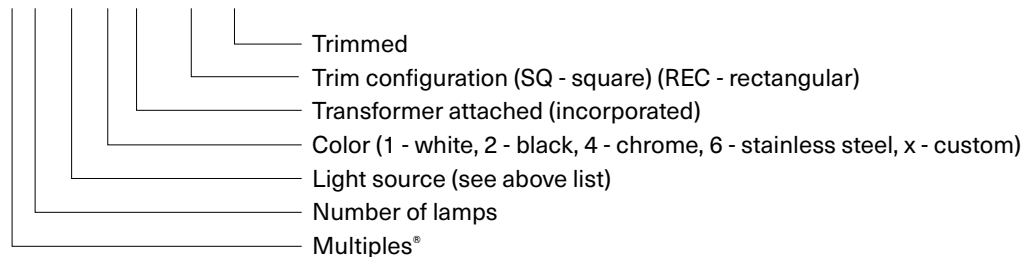
- For applications where ceilings are currently installed.
- An opening is cut into the ceiling material to fit the Mounting Frame.
- Housing connected to 18 gauge galvanized steel transformer / wiring section via 24" flexible metal conduit
- Fixture wiring connections are made and fixture is inserted through the installed frame and secured with provided hardware

Options:

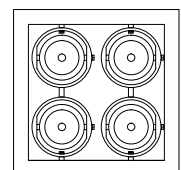
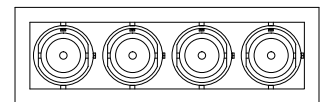
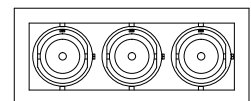
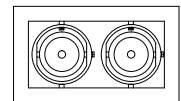
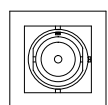
- Patented die-cast aluminum ring sets and locking devices
- Pull down yokes
- Shielding cones
- Filter media
 - LED modules accept one 1/8" thick filter
 - LED direct replacement and legacy lamps accept up to two 1/8" thick filters

**Model #
example:**

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



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Modular Multiples®

The Original Multiple Lamp Family of Fixtures

5

Solid

Surface Mounted - New/Old Work



- Configurations:**
- 1, 2, 3, 4 light configurations standard
 - Round apertures standard
 - Custom configurations available

- Housing:**
- Extruded aluminum body
 - 14 gauge steel face plate

- Finishes:**
- Powder coated - white, black or aluminum standard
 - Custom colors available
 - Stainless steel / satin nickel available

- Electrical:**
- 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:

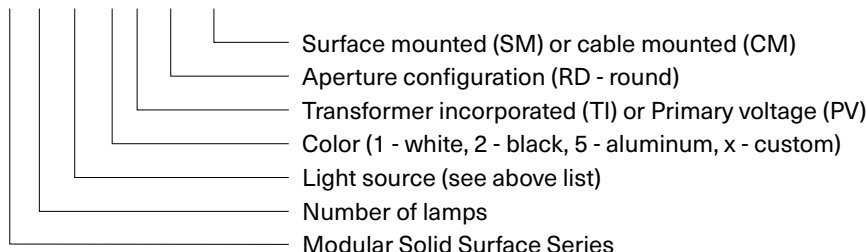
- For applications where ceilings are currently installed.
- Can be wall, ceiling, canopy or pendent mounted with 1/16" braided stainless steel cables.
- Secure to ceiling or wall structure with the appropriate hardware.

Options:

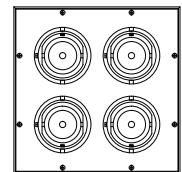
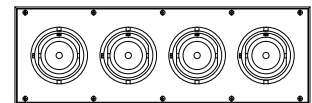
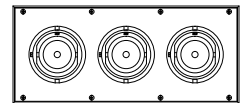
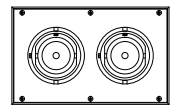
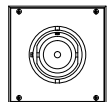
- Patented die-cast aluminum ring sets and locking devices
- Pull down yokes
- Shielding cones
- Filter media
 - LED modules accept one 1/8" thick filter
 - LED direct replacement and legacy lamps accept up to two 1/8" thick filters

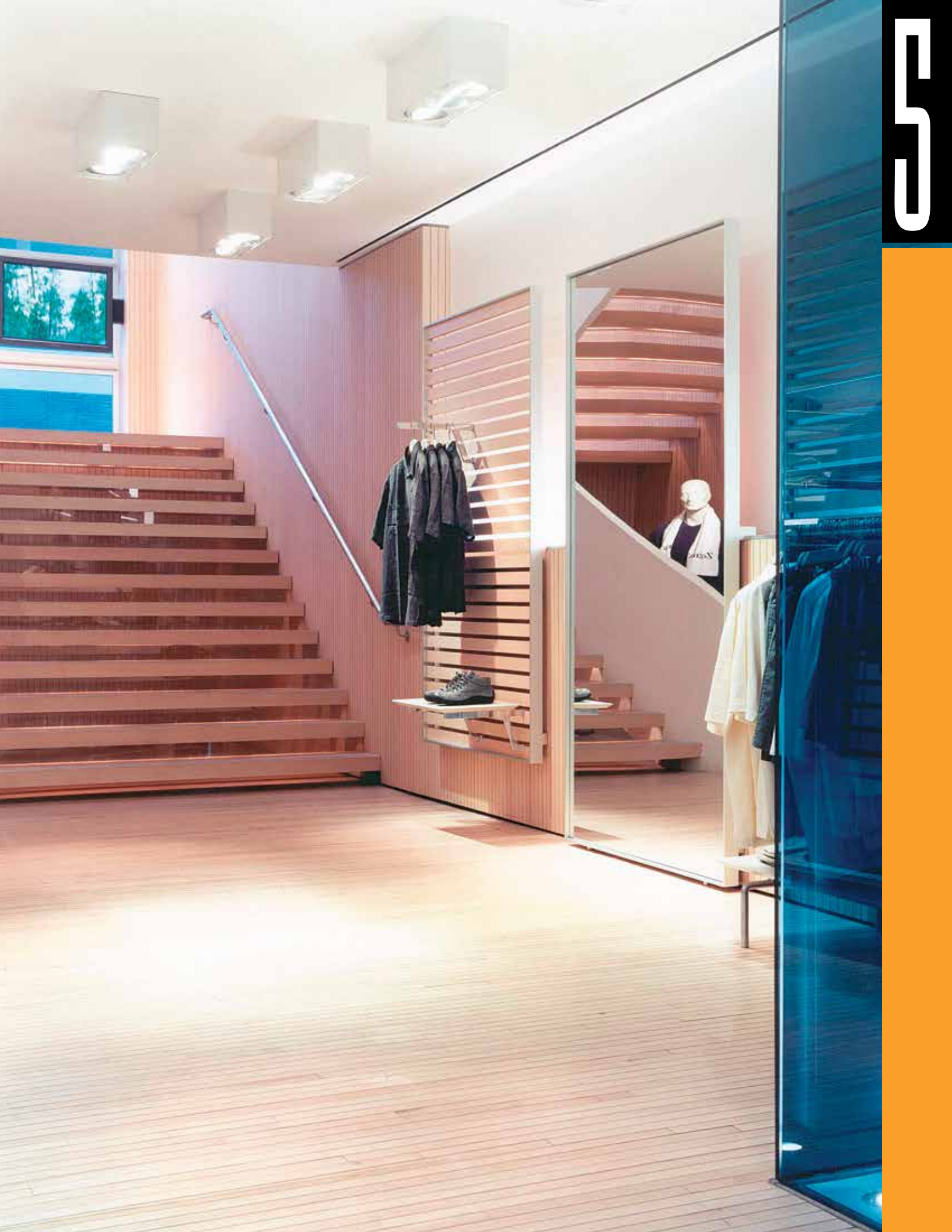
**Model #
example:**

MS-2-JLD-2-TI-RD-SM



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drop-in spec template](#)





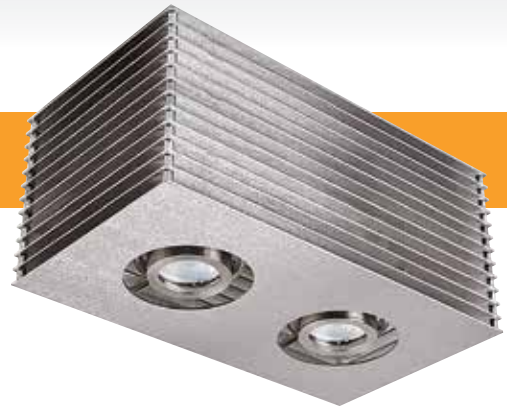
Modular Multiples®

The Original Multiple Lamp Family of Fixtures

5

Layered

Surface Mounted - New/Old Work



- Configurations:**
- 1, 2, 3, 4 light configurations standard
 - Round apertures standard
 - Custom configurations available

Housing: 14 gauge laser cut stainless steel plates

- Finishes:**
- Stainless steel / satin nickel standard
 - Powder coated custom colors available

- Electrical:**
- 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:

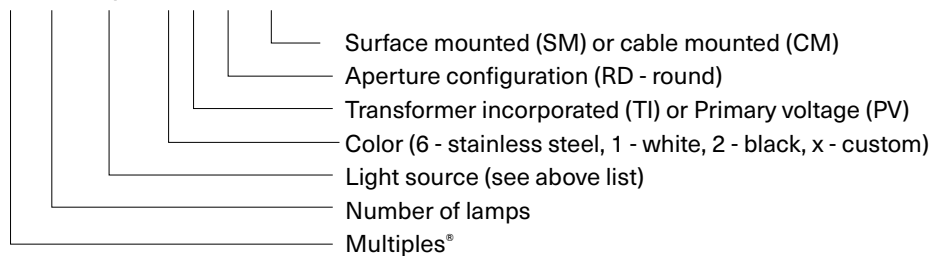
MR16LED (BLD)	MR16 HALOGEN (B)	MR16CMH (BH)
AR111LED (DLD)	AR111 HALOGEN (D)	CDMR111 (S)
PAR30LED (GLD)	PAR30 (G)	PAR30HID (H)
PAR38LED (JLD)	PAR38 (J)	PAR38HID (K)

- Mounting:**
- For applications where ceilings are currently installed.
 - Can be wall, ceiling, canopy or pendent mounted with 1/16" braided stainless steel cables.
 - Secure to ceiling or wall structure with the appropriate hardware.

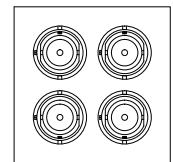
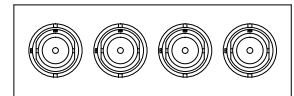
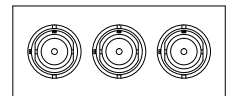
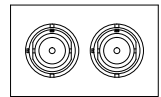
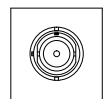
- Options:**
- Patented die-cast aluminum ring sets and locking devices
 - Shielding cones
 - Filter media
 - LED modules accept one 1/8" thick filter
 - LED direct replacement and legacy lamps accept up to two 1/8" thick filters

Model #
example:

MLS-2-LED/30-6-TI-RD-SM



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Modular Multiples®

The Original Multiple Lamp Family of Fixtures

6

Boomerang

Surface Mounted - New/Old Work



Configurations: 1, 2, 4 light units standard

Housing:

- Extruded and machined aluminum body
- 16 gauge stainless steel canopy

Finishes:

- Stainless steel / satin nickel rings and canopy
- Silver powder coated accent pieces standard
- Powder coated custom colors available

Electrical:

- Internal electronic power supply(s) / transformer(s) / ballast(s)
- Dimmable
- One power supply / transformer per lamp allowing for multi-circuit wiring
- 120v and 277v available Listed to UL1598 standards

Lamping: Elements™ LED Modules

16w LED-516-14	16w LED-516-21	16w LED-516-34
30w LED-530-14	30w LED-530-21	30w LED-530-34

Mounting: Recessed or surface mounted canopies available

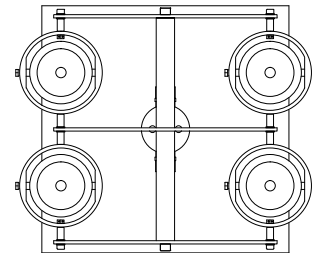
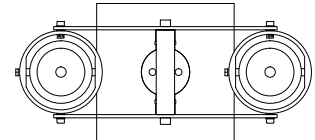
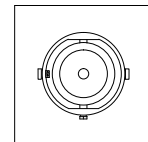
Options:

- Patented die-cast aluminum ring sets and locking devices
- Shielding cones
- Filter media (LED modules accept one 1/8" thick filter)

Model # example: MBS-4-LED/30-6-TI-R

Recessed canopy (R) or surface canopy (S)
Transformer incorporated (TI) or Primary voltage (PV)
Color (6 - stainless steel, 1 - white, 2 - black, x - custom)
Light source (see above list)
Number of lamps
Modular Boomerang Series

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7

Grid

Surface Mounted - New/Old Work

- Configurations:**
- 2, 3, 4 light units standard
 - Custom available

Housing: Extruded and waterjet cut aluminum components

- Finishes:**
- Powder coated white, black and aluminum standard
 - Powder coated custom colors available

- Electrical:**
- 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:

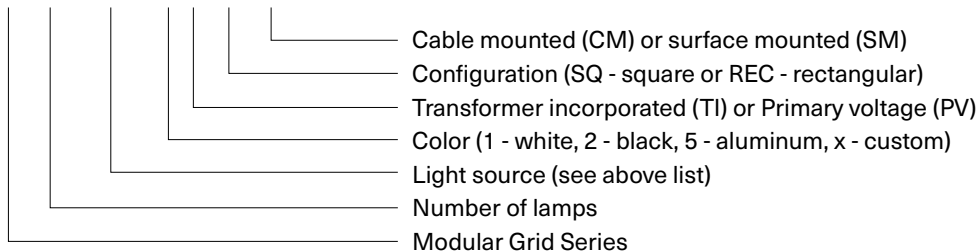
MR16LED (BLD)	MR16 HALOGEN (B)	MR16CMH (BH)
AR111LED (DLD)	AR111 HALOGEN (D)	CDMR111 (S)
PAR30LED (GLD)	PAR30 (G)	PAR30HID (H)
PAR38LED (JLD)	PAR38 (J)	PAR38HID (K)

- Mounting:**
- For applications where ceilings are currently installed.
 - Can be wall, ceiling, canopy or pendent mounted with 1/16" braided stainless steel cables.
 - Secure to ceiling or wall structure with the appropriate hardware.

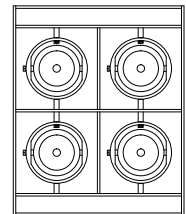
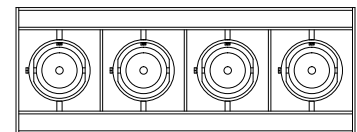
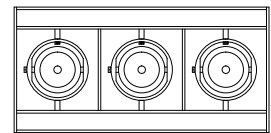
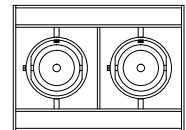
- Options:**
- Patented die-cast aluminum ring sets and locking devices
 - Shielding cones
 - Filter media
 - LED modules accept one 1/8" thick filter
 - LED direct replacement and legacy lamps accept up to two 1/8" thick filters

Model #
example:

MGS-4-LED/30-1-TI-SQ-CM



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Modular Multiples®



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

6,568,826B1	6,692,139B2	6,820,999B2	7,207,698B2
6,896,391B2	6,969,182B2	6,997,267B2	6,997,574B2
7,036,953B2	6,745,785B2	7,300,176B2	7,478,921B1
D520,666S	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 on the enclosed photographs. The photographs, however, are not intended to imply that the various owners of the projects endorse our products or use our products exclusively.

