

# Modular Multiples®

## 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

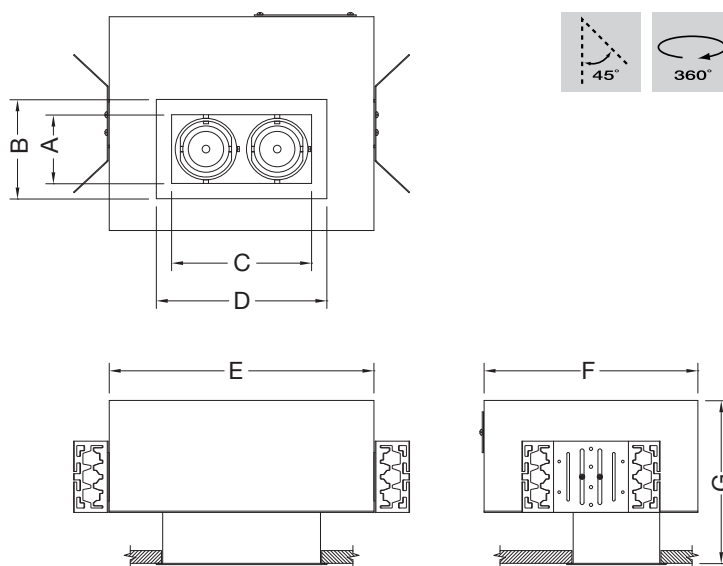


M-2-LED/16-1-TI-REC-TR

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

Other configurations available.

[Download CSI drop-in spec template](#)



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

# 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:**

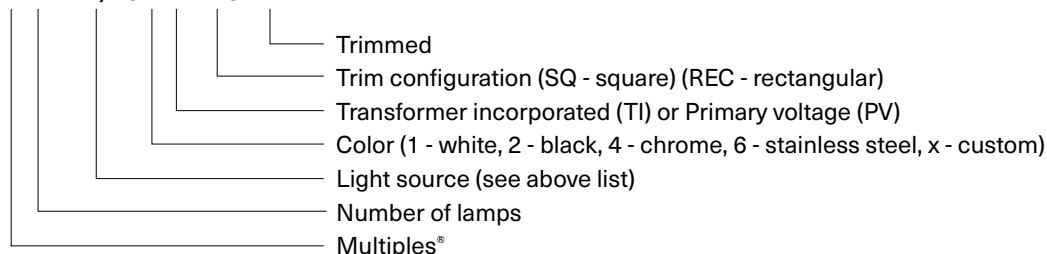
- For new construction applications.
- Recessed housing is installed via adjustable universal mounting brackets and bar hangers prior to the installation of drywall.
- Fixture designed for use in ceiling material with a maximum thickness of 2"

**Options:**

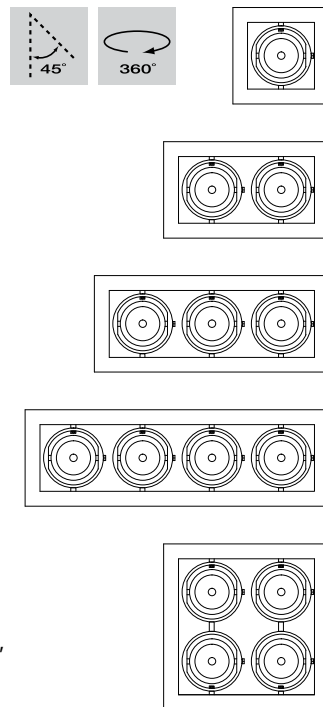
- Patented die-cast aluminum ring sets and locking devices
- Pull down yokes
- Shielding cones
- Filter media
  - LED modules accept one 1/8" thick filter
  - LED direct replacement and legacy lamps accept up to two 1/8" thick filters

**Model #  
example:**

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

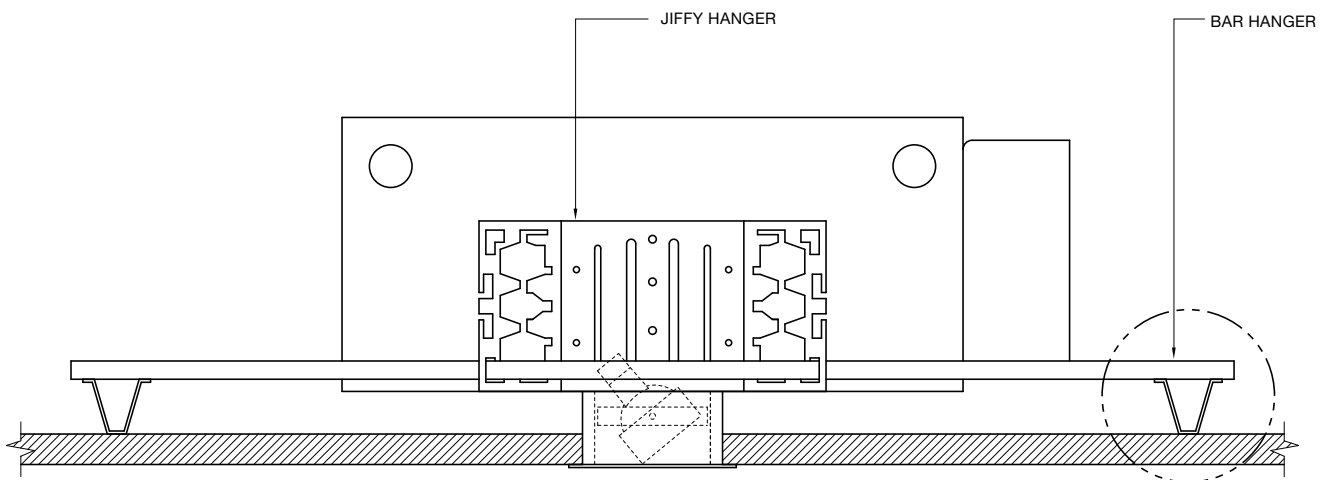
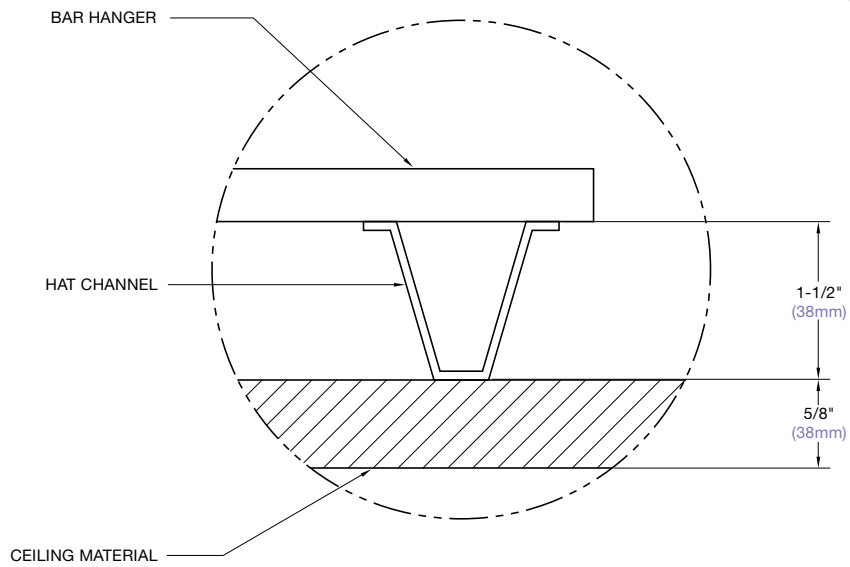


[Download CSI  
drop-in spec template](#)



# Modular Multiples®

## Trimmed Typical Installation



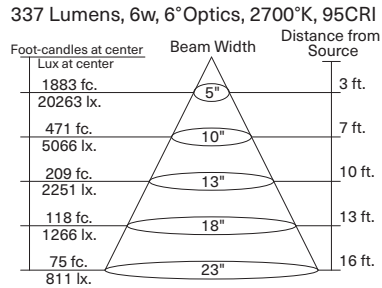
# Modular Multiples®

The Original Multiple Lamp Family of Fixtures

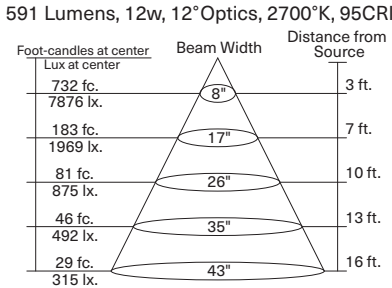


## Standard LED Modules

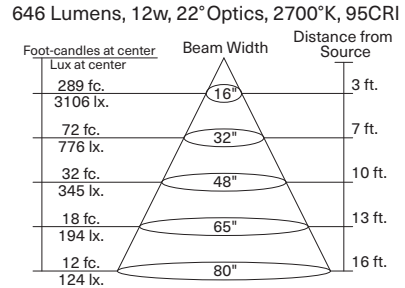
### LED-506-6



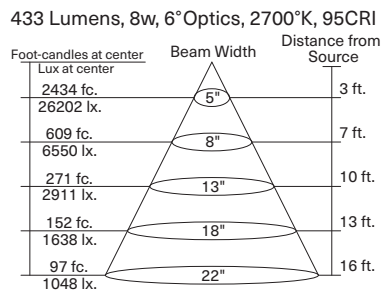
### LED-512-12



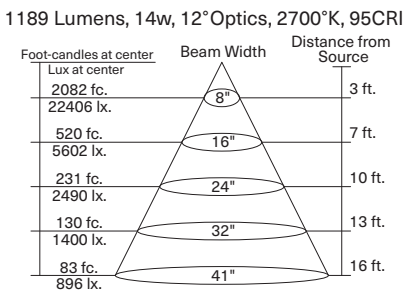
### LED-512-22



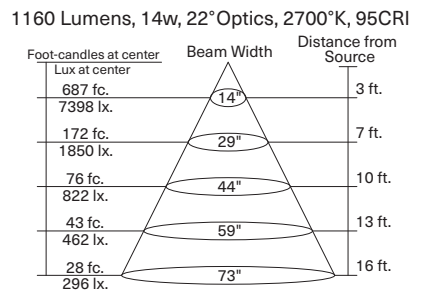
### LED-708-6



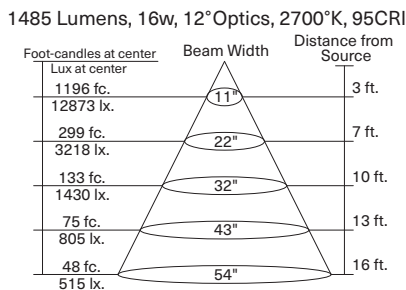
### LED-714-12



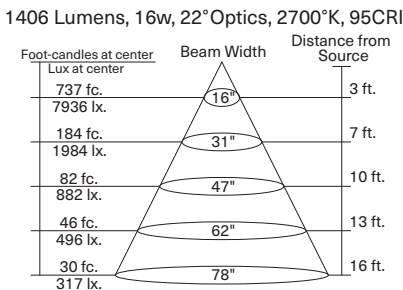
### LED-714-22



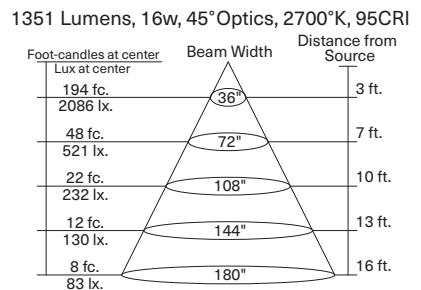
### LED-716-12



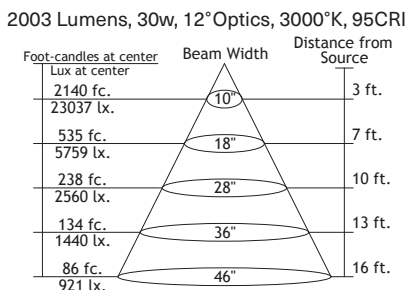
### LED-716-22



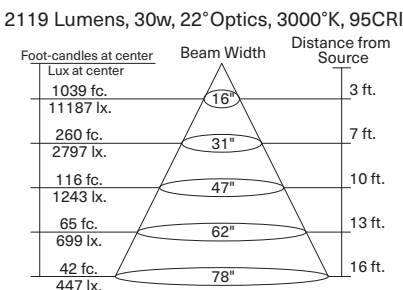
### LED-716-45



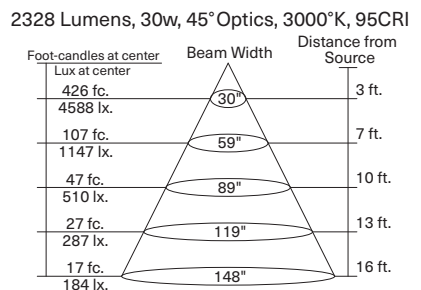
### LED-930-12



### LED-930-22



### LED-930-45



# Modular International, Inc.



## Elements™ 16w LED Module

**16<sub>w</sub>**

**Model :** LED-516

**Wattage:** 16

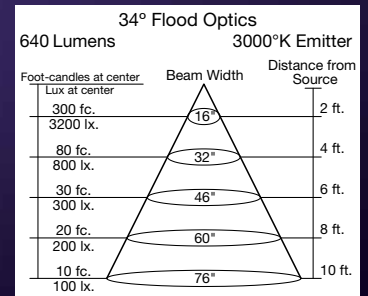
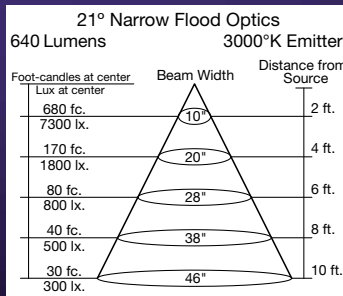
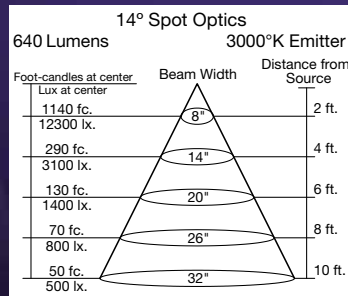
**Lumens:** 640 at 3000°K

**Kelvin Temperature:** 2850°K or 3000°K (+/- 2%)

**Standard CRI:** 95

**Accessories and customization available:** Tuning, dimming, beam angles, Kelvin temperature, shielding and filtering

**Beam Angles:** 14° Spot, 21° Narrow Flood, 34° Flood, 6° beam angle also available



## Elements™ 30w LED Module

**30<sub>w</sub>**

**Model :** LED-530

**Wattage:** 30

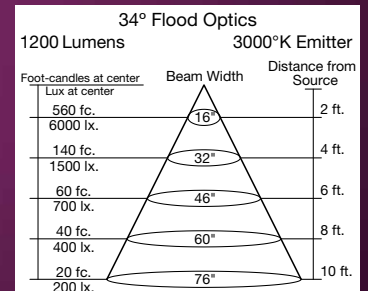
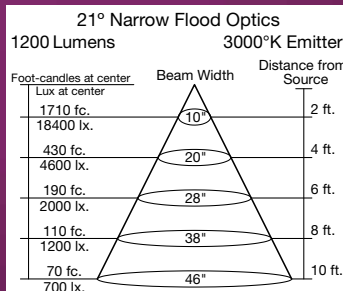
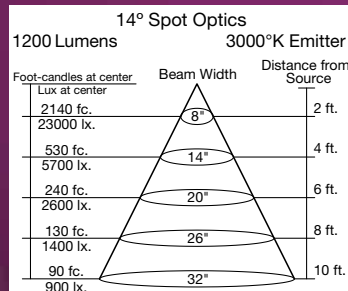
**Lumens:** 1200 at 3000°K

**Kelvin Temperature:** 2850°K or 3000°K (+/- 2%)

**Standard CRI:** 95

**Accessories and customization available:** Tuning, dimming, beam angles, Kelvin temperature, shielding and filtering

**Beam Angles:** 14° Spot, 21° Narrow Flood, 34° Flood, 6° beam angle also available



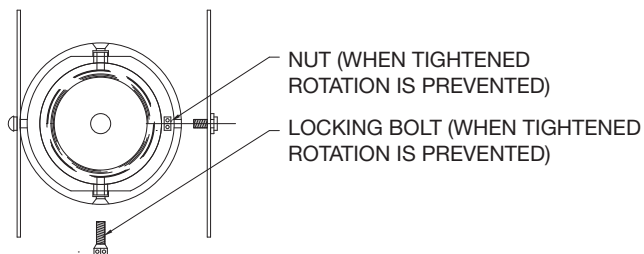
# Modular Multiples®

## 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.

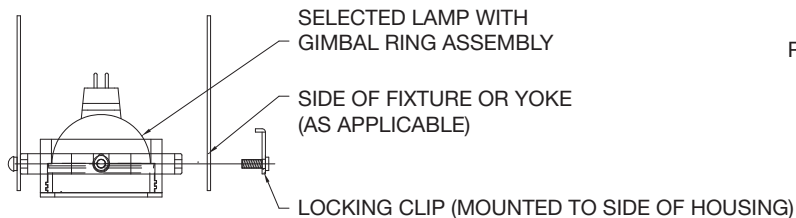
### Ring Sets and Locking Devices (PATENTED)

ADD -LM TO END OF MODEL NUMBER



NUT (WHEN TIGHTENED  
ROTATION IS PREVENTED)  
LOCKING BOLT (WHEN TIGHTENED  
ROTATION IS PREVENTED)

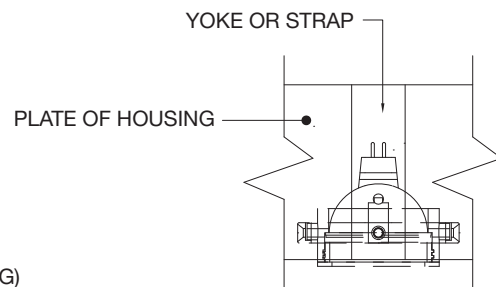
**BOTTOM VIEW**



SELECTED LAMP WITH  
GIMBAL RING ASSEMBLY  
SIDE OF FIXTURE OR YOKE  
(AS APPLICABLE)

LOCKING CLIP (MOUNTED TO SIDE OF HOUSING)

**FRONT VIEW**



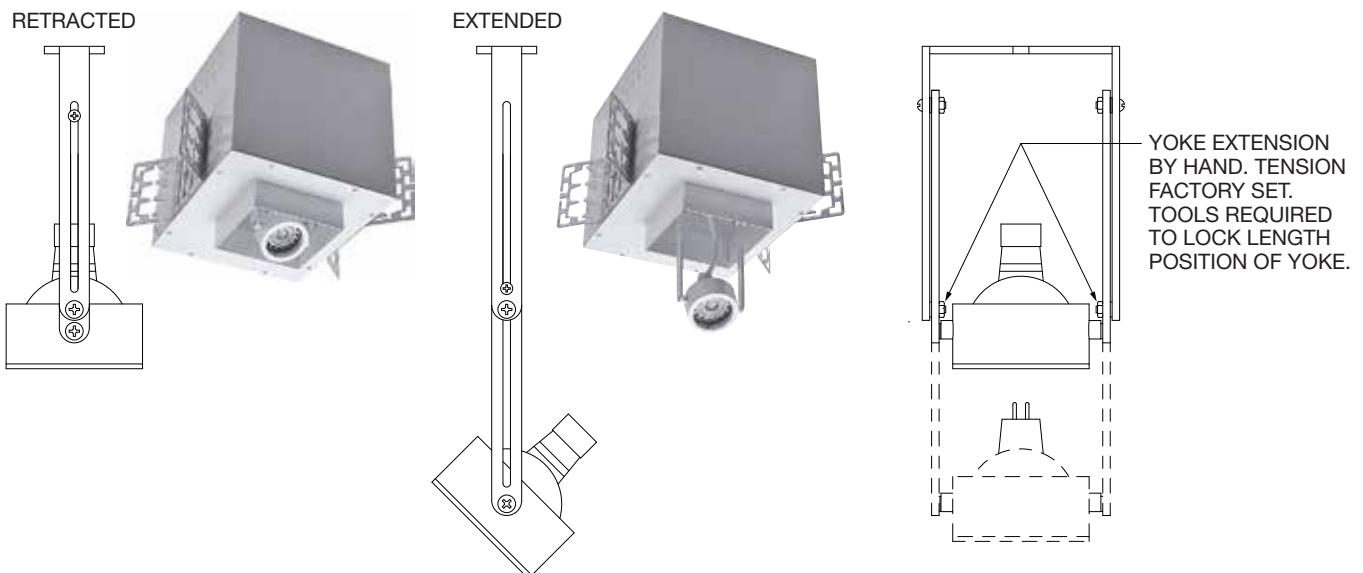
YOKE OR STRAP

PLATE OF HOUSING

**SIDE VIEW**

### Extendable Yokes

ADD -EY TO END OF MODEL NUMBER



RETRACTED

EXTENDED

YOKE EXTENSION  
BY HAND. TENSION  
FACTORY SET.  
TOOLS REQUIRED  
TO LOCK LENGTH  
POSITION OF YOKE.

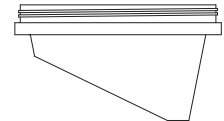
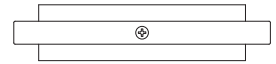
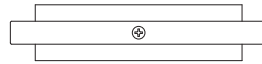
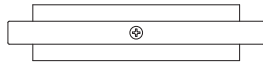
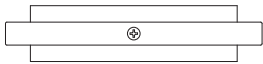
# Modular Multiples®

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### Shielding Options

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



FILTER RING (STANDARD)

SHIELDING CONE (-SC)

SHIELDING CYLINDER (-CY)

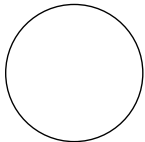
WALL WASH CONE (-WWC)

### Filter Media

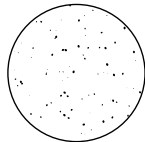
ADD FILTER MEDIA CODE (BELOW) TO END OF MODEL NUMBER

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

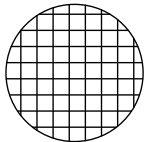
CLEAR GLASS (-CG)



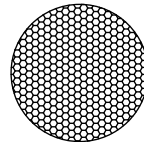
DIFFUSING SPREAD (-DS)



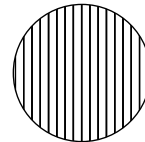
CUBE CELL LOUVER (-CL)



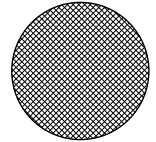
HEXCELL LOUVER (-HL)



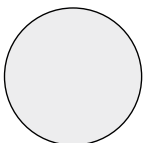
LINEAR SPREAD (-LS)



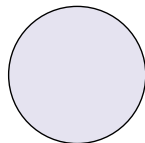
PRISMATIC WIDE SPREAD (-PS)



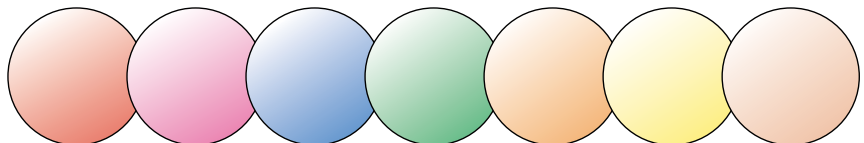
SATIN ETCHED (-SE)



UV BLOCKING (-UB)



DICHROIC



RED (-DR)

MAGENTA (-DM)

BLUE (-DB)

GREEN (-DG)

AMBER (-DA)

YELLOW (-DY)

PEACH (-DP)