

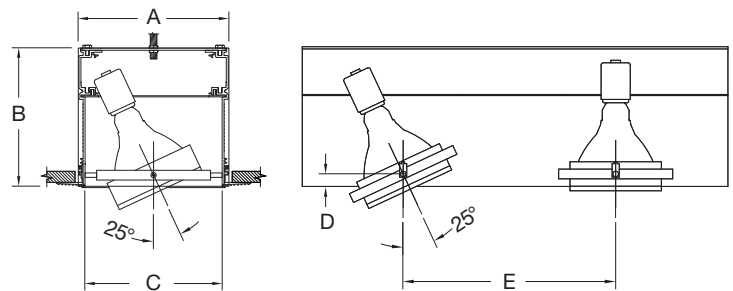
Modular Multiples®

Linears®

Recessed/Surface - Trimless/Trimmed - New/Old Work

Built to your specifications, these extruded housings enable unbroken fixture lengths up to 10 feet (3 meters). Lamp size determines minimum width; maximum width is unrestricted with housing connection hardware. Articulated arms (optional) increase flexibility of orientation or hide lamp source. May be ordered trimmed or trimless, in symmetric and asymmetric configurations. Uses all LED and legacy lamp sources. (patent #6,234,644)

Linears® Recessed Trimmed Three Lamp



ML-3-JLD-2-PV-REC-TR-1-96"

Modular Multiples® Linears® Series, three PAR38LED lamps spaced ~40" on center, recessed extruded aluminum black housing, rectangular aperture, white trimmed configuration shown. Other configurations available. (patent #6,234,644)

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

LAMPS and DIMENSIONS	A	B	C	D	E
LED/30	6-15/16" (176mm)	7-13/16" (198mm)	6-1/4" (159mm)	25/32" (20mm)	Min.: 7" (178mm)
LED506, 513 MR16LED / MR16	4-5/8" (118mm)	7-13/16" (198mm)	3-7/8" (99mm)	1-1/2" (38mm)	Min.: 6" (152mm)
LED708, 714, 716, 930 AR111LED / AR111	8-1/2" (216mm)	7-13/16" (198mm)	7-3/4" (197mm)	1-1/2" (38mm)	Min.: 9" (229mm)
PAR38LED / PAR38	8-1/2" (216mm)	7-13/16" (198mm)	7-3/4" (197mm)	23/32" (18mm)	Min.: 12" (305mm)

Modular Multiples®

The Original Multiple Lamp Family of Fixtures



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:

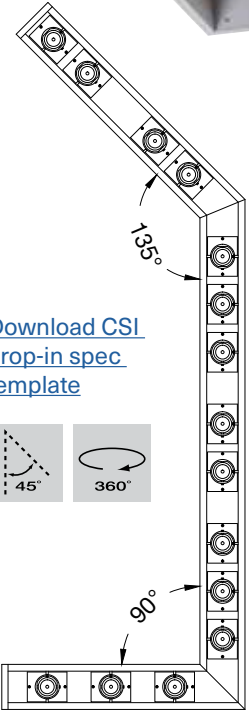
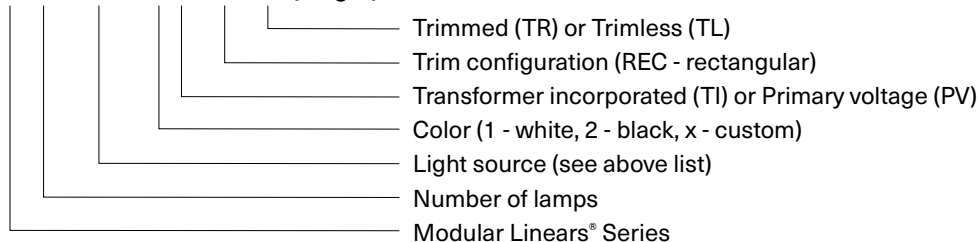
MR16LED (BLD)	MR16 HALOGEN (B)	MR16CMH (BH)
AR111LED (DLD)	AR111 HALOGEN (D)	CDMR111 (S)
PAR30LED (GLD)	PAR30 (G)	PAR30HID (H)
PAR38LED (JLD)	PAR38 (J)	PAR38HID (K)

- 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:

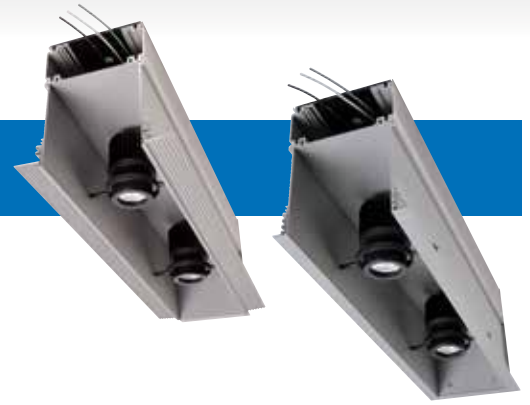
ML-2-LED/30-x-TI-REC-TR-(length)



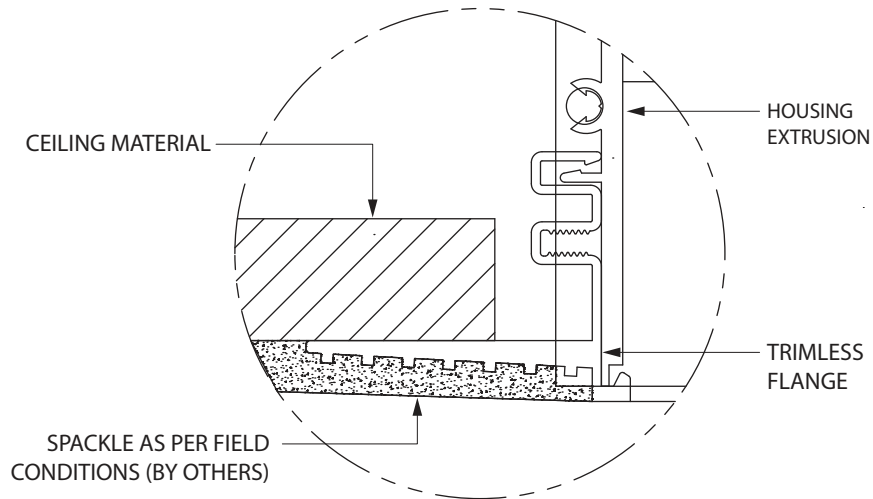
[Download CSI drop-in spec template](#)

Modular Multiples®

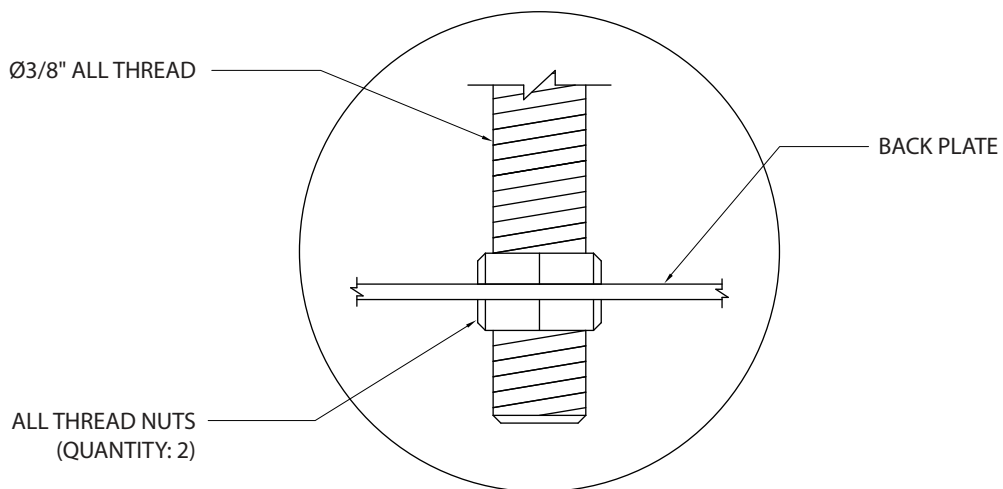
Linears® Typical Installation



TYPICAL TRIMLESS INSTALLATION



FIXTURE IS DESIGNED TO BE SUPPORTED FROM ABOVE WITH 3/8" (9MM) ALL-THREAD RODS



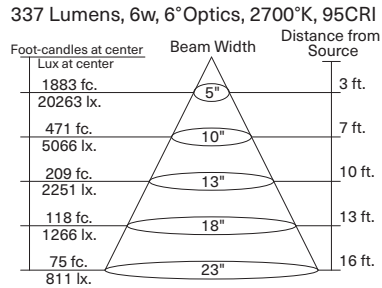
Modular Multiples®

The Original Multiple Lamp Family of Fixtures

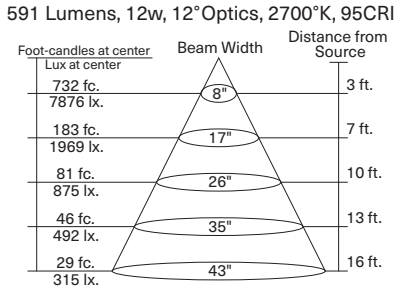


Standard LED Modules

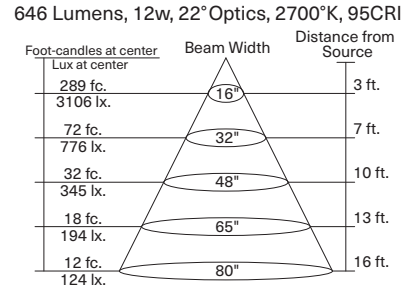
LED-506-6



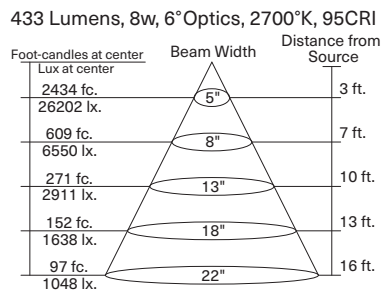
LED-512-12



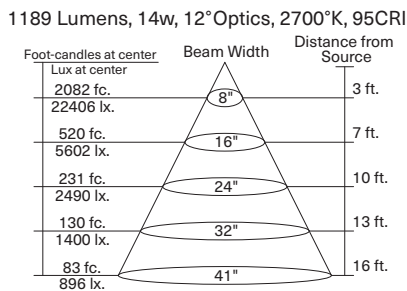
LED-512-22



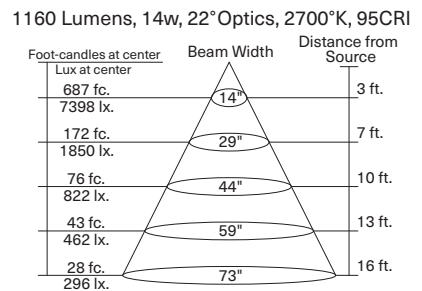
LED-708-6



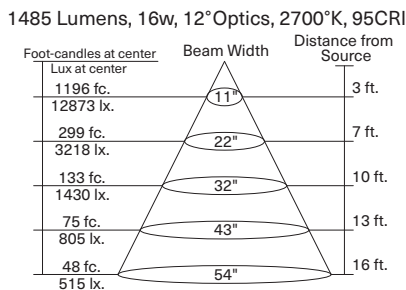
LED-714-12



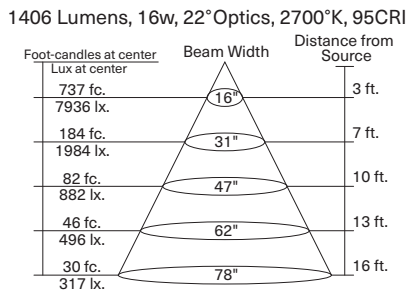
LED-714-22



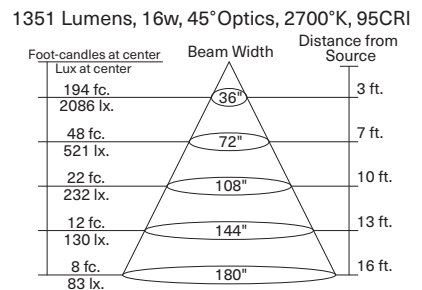
LED-716-12



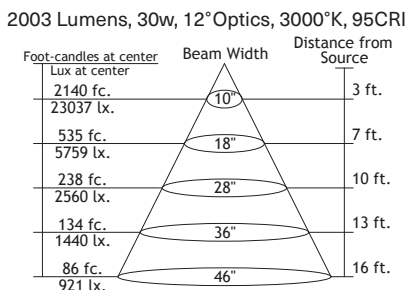
LED-716-22



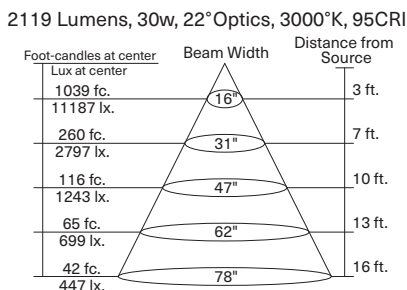
LED-716-45



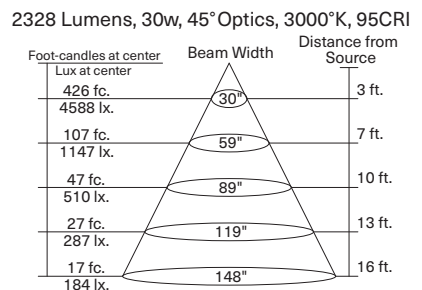
LED-930-12



LED-930-22



LED-930-45



Modular International, Inc.



Elements™ 16w LED Module

16_w

Model : LED-516

Wattage: 16

Lumens: 640 at 3000°K

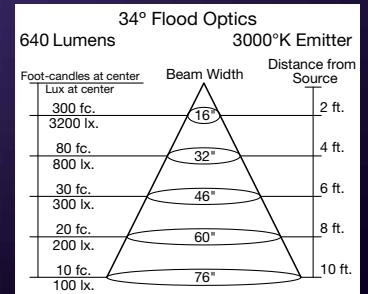
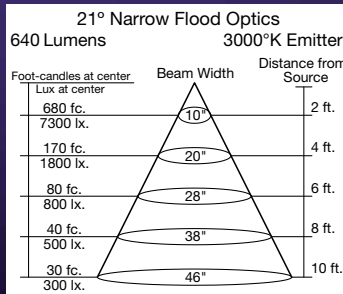
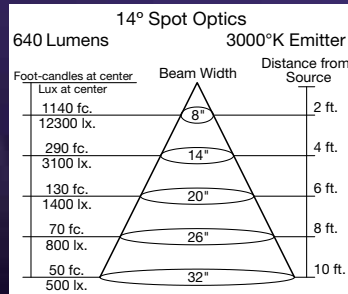
Equivalent : 50w MR16

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_w

Model : LED-530

Wattage: 30

Lumens: 1200 at 3000°K

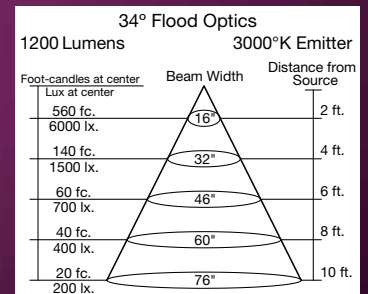
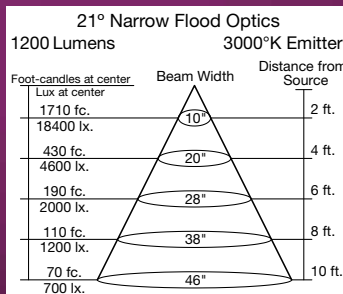
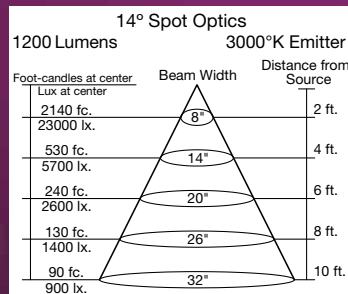
Equivalent : 20w MR16 Metal Halide

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



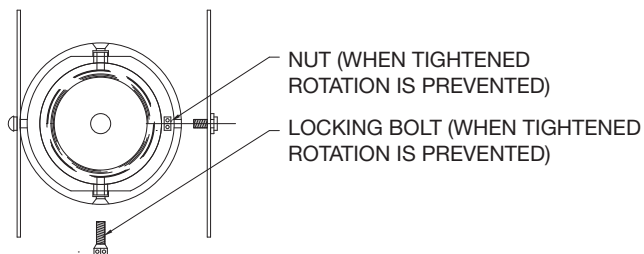
Modular Multiples®

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.

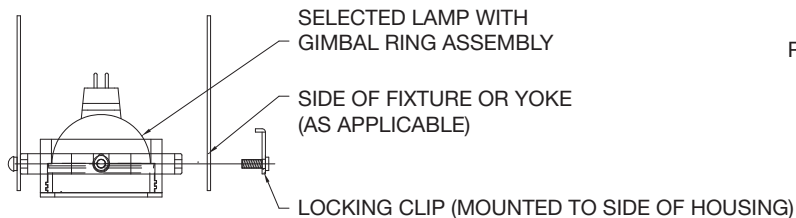
Ring Sets and Locking Devices (PATENTED)

ADD -LM TO END OF MODEL NUMBER



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

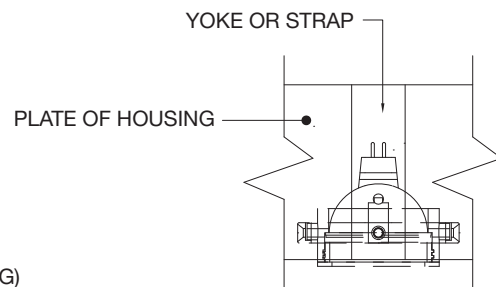
BOTTOM VIEW



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

LOCKING CLIP (MOUNTED TO SIDE OF HOUSING)

FRONT VIEW



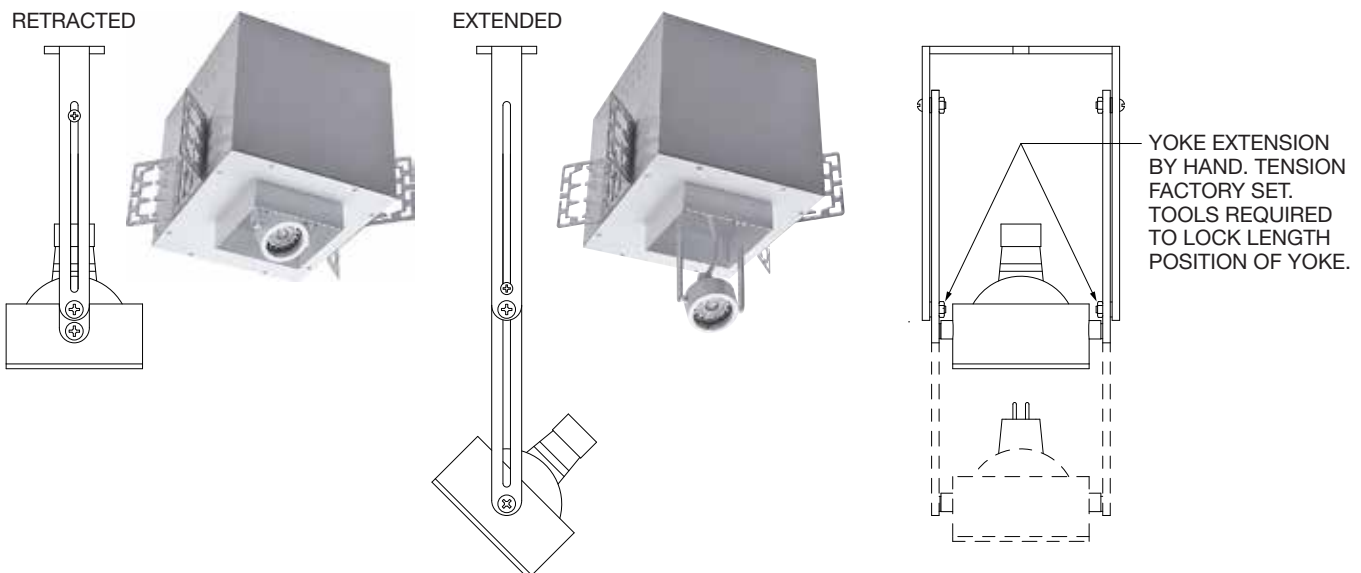
YOKE OR STRAP

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.

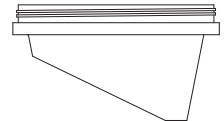
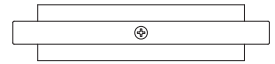
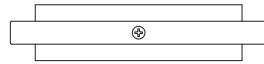
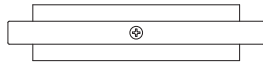
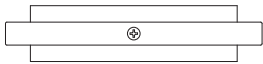
Modular Multiples®

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 SHIELDING OPTION CODE (BELOW) TO END OF MODEL NUMBER



FILTER RING (STANDARD)

SHIELDING CONE (-SC)

SHIELDING CYLINDER (-CY)

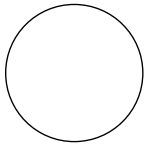
WALL WASH CONE (-WWC)

Filter Media

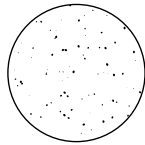
ADD FILTER MEDIA CODE (BELOW) TO END OF MODEL NUMBER

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

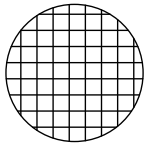
CLEAR GLASS (-CG)



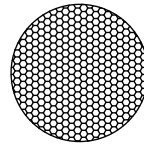
DIFFUSING SPREAD (-DS)



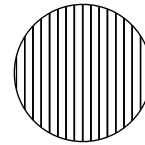
CUBE CELL LOUVER (-CL)



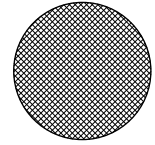
HEXCELL LOUVER (-HL)



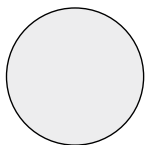
LINEAR SPREAD (-LS)



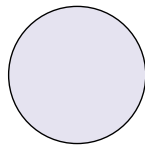
PRISMATIC WIDE SPREAD (-PS)



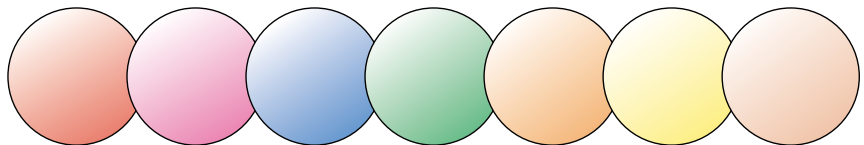
SATIN ETCHED (-SE)



UV BLOCKING (-UB)



DICHROIC



RED (-DR)

MAGENTA (-DM)

BLUE (-DB)

GREEN (-DG)

AMBER (-DA)

YELLOW (-DY)

PEACH (-DP)