

Solid[®] Surface Mounted New/Old Work

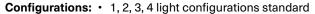
This leaflet contains products covered under one or more of the following US Patent Numbers:

following US Patent Numbers:
6.568,82681 6,692,13982
6,920,99982 7,207,69882
6,996,18282
6,997,26782 6,997,57482
7,300,17682 7,478,92181
D520,666S D530,038S
D537,553S D819,857
D818,624
D818,622 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

Surface Mounted - New/Old Work



· 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

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

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.

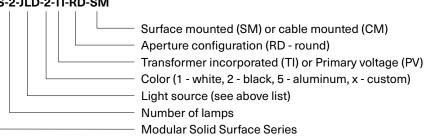
· Patented die-cast aluminum ring sets and locking devices

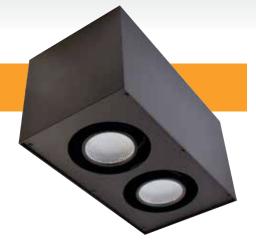
- · Pull down yokes
- · Shielding cones
- · Filter media
 - LED modules accept one 1/8" thick filter
 - LED direct replacement and legacy lamps accept up to two 1/8" thick filters

Model # example:

Options:

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



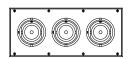


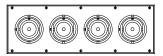


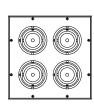










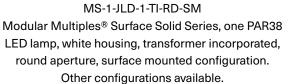


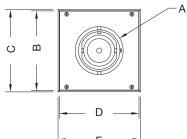
Solid

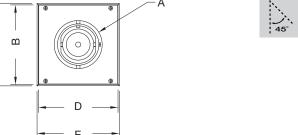
Outstanding flexibilty and design excellence in surface mounted configurations for applications where ceilings are currently installed. Fixtures can be wall, ceiling, canopy or pendent mounted with 1/16" braided stainless steel cables.

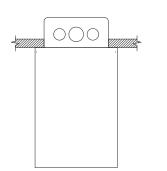
One Lamp

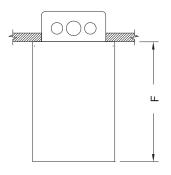












LAMPS and DIMENSIONS	Α	В	C	D	E	F
LED506, LED513 /	Ø3-1/2"	5-13/16"	6"	5-13/16"	6"	8-3/4"
MR16LED / MR16	Ø89mm	148mm	152mm	148mm	152mm	222mm
LED708, 714, 716, 930 /	Ø6-1/2"	8-13/16"	9"	8-13/16"	9"	8-3/4"
AR111LED / AR111	Ø165mm	224mm	229mm	224mm	229mm	222mm
PAR38LED / PAR38	Ø7"	9-13/16"	10"	9-13/16"	10"	8-3/4"
	Ø178mm	249mm	254mm	249mm	254mm	222mm

Solid

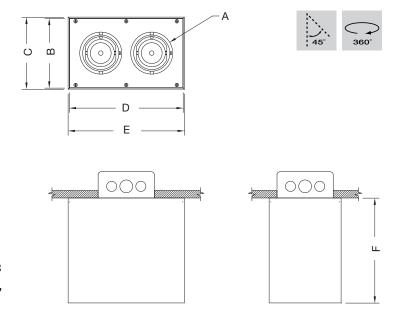
Surface Mounted - New/Old Work

Outstanding flexibilty and design excellence in surface mounted configurations for applications where ceilings are currently installed. Can be wall, ceiling, canopy or pendent mounted with 1/16" braided stainless steel cables.

Two Lamp



MS-2-JLD-2-TI-RD-SM
Modular Multiples® Surface Solid Series, two PAR38
LED lamps, black housing, transformer incorporated,
round aperture, surface mounted configuration.
Other configurations available.



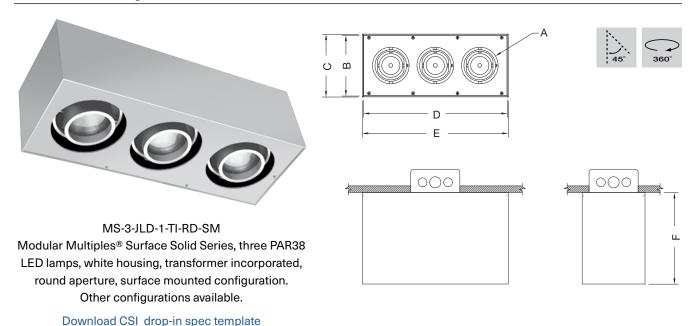
LAMPS and DIMENSIONS	Α	В	С	D	E	F
LED506, LED513 /	Ø3-1/2"	5-13/16"	6"	9-1/2"	9-11/16"	8-3/4"
MR16LED / MR16	Ø89mm	148mm	152mm	241mm	246mm	222mm
LED708, 714, 716, 930 /	Ø6-1/2"	8-13/16"	9"	1'4-1/16"	1'4-1/4"	8-3/4"
AR111LED / AR111	Ø165mm	224mm	229mm	408mm	413mm	222mm
PAR38LED / PAR38	Ø7"	9-13/16"	10"	1'7-5/16"	1'7-1/2"	8-3/4"
	Ø178mm	249mm	254mm	495mm	495mm	222mm

Solid

Surface Mounted - New/Old Work

Outstanding flexibilty and design excellence in surface mounted configurations for applications where ceilings are currently installed. Can be wall, ceiling, canopy or pendent mounted with 1/16" braided stainless steel cables.

Three Lamp



LAMPS and DIMENSIONS Α В С D E F LED506, LED513 / Ø3-1/2" 5-13/16" 6" 1'1-3/4" 1'1-15/16" 8-3/4" MR16LED / MR16 Ø89mm 152mm 354mm 222mm 148mm 349mm LED708, 714, 716, 930 / Ø6-1/2" 9" 1'11-1/2" 8-13/16" 1'11-5/16' 8-3/4" AR111LED / AR111 222mm Ø165mm 224mm 229mm 592mm 597mm

9-13/16"

249mm

10"

254mm

2'4-13/16"

732mm

2'5"

737mm

8-3/4"

222mm

PAR38LED / PAR38

Ø7"

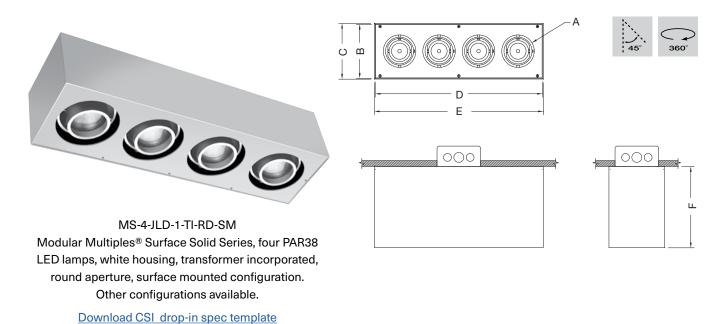
Ø178mm

Solid

Surface Mounted - New/Old Work

Outstanding flexibilty and design excellence in surface mounted configurations for applications where ceilings are currently installed. Can be wall, ceiling, canopy or pendent mounted with 1/16" braided stainless steel cables.

Four Lamp



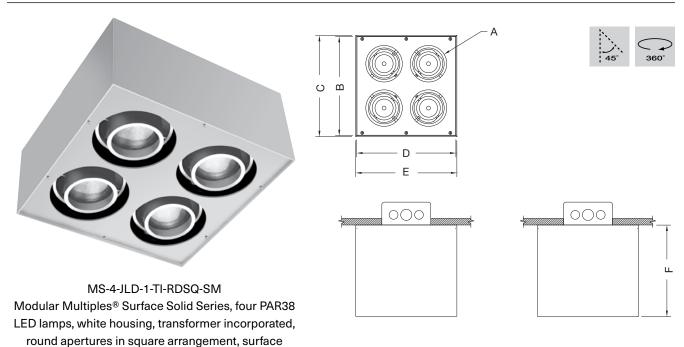
LAMPS and DIMENSIONS	Α	В	С	D	E	F
LED506, LED513 /	Ø3-1/2"	5-13/16"	6"	1'6" 457mm	1'6-3/16"	8-3/4"
MR16LED / MR16	Ø89mm	148mm	152mm		462mm	222mm
LED708, 714, 716, 930 /	Ø6-1/2"	8-13/16"	9"	2'6-9/16"	2'6-3/4"	8-3/4"
AR111LED / AR111	Ø165mm	224mm	229mm	776mm	781mm	222mm
PAR38LED / PAR38	Ø7"	9-13/16"	10"	3'2-5/16"	3'2-1/2"	8-3/4"
	Ø178mm	249mm	254mm	973mm	978mm	222mm

Solid

Surface Mounted - New/Old Work

Outstanding flexibilty and design excellence in surface mounted configurations for applications where ceilings are currently installed. Can be wall, ceiling, canopy or pendent mounted with 1/16" braided stainless steel cables.

Four Lamp Square



mounted configuration. Other configurations available.

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LAMPS and DIMENSIONS	Α	В	С	D	E	F
LED506, LED513 /	Ø3-1/2"	9-1/2"	9-11/16"	9-1/2"	9-11/16"	8-3/4"
MR16LED / MR16	Ø89mm	241mm	246mm	241mm	246mm	222mm
LED708, 714, 716, 930 /	Ø6-1/2"	1'4-1/16"	1'4-1/4"	1'4-1/16"	1'4-1/4"	8-3/4"
AR111LED / AR111	Ø165mm	408mm	413mm	408mm	413mm	222mm
PAR38LED / PAR38	Ø7"	1'7-5/16"	1'7-1/2"	1'7-5/16"	1'7-1/2"	8-3/4"
	Ø178mm	491mm	495mm	491mm	495mm	222mm

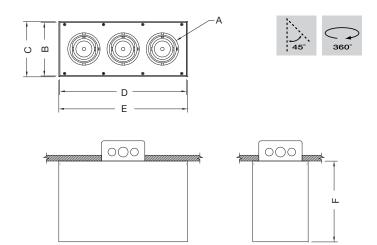
Solid

Surface Mounted - New/Old Work

Outstanding flexibilty and design excellence in surface mounted configurations for applications where ceilings are currently installed. Can be wall, ceiling, canopy or pendent mounted with 1/16" braided stainless steel cables.

Custom Mixed Lamp





MS-2D/1H-1-TI-RD-SM

Modular Multiples® Surface Solid Series, custom two AR111 lamps, one PAR30HID lamp, white housing, transformer incorporated, round aperture, surface mounted configuration. Other configurations available.

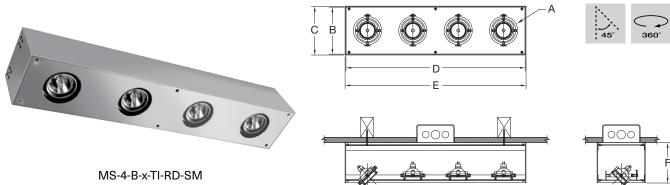
LAMPS and DIMENSIONS	Α	В	С	D	E	F
LED506, LED513 /	Ø3-1/2"	5-13/16"	6"	1'1-3/4"	1'1-15/16"	8-3/4"
MR16LED / MR16	Ø89mm	148mm	152mm	349mm	354mm	222mm
LED708, 714, 716, 930 /	Ø6-1/2"	8-13/16"	9"	1'11-5/16'	1'11-1/2"	8-3/4"
AR111LED / AR111	Ø165mm	224mm	229mm	592mm	597mm	222mm
PAR38LED / PAR38	Ø7"	9-13/16"	10"	2'4-13/16"	2'5"	8-3/4"
	Ø178mm	249mm	254mm	732mm	737mm	222mm

Solid

Surface Mounted - New/Old Work

Outstanding flexibilty and design excellence in surface mounted configurations for applications where ceilings are currently installed. Can be wall, ceiling, canopy or pendent mounted with 1/16" braided stainless steel cables.

Custom Four Lamp



Modular Multiples® Surface Solid Series, custom configuration, four MR16 lamps, stainless steel housing, transformer incorporated, round aperture, surface mounted configuration.

Other configurations available.

LAMPS and DIMENSIONS	Α	В	С	D	E	F	G
LED506, LED513 /	ø3-1/2"	5-7/8"	6-1/16"	1' 10-1/4"	1' 10-7/16"	5"	6-1/8"
MR16LED / MR16	ø89mm	149mm	154mm	565mm	570mm	127mm	156mm

Layered® Surface Mounted New/Old Work



Modular International Inc. 3941 California Avenue Pittsburgh, PA 15212 1-412-734-9000

www.modularinternational.com

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1010wing US Patent Numbers:
6,568,826B1 6,692,13982
6,896,39182 6,969,18282
6,997,26782 6,997,57482
7,300,17682 7,478,92181
D520,666S D530,038S
D537,553S D819,857
D818,632 D818,624
8,210,720 7,832,907

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The Original Multiple Lamp Family of Fixtures

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

• 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

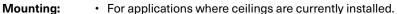
· Listed to UL1598 standards

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)



 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.

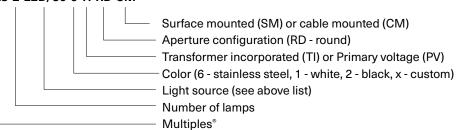
Patented die-cast aluminum ring sets and locking devices

- · 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:

Options:

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



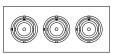


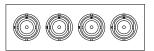














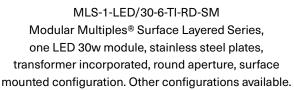
Layered

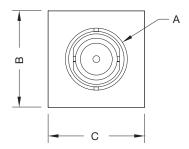
Surface Mounted - New/Old Work

Outstanding flexibilty and design excellence in surface mounted configurations for applications where ceilings are currently installed. Fixtures can be wall, ceiling, canopy or pendent mounted with 1/16" braided stainless steel cables.

One Lamp

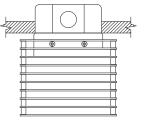


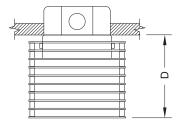












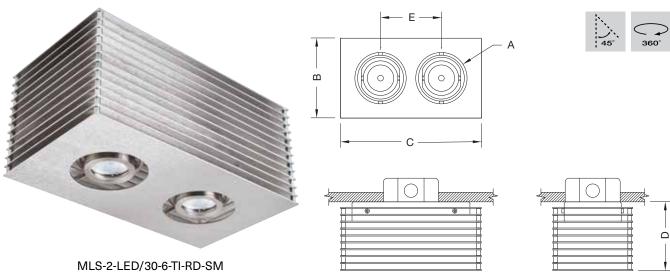
LAMPS and DIMENSIONS	А	В	С	D
LED506, LED513 /	Ø3-3/8"	5-1/4"	5-1/4"	4-1/2"
MR16LED / MR16	Ø86mm	133mm	133mm	115mm
LED708, 714, 716, 930 /	Ø7"	9-1/16"	9-1/16"	4-1/2"
AR111LED / AR111	Ø178mm	230mm	230mm	115mm

Layered

Surface Mounted - New/Old Work

Outstanding flexibilty and design excellence in surface mounted configurations for applications where ceilings are currently installed. Can be wall, ceiling, canopy or pendent mounted with 1/16" braided stainless steel cables.

Two Lamp



Modular Multiples® Surface Layered Series, two LED 30w modules, stainless steel plates, transformer incorporated, round apertures, surface mounted configuration. Other configurations available.

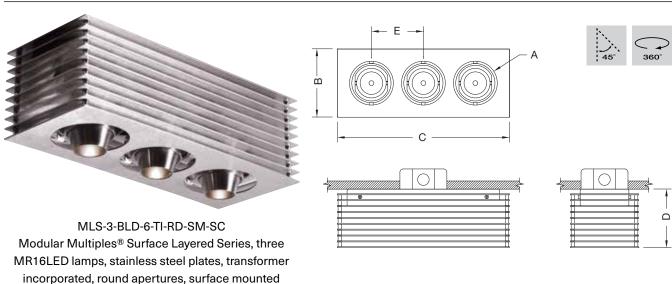
LAMPS and DIMENSIONS	А	В	С	D	Е
LED506, LED513 /	Ø3-3/8"	5-1/4"	9-1/4"	4-1/2"	4"
MR16LED / MR16	Ø86mm	133mm	235mm	115mm	102mm
LED708, 714, 716, 930 /	Ø7"	9-1/16"	1'4-15/16"	4-1/2"	4"
AR111LED / AR111	Ø178mm	230mm	430mm	115mm	102mm

Layered

Surface Mounted - New/Old Work

Outstanding flexibilty and design excellence in surface mounted configurations for applications where ceilings are currently installed. Can be wall, ceiling, canopy or pendent mounted with 1/16" braided stainless steel cables.

Three Lamp



Other configurations available.

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configuration with shielding cones.

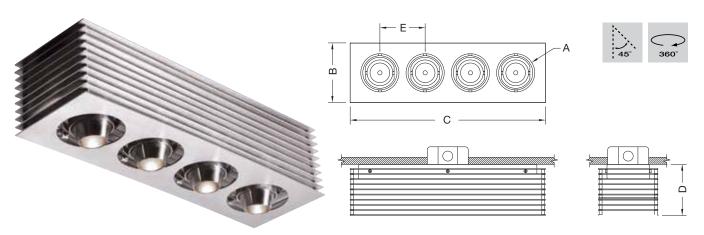
LAMPS and DIMENSIONS	А	В	С	D	E
LED506, LED513 /	Ø3-3/8"	5-1/4"	1'1-1/4"	4-1/2"	4"
MR16LED / MR16	Ø86mm	133mm	337mm	115mm	102mm
LED708, 714, 716, 930 /	Ø7"	9-1/16"	2'0-13/16"	4-1/2"	4"
AR111LED / AR111	Ø178mm	230mm	630mm	115mm	102mm

Layered

Surface Mounted - New/Old Work

Outstanding flexibilty and design excellence in surface mounted configurations for applications where ceilings are currently installed. Can be wall, ceiling, canopy or pendent mounted with 1/16" braided stainless steel cables.

Four Lamp



MLS-4-BLD-6-TI-RD-SM-SC
Modular Multiples® Surface Layered Series, four
MR16LED lamps, stainless steel plates, transformer
incorporated, round apertures, surface mounted
configuration with shielding cones.
Other configurations available.

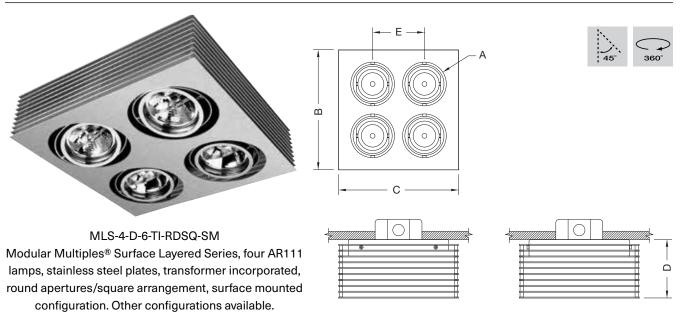
LAMPS and DIMENSIONS	А	В	С	D	Е
LED506, LED513 /	Ø3-3/8"	5-1/4"	1'5-1/4"	4-1/2"	4"
MR16LED / MR16	Ø86mm	133mm	438mm	115mm	102mm
LED708, 714, 716, 930 /	Ø7"	9-1/16"	2'8-11/16"	4-1/2"	4"
AR111LED / AR111	Ø178mm	230mm	830mm	115mm	102mm

Layered

Surface Mounted - New/Old Work

Outstanding flexibilty and design excellence in surface mounted configurations for applications where ceilings are currently installed. Can be wall, ceiling, canopy or pendent mounted with 1/16" braided stainless steel cables.

Four Lamp Square



LAMPS and DIMENSIONS	А	В	С	D	Е
LED506, LED513 /	Ø3-3/8"	9-1/4"	9-1/4"	4-1/2"	4"
MR16LED / MR16	Ø86mm	235mm	235mm	115mm	102mm
LED708, 714, 716, 930 /	Ø7"	1'4-15/16"	1'4-15/16"	4-1/2"	4"
AR111LED / AR111	Ø178mm	430mm	430mm	115mm	102mm

Layered

Surface Mounted - New/Old Work

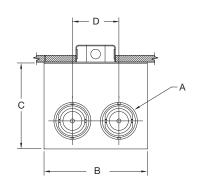
Outstanding flexibilty and design excellence in surface mounted configurations for applications where ceilings are currently installed. Can be wall, ceiling, canopy or pendent mounted with 1/16" braided stainless steel cables.

Custom Mixed Lamp



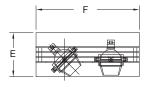
MLS-2-BLD-6-TI-RD-SM-SC

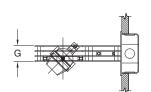
Modular Multiples® Surface Layered Series, two MR16LED lamps, stainless steel plates, transformer incorporated, round apertures, surface mounted configuration with shielding cones. Other configurations available.











LAMPS and DIMENSIONS	Α	В	С	D	E	F	G
LED506, LED513 /	Ø3-1/2"	9-7/16"	7-15/16"	4-1/4"	4"	9-7/16"	1-7/16"
MR16LED / MR16	Ø89mm	240mm	202mm	108mm	102mm	240mm	37mm

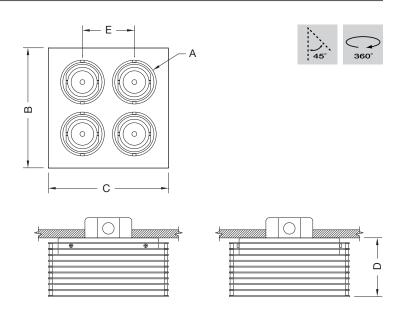
Layered

Surface Mounted - New/Old Work

Outstanding flexibilty and design excellence in surface mounted configurations for applications where ceilings are currently installed. Can be wall, ceiling, canopy or pendent mounted with 1/16" braided stainless steel cables.

Custom Four Lamp Square





MLS-4-BLD-6-TI-RD-CM-SC

Modular Multiples® Surface Layered Series, four MR16LED lamps, stainless steel plates, transformer incorporated, round apertures, cable mounted configuration with shielding cones.

Other configurations available.

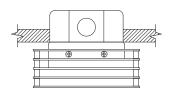
LAMPS and DIMENSIONS	А	В	С	D	E
LED506, LED513 /	Ø3-3/8"	9-1/4"	9-1/4"	4-1/2"	4"
MR16LED / MR16	Ø86mm	235mm	235mm	115mm	102mm
LED708, 714, 716, 930 /	Ø7"	1'4-15/16"	1'4-15/16"	4-1/2"	4"
AR111LED / AR111	Ø178mm	430mm	430mm	115mm	102mm

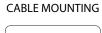
Surface Layered Surface Mounted

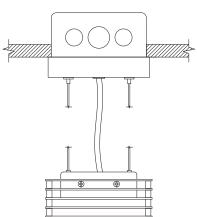


Mounting Options

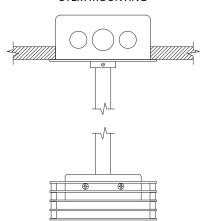








STEM MOUNTING

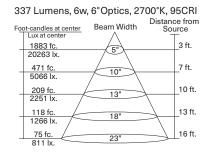


The Original Multiple Lamp Family of Fixtures

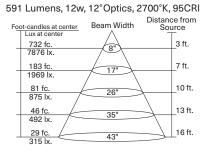
Standard LED Modules



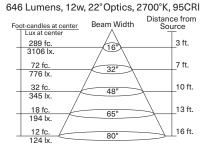
LED-506-6



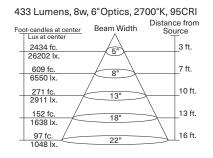
LED-512-12



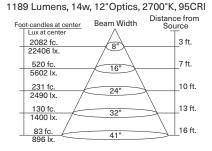
LED-512-22



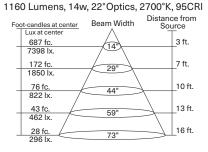
LED-708-6



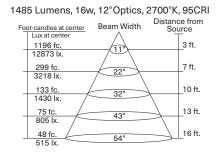
LED-714-12



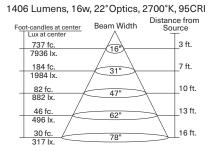
LED-714-22



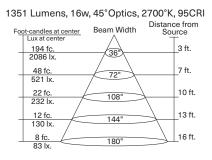
LED-716-12



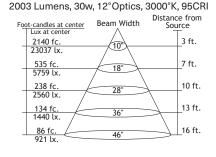
LED-716-22



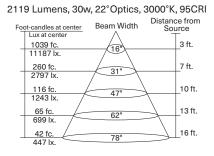
LED-716-45



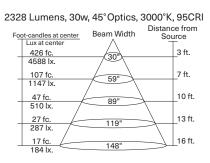
LED-930-12



LED-930-22



LED-930-45



Modular International, Inc. 1-412-734-9000 www.modularinternational.com

Modular International, Inc.



Elements[™] 16w LED Module

16_w

Model: LED-516

Wattage: 16

Lumens: 640 at 3000°K

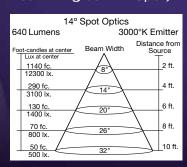
Kelvin Temperature: 2850°K or 3000°K (+/- 2%)

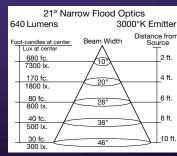
Standard CRI: 95

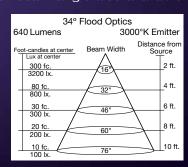
Accessories and customization available: Tuning, dimming, beam angles,

Kelvin temperature, shielding and filtering

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









Elements™ 30w LED Module

30w

Model: LED-530

Wattage: 30

Lumens: 1200 at 3000°K

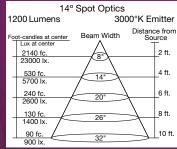
Kelvin Temperature: 2850°K or 3000°K (+/- 2%)

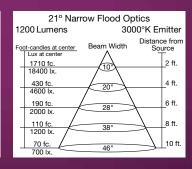
Standard CRI: 95

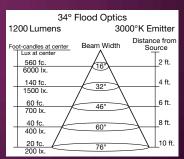
Accessories and customization available: Tuning, dimming, beam angles,

Kelvin temperature, shielding and filtering

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





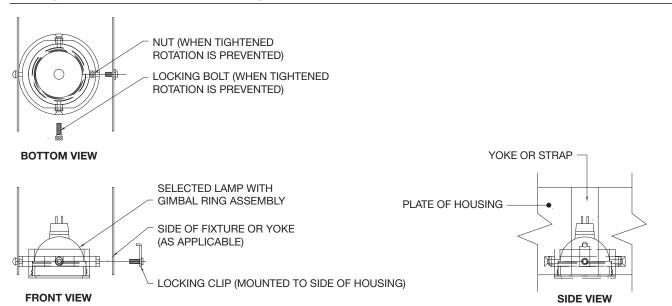


Fixture Options

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.

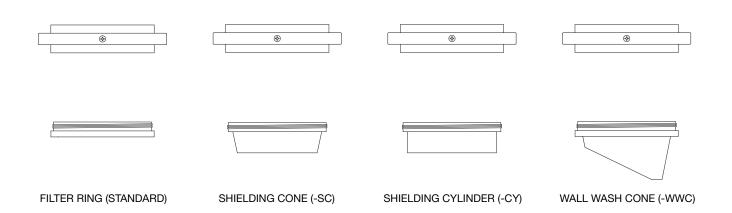
Ring Sets and Locking Devices (PATENTED)

ADD -LM TO END OF MODEL NUMBER



Shielding Options

ADD SHEILDING OPTION CODE (BELOW) 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. Dimensions of all fixture options vary with lamp size.

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.

