

JUNIPER®

JUNIPER-DESIGN.COM

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JUNIPER®

MULTIVERSE®
S Y S T E M
A NEW GENERATION OF INDOOR POWER DISTRIBUTION

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MULTIVERSE® SYSTEM OVERVIEW

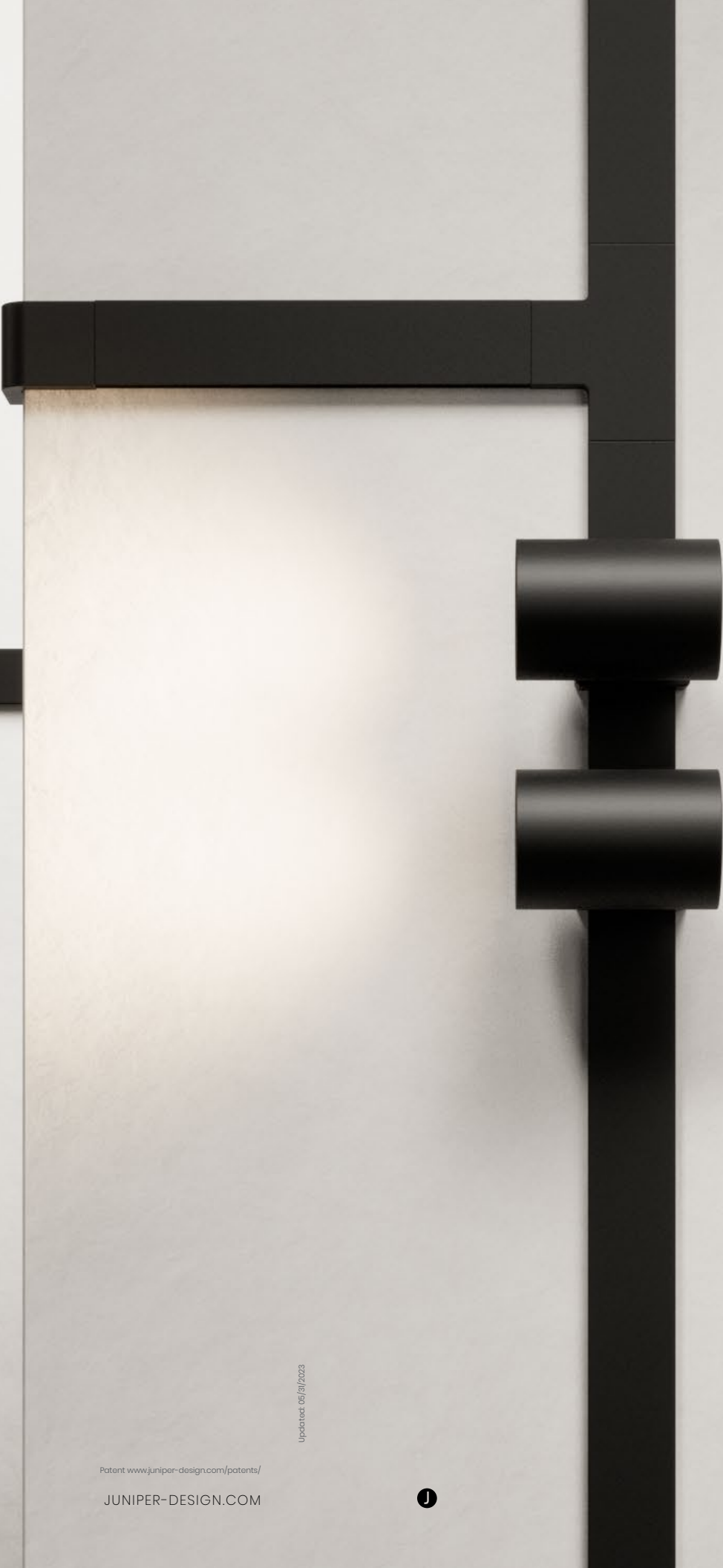
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Juniper’s MULTIVERSE® System* is a revolutionary, low-voltage power distribution system that redefines the aesthetic and technical capabilities of track lighting. Track segments and connectors are combined to create striking visual motifs spanning as far as 150 linear feet on a single driver, while effortlessly navigating varying topography, corners, and changing planes.

The MULTIVERSE® System's ultra-low, ribbon-like profile conceals its 24V high-efficiency dual circuitry, which is easily installed on nearly any flat surface and can be painted on site to match — or to specification in advance — which allows MULTIVERSE® to discreetly recede into its surroundings or create a bold graphic statement. An intuitive magnetic system connects up to 15 miniature spot modules, which can be rotated, repositioned anywhere along the system’s length, or flipped 180° for independent dimming capabilities on the second circuit.

As part of the greater Juniper collection, the patented MULTIVERSE® System can mount most Juniper products via magnetic adaptors, eliminating the need to run internal wiring and turning a fixed lighting plan into a flexible, user-tailored system. Like all Juniper products, MULTIVERSE® is manufactured at the company’s Connecticut factory, where each system can be customized to meet any design specification.

* — MULTIVERSE® System U.S. Patent No. 11,137,132

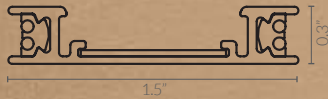
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MULTIVERSE® SYSTEM AT A GLANCE

FEATURES AND BENEFITS



ULTRA-LOW PROFILE TRACK

Magnetic connection
Surface mounts to almost any material

DIMMING

2 circuits
0–10V or phase
Casambi wireless available

SPOTLIGHTS

500, 1000, 1500 LM output
Field-replaceable beam angles
21°, 37°, 50° standard
Precision-machined aluminum
Full 360° rotation and 0–90° tilt



POWER SUPPLIES

24VDC
Remote and surface mounted options available

SUPERIOR LIGHT QUALITY

95+ CRI
85 LM/Watt delivered average
Flicker-free dimming to 0.1%

CONNECTORS

Inline, 90 Degree Corner, 3-Way, 4-Way,
and Out-of-Plane

COLOR TEMPERATURES

VOLTAGE DROP CORRECTION

150' of ribbon can be powered via a single 96W power supply
Add power supplies for longer runs with seamless continuity and
no reduction in brightness

SIMPLE INSTALLATION

Easy install clip system, field-cuttable
Junction box covers
Surface-mounted power supplies

LUMINAIRE FINISHES

High-performance coatings
Matte White, Matte Black, Satin Aluminum, Satin Brass, Custom colors

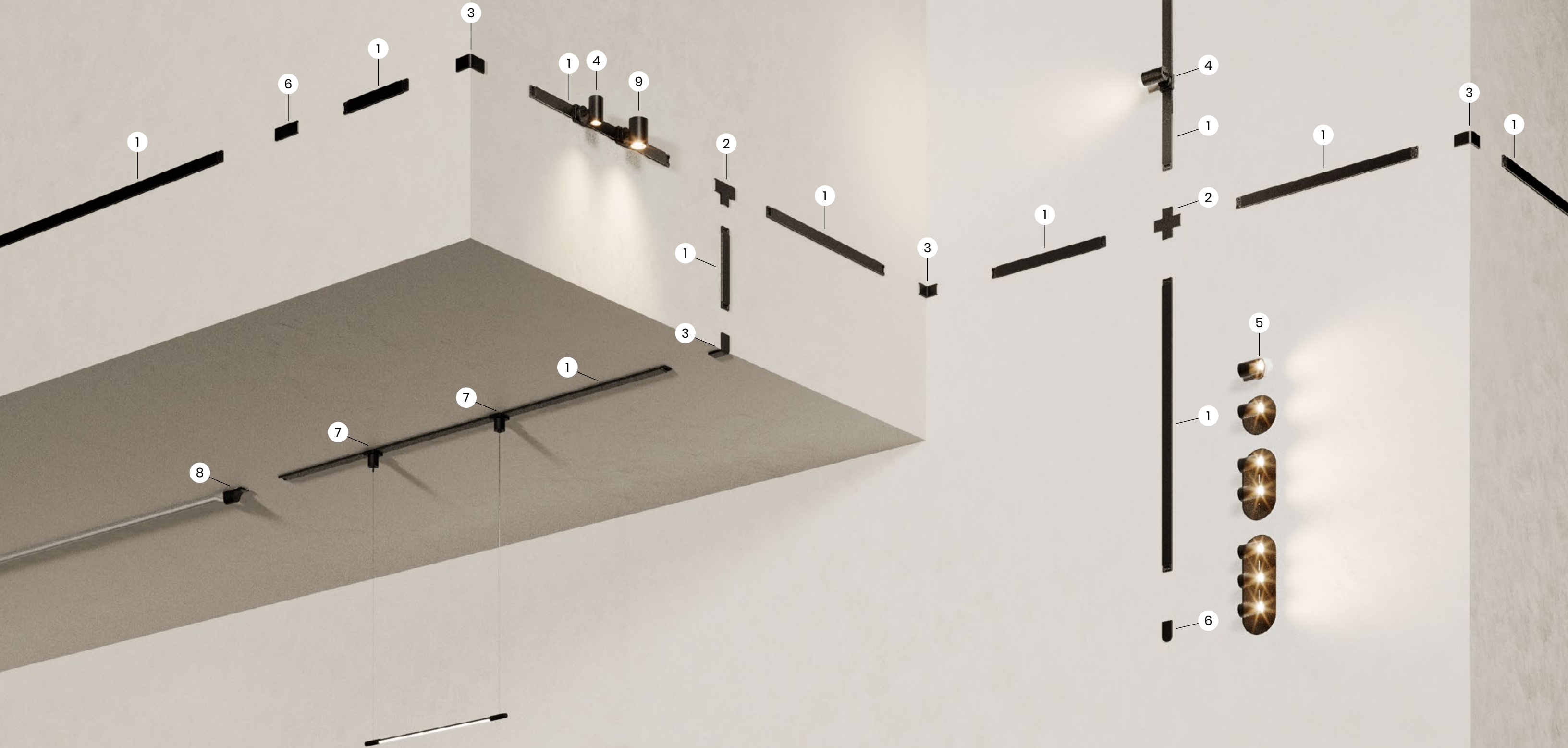
RIBBON AND CONNECTOR FINISHES

High performance coatings
Primer is field paintable



MULTIVERSE® SYSTEM OVERVIEW

VISUAL COMPONENTS GLOSSARY



Ribbon adaptors allow for the use of other Juniper fixtures.
[Inquire](#) for details.

1 RIBBON

2 RIBBON CONNECTORS IN-PLANE

3 RIBBON CONNECTORS OUT-OF-PLANE

4 SPOTLIGHTS 45MM RIBBON-MOUNTED

5 SPOTLIGHTS MONOPOINT

6 RIBBON POWER FEEDS SURFACE

7 RIBBON ADAPTORS SUSPENSION

8 POWER FEED CONDUIT

9 SPOT LIGHTS 60MM RIBBON-MOUNTED

POWER SUPPLIES REMOTE (NOT SHOWN)

MULTIVERSE® SYSTEM OVERVIEW

SPOTLIGHTS

EASY MAGNETIC POSITIONING

No tools required to move the spotlight — and simply flip it 180° to select between the two standard circuits.

WIDE RANGE OF FINISHES AND CUSTOM COLORS

Between the exceptional standard finishes and custom color capability, the MULTIVERSE® luminaires are design-ready.

SUPPORT FOR MANY LUMINAIRES

Up to 15 spotlights can be powered by a single 96W circuit, and more can be added with seamless in-line power feeds.

INDUSTRY-LEADING LIGHT QUALITY AND DIMMING

95+ CRI, 85 LM/Watt delivered average, and flicker free dimming to 0.1%.

TINY MODULES WITH HIGH OUTPUT

500, 1000, 1500 LM output, featuring field replaceable beam angles, full 360° rotation, and 0–90° tilt.



MULTIVERSE® SYSTEM OVERVIEW

RIBBON AND CONNECTORS

MINIMAL

At just 1.5" wide by 0.3" thin, the MULTIVERSE® ribbon works in almost any setting.

DESIGNED FOR DESIGNERS

2 circuits standard, surface mount with easy-to-position installation clips.

CAN GO ANYWHERE

A series of pivot elements make for easy installation on nearly any flat surface and allow the system's segments to effortlessly change planes and navigate corners.

FIELD PAINTABLE

Blend the track seamlessly into a design by painting it to match existing surfaces.

STANDALONE AESTHETICS

Beautiful on its own, the ribbon is designed to add architectural detail to a space.

MULTIVERSE® SYSTEM OVERVIEW

SUSPENSION ADAPTORS

EXPANDABLE

The 24VDC system allows the use of select THIN System fixtures to coordinate across Juniper's collections.

POWERFUL

Use one circuit for spots and the other with linear suspension luminaires for complex layers of light.

DESIGNED FOR CREATING

The luminaire adaptors combined with Juniper's exceptional finishes make this an infinitely expressive system.

Updated: 05/01/2023

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Updated: 05/01/2023

MULTIPLE POWER FEED
OPTIONS

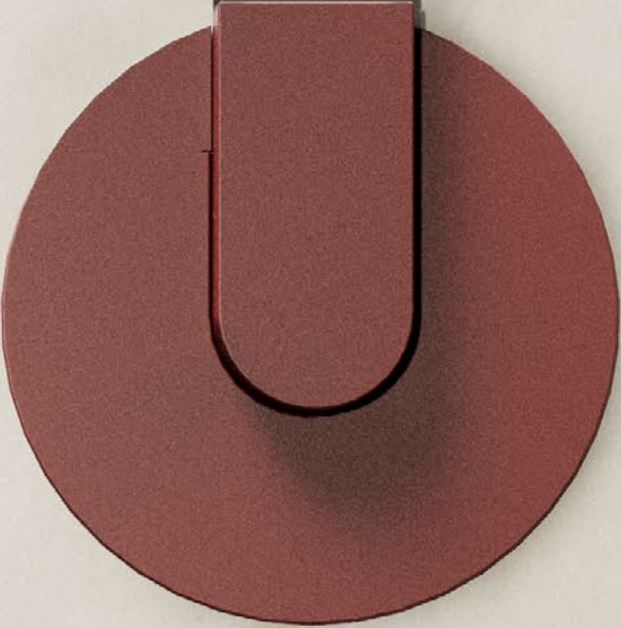
Connect the system with or without junction boxes, for inline, corner, and end feeds.

DIMMABLE

Standard options include 120 – 277V AC input, forward-phase, reverse-phase, and 0 – 10V dimming.

EFFICIENT

96W of power allows for up to 15 spotlights on one circuit; simply add more power supplies to expand the system.



EXCEPTIONAL FINISHES

- High performance coatings, powder coats, and plated metallics.
- Primer field-paintable ribbon and connectors.
- Matte White, Matte Black, Satin Aluminum, Satin Brass and Custom colors — see [Finishes](#) section for details.





ULTRA SMALL MONOPOINTS

Miniature adjustable lighting
that enhance the architecture

EASY MOUNTING

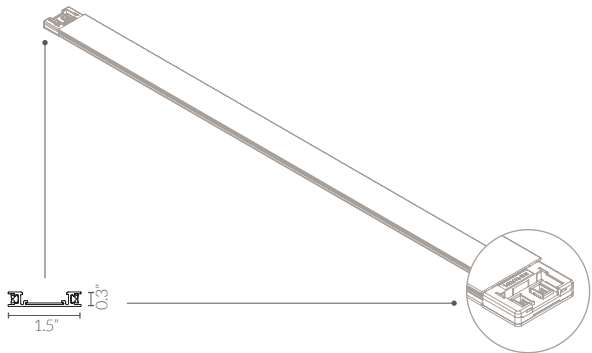
Available with and without
cover plates for J-Box mounting
or low-voltage direct power

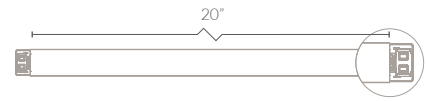
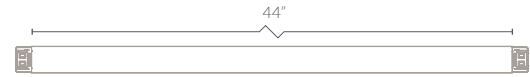
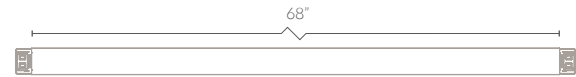
INCREDIBLE FINISHES

Architectural grade materials
and finishes create exceptional
projects

SYSTEM SPECIFICATIONS
RIBBON

- The low profile heart of the MULTIVERSE® System
- Field cuttable (see [Layout Guide](#) for details)
- 2 circuits standard – change circuit by reversing fixture on the ribbon
- All components must be ordered separately except where noted
- Primer is field-paintable
- See [Finishes](#) page for full finish selection options
- Each ribbon/track comes with one Track End Coupler Interface on each end; must be removed before field cutting




ITEM	INCL. CLIPS	QTY	FINISH	PART NUMBER
2 FT RIBBON 	2	32	BLACK	JPR-MLTV-TRK1-02-32
		33	SATIN ALUMINUM	JPR-MLTV-TRK1-02-33
		30	WHITE	JPR-MLTV-TRK1-02-30
		31	PRIMER	JPR-MLTV-TRK1-02-31
4 FT RIBBON 	3	32	BLACK	JPR-MLTV-TRK1-04-32
		33	SATIN ALUMINUM	JPR-MLTV-TRK1-04-33
		30	WHITE	JPR-MLTV-TRK1-04-30
		31	PRIMER	JPR-MLTV-TRK1-04-31
6 FT RIBBON 	4	32	BLACK	JPR-MLTV-TRK1-06-32
		33	SATIN ALUMINUM	JPR-MLTV-TRK1-06-33
		30	WHITE	JPR-MLTV-TRK1-06-30
		31	PRIMER	JPR-MLTV-TRK1-06-31

Each ribbon segment includes an appropriate amount of clips determined by the length – clips should be mounted within 3 inches of each end of the ribbon segment, with no more than 18 inches between clips.

SYSTEM SPECIFICATIONS
RIBBON MOUNTING HARDWARE

The surface mounting clip takes a #6 screw and can be attached to any horizontal or vertical surface (with appropriate anchoring hardware). Ribbon segments then snap onto the clip, and can be released by inserting a flat-head screwdriver (or the provided tool) under the ribbon to depress the catch mechanism.

The appropriate quantity of clips is included with each track length. Additional clips may be purchased separately if needed.



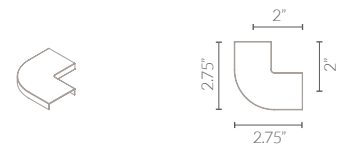
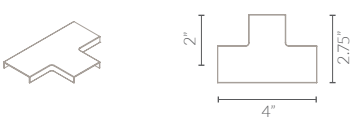
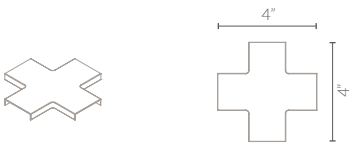
ITEM	PART NUMBER
SURFACE MOUNT CLIP  Mounts the ribbon to any flat surface with a #6 pan-head screw	RAS-0112-WM

For more details, see [Layout Guide](#).

SYSTEM SPECIFICATIONS
RIBBON CONNECTORS
IN-PLANE



A connector or power feed is required at the end of all ribbon segments.

All connectors allow for pass through of the circuit; to isolate the ends of the track, add provided Isolating Tape to the track ends.

ITEM		FINISH	PART NUMBER
END CAP Terminates one end of a ribbon segment		32 BLACK	JPR-MLTV-CON1-EC-32
		33 SATIN ALUMINUM	JPR-MLTV-CON1-EC-33
		30 WHITE	JPR-MLTV-CON1-EC-30
		31 PRIMER	JPR-MLTV-CON1-EC-31
INLINE Connects two ribbon segments		32 BLACK	JPR-MLTV-CON1-IL-32
		33 SATIN ALUMINUM	JPR-MLTV-CON1-IL-33
		30 WHITE	JPR-MLTV-CON1-IL-30
		31 PRIMER	JPR-MLTV-CON1-IL-31
90 DEGREE CORNER Connects two ribbon segments at 90°		32 BLACK	JPR-MLTV-CON1-90-32
		33 SATIN ALUMINUM	JPR-MLTV-CON1-90-33
		30 WHITE	JPR-MLTV-CON1-90-30
		31 PRIMER	JPR-MLTV-CON1-90-31
3-WAY Connects three ribbon segments at 90°		32 BLACK	JPR-MLTV-CON1-3W-32
		33 SATIN ALUMINUM	JPR-MLTV-CON1-3W-33
		30 WHITE	JPR-MLTV-CON1-3W-30
		31 PRIMER	JPR-MLTV-CON1-3W-31
4-WAY Connects four ribbon segments at 90°		32 BLACK	JPR-MLTV-CON1-4W-32
		33 SATIN ALUMINUM	JPR-MLTV-CON1-4W-33
		30 WHITE	JPR-MLTV-CON1-4W-30
		31 PRIMER	JPR-MLTV-CON1-4W-31

Please contact Juniper for alternate configurations.

SYSTEM SPECIFICATIONS
RIBBON CONNECTORS
OUT-OF-PLANE

ITEM		FINISH	PART NUMBER
INSIDE CORNER Connects two ribbon segments at 90°, as in the intersection of a wall and a ceiling		32 BLACK	JPR-MLTV-CON1-IC-32
		33 SATIN ALUMINUM	JPR-MLTV-CON1-IC-33
		30 WHITE	JPR-MLTV-CON1-IC-30
		31 PRIMER	JPR-MLTV-CON1-IC-31
OUTSIDE CORNER Connects two ribbon segments at 90°, as in the intersection of two walls		32 BLACK	JPR-MLTV-CON1-OC-32
		33 SATIN ALUMINUM	JPR-MLTV-CON1-OC-33
		30 WHITE	JPR-MLTV-CON1-OC-30
		31 PRIMER	JPR-MLTV-CON1-OC-31

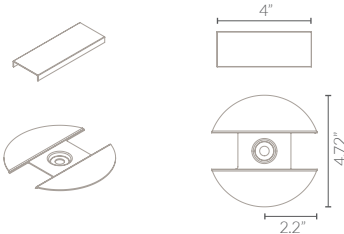
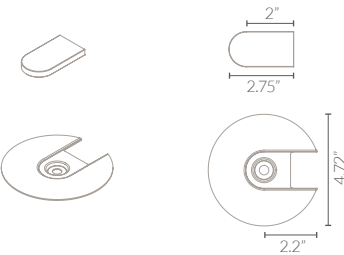
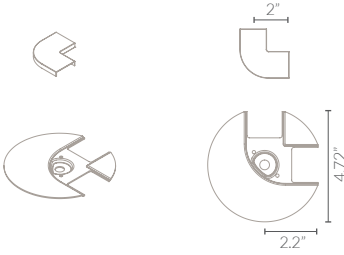
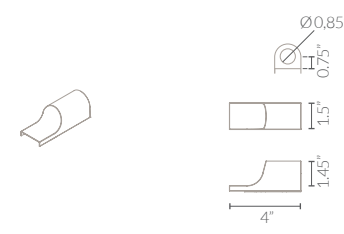
For additional mounting and dimension information, see [Minimum Dimensions](#).

All connectors allow for pass through of the circuit; to isolate the ends of the track, add provided Isolating Tape to the track ends.


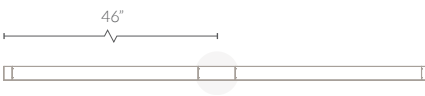

Please contact Juniper for alternate configurations.

SYSTEM SPECIFICATIONS
POWER FEED CONNECTORS

A power feed is required to bring low-voltage 24VDC power to the track. Each feed can accommodate connections for up to (2) 96W circuits. Junction box cover plates are available, though not required. Minimum 14 AWG feeder cable is recommended to minimize voltage drop – see Power Supply section for details.

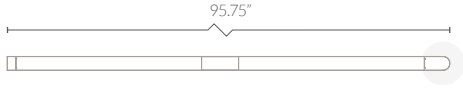
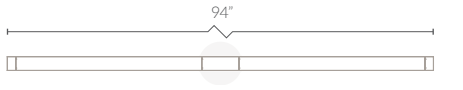
ITEM			FINISH	PART NUMBER
INLINE Direct wire with low voltage cable; can feed in both directions; can be mounted to surface or standard 4" octagon box			32 BLACK	JPR-MLTV-RPF1-J-IL-32
			33 SATIN ALUMINUM	JPR-MLTV-RPF1-J-IL-33
			30 WHITE	JPR-MLTV-RPF1-J-IL-30
			31 PRIMER	JPR-MLTV-RPF1-J-IL-31
END Direct wire with low voltage cable; feeds in one direction; can be mounted to surface or standard 4" octagon box			32 BLACK	JPR-MLTV-RPF1-J-EF-32
			33 SATIN ALUMINUM	JPR-MLTV-RPF1-J-EF-33
			30 WHITE	JPR-MLTV-RPF1-J-EF-30
			31 PRIMER	JPR-MLTV-RPF1-J-EF-31
90 DEGREE CORNER Direct wire with low voltage cable; can feed in both directions; can be mounted to surface or standard 4" octagon box			32 BLACK	JPR-MLTV-RPF1-J-90-32
			33 SATIN ALUMINUM	JPR-MLTV-RPF1-J-90-33
			30 WHITE	JPR-MLTV-RPF1-J-90-30
			31 PRIMER	JPR-MLTV-RPF1-J-90-31
CONDUIT Accepts conduit via 1/2" knockout; feeds in one direction			32 BLACK	JPR-MLTV-RPF1-S-CF-32
			33 SATIN ALUMINUM	JPR-MLTV-RPF1-S-CF-33
			30 WHITE	JPR-MLTV-RPF1-S-CF-30
			31 PRIMER	JPR-MLTV-RPF1-S-CF-31

SYSTEM SPECIFICATIONS
STANDARD KITS

ITEM	PARTS INCLUDED	PART NUMBER	UNITS
4FT KIT – END FEED		JPR-MLTV-KIT1-ST-0004-R-J-EF-XX	
 J-Box Cover Plate optional	TRACK 4' – 3 CLIPS	JPR-MLTV-TRK1-04-XX	1
	END CAP	JPR-MLTV-CON1-EC-XX	1
	END POWER FEED – REMOTE SURFACE MOUNT (J-BOX)	JPR-MLTV-RPF1-J-EF-XX	1
4FT KIT – INLINE FEED		JPR-MLTV-KIT1-ST-0004-R-J-IL-XX	
 J-Box Cover Plate optional	TRACK 2' – 2 CLIPS	JPR-MLTV-TRK1-02-XX	2
	END CAP	JPR-MLTV-CON1-EC-XX	2
	INLINE POWER FEED – REMOTE SURFACE MOUNT (J-BOX)	JPR-MLTV-RPF1-J-IL-XX	1
6FT KIT – END FEED		JPR-MLTV-KIT1-ST-0006-R-J-EF-XX	
 J-Box Cover Plate optional	TRACK 6' – 4 CLIPS	JPR-MLTV-TRK1-06-XX	1
	END CAP	JPR-MLTV-CON1-EC-XX	1
	END POWER FEED – REMOTE SURFACE MOUNT (J-BOX)	JPR-MLTV-RPF1-J-EF-XX	1

Spotlights and power supplies are purchased separately.





SYSTEM SPECIFICATIONS
STANDARD KITS

ITEM	PARTS INCLUDED	PART NUMBER	UNITS
8FT KIT — END FEED	8FT KIT — END FEED	JPR-MLTV-KIT1-ST-0008-R-J-EF-XX	
	TRACK 4' — 3 CLIPS	JPR-MLTV-TRK1-04-XX	2
	END CAP	JPR-MLTV-CON1-EC-XX	1
	END POWER FEED — REMOTE SURFACE MOUNT (J-BOX)	JPR-MLTV-RPF1-J-EF-XX	1
	INLINE CONNECTOR	JPR-MLTV-CON1-IL-XX	1
J-Box Cover Plate optional			
8FT KIT — INLINE FEED	8FT KIT — INLINE FEED	JPR-MLTV-KIT1-ST-0008-R-J-IL-XX	
	TRACK 4' — 3 CLIPS	JPR-MLTV-TRK1-04-XX	2
	END CAP	JPR-MLTV-CON1-EC-XX	2
	INLINE POWER FEED — REMOTE SURFACE MOUNT (J-BOX)	JPR-MLTV-RPF1-J-IL-XX	1
J-Box Cover Plate optional			
12FT KIT — END FEED	12FT KIT — END FEED	JPR-MLTV-KIT1-ST-0012-R-J-EF-XX	
	TRACK 6' — 4 CLIPS	JPR-MLTV-TRK1-06-XX	2
	END CAP	JPR-MLTV-CON1-EC-XX	1
	END POWER FEED — REMOTE SURFACE MOUNT (J-BOX)	JPR-MLTV-RPF1-J-EF-XX	1
	INLINE CONNECTOR	JPR-MLTV-CON1-IL-XX	1
J-Box Cover Plate optional			
12FT KIT — INLINE FEED	12FT KIT — INLINE FEED	JPR-MLTV-KIT1-ST-0012-R-J-IL-XX	
	TRACK 6' — 4 CLIPS	JPR-MLTV-TRK1-06-XX	2
	END CAP	JPR-MLTV-CON1-EC-XX	2
	INLINE POWER FEED — REMOTE SURFACE MOUNT (J-BOX)	JPR-MLTV-RPF1-J-IL-XX	1
J-Box Cover Plate optional			

Spotlights and power supplies are purchased separately.

SYSTEM SPECIFICATIONS
SUSPENSION ADAPTORS

Suspension Adaptors allow for select 24VDC Juniper lighting to be suspended from the track — a powered adaptor is required for the power feed, and a non-powered adaptor is required for additional aircraft cable mounting points.

ITEM		FINISH	PART NUMBER
SUSPENSION ADAPTOR — POWERED		32 BLACK	JPR-MLTV-ADP1-P-32
Connects 24VDC suspension luminaires < 5lbs to the MULTIVERSE® ribbon — accepts Juniper coaxial cable		33 SATIN ALUMINUM	JPR-MLTV-ADP1-P-33
		30 WHITE	JPR-MLTV-ADP1-P-30
SUSPENSION ADAPTOR — NON-POWERED		32 BLACK	JPR-MLTV-ADP1-S-32
Connects 24VDC suspension luminaires < 5lbs to the MULTIVERSE® ribbon — accepts 3/64 aircraft cable		33 SATIN ALUMINUM	JPR-MLTV-ADP1-S-33
		30 WHITE	JPR-MLTV-ADP1-S-30

SYSTEM SPECIFICATIONS
SPOTLIGHTS U-MOUNT
45 MM, STANDARD STEM

SPECIFICATION BUILDER

JPR-MLTV-SPT1-	45	050	A	ST		ME	N	
	1	2	3	4	5	6	7	8

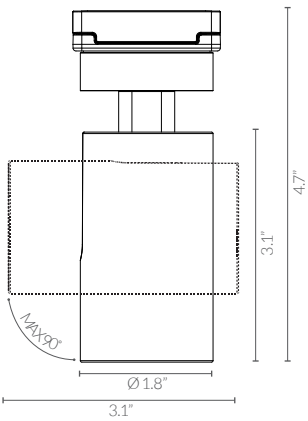
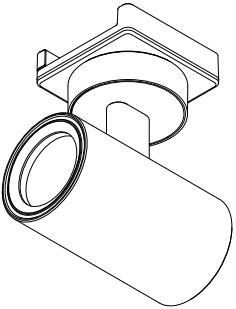
MODEL	1. SIZE	2. OUTPUT	3. DIMMING	4. STEM
JPR-MLTV-SPT1-	45 45 MM DIAMETER	050 500LM / 5.1W	A 1%	ST STANDARD (2.2")

5. CCT	6. BEAM SPREAD	7. ACCESSORY SLOT	8. FINISH
27 2700K 30 3000K 35 3500K 40 4000K	ME MEDIUM (29) ME comes standard. See lens kits for additional field replaceable lenses: NR NARROW (22) WI WIDE (38) XW EXTRA WIDE (65)	N NONE (SPACER RING) Spacer ring comes standard. See optical accessory kits for field replaceable accessories: H HEX LOUVER T SOFTENING LENS S SNOOT	30 MATTE PURE WHITE 32 MATTE BLACK 33 SATIN ALUMINUM Stock finishes shown. See Finishes for additional options.

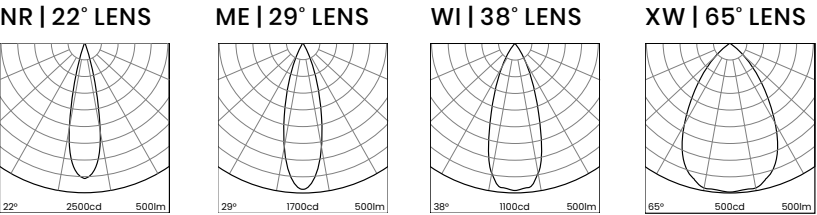
For additional lenses and accessories, see [Lenses and Optical Accessories](#).
For detailed photometrics, see [Photometrics Guide](#).
[IES files](#) available.

SYSTEM SPECIFICATIONS
SPOTLIGHTS U-MOUNT
45 MM, STANDARD STEM

- CRI 95-98
- R9 94-99
- Rf 96-98
- Rg 99-102
- 85-90 LM/W delivered efficacy
- Standard ribbon-mounted spotlight
- Features proprietary one-handed side-load clamp mechanism
- Change between ribbon circuits by reversing orientation on the ribbon
- Field-replaceable lenses and accessories available
- Fully 360 degree/0-90 degree adjustable



SPOTLIGHT 500LM | 3000K



SYSTEM SPECIFICATIONS
SPOTLIGHTS U-MOUNT
60 MM, STANDARD STEM

SPECIFICATION BUILDER

JPR-MLTV-SPT1-	60		A	ST		ME	N	
	1	2	3	4	5	6	7	8

MODEL	1. SIZE	2. OUTPUT	3. DIMMING	4. STEM
JPR-MLTV-SPT1-	60 60 MM DIAMETER	100 1000LM / 10.9W 150 1500LM / 17.1W	A 1%	ST STANDARD (2.2")

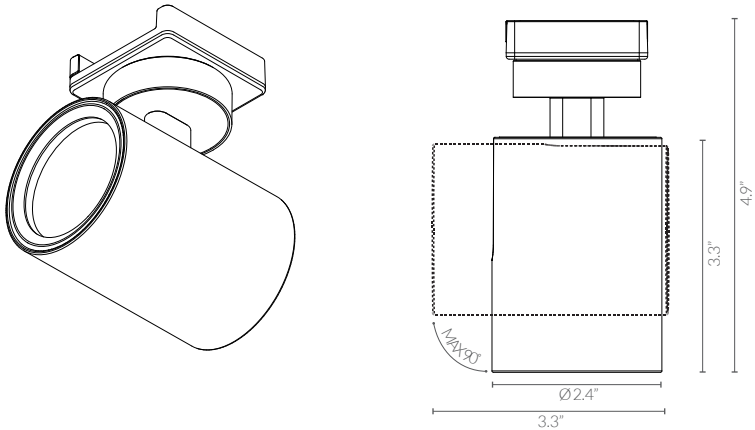
5. CCT	6. BEAM SPREAD	7. ACCESSORY SLOT	8. FINISH
27 2700K 30 3000K 35 3500K 40 4000K	ME MEDIUM (28) ME comes standard. See lens kits for additional field replaceable lenses: NR NARROW (20) WI WIDE (39) XW EXTRA WIDE (64)	N NONE (SPACER RING) Spacer ring comes standard. See optical accessory kits for field replaceable accessories: H HEX LOUVER T SOFTENING LENS S SNOOT	30 MATTE PURE WHITE 32 MATTE BLACK 33 SATIN ALUMINUM Stock finishes shown. See Finishes for additional options.

For additional lenses and accessories, see [Lenses and Optical Accessories](#).
For detailed photometrics, see [Photometrics Guide](#).
[IES files](#) available.

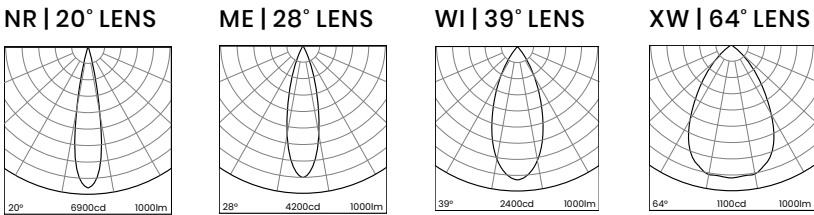


SYSTEM SPECIFICATIONS
SPOTLIGHTS U-MOUNT
60 MM, STANDARD STEM

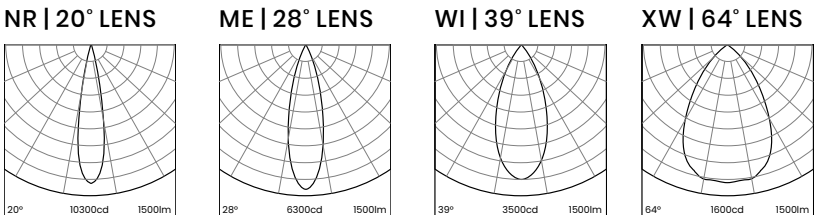
- CRI 95-98
- R9 94-99
- Rf 96-98
- Rg 99-102
- 85-90 LM/W delivered efficacy
- Standard ribbon-mounted spotlight
- Features proprietary one-handed side-load clamp mechanism
- Change between ribbon circuits by reversing orientation on the ribbon
- Field-replaceable lenses and accessories available
- Fully 360 degree/0-90 degree adjustable



SPOTLIGHT 1000LM | 3000K



SPOTLIGHT 1500LM | 3000K



SYSTEM SPECIFICATIONS
SPOTLIGHTS U-MOUNT
45 MM, LONG STEM

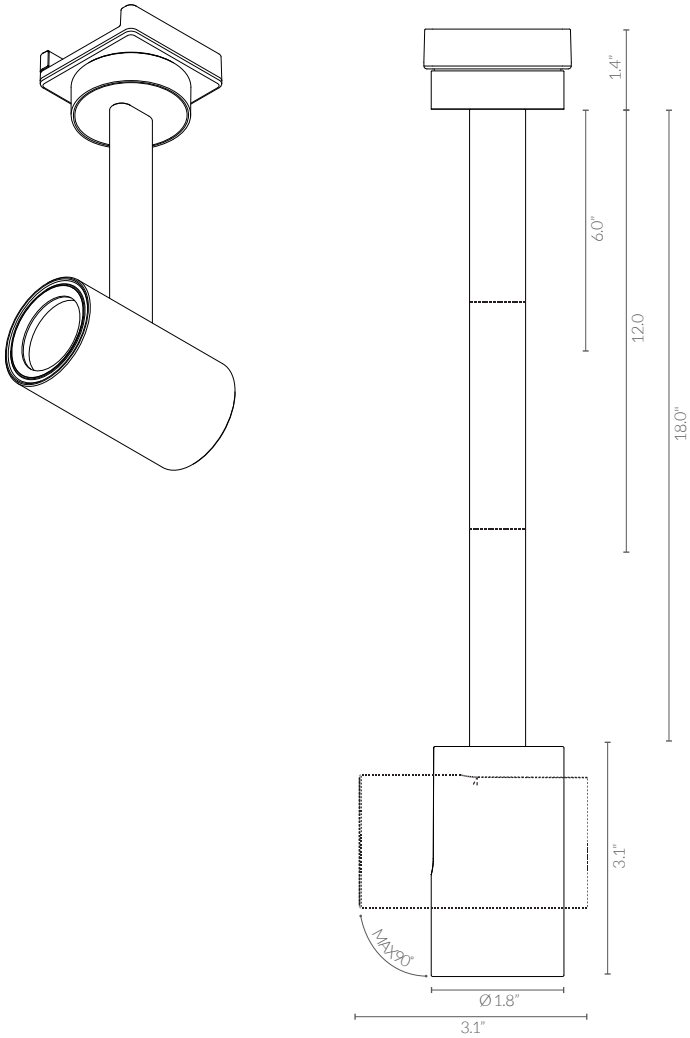
SPECIFICATION BUILDER

JPR-MLTV-SPT1-	45	050	A			ME	N	
	1	2	3	4	5	6	7	8
MODEL	1. SIZE	2. OUTPUT	3. DIMMING	4. STEM				
JPR-MLTV-SPT1-	45 45 MM DIAMETER	050 500LM / 5.1W	A 1%	06 6" 12 12" 18 18" CU CUSTOM Maximum length 24"				
	5. CCT	6. BEAM SPREAD	7. ACCESSORY SLOT	8. FINISH				
	27 2700K	ME MEDIUM (29)	N NONE (SPACER RING)	30 MATTE PURE WHITE				
	30 3000K	ME comes standard. See lens kits for additional field replaceable lenses:	Spacer ring comes standard. See optical accessory kits for field replaceable accessories:	32 MATTE BLACK				
	35 3500K			33 SATIN ALUMINUM				
	40 4000K			Stock finishes shown. See Finishes for additional options.				
		NR NARROW (22)	H HEX LOUVER					
		WI WIDE (38)	T SOFTENING LENS					
		XW EXTRA WIDE (65)	S SNOOT					

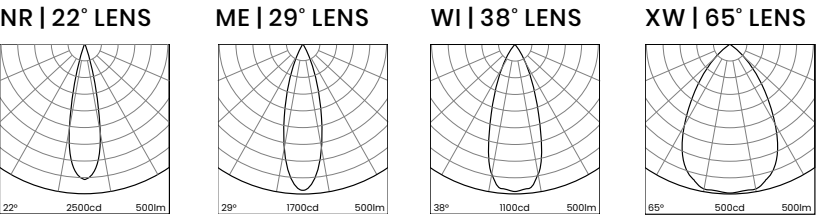
For additional lenses and accessories, see [Lenses and Optical Accessories](#).
For detailed photometrics, see [Photometrics Guide](#).
[IES files](#) available.

SYSTEM SPECIFICATIONS
SPOTLIGHTS U-MOUNT
45 MM, LONG STEM

- CRI 95-98
- R9 94-99
- Rf 96-98
- Rg 99-102
- 85-90 LM/W delivered efficacy
- Standard ribbon-mounted spotlight
- Features proprietary one-handed side-load clamp mechanism
- Change between ribbon circuits by reversing orientation on the ribbon
- Field-replaceable lenses and accessories available
- Fully 360 degree/0-90 degree adjustable



SPOTLIGHT 500LM | 3000K



SYSTEM SPECIFICATIONS
SPOTLIGHTS U-MOUNT
60 MM, LONG STEM

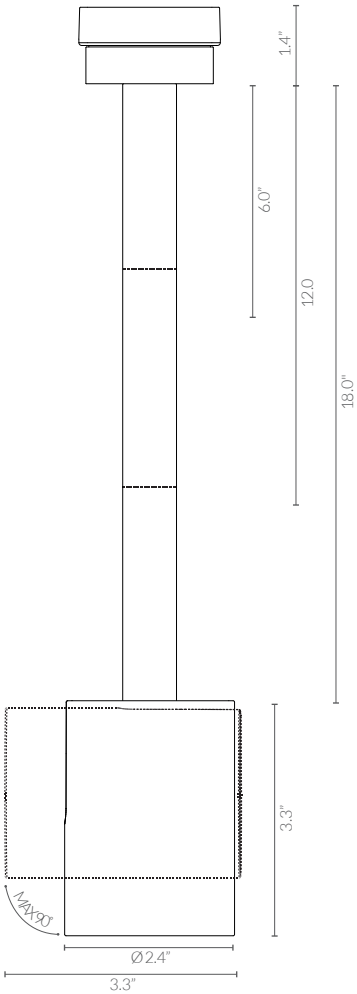
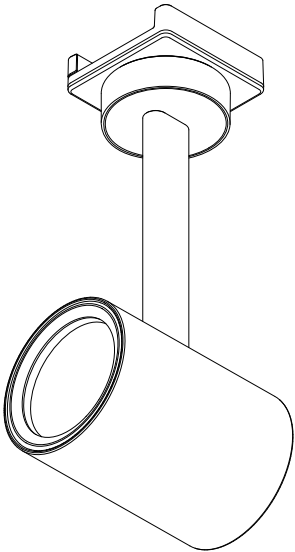
SPECIFICATION BUILDER

JPR-MLTV-SPT1-	60		A			ME	N	
	1	2	3	4	5	6	7	8
MODEL	1. SIZE	2. OUTPUT		3. DIMMING		4. STEM		
JPR-MLTV-SPT1-	60 60 MM DIAMETER	100	1000LM / 10.9W	A	1%	06	6"	
		150	1500LM / 17.1W			12	12"	
						18	18"	
						CU	CUSTOM	
						Maximum length 24"		
	5. CCT	6. BEAM SPREAD		7. ACCESSORY SLOT		8. FINISH		
	27 2700K	ME	MEDIUM (28)	N	NONE (SPACER RING)	30	MATTE PURE WHITE	
	30 3000K					32	MATTE BLACK	
	35 3500K	ME comes standard. See lens kits for additional field replaceable lenses:		Spacer ring comes standard. See optical accessory kits for field replaceable accessories:		33	SATIN ALUMINUM	
	40 4000K							
		NR	NARROW (20)	H	HEX LOUVER	Stock finishes shown. See Finishes for additional options.		
		WI	WIDE (39)	T	SOFTENING LENS			
		XW	EXTRA WIDE (64)	S	SNOOT			

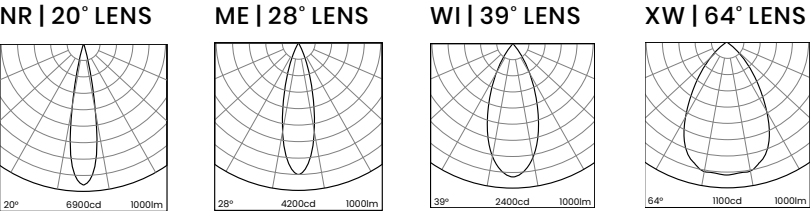
For additional lenses and accessories, see [Lenses and Optical Accessories](#).
For detailed photometrics, see [Photometrics Guide](#).
[IES files](#) available.

SYSTEM SPECIFICATIONS
SPOTLIGHTS U-MOUNT
60 MM, LONG STEM

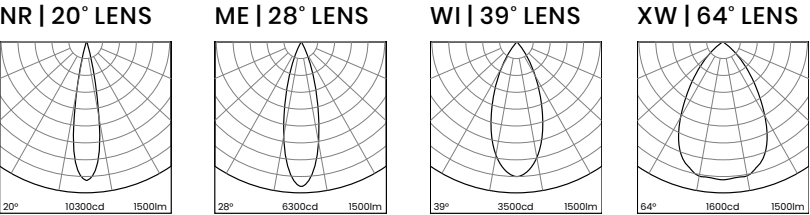
- CRI 95-98
- R9 94-99
- Rf 96-98
- Rg 99-102
- 85-90 LM/W delivered efficacy
- Standard ribbon-mounted spotlight
- Features proprietary one-handed side-load clamp mechanism
- Change between ribbon circuits by reversing orientation on the ribbon
- Field-replaceable lenses and accessories available
- Fully 360 degree/0-90 degree adjustable



SPOTLIGHT 1000LM | 3000K



SPOTLIGHT 1500LM | 3000K

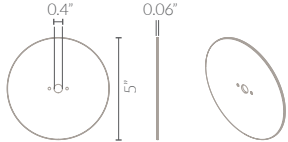
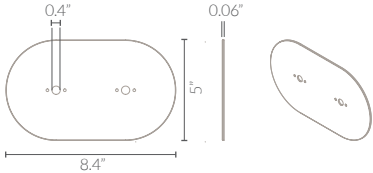
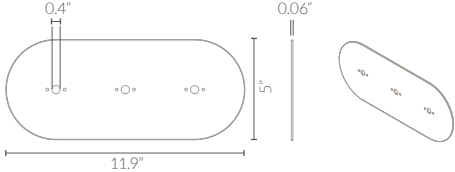


SYSTEM SPECIFICATIONS
SPOTLIGHTS MONOPOINT
45 MM, STANDARD STEM

SPECIFICATION BUILDER

JPR-MLTV-MPT1-	45	050	A	ST		ME	N	
	1	2	3	4	5	6	7	8

MODEL	1. SIZE	2. OUTPUT	3. DIMMING	4. STEM
JPR-MLTV-MPT1-	45 45 MM DIAMETER	050 500LM / 5.1W	A 1%	ST STANDARD (2.2")
	5. CCT	6. BEAM SPREAD	7. ACCESSORY SLOT	8. FINISH
	27 2700K	ME MEDIUM (29)	N NONE (SPACER RING)	30 MATTE PURE WHITE
	30 3000K			32 MATTE BLACK
	35 3500K	ME comes standard. See lens kits for additional field replaceable lenses:	Spacer ring comes standard. See optical accessory kits for field replaceable accessories:	33 SATIN ALUMINUM
	40 4000K	NR NARROW (22)	H HEX LOUVER	Stock finishes shown. See Finishes for additional options.
		WI WIDE (38)	T SOFTENING LENS	
		XW EXTRA WIDE (65)	S SNOOT	

ITEM	PART NUMBER
<div>SINGLE PLATE</div> <div></div>	JPR-MLTV-MPP1-01-XX
<div>DOUBLE PLATE</div> <div></div>	JPR-MLTV-MPP1-02-XX
<div>TRIPLE PLATE</div> <div></div>	JPR-MLTV-MPP1-03-XX

- Plate includes:
- cross bar for mounting to 4" junction box

— spring clips for use with Plate to mount to 2–4" dia. hole in drywall
- For detailed photometrics, see [Photometrics Guide](#).
[IES files](#) available.



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SYSTEM SPECIFICATIONS
SPOTLIGHTS MONOPOINT
45 MM, STANDARD STEM

- CRI 95–98

— R9 94–99

— Rf 96–98

— Rg 99–102

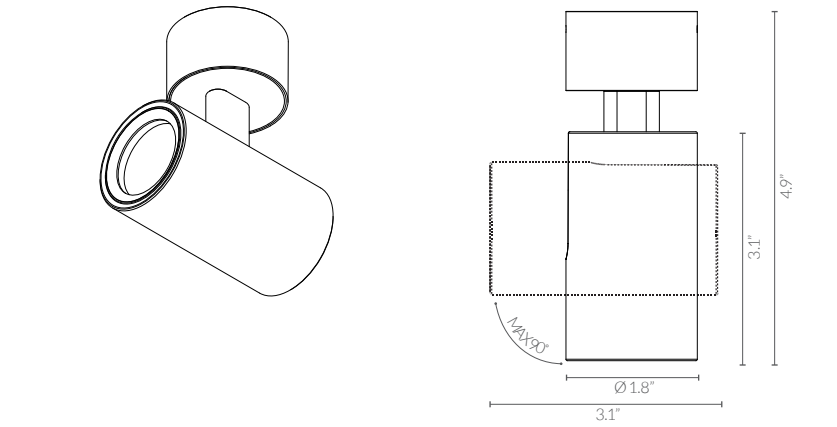
— 85–90 LM/W delivered efficacy

— Standard accent luminaire powered via 24VDC low voltage power supply

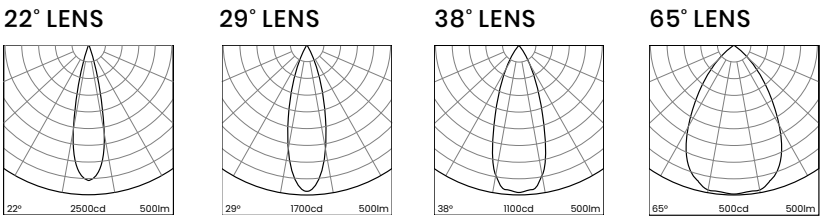
— Hardware included for mounting: #8 toggle bolt for direct mount to surface

— Field-replaceable lenses and accessories available

— Fully 360 degree/0–90 degree adjustable



MONOPOINT 500LM | 3000K



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Updated: 06/01/2023

Updated: 06/01/2023

SYSTEM SPECIFICATIONS
SPOTLIGHTS MONOPOINT
60 MM, STANDARD STEM

SPECIFICATION BUILDER

JPR-MLTV-MPT1-	60		A	ST		ME	N	
	1	2	3	4	5	6	7	8
MODEL	1. SIZE		2. OUTPUT		3. DIMMING		4. STEM	
JPR-MLTV-MPT1-	60	60 MM DIAMETER	100	1000LM / 10.9W	A	1%	ST	STANDARD (2.2")
			150	1500LM / 17.1W				
	5. CCT		6. BEAM SPREAD		7. ACCESSORY SLOT		8. FINISH	
	27	2700K	ME	MEDIUM (28)	N	NONE (SPACER RING)	30	MATTE PURE WHITE
	30	3000K					32	MATTE BLACK
	35	3500K	ME comes standard. See lens kits for additional field replaceable lenses:		Spacer ring comes standard. See optical accessory kits for field replaceable accessories:		33	SATIN ALUMINUM
	40	4000K	NR	NARROW (20)	H	HEX LOUVER	Stock finishes shown. See Finishes for additional options.	
			WI	WIDE (39)	T	SOFTENING LENS		
			XW	EXTRA WIDE (64)	S	SNOOT		

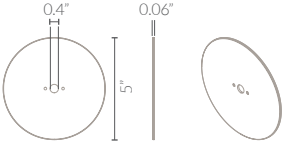
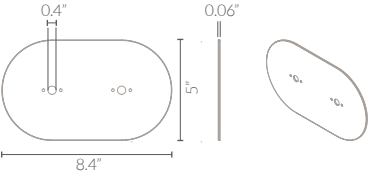
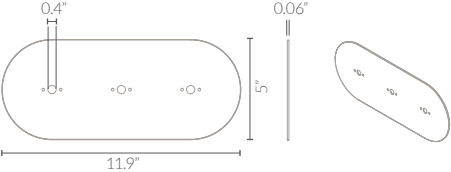
ITEM	PART NUMBER
SINGLE PLATE 	JPR-MLTV-MPP1-01-XX
DOUBLE PLATE 	JPR-MLTV-MPP1-02-XX
TRIPLE PLATE 	JPR-MLTV-MPP1-03-XX

Plate includes:

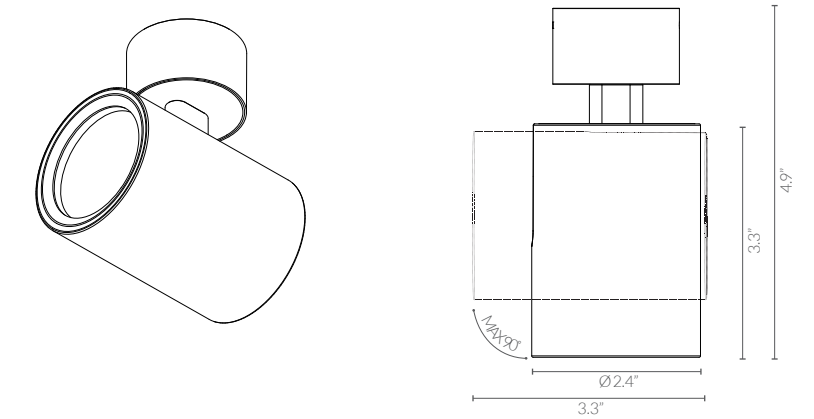
— cross bar for mounting to 4" junction box

— spring clips for use with Plate to mount to 2–4" dia. hole in drywall

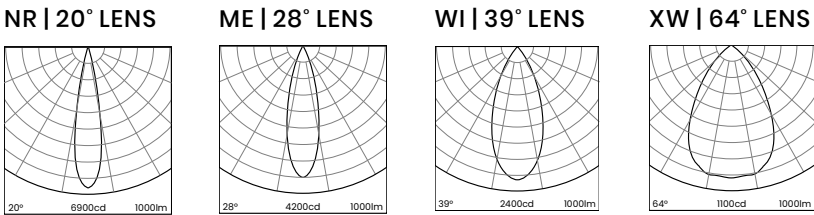
For detailed photometrics, see [Photometrics Guide](#).
[IES files](#) available.

SYSTEM SPECIFICATIONS
SPOTLIGHTS MONOPOINT
60 MM, STANDARD STEM

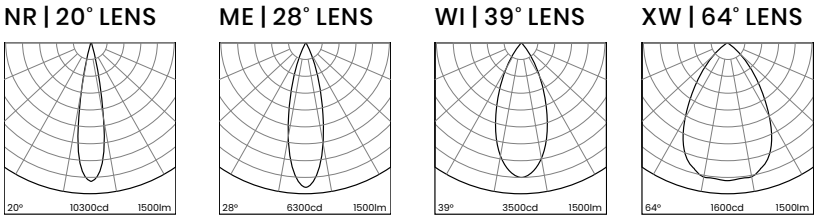
- CRI 95–98
- R9 94–99
- Rf 96–98
- Rg 99–102
- 85–90 LM/W delivered efficacy
- Standard accent luminaire powered via 24VDC low voltage power supply
- Hardware included for mounting: #8 toggle bolt for direct mount to surface
- Field-replaceable lenses and accessories available
- Fully 360 degree/0–90 degree adjustable



MONOPOINT 1000LM | 3000K



MONOPOINT 1500LM | 3000K



SYSTEM SPECIFICATIONS
SPOTLIGHTS MONOPOINT
45 MM, LONG STEM

SPECIFICATION BUILDER

JPR-MLTV-MPT1-	45	050	A			ME	N	
	1	2	3	4	5	6	7	8

MODEL	1. SIZE	2. OUTPUT	3. DIMMING	4. STEM
JPR-MLTV-MPT1-	45 45 MM DIAMETER	050 500LM 5.1W	A 1%	06 6" 12 12" 18 18" CU CUSTOM Maximum length 24"
	5. CCT	6. BEAM SPREAD	7. ACCESSORY SLOT	8. FINISH
	27 2700K 30 3000K 35 3500K 40 4000K	ME MEDIUM (29) ME comes standard. See lens kits for additional field replaceable lenses: NR NARROW (22) WI WIDE (38) XW EXTRA WIDE (65)	N NONE (SPACER RING) Spacer ring comes standard. See optical accessory kits for field replaceable accessories: H HEX LOUVER T SOFTENING LENS S SNOOT	30 MATTE PURE WHITE 32 MATTE BLACK 33 SATIN ALUMINUM Stock finishes shown. See Finishes for additional options.

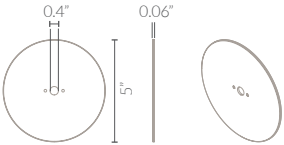
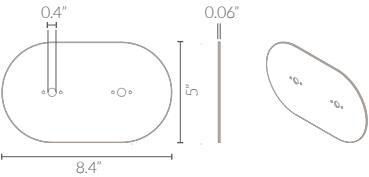
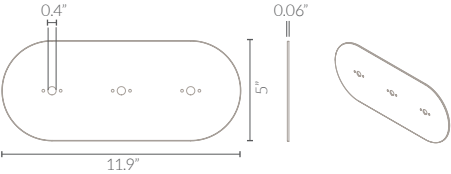
ITEM	PART NUMBER
<div>SINGLE PLATE</div> <div></div>	JPR-MLTV-MPP1-01-XX
<div>DOUBLE PLATE</div> <div></div>	JPR-MLTV-MPP1-02-XX
<div>TRIPLE PLATE</div> <div></div>	JPR-MLTV-MPP1-03-XX

Plate includes:

— cross bar for mounting to 4" junction box

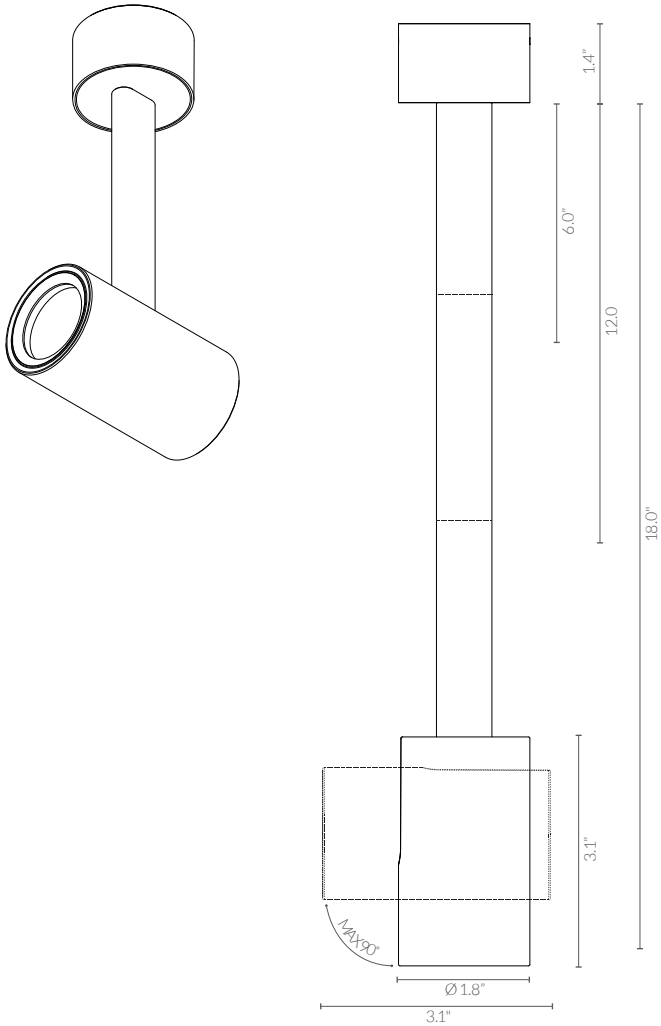
— spring clips for use with Plate to mount to 2–4" dia. hole in drywall

For detailed photometrics, see [Photometrics Guide](#).
[IES files](#) available.

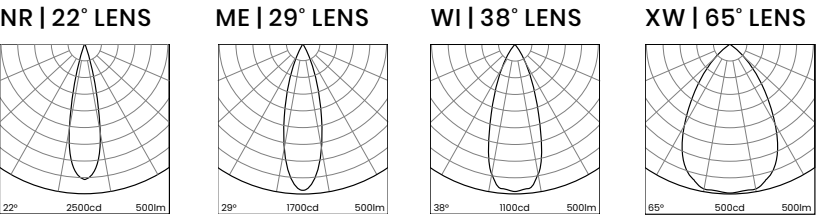


SYSTEM SPECIFICATIONS
SPOTLIGHTS MONOPOINT
45 MM, LONG STEM

- CRI 95–98
- R9 94–99
- Rf 96–98
- Rg 99–102
- 85–90 LM/W delivered efficacy
- Standard accent luminaire powered via 24VDC low voltage power supply
- Hardware included for mounting: #8 toggle bolt for direct mount to surface
- Field-replaceable lenses and accessories available
- Fully 360 degree/0–90 degree adjustable



MONOPOINT 500LM | 3000K



SYSTEM SPECIFICATIONS
SPOTLIGHTS MONOPOINT
60 MM, LONG STEM

SPECIFICATION BUILDER

JPR-MLTV-MPT1-	60		A			ME	N	
	1	2	3	4	5	6	7	8

MODEL	1. SIZE	2. OUTPUT	3. DIMMING	4. STEM
JPR-MLTV-MPT1-	60 60 MM DIAMETER	100 1000LM / 10.9W 150 1500LM / 17.1W	A 1%	06 6" 12 12" 18 18" CU CUSTOM Maximum length 24"
	5. CCT	6. BEAM SPREAD	7. ACCESSORY SLOT	8. FINISH
	27 2700K 30 3000K 35 3500K 40 4000K	ME MEDIUM (28) ME comes standard. See lens kits for additional field replaceable lenses: NR NARROW (20) WI WIDE (39) XW EXTRA WIDE (64)	N NONE (SPACER RING) Spacer ring comes standard. See optical accessory kits for field replaceable accessories: H HEX LOUVER T SOFTENING LENS S SNOOT	30 MATTE PURE WHITE 32 MATTE BLACK 33 SATIN ALUMINUM Stock finishes shown. See Finishes for additional options.

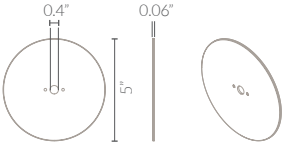
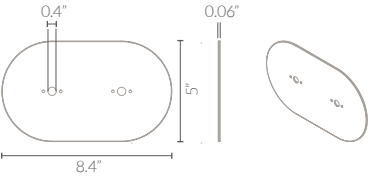
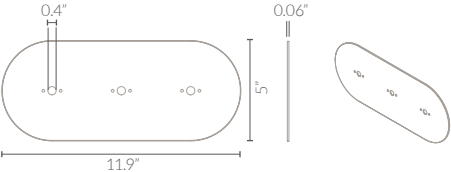
ITEM	PART NUMBER
SINGLE PLATE 	JPR-MLTV-MPP1-01-XX
DOUBLE PLATE 	JPR-MLTV-MPP1-02-XX
TRIPLE PLATE 	JPR-MLTV-MPP1-03-XX

Plate includes:

- cross bar for mounting to 4" junction box
- spring clips for use with Plate to mount to 2–4" dia. hole in drywall

For detailed photometrics, see [Photometrics Guide](#).

[IES files](#) available.

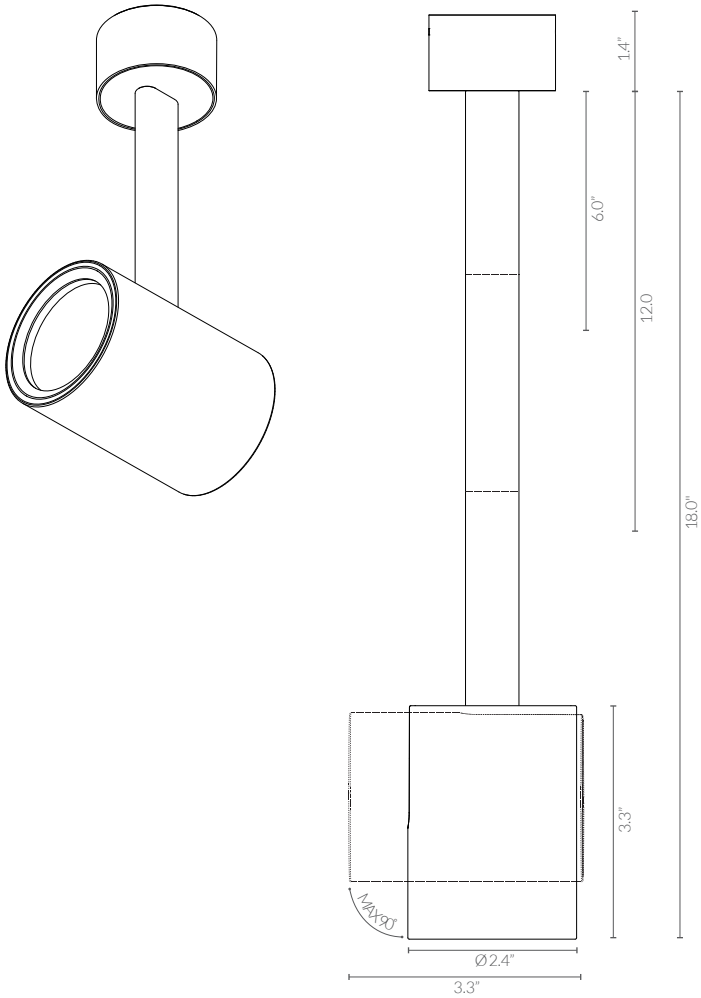


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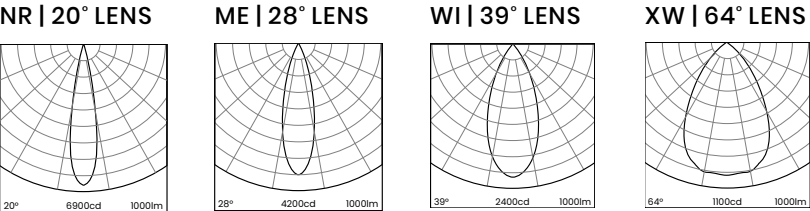
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SYSTEM SPECIFICATIONS
SPOTLIGHTS MONOPOINT
60 MM, LONG STEM

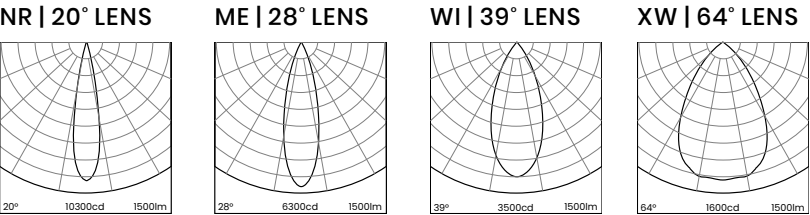
- CRI 95–98
- R9 94–99
- Rf 96–98
- Rg 99–102
- 85–90 LM/W delivered efficacy
- Standard accent luminaire powered via 24VDC low voltage power supply
- Hardware included for mounting: #8 toggle bolt for direct mount to surface
- Field-replaceable lenses and accessories available
- Fully 360 degree/0–90 degree adjustable



MONOPOINT 1000LM | 3000K



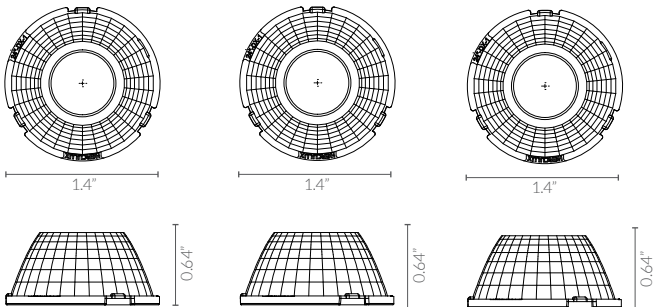
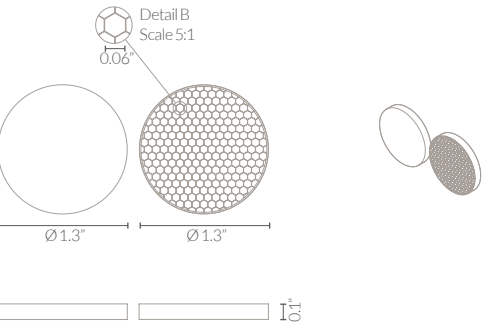
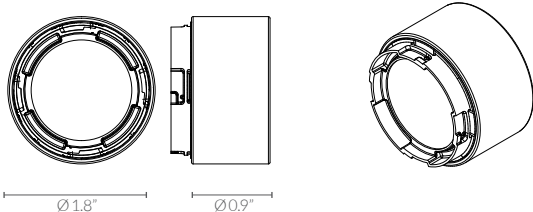
MONOPOINT 1500LM | 3000K



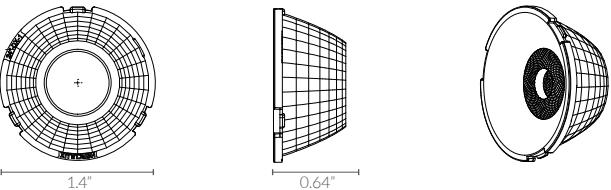
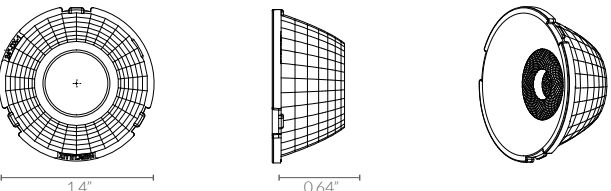
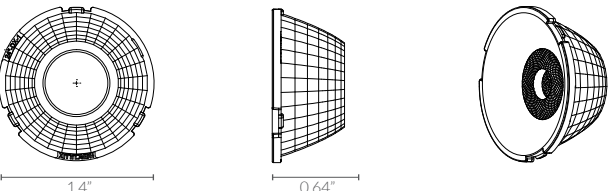
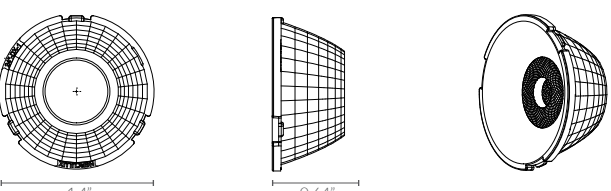
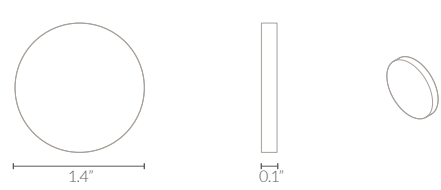
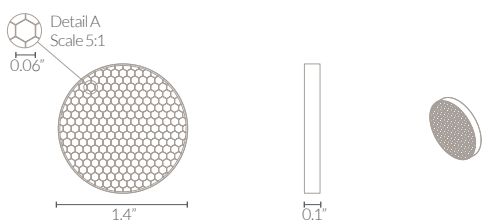
Patent [www.juniper-design.com/patents/](#)

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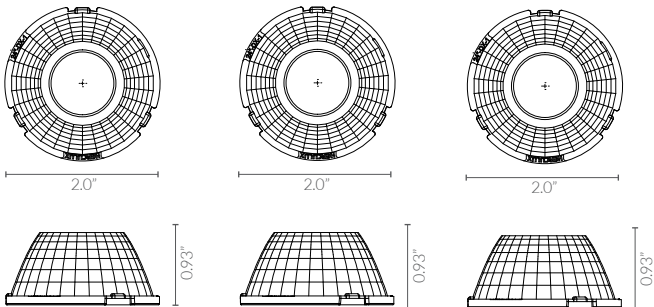
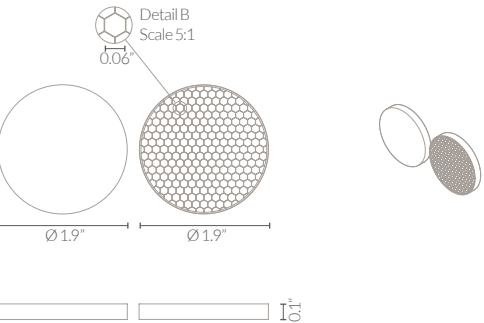
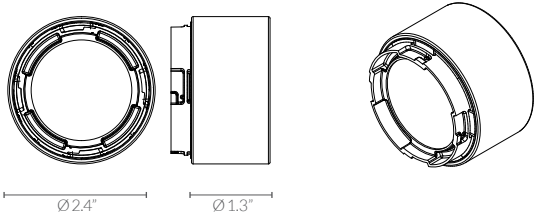
SYSTEM SPECIFICATIONS
LENSES AND OPTICAL ACCESSORIES
45 MM

ITEM	PART NUMBER		
<div>45 MM OPTICAL LENS KIT</div> <div>Narrow 22°, Wide 38°, and Extra Wide 65° beam angle lenses; comes with a lens removal tool</div>		JPR-MLTV-ACS1-45-L	
<div>45 MM OPTICAL ACCESSORIES KIT</div> <div>Softening glass, hex louver; comes with a lens removal tool</div>		JPR-MLTV-ACS1-45-A	
<div>45 MM SNOOT</div>		JPR-MLTV-ACS1-45-S	

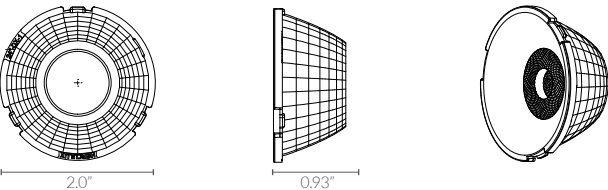
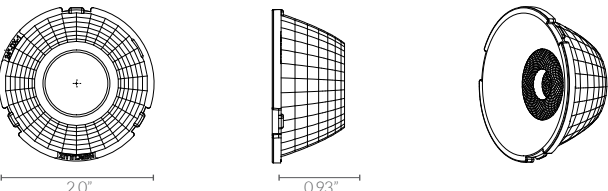
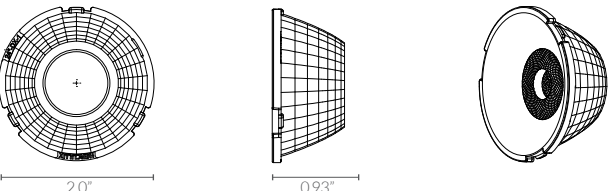
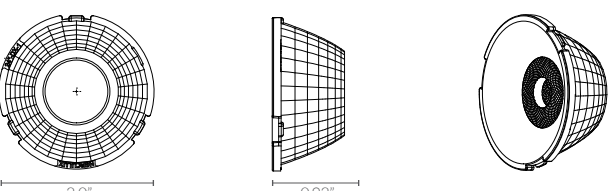
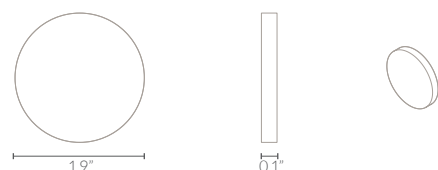
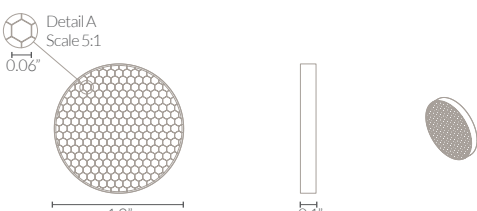
SYSTEM SPECIFICATIONS
LENSES AND OPTICAL ACCESSORIES
45 MM

ITEM	PART NUMBER		
<div>45 MM NARROW LENS (22°)</div>		JPR-PMC-0187	
<div>45 MM MEDIUM LENS (30°)</div>		JPR-PMC-0188	
<div>45 MM WIDE LENS (38°)</div>		JPR-PMC-0189	
<div>45 MM EXTRA WIDE LENS (65°)</div>		JPR-PMC-0190	
<div>45 MM SOFTENING GLASS</div>		JPR-PMC-0201	
<div>45 MM HEX LOUVER</div>		JPR-MCP-1393	

SYSTEM SPECIFICATIONS
LENSES AND OPTICAL ACCESSORIES
60 MM

ITEM	PART NUMBER		
<div>60 MM OPTICAL LENS KIT</div> <div>Narrow 20°, Wide 39°, and Extra Wide 64° beam angle lenses; comes with a lens removal tool</div> <div></div>	JPR-MLTV-ACS1-60-L		
<div>60 MM OPTICAL ACCESSORIES KIT</div> <div>Softening glass, hex louver; comes with a lens removal tool</div> <div></div>	JPR-MLTV-ACS1-60-A		
<div>60 MM SNOOT</div> <div></div>	JPR-MLTV-ACS1-60-S		

SYSTEM SPECIFICATIONS
LENSES AND OPTICAL ACCESSORIES
60 MM

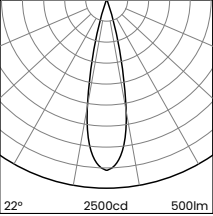
ITEM	PART NUMBER		
<div>60 MM NARROW LENS (22°)</div> <div></div>	JPR-PMC-0192		
<div>60 MM MEDIUM LENS (28°)</div> <div></div>	JPR-PMC-0193		
<div>60 MM WIDE LENS (39°)</div> <div></div>	JPR-PMC-0194		
<div>60 MM EXTRA WIDE LENS (64°)</div> <div></div>	JPR-PMC-0195		
<div>60 MM SOFTENING GLASS</div> <div></div>	JPR-PMC-0202		
<div>60 MM HEX LOUVER</div> <div></div>	JPR-MCP-1394		

SYSTEM SPECIFICATIONS
PHOTOMETRICS DATA
45 MM

MULTIVERSE® Spotlights and Monopoints include all 4 lenses. See cone of light data table for approximate footcandles. IES files are available for download on our website.

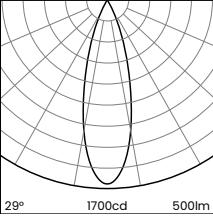
SPOT 500LM | 3000K

NR | 22° LENS



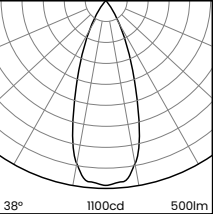
H (F)	FC	DIA (F)
3	274	1.1
6	69	2.3
8	39	3.1
10	25	3.8
12	18	4.6
14	13	5.3
16	10	6.1

ME | 29° LENS



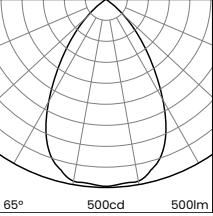
H (F)	FC	DIA (F)
3	192	1.5
6	48	3.0
8	27	4.0
10	17	5.0
12	12	6.0
14	9	7.0
16	7	8.0

WI | 38° LENS



H (F)	FC	DIA (F)
3	122	2.0
6	31	3.9
8	17	5.2
10	11	6.5
12	8	7.8
14	6	9.1
16	4	10.4

XW | 65° LENS



H (F)	FC	DIA (F)
3	55	3.2
6	14	6.4
8	8	8.6
10	5	10.7
12	3	12.9
14	3	15.0
16	2	17.2

H (F) — height of luminaire above surface in feet
FC — footcandles
DIA (F) — diameter of lit area

TYPICAL LIGHT LEVELS

- OFFICE DESK | 30FC
- DINING | 7-15FC
- KITCHEN COUNTER | 30FC

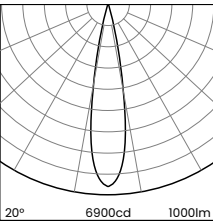
Patent www.juniper-design.com/patents/

JUNIPER-DESIGN.COM

SYSTEM SPECIFICATIONS
PHOTOMETRICS DATA
60 MM

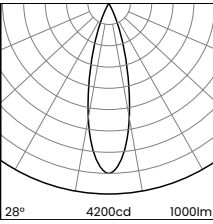
SPOT 1000LM | 3000K

NR | 20° LENS



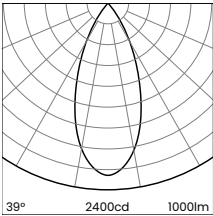
H (F)	FC	DIA (F)
3	763	1.0
6	191	2.1
8	107	2.8
10	69	3.5
12	48	4.2
14	35	4.9
16	27	5.6

ME | 28° LENS



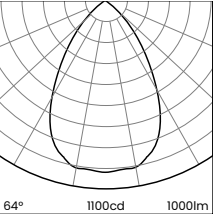
H (F)	FC	DIA (F)
3	472	1.5
6	118	2.9
8	66	3.9
10	42	4.8
12	29	5.8
14	22	6.8
16	17	7.7

WI | 39° LENS



H (F)	FC	DIA (F)
3	262	2
6	66	4
8	37	5.3
10	24	6.7
12	16	8
14	12	9.3
16	9	10.7

XW | 64° LENS



H (F)	FC	DIA (F)
3	119	3.2
6	30	6.4
8	17	8.5
10	11	10.6
12	7	12.7
14	5	14.8
16	4	17

H (F) — height of luminaire above surface in feet
FC — footcandles
DIA (F) — diameter of lit area.

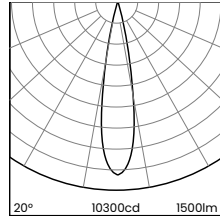
TYPICAL LIGHT LEVELS

- OFFICE DESK | 30FC
- DINING | 7-15FC
- KITCHEN COUNTER | 30FC

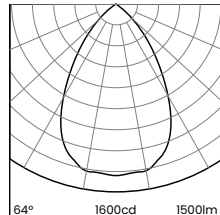
Patent www.juniper-design.com/patents/

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21° LENS

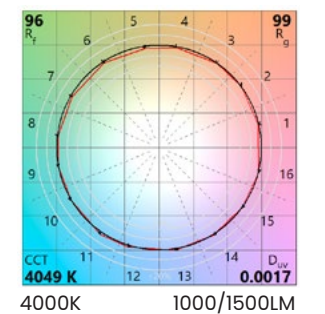
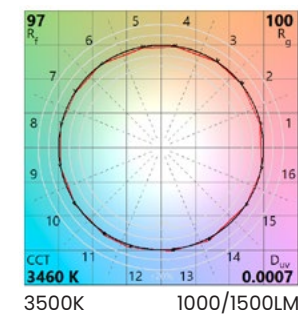
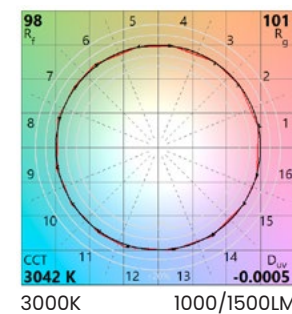
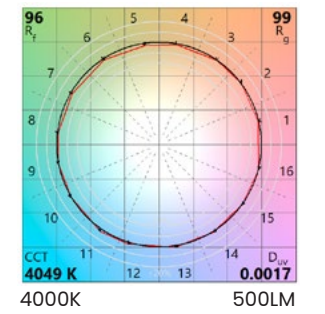
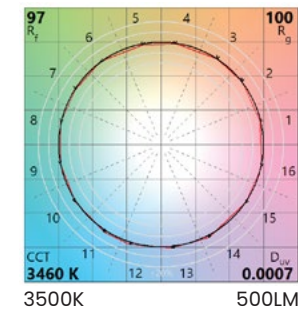
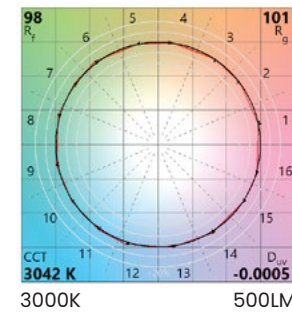


64° LENS



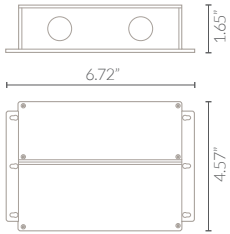
H (F) — height of luminaire above surface in feet
FC — footcandles
DIA (F) — diameter of lit area

OFFICE DESK | **30FC**
DINING | **7-15FC**
KITCHEN COUNTER | **30FC**



SYSTEM SPECIFICATIONS
POWER SUPPLY

- The MULTIVERSE® System power supplies are 120–277V AC input, forward-phase, reverse-phase, and 0–10V dimming to 1% in one package
- UL Listed power supplies are available for remote applications
- Use chart to determine the best wattage for the required layout and run length
- Two circuits are available – to maximize power and/or for separate circuit control, two power supplies are required

ITEM	WATTAGE	INPUT VOLTAGE	DIMMING	PART NUMBER
POWER SUPPLY				
<div>24VDC, Triac/ELV/0–10V 1% Dimming, Remote, UL Listed</div> <div></div>	30W	120–277V AC	Forward-phase, Reverse-phase, 0–10V	PWR-0127
	60W	120–277V AC	Forward-phase, Reverse-phase, 0–10V	PWR-0128
	96W			PWR-0129

SYSTEM SPECIFICATIONS
SYSTEM AND DRIVER MATRIX

NOMINAL DRIVER WATTAGE	LENGTH OF POWER FEED + RIBBON (FT)	500LM SPOTLIGHT (5.1W)	1000LM SPOTLIGHT (10.9W)	1500LM SPOTLIGHT (17.1W)
30	15	5	2	1
	75	5	2	1
	150	5	2	1
60	15	9	4	2
	75	9	4	2
	150	8	3	2
96	15	15	7	4
	75	13	7	4
	150	8	3	2

Numbers are for one 14 AWG circuit only – there are two circuits per ribbon.
Length must include distance between power supply and the ribbon, ≥14 AWG cabling assumed.

SYSTEM SPECIFICATIONS
FINISHES

The MULTIVERSE® System is available in a range of finishes including powder coating, metal plating, and a highly durable heat-cured urethane lacquer applied in our own state-of-the-art finishing department at our Southington Factory.

Custom system finishes are available on request. Lot charges apply.

For all finishes except primer, all ribbon, connectors, and luminaires will have a matching finish.

Primer is available on ribbon and ribbon connector components only. It is intended to be field painted with quality latex acrylic paints to match existing ceiling or wall finishes. Masking of conductors is required with provided masking.



Matte Black **32**



Matte Pure White (RAL 9016) **30**



Primer **31** — Ribbon and Connectors only



Satin Aluminum **33**



Polished Aluminum **37**



Satin Brass **36**



Satin Redwood **35**



Satin Classic Green **34**



Matte Off White (RAL 9002) **38**



Electric Blue (RAL 5012) **41**



Custom **CU**

LAYOUT GUIDE
PLAN

Ribbon segments come in stock sizes — to calculate overall lengths, combine segment dimensions with all connector components. Connector dimensions are available on the Spec Sheets.

Connect long runs with inline connector. All runs must be terminated with an End Cap. Connectors allow for pass through of circuit; ends can be isolated by installing the provided Isolating Tape to the track ends. See Spec Sheets.

A minimum of two mounting clips are provided with each ribbon segment, which is adequate for typical use when placed within 18" apart from each other. Additional mounting clips can be added to support the ribbon where needed in special cases.

FIELD CUTTING

The ribbon segments may be cut to length. Field cutting should be done with a sharp saw — high-tooth-count miter saw recommended. The field cutting process is covered in detail in the installation guide.

HOW TO LAY OUT
THE MULTIVERSE® SYSTEM

- 1. Determine remote power feed locations and select power feed type.
- 2. Select ribbon segments and connectors necessary for desired layout.
- 3. Select accent luminaires.
- 4. Determine wattage and select power supplies — use the Power Supply section for reference.



- | | | | | | |
|---|--------------------------|---|------------------|---|---------------------------|
| 1 | END FEED J-BOX MOUNTED | 4 | 90 DEGREE CORNER | 7 | INLINE |
| 2 | END FEED SURFACE MOUNTED | 5 | 4 WAY | 8 | INLINE FEED J-BOX MOUNTED |
| 3 | CONDUIT FEED | 6 | 3 WAY | | |



