

JUNIPER[®]

JUNIPER-DESIGN.COM

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MULTIVERSE
SYSTEM
A NEW GENERATION OF INDOOR POWER DISTRIBUTION

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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.

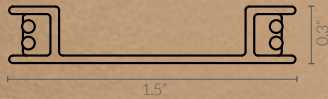
As part of the greater Juniper collection, the patented MULTIVERSE® System can mount most Juniper products via magnetic adaptors, eliminating the need to run internal wiring and turning a fixed lighting plan into a flexible, user-tailored system. Like all Juniper products, MULTIVERSE® is manufactured 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

Patent Notice — this product is protected by patent(s) and/or pending patent application(s) and their corresponding national rights. Information regarding the patent(s) and/or pending patent application(s) can be found at www.juniper-design.com/patents/.

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 from narrow, medium, wide and extra wide.
Precision-machined aluminum
Full 360° rotation and 0–90° tilt
1.5" / 38 mm dia. × 4.25" / 108 mm height



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

2700K, 3000K, 3500K, 4000K

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

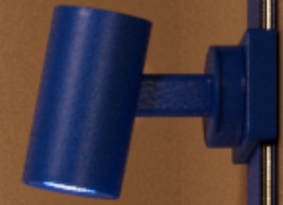
Easy install clip system, field-cuttable
Junction box covers
Surface-mounted power supplies

LUMINAIRE FINISHES

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

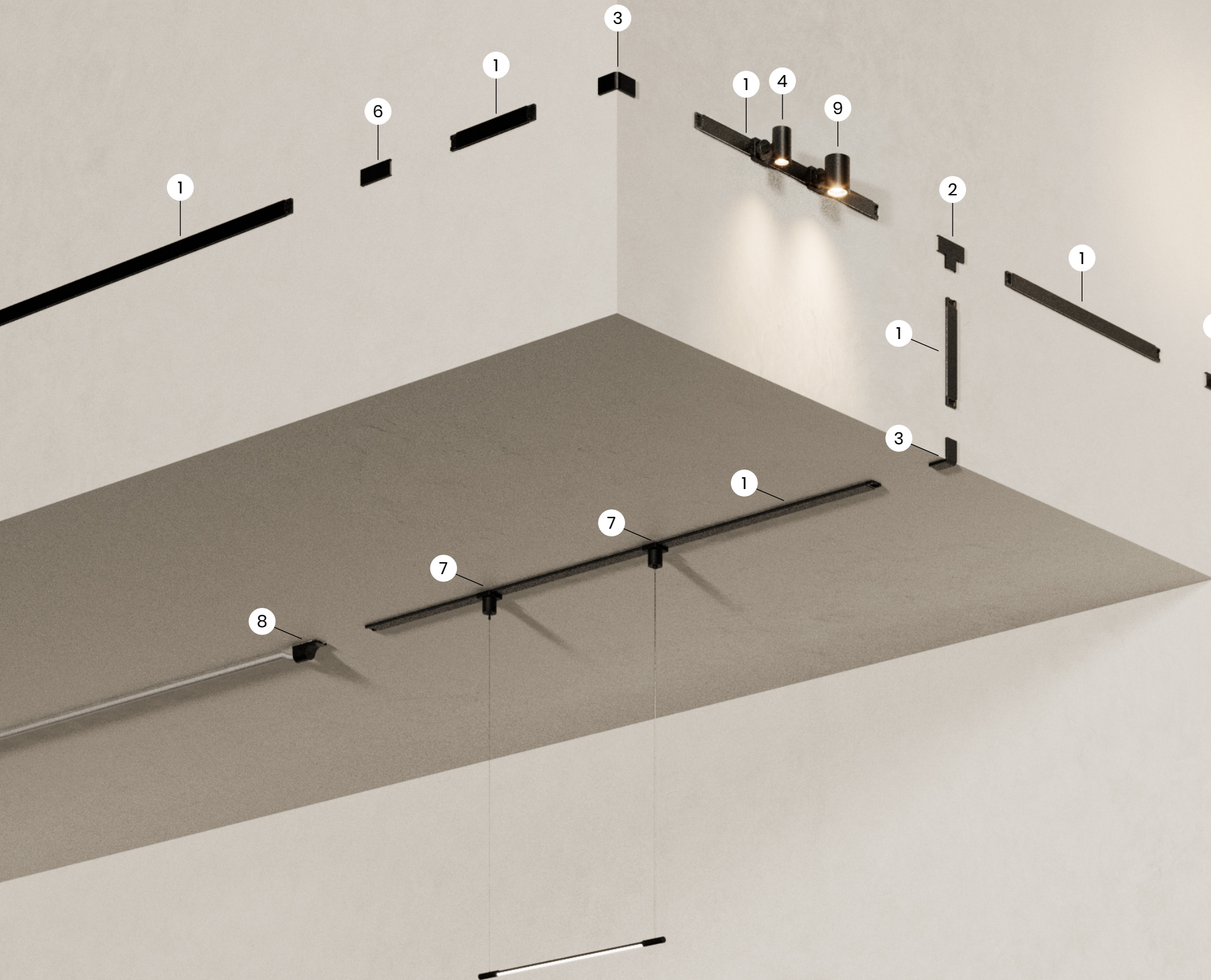
RIBBON AND CONNECTOR FINISHES

High performance coatings
Primer is field paintable



MULTIVERSE® SYSTEM OVERVIEW

VISUAL COMPONENTS GLOSSARY



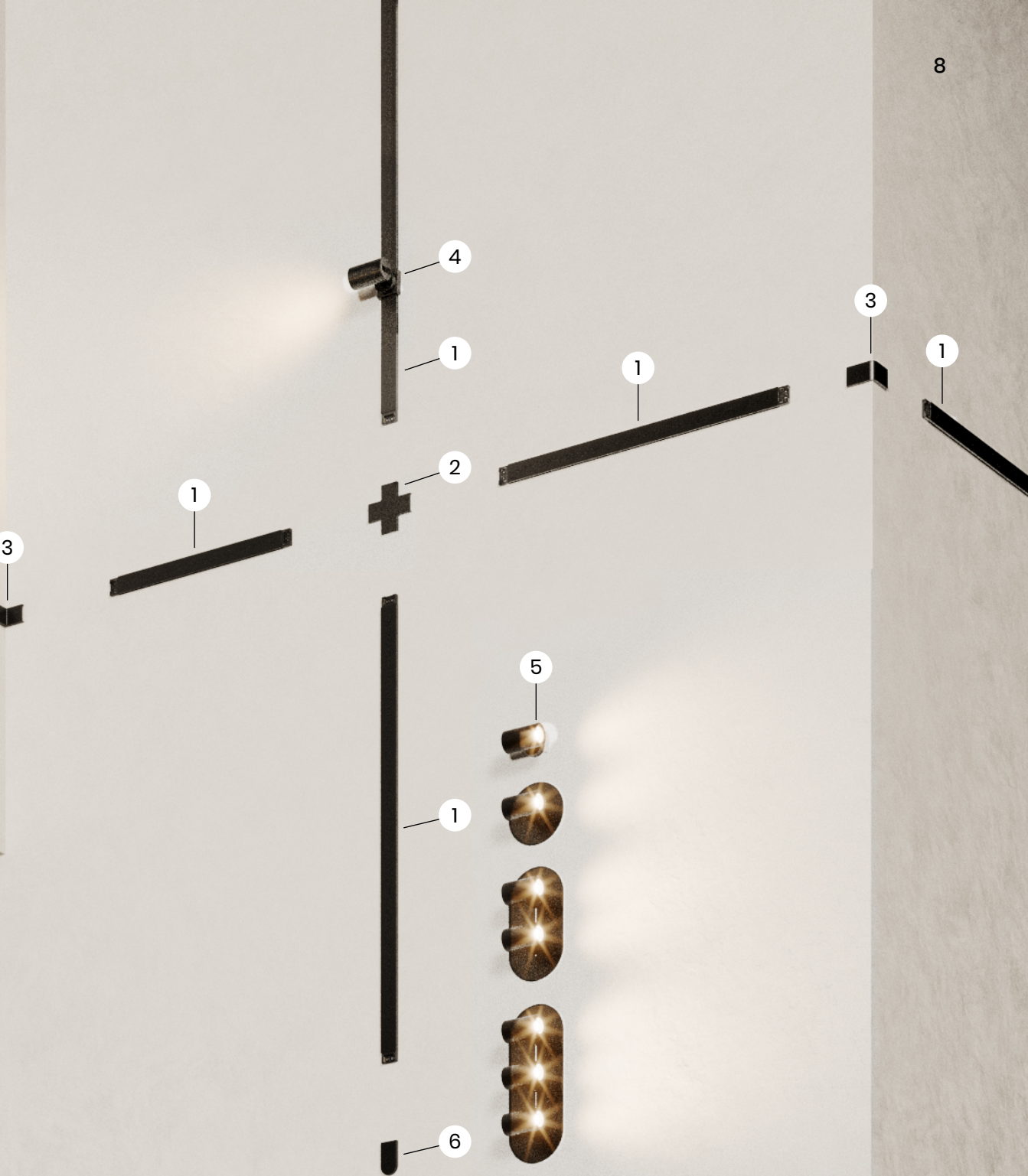
Ribbon adaptors allow for the use of other Juniper fixtures.
Inquire for details.

- 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: 11/01/2023

Updated: 11/01/2023

MULTIPLE POWER FEED
OPTIONS

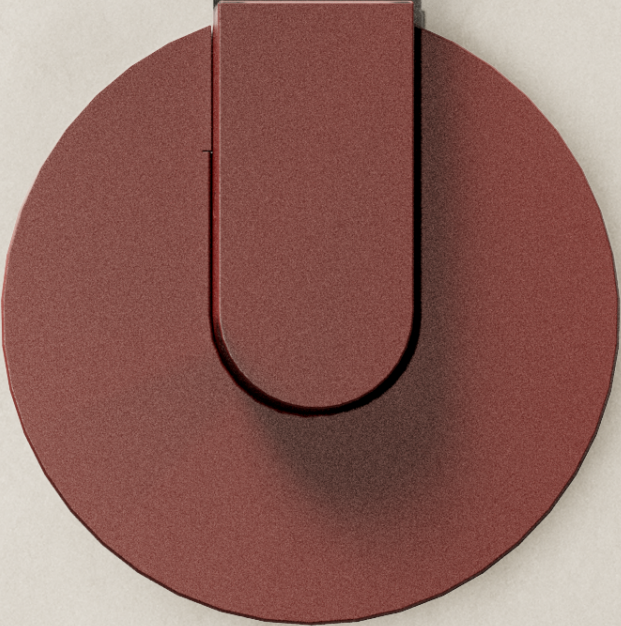
Connect the system with or without junction boxes, for inline, corner, and end feeds.

DIMMABLE

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

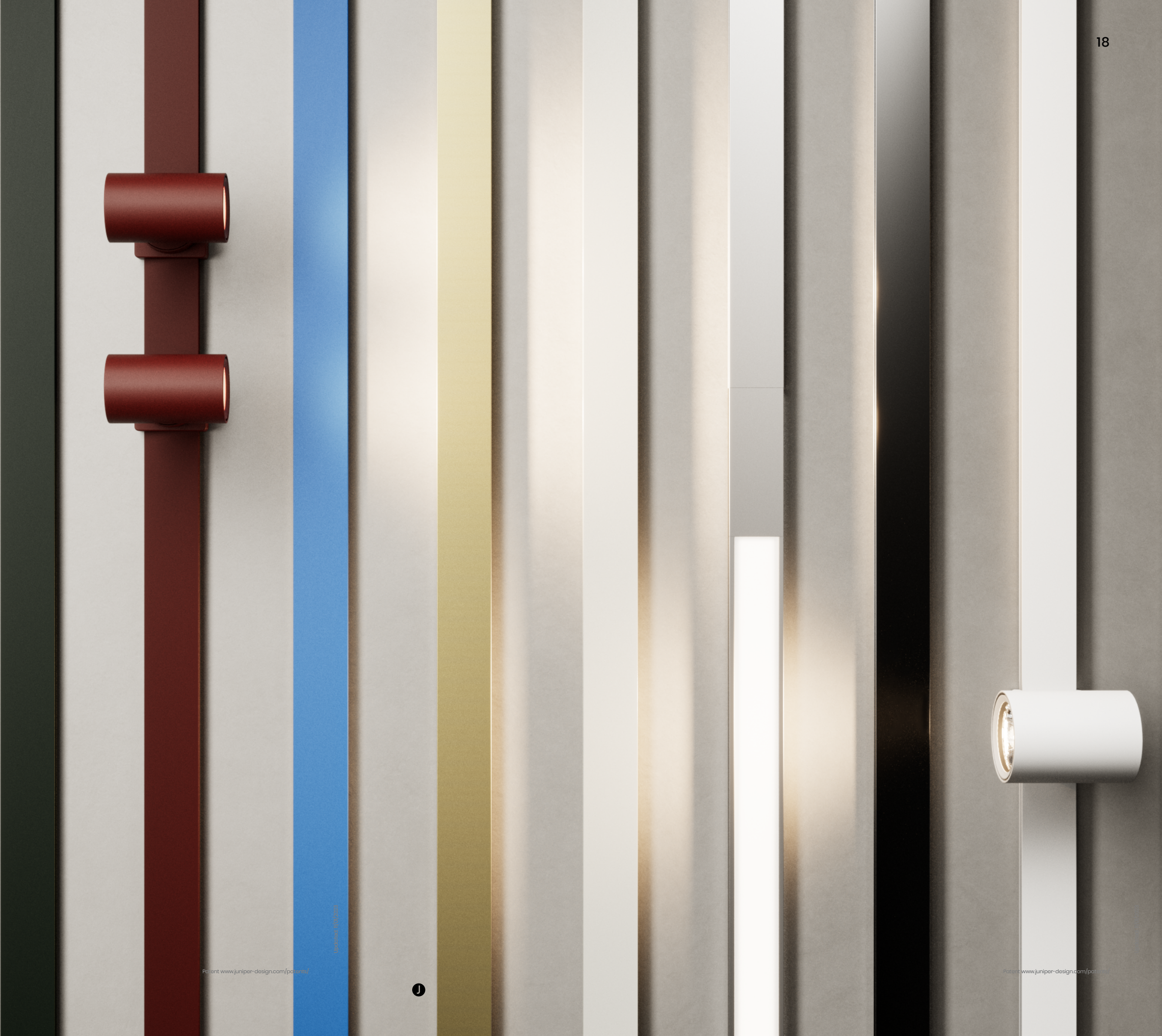
EFFICIENT

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.



MULTIVERSE® SYSTEM OVERVIEW

MONOPOINTS



ULTRA SMALL MONOPOINTS

Miniature adjustable lighting
that enhance the architecture

EASY MOUNTING

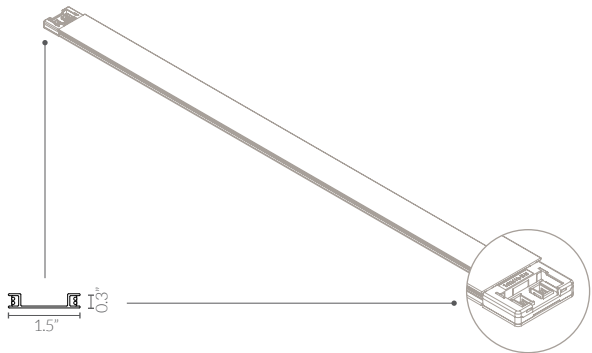
Available with and without
cover plates for J-Box mounting
or low-voltage direct power

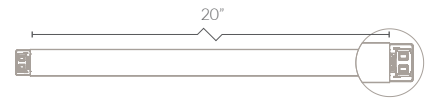
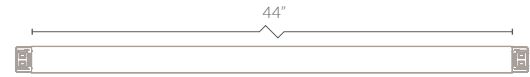
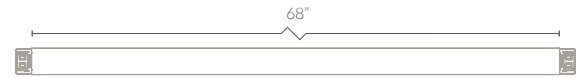
INCREDIBLE FINISHES

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



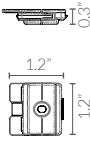
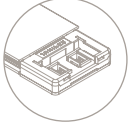
ITEM	INCL. CLIPS	QTY	FINISH	PART NUMBER
2 FT RIBBON 	2	32	BLACK	JPR-MLTV-TRK1-002-32
		33	SATIN ALUMINUM	JPR-MLTV-TRK1-002-33
		30	WHITE	JPR-MLTV-TRK1-002-30
		31	PRIMER	JPR-MLTV-TRK1-002-31
4 FT RIBBON 	3	32	BLACK	JPR-MLTV-TRK1-004-32
		33	SATIN ALUMINUM	JPR-MLTV-TRK1-004-33
		30	WHITE	JPR-MLTV-TRK1-004-30
		31	PRIMER	JPR-MLTV-TRK1-004-31
6 FT RIBBON 	4	32	BLACK	JPR-MLTV-TRK1-006-32
		33	SATIN ALUMINUM	JPR-MLTV-TRK1-006-33
		30	WHITE	JPR-MLTV-TRK1-006-30
		31	PRIMER	JPR-MLTV-TRK1-006-31

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.

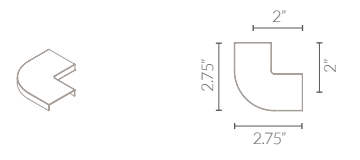
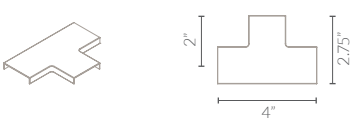
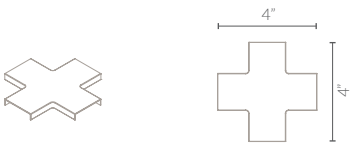
ITEM	PART NUMBER
SURFACE MOUNT CLIP  Mounts the ribbon to any flat surface with a #6 pan-head screw 	RAS-0112-WM
TRACK END COUPLER (Z-END)  Distributes power between track and connectors/ power feeds. Two pieces are included with each ribbon segment	RAS-0245

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

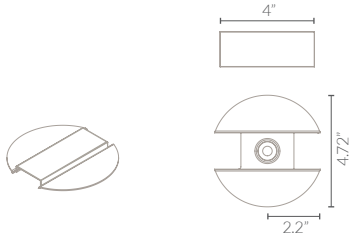
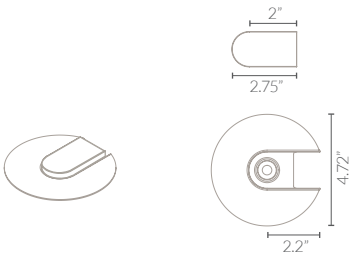
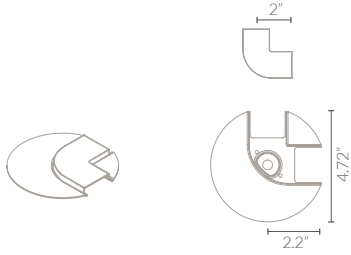
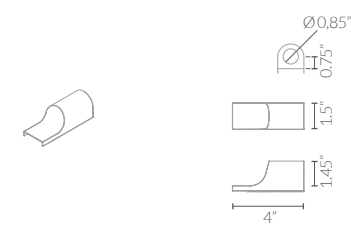
For additional mounting and dimension information, see [Minimum Dimensions](#).

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

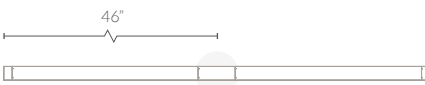
Please contact Juniper for alternate configurations.

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.

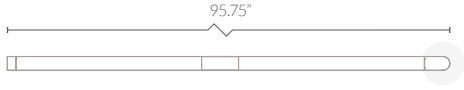
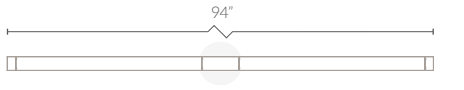
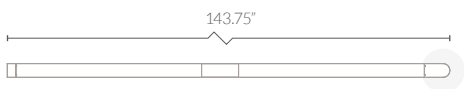
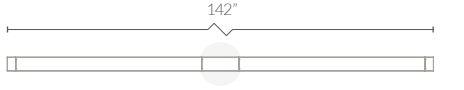
ITEM		FINISH	PART NUMBER
INLINE Direct wire with low voltage cable; can feed in both directions; can be mounted to surface or standard 4" octagon box		32 BLACK	JPR-MLTV-RPF1-J-IL-32
		33 SATIN ALUMINUM	JPR-MLTV-RPF1-J-IL-33
		30 WHITE	JPR-MLTV-RPF1-J-IL-30
		31 PRIMER	JPR-MLTV-RPF1-J-IL-31
END Direct 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-TRK1-004-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-TRK1-002-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-TRK1-006-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-TRK1-004-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-TRK1-004-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-TRK1-006-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-TRK1-006-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 LOAD NON-POWERED	32 BLACK	JPR-MLTV-ADP1-L-32
 Connects 24VDC suspension luminaires < 5lbs to the MULTIVERSE® ribbon — accepts 3/64 aircraft cable	33 SATIN ALUMINUM	JPR-MLTV-ADP1-L-33
	30 WHITE	JPR-MLTV-ADP1-L-30
SUSPENSION ADAPTOR LOAD POWERED	32 BLACK	JPR-MLTV-ADP1-D-32
 Connects 24VDC suspension luminaires < 5lbs to the MULTIVERSE® ribbon — accepts 3/64 aircraft cable and JUNIPER coaxial cable	33 SATIN ALUMINUM	JPR-MLTV-ADP1-D-33
	30 WHITE	JPR-MLTV-ADP1-D-30

SYSTEM SPECIFICATIONS
SPOTLIGHTS U-MOUNT
45 MM, STANDARD STEM

SPECIFICATION BUILDER

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

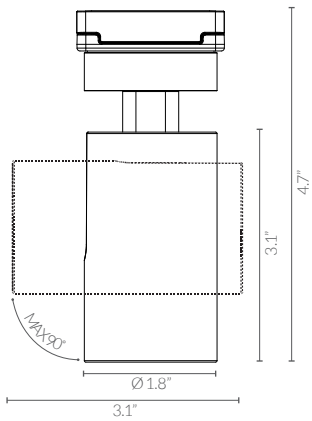
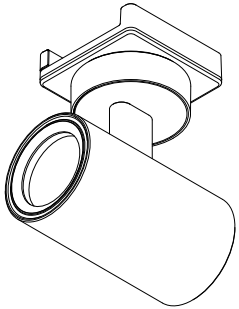
MODEL	1. SIZE	2. OUTPUT	3. DIMMING	4. STEM
JPR-MLTV-SPT1-	45 45 MM DIAMETER	050 500LM / 5.1W	A 1%	STND STANDARD (2.2")

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

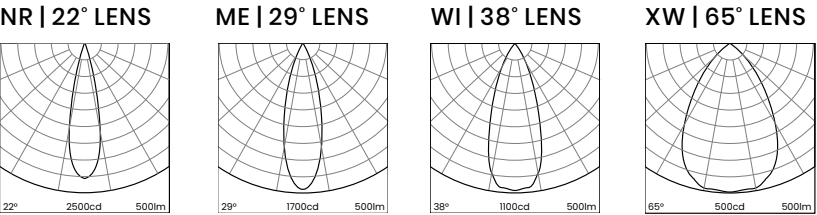
For additional lenses and accessories, see [Lenses and Optical Accessories](#).
For detailed photometrics, see [Photometrics Guide](#).
[IES files](#) available.

SYSTEM SPECIFICATIONS
SPOTLIGHTS U-MOUNT
45 MM, 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

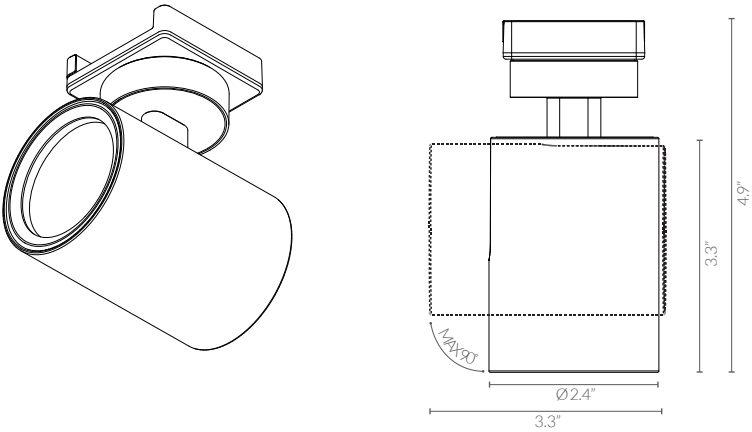
JPR-MLTV-SPT1-	60		A	STND			N	
	1	2	3	4	5	6	7	8
MODEL	1. SIZE	2. OUTPUT		3. DIMMING		4. STEM		
JPR-MLTV-SPT1-	60 60 MM DIAMETER	100 1000LM / 10.9W	A 1%	STND STANDARD (2.2")				
		150 1500LM / 17.1W						
	</							

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

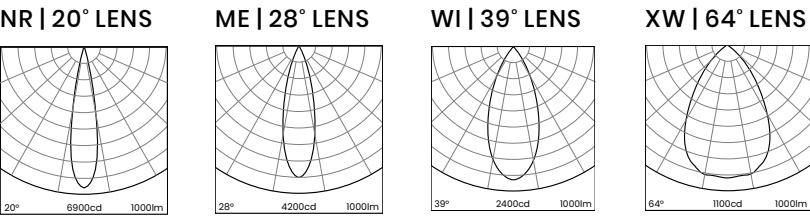


SYSTEM SPECIFICATIONS
SPOTLIGHTS U-MOUNT
60 MM, STANDARD STEM

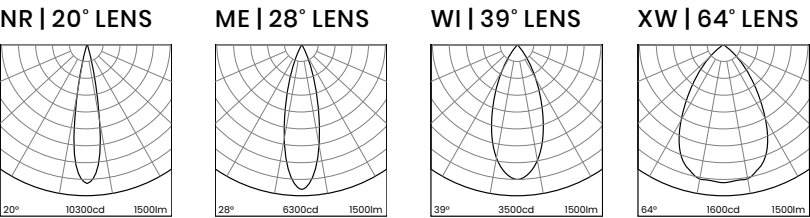
- CRI 95-98
- R9 94-99
- Rf 96-98
- Rg 99-102
- 85-90 LM/W delivered efficacy
- Standard ribbon-mounted spotlight
- Features proprietary one-handed side-load clamp mechanism
- Change between ribbon circuits by reversing orientation on the ribbon
- Field-replaceable lenses and accessories available
-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



SPOTLIGHT 1000LM | 3000K



SPOTLIGHT 1500LM | 3000K



SYSTEM SPECIFICATIONS
SPOTLIGHTS U-MOUNT
45 MM, LONG STEM

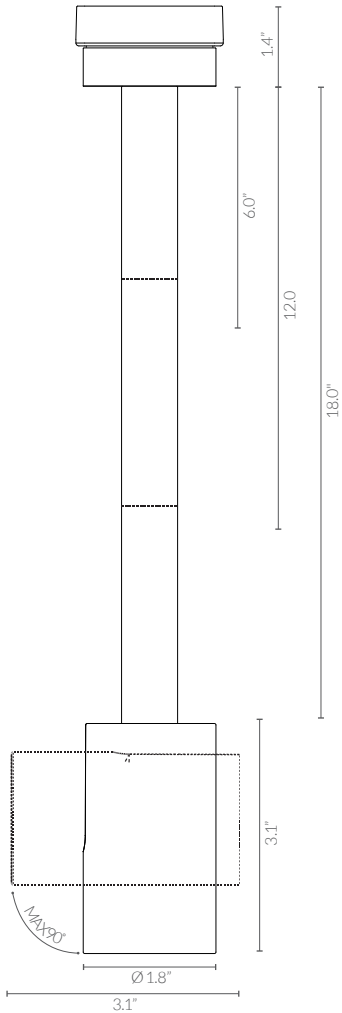
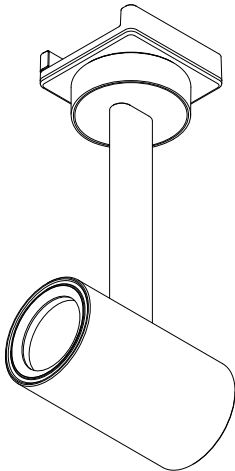
SPECIFICATION BUILDER

JPR-MLTV-SPT1-	45	050	A				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%	0006 6" 0012 12" 0018 18" 0024 24" CUXX CUSTOM Maximum length 24"				
	5. CCT	6. BEAM SPREAD	7. ACCESSORY SLOT	8. FINISH				
	27 2700K	NR NARROW (22)	N NONE (SPACER RING)	30 MATTE PURE WHITE				
	30 3000K	ME MEDIUM (29)	Spacer ring comes standard. See optical accessory kits for field replaceable accessories:	32 MATTE BLACK				
	35 3500K	WI WIDE (38)		33 SATIN ALUMINUM				
	40 4000K	XW EXTRA WIDE (65)						
		See lens kits for additional field replaceable lenses	HEX LOUVER SOFTENING LENS SNOOT	Stock finishes shown. See Finishes for additional options.				

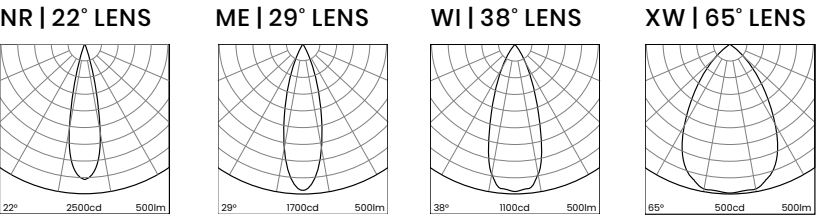
For additional lenses and accessories, see [Lenses and Optical Accessories](#).
For detailed photometrics, see [Photometrics Guide](#).
[IES files](#) available.

SYSTEM SPECIFICATIONS
SPOTLIGHTS U-MOUNT
45 MM, 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

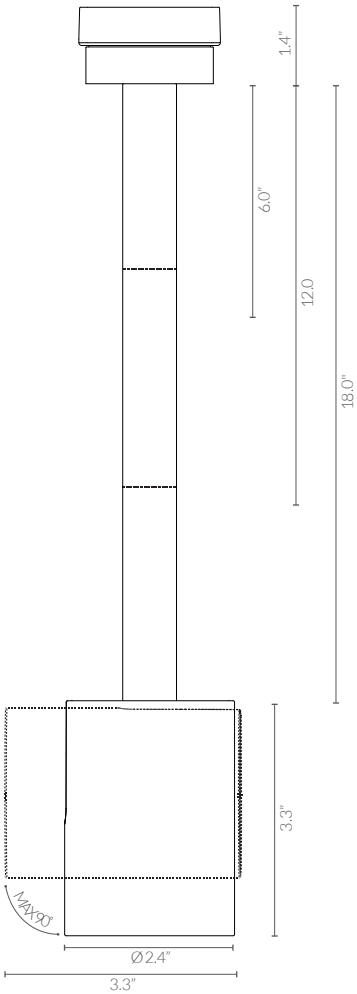
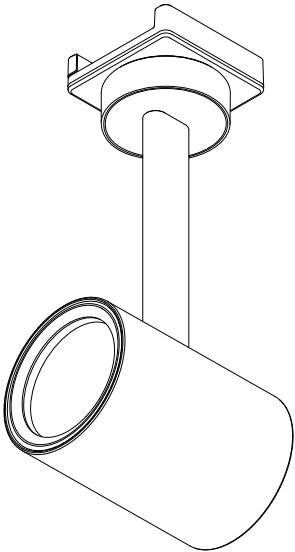
SPECIFICATION BUILDER

JPR-MLTV-SPT1-	60		A				N	
	1	2	3	4	5	6	7	8
MODEL	1. SIZE	2. OUTPUT	3. DIMMING	4. STEM	5. CCT	6. BEAM SPREAD	7. ACCESSORY SLOT	8. FINISH
JPR-MLTV-SPT1-	60 60 MM DIAMETER	100 1000LM / 10.9W 150 1500LM / 17.1W	A 1%	0006 6" 0012 12" 0018 18" 0024 24" CUXX CUSTOM Maximum length 24"	27 2700K 30 3000K 35 3500K 40 4000K	NR NARROW (20) ME MEDIUM (28) WI WIDE (39) XW EXTRA WIDE (64) See lens kits for additional field replaceable lenses	N NONE (SPACER RING) Spacer ring comes standard. See optical accessory kits for field replaceable accessories: HEX LOUVER SOFTENING LENS SNOOT	30 MATTE PURE WHITE 32 MATTE BLACK 33 SATIN ALUMINUM Stock finishes shown. See Finishes for additional options.

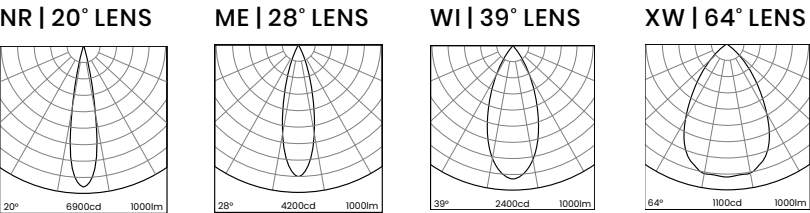
For additional lenses and accessories, see [Lenses and Optical Accessories](#).
For detailed photometrics, see [Photometrics Guide](#).
[IES files](#) available.

SYSTEM SPECIFICATIONS
SPOTLIGHTS U-MOUNT
60 MM, LONG STEM

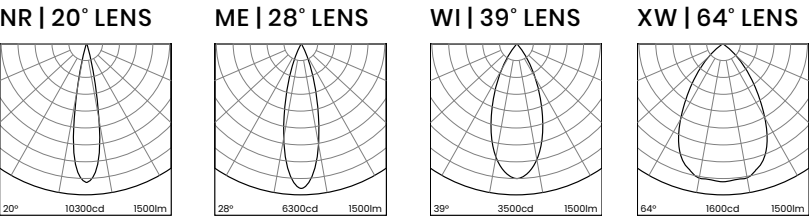
- CRI 95-98
- R9 94-99
- Rf 96-98
- Rg 99-102
- 85-90 LM/W delivered efficacy
- Standard ribbon-mounted spotlight
- Features proprietary one-handed side-load clamp mechanism
- Change between ribbon circuits by reversing orientation on the ribbon
- Field-replaceable lenses and accessories available
- 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	STND			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%	STND STANDARD (2.2")
	5. CCT	6. BEAM SPREAD	7. ACCESSORY SLOT	8. FINISH
	27 2700K	NR NARROW (22)	N NONE (SPACER RING)	30 MATTE PURE WHITE
	30 3000K	ME MEDIUM (29)		32 MATTE BLACK
	35 3500K	WI WIDE (38)	Spacer ring comes standard. See optical accessory kits for field replaceable accessories:	33 SATIN ALUMINUM
	40 4000K	XW EXTRA WIDE (65)	HEX LOUVER SOFTENING LENS SNOOT	Stock finishes shown. See Finishes for additional options.
		See lens kits for additional field replaceable lenses		

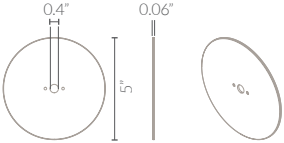
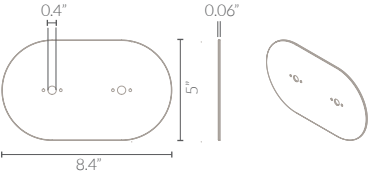
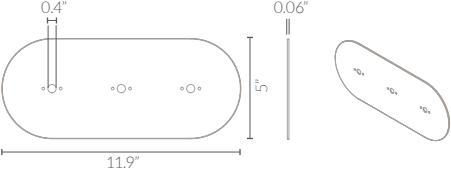
ITEM	PART NUMBER
SINGLE PLATE 	JPR-MLTV-MPP1-01-XX
DOUBLE PLATE 	JPR-MLTV-MPP1-02-XX
TRIPLE PLATE 	JPR-MLTV-MPP1-03-XX

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.



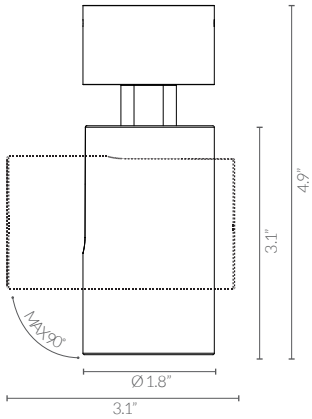
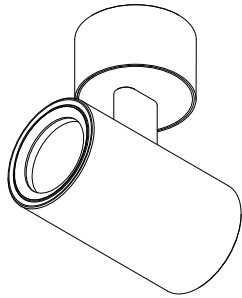
Patent www.juniper-design.com/patents/

JUNIPER-DESIGN.COM

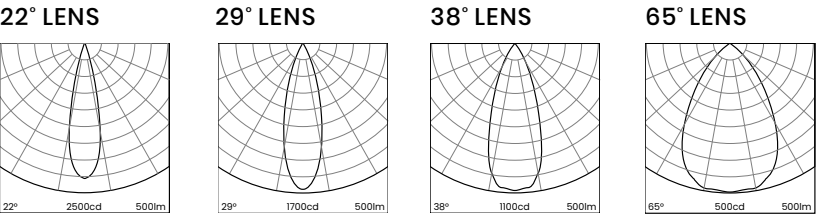
MULTIVERSE® PRODUCT GUIDE

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



Patent www.juniper-design.com/patents/

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+1-347-799-2915



Updated: 11/01/2023

Updated: 11/01/2023

SYSTEM SPECIFICATIONS
SPOTLIGHTS MONOPOINT
60 MM, STANDARD STEM

SPECIFICATION BUILDER

JPR-MLTV-MPT1-	60		A	STND			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%	STND	STANDARD (2.2")
			150	1500LM / 17.1W				
	5. CCT		6. BEAM SPREAD		7. ACCESSORY SLOT		8. FINISH	
	27	2700K	NR	NARROW (20)	N	NONE (SPACER RING)	30	MATTE PURE WHITE
	30	3000K	ME	MEDIUM (28)			32	MATTE BLACK
	35	3500K	WI	WIDE (39)	Spacer ring comes standard. See optical accessory kits for field replaceable accessories:		33	SATIN ALUMINUM
	40	4000K	XW	EXTRA WIDE (64)				
			See lens kits for additional field replaceable lenses		HEX LOUVER SOFTENING LENS SNOOT		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:

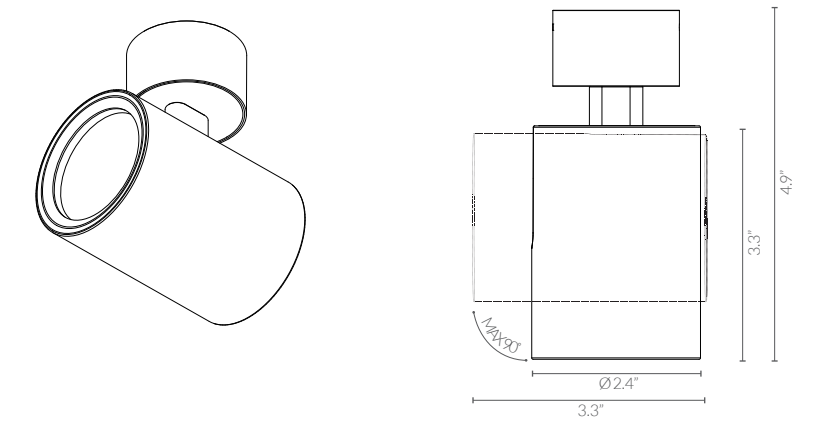
— cross bar for mounting to 4" junction box

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

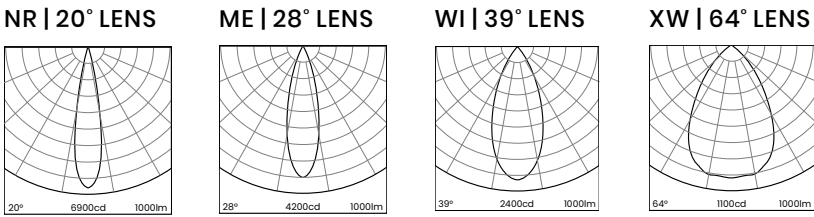
For detailed photometrics, see [Photometrics Guide](#).
[IES files](#) available.

SYSTEM SPECIFICATIONS
SPOTLIGHTS MONOPOINT
60 MM, STANDARD STEM

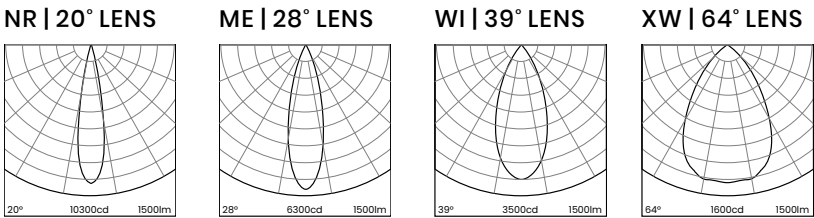
- CRI 95-98
- R9 94-99
- Rf 96-98
- Rg 99-102
- 85-90 LM/W delivered efficacy
- Standard accent luminaire powered via 24VDC low voltage power supply
- Hardware included for mounting: #8 toggle bolt for direct mount to surface
- Field-replaceable lenses and accessories available
- Fully 360 degree/0-90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



MONOPOINT 1000LM | 3000K



MONOPOINT 1500LM | 3000K



SYSTEM SPECIFICATIONS
SPOTLIGHTS MONOPOINT
45 MM, LONG STEM

SPECIFICATION BUILDER

JPR-MLTV-MPT1-	45	050	A				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%	0006 6" 0012 12" 0018 18" 0024 24" CUXX CUSTOM Maximum length 24"
	5. CCT	6. BEAM SPREAD	7. ACCESSORY SLOT	8. FINISH
	27 2700K	NR NARROW (22)	N NONE (SPACER RING)	30 MATTE PURE WHITE
	30 3000K	ME MEDIUM (29)		32 MATTE BLACK
	35 3500K	WI WIDE (38)	Spacer ring comes standard. See <u>optical accessory kits</u> for field replaceable accessories:	33 SATIN ALUMINUM
	40 4000K	XW EXTRA WIDE (65) See <u>lens kits</u> for additional field replaceable lenses	HEX LOUVER SOFTENING LENS SNOOT	Stock finishes shown. See <u>Finishes</u> for additional options.

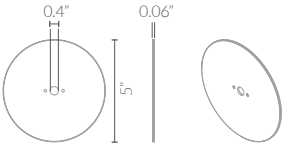
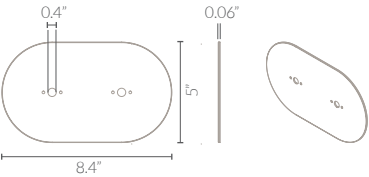
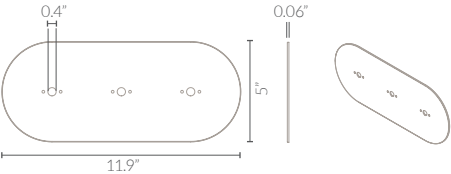
ITEM	PART NUMBER
SINGLE PLATE 	JPR-MLTV-MPP1-01-XX
DOUBLE PLATE 	JPR-MLTV-MPP1-02-XX
TRIPLE PLATE 	JPR-MLTV-MPP1-03-XX

Plate includes:

— cross bar for mounting to 4" junction box

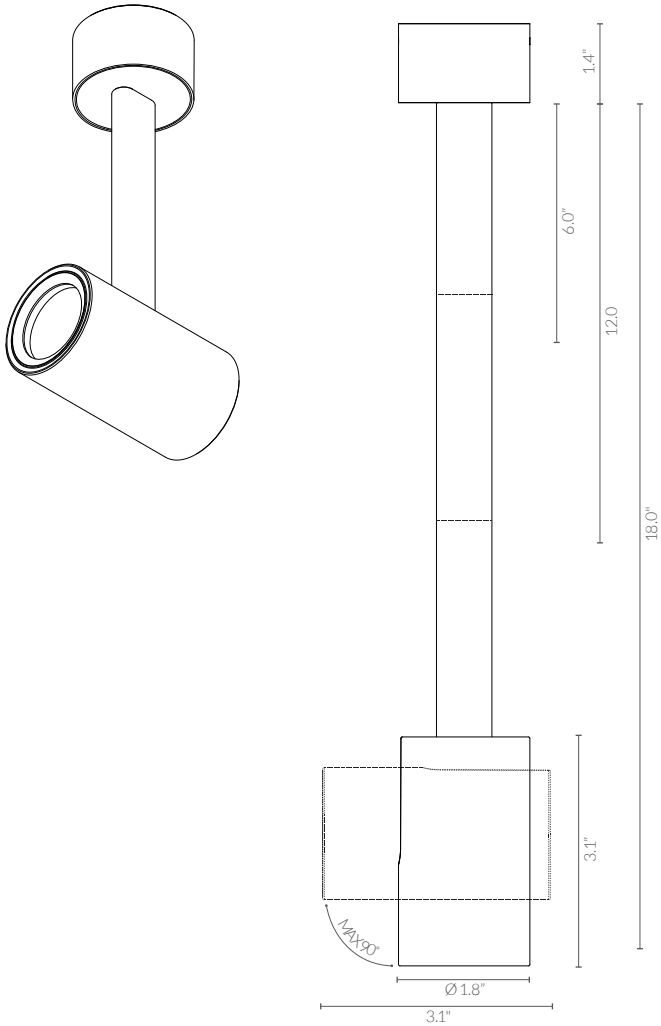
— spring clips for use with Plate to mount to 2–4" dia. hole in drywall

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

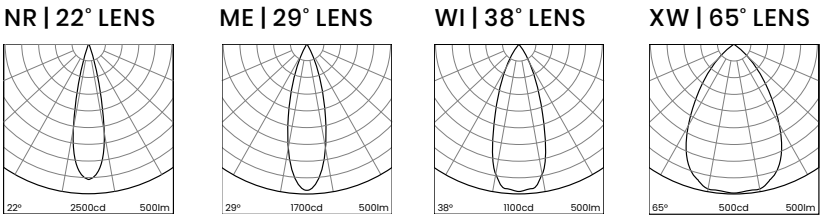


SYSTEM SPECIFICATIONS
SPOTLIGHTS MONOPOINT
45 MM, LONG STEM

- 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				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%	0006 6" 0012 12" 0018 18" 0024 24" CUXX CUSTOM Maximum length 24"
	5. CCT	6. BEAM SPREAD	7. ACCESSORY SLOT	8. FINISH
	27 2700K 30 3000K 35 3500K 40 4000K	NR NARROW (20) ME MEDIUM (28) WI WIDE (39) XW EXTRA WIDE (64) See lens kits for additional field replaceable lenses	N NONE (SPACER RING) Spacer ring comes standard. See optical accessory kits for field replaceable accessories: HEX LOUVER SOFTENING LENS SNOOT	30 MATTE PURE WHITE 32 MATTE BLACK 33 SATIN ALUMINUM Stock finishes shown. See Finishes for additional options.

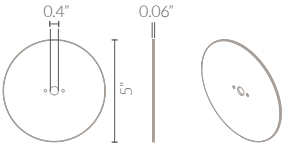
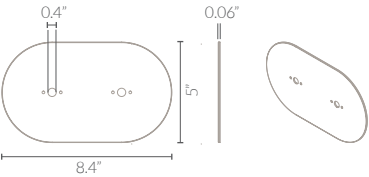
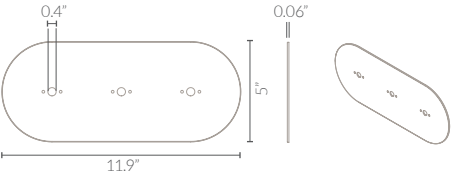
ITEM	PART NUMBER
SINGLE PLATE	JPR-MLTV-MPP1-01-XX
DOUBLE PLATE	JPR-MLTV-MPP1-02-XX
TRIPLE PLATE	JPR-MLTV-MPP1-03-XX

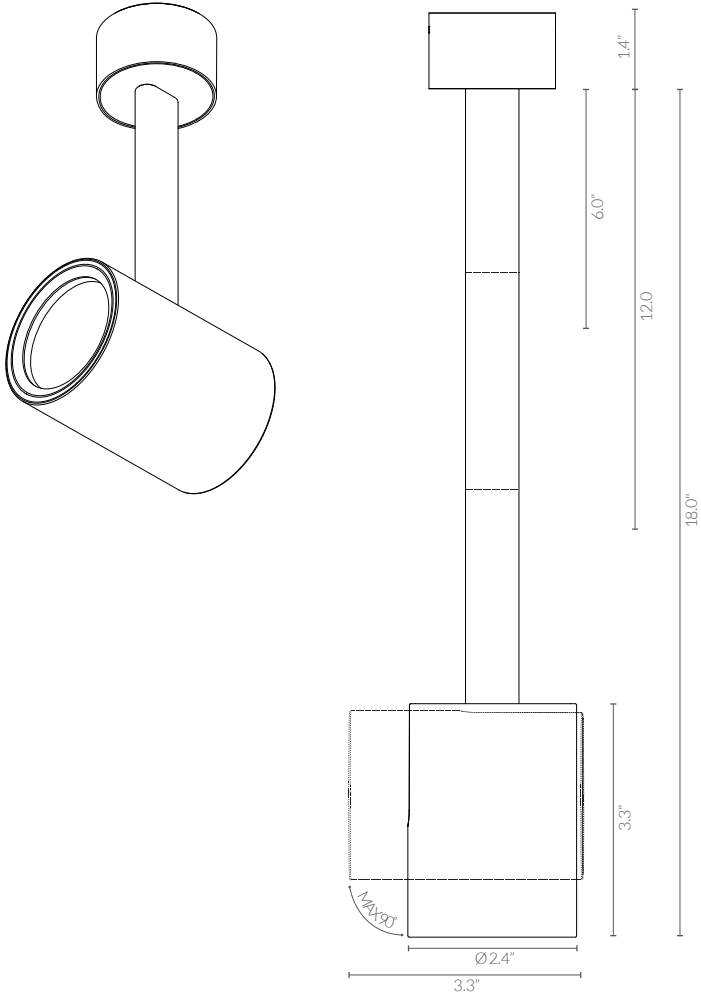
Plate includes:

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

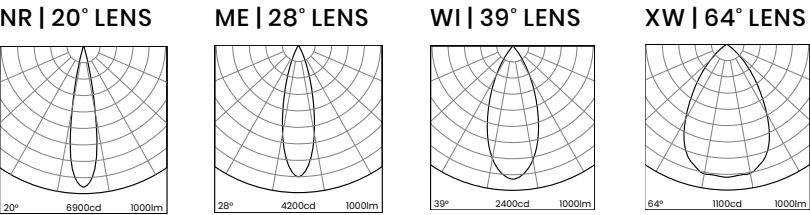
For detailed photometrics, see [Photometrics Guide](#).
IES files available.
UL US DAMP RATED

SYSTEM SPECIFICATIONS
SPOTLIGHTS MONOPOINT
60 MM, LONG STEM

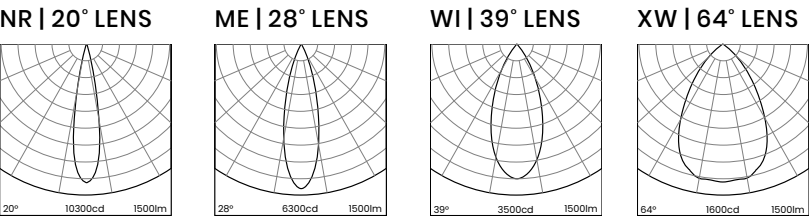
- CRI 95–98
- R9 94–99
- Rf 96–98
- Rg 99–102
- 85–90 LM/W delivered efficacy
- Standard accent luminaire powered via 24VDC low voltage power supply
- Hardware included for mounting: #8 toggle bolt for direct mount to surface
- Field-replaceable lenses and accessories available
- Fully 360 degree/0–90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



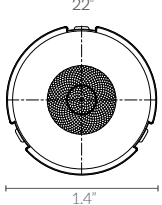
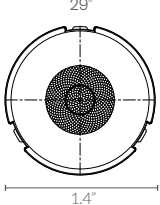
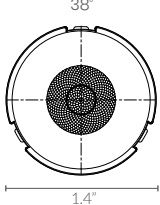
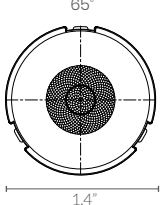
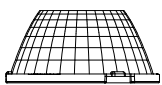
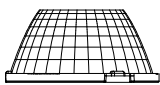
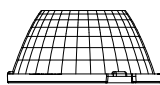
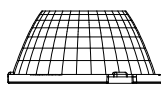
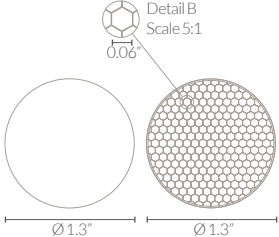
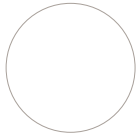
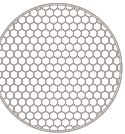
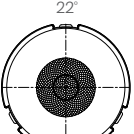
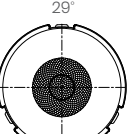
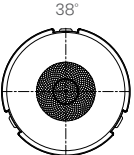
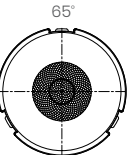
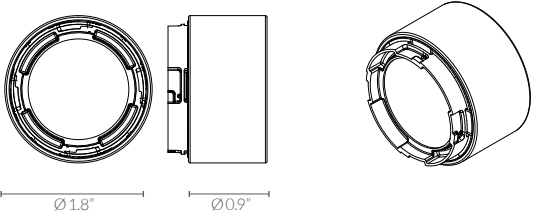
MONOPOINT 1000LM | 3000K



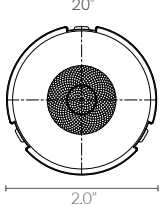
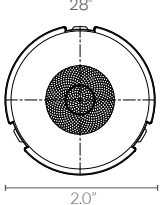
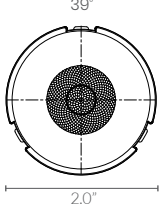
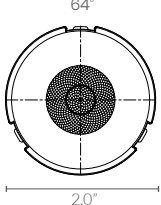
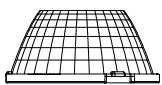
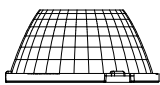
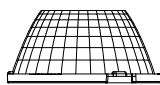
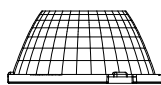
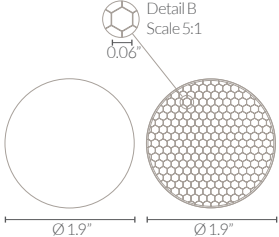
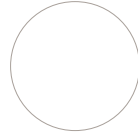
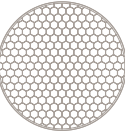
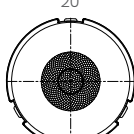
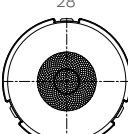
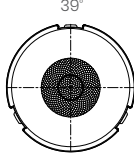
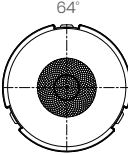
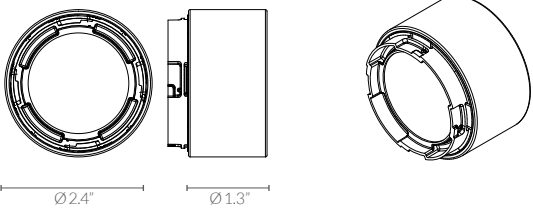
MONOPOINT 1500LM | 3000K



SYSTEM SPECIFICATIONS
LENSES AND OPTICAL ACCESSORIES
45 MM

ITEM	PART NUMBER			
45 MM OPTICAL LENS KIT Narrow 22°, Medium 29°, Wide 38°, and Extra Wide 65° beam angle lenses; comes with a lens removal tool	 22° 1.4"	 29° 1.4"	 38° 1.4"	 65° 1.4"
	 0.64"	 0.64"	 0.64"	 0.64"
45 MM OPTICAL ACCESSORIES KIT Softening glass, hex louver; comes with a lens removal tool	 Detail B Scale 5:1 0.06" Ø1.3" Ø1.3"			
	 1 1/8"			
45 MM COMBINED OPTICAL ACCESSORY + LENS KIT Contains the accessories and four lenses from the two kits above	 Ø1.3"	 Ø1.3"	 22°	 29°
			 38°	 65°
45 MM SNOOT	 Ø1.8" Ø0.9"			

SYSTEM SPECIFICATIONS
LENSES AND OPTICAL ACCESSORIES
60 MM

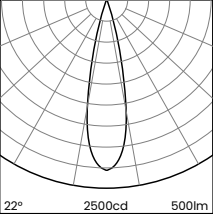
ITEM	PART NUMBER			
60 MM OPTICAL LENS KIT Narrow 20°, Medium 28°, Wide 39°, and Extra Wide 64° beam angle lenses; comes with a lens removal tool	 20° 2.0"	 28° 2.0"	 39° 2.0"	 64° 2.0"
	 0.93"	 0.93"	 0.93"	 0.93"
60 MM OPTICAL ACCESSORIES KIT Softening glass, hex louver; comes with a lens removal tool	 Detail B Scale 5:1 0.06" Ø1.9" Ø1.9"			
	 1 1/8"			
60 MM COMBINED OPTICAL ACCESSORY + LENS KIT Contains the accessories and four lenses from the two kits above.	 Ø1.9"	 Ø1.9"	 20°	 28°
			 39°	 64°
60 MM SNOOT	 Ø2.4" Ø1.3"			

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.

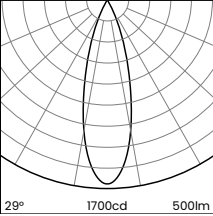
SPOT 500LM | 3000K

NR | 22° LENS



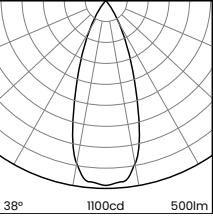
H (F)	FC	DIA (F)
3	274	1.1
6	69	2.3
8	39	3.1
10	25	3.8
12	18	4.6
14	13	5.3
16	10	6.1

ME | 29° LENS



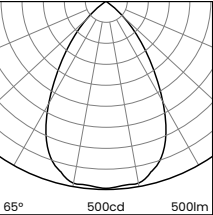
H (F)	FC	DIA (F)
3	192	1.5
6	48	3.0
8	27	4.0
10	17	5.0
12	12	6.0
14	9	7.0
16	7	8.0

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

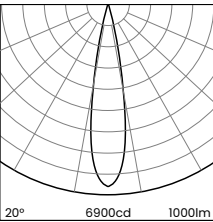
TYPICAL LIGHT LEVELS

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

SYSTEM SPECIFICATIONS
PHOTOMETRICS DATA
60 MM

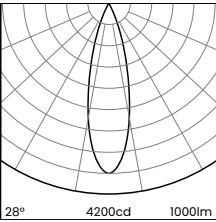
SPOT 1000LM | 3000K

NR | 20° LENS



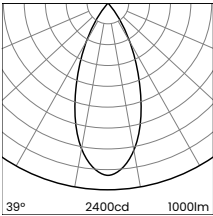
H (F)	FC	DIA (F)
3	763	1.0
6	191	2.1
8	107	2.8
10	69	3.5
12	48	4.2
14	35	4.9
16	27	5.6

ME | 28° LENS



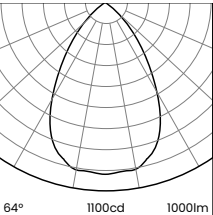
H (F)	FC	DIA (F)
3	472	1.5
6	118	2.9
8	66	3.9
10	42	4.8
12	29	5.8
14	22	6.8
16	17	7.7

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.

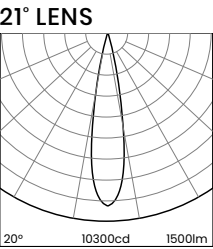
TYPICAL LIGHT LEVELS

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

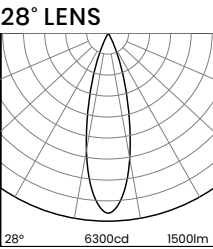


SYSTEM SPECIFICATIONS
PHOTOMETRICS DATA
60 MM

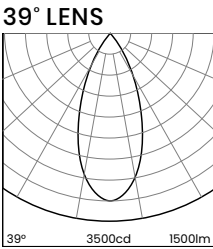
SPOT 1500LM



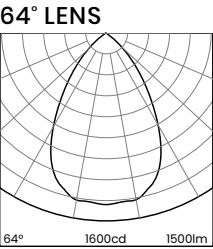
H (F)	FC	DIA (F)
3	1144	1
6	286	2.1
8	161	2.8
10	103	3.5
12	71	4.2
14	53	4.9
16	40	5.6



H (F)	FC	DIA (F)
3	696	1.5
6	174	2.9
8	98	3.9
10	63	4.8
12	43	5.8
14	32	6.8
16	24	7.7



H (F)	FC	DIA (F)
3	393	2
6	98	4
8	55	5.3
10	35	6.7
12	25	8
14	18	9.3
16	14	10.7



H (F)	FC	DIA (F)
3	178	3.2
6	45	6.4
8	25	8.5
10	16	10.6
12	11	12.7
14	8	14.8
16	6	17

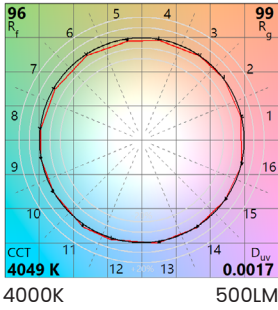
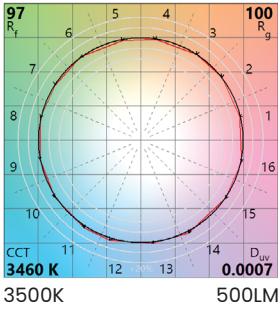
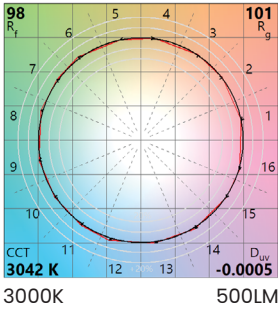
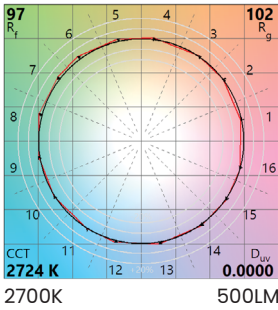
H (F) — height of luminaire above surface in feet
FC — footcandles
DIA (F) — diameter of lit area

TYPICAL LIGHT LEVELS

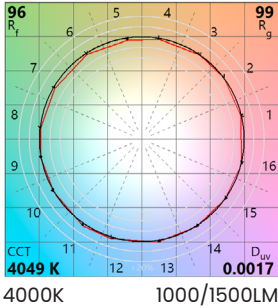
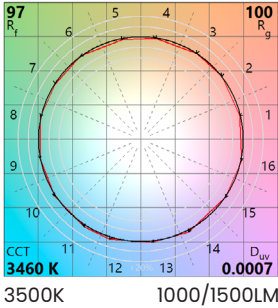
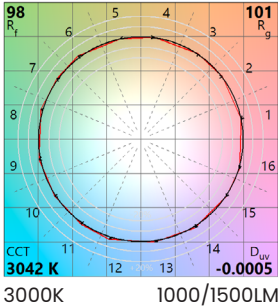
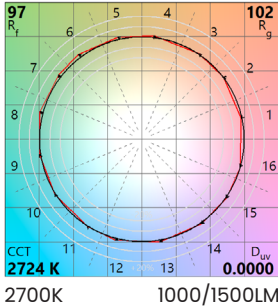
- OFFICE DESK | 30FC
- DINING | 7-15FC
- KITCHEN COUNTER | 30FC

SYSTEM SPECIFICATIONS
PHOTOMETRICS DATA
TM-30 REPORTS | COLOR QUALITY

SPOT 500LM

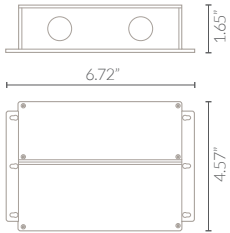
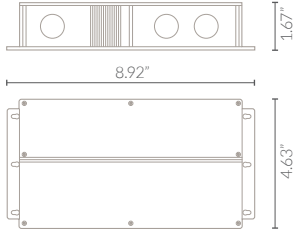


SPOT 1000LM / 1500LM



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				
24VDC, Triac/ELV/0–10V 1% Dimming, Remote, UL Listed 	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	120–277V AC	Forward-phase, Reverse-phase, 0–10V	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.



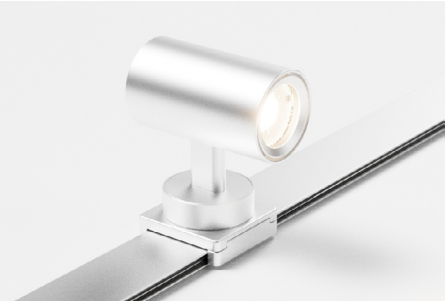
Matte Black **32**



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



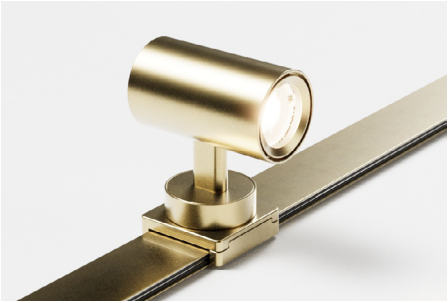
Primer **31** — Ribbon and Connectors only



Satin Aluminum **33**



Polished Aluminum **37**



Satin Brass **36**

Custom **CU**



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.

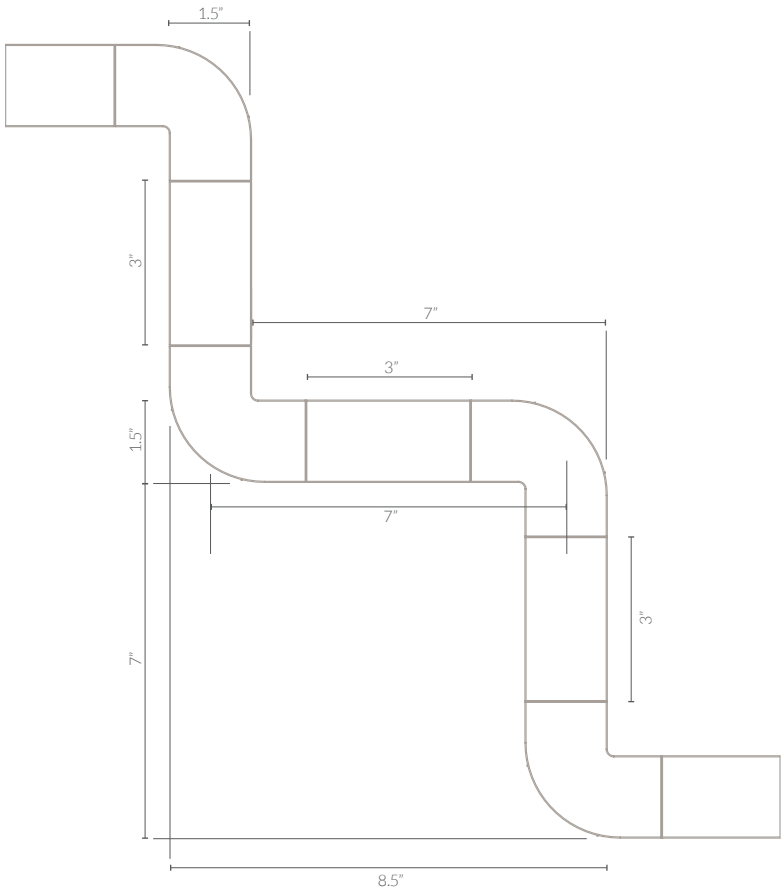
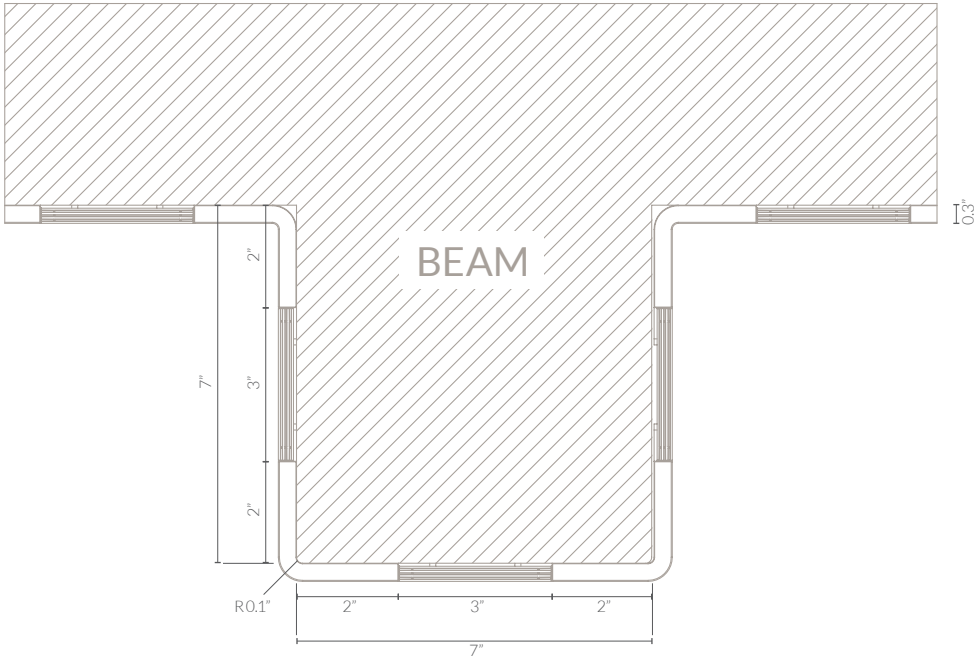
HOW TO LAY OUT
THE MULTIVERSE® SYSTEM

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 | | |

LAYOUT GUIDE
MINIMUM DIMENSIONS



Updated 11/01/2023



Updated 11/01/2023