



# FLEX 12

Flexible Low Voltage Trac System

**TRAPEZIA™ & GYRUS™**

**TF130-9 and TF140**

Project: \_\_\_\_\_

Fixture Type: \_\_\_\_\_

Location: \_\_\_\_\_

Contact/Phone: \_\_\_\_\_

## PRODUCT DESCRIPTION

**Trapezia** suspends the MR16 lamp down from the trac with the grace of a trapeze artist. Slender 9-inch or 16-inch long tubes conceal lamp lead wires feeding into an elegantly sculpted die-cast lamp housing. The light airy appearance is great for display, exhibition and gallery lighting and the downward reach can make pendant mounting of trac unnecessary.

**Gyrus** combines dramatic aerodynamic styling with an integrated accessory holder that accepts industry-standard 2" diameter lenses and louvers. The snap-on design makes this an easy to accessorize fixture for more demanding display lighting applications.

**Socket** Ceramic bi-pin.

**Aiming** 90° vertical aiming capability and 358° rotation.

**Labels** UL listed, CSA certified.

Product specifications subject to change without notice.



### Low Voltage MR16 - Trapezia™

**Lamp** 20-50W MR16 lamps • Must be used with MR16 lamps with integral lens (cover glass) except when combined with 2" accessories.

**Construction** Die-cast aluminum lamp housing with integral aiming handle  
• Steel tubes conceal lamp lead wires.

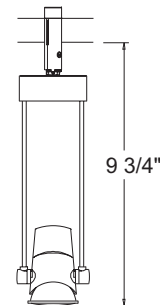
**Accessories** May be used with up to two 2" accessories and/or Barn Doors simultaneously with Accessory Holder.

Catalog Number	Description	Finish	Lamp
TF130-9-SL	9" Rods	Silver	20-50W MR16CG with integral lens (cover glass), 12V or 24V

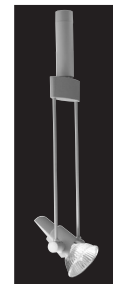
#### ACCESSORIES

Cat. No.	Description	Cat. No.	Description	Cat. No.	Description
T7400SA, BL	Accessory Holder	T7470BL	Barn Doors	T7478	Linear Spread Lens
T741-6	Color Filters/Lenses	T7477	Prismatic Spread Lens	T7421	Uniformity Lens
T7401-18	Dichroic Lenses	T7420	Diffuse Spread Lens		
T7422	UV Filter Lens	T7459BL	Hexcell Louver		

See specification sheet [D1.2.2](#) for details.



TF130-9



### Low Voltage MR16 - Gyrus™

**Lamp** 20-50W MR16 lamps.

**Lens** Glass lens included with lampholder • May be used with up to two 2" accessories simultaneously.

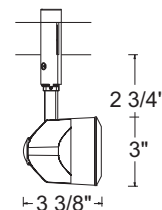
**Construction** Die-cast aluminum lamp housing • Extruded aluminum support stem conceals lamp lead wires.

Catalog Number	Description	Finish	Lamp
TF140SL	Gyrus	Silver	20-50W MR16, 12V or 24V

#### ACCESSORIES

Cat. No.	Description	Cat. No.	Description	Cat. No.	Description
T741-6	Color Filters/Lenses	T7477	Prismatic Spread Lens	T7478	Linear Spread Lens
T7401-18	Dichroic Lenses	T7420	Diffuse Spread Lens	T7421	Uniformity Lens
T7422	UV Filter Lens	T7459BL	Hexcell Louver		

See specification sheet [D1.2.2](#) for details.



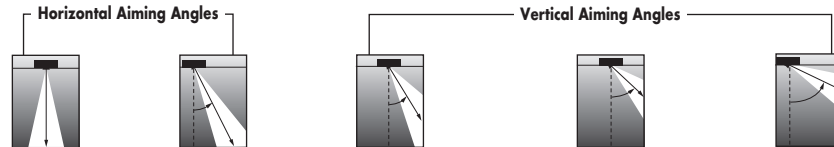
# FLEX 12

Flexible Low Voltage Trac System

## TRAPEZIA™ & GYRUS™

### TF130-9 and TF140

**CBCP** • Centerbeam candlepower  
**FC** • Footcandles at beam center (aim point)



Lamp	Beam Type	Beam Spread°	Rated Life	CBCP	0°		30°			30°			45°				60°														
					MH	FC	L	W	FC	L	W	D	FC	X	L	W	FC	X	L	W	D	FC	X	L	W						
Q35W MR16	SP	20°	5000	3900	4	244	1.4	1.4	158	1.9	1.6	2	122	3.5	3.1	1.4	345	2.0	1.5	1.0	4	158	2.3	1.9	1.6						
					6	108	2.1	2.1	70	2.8	2.4	3	54	5.2	4.7	2.1	153	3.0	2.2	1.5	6	70	3.5	2.8	2.4						
					8	61	2.8	2.8	40	3.8	3.3	4	31	6.9	6.2	2.8	86	4.0	2.9	2.0	8	40	4.6	3.8	3.3						
					10	39	3.5	3.5	25	4.7	4.1	5	20	8.7	7.8	3.5	55	5.0	3.6	2.5	10	25	5.8	4.7	4.1						
	FL	40°	5000	1000	4	63	2.9	2.9	41	4.1	3.4	2	31	3.5	9.6	2.9	88	2.0	3.4	2.1	4	41	2.3	4.1	3.4						
					6	28	4.4	4.4	18	6.1	5.0	3	14	5.2	14.5	4.4	39	3.0	5.0	3.1	6	18	3.5	6.1	5.0						
					8	16	5.8	5.8	10	8.1	6.7	4	8	6.9	19.3	5.8	22	4.0	6.7	4.1	8	10	4.6	8.1	6.7						
					10	10	7.3	7.3	6	10.2	8.4	5	5	8.7	24.1	7.3	14	5.0	8.4	5.1	10	6	5.8	10.2	8.4						
						12	7	8.7	8.7	5	12.2	10.1	6	3	10.4	**	8.7	10	6.0	10.1	6.2	12	5	6.9	12.2	10.1					
						Q50W MR16	NSP	15°	6000	9100	4	638	1.0	1.0	414	1.3	1.1	2	319	3.5	2.1	1.0	902	2.0	1.0	0.7	8	104	4.6	2.6	2.3
											6	283	1.5	1.5	184	2.0	1.7	3	142	5.2	3.1	1.5	401	3.0	1.5	1.0	10	66	5.8	3.3	2.8
											8	159	2.0	2.0	104	2.6	2.3	4	80	6.9	4.1	2.0	225	4.0	2.0	1.4	12	46	6.9	3.9	3.4
10	102	2.5	2.5	66	3.3						2.8	5	51	8.7	5.1	2.5	144	5.0	2.5	1.7	14	34	8.1	4.6	4.0						
						12	71	2.9	2.9	46	3.9	3.4	6	35	10.4	6.2	2.9	100	6.0	3.0	2.1	16	26	9.2	5.3	4.5					
						NFL	25°	6000	3200	4	213	1.9	1.9	138	2.6	2.2	2	106	3.5	4.6	1.9	301	2.0	2.0	1.4	4	138	2.3	2.6	2.2	
										6	94	2.9	2.9	61	3.9	3.3	3	47	5.2	7.0	2.9	134	3.0	3.1	2.0	6	61	3.5	3.9	3.3	
										8	53	3.8	3.8	35	5.2	4.4	4	27	6.9	9.3	3.8	75	4.0	4.1	2.7	8	35	4.6	5.2	4.4	
10	34	4.8	4.8	22	6.5					5.5	5	17	8.7	11.6	4.8	48	5.0	5.1	3.4	10	22	5.8	6.5	5.5							
						12	24	5.8	5.8	15	7.8	6.7	6	12	10.4	13.9	5.8	33	6.0	6.1	4.1	12	15	6.9	7.8	6.7					
						FL	40°	6000	1700	4	116	2.9	2.9	75	4.1	3.4	2	58	3.5	9.6	2.9	164	2.0	3.4	2.1	4	75	2.3	4.1	3.4	
										6	51	4.4	4.4	33	6.1	5.0	3	26	5.2	14.5	4.4	73	3.0	5.0	3.1	6	33	3.5	6.1	5.0	
										8	29	5.8	5.8	19	8.1	6.7	4	14	6.9	19.3	5.8	41	4.0	6.7	4.1	8	19	4.6	8.1	6.7	
10	19	7.3	7.3	12	10.2					8.4	5	9	8.7	24.1	7.3	26	5.0	8.4	5.1	10	12	5.8	10.2	8.4							
						12	13	8.7	8.7	8	12.2	10.1	6	6	10.4	**	8.7	18	6.0	10.1	6.2	12	8	6.9	12.2	10.1					

The beam spread in degrees and the beam "L" and "W" in the following tables are computed at 50% of centerbeam candlepower and represent areas of "effective illumination."

For additional Lamp Data, reference Juno Lighting Product Guide.

\*\*Due to steep aiming angle, length of beam extends beyond 25'.

### 24V MR16 HALOGEN LAMPS WITH COVER GLASS

ANSI				
Cat. No.	Code	Watts	Description	Avg. Life (Hrs.)*
TL940-24V	-	35	Q35MR16/CG/NSP/24	1500
TL942-24V	-	35	Q35MR16/CG/NFL/24	1500
TL945-24V	-	50	Q50MR16/CG/NSP/24	1500
TL947-24V	-	50	Q50MR16/CG/FL/24	1500

\*At rated voltage.

