



FLEX 12

Project: _____

Fixture Type: _____

Location: _____

Contact/Phone: _____

Flexible Low Voltage Trac System OPEN BACK LAMPHOLDERS

TF196, TFP116 and TFG116

PRODUCT DESCRIPTION

The open back series features a technical aesthetic perfectly matched to Flex 12. The popular Delta 200 Series is available in pendant stem and outrigger mounting styles for maximum flexibility. Available in MR16 versions that provide high intensity display and accent lighting. A wide variety of light control accessories complete the offering. May be mounted on Flex 12 Trac or Monopoints.

Socket Ceramic bi-pin.

Lens Glass lens included with each lampholder.

Aiming 90° vertical aiming capability and 358° rotation.

Labels UL listed, CSA certified • New York City Approved.

Specifications subject to change without notice.



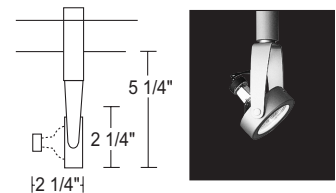
Low Voltage MR16 – Gimbal

Catalog Number	Description	Finish	Lamp
TF196 SL	Gimbal	Silver	50W MR16, 12V or 24V

ACCESSORIES

Cat. No.	Description	Cat. No.	Description	Cat. No.	Description
CGF 175	Color Glass Filter	HCLBL 175	Hexagonal Cell Louver - Black	LSPREAD 175	Linear Spread Glass Lens
DCCF 175	Dichroic Color Correction Filter	DIFF 175	Diffusion Glass Lens	SOLITE 175	Uniformity Lens (Solite)
DGF 175	Dichroic Glass Filter	UVF 175	UV Filter	PRISM 175	Prismatic Spread Glass Lens

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



Low Voltage MR16 – Delta 200

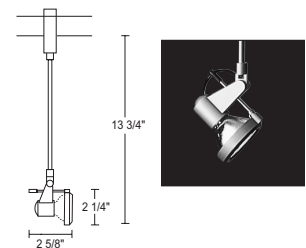
Catalog Number	Description	Finish	Lamp
TFP116 SL	Delta 200 Pendant	Silver	50W MR16, 12V or 24V
TFG116 SL	Delta 200 Pendant	Silver	50W MR16, 12V or 24V

ACCESSORIES

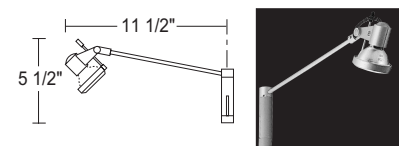
Cat. No.	Description	Cat. No.	Description	Cat. No.	Description
CGF 175	Color Glass Filter	HCLBL 175	Hexagonal Cell Louver - Black	LSPREAD 175	Linear Spread Glass Lens
DCCF 175	Dichroic Color Correction Filter	DIFF 175	Diffusion Glass Lens	SOLITE 175	Uniformity Lens (Solite)
DGF 175	Dichroic Glass Filter	UVF 175	UV Filter	PRISM 175	Prismatic Spread Glass Lens
T74BL	Barn Doors - Black	SNOOTBL	Snoot Accessory - Black		

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

Delta 200 Pendant



Delta 200 Gallery

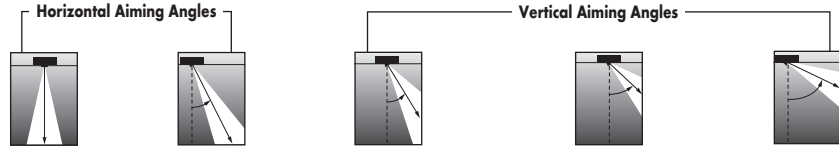


FLEX 12

Flexible Low Voltage Trac System OPEN BACK LAMPHOLDERS

TF196, TFP116 and TFG116

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		
					12	27	4.2	4.2	18	5.7	4.9	6	14	10.4	9.3	4.2	38	6.0	4.4	3.0	12	18	6.9	5.7	4.9		
					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		
	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	4	8	6.9	19.3	5.8	22	4.0	6.7	4.1	8	10	4.6	8.1	6.7		
					8	16	5.8	5.8	10	8.1	6.7	5	5	8.7	24.1	7.3	14	5.0	8.4	5.1	10	6	5.8	10.2	8.4		
					10	10	7.3	7.3	6	10.2	8.4	6	3	10.4	**	8.7	10	6.0	10.1	6.2	12	5	6.9	12.2	10.1		
					12	7	8.7	8.7	5	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		
					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		
	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		
					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		
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."

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

For additional Lamp Data, reference Juno Lighting Product Guide.