

Ordering Information

Catalog No.	Finish	Track Mountings	Lamps
FX16C	Silver	For use on all Tangent Track systems. May be horizontal or vertical wall mounted.	12V MR16 Halogen 50W Max or 37W Max IR

Features

- Transformer:** Class two electronic transformer for 12V halogen lamps.
- Track Attachment fitting:** Molded thermoplastic clamping adapter with captive, nickel-plated steel pin. Clockwise rotation of pin secures fixture adapter to track.
- Horizontal Pivot:** Wireless stem profile with infinite horizontal rotation.
- Vertical Pivot:** 0° to 90° vertical adjustment.
- Socket:** Bi-pin ceramic low voltage halogen socket with multipoint contact.
- Housing:** Die cast aluminum.
- Accessory Cartridge:** Hinged and captive; Retaining ring included to secure accessories.
- Glass Shield:** Included for use with unshielded lamps.

Dimming

Use only dimmers specifically designed for use with electronic transformers. Low Voltage fixtures may produce audible sound when dimmed.

Finish

All Painted finishes are baked enamel.

Accessories

- Accessory Holder:** Integral
- Accessories:** Accepts two total (1 lens plus either 1 louver or 1 snoot)
- Lens:** AF2 or ADF2 Series
- Louwer:** AL2HC
- Snoot:** 22SR6AL

Labels

cULus Listed

Job Information	Type:
Job Name:	
Cat. No.:	
Lamp(s):	
Notes:	

Lightolier a Genlyte company www.lightolier.com
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Tangent™ Track Lighting System **FX16C**

MR16 Mini Cylinder

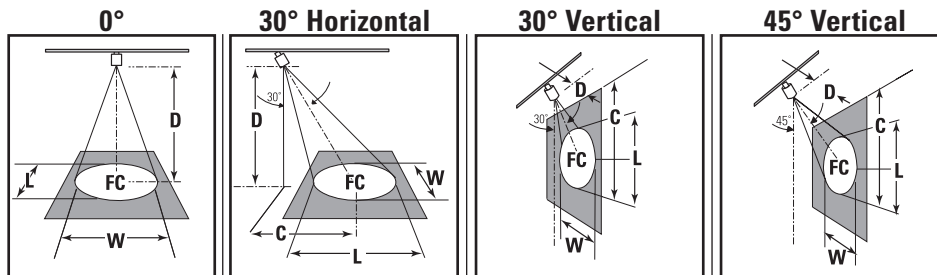
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AIMING ANGLE:

- L** Beam length
- W** Beam Width
- C** Distance to center beam
- D** Distance
- A** Aiming Angle
- FC** Footcandles

L and **W** are the outer points where the candle power drops to 50% of the maximum. **FC** are the initial footcandles at the center of the beam.

Lamp data shown is typical. Consult lamp manufacturers for availability and performance. CBCP= Center Beam Candle Power.



LAMP

	Beam Spread (To 50% CBCP)	CBCP	Rated Life (Hrs.)	D	FC	L	W	D	C	FC	L	W	D	C	FC	L	W	D	C	FC	L	W
20W MR16 VNSP (EXZ)	7°	7400	3000	6' 8' 10' 12'	206 116 74 51	0.7' 1.0' 1.2' 1.5'	0.7' 1.0' 1.2' 1.5'	8' 12' 14' 16'	4.6' 6.9' 8.1' 9.2'	75 33 25 19	1.3' 2.0' 2.3' 2.6'	1.1' 1.7' 2.0' 2.3'	2' 3' 4' 5'	3.5' 5.2' 6.9' 8.7'	231 103 58 37	1.0' 3.3' 2.0' 2.5'	0.5' 0.7' 1.0' 1.2'	4' 5' 6' 7'	4.0' 4.0' 6.0' 7.0'	164 105 73 53	1.0' 2.7' 1.5' 1.7'	0.7' 0.9' 1.0' 1.2'
20W MR16 NSP (ESX)	15°	3750	5000	6' 8' 10' 12'	104 59 38 26	1.6' 2.1' 2.6' 3.2'	1.6' 2.1' 2.6' 3.2'	6' 8' 10' 12'	3.5' 4.6' 5.8' 6.9'	68 38 24 17	2.1' 2.8' 3.5' 4.2'	1.8' 2.4' 3.0' 3.6'	2' 3' 4' 5'	3.5' 5.2' 6.9' 8.7'	117 52 29 19	2.2' 3.3' 4.4' 5.6'	1.1' 1.6' 2.1' 2.6'	4' 5' 6' 7'	4.0' 4.0' 6.0' 7.0'	83 53 37 27	2.1' 2.7' 3.2' 3.8'	1.5' 1.9' 2.2' 2.6'
20W MR16 FL (BAB)	40°	525	5000	2' 3' 4' 5'	131 58 33 21	1.5' 2.2' 2.9' 3.6'	1.5' 2.2' 2.9' 3.6'	2' 3' 4' 5'	1.2' 1.7' 2.3' 2.9'	85 38 24 14	2.0' 3.0' 4.1' 5.1'	1.7' 2.5' 3.4' 4.2'	2' 2' 3' 4'	1.7' 3.5' 5.2' 6.9'	66 16 7 4	4.8' 9.7' 14.5' 19.3'	1.5' 2.9' 4.4' 5.8'	2' 3' 4' 5'	2.0' 3.0' 4.0' 5.0'	46 21 12 8	3.4' 5.0' 6.7' 8.4'	2.1' 3.1' 4.1' 5.1'
35W MR16 SP (FRA)	20°	3900	4000	6' 8' 10' 12'	108 61 39 27	2.1' 2.8' 3.5' 4.2'	2.1' 2.8' 3.5' 4.2'	6' 7' 8' 11'	2.9 4.0 5.2 6.4	101 52 31 21	2.4' 3.3' 4.3' 5.2'	2.0' 2.9' 3.7' 4.5'	5' 6' 7' 8'	3.5' 5.2' 6.9' 8.7'	122 54 30 20	3.1' 4.7' 6.2' 7.8'	1.4' 2.1' 2.8' 3.5'	3' 4' 5' 6'	3.0' 5.0' 7.0' 9.0'	153 55 28 17	2.2' 3.6' 5.1' 6.6'	1.5' 2.5' 3.5' 4.5'
35W MR16 FL (FMW)	40°	1000	5000	5' 6' 7' 8'	40 28 20 16	3.6' 4.4' 5.1' 5.8'	3.6' 4.4' 5.1' 5.8'	5' 6' 7' 8'	2.9 3.5 4.0 4.6	26 18 13 10	5.1' 6.1' 7.1' 8.1'	4.2' 5.0' 5.9' 6.7'	2' 3' 4' 5'	3.5' 5.2' 6.9' 8.7'	31 14 8 5	9.7' 14.5' 19.3' 24.2'	2.9' 4.4' 5.8' 7.3'	4' 5' 6' 7'	4.0' 5.0' 6.0' 7.0'	22 10 7 7	6.7' 10.1' 11.7' 14.2'	4.1' 5.1' 6.2' 7.2'
37W MR16 (IR) NFL	25°	4400	4000	6' 8' 10' 12'	122 69 44 31	2.7' 3.5' 4.4' 5.3'	2.7' 3.5' 4.4' 5.3'	6' 7' 8' 12'	3.5' 4.6' 5.8' 6.9'	79 45 29 20	3.6' 4.8' 6.0' 7.2'	3.1' 4.1' 5.1' 6.1'	2' 3' 4' 5'	3.5' 5.2' 6.9' 8.7'	138 61 34 22	4.2' 6.2' 8.3' 10.4'	1.8' 2.7' 3.5' 4.4'	4' 5' 6' 7'	4.0' 5.0' 6.0' 7.0'	97 62 43 32	3.7' 5.1' 5.6' 6.5'	2.5' 3.1' 3.8' 4.4'
37W MR16 (IR) FL	40°	2200	4000	5' 6' 8' 10'	88 61 34 22	3.6' 4.4' 5.8' 7.3'	3.6' 4.4' 5.8' 7.3'	5' 6' 8' 10'	2.9 3.5 4.6 5.8	57 40 24 12	5.1' 6.1' 8.1' 10.2'	4.2' 5.0' 6.7' 8.4'	2' 3' 4' 5'	3.5' 5.2' 6.9' 8.7'	69 31 17 11	9.7' 14.5' 19.3' 24.2'	2.9' 4.4' 5.8' 7.3'	4' 5' 6' 7'	4.0' 5.0' 6.0' 7.0'	49 22 16 11	6.7' 10.1' 11.7' 14.2'	4.1' 5.1' 6.2' 7.2'
42W MR16 VNSP (EZY)	9°	12300	3500	10' 12' 14' 16'	123 85 63 48	1.6' 1.9' 2.2' 2.5'	1.6' 1.9' 2.2' 2.5'	10' 12' 14' 16'	5.8 6.9 8.1 9.2	80 55 41 31	2.1' 2.5' 2.9' 3.4'	1.8' 2.2' 2.5' 2.9'	2' 3' 4' 5'	3.5' 5.2' 6.9' 8.7'	384 171 96 62	3.1' 1.9' 2.6' 3.2'	0.6' 0.9' 1.3' 1.6'	4' 5' 6' 7'	4.0' 5.0' 6.0' 7.0'	272 174 121 89	1.3' 1.6' 1.9' 2.2'	0.9' 1.1' 1.3' 1.6'
50W MR16 NSP (EXT)	10°	8800	3000	8' 10' 12' 14'	138 88 61 45	1.4' 1.7' 2.1' 2.4'	1.4' 1.7' 2.1' 2.4'	8' 10' 12' 14'	4.6 5.8 6.9 8.1	89 57 40 29	1.9' 2.3' 2.8' 3.3'	1.6' 2.0' 2.4' 2.8'	2' 3' 4' 5'	3.5' 5.2' 6.9' 8.7'	275 122 69 44	1.4' 2.1' 2.9' 3.6'	0.7' 1.0' 1.4' 1.7'	4' 5' 6' 7'	4.0' 5.0' 6.0' 7.0'	194 124 86 63	1.4' 1.8' 2.1' 2.5'	1.0' 1.2' 1.5' 1.7'
50W MR16 NFL (EXZ)	24°	2500	3000	6' 8' 10' 12'	69 39 25 17	2.6' 3.4' 4.3' 5.1'	2.6' 3.4' 4.3' 5.1'	6' 8' 10' 12'	3.5 4.6 5.8 6.9	45 25 16 12	3.5' 4.6' 5.8' 6.9'	2.9' 3.9' 4.9' 5.9'	2' 3' 4' 5'	3.5' 5.2' 6.9' 8.7'	78 35 20 13	3.9' 5.5' 7.9' 9.8'	1.7' 2.6' 3.4' 4.3'	4' 5' 6' 7'	4.0' 5.0' 6.0' 7.0'	55 35 25 18	3.6' 4.5' 5.3' 6.2'	2.4' 3.0' 3.6' 4.2'
50W MR16 FL (EXN)	36°	1600	3000	6' 8' 10' 12'	44 25 16 11	3.9' 5.2' 6.5' 7.8'	3.9' 5.2' 6.5' 7.8'	6' 8' 10' 12'	3.5 4.6 5.8 6.9	29 16 10 7	5.4' 7.2' 9.0' 10.8'	4.5' 6.0' 7.5' 9.0'	2' 3' 4' 5'	3.5' 5.2' 6.9' 8.7'	50 22 13 8	7.6' 11.4' 15.2' 19.0'	2.6' 3.9' 5.2' 6.5'	4' 5' 6' 7'	4.0' 5.0' 6.0' 7.0'	35 23 16 12	5.8' 7.3' 8.7' 10.2'	3.7' 4.6' 5.5' 6.4'
50W MR16 WFL (FNV)	60°	1200	4000	3' 5' 7' 9'	128 46 23 14	3.1' 5.2' 7.3' 9.4'	3.1' 5.2' 7.3' 9.4'	3' 5' 7' 9'	1.7 2.9 4.0 5.2	83 30 15 9	4.6' 7.6' 10.7' 13.7'	3.6' 6.0' 8.4' 10.8'	1' 2' 3' 4'	1.7 3.5 5.2 6.9	144 36 16 9	22.3' 44.5' 66.8' 89.1'	2.1' 4.2' 6.2' 8.3'	2' 3' 4' 5'	2.0' 3.0' 4.0' 5.0'	102 45 25 16	5.7' 8.6' 11.4' 14.3'	2.9' 4.4' 5.9' 7.4'

MR16 LOW VOLTAGE HALOGEN BI-PIN LAMPS WITH ALUMINIZED (NON-DICHROIC) REFLECTORS

50W MR16 NSP	10°	10500	4000	8' 12' 16' 20'	164 73 41 26	1.5' 2.3' 3.1' 3.9'	1.5' 2.3' 3.1' 3.9'	7' 10' 13' 16'	4.0 5.8 7.5 9.2	139 68 27	1.8' 2.6' 3.3' 4.1'	1.6' 2.2' 2.9' 3.6'	3' 4' 5' 6'	5.2 6.9 8.7 10.4	146 82 36	2.4' 3.2' 4.0' 4.8'	1.2' 1.5' 1.9' 2.3'	5' 7' 9' 11'	5.0' 7.0' 9.0' 11.0'	148 76 46 31	1.9' 2.7' 3.5' 4.3'	1.4' 1.9' 2.5' 3.0'
50W MR16 NFL	25°	3000	4000	6' 8' 10' 12'	83 47 30 21	2.7' 3.5' 4.4' 5.3'	2.7' 3.5' 4.4' 5.3'	5' 6' 8' 11'	2.9 4.0 5.2 6.4	78 37 24 16	3.0' 4.2' 5.4' 6.6'	2.6' 3.6' 4.6' 5.6'	2' 3' 4' 5'	3.5 5.2 6.9 8.7	94 42 23 15	4.2' 6.2' 8.3' 10.4'	1.8' 2.7' 3.5' 4.4'	3' 4' 5' 6'	3.0' 4.0' 5.0' 6.0'	118 42 22 13	2.8' 4.7' 6.5' 8.4'	1.9' 3.1' 4.4' 5.6'
50W MR16 FL	35°	1900	4000	4' 6' 8' 10'	119 53 30 19	2.9' 4.4' 5.8' 7.3'	2.9' 4.4' 5.8' 7.3'	3' 5' 7' 9'	1.7 2.9 4.0 5.2	137 49 25 15	3.0' 5.1' 7.1' 9.1'	2.5' 4.2' 5.9' 7.6'	1' 2' 3' 4'	1.7 3.5 5.2 6.9	238 59 26 15	4.8' 9.7' 14.5' 19.3'	1.5' 2.9' 4.4' 5.8'	2' 3' 4' 5'	3.0' 4.0' 5.0' 6.0'	75 42 27 19	5.0' 6.7' 8.4' 10.1'	3.1' 4.1' 5.1' 6.2'

Job Information Type:

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