

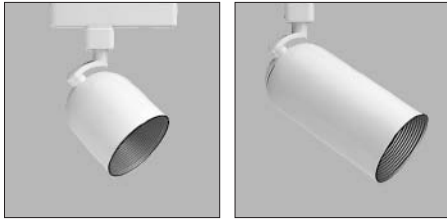
CR2117, CV2416

Low Voltage (12V)
Mini Roundback

Catalog Number: _____

Type _____

Project: _____



CR2117

CV2416

Description

Contemporary cylinder with softly rounded back. Compact diecast aluminum curved swivel arm rotates to position lamp in any direction. Concealed wireway inside swivel. Designed for use on either circuit of Capri combination one or two circuit track.

Features

- Cylinders accommodate energy efficient low voltage MR16 lamps.
- Deep drawn steel, one piece housing, provides strength and durability.
- Gently curved diecast arm, conceals wireway, permits rotation in any direction.
- Black grooved baffle reduces glare at aperture.
- Diecast cams provide strong mechanical connection, preventing fixture from sagging, even when track is used on vertical surfaces.
- Nylon scratch guard.
- c/UL listed.
- Integral switch on track plug housing permits interruption of power for routine lamp maintenance. (CV Series only)

CATALOG SYSTEM AND OPTIONS

SAMPLE CATALOG NUMBER: CR2117-CP12W

Track Head	Power Supply ² (required)	Finishes
CR2117 MR16 75W CV2416 ¹ MR16 50W	CP12	W White BK Black
Accessories (order separately)		
Louvers	Louver /Filter Holder	Filters ³ Barndoors Snoot
CLI	CH1	CF13-CF17 CB1 CB10

Footnotes:

1. Integral transformer
2. Order separately, add 1-1/4" to "C" dimension.
For use with CR2117.
3. See back for details.

General Notes:

Lamp availability noted under track heads.

SPECIFICATIONS

1. **Housing** - Deep drawn steel for maximum rigidity and strength.
2. **Swivel Arm** - Diecast aluminum with concealed internal wireway. Rotates 358° horizontally and swivels 90° vertically, permitting aiming in any direction, from horizontal to vertical.
3. **Baffle** - Precision spun aluminum with grooves to reduce aperture glare. Black finish.
4. **Transformer** - Reduces track line voltage (120V) to 12 volts. CV2416 provided with a totally enclosed integral magnetic Class H transformer with a 50VA rating. CR2117 to be used with electronic power supply CP12.
5. **Power Supply** - Electronic power supply (CP12) reduces track line voltage (120V) to 12 volts. Ordered separately.

6. **Socket** - Bi-pin silver plated double contact porcelain on MR16.

7. **Finishes** - Choice of painted W (white) or BK (black) and WB (white w/white baffle).

Accessories (Order separately)

See above for ordering.

Color Filters - Choice of blue, red, green, amber or clear. See back for details.

Spread Lens - Specify CF2. See back for details.

Linear Spread Lens - Specify CF9. See back for details.

UV Filter - Specify CF17. See back for details.

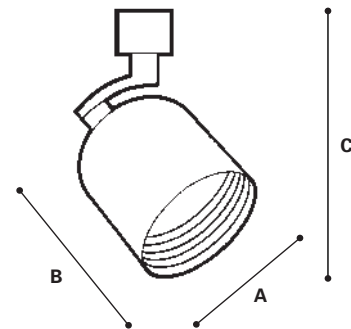
Snoot - Tubular shields used with narrow and medium beam MR16 lamps to reduce glare and improve visual cut-off. Available in black only.

Louvers - Matte black, deep cell construction. Provide shielding and cutoff.

This product may be covered by one or more of the following U.S. Patents: #4,822,292, #4,931,917, #5,325,281. Other U.S. or Foreign Patents may apply.

DIMENSIONS

Catalog #	Dimensions		
	A	B	C
CR2117	3 5/8" (92 mm)	4 1/4" (108 mm)	6 3/4" (171 mm)
CV2416	3 5/8" (92 mm)	8 1/4" (210 mm)	10 3/4" (273 mm)



REV. 09/05

LAMP DATA

LEGEND

- D** Distance from wall to track in feet.
- H** Distance from ceiling to center of object in feet.
- S** Spacing between fixtures for uniform (2:1) illumination.
- FC** Footcandle level at center of beam. Footcandle values have been cosine corrected.
- L** Effective visual beam length in feet.
- W** Effective visual beam width in feet.

Note: Beamspreads are measured to 50% MCP.

MR16 (EXZ)

50W, 12V/NARROW FLOOD

RATED LIFE: 4000 hours BEAM SPREAD: 27°

NARROW FLOOD



		D = DISTANCE FROM WALL (FEET)														
		VERTICAL														
		0'			2'			3'			4'			5'		
H	S	FC	L	W	FC	L	W	FC	L	W	FC	L	W	FC	L	W
3	1.8	350	1.4	1.4	135	3.5	1.7	124	3.1	2.0	101	3.1	2.4	79	3.4	2.8
4	2.4	197	1.9	1.9	71	6.0	2.1	76	4.4	2.4	70	4.1	2.7	60	4.1	3.1
5	2.3	126	2.4	2.4	41	7.2	2.6	48	6.5	2.8	48	5.3	3.1	44	5.1	3.4
6	3.6	87	2.9	2.9	24	11.6	3.1	32	9.0	3.2	34	7.0	3.4	33	6.3	3.7

MR16 (EXN)

50W, 12V/FLOOD

RATED LIFE: 4000 hours BEAM SPREAD: 40°

FLOOD



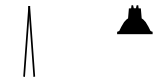
		D = DISTANCE FROM WALL (FEET)														
		VERTICAL														
		0'			2'			3'			4'			5'		
H	S	FC	L	W	FC	L	W	FC	L	W	FC	L	W	FC	L	W
2	1.6	477	1.5	1.5	168	3.4	2.1	122	3.4	3.1	85	3.8	3.3	61	4.3	3.9
3	2.4	212	2.2	2.2	82	6.6	2.6	75	5.0	3.1	61	4.9	3.6	48	5.6	4.2
4	3.3	119	2.9	2.9	43	10.0	3.2	46	7.9	3.6	42	6.7	4.1	36	6.6	4.7
5	4.0	76	3.6	3.6	25	14.0	3.9	29	13.0	4.2	29	9.2	4.6	27	8.4	5.1

MR16 (EYF)

75W, 120V/NARROW SPOT

RATED LIFE: 4000 hours BEAM SPREAD: 14°

NARROW SPOT



		D = DISTANCE FROM WALL (FEET)														
		VERTICAL														
		0'			3'			4'			5'			6'		
H	S	FC	L	W	FC	L	W	FC	L	W	FC	L	W	FC	L	W
4	1.3	797	1.0	1.0	307	2.1	1.2	282	2.0	1.4	242	2.1	1.6	203	2.2	1.8
6	1.9	354	1.5	1.5	129	3.8	1.6	137	3.2	1.8	134	3.0	1.9	125	3.0	2.1
8	2.3	199	2.0	2.0	63	6.4	2.1	72	5.1	2.2	76	4.5	2.3	77	4.2	2.4
10	3.2	127	2.5	2.5	32	11.9	2.7	364	7.7	2.6	46	6.3	2.7	48	5.8	2.9

MR16 (EYC)

75W, 12V/FLOOD

RATED LIFE: 4000 hours BEAM SPREAD: 42°

FLOOD



		D = DISTANCE FROM WALL (FEET)														
		VERTICAL														
		0'			2'			3'			4'			5'		
H	S	FC	L	W	FC	L	W	FC	L	W	FC	L	W	FC	L	W
2	1.7	601	1.5	1.5	212	3.6	2.2	153	2.4	3.3	107	4.0	3.4	77	4.6	4.1
3	2.5	267	2.3	2.3	103	7.4	2.7	94	5.4	3.3	77	5.3	3.8	61	5.6	4.5
4	3.4	150	3.1	3.1	55	10.2	3.4	58	8.6	3.8	53	7.2	4.3	46	7.0	4.9
5	4.2	96	3.8	3.8	31	13.4	4.1	36	12.8	4.5	37	10.0	4.9	34	9.0	5.4

FILTER ORDERING CHART

Catalog #	Diameter	Description
CF1	2"	Clear Glass
CF2	2"	Spread Lens Filter
CF3	2"	Medium Blue Filter
CF4	2"	Medium Red Filter
CF5	2"	Medium Green Filter

Catalog #	Diameter	Description
CF7	2"	Yellow Filter
CF8	2"	Pink Filter
CF9	2"	Linear Spread Lens
CF10	2"	UV Filter
CF11	2"	Frosted Lens
CF12	2"	Medium Amber Filter

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