

# CR2516

## Low Voltage 12V Mini Tapered

Catalog Number: \_\_\_\_\_

Type \_\_\_\_\_

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



**CR2516**

### Description

Tapered profile aluminum lamp holder attached to cast stem adjustable up or down and aimed in any direction. Designed for use on either circuit of Capri combination one and two circuit track.

### Features

- Sturdy aluminum faceplate accepts MR16 lamps in a minimum size configuration, performing a broad range of lighting tasks.
- Nylon scratch guard.
- cUL listed.
- Integral switch on track plug housing permits interruption of power for routine lamp maintenance.
- Removable face secures lamp into the fixture.

\*shown with CP12 power supply.

## CATALOG SYSTEM AND OPTIONS

SAMPLE CATALOG NUMBER: CR2516-CP12W

Track Head	Power Supply <sup>1</sup>	Finishes
CR2516 MR16 50W	CP12	W White BK Black

Louvers	Filters
CLO	CF1-CF12

### Footnotes:

1. Order separately, add 1 1/4" to "C" dimension.

## SPECIFICATIONS

1. **Faceplate** - Cast aluminum fore with locking mechanism to position lamp.
2. **Mounting Yoke** - Cast aluminum.
3. **Socket** - Bi-pin silver plated double contact porcelain on MR16.
4. **Power Supply** - Electronic power supply (CP12) reduces track line voltage (120V) to 12 volts. Ordered separately.
5. **Finishes** - Choice of painted finishes W (white) or BK (black).

**Accessories** (Order separately) See above for ordering.

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

**Spread Lens** - Specify **CF2**. See back for details.

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

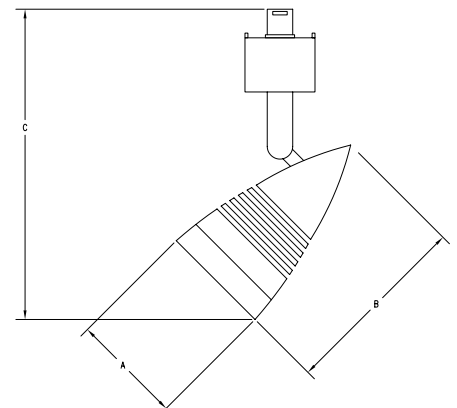
**UV Filter** - Specify **CF10**. See back for details.

**Louvers** - Matte black cell construction. Provide shielding and cutoff.

## DIMENSIONS

Catalog #	Dimensions		
	A	B	C
CR2516	2 3/16" (56 mm)	3 3/4" (95 mm)	6 1/8" (155 mm)

**Legend**  
 Diameter: **A**  
 Length: **B**  
 Max. Extension: **C**



REV. 02/07

## 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: Beam spreads are measured to 50% MCP.

### MR16 (EXT)

SPOT



50W, 12V/SPOT

RATED LIFE: 4000 hours BEAM SPREAD: 14°

VERTICAL		D = DISTANCE FROM WALL (FEET)														
		0'			2'			3'			4'			5'		
H	S	FC	L	W	FC	L	W	FC	L	W	FC	L	W	FC	L	W
4	1.0	645	1.0	1.0	234	2.5	1.1	248	2.1	1.2	228	2.0	1.4	195	2.1	1.6
5	1.3	413	1.2	1.2	133	3.9	1.3	156	2.9	1.4	158	2.5	1.6	146	2.5	1.7
6	1.6	286	1.5	1.5	80	6.0	1.6	104	3.8	1.6	111	3.2	1.8	109	3.0	1.9
7	2.0	210	1.7	1.7	54	7.9	1.8	72	4.8	1.8	79	4.1	2.0	82	3.7	2.1

### MR16 (EXN)

FLOOD



50W, 12V/FLOOD

RATED LIFE: 4000 hours BEAM SPREAD: 40°

VERTICAL		D = DISTANCE FROM WALL (FEET)														
		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)

NARROW SPOT



75W, 120V/NARROW SPOT

RATED LIFE: 4000 hours BEAM SPREAD: 14°

VERTICAL		D = DISTANCE FROM WALL (FEET)														
		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)

FLOOD



75W, 12V/FLOOD

RATED LIFE: 4000 hours BEAM SPREAD: 42°

VERTICAL		D = DISTANCE FROM WALL (FEET)														
		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 For use with CR2516 only.

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
CF7	2"	Yellow Filter

Catalog #	Diameter	Description
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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