

CT8635, CT8638, CR8616

Line Voltage 120V and Low Voltage 12V
Cones

Catalog Number: _____

Type _____

Project: _____



CT8635

CT8638

CR8616

Description

Softly sculpted cones with ergonomic styling. The die-cast aluminum body creates the forms for these contemporary fixtures. Designed for use on either circuit of Capri combination one and two circuit track.

Features

- Die-cast aluminum housing for excellent heat dissipation.
- Low voltage and line voltage fixture styles match for application flexibility.
- Line voltage fixtures designed for popular PAR lamps.
- Nylon scratch guard.
- c/UL Listed.
- Integral switch on track plug housing permits interruption of power for routine lamp maintenance.

Lamps Available:

- CT8635:** 50W - 75W **PAR30**
- CT8638:** 50W - 250W **PAR38**
- CR8616:** 50W **MR16**

CATALOG SYSTEM AND OPTIONS

SAMPLE CATALOG NUMBER: CT8635W

Track Head Power Supply 1,2 Finishes

CT8635	CP12	W White
CT8638		BK Black
CR86164		

Accessories (order separately)

Louvers ³	Filter ³	Snoot ³
CL0	CF1-CF12	CB10

General Notes:

1. Required for CR8616 only.
2. Order separately, add 1-1/4" to C dimension.
3. For use with CR8616 only. See back for details.
4. Not available in silver.

SPECIFICATIONS

1. **Housing** - Die-cast aluminum for maximum strength and rigidity.
2. **Swivel Arm** - Die-cast aluminum with internal wire-way. Rotates 358° horizontally and swivels 90° vertically, permitting aiming in any direction.
3. **Baffle** - Deep spun aluminum with grooves to shield PAR type lamps and provide a good visual cutoff. Black finish. (CT8635 only.)
4. **Socket** - Bi-pin silver plated double contact porcelain (low voltage). Porcelain, medium base with nickel plated copper screw shell (line voltage)
5. **Transformer** - Electronic power supply (CP12) reduces track line voltage (120V) to 12 volts. Ordered separately.

6. **Finishes** - Choice of painted finishes W (white), BK (black) or SL (silver).

Accessories (Order separately)

See above for ordering.

Louvers - Matte black cell construction provides additional shielding and cutoff. For use with CR8616 only.

Color Filters - Choice of blue, red, green, amber, clear, yellow, pink or spread. (MR16 only). See back for details. For use with CR8616 only.

UV Filters - See back for details. For use with CR8616 only.

Spread Lens - See back for details. For use with CR8616 only.

Linear Spread Lens - See back for details. For use with CR8616 only.

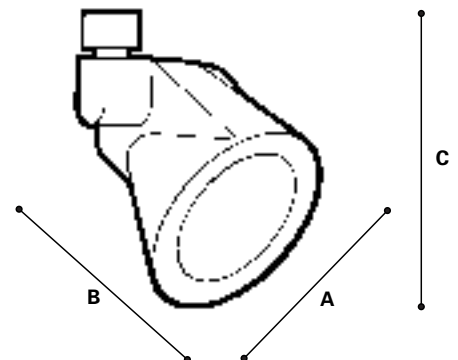
Snoot - Tubular shields used with narrow and medium beam lamps to reduce glare and improve visual cutoff. Available in black only. For use with CR8616 only.

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
CT8635	5 1/4" (133 mm)	5 1/8" (130 mm)	8" (203 mm)
CT8638	5 1/4" (133 mm)	6 3/8" (162 mm)	9 1/4" (238 mm)
CR8616	3 1/8" (79 mm)	2 3/4" (70 mm)	5 3/8" (137 mm)

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



REV. 05/09

TR1-24

lamp data incandescent

PAR38 halogen lamps

	BEAM SPREAD	CBCP	RATED LIFE
250W PAR38 spot	10°	46500	6000

Consult lamp manufacturer for availability and performance data.

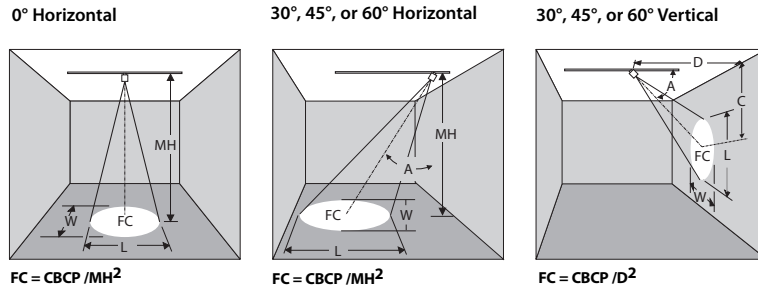
250W PAR38 flood	30°	9000	6000
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Consult lamp manufacturer for availability and performance data.

PAR30 (short neck) halogen lamps

	BEAM SPREAD	CBCP	RATED LIFE	horizontal aiming angles								vertical aiming angles									
				0°				30°				30°				45°					
				MH	FC	L	W	MH	FC	L	W	D	C	FC	L	W	D	C	FC	L	W
75W PAR30 spot	9°	15400	2500	8	219	1.3	1.3	7	186	1.5	1.3	3	5.2	194	1.9	0.9	5	5	196	1.6	1.1
				12	97	1.9	1.9	10	91	2.1	1.8	4	6.9	109	2.6	1.3	7	7	125	2.3	1.6
				16	55	2.5	2.5	13	54	2.7	2.4	5	8.7	70	3.2	1.6	9	9	61	2.9	2
75W PAR30 flood	40°	2100	2500	6	56	4.4	4.4	5	52	5.1	4.2	2	3.5	63	9.7	2.9	4	4	44	6.7	4.1
				8	31	5.8	5.8	7	27	7.1	5.9	3	5.2	28	14.5	4.4	5	5	28	8.4	5.1
				10	20	7.3	7.3	9	16	9.1	7.6	4	6.9	16	19.3	5.8	6	6	20	10.1	6.2

MH	FC	L	W	D	C	CBCP
Distance from the fixture to illuminated surface	Footcandle level at center of beam	Beam length in feet	Beam width in feet	Distance from the fixture to the wall	Distance to the center of the beam from the ceiling	Center beam candlepower



lamp data low voltage

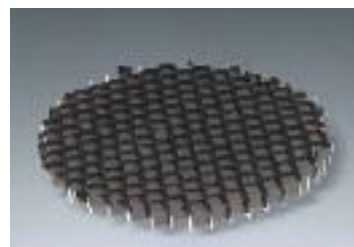
MR16 halogen lamps

	BEAM SPREAD	CBCP	RATED LIFE	horizontal aiming angles								vertical aiming angles									
				0°				30°				30°				45°					
				MH	FC	L	W	MH	FC	L	W	D	C	FC	L	W	D	C	FC	L	W
50W MR16 narrow spot EXT	14°	9100	4000	8	159	2.0	2.0	7	135	2.3	2.0	3	5.2	142	3.1	1.5	5	5.0	144	2.5	1.7
				12	71	2.9	2.9	10	66	3.3	2.8	4	6.9	80	4.1	2.0	7	7.0	74	3.5	2.4
				16	40	3.8	3.9	13	39	4.3	3.7	5	8.7	51	5.1	2.5	9	9.0	45	4.5	3.1
50W MR16 flood EXN	40°	1700	4000	4	116	2.9	2.9	3	134	3.0	2.5	1	1.7	231	4.8	1.5	3	3.0	73	5.0	3.1
				6	51	4.4	4.4	5	48	5.1	4.2	2	3.5	58	9.7	2.9	4	4.0	41	6.7	4.1
				8	29	5.8	5.8	7	25	7.1	5.9	3	5.2	26	14.5	4.4	5	5.0	26	8.4	5.1

FILTER ORDERING CHART For use with CR8616 only.

Catalog #	Diameter	Description
CF0	2"	Solite Lens
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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