

# CTX8635\*, 8638\*, 1238\*, CRX6117\*



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

Type: \_\_\_\_\_

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



CTX8635      CTX8638      CTX1238      CRX6117

### Description

Directional accent lamp holders with integral adjusting and aiming mechanism. Axis® docking mechanism accepts telescoping pole, permits aiming fixture from the floor. Eliminates use of ladders to adjust fixtures at ceiling heights to 16 feet. Can be adjusted from up to 20° off vertical. Provides horizontal adjustment of 358°, and vertical adjustment of 180°.

### Features

- Full family of accent lights for line voltage PAR lamps and low voltage MR16 lamps, suitable for accent lighting applications.
- Integral gear mechanism provides horizontal adjustment of 358° and vertical adjustment of 180°.
- Line voltage and low voltage fixtures for application flexibility.
- Nylon scratch guard.
- c/UL Listed.
- Integral switch on track plug housing permits interruption of power for routine lamp maintenance.

## CATALOG SYSTEM AND OPTIONS

SAMPLE CATALOG NUMBER: CTX8635W

### Track Head      Power Supply <sup>1,2</sup>      Finishes

CTX8635 CTX8638 CTX1238 CRX6117	CP12	W White BK Black
--	------	---------------------

Accessories (order separately)<sup>3</sup>

### Gimbal Ring      Louvers/Filter Holders      Filters<sup>3</sup>      Barndoors

CA225 <sup>3</sup> CA235 <sup>3</sup> CA238 <sup>3</sup>	CH25 <sup>3,5</sup> CH35 <sup>3,5</sup> CH38 <sup>3,5</sup>	CF43-CF46 <sup>5</sup> CF13-CF17 <sup>5</sup> CF22-CF27 <sup>5</sup> CF1-CF12 <sup>4</sup>	CB25 <sup>3</sup> CB35 <sup>3</sup> CB38 <sup>3,5</sup>
--	---	---	---

### General Notes:

1. Required for CRX6117 only.
2. Order separately, add 1 1/4" to 'C' dimension
3. Available only for the CTX1238
4. Available only for the CRX6117
5. Requires 'CA' accessory ring and 'CH' holder:  
CA225 and CH25 (PAR20 lamps)

\* Canadian product offering specifications and wattages may vary from these shown.

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.

## SPECIFICATIONS

1. **Axis® Housing** - Die-cast aluminum with adjusting pole socket. Internal gears control horizontal and vertical aiming. White or black powder coat finish.
2. **Housing** - Die-cast aluminum for maximum strength and rigidity (cones and gimbal). Deep drawn steel for CTX1238. White or black powder coat finish.
3. **Socket Housing** - Die-stamped steel with adjustable inner sleeve to cover neck of lamp, (CTX1238).
4. **Baffle** - Deep spun aluminum with grooves to shield PAR type lamps and provide a good visual cutoff. Black finish. (CTX8635 only.)
5. **Transformer** - Electronic power supply (CP12) reduces track line voltage 120V to 12 volts. Ordered separately (CRX6117).
6. **Finishes** - Choice of painted finishes W (white) or BK (black).

### Accessories (Order separately)

See above for ordering. See Accessory Chart for compatibility.

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

**Louvers** - Matte black deep cell construction provides additional shielding and cutoff.

**Louver/Filter Holders** - Black retainer ring to hold louvers, filters and/or barndoors. Also requires CA Accessory Gimbal Ring.

**Barndoors** - Set of four adjustable blades. Provides additional shielding. Black finish only.

**Accessory Gimbal Rings** - Snaps over PAR lamp acting as means of support for Louver/Filter Holders (CH25, 35, 38). Can also be used alone as decorative accessory.

**Axis® Adjusting Pole** - Fiberglass, two piece, with polycarbonate docking cone. Telescopes from 6' to 12' in length **CAP6**

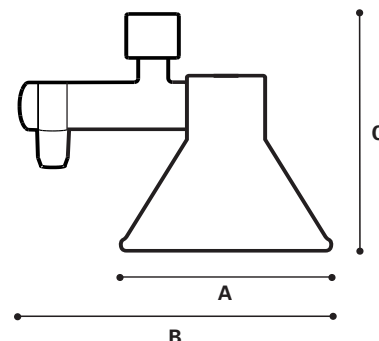
### ACCESSORY CHART

	PAR20	PAR30	PAR38
<b>Gimbal Ring</b>	CA225*	CA235*	CA238*
<b>Louver/Filter Holder</b>	CH25	CH35	CH38
<b>Louver</b>	CL25	CL35	CL38
<b>Barndoor</b>	CB25	CB35	CB38
<b>Filter Series</b>	CF43-CF46	CF13-CF17	CF22-CF27

\* Required when using any accessory.

## DIMENSIONS

Catalog #	Dimensions		
	A	B	C
CTX8635	5 1/4" (133 mm)	7 3/8" (187 mm)	6 1/2" (165 mm)
CTX8638	5 1/4" (133 mm)	7 1/2" (191 mm)	7" (178 mm)
CTX1238	2 1/4" (57 mm) dimensions without lamp	5" (127 mm)	6 1/8" (156 mm)
CRX6117	2 1/4" (57 mm)	6 3/4" (171 mm)	3 3/4" (95 mm)



### Legend

- Diameter: A
- Overall Width: B
- Max. Extension: C

REV. 09/05

# CTX8635\*, 8638\*, 1238\*, CRX6117\*

## LAMP DATA

## LEGEND

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

Note: Beamspreads are measured to 50% MCP.

### 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
4	1.3	797	1.0	1.0	307	2.1	1.2	282	2.0	1.4	242	2.1	1.6
6	1.9	354	1.5	1.5	129	3.8	1.6	137	3.2	1.8	134	3.0	1.9
8	2.3	199	2.0	2.0	63	6.4	2.1	72	5.1	2.2	76	4.5	2.3
10	3.2	127	2.5	2.5	32	11.9	2.7	36	7.7	2.6	46	6.3	2.7

### 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
2	1.7	601	1.5	1.5	212	3.6	2.2	153	2.4	3.3	107	4.0	3.4
3	2.5	267	2.3	2.3	103	7.4	2.7	94	5.4	3.3	77	5.3	3.8
4	3.4	150	3.1	3.1	55	10.2	3.4	58	8.6	3.8	53	7.2	4.3
5	4.2	96	3.8	3.8	31	13.4	4.1	36	12.8	4.5	37	10.0	4.9

### PAR20

NARROW SPOT



**50W, 120V/NARROW SPOT**  
RATED LIFE: **2000 hours** BEAM SPREAD: **10°**

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
4	1.1	377	0.7	0.7	145	1.5	0.9	133	1.4	1.0	114	1.5	1.1
6	1.5	167	1.0	1.0	61	2.6	1.2	65	2.3	1.3	64	2.1	1.4
8	2.0	94	1.4	1.4	30	4.3	1.5	34	3.5	1.5	36	3.2	1.7
10	2.5	60	1.7	1.7	15	7.6	1.9	19	5.2	1.9	22	4.4	1.9

### PAR20

NARROW FLOOD



**50W, 120V/NARROW FLOOD**  
RATED LIFE: **2000 hours** BEAM SPREAD: **26°**

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
3	2.0	206	1.4	1.4	80	3.3	1.7	73	2.9	2.0	59	3.0	2.3
4	2.6	116	1.8	1.8	42	5.6	2.0	45	4.2	2.3	41	3.9	2.6
5	3.4	74	2.3	2.3	24	9.8	2.5	28	6.1	2.7	28	5.1	2.9
6	4.0	51	2.8	2.8	14	11.6	3.0	19	8.5	3.1	20	6.7	3.3

### PAR30

NARROW SPOT

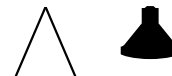


**75W, 120V/NARROW SPOT**  
RATED LIFE: **2000 hours** BEAM SPREAD: **11°**

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
4	1.1	934	0.8	0.8	339	1.9	0.8	360	1.6	1.0	330	1.6	1.1
5	1.4	598	1.0	1.0	193	2.9	1.0	226	2.2	1.1	229	2.0	1.2
6	1.6	415	1.2	1.2	115	4.4	1.2	151	2.9	1.3	161	2.5	1.4
7	1.9	305	1.3	1.3	78	5.7	1.4	105	3.7	1.4	115	3.2	1.5

### PAR30

FLOOD



**75W, 120V/FLOOD**  
RATED LIFE: **2000 hours** BEAM SPREAD: **36°**

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
2	1.6	650	1.3	1.3	230	2.9	1.8	166	3.0	2.4	116	3.4	3.6
3	2.3	289	1.9	1.9	112	5.4	2.3	102	4.4	2.8	83	4.3	4.1
4	3.1	163	2.6	2.6	59	8.2	2.9	63	6.6	3.2	57	5.8	4.6
5	3.9	104	3.2	3.2	34	10.6	6.9	39	10.4	3.8	40	7.8	5.2

### PAR38

SPOT



**Q250W, 120V SPOT**  
RATED LIFE: **6000 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
6	1.6	295	1.5	1.5	470	3.8	1.6	501	3.2	1.8	491	3.0	1.9
8	2.1	729	2.0	2.0	229	6.4	2.1	265	5.1	2.2	278	4.5	2.3
10	2.6	466	2.5	2.5	118	11.9	2.7	151	7.7	2.6	169	6.3	2.7
12	3.1	324	2.9	2.9	74	16.6	3.0	95	10.6	3.0	108	8.8	3.1

### PAR38

FLOOD



**Q250W, 120V FLOOD**  
RATED LIFE: **6000 hours** BEAM SPREAD: **27°**

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
4	2.7	640	1.9	1.9	246	4.4	2.4	226	4.1	2.7	194	4.1	3.1
6	4.0	284	2.9	2.9	103	9.0	3.2	110	7.0	3.4	108	6.3	3.7
8	5.3	160	3.8	3.8	50	17.2	4.0	58	12.0	4.2	61	10.0	4.5
10	6.6	102	4.8	4.8	26	19.0	5.2	33	18.0	5.1	37	15.0	5.3

## FILTER ORDERING CHART

Catalog #	Diameter	Description
<b>MR16</b>		
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
CF8	2"	Pink Filter
CF9	2"	Linear Spread Lens
CF10	2"	UV Filter
CF11	2"	Frosted Lens
CF12	2"	Medium Amber Filter

Catalog #	Diameter	Description
<b>PAR30</b>		
CF13	3 5/8"	Blue Filter
CF14	3 5/8"	Red Filter
CF15	3 5/8"	Green Filter
CF16	3 5/8"	Amber Filter
CF17	3 5/8"	UV Filter
<b>PAR38</b>		
CF22	5"	Spread Lens
CF23	5"	Blue Filter
CF24	5"	Red Filter

Catalog #	Diameter	Description
CF25	5"	Green Filter
CF26	5"	Amber Filter
<b>PAR20</b>		
CF27	5"	UV Filter
CF40	2 3/16"	UV Filter
CF43	2 3/16"	Blue Filter
CF44	2 3/16"	Red Filter
CF45	2 3/16"	Green Filter
CF46	2 3/16"	Amber Filter

Capri Lighting reserves the right to make changes without notice.©2005

# TR1-20

**CAPRI LIGHTING:**  
776 South Green St., Tupelo, MS 38804  
Phone 662.842.7212 FAX 662.841.5501  
www.caprilighting.com

**CANADIAN DIVISION:**  
189 Bullock Drive, Markham, Ontario, Canada L3P 1W4  
Phone 905.294.9570 FAX 800.268.0003

**capri**  
LIGHTING