

CT4220, CT4330, CT4440

Line Voltage (120V)
Classic Flatback

Catalog Number: _____

Type _____

Project: _____



CT4220

CT4330

CT4440

Description

Versatile classic cylinder with a flat back design. Concealed adjustable tension swivel permits rotation to position lamp in any direction. Wiring concealed inside stem. Standard black grooved baffle. Designed for use on either circuit of Capri combination one or two circuit track.

Features

- Flatbacks accommodate spot or flood lamps, which may be used on either circuit of Capri Track.
- Deep drawn steel, one piece housing, provides strength and durability.
- Field adjustable tension screw concealed in housing, ensures fixed beam angle settings, eliminates droop.
- Grooved baffle reduces glare at aperture.
- White baffle. Available with white housing.
- Nylon scratch guard.
- c/UL listed.
- Integral switch on track plug housing permits interruption of power for routine lamp maintenance.

Lamps Available:

- CT4220: BR/R20** 50W, **A19** 75W,
PAR20 50W, **PAR16** 75W
CT4330: BR/R30 100W, **A21** 150W,
PAR30 75W
CT4440: BR/R40 300W, **PAR38** 250W

CATALOG SYSTEM AND OPTIONS

SAMPLE CATALOG NUMBER: CT4220W

Track Head Finishes

CT4220	W White
CT4330	BK Black
CT4440	

Accessories (order separately)

Louvers	Louver Holders	Filters ¹	Lens	Barndoors
CL1	CH1	CF13-CF17	CF18	CB1
CL2	CH2	CF23-CF28	CF22	CB2
CL3	CH3	CF33-CF39 ²	CF32	CB3

General Notes:

1. See back for details.
2. 150W max.

ACCESSORY CHART

	CT4220	CT4330	CT4440
Louver	CL1	CL2	CL3
Louver/Filter Holder	CH1	CH2	CH3
Filter Series	CF13-CF17	CF23-CF28	CF33-CF39
Lens	CF18	CF22	CF32
Barn Doors	CB1	CB2	CB3

SPECIFICATIONS

- Housing** - Deep drawn steel for maximum rigidity and strength.
- Adjustable Stem** - Steel tube with concealed internal wireway. Rotates 365° horizontally and swivels 90° vertically. Field adjustable tension screw maintains setting after adjustment, eliminates droop.
- Baffle** - Deep spun aluminum with grooves to shield PAR or R type lamps and provide a good visual cutoff, black finish.
- Socket** - Porcelain, medium base, with nickel plated copper screw shell.
- Finishes** - Choice of painted finishes W (white) or BK (black).

Accessories (Order separately)
See above for ordering.

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

Spread Lens - Specify CF22. See back for details.

UV Filter - Specify CF17, CF27 or CF39. See back for details.

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

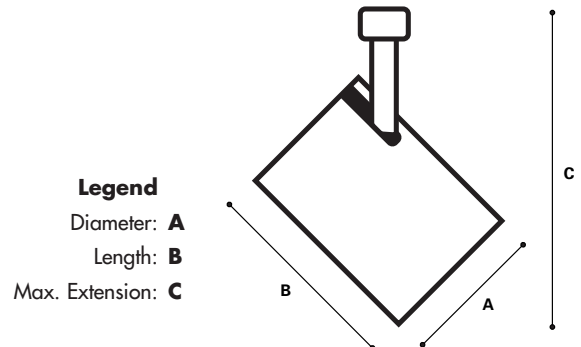
Louver/Filter Holders - Retaining ring, fastened to cylinder by tension screw. Accepts louvers and/or filters. Available only in black.

Barndoors - Set of four adjustable blades. Provides additional shielding. Available only in black.

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
CT4220	3 5/8" (92 mm)	5 1/8" (130 mm)	8 3/8" (213 mm)
CT4330	5" (127 mm)	6 3/16" (157 mm)	10 1/8" (257 mm)
CT4440	5 3/4" (146 mm)	7 1/2" (191 mm)	12 1/8" (308 mm)



capri
LIGHTING

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Capri Lighting is a Philips group brand

REV. 08/08
TR1-43

PHILIPS

CT4220, CT4330, CT4440 LAMP DATA

Classic Flatback

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.

PAR16

NARROW FLOOD



75W, 120V NARROW FLOOD
RATED LIFE: 2000 hours BEAM SPREAD: 30°

		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	1.9	222	1.6	1.6	86	4.1	1.9	79	3.5	2.3	64	3.5	2.7
4	2.5	125	2.1	2.1	45	7.2	2.4	48	5.1	2.7	44	4.6	3.0
5	3.2	80	2.7	2.7	26	9.4	2.9	30	7.6	3.1	31	6.1	3.4
6	3.8	56	3.2	3.2	15	13.2	3.5	20	10.8	3.5	22	8.1	3.8

R30

SPOT



75W, 120V SPOT
RATED LIFE: 2000 hours BEAM SPREAD: 26°

		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	2.3	148	1.4	1.4	57	3.3	1.7	52	2.9	2.0	43	3.0	2.3
4	3.1	83	1.8	1.8	30	5.6	2.0	32	4.2	2.3	29	3.9	2.6
5	3.8	53	2.3	2.3	17	9.8	2.5	20	6.1	2.7	20	5.1	2.9
6	4.4	37	2.8	2.8	10	12.6	3.0	13	8.5	3.1	14	6.7	3.3

R20

WIDE FLOOD

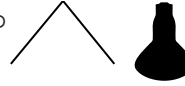


50W, 120V WIDE FLOOD
RATED LIFE: 2000 hours BEAM SPREAD: 50°

		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	2.6	95	1.9	1.9	33	5.3	2.8	24	3.4	4.2	17	5.4	4.5
3	3.4	42	2.8	2.8	16	8.0	3.6	15	8.0	4.2	12	7.3	5.0
4	4.6	24	3.7	3.7	9	11.0	4.4	9	9.6	5.0	8	9.1	5.6
5	5.7	15	4.6	4.6	5	12.4	5.3	6	11.2	5.8	6	11.8	6.3

R30

WIDE FLOOD



75W, 120V WIDE FLOOD
RATED LIFE: 2000 hours BEAM SPREAD: 81°

		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	3.0	117	3.4	3.4	41	6.2	3.5	30	7.8	4.5	21	9.6	7.0
3	4.4	52	5.1	5.1	20	8.0	4.5	18	9.2	5.3	15	11.0	7.8
4	6.0	29	6.8	6.8	11	10.0	5.5	11	11.2	6.2	10	12.4	8.8
5	7.6	19	8.5	8.5	6	12.0	7.0	7	13.0	7.3	7	14.0	9.9

R40

WIDE FLOOD



150W, 120V WIDE FLOOD
RATED LIFE: 3000 hours BEAM SPREAD: 76°

		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	2.7	347	3.1	3.1	123	6.2	3.5	89	7.8	4.5	62	9.6	7.0
3	4.0	154	4.7	4.7	60	8.0	4.5	55	9.2	5.3	44	11.0	7.8
4	5.2	87	6.3	6.3	32	10.0	5.5	33	11.2	6.2	31	12.4	8.8
5	6.6	55	7.8	7.8	18	12.0	7.0	21	13.0	7.3	21	14.0	9.9

PAR30

FLOOD



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

		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

FLOOD



100W/HIR, 120V FLOOD
RATED LIFE: 3000 hours BEAM SPREAD: 33°

		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	1.8	1399	1.2	1.2	495	2.6	1.7	357	2.7	2.5	249	3.1	2.7
3	2.1	622	1.8	1.8	241	4.7	2.1	220	3.9	2.5	179	3.9	3.0
4	2.7	350	2.4	2.4	127	8.7	2.6	135	5.1	3.0	124	5.2	3.4
5	3.3	224	3.0	3.0	72	11.0	3.2	85	8.9	3.5	86	6.9	3.8

PAR20

NARROW FLOOD



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

		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

PAR38

SPOT



100W/HIR, 120V SPOT
RATED LIFE: 3000 hours BEAM SPREAD: 10°

		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	1.5	694	1.0	1.0	308	2.6	1.2	329	2.3	1.3	322	2.1	1.4
8	2.0	391	1.4	1.4	150	4.3	1.5	173	3.5	1.5	182	3.2	1.7
10	2.5	250	1.7	1.7	77	7.6	1.9	99	5.2	1.9	111	4.4	1.9
12	2.9	174	2.1	2.1	48	10.2	2.2	62	7.1	2.1	71	6.0	2.2

PAR38

SPOT



Q250W, 120V SPOT
RATED LIFE: 6000 hours BEAM SPREAD: 14°

		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	1295	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

Catalog #	Diameter	Description	Catalog #	Diameter	Description	Catalog #	Diameter	Description	Catalog #	Diameter	Description
CF13	3-1/4"	Blue Filter	CF22	4-1/2"	Spread Lens	CF28	4-1/2"	Pink Filter	CF36	5-7/16"	Amber Filter
CF14	3-1/4"	Red Filter	CF23	4-1/2"	Blue Filter	CF32	5-7/16"	Spread Lens	CF37	5-7/16"	Yellow Filter
CF15	3-1/4"	Green Filter	CF24	4-1/2"	Red Filter	CF33	5-7/16"	Blue Filter	CF38	5-7/16"	Pink Filter
CF16	3-1/4"	Amber Filter	CF25	4-1/2"	Green Filter	CF34	5-7/16"	Red Filter	CF39	5-7/16"	UV Filter
CF17	3-1/4"	UV Filter	CF26	4-1/2"	Amber Filter	CF35	5-7/16"	Green Filter			
CF18	3-1/4"	Spread Lens	CF27	4-1/2"	UV Filter						

TR1-43

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