



Lamp Description

MasterColor® CDM ED17 Protected

Range of protected, high-efficiency long life ceramic metal halide lamps with a stable color over lifetime and a crisp, sparkling light to be used in open fixtures.

Benefits

- Environmentally Responsible TCLP* Compliant ALTO® Lamp Technology.
- High lamp efficacy (up to 95 LPW)
- Energy-efficient alternative to incandescent/halogen.

Features

- Excellent Color Rendering.
- Superior Color Stability Over Life.
- Total Cost of Ownership Benefits.
- FadeBlock—Lamps feature integrated UV blocking medium for reduced fading of fabrics and paintings.
- Available in 50,70,100, and 150 watt with 3000& 4000K color temperatures.

Application

- Ideal for general lighting, downlighting, and flood lighting.

Related products



Dimensional drawing



Compare table

Order code	Full product name	Bulb	Bulb Material	Bulb Finish	Base	Operating Position	Main Application	Color Code	Color Designation	Lamp Wattage	Lamp Current
928601132301	MasterColor CDM 150W/830 Med ED17P CL ALTO+FB	ED17P	Hard Glass	Clear	Medium	Universal	General Lighting	830	Warm White	150	1.8
928601132401	MasterColor CDM 150W/830 Med ED17P CO ALTO+FB	ED17P	Hard Glass	Coated	Medium	Universal	General Lighting	830	Warm White	150	1.8
928601132701	MasterColor CDM 150W/940 Med ED17P CL ALTO+FB	ED17P	Hard Glass	Clear	Medium	Universal	General Lighting	940	Deluxe Cool White	150	1.8
928601132801	MasterColor CDM 150W/940 Med ED17P CO ALTO+FB	ED17P	Hard Glass	Coated	Medium	Universal	General Lighting	940	Deluxe Cool White	150	1.8
928601136002	MasterColor CDM 70W/830 Med ED17P CL ALTO+FB	ED17P	Hard Glass	Clear	Medium	Universal	General Lighting	830	Warm White	70	0.92
928601136102	MasterColor CDM 70W/830 Med ED17P CO ALTO+FB	ED17P	Hard Glass	Coated	Medium	Universal	General Lighting	830	Warm White	70	0.92
928601136401	MasterColor CDM 70W/940 Med ED17P CL ALTO+FB	ED17P	Hard Glass	Clear	Medium	Universal	General Lighting	940	Deluxe Cool White	70	0.8
928601136501	MasterColor CDM 70W/940 Med ED17P CO ALTO+FB	ED17P	Hard Glass	Coated	Medium	Universal	General Lighting	940	Deluxe Cool White	70	0.8
928601137001	MasterColor CDM 50W/830 Med ED17P CL ALTO+FB	ED17P	Hard Glass	Clear	Medium	Universal	General Lighting	830	Warm White	50	0.59
928601137201	MasterColor CDM 50W/940 Med ED17P CL ALTO+FB	ED17P	Hard Glass	Clear	Medium	Universal	General Lighting	940	Deluxe Cool White	50	0.59
928601137601	MasterColor CDM 100W/830 Med ED17P CL ALTO+FB	ED17P	Hard Glass	Clear	Medium	Universal	General Lighting	830	Warm White	100	1.1
928601137701	MasterColor CDM 100W/830 Med ED17P CO ALTO+FB	ED17P	Hard Glass	Coated	Medium	Universal	General Lighting	830	Warm White	100	1.1
928601138001	MasterColor CDM 100W/940 Med ED17P CL ALTO+FB	ED17P	Hard Glass	Clear	Medium	Universal	General Lighting	940	Deluxe Cool White	100	1.1
928601138101	MasterColor CDM 100W/940 Med ED17P CO ALTO+FB	ED17P	Hard Glass	Coated	Medium	Universal	General Lighting	940	Deluxe Cool White	100	1.1

Compare table

Order code	Full product name	Initial Lumens	Lamp Voltage	Chromaticity Coordinate X	Chromaticity Coordinate Y	Color Rendering Index	RatedAvgLife(See Family Notes)	Lumen Maintenance 2000h	Lumen Maintenance 5000h	Cap-Base Temperature	Bulb Temperature
928601132301	MasterColor CDM 150W/830 Med ED17P CL ALTO +FB	12900	95	440	400	85	16000	82	73	190	400
928601132401	MasterColor CDM 150W/830 Med ED17P CO ALTO +FB	11900	95	433	398	85	16000	86	79	190	400
928601132701	MasterColor CDM 150W/940 Med ED17P CL ALTO +FB	12000	95	383	376	92 (min), 92 (nom)	20000	90	78	190	400
928601132801	MasterColor CDM 150W/940 Med ED17P CO ALTO +FB	11000	95	386	377	90 (min), 92 (nom)	20000	88	78	190	400
928601136002	MasterColor CDM 70W/830 Med ED17P CL ALTO +FB	5900	100	.419 (min), .428 (nom), .437 (max)	.392 (min), .398 (nom), .404 (max)	80 (min), 85 (nom)	16000	81	74	190	400
928601136102	MasterColor CDM 70W/830 Med ED17P CO ALTO +FB	5400	100	.421 (min), .430 (nom), .439 (max)	.394 (min), .400 (nom), .406 (max)	80 (min), 85 (nom)	16000	81	74	190	400
928601136401	MasterColor CDM 70W/940 Med ED17P CL ALTO +FB	5600	100	371 (min), 380 (nom), 389 (max)	369 (min), 375 (nom), 381 (max)	92	20000	83	73	190	400
928601136501	MasterColor CDM 70W/940 Med ED17P CO ALTO +FB	5100	100	376 (min), 385 (nom), 394 (max)	369 (min), 375 (nom), 381 (max)	92	20000	84	74	190	400
928601137001	MasterColor CDM 50W/830 Med ED17P CL ALTO +FB	4000	100	431 (min), 440 (nom), 449 (max)	394 (min), 400 (nom), 406 (max)	85	10000	73	67	190	400
928601137201	MasterColor CDM 50W/940 Med ED17P CL ALTO +FB	3600	100	377 (min), 386 (nom), 395 (max)	369 (min), 375 (nom), 401 (max)	88 (min), 92 (nom)	20000	78	69	190	400
928601137601	MasterColor CDM 100W/830 Med ED17P CL ALTO +FB	8600	101	.421 (min), .430 (nom), .439 (max)	.386 (min), .392 (nom), .398 (max)	80 (min), 85 (nom)	16000	86	79	190	400
928601137701	MasterColor CDM 100W/830 Med ED17P CO ALTO +FB	7900	101	.421 (min), .430 (nom), .439 (max)	.386 (min), .392 (nom), .398 (max)	80 (min), 85 (nom)	16000	87	78	190	400
928601138001	MasterColor CDM 100W/940 Med ED17P CL ALTO +FB	8200	104	367 (min), 376 (nom), 385 (max)	361 (min), 367 (nom), 373 (max)	92	20000	90	81	190	400
928601138101	MasterColor CDM 100W/940 Med ED17P CO ALTO +FB	7500	104	372 (min), 381 (nom), 390 (max)	369 (min), 375 (nom), 381 (max)	92	20000	91	81	190	400

Compare table

Order code	Full product name	Luminous Efficacy Lamp	Color Temperature	Design Mean Lumens	Mercury (Hg) Content	Pico-gram per Lumen Hour
928601132301	MasterColor CDM 150W/ 830 Med ED17P CL ALTO+FB	86	3000	9545	14.2	-
928601132401	MasterColor CDM 150W/ 830 Med ED17P CO ALTO+FB	79.3	3000	8805	14.2	-
928601132701	MasterColor CDM 150W/ 940 Med ED17P CL ALTO+FB	80	4000	9000	11.4	-
928601132801	MasterColor CDM 150W/ 940 Med ED17P CO ALTO+FB	72	4000	8250	11.4	-
928601136002	MasterColor CDM 70W/ 830 Med ED17P CL ALTO+FB	84	3000	4365	5.0	71.6
928601136102	MasterColor CDM 70W/ 830 Med ED17P CO ALTO+FB	74.3	3000	3995	5.0	-
928601136401	MasterColor CDM 70W/ 940 Med ED17P CL ALTO+FB	80	4000	4060	7.8	102.4
928601136501	MasterColor CDM 70W/ 940 Med ED17P CO ALTO+FB	73	4000	3640	7.8	-
928601137001	MasterColor CDM 50W/ 830 Med ED17P CL ALTO+FB	76	3000	2680	5.6	-
928601137201	MasterColor CDM 50W/ 940 Med ED17P CL ALTO+FB	72	4000	2450	5.8	-
928601137601	MasterColor CDM 100W/ 830 Med	86	3000	6450	5.8	-

Order code	Full product name	Luminous Efficacy Lamp	Color Temperature	Design Mean Lumens	Mercury (Hg) Content	Pico-gram per Lumen Hour
	ED17P CL ALTO+FB					
928601137701	MasterColor CDM 100W/ 830 Med ED17P CO ALTO+FB	79	3000	5925	5.8	-
928601138001	MasterColor CDM 100W/ 940 Med ED17P CL ALTO+FB	82	4000	6150	5.9	-
928601138101	MasterColor CDM 100W/ 940 Med ED17P CO ALTO+FB	75	3900	5625	5.9	-



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