

BR Lamp Series



Curtis Mathes C90 BR Series

Offering High Color Reddening Index quality for better lighting

Product Features

- Available in Color Rendering Index 80 and 90
- Available in 2700K/4000K color options
- Energy-Star qualified
- Beam angle: 120°
- Design to dim 10%-100% range
- Power Factor >0.7
- Instant on-No warm-up period
- No UV/IR light in the beam; contain no mercury
- 25,000 hours rated life, it will last 22.8 years based on 3 hours per day usage
- Limited 10 year replacement warranty
- Suitable for damp locations

Product Offering

Product Descriptions	Wattage	CRI	Incandescent Replacements
LED BR20	7W	>80	50W
LED BR30	11W 12W	>80 >90	65W 65W
LED BR40	13W 14W 17W	>80 >90 >80	80W 80W 100W

Application Notes

- General lighting
- Recessed downlights
- Track lighting
- Wall washers

- Operating temperature -4°F to +104°F
- Not for use with emergency light fixtures or exit lights
- Use in open fixture
- Suitable for outdoor use in UL rated fixtures where protected from the weather
- Dimming range could vary in certain circumstances due to the number of different lamp types connected to the dimmers

General Product Spec

Models	Lamp Types	Input Voltages	Wattage	CRI	CCT	Lumen	Replacement	MOL	Dia	Energy Star qualified
CMC90-2101	BR20	120V	7W	80	2700K	550	50W	3.86"	2.5"	z
CMC90-2301	BR30	120V	11W	80	2700K	850	65W	5.12"	3.74"	z
		120V	11W	80	4000K	870	65W	5.12"	3.74"	z
CMC90-2302	BR30	120V	12W	90	2700K	800	65W	5.12"	3.74"	r
		120V	12W	90	4000K	820	65W	5.12"	3.74"	△
CMC90-2501	BR40	120V	13W	80	2700K	1050	80W	6.3"	4.7"	r
		120V	13W	80	4000K	1100	85W	6.3"	4.7"	r
CMC90-2502 z Energy Star approval	BR40	120V	14W	90	2700K	1000	80W	6.3"	4.7"	r
		120V	14W	90	4000K	1050	80W	6.3"	4.7"	△
CMC90-2503	BR40	120V	17W	80	2700K	1400	100W	6.3"	4.7"	r
		120V	17W	80	4000K	1450	100W	6.3"	4.7"	r

Ordering Information

Models	Lamp Types	Wattages	CRI	Color Temperatures
CMC90-2101-827*	BR20	7W	80	
CMC90-2301-8XX	BR30	11W	80	XX = 27 for 2700K
CMC90-2302-9XX	BR30	12W	90	XX =40 for 4000K
CMC90-2501-8XX	BR40	13W	80	
CMC90-2502-9XX	BR40	14W	90	
CMC90-2503-8XX	BR40	17W	80	

Examples: CMC90-2302-927 for 12W BR30 in 2700K color temperature and CRI >90

* CMC90-2101-827 is only available in 2700K Color Temperature. Please contact Curtis Mathes for 4000K further information.

Packaging Information

Models	Lamp Types	Wattages	Product Box	Master Carton Q'ty	Master Carton Sizes	Carton Gross Weight
CMC90-2101	BR20	7W	70×70×108mm	24 pcs	302×228×240mm	7.9 lbs
CMC90-2301	BR30	11W	100×100×145mm	24 pcs	422×318×314mm	11.4 lbs
CMC90-2302	BR30	12W		24 pcs		
CMC90-2501	BR40	13W	124×124×180mm	24 pcs	518×390×384mm	21.9 lbs
CMC90-2502	BR40	14W		24 pcs		
CMC90-2503	BR40	17W		24 pcs		

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