



High Power LED Spot Illumination



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MCEP-C□8-070 Series



Model Explanation

MCEP - C □ **8** - **070**

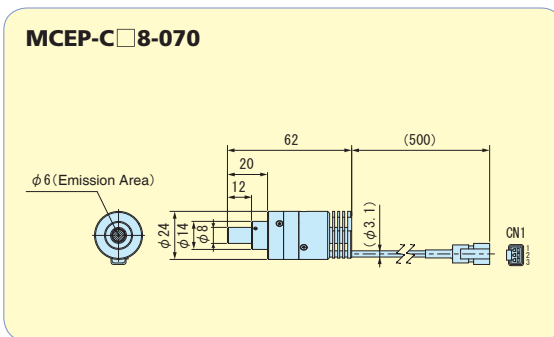
Power LED	Luminescent color	Value for Maximum Rated Electrical Current
R Red	B Blue	
G Green	W White	

- Realization of illuminance 1.35 times greater than conventional models.
- Increased efficiency of emission due to a unique heat discharge system (design registration pending).
- Realization of industry-leading*1 illuminance and high uniformity (when using MML) due to a newly developed collimator and optical guidance rod.

*1 As of August, 2007

Model	Emitted Color	Dominant Wavelength Range*	Color Temperature	Maximum Rated Current IFM (A)	Weight (g)	Commodity Code
MCEP-CR8-070	● Red	613.5~645nm	--	0.7	45	A-2323
MCEP-CG8-070	● Green	520~550nm	--	0.7	45	A-2324
MCEP-CB8-070	● Blue	460~490nm	--	0.7	45	A-2325
MCEP-CW8-070	○ White	--	4500~10000K	0.7	45	A-2326

*Wavelength that is seen by eye due to CIE chromatic coordinates.



MLEP-A070



Exclusive Power Supply Unit (refer to page I-23)

MCEP-ADLG24

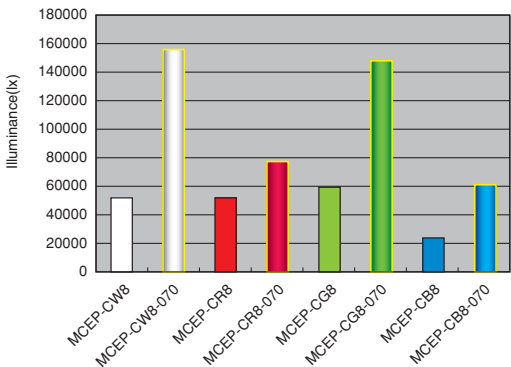


Exclusive Light Guide Adaptor (refer to page I-21)



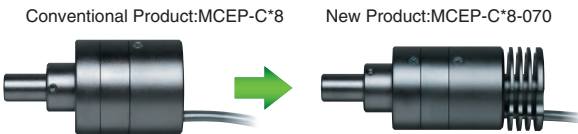
Use the MML Series for the optimal matching of high power LED spot LED illumination (MCEP Series) combined with a lens for coaxial illumination. A lineup of 47 types of telecentric optical systems with low image distortion offer a variety of supported magnifications, widths and camera mounts (only with coaxial illumination) Moritex has a variety of high quality lens and illumination products along with the technology to diagnose, aid, and solve any difficult applications our customers may have.

Amazing Brightness



*The illuminance values shown above are intended for use as reference values. They are not guaranteed values.

Unique Heat Discharge Structure

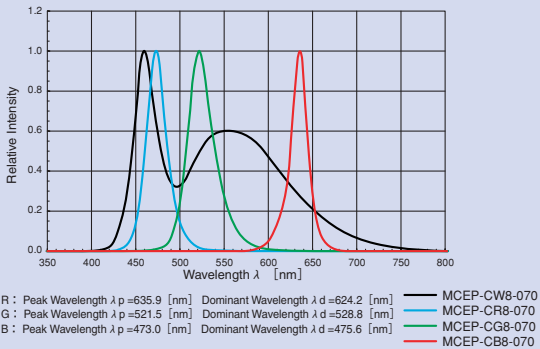


LED elements have changed to handle a large electrical current. Due to this change, the issue of suppressing the occurrence of heat has become a key point when creating efficient illumination. Moritex has improved the efficiency of emission through the use of our unique heat discharge structure. (Design registration pending.)

Supported Power source

Use the MLEP-A070 power source. Four types are available including 1 ch, 3 ch, digital, and analog. Of course, RoHS and CE standards are satisfied.

Spectral Characteristic Data



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Light Distribution Qualities

