HIKROBO

MV-SC2000-WB/RB/BB/IB/WH/RH/BH

SC2000 Series Vision Sensor Supporting Light Board



MV-SC2000-** model light board is suitable for SC2000 series vision sensor, with a variety of types to be chosen from. You can select the appropriate type according to the site conditions to improve the imaging effect when testing the workpiece. The up, down, left and right light source on the board can be controlled individually, and support PWM to adjust the brightness to meet different requirements.

Specification

Model	MV-SC2000-WB	MV-SC2000-RB	MV-SC2000-BB	MV-SC2000-IB	
Performance					
Light type	8 white LED	8 red LED	8 blue LED	8 NIR LED	
Center illuminance	4400 lx @300 mm	2000 lx @300 mm	2000 lx @300 mm	1 w/m² @300 mm	
Uniformity	0.8				
Luminous flux	2000 lm	1000 lm	1000 lm	1000 mw	
Light source wavelength	380 - 780 nm	634 nm	465 nm	850 nm	
Beam angle	120	80	80	80	
Electrical Features					
Interface	ribbon cable connector				
Power supply	12 ~ 24V DC				
Max. power	19.8 W				
consumption					
General					
Applicable camera	SC2000 series vision sensor (MV-SC2000-WB is the supplied light board of the				
model	sensor)				



Specification

Model	MV-SC2000-WH	MV-SC2000-RH	MV-SC2000-BH		
Performance					
Light type	48 white LED	48 red LED	48 blue LED		
Center illuminance	4400 lx @300 mm	2000 lx @300 mm	2000 lx @300 mm		
Uniformity	0.8				
Luminous flux	2000 lm	1000 lm	1000 lm		
Light source wavelength	380-780 nm	634 nm	465 nm		
Beam angle	120				
Electrical Features					
Interface	ribbon cable connector				
Power supply	12~24V DC				
Max. power	19.8 W				
consumption					
General					
Applicable camera	SC2000 series vision sensor (MV-SC2000-WB is the supplied light board of the				
model	sensor)				

Note:

- The installation and use of the light board should be strictly in accordance with electrical safety regulations in the state and the area.
- Do not leave the light board in the wet or rainy environment in order to reduce the risk of fire or electric shock.
- Do not directly contact with the cooling parts of the light board to avoid burns.
- Do not use the light board in the extremely hot, cold, dusty, corrosive or high humidity environment. See Specification for the specific temperature and humidity requirements.



