

CWK



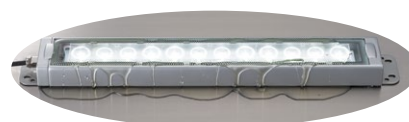
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The CWK Series was designed especially for the machine tool industry where oil, oil mist, other cutting fluids and debris is constantly present (rated IP66G and IP67G). It has one of the lowest, space saving profiles in the industry but puts out up to 1500 lx, illuminating large areas. In addition to this, a specially designed lens disperses the light so a wider area is illuminated. The aluminum and tempered glass protect the unit from hot flying debris. Various lengths are available along so that the CWK can be used in various equipment sizes.



The body is protected by the tempered glass which disperses the flying debris.



Passed oil resistant test with commonly used cutting oils. [Accelerated aging test with diluted oil at 55°C for 240 hours (10 days) sprayed onto the test object]

Specifications

Model	CWK2S-24	CWK3S-24	CWK6S-24
Luminous Color	Daylight		
Color Temperature (typ.)	6500K		
Illuminance (typ.) (at DC24V) 1.0m	600 lx	850 lx	1500 lx
Total Luminous Flux (typ.)	800 lm	1200 lm	2400 lm
Operating Voltage Range	24V DC ±10%		
Rated Current Consumption	360mA ±10%	480mA ±10%	960mA ±10%
Rated Power Consumption	8.6W	11.5W	23.0W
Operating Ambient Temperature	-10 °C - +50 °C		
Operating Ambient Humidity	90% RH or less, no condensation		
Main Unit Material	Body: Aluminum Alloy; Lens: Tempered Glass		
Cable Length	3 meters		
Mounting Location	Indoors		
Protection Rating	IP66G/ IP67G (JIS C0920)		
Insulation Resistance	500V DC 5MΩ or more		
Withstand Voltage	500V AC for 1 minute (Between terminals and chassis)		
Vibration Resistance	30Hz 20m/s ²		
Mass (Tolerance ±10%)	600g	750g	1230g

Model Code

