



MLSW-45-100-5-B-24V

Optical Information			
Part Number	MLSW-45-100-5-B-24V		
LED Colour	BLUE		
Wavelength	(nm)	470	
Intensity (±15%)	(Lux)	75900	66900 62000
Working Distance	(mm)	16	25 34
Illumination (number of rows)	5		
Illumination Active Area			
Active Length / Outer Diameter	(mm)	95	
Active Width / Inner Diameter	(mm)	57	
Emission Angle	(deg.)	45	
Eye Safety Class (IEC62471)	EXEMPT		
*CHROMATICITY TABLE			
Electrical Information			
Lighting Supply Voltage (constant voltage mode)	24V ± 2%		
Continuous Current	(mA)	444	
Power Consumption	(W)	10.66	
Lighting Casing Temperature, Operating after 60 minutes	°C	53.6	
Strobe Mode Specification			
Pulse Operation	YES		
Max. Lighting Supply Voltage (constant voltage power supply)	(V)	Pulsing at 24VDC to 48VDC, 0-10% Duty Cycle, Recommended at 36VDC	
Pulse Current, (Max. 10 msec) (constant current power supply)	(mA)	1332	
Max. Trigger Pulse Duration	(msec)	10	
Duty Cycle	0-10%		
Additional Information			
Additional Cooling Method	Attached to machine part for better heat dissipation		
Intensity Controller Selection	ANG, ST, SD and SDA Series		
CE Conformity	YES		
RoHS Compliance	YES		
Connection			
Connector Type (default)	M12 5 PIN CONNECTOR (MALE)		
Cable Length (out from lighting)	(mm)	700	
Pin Configuration	Pin	Signal	Cable Colour
	1	24V	BROWN
	2	-	WHITE
	3	GND	BLUE
	4	-	BLACK
	5	-	GRAY
Extension Cable			
Connector Type (default)	M12 5 PIN CONNECTOR (FEMALE)		
Part Number	EXT-FL-M12F-3M-24V		
Cable Length (out from female connector)	(mm)	3000	
Extension Cable (connect to M12 5 Pin Male Connector from lighting)			
Application			
Illumination Type	Direct Illumination		
Application Use	Substrate inspection, label inspection, flat surface, fiducially recognition.		