

IML SERIES INSTRUCTION MANUAL



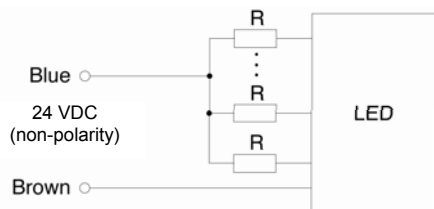
FEATURES

- LED light source ensures energy savings, long life, compact size, noise-free and low heat generation
- Four different sizes
- Slim style fits into narrow spaces
- Two cover colors: transparent and white (diffused light)
- Bright, clear illumination (color temperature 5500K)
- Degree of protection: IP54

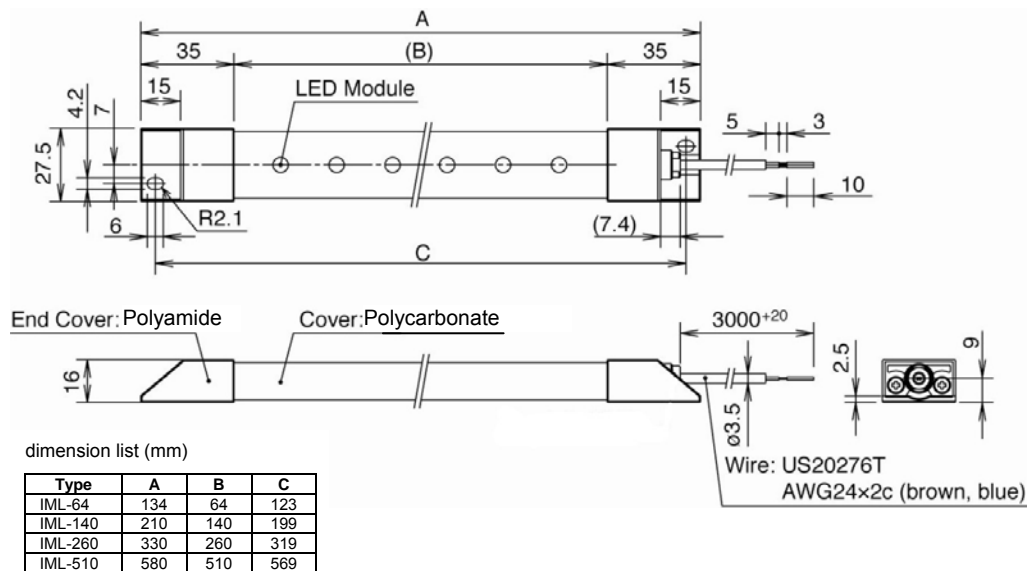
MODELS

IML-XXX-T = transparent models
IML-XXX-W = white models

CONNECTIONS



DIMENSIONS



TECHNICAL DATA

	IML-064-T/W*	IML-140-T/W*	IML-260-T/W*	IML-510-T/W*
Rated Voltage:	24V DC (non-polarity)			
Input Current (typ.) (at the rated voltage):	30 mA	60 mA	120 mA	240 mA
Rated Power (typ.) (at the rated voltage):	0.8W	1.5W	2.9W	5.8W
Insulation Resistance:	100 MΩ minimum (500 V DC megger)			
Dielectric Strength:	1000V AC, 1 minute (between live and dead metal parts)			
Operating Temperature:	-30 ... +55°C (no freezing)			
Operating Humidity:	45 ... 85% RH (no condensation)			
Storage Temperature:	-35 ... +70°C (no freezing)			
Life:	40.000 hours (until the brightness reduces to 70% the initial value in 25°C environment)			
Weight (approx.):	95 g.	125 g.	165 g.	255 g.
Degree of Protection:	IP54			
Construction:	Plastic housing (middle): Polycarbonate (UL94V-2), Plastic housing (ends): Polyamide G15 (UL94V-0) Wire: US20276T AWG24x2c			

* T = transparent models and W = white models

LED Optical Specifications:

Color Temperature (typ.):	5500 K			
Brightness (typ.) (front at 500 mm):	Transparent: 90 lux White: 80 lux	Transparent: 170 lux White: 150 lux	Transparent: 330 lux White: 300 lux	Transparent: 560 lux White: 500 lux

APPLICATIONS

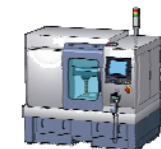
- Industrial machines
- Factory equipment
- Low temperature areas (down to -30°C)
- Shelf illumination
- Signboards
- Others



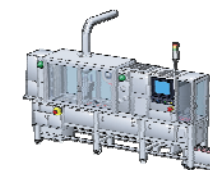
Semiconductor Production



Chip Mounter



Machine Tool



Automatic Machine

DECLARATION OF CONFORMITY

We DATALOGIC AUTOMATION declare under our sole responsibility that these products are conform to the 2004/108/CE and successive amendments.



WARRANTY

DATALOGIC AUTOMATION warrants its products to be free from defects. DATALOGIC AUTOMATION will repair or replace, free of charge, any product found to be defective during the warranty period of 36 months from the manufacturing date. This warranty does not cover damage or liability deriving from the improper application of DATALOGIC AUTOMATION products.

DATALOGIC AUTOMATION

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