



WL50 Work Lights

- Compact industrial lighting for excellent illumination where space is tight and light is critical
- 50 mm white light for flat or 30 mm base mounting
- Standard or push-button models
- Robust IP69K (standard) or IP67 (push-button models) for use in wet and dirty environments
- LED light sources for long life (50,000 hours typical) with low power consumption (< 2 watts)
- Cabled or quick-disconnect models
- Velcro and magnets for quick mounting and convenient repositioning of flat-mount models

- Photoelectrics Sensors
- Fiber Optic Sensors
- Special Purpose Sensors
- Measurement & Inspection Sensors
- Vision
- Wireless
- Lighting & Indicators**
- Safety Light Screens
- Safety Laser Scanners
- Fiber Optic Safety Systems
- Safety Controllers & Modules
- Safety Two-Hand Control Modules
- Safety Interlock Switches
- Emergency Stop & Stop Control

ACCESSORIES
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WL50F



WL50F with Push Button

ONLINE
AUTOCAD, STEP, IGES & PDF



WL50



WL50 with Push Button

TASK LIGHTS

- WL50
- WLS28
- WLA
- VISION LIGHTS
- INDICATORS
- ACTUATORS


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Illuminators—WL50 Work Lights, 12 to 30V dc


Discription		LED Color	Connection	Standard Models	Push-Button Models
	Flat mount†	White	2 m	WL50F	WL50FPB
			4-pin Euro QD	WL50FQ	WL50FPBQ
	30 mm mount		2 m	WL50	WL50PB
			4-pin Euro QD	WL50Q	WL50PBQ

Connection options: A model with a QD requires a mating cordset (see page 406).

For 9 m cable, add suffix **W30** to 2 m model number (example, **WL50F W30**).
QD models: For a 4-pin 150 mm Euro-style pigtail QD, add suffix **QP** to 2 m model number (example, **WL50FQP**).


† Flat-mount models include a 48 mm circular velcro mounting kit and circular magnet for easy mounting with no additional hardware.


WL50 Specifications

Supply Voltage	12 to 30V dc (10% max. ripple) Max. current: 105 mA @ 12V dc; 55 mA @ 30V dc Max. input power: 1.7 watts
Power-up Response Time	Light ON: 1 millisecond max. (models without push button)
Light Characteristics	Color temperature (CCT): 5,000 to 10,000 K Color: Cool white Intensity (typical): 65 lumens; 50 lux @ 1 meter
Construction	Polycarbonate housing; Nickel-plated QD connector or PVC-jacketed cable
Environmental Rating	Standard models: IP69K per DIN 40050 Push-button models: IEC IP67
Connections	Integral 4-pin Euro-style QD, 150 mm PVC pigtail with QD or 2 m integral cable, depending on model. QD cordsets are ordered separately. See page 406.
Operating Conditions	-40° to +50° C
Application Note	Push-button models: When power is initially applied to the device, push the push button to turn the light on. If power to the device is interrupted the light will turn off and will remain off when power is restored. To turn light back on, push the push button.
Certification	
Hookup Diagrams	LI25 (p. 775)

Cordsets

Euro QD		
See page 682		
Threaded 4-Pin		
Length	Straight	Right-Angle
1.83 m	MQDC-406	MQDC-406RA
4.57 m	MQDC-415	MQDC-415RA
9.14 m	MQDC-430	MQDC-430RA



 Additional cordset information available. See page 679.

Brackets

WL50		
 pg. 639 SMB30A	 pg. 640 SMB30MM	 pg. 641 SMB30SC

 Additional brackets and information available. See page 620.

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