



DENKI SEIGYO

DISL-550-3.5W-A/D



Flexible LED Industrial Spotlight

550 mm Flexible Gooseneck • 3.5 W LED • AC/DC Input • IP65

Product Overview

The **DISL-550-3.5W-A/D** is a compact **flexible LED industrial spotlight** designed for focused illumination of machine tools, CNC equipment, inspection stations, workstations and industrial production areas.

Its **550 mm flexible metal gooseneck** allows the lamp head to be manually positioned exactly where light is required. The focused/narrow-beam LED illumination provides concentrated lighting for machining, inspection and maintenance applications.

The rugged construction, aluminium lamp head and **IP65 protection** make the spotlight suitable for demanding industrial environments.

Key Features

- **550 mm flexible gooseneck arm**
 - **3.5 W high-efficiency LED**
 - AC/DC compatible input
 - Focused / narrow-beam illumination
 - Adjustable lamp-head direction
 - Flexible metal gooseneck
 - Aluminium lamp-head construction
 - IP65 industrial protection
 - Screw mounting
 - Compact installation footprint
 - Low-maintenance LED light source
 - Designed for CNC and machine-tool applications
 - Suitable for precision and localized illumination
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Technical Specifications

Parameter	Specification
Product Type	Flexible LED Industrial Spotlight
Model	DISL-550-3.5W-A/D
Gooseneck Length	550 mm
LED Power	3.5 W
Light Source	LED
Input Type	AC/DC
Light Distribution	Focused / Narrow Beam
Lamp Head Material	Aluminium
Flexible Arm	Metal Gooseneck
Lamp Direction	Adjustable
Mounting	Screw Mounting
Protection Rating	IP65
Application	Industrial Machine & Workstation Lighting

Mechanical Specifications

Parameter	Specification
Flexible Arm Length	550 mm
Arm Construction	Flexible Metal Gooseneck
Lamp Head	Aluminium
Mounting Method	Screw Mounting
Light Head Adjustment	Manual / Flexible
Installation	Machine / Equipment Mounted
Protection	IP65

The 550 mm flexible arm is designed to allow the lamp head to be positioned close to the machining, inspection or working area.

Electrical & Lighting Specifications

Parameter	Specification
Light Source	LED
Rated Power	3.5 W
Input Configuration	AC/DC
Illumination Type	Focused Spotlight
Beam Pattern	Narrow / Concentrated
Light Direction	Adjustable
LED Technology	Long-life, low-maintenance
Electrical Input Voltage	24vdc/220vac



Environmental Specifications

Parameter	Specification
Protection Rating	IP65
Industrial Use	Yes
Dust Protection	Yes
Water-Jet Protection	Yes
Application Environment	Industrial / Machine Tool
Operating Temperature	-25 to +70 Deg

IP65 protection makes the spotlight suitable for many machine-tool and industrial applications where protection against dust and water jets is required.

Flexible Gooseneck Design

The **550 mm flexible metal arm** provides precise positioning of the illumination point.

The operator can bend and position the gooseneck according to the machine configuration, allowing light to be directed toward:

- Cutting areas
 - Workpieces
 - Tooling areas
 - Maintenance locations
- Inspection points
 - Machine interiors
 - Assembly areas

Focused Industrial Illumination

The DISL spotlight uses a **focused/narrow-beam illumination pattern** rather than broad-area lighting.

This makes it particularly useful where concentrated illumination is required for:

Machining → Inspection → Assembly → Maintenance → Tooling

The focused beam helps illuminate the actual working point while maintaining a compact machine-lighting arrangement.

Installation

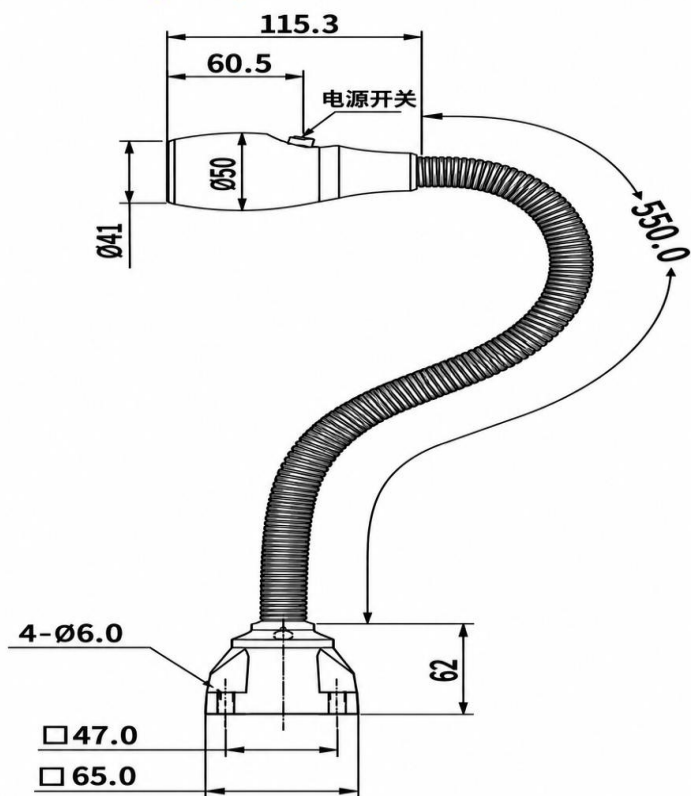
Screw-Mounted Configuration

The spotlight is designed for **screw mounting** directly onto suitable machinery, equipment or workstation structures.

The flexible arm can then be adjusted to position the LED lamp head at the required illumination angle.



Dimension (mm):



Advantages

Advantage	Benefit
550 mm Flexible Arm	Extended positioning range
3.5 W LED	Efficient localized illumination
Focused Beam	Concentrated light at the working point
Flexible Positioning	Easy manual adjustment
Aluminium Lamp Head	Robust industrial construction
IP65 Protection	Protection against dust and water jets
Screw Mounting	Simple machine integration
LED Technology	Long-life, low-maintenance lighting

Model Structure

DISL-550-3.5W-A/D

Code	Description
DISL	Denki Seigyo Industrial Spotlight Light
550	550 mm flexible gooseneck length
3.5W	LED power
A/D	AC/DC input



Applications

CNC Machine Tools

Localized illumination of cutting and machining areas.

CNC Lathes

Focused lighting for the tool and workpiece area.

Machining Centers

Illumination of machine interiors and work zones.

Drilling & Milling Machines

Clear visibility of tooling and workpieces.

Grinding Machines

Focused lighting for precision grinding operations.

EDM Machines

Localized illumination of machining and inspection areas.

Industrial Inspection Stations

Focused lighting for visual inspection.

Assembly Workstations

Adjustable illumination of assembly points.

Maintenance Areas

Flexible positioning for service and maintenance work.

Industrial Workbenches

Compact task lighting for precision operations.

Product Series

Model	Flexible Length	Power	Input
DISL-550-3.5W-A/D	550 mm	3.5 W	AC/DC



Product Summary

Feature	DISL-550-3.5W-A/D
Product	Flexible LED Industrial Spotlight
Flexible Arm	550 mm
LED Power	3.5 W
Input	AC/DC
Beam	Focused / Narrow
Lamp Head	Aluminium
Flexible Arm	Metal Gooseneck
Adjustment	Flexible / Manual
Mounting	Screw Mounting
Protection	IP65
Primary Use	Machine & Workstation Lighting
Suitable Equipment	CNC, Lathe, Milling, Grinding, EDM & Inspection Equipment

Short Description

DISL-550-3.5W-A/D delivers precise, focused illumination exactly where it is needed. With a 550 mm flexible gooseneck, rugged aluminium lamp head, 3.5 W LED source and IP65 industrial protection, it provides a compact and reliable lighting solution for CNC machines, machine tools, inspection stations and industrial work areas.

DENKI SEIGYO — Reliable Sensing. Smarter Automation.