

Versatile Functionality: Features spring return and is capable of multi-axis operation for comprehensive control.

Ideal for cranes, loaders, forklifts, excavators, access platforms, tractors, harvesters, and other heavy machinery.

Operating Temp :	-30°C to +70°C
Service Life:	3 M
Protection Level:	IP65
Operating Force:	5N
Resistance:	< 200Ω



Technical drawing of a 100W LED light fixture, showing front, side, and top views with dimensions.

Front View Dimensions:

- Total height: 173 ± 5
- Base height: 74 ± 3
- Base diameter: $\varnothing 61.5$

Side View Dimensions:

- Top diameter: $\varnothing 39.5$
- Top view angle: 20°

Top View Dimensions:

- Outer square dimensions: 79.5
- Inner circle diameter: $\varnothing 75$
- Mounting holes: $4 \times \varnothing 6.5$
- Mounting hole spacing: 61 ± 0.1
- Mounting hole diameter: 6.1 ± 0.1

Selection	Palm grips	Gate	Axis 1		Axis 2		Mounting	Contact arrangement
			Movement	Interface	Movement	Interface		
• SHD8B Palm Grips with signal buttonSHD8B • SHD8 Palm Grips SHD8 See more options in the grip sector								
• 1: X-Axis ↔ • 3: Cross gate ↕	• 2: Y-Axis ↓ • 4: All-direction ※							
• Z: Spring return								
• Voltage output DC24V V1: -10V~0~+10V V2: +10V~0~+10V V3: -5V~0~+5V V4: +5V~0~+5V	• Hall output DC5V HV1: 0-2.5-5V HV2: 0.5-2.5-4.5V HV3: 1.0-2.5-4.0V HV4: 1.25-2.5-3.75V	• CAN CAN 2.0 output CAN J1939 output CAN OPEN	• Current output DC24V I1: 4mA-12mA-20mA I2: 20mA-4mA-20mA					
• Z: Spring return								
• Voltage output DC24V V1: -10V~0~+10V V2: +10V~0~+10V V3: -5V~0~+5V V4: +5V~0~+5V	• Hall output DC5V HV1: 0-2.5-5V HV2: 0.5-2.5-4.5V HV3: 1.0-2.5-4.0V HV4: 1.25-2.5-3.75V	• CAN CAN 2.0 output CAN J1939 output CAN OPEN	• Current output DC24V I1: 4mA-12mA-20mA I2: 20mA-4mA-20mA					
• D:Dechi connector(CAN bus output only) • A:Terminal interface • L: Direct outgoing line								
• K1:  • K2: 								

SHD1	SHD4B	SHD8B	SHD8	SG13B	SB34	SG25	SUGN	SUGA
SG51	SB6	SG21	SG9	S9	S10	S12	S14	