

Specification

Product Name:

Installation Socket

Product Model:

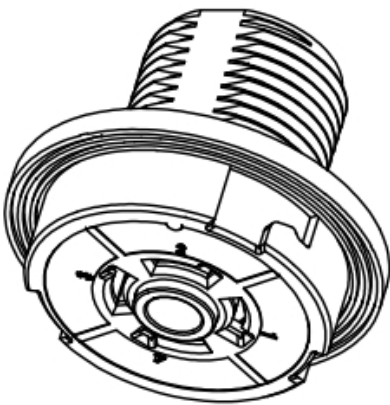
MC079D 99 Series Interface Installation Socket
zhaga Book18

Version	Date	Reasons	Publishing
V1.0	2023.11.27		James. Guo
V1.1	2024.01.24	Added 0-10V sensor wiring applications	James. Guo

Advantage:

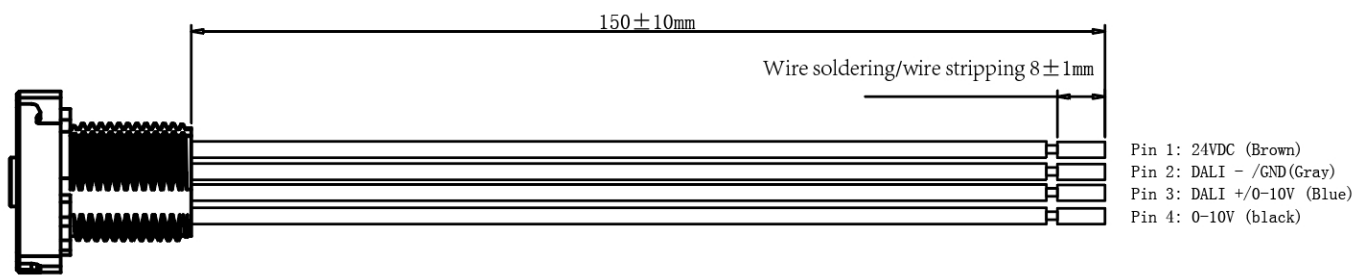
- It provide Zhaga Book 18 adjustment interface, to develop standard equipment for related lighting applications;
- It can realize robust twist-lock contacts for reliable power interconnection;
- DALI 2.0 protocol (pin2-3) wiring port can be provided to meet the 0-30V dimming function; DALI 2.0
- The light control base is assembled and fixed by a compression nut to facilitate integration into new or existing lighting applications;
- Cables suitable for lighting equipment with a rated temperature of 105° are available;
- The length of the wiring can be customized and produced according to customer requirements, making it easy to adapt to different lamps;
- The plastic material is V0 grade, anti-UV material, safe and reliable in application;

【Parameter features】

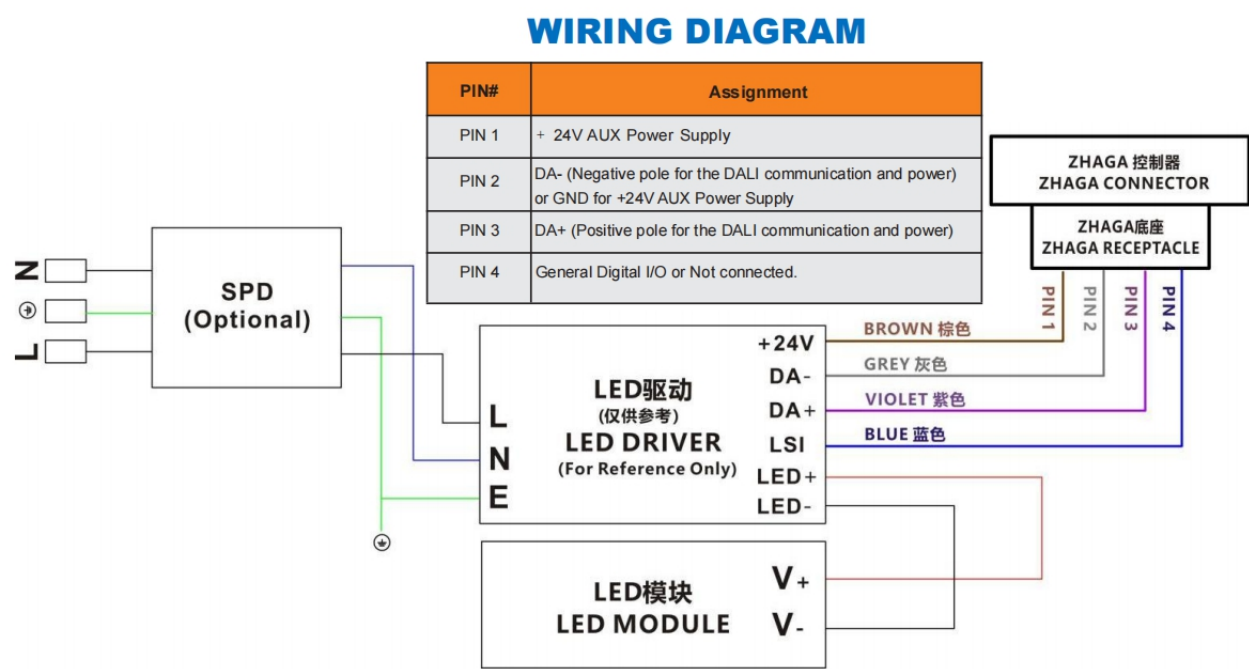
	Rated current(Ampere)	1.5A
	Rated voltage(Volts)	0-30Vdc
	Operating Frequency	50/60Hz
	Dielectric Strength	10KV (To mounting surface)
	IP classification	IP66
	Environment Temperature(°C)	-40 to 70
	Insulation material	PBT flame retardant VO
	Contact material (Terminal)	Phosphor copper plated with silver
	Environmental requirements	ROHS 2.0

Wire specifications and load applications:

Wiring Specification	Wiring Length (Customized)	Tail Processing (Customized)	Load Application	
UL 1015 18AWG	Pin 1: 150±10mm	Wire soldering/wire stripping 8±1mm	For DALI Sensor	For 0-10V Sensor
UL 1015 20AWG	Pin 2: 150±10mm Pin 3: 150±10mm		Pin 1: 24VDC (Brown) Pin 2: DALI - (Grey) Pin 3: DALI + (Blue) Pin 4: general I/O (Black)	Pin 1: 12VDC (Brown) Pin 2: GND (Grey) Pin 3: 0-10V (Blue) Pin 4: 0-10V (Black)
UL 1015 22AWG	Pin 4: 150±10mm			



Product wiring diagram:

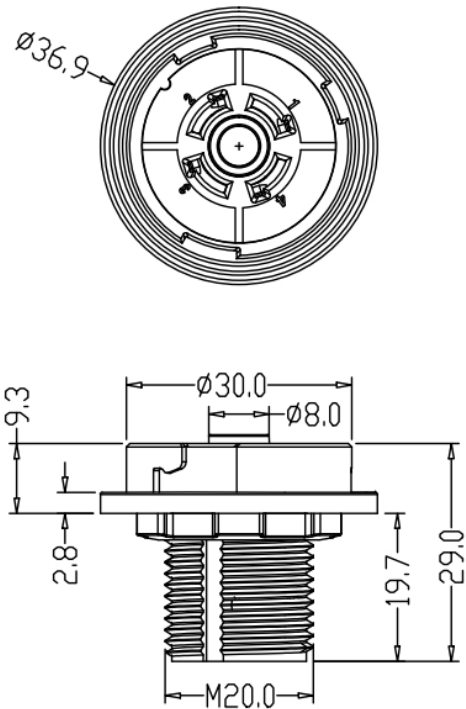


【Sketch map】

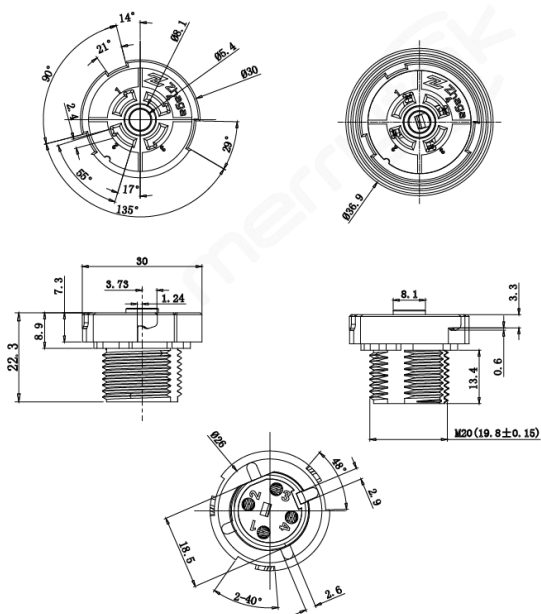
● Size (units: mm)

No dimensional tolerances are indicated			
Range of size	tolerances	Range of size	tolerances
0-3	±0.05	3-6	±0.07
6-30	±0.11	30-200	±0.21

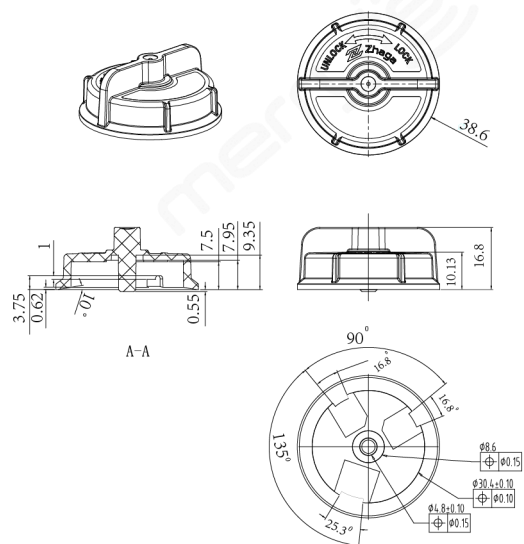
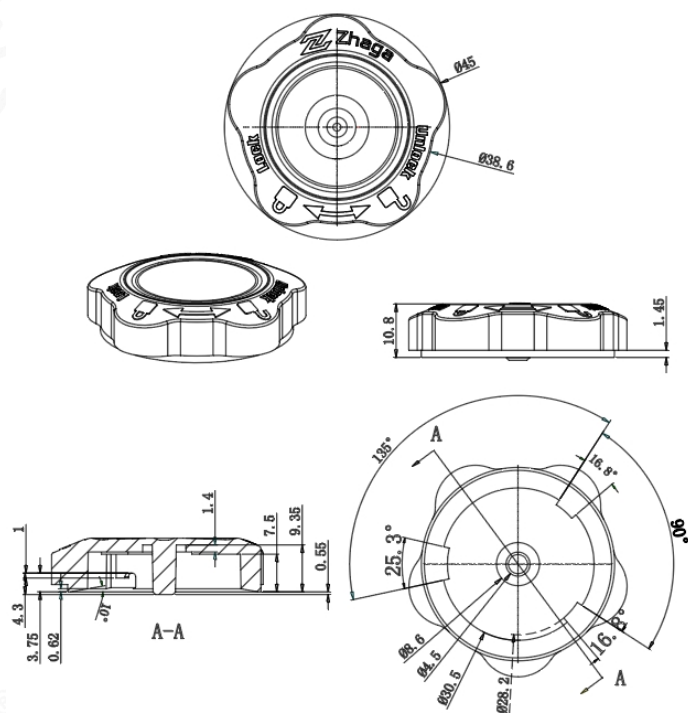
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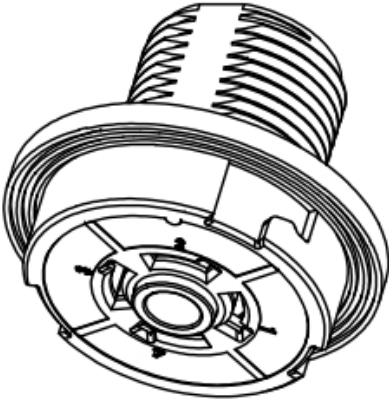
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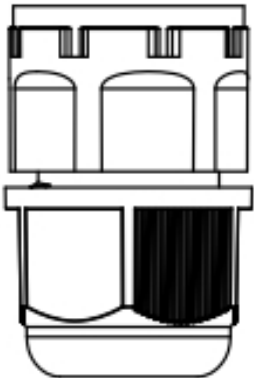
Material code: 1080070001005

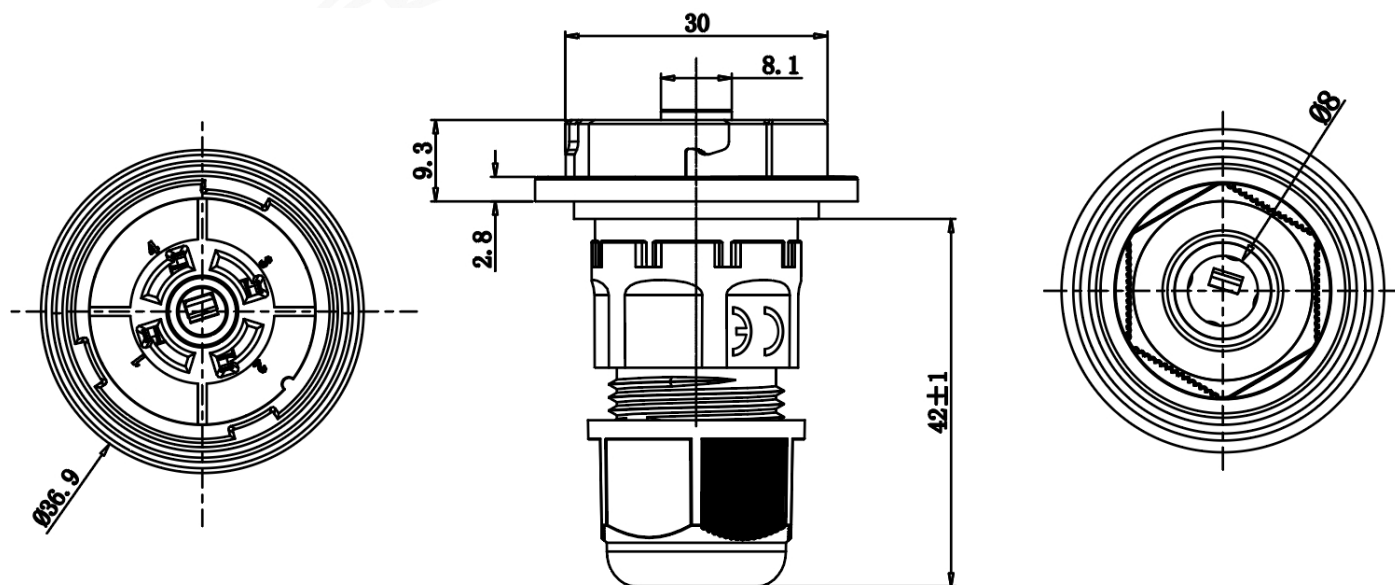


【Parameter features】

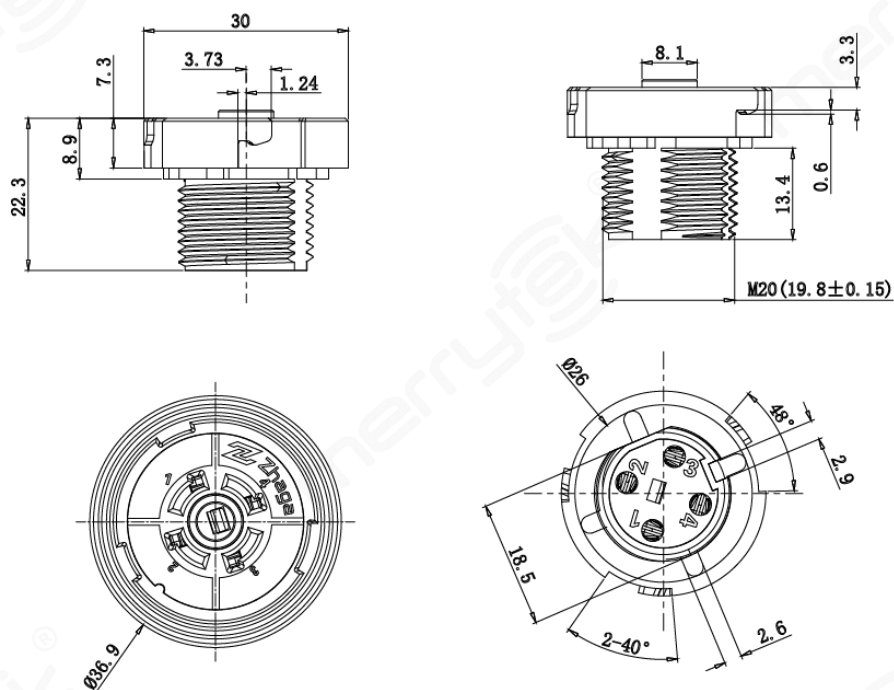
	Rated current(Amperes)	1.5A
	Rated voltage(Volts)	0-30Vdc
	Operating Frequency	50/60Hz
	Dielectric Strength	10KV (To mounting surface)
	IP classification	IP66
	Environment Temperature(℃)	-40 to 70
	Insulation material	PBT flame retardant VO
	Contact material (Terminal)	Phosphor copper plated with silver
	Environmental requirements	ROHS 2.0

zhaga-18 Parameter:

	Wiring capacity	Ø5-10mm
	Wiring capacity	0.5-2.5mm ²
	Dielectric Strength	2500V
	IP classification	IP68/4m/8h
	Environment Temperature(℃)	-40℃ to 105℃
	Insulation material	PA66flame retardantV0
	Environment Protections	ROHS 2.0

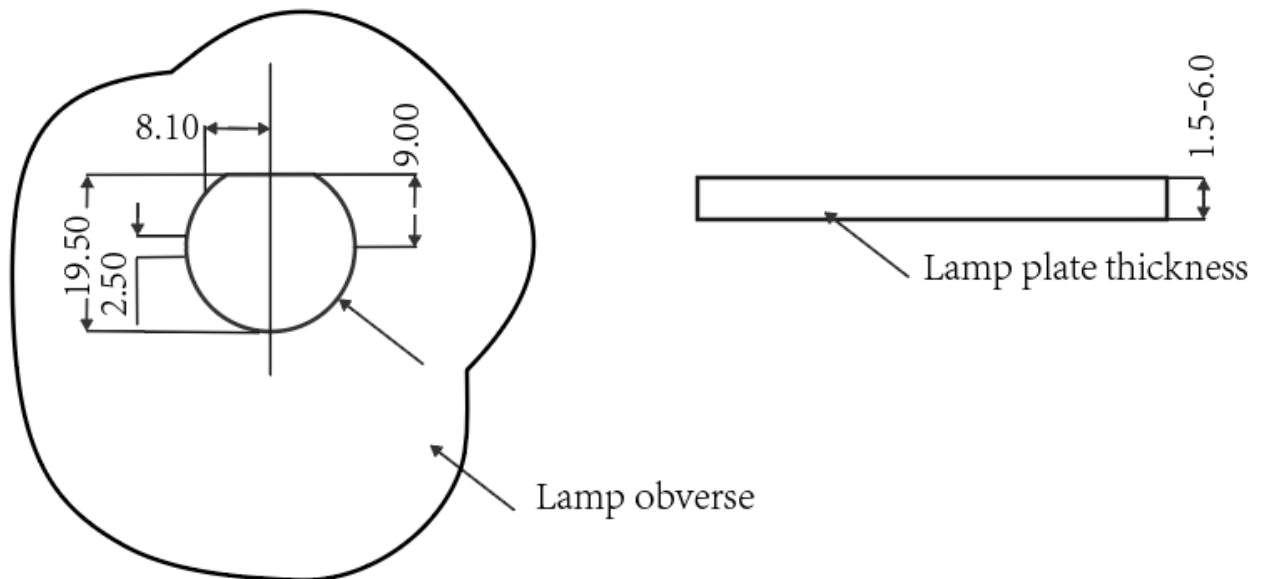


Material code: 1080070001004



Material code: 1080070001006

Installation opening diagram



【Matters attention】

Installation should be installed by professional electricians, please power off before installation, wiring, etc