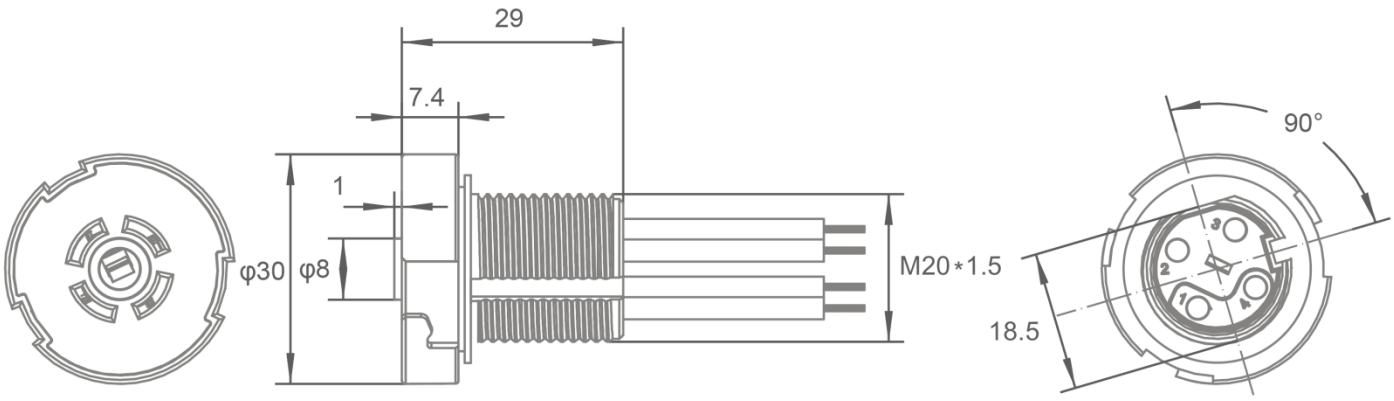
JL-700

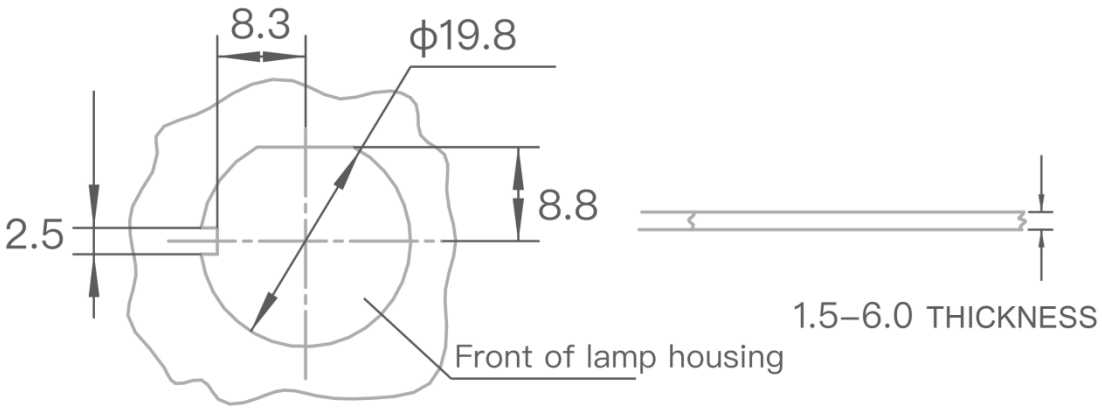
Zhaga Book-18 Receptacle (4P, LEX-R)

Product Summary

Jl-700 locking socket meets the requirements of Zhaga Book-18 standard interface (Z-LEX-R、Z-LEX-C) and has passed relevant certification, which is convenient for the development and installation of road lighting, regional lighting or commercial and residential lighting, such as street lights, industrial and mining lights, corridor lights, wall lights, etc.



Drilling plan



Features

- Standardized interface defined in Zhaga Book-18
- Compact size allowing greater flexibility in luminaire design
- Advanced sealing to achieve IP66 with no mounting screws
- Scalable solution allows use of Ø40mm photocell and Ø80mm LEX-M in a central management system with the same connection interface
- Flexible mounting position, upwards, downwards and sideways facing
- Integrated single gasket that seals to both luminaire and module that minimizes assembling time

Specifications

Model No.	JL-700
Related Humidity	96%
Ambient Temperature	-40°C ~ +70 °C
***Wires**	AWM1015, 20AWG, 12” (300mm)
IP	IP66
Certifications	

*Conductor specification: # 20 conductor has UL certification

Line color definition

* Default Version

- Port 1 (Brown): 24Vdc
- Port 2 (Gray): DALI (or DALI based protocol) – /common ground
- Port 3 (Blue): DALI (or DALI based protocol) +
- Port 4 (Black): General I/O

* Optional Version

- Port 1 (RED): Positive (+) pole of the 12 or 24 V power supply
- Port 2 (BLACK)

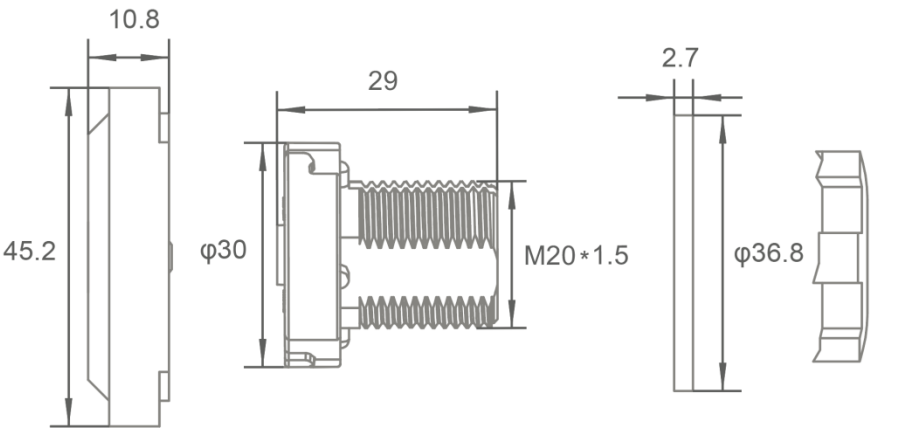
Negative (-) pole for the [DALI] protocol

Negative (-) pole for the 12 or 24V power supply (contact 1)

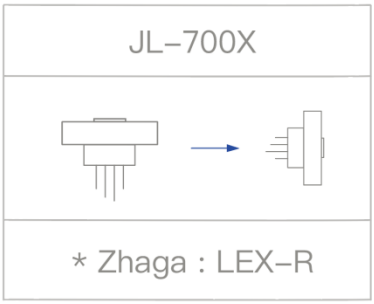
Ground for General Digital I/O (contact 4)

- Port 3 (VIOLET): Positive (+) pole for the [DALI] protocol
- Port 4 (YELLOW): General Digital I/O (greater than 7V)

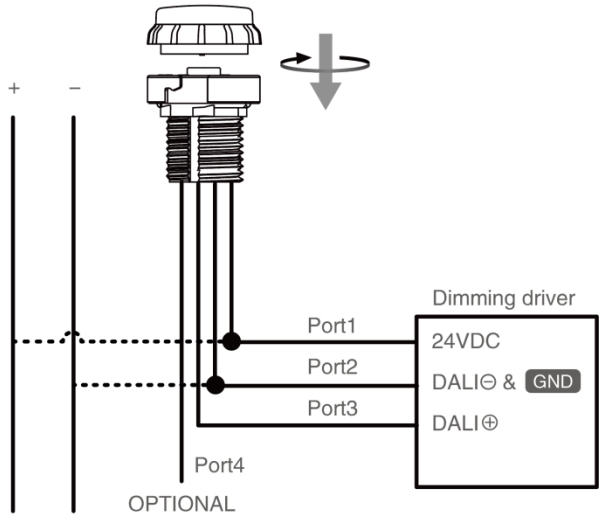
Product mix



■ RECEPTACLE & PROTECT CAP



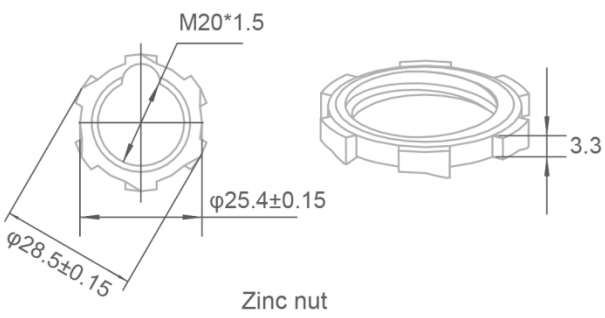
Wiring diagram



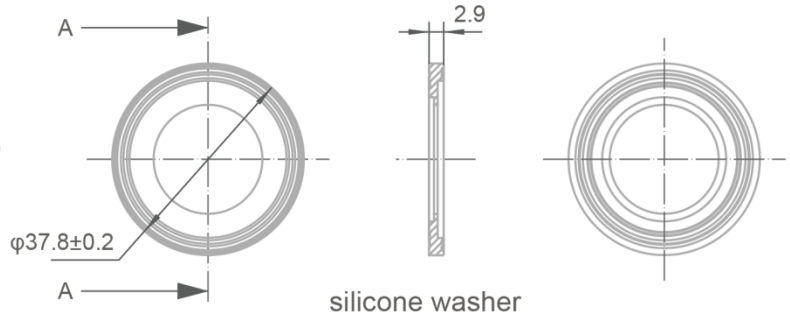
If the drive has no auxiliary power supply, an external power supply is required,It is recommended to use JL–710 built–in power socket

*If the light controller is a non–standard product, please define the specific wiring according to the light controller pin

Assemblies



Zinc nut



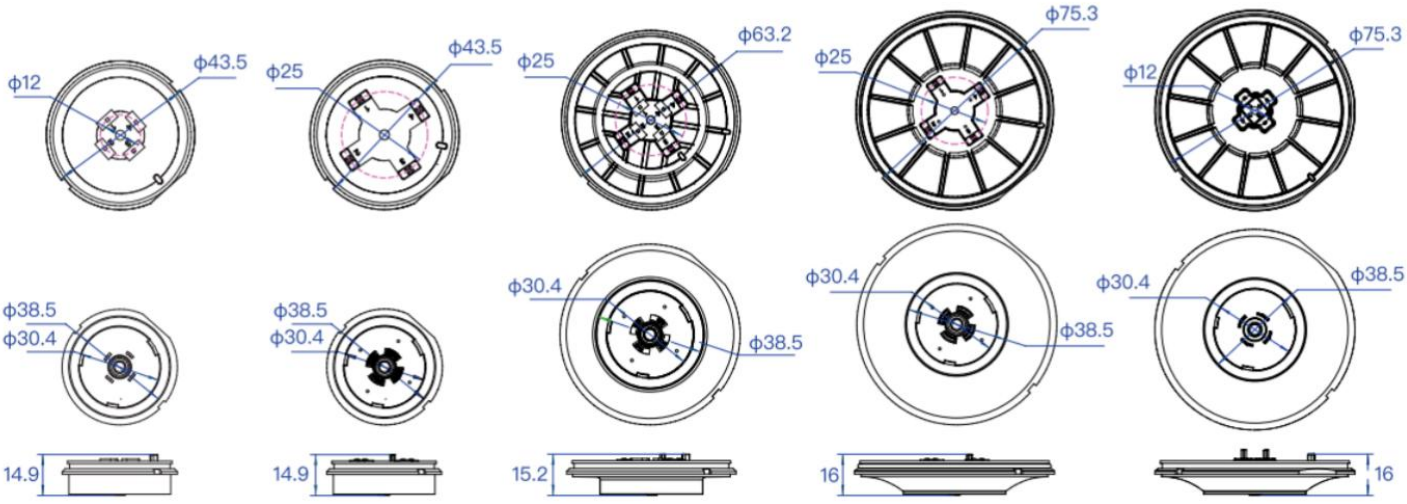
silicone washer

■ ZHAGA ASSEMBLIES

JL–701J	43.5mm, * Zhaga LEX–M Base	–2	20mm, 50.4mm	Color–code
		–3	35mm, 50.4mm	
JL–711J	43.5mm, * Zhaga LEX–M Base	–2	20mm, 50.4mm	
		–3	35mm, 50.4mm	

JL–731J	63.2mm, * Zhaga LEX–M Base	–5	50mm, 71.2mm	Color–code
JL–741J	75.3mm, * Zhaga LEX–M Base	–3	35mm, 80mm	
JL–742J	75.3mm, * Zhaga LEX–M Base	–5	50mm, 80mm	

● JL–701J ● JL–711J ● JL–731J ● JL–741J ● JL–742J



* Append color–code as follow table

Red	Orange	Yellow	Green	Brown	Blue	Violet	Black	White	Gray	Maroon	Clear
A	B	C	D	E	F	G	H	J	K	L	W