JL–700

ZHAGA BOOK–18 RECEPTACLE (4P, LEX–R)

PRODUCT SUMMARY

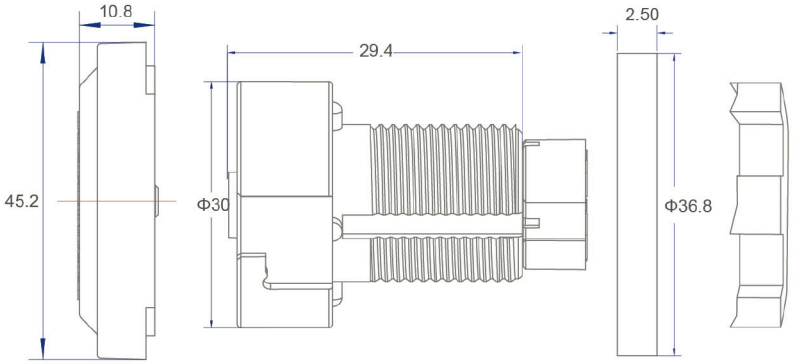
The JL-700 receptacle and accessories, offer a Zhaga Book 18 regulated interface for easier way to develop standard devices used for roadway lighting , area lighting, or occupancy lighting, etc.
These devices can be offered in DALI 2.0 protocol (Pin 2-3) or 0-10V dimming (per request) features, based on fixture arrangement.

BENEFITS

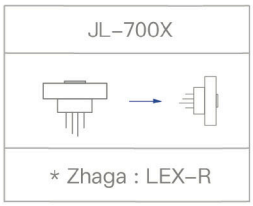
- Standardized interface defined in Zhaga Book 18
- Compact size allowing greater flexibility in luminaire design
- Advanced sealing to achieve IP66 with no mounting screws
- Scalable solution allows use of Ø40mm photocell and Ø80mm LEX-M in a central management system with the same connection interface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

APPLICATIONS

- Street and Area Lighting
- Outdoor Luminaires - Wall Packs - Parking Lots - Walkways
- Photo Controls
- Central Management System
- Other sensor modules e.g. occupancy, remote



■ RECEPTACLE & PROTECT CAP



FEATURES

- Contacts rating: 1.5A, 30Vdc (24V typical)
- Meets 10kV common mode surge test
- Hot pluggable capable
- 4 pole contacts
- Rated impulse voltage: 0.8kV
- Pollution degree:2
- Range of temperature: -40 to 70°C
- Main power supply is off before installing a fixture

* 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

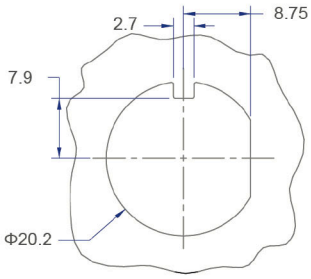
* Optional Version
- Port 1 (RED): Positive (+) pole of the 24 V power supply
- Port 2 （BLACK）
- Negative (-) pole for the [DALI] protocol
- Negative (-) pole for the 24V power supply (contact 1)
- Ground for General Digital I/O (contact 4)
- Port 3 (VIOLET): Positive(+) pole for the [DALI] protocolt
- Port 4 (YELLOW): General Digital I/O (greater than 7V)

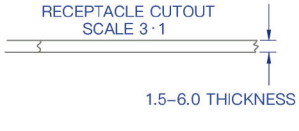
SPECIFICATIONS

Model No.	JL-700
Related Humidity	96%
Ambient Temperature	-40°C ~ +70°C
Wires	AWM1015, 20AWG, 6"(120mm)
IP	IP66
Certifications	

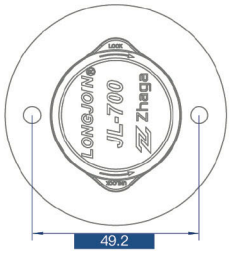
DRILLING PLAN

Note: The hole is a special-shaped hole, which can not be applied to all lamps and lanterns.

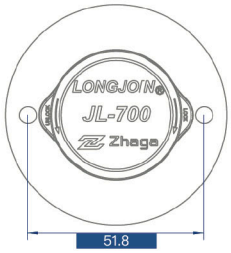


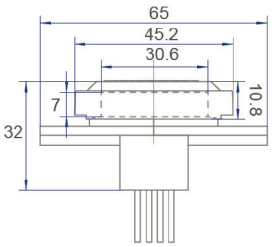


JL-700K4



JL-700K5





* The Zhaga receptacle to be enabled installed onto a NEMA opening.

■ ZHAGA LEX-M ASSEMBLIES

JL-701J	43.5mm * Zhaga LEX-M Base	-2	20mm, 49.4mm	Color-code
		-3	35mm, 50.4mm	
JL-711J	43.5mm * Zhaga LEX-M Base	-2	20mm, 49.4mm	
		-3	35mm, 50.4mm	

JL-731J JL-732J	63.2mm * Zhaga LEX-M Base	-5	50mm, 70.4mm	Color-code
JL-741J	75.3mm * Zhaga LEX-M Base	-3	35mm, 80mm	
JL-742J	75.3mm * Zhaga LEX-M Base	-5	50mm, 80.7mm	

- JL-701J
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- JL-732J
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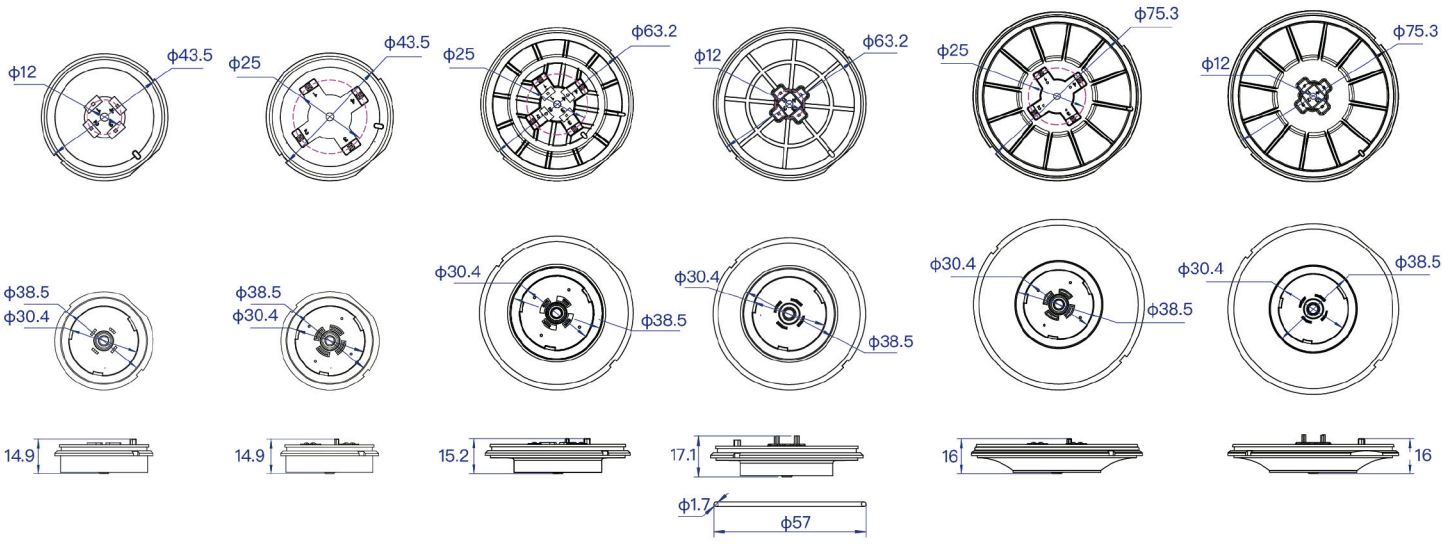
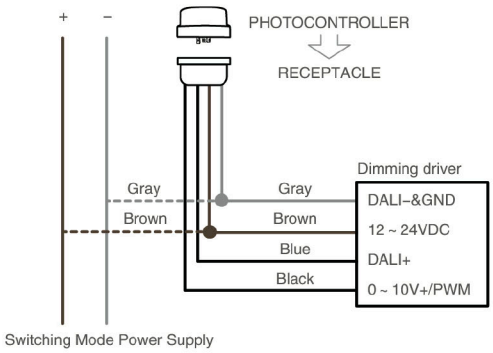


* Append color-code as follow table

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

INSTALLATION



ORDERING INFORMATION

JL–700 A X 20 C 06 K4

JL–700 [A] – [X] – [20] – [C] – [06] – [K4]

A = U.S. wiring is optional
null = European wiring

X = optional without protective cover
null = protective cover

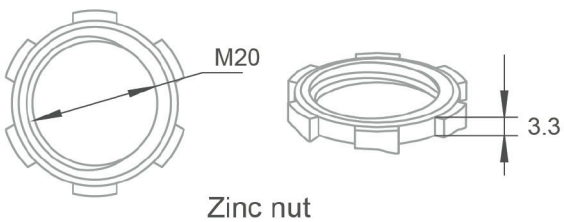
Power Lead Rating
20 = 20 AWG, 105°C rated
20G = 20 AWG 150 °C rated
22 = 22 AWG, 105°C rated

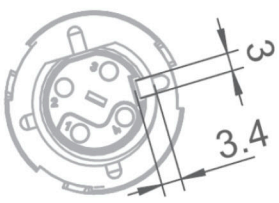
C = Outdoor wiring cable
null = Appliance wiring wire

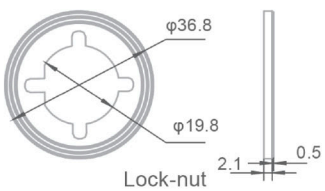
Lead Length
06= 6" (Customizable, 06 Min.)

Hole spacing of adapter plate
K4 = 49.2mm
K5 = 51.8mm
null= without adapter plate

ASSEMBLIES







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