

Zhaga Receptacle

Zhaga Receptacle adopts the standardized interface defined in Zhaga Book 18, which is specially designed for LED light sources and actuators in outdoor lamps. Zhaga Receptacle includes receptacle assembly, sealing cap and two bases with dimensions of 40mm and 80mm, which can provide complete electrical connection between the receptacle and the related sensor module. The receptacle assembly is used in combination with the sensors and actuators, which can be inserted into the rotary lock and pluggable sensor module. It can also provide DC power supply for the module, and can provide DALI 2.0 or derived two-conductor line bus for communication and data transmission. The product adopts compact design, which makes it easy to install the sensor module upwards, sideways or downwards on road, street and area lighting fixtures.



Application

Street and Area Lighting
Outdoor Luminaires

- Wall Packs
- Parking Lots
- Walkways

Photo Controls
Central Management System
Other sensor modules

Electrical

Contacts rating: 1.5A, 30V (24V typical)
Hot pluggable capable
4 pole contacts

- Pin 1: 24Vdc
- Pin 2: DALI (or DALI based protocol) -/common ground
- Pin 3: DALI (or DALI based protocol) +
- Pin 4: General I/O

Mechanical

Mounting: M20×1.5 thread
Receptacle: Ø30mm
Gasket: Ø36.5mm
Thread length: 17mm
IP65
IK09 rated system solution

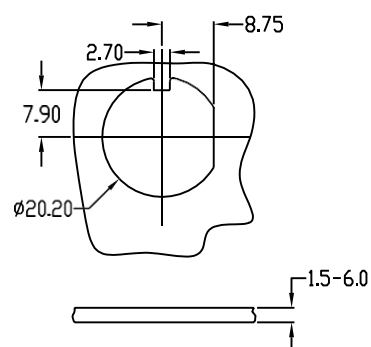
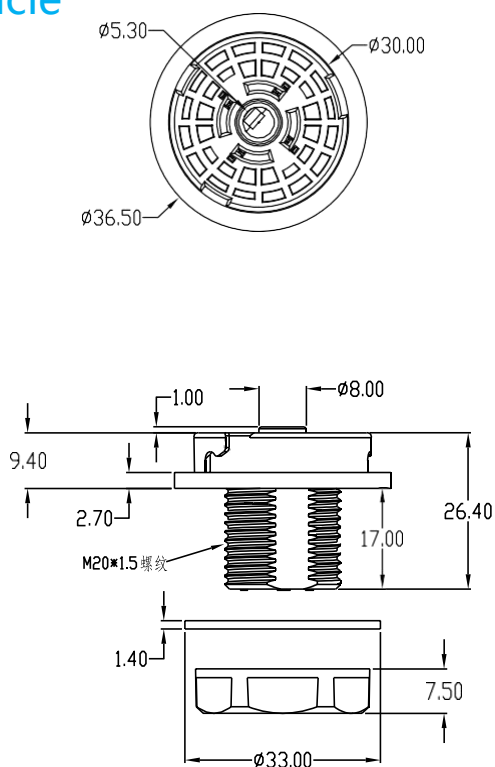
Benefits

- Standardized interface defined in Zhaga Book 18.
- Compact size allowing greater flexibility in luminaire design.
- Advanced sealing to achieve IP65 with no mounting screws.
- Scalable solution allows use of Ø40mm photocell and a Ø80mm 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 assembly time.

Product Information

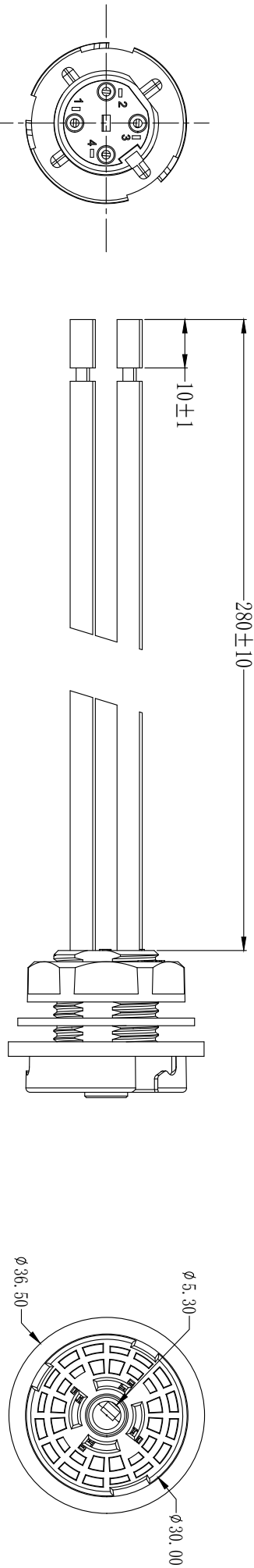
Product Image	Product Description	Product Image	Product Description
	Receptacle		40mm Dome(low)
	Sealing Cap		40mm Dome(tall)
	40mm Base		80mm Dome(low)
	80mm Base		80mm Dome(tall)

Receptacle



No.	Description	Drawn	Date	Ver

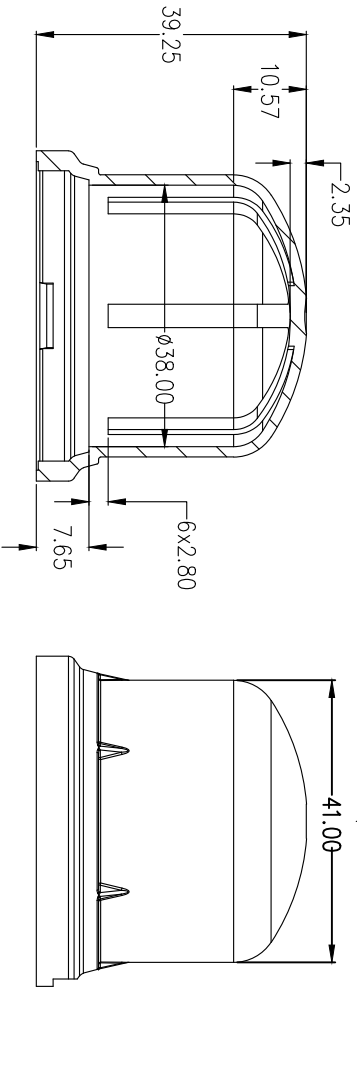
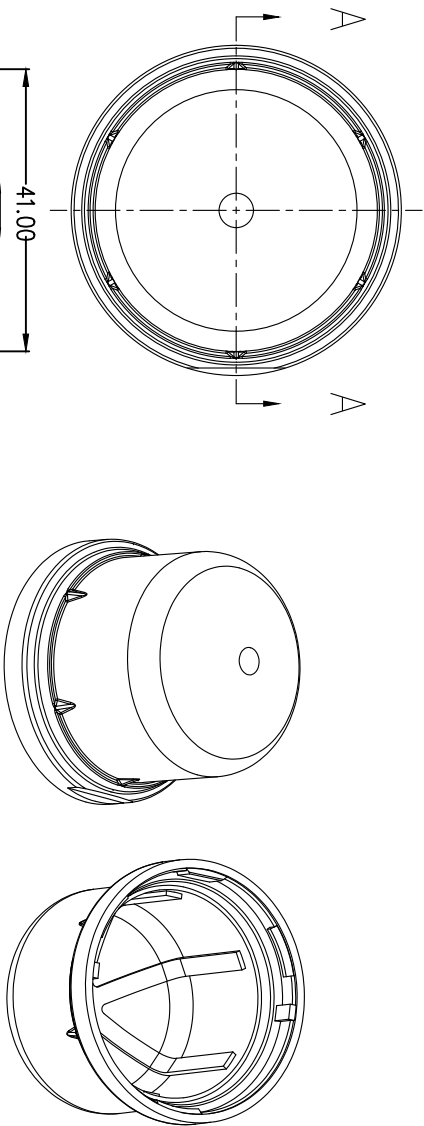
- State:
1. Materail and color:
Socket shell: PBT+GF, BLACK, UV-resist, UL94V-0
Nut: PA66
Star type gasket: Stainless steel
Waterproof gasket: Silicone
Contact terminal: Phosphor copper (Nickel plated)
2. Wire Spec: UL1015 VW-1 105°C 600V 18AWG Brown/Gray/Blue/Black



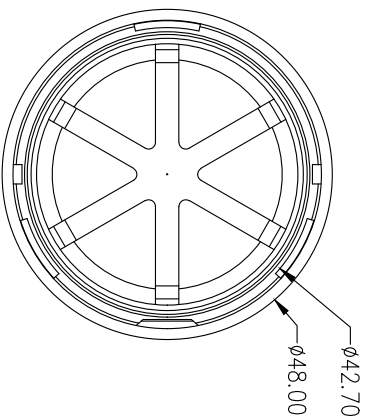
Connection hole position:
1-Brown
2-Gray
3-Blue
4-Black

Linoyo Linoyo Electronics Technology CO., Ltd					
Tolerance: x:±0.1 .xx:±0.05 .xxx:±0.02	Drawing	Xieljiewei	2024-11-17	Ver	V0
	Check			Angle	
	Approve			Drawing NO.	
	Scale	1:1	Spec	Zhago Receptacle	Unit mm

6		7	8	
No.	Description	Drawn	Date	Ver
A				



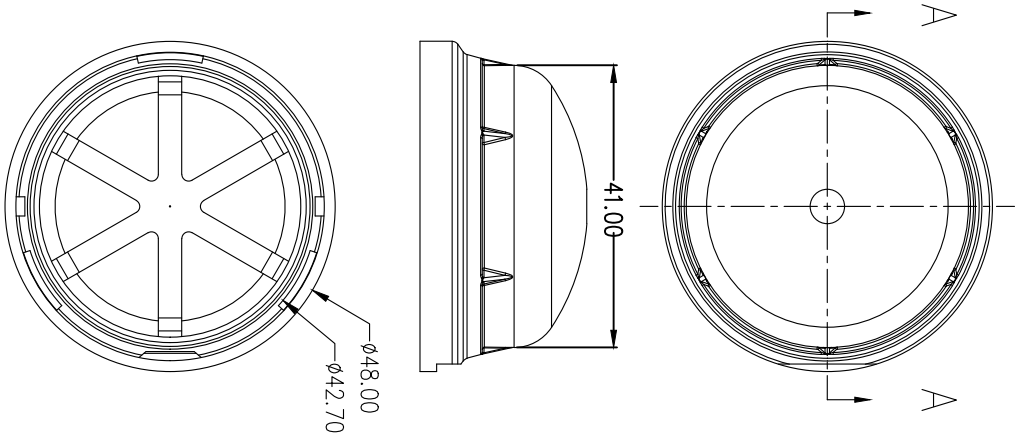
截面 A-A



- Technical requirements:
1. Material and color: PC, anti-UV, grey translucent
 2. The inside and outside surface of the product is smooth, no shrinkage, deformation, damage, bad tip and so on, and the oblique top mark is not obvious
 3. Unmarked tolerance: ± 0.1

Linoyo Linoyo Electronics Technology CO., Ltd					
	Drawing	Xieljiewei	2024-11-17	Ver	V0
Tolerance: .XX:±0.05 .XXX:±0.02	Check			Angle	
	Approve			Drawing NO.	
	Scale	1:1	Spec	40mm D0NE(alt1)	Unit mm

6		7	8	
No.	Description	Drawn	Date	Ver
A				

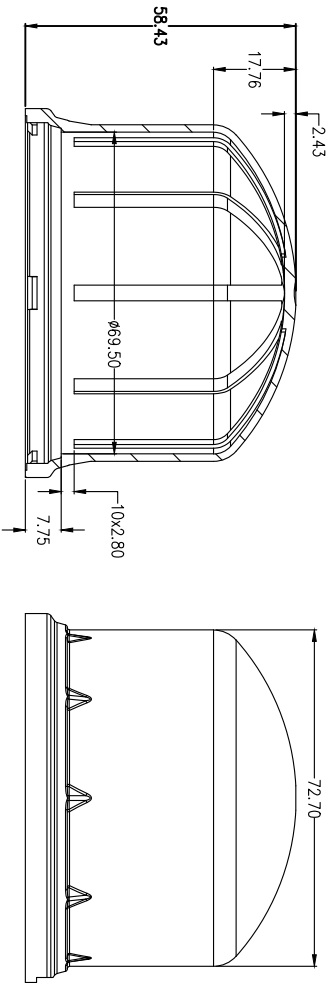
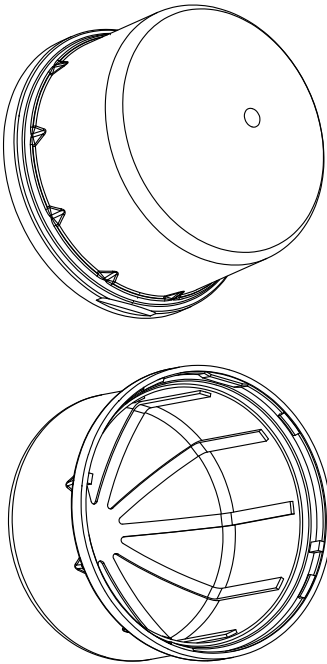
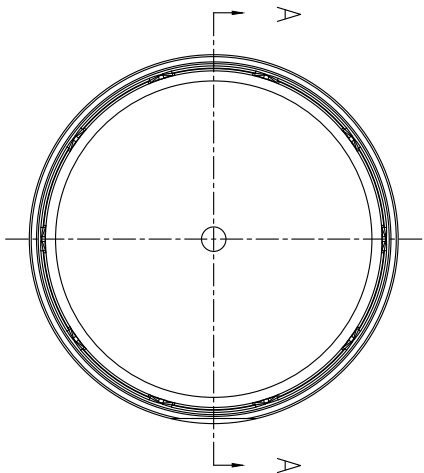


Technical requirements:

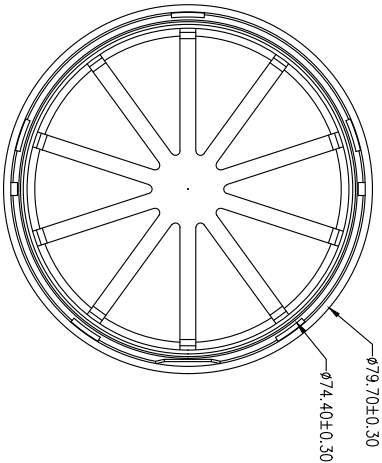
1. Material and color: PC, anti-UV, grey translucent
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Linoyo Linoyo Electronics Technology CO., Ltd					
	Drawing	Xiejiawei	2024-11-17	Ver	V0
Tolerance: X:±0.1 .XX:±0.05 .XXX:±0.02	Check			Angle	
	Approve			Drawing NO.	
	Scale	1:1	Spec	40mm DONE(100%)	Unit mm

6		7	8	
No.	Description	Drawn	Date	Ver



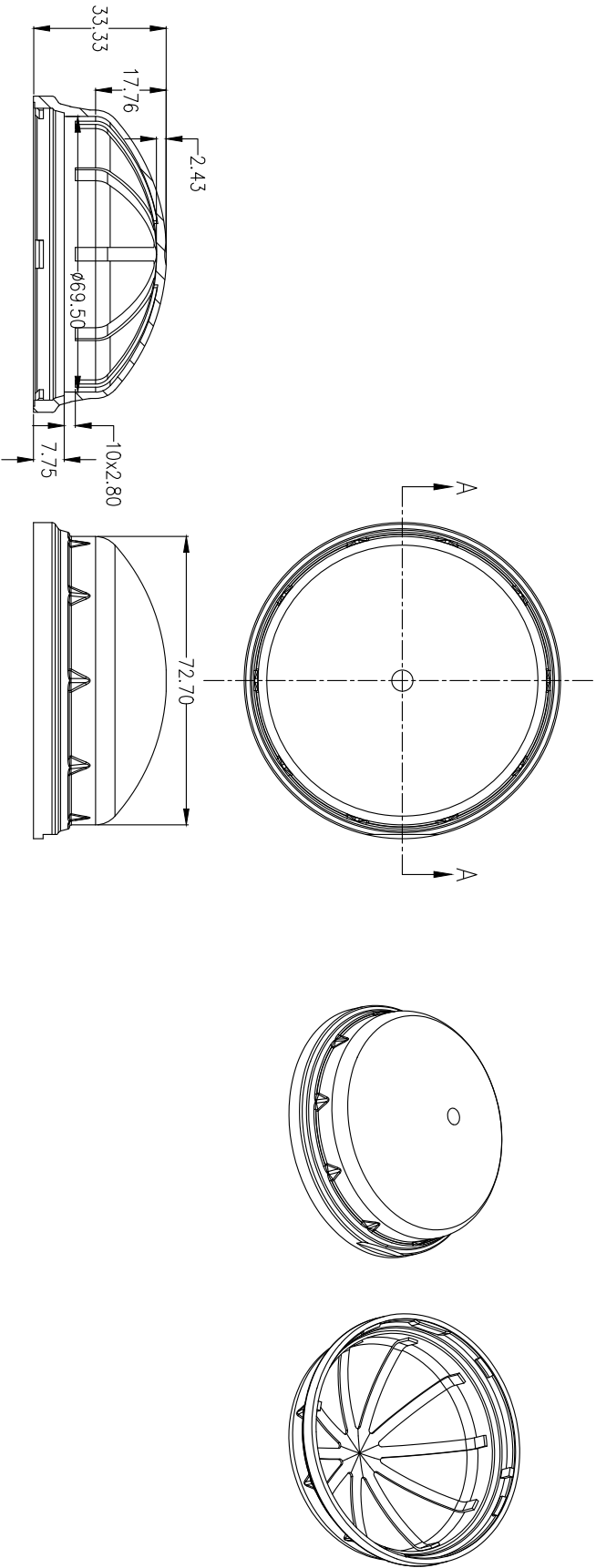
截面 A-A



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Linoyo Linoyo Electronics Technology CO., Ltd					
Tolerance: X:±0.1 .XX:±0.05 .XXX:±0.02	Drawing	XieJiwei	2024-011-17	Ver	V0
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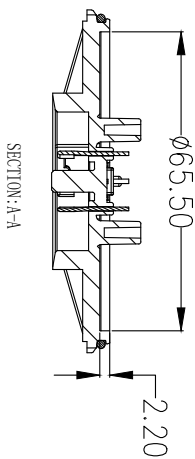
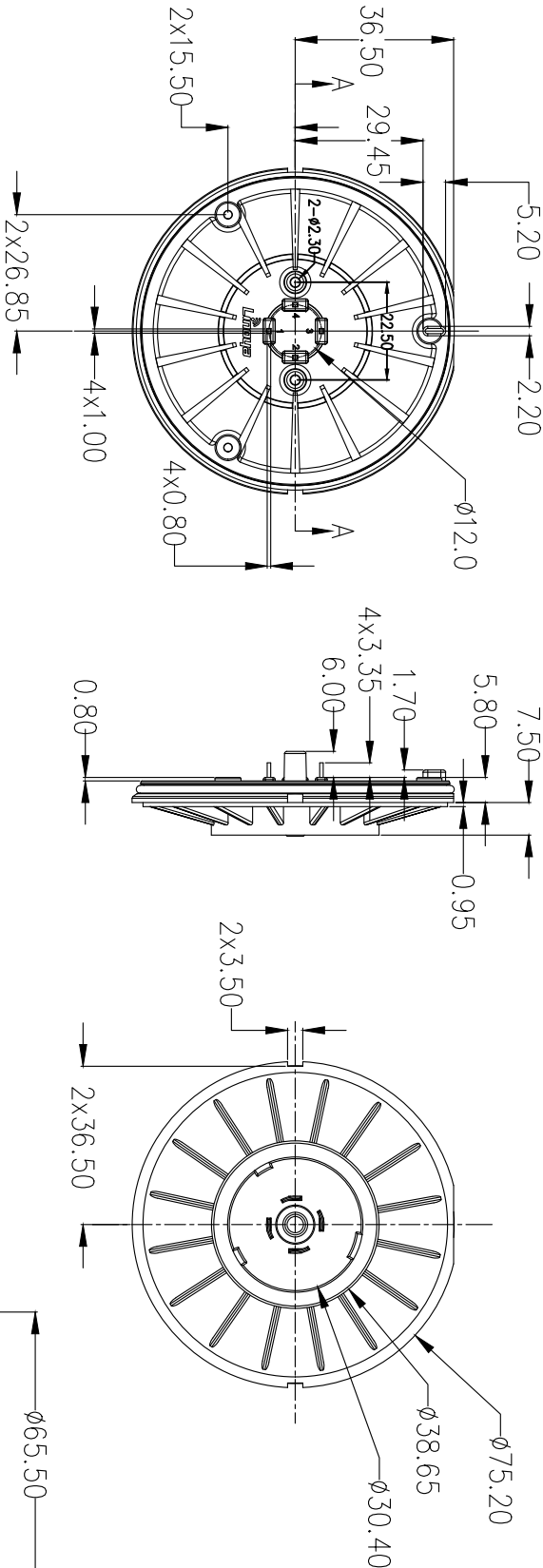
6		7		8	
No.	Description	Drawn	Date	Ver	



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Linoyo Linoyo Electronics Technology CO., Ltd					
Tolerance: X:±0.1 .XX:±0.05 .XXX:±0.02	Drawing	Xieljiewei	2024-11-17	Ver	V0
	Check			Angle	
	Approve			Drawing NO.	
	Scale	1:1	Spec	80mm DONE(100%)	Unit mm

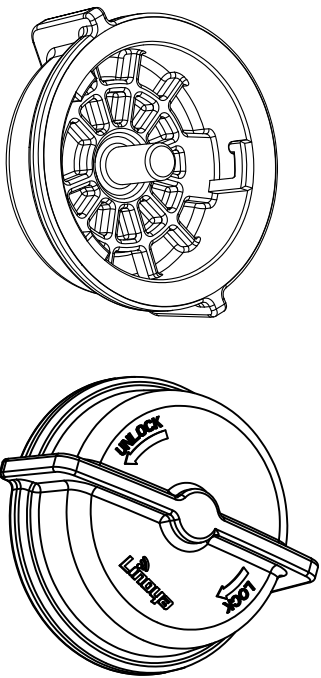
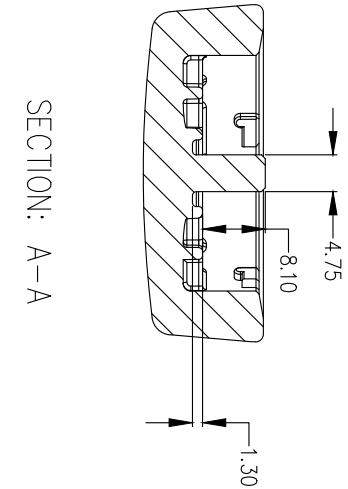
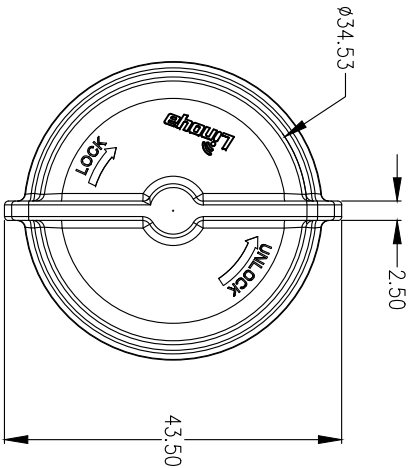
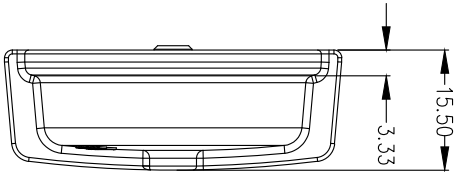
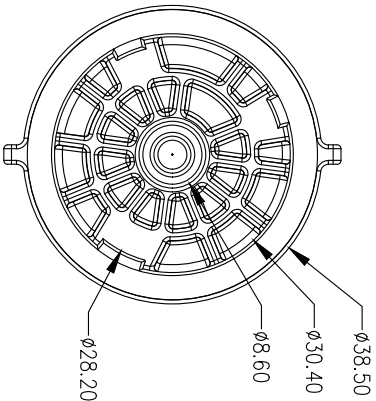
No.	Description	Drawn	Date	Ver



Note:
1. Material and color:
Plastic bottom cover: PBT UV resistant, grey;
Terminal: phosphor copper, nickel-tin plated
surface;
2. Unmarked tolerance: ± 0.1 .

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Drawing	XieJiwei	2024-11-17	Ver	V0
Check			Angle	
Approve			Drawing NO.	
Tolerance: .XX: ± 0.05 .XXX: ± 0.02	Scale	1:1	Spec	80MM BASE Unit mm

No.	Description	Drawn	Date	Ver



Note:
1. Material and color:
Plastic bottom cover: PBT UV resistant, grey;
Terminal:
2. Unmarked tolerance: ± 0.1 .

Linoyo Linoyo Electronics Technology CO., Ltd					
Drawing	XieJiawei	2024-11-17	Ver	V0	
Check			Angle		
Approve			Drawing NO.		
Scale	1:1	Spec	Sealing Cap	Unit	mm
Tolerance: x:±0.1 .xx:±0.05 .xxx:±0.02					