

Product features

- DALI-2 certified input device
- Monitoring of ambient light and movement detection
- Rotatable shutter for preventing motion detection in one direction
- Compact sensor that can be integrated into luminaries
- The sensor is powered by DALI bus power
- Conforms to Zhaga Book 20 standards
- Mounting height up to 3.5 meters



Product specifications

111165 IC-S506-PL-DA-LW

Input voltage	Maximum current	Angle for presence detection	Dimension L x W x H
9.5...22.5 Vdc	6 mA	90°	1.58 x 0.65 x 1.14 in (40.3 x 16.7 x 29.0 mm)

Technical specifications

Electrical parameter

Operating voltage	9.5...22.5 Vdc
Maximum current	6 mA
Power supply type	DALI Bus

Sensor specifications

PIR axial distance (mounting height)	Max 3.5 m
PIR axial coverage angle	90°
PIR tangential coverage angle	360°
Ambient light sensor detection range	2...1000 lux (Direct lighting)
Detection angle (light sensor)	60°

Indication

Green LED	Occupancy indication, Motion sensitivity indication
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Control

Control Mode	DALI
Type of installation	Luminaire integration

Environmental specifications

Operating temperature	-20...+50°C
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Storage temperature	-20...+70°C
Working humidity	10%...90%
Store humidity	5%...95%

Certificates & standards

Certification	CE, UKCA
Type of protection	IP20

Dimensions

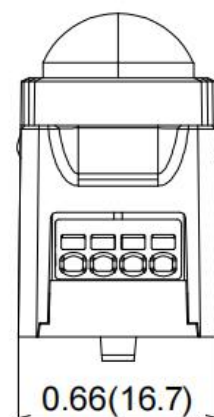
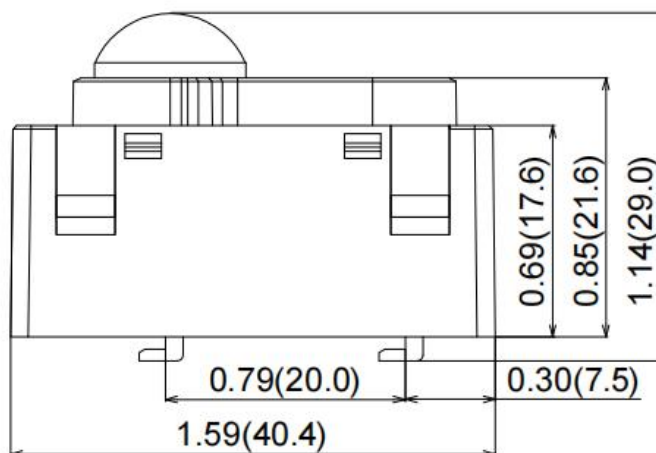
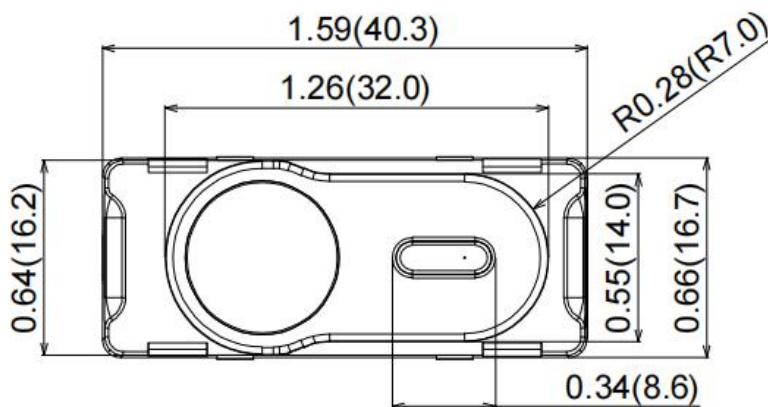
Housing dimensions

Length(L)	1.59 in (40.3 mm)
Width(W)	0.66 in (16.7 mm)
Height (H)	1.14 in (29.0 mm)

For all dimensions: values in in/mm; tolerances: ± 0.5 mm

Packaging details

Packing units	50 pcs
Carton size	8.74 in $\times$ 8.74 in $\times$ 6.41 in (222 mm $\times$ 222 mm $\times$ 163 mm)
Carton weight	1.25 kg
Product weight	0.017 kg



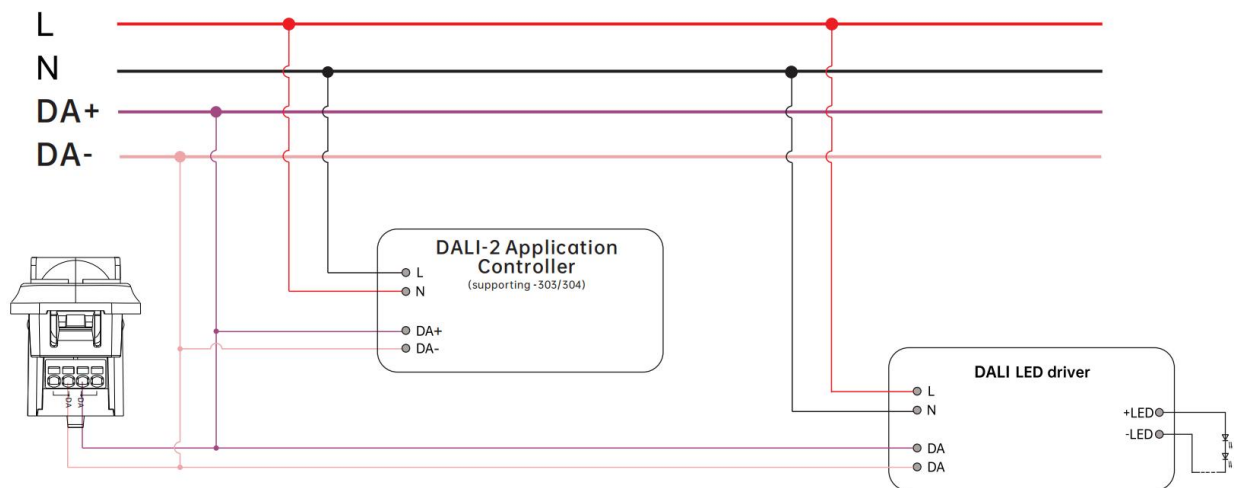
Accessories (optional)

Optional accessories are available for compatibility with different installations



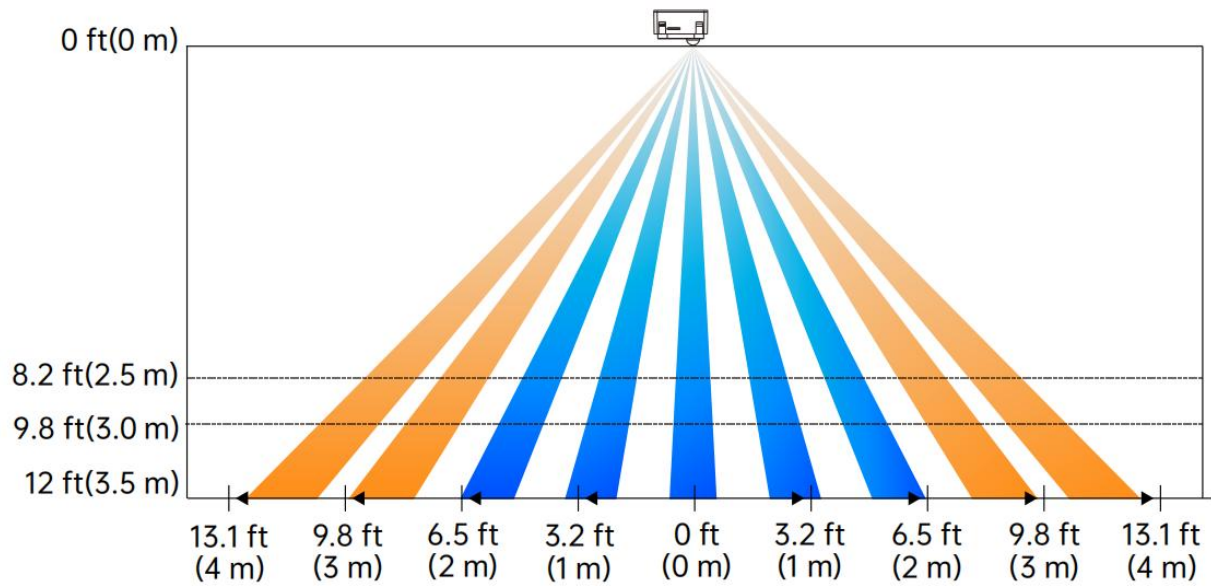
XZ-S506-R44-W		XZ-S506-RC-W	
White		White	
Art	169450	Art	169443
Dimensions (L × W × H)		Dimensions (Φ× H)	
56.7 × 22.6 × 12.8mm		60 × 27mm	

Applicable Wiring Diagram



Coverage

Installation height	Coverage radius on the ground
8.2 ft (2.5 m)	8.2 ft (2.5 m)
9.8 ft (3 m)	9.8 ft (3 m)
11.5 ft (3.5 m)	11.5 ft (3.5 m)



Coverage View