

ZHL16 Acrylic

(includes former ZXL16-H-ACRY and ZXL16-H-NF-ACRY models)

HANGING & CATENARY | ZH16 Series | DIA 2.25"

5 - 10W | 12V | HK LED, Amber, RGB



Standard Acrylic Hanging LED Light: ZHL16-0R1SA1 in Black



Finned Acrylic Hanging LED Light: ZHL16-0R1FA1 in Bronze

FEATURES

- Elegant and versatile hanging light with acrylic hood, perfect for architectural outdoor and landscape lighting environments.
- 5W, 7W or 10W integrated HK LED. 2200-4000K CCT, including specialty Amber and RGB options.
- Wet Location Listed, IP65 Standard.
- Fixture body is machined from solid aircraft grade (6061-T6), corrosion-resistant aluminum, then anodized and powder coated to create a highly durable, marine grade finish. Also available in solid brass or stainless steel.
- Elegant brushed acrylic hood with diffuse sidewalls and either diffuse or polished end.
- Modular components, field changeable LED.
- Hanging light ships standard with 60" power cable or can be ordered in any custom length. Power cord can easily affix to tree branches or beams or installed with coordinating canopy plate.
- Every fixture tested end of line for water tightness and light quality.
- Readymade eligible configurations ship in 2 to 4 weeks, complete with selected accessories installed

SPECIFICATIONS

Materials

BODY: Machined from billet 6061-T6 corrosion resistant aluminum with 304 stainless steel hardware. Available in 304/316 stainless steel or 360 brass upon request.

HOOD: Brushed acrylic rod with diffuse sidewalls and either diffuse or polished end.

Finish

Aluminum materials are first anodized and then powder coated for a robust, marine grade finish. Stainless steel and brass models are provided with brushed surface.

Fixture Weight

2 lbs.

Voltage

12V AC/DC. Requires remote step down transformer.

Wattage

5, 7 or 10W HK LED.

Light Engine

Innovative HK LED Light module operates like a lamp and can be easily changed in the field. CRI 90 Standard. Available in CRI 80 or CRI 95 upon request. Standard CCT options are 2700K, 3000K, 3500K, 4000K. Specialty 2200K, 2400K, 2500K, Amber, and RGB options available. Consult factory for specialty LED specification details.

Dimming

MLV or ELV Phase Control dimming.

Optics

Accepts optical accessories (dichroic color filters). Secured in place with metal snap ring.

Mounting

Mounts to tree branches or wood beams using screw-mount cable ties or select coordinating canopy plate surface/box for pendant application. Standard fixture ships with 60" 18/2 SJTW power cable. Custom hanging lengths also available.

ORDERING GUIDE

EXAMPLE: ZHL16-0R1SA1-ABL-012V05W-27-06-60-DCF-CM1-ABL

MODEL	PHYSICAL OPTIONS			MATERIAL/FINISH		POWER	LIGHT	ACRYLIC	WIRE LEAD	
ZHL16	OR1					012V				
ZH16 Series 2.25" Hanging Light Integrated HK LED Acrylic Hood	TYPE	BODY	HOOD		ABL Aluminum Black	VOLTAGE	WATTAGE	CCT	LENGTH	LENGTH
	OR1 Low Voltage, Round Single Light	S Standard F Finned	A1 Acrylic Style (side wall diffuse, end polished)	A2 Acrylic Style (side wall and end diffuse)	ABR Aluminum Bronze	012V 12V AC	05W 5 Watts 07W 7 Watts 10W 10 Watts SPW Specialty ²	22 2200K 24 2400K 25 2500K 27 2700K 30 3000K 35 3500K 40 4000K AM Amber ² RG RGB ²	06 6" 04 4" 02 2" XX Custom ³	60 60" XX Custom ³
			AC Acrylic Style, Custom Finish		AWH Aluminum White					
					AAC Aluminum Anodized Clear ¹					
					NBR Natural Brass ¹					
					NCU Natural Copper ¹					
					NSS Natural Stainless Steel ¹					
					CCC Custom Finish ¹					

Readymade eligible configurations ship in 2 to 4 weeks.

¹ For premium materials, please consult the factory for current lead times and pricing. A minimum order quantity of 10 units is required.

² For Specialty AM (Amber LED) and RG (RGB LED), select SPW (Specialty) for Wattage. Consult factory for LED technical details before Specification or Order.

³ Custom length, include your desired length in inches.

OPTIONAL INSTALLED ACCESSORIES

OPTIC	MOUNTING (Most common listed, see Page 4 for additional options)
DCF Dichroic Filter	CANOPY MOUNT
	CM1-XXX 3.75" Square Canopy Plate
	CM3-XXX 4.75" Square Canopy Plate
	CM5-XXX 5" Round Canopy Plate
	CM5-2-XXX 5" Round Canopy Plate - Double
	SURFACE MOUNT
	CMLJ-XXX 2.7" Round Surface Box
	CB4.0-XXX 4" Round Surface Box
	CB5.5-XXX 5.5" Round Surface Box
	CABLE TIE
	CBT-08-BLK 8" Black Cable Tie

- Consult Accessory Spec Sheet for desired option code.
- XXX represents color option.
- Readymade options available in ABL and ABR only unless noted by the part code above.

ADDITIONAL ACCESSORIES (Not Installed at Time of Order)

OPTIC ACCESSORIES
DCF-16 Dichroic Filter

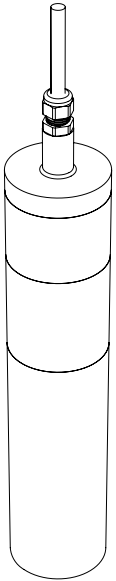
OUTDOOR MAGNETIC TRANSFORMERS (120V input/12VAC Output)

TRANSFORMERS (Go to [Accessories](#) for detailed specification)

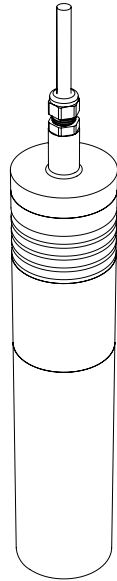
EXAMPLE: TXS-150-SS

MODEL	WATTAGE (VA)	PRIMARY VOLTAGE (VAC)
TXM Stainless steel, wet location outdoor magnetic transformer Multitap 12-15VAC Output MLV Dimming	150 300	OTR-SS (120V Only)
TXS Stainless steel, wet location outdoor magnetic transformer Multitap 12VAC Output MLV Dimming	150 300 600	SS (120V Only)
TXM Compact, damp location magnetic transformer 12VAC Output MLV Dimming	20 40 60 100	120
IGT In ground outdoor magnetic transformer 12VAC Output MLV Dimming	50 (120V Only) 100 300 600	120 277
TXE In-fixture or near mounted electronic transformer 12VAC Output ELV Dimming Enclosure by others	60	120 277

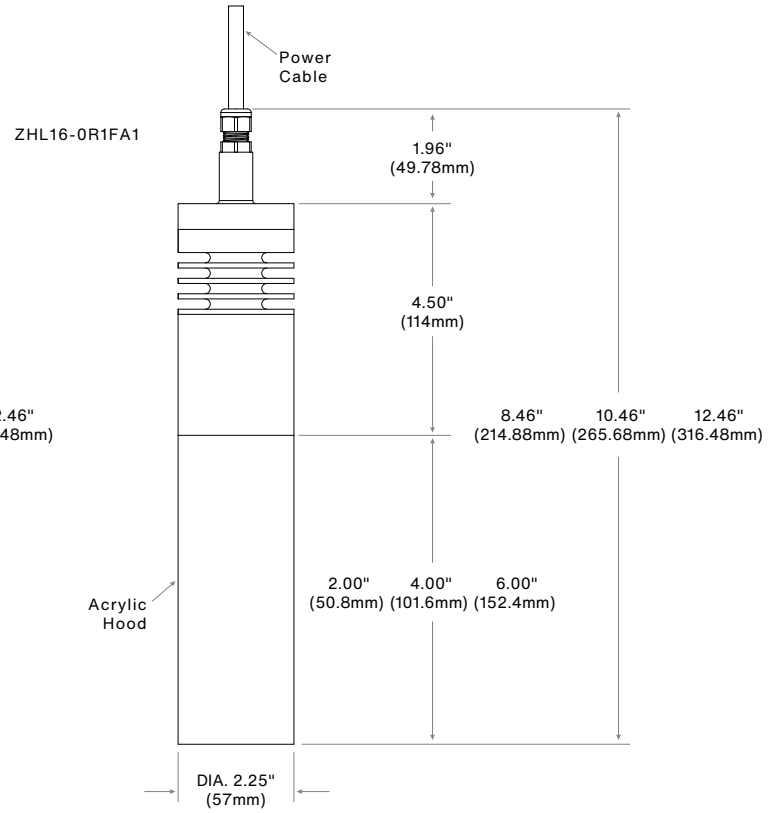
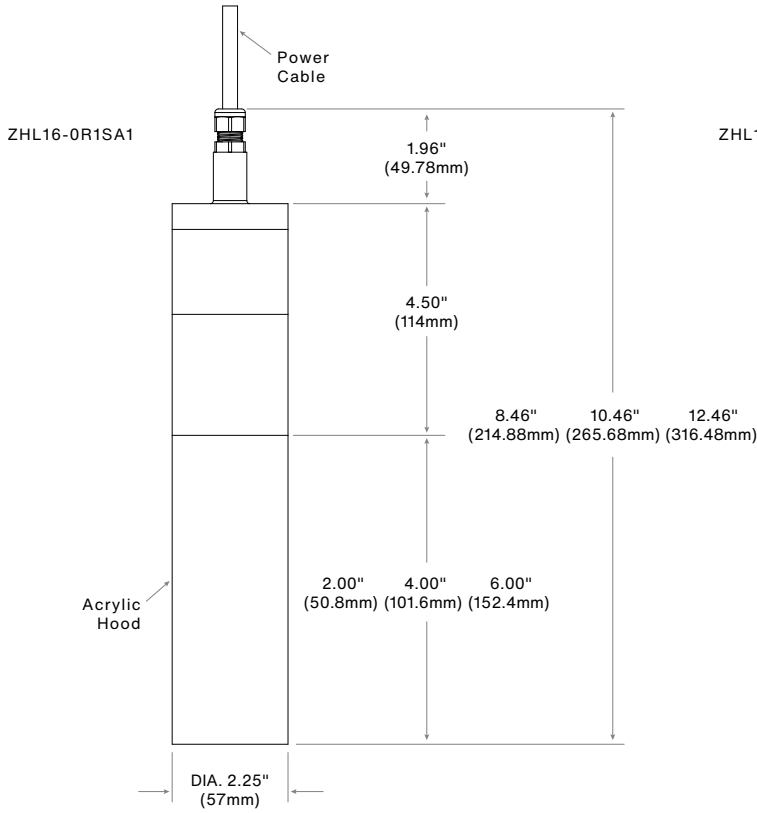
PRODUCT DRAWINGS



ZHL16-OR1SA1
Standard



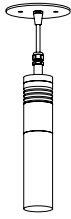
ZHL16-OR1FA1
Finned



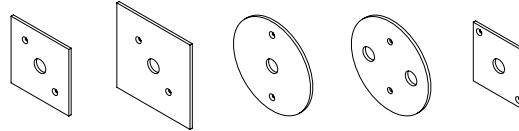
OPTIONS & ACCESSORIES

MOUNTING ACCESSORIES

Canopy Mount:

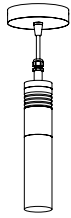


Fixture On CM5

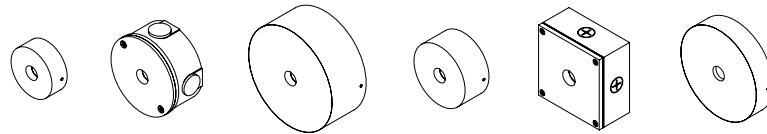


CM1 CM3 CM5 CM5-2 CM2

Surface Mount Box:

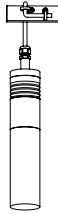


Fixture On CB5.1

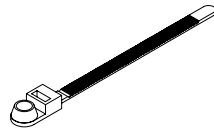


CMLJ CB4.0 CB5.5 CB3.5 CB4.0-SQ CB5.1

Screw-Mount Cable Ties:



Fixture Using CBT-08-BLK



CBT-08-BLK

■ Readymade eligible configurations ship in 2 to 4 weeks.

Notes: