

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		VOLTAGE		WATTAGE		CCT	LENGTH	LENGTH			
	OR1	Low Voltage, Round Single Light	S Standard	A1	Acrylic Style (side wall diffuse, end polished)	ABL	12V AC	05W	5 Watts	22	2200K	06	6"	60	60"
			F Finned	A2	Acrylic Style (side wall and end diffuse)	ABR		07W	7 Watts	24	2400K	04	4"	XX	Custom ³
				A3	Acrylic Style, Custom Finish	AWH		10W	10 Watts	25	2500K	02	2"		
					AAC		SPW	Specialty ²	27	2700K	XX	Custom ³			
					NBR				30	3000K					
					NCU				35	3500K					
					NSS				40	4000K					
					CCC				AM	Amber ²					
									RG	RGB ²					

Readymade eligible configurations ship in 2 to 4 weeks.

Consult factory for specialty finish quoting and lead times.

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

Custom length, include your desired length in inches.

Readymade eligible configurations ship in 2 to 4 weeks.

¹ Consult factory for specialty finish quoting and lead times.

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

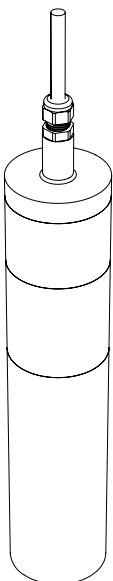
OUTDOOR MAGNETIC TRANSFORMERS (120V input/12VAC Output)

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

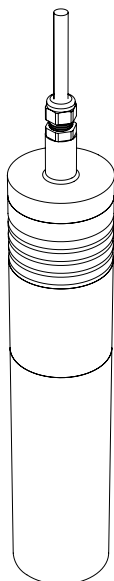
EXAMPLE: TXS-150-SS

MODEL		WATTAGE (VA)						PRIMARY VOLTAGE (VAC)	
TXM	Stainless steel, wet location outdoor magnetic transformer Multitap 12VAC Output MLV Dimming	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	150	300	120	277
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

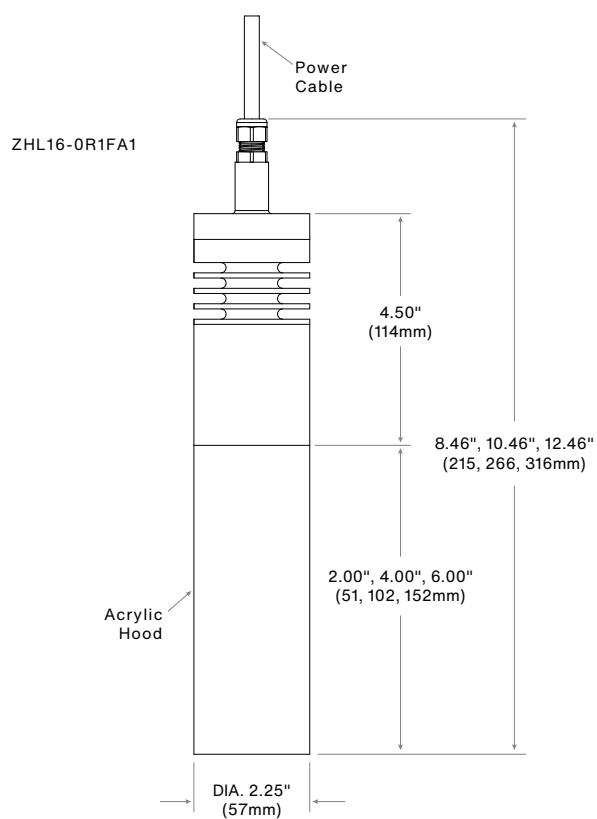
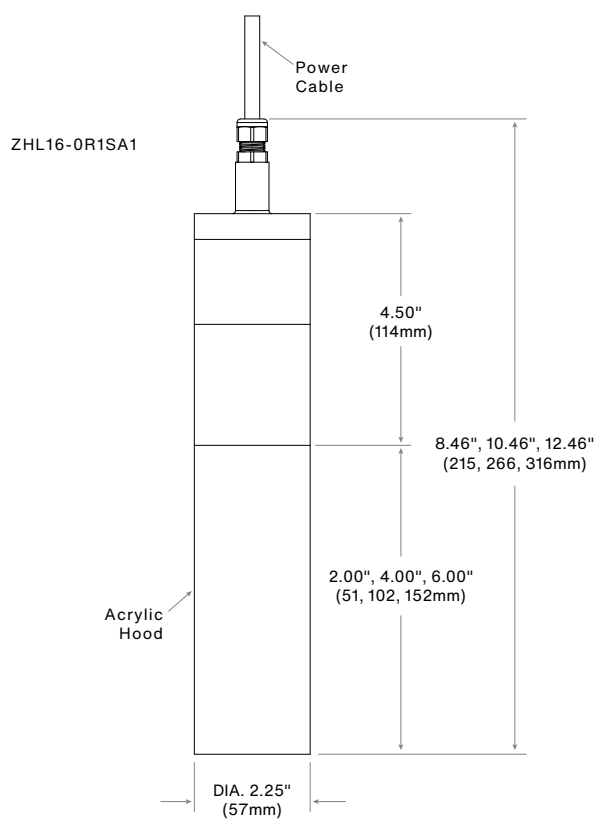
PRODUCT DRAWINGS



ZHL16-0R1SA1
Standard



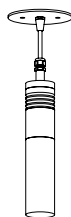
ZHL16-0R1FA1
Finned



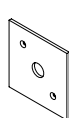
OPTIONS & ACCESSORIES

MOUNTING ACCESSORIES

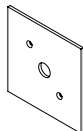
Canopy Mount:



Fixture On CM5



CM1



CM3



CM5

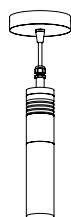


CM5-2



CM2

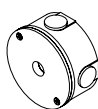
Surface Mount Box:



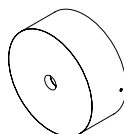
Fixture On CB5.1



CMLJ



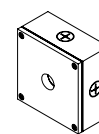
CB4.0



CB5.5



CB3.5

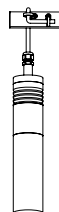


CB4.0-SQ

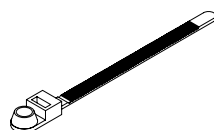


CB5.1


Screw-Mount Cable Ties:



Fixture Using CBT-08-BLK



CBT-08-BLK

 Readymade eligible configurations ship in 2 to 4 weeks.

Notes: