

ZXA11 Adapt

ACCENT & LANDSCAPE | ZX11 Series | 1.65" dia.
5-7W (365-560lm) | 12V | HK LED, Amber

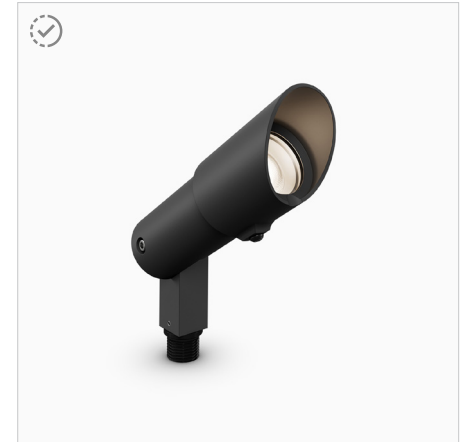
Project Name

Fixture Type

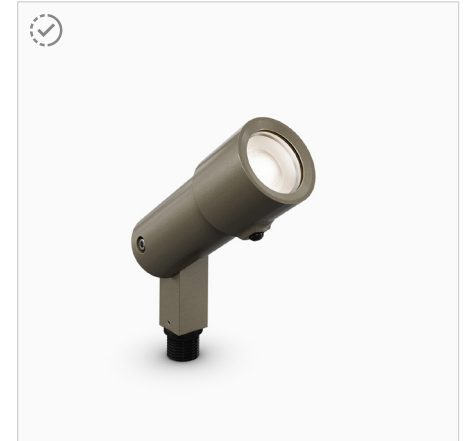
FEATURES



- A compact, directional low voltage (12V) LED Accent Light featuring HK Adapt Optic technology for continuously adjustable beam angles from 14° to 63°. Most appropriate for medium to tall trees, architectural columns, and residential façades from 10 to 50 feet.
- Adapt Optic enables easy beam angle adjustment from 14° to 63° by simply sliding the hood, then locking it securely in place with a set screw for precise, repeatable aiming.
- 5W, 7W integrated HK LED delivers 365-560 lumens. 2700K, 3000K, 3500K and 4000K CCT options for residential and commercial lighting applications.
- Wet Location Listed, IP67 Standard.
- Machined from solid 6061-T6 aluminum, then anodized and powder coated for durability and corrosion resistance in marine environments.
- 240° vertical and 360° horizontal adjustment via locking swivel stem design.
- Two weeping hood styles available, integrated Angled Glare Shield or Flush Lens. With less than 1% field light, the Adapt Optic provides superior glare control in both hood options. (Now with a hex louver option)
- Every fixture tested end of line for water tightness and light quality.
- Narrow-band Amber LED available for wildlife and turtle-safe lighting requirements. [Explore wildlife lighting criteria and application guidance.](#)
- Readymade eligible configurations ship in 2 to 4 weeks, complete with selected accessories installed.



ZXA11 Accent Light with G Style Angled Glare Shield Hood:
ZXA11-0R1SG-ABR



ZXA11 Accent Light with F Style Flush Lens Hood:
ZXA11-0R1SF-ABR

SPECIFICATIONS

Materials

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

Finish

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

Hood Styles

Two weeping hood styles are available. The G Style includes an integrated Angled Glare Shield, while the F Style has a Flush Lens, without a glare shield. Both options provide exceptional glare control. (See page 4 for details)

Voltage

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

Wattage

5 or 7W HK LED delivers up to 560 lumens.

Light Engine

Innovative HK LED Light module operates like a lamp and can be easily changed in the field. CRI 90 Standard. Standard CCT options are 2700K, 3000K, 3500K, and 4000K. Narrow-band Amber LED available for wildlife and turtle-safe lighting requirements. Consult factory for specialty LED details.

Dimming

MLV or ELV Phase Control dimming.

Optics

The HK Adapt Optic enables continuous beam angle adjustment from a very narrow (14°) spotlight to a wide (63°) flood. Once positioned, the hood locking screw securely maintains the selected beam angle. Preserves less than 1% field light levels for exceptional glare control, even with the sleek Flush Lens Hood.

Mounting

Mounts using 1/2"-14 NPS male fitting compatible with all HK Lighting mounting accessories. (See page 4 for details)

Listings

CSA Listed for Wet Location (UL1838), IP67 Standard. RoHS Compliant. Narrow-band Amber LED meets wildlife and turtle-safe lighting requirements.

ORDERING GUIDE

EXAMPLE: ZXA11-0R1SG-ABL-012V05W-27A-LVR-MHP

MODEL	OPTIONS				MATERIAL / FINISH		POWER		LIGHT					
ZXA11 ZX11 Adapt 1.65" Accent Light Integrated HK LED	OR1						012V			A				
	TYPE		STYLE		HOOD		VOLTAGE		WATTAGE		CCT		OPTICS	
	OR1	Low Voltage, Round Accent	S	Standard	G	Adjustable Hood: Integrated Angled Glare Shield	012V	12V AC	05W	5 Watts (365lm)	27	2700K	A	Adjustable Beam (14° - 63°)
			F	Finned							30	3000K		
					F	Adjustable Hood: Flush Lens								
												40		
									07W	7 Watts (560lm)	AM	Amber ²		
					ABL	Aluminum Black								
					ABR	Aluminum Bronze								
					AWH	Aluminum White								
					AAC	Aluminum Anodized Clear ¹								
					NBR	Natural Brass ¹								
					NCU	Natural Copper ¹								
					NSS	Natural Stainless Steel ¹								

Readymade eligible configurations ship in 2 to 4 weeks

¹ Consult factory for specialty finish quoting and lead times

² Amber LED available in 5W configurations only

OPTIONAL INSTALLED ACCESSORIES

OPTIC ACCESSORIES

LVR	Hexcel Louver
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MOUNTING (Most common listed, see Page 4 for additional options)

GROUND MOUNT	
MHP	8" Plastic Single Prong Spike (12V)
MHCS-06	6" PVC Single Prong Spike (12V)
MHCS-12	12" PVC Single Prong Spike (12V)
MH02-06-BRZ	6" Stainless Steel 3-Prong Spike (12V) Bronze
MH02-12-BRZ	12" Stainless Steel 3-Prong Spike (12V) Bronze
MH02-12-TR-BRZ	12" Stainless Steel 3-Prong Spike (12V) Bronze, Theft Resistant
JB-1	Brass In-ground Junction Box
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
TREE MOUNT	
TM125-ABR	Aluminum Tree Mount Box (12V)
TM125-TS-ABR	Stainless Steel Strap for TM125
EXTENSIONS	
EX-12-XXX	12" Extension
EX-24-XXX	24" Extension
EL-XXX	Elbow Extension

- 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

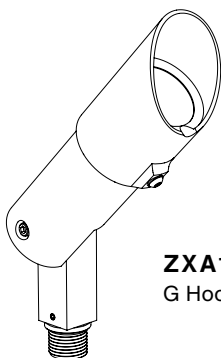
OUTDOOR MAGNETIC TRANSFORMERS (120V input/12VAC Output)

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

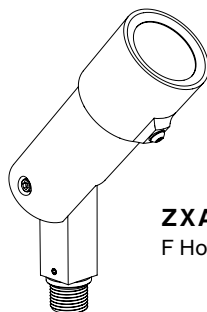
EXAMPLE: TXS-150-SS

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

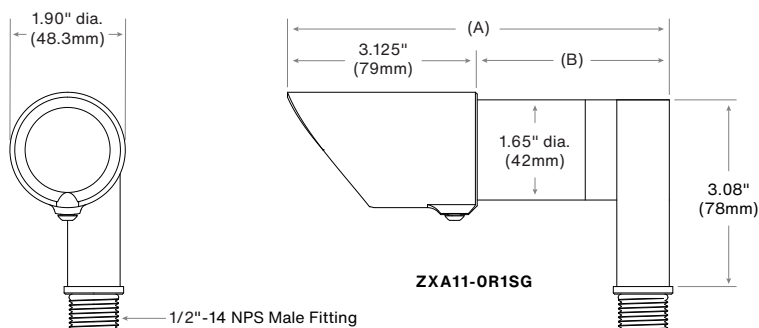


ZXA11-OR1SG
G Hood



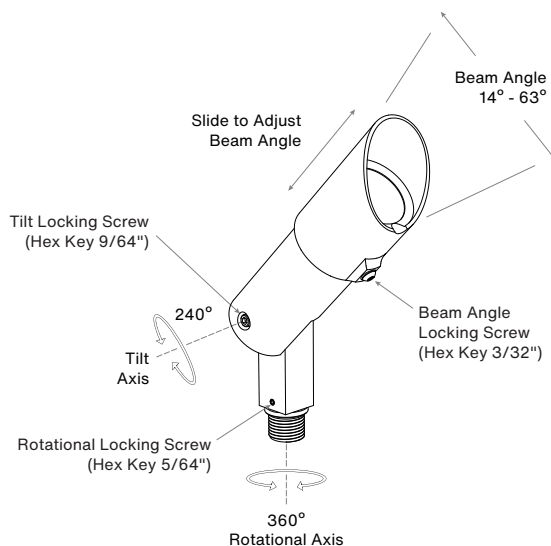
ZXA11-OR1SF
F Hood

ZXA11-OR1SG

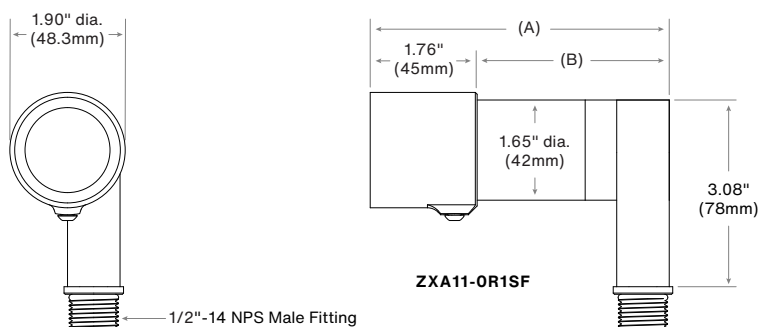


ZXA11-OR1SG

Beam Angle (FWHM)	Dimension (A)	Dimension (B)
63	6.3" / 160mm	3.175" / 81mm
40	6.5" / 165mm	3.372" / 86mm
30	6.7" / 170mm	3.569" / 91mm
20	6.89" / 175mm	3.766" / 96mm
14	7.125" / 181mm	4" / 102mm

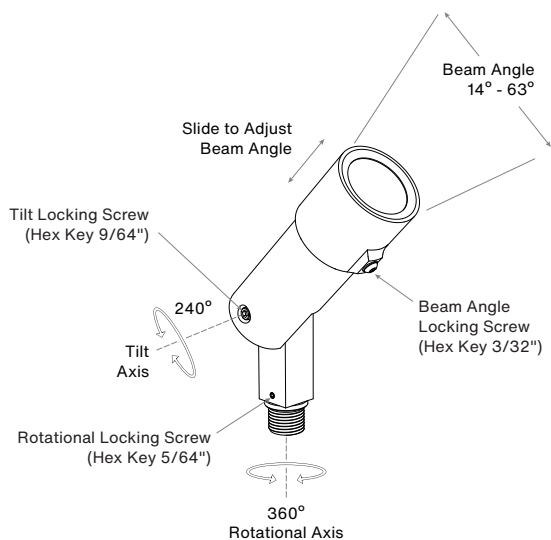


ZXA11-OR1SF



ZXA11-OR1SF

Beam Angle (FWHM)	Dimension (A)	Dimension (B)
63	4.936" / 126mm	3.175" / 81mm
40	5.133" / 131mm	3.372" / 86mm
30	5.33" / 136mm	3.569" / 91mm
20	5.527" / 141mm	3.766" / 96mm
14	5.76" / 147mm	4" / 102mm



OPTIONS & ACCESSORIES

HOOD OPTIONS



G HOOD

Weeping hood style includes an integrated Angled Glare Shield. Locking screw sets the beam angle.

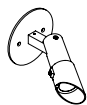


F HOOD

Weeping style hood with a Flush Lens. This style prevents any liquid or debris from settling on the lens making it ideal for heavy debris fall or limited maintenance applications. Locking screw sets the beam angle.

MOUNTING ACCESSORIES

Canopy Mount:



Fixture On CM5



CM1



CM3



CM5

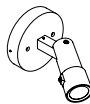


CM5-2



CM2

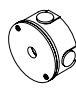
Surface Mount Box:



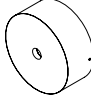
Fixture On CB5.1



CMLJ



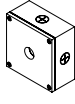
CB4.0



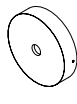
CB5.5



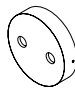
CB3.5



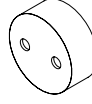
CB4.0-SQ



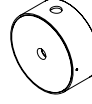
CB5.1



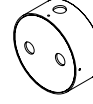
CB5.1-2



CB5.5-2

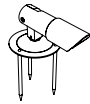


CB5.5-2K



CB5.5-2-2K

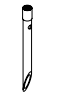
Ground Mount:



Fixture On MH02



MHP



MHCS



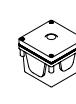
MH02-06



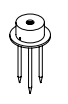
MH02-12



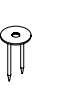
MH02-12-TR



JB-1



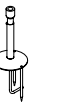
MH02-T-06



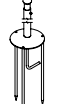
MH05



MH02-T-12



MHVL-06-12

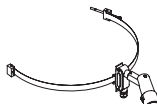


MHVL-12-24

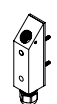


MH01

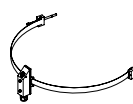
Tree Mount:



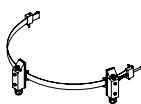
Fixture On TM120-TS



TM125



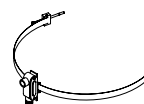
TM125-TS



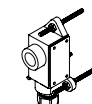
TM125-TS-2



TM125-HB



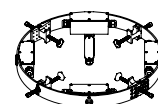
TM120-TS



TM120C-SM-HB

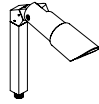


TMR2

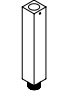


TS-SO

Extension:



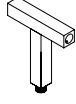
Fixture With EX,EL



EX



EL



ET

Sign Light Arm: Please reference the Sign & Pole Mounting section in [Accessories](#) on our website.

Ready-made eligible configurations ship in 2 to 4 weeks.

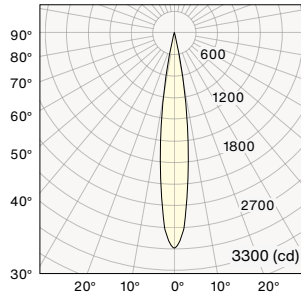
Notes:

PHOTOMETRY & ENERGY DATA

ZXA11 (Very Narrow)

Input Power	6.5W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	90+
Beam Angle	14°
Max. Candlepower	2503cd
Delivered Lumens	180lm
Efficacy	27lm/W

Polar Graph - Intensity



Cone of Light - Illuminance

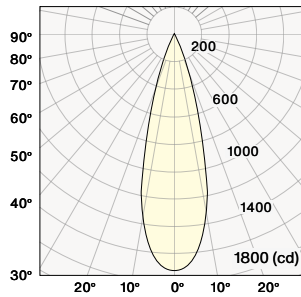
Light Level (fc)	Beam Diameter	Mtg Height
748.25	0.50'	2.0'
187.06	1.00'	4.0'
83.14	1.50'	6.0'
46.77	2.00'	8.0'
29.93	2.60'	10.0'

1/2 Beam Angle: 14°

ZXA11 (Medium)

Input Power	6.5W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	90+
Beam Angle	29°
Max. Candlepower	1701cd
Delivered Lumens	368lm
Efficacy	55lm/W

Polar Graph - Intensity



Cone of Light - Illuminance

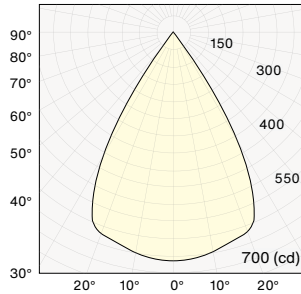
Light Level (fc)	Beam Diameter	Mtg Height
431.25	1.02'	2.0'
107.81	2.04'	4.0'
47.92	3.07'	6.0'
26.95	4.09'	8.0'
17.25	5.11'	10.0'

1/2 Beam Angle: 29°

ZXA11 (Extra Wide)

Input Power	6.5W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	90+
Beam Angle	63°
Max. Candlepower	636cd
Delivered Lumens	569lm
Efficacy	87lm/W

Polar Graph - Intensity



Cone of Light - Illuminance

Light Level (fc)	Beam Diameter	Mtg Height
166.25	2.43'	2.0'
41.56	4.85'	4.0'
18.47	7.28'	6.0'
10.39	9.70'	8.0'
6.65	12.13'	10.0'

1/2 Beam Angle: 63°

WATTAGE MULTIPLIER

Wattage	Multiplier
5 Watt	0.64
7 Watt	1.00

CCT MULTIPLIER

Color Temp.	Multiplier
Amber	0.55
2700k	0.97
3000k	1.00
4000k	1.05

HEX LOUVER MULTIPLIER

Configuration	Multiplier
Very Narrow	0.85
Medium	0.77
Extra Wide	0.60