

ZXA16-I

ACCENT & LANDSCAPE | ZX16 Adapt Series | 2.25" dia.
5-10W (500-950lm) | 120V-277V | HK LED

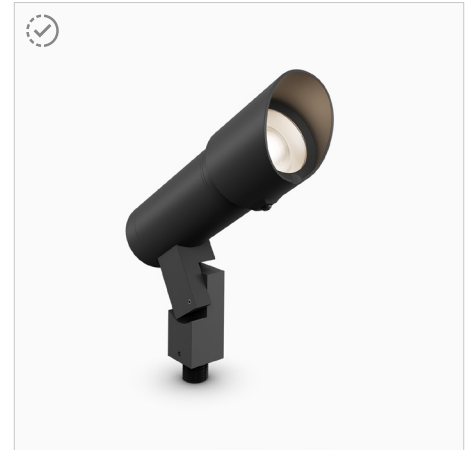
Project Name

Fixture Type

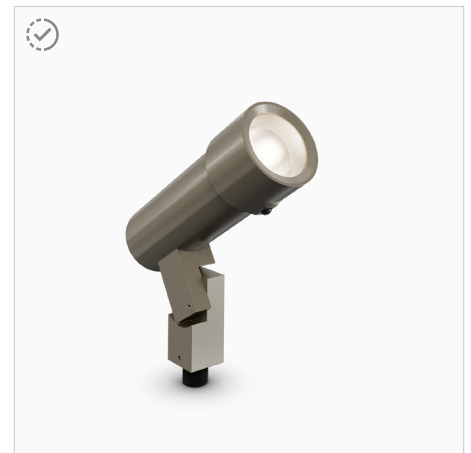
FEATURES



- Our newest and most versatile directional line voltage (120V-277V) LED Accent Light, features the Adapt Optic for precise light aiming in architectural outdoor and landscape lighting environments.
- Adapt Optic enables easy beam angle adjustment from 14° to 70° with a quick hood slide, locking securely in place with a set screw for precise and reliable positioning.
- 5W, 7W, 10W integrated HK LED delivers 500-950 lumens. 2200-4000K CCT.
- Wet Location Listed, IP67 Standard.
- Machined and anodized aircraft grade aluminum (6061-T6). Powder coated to create a highly durable, marine and nautarium grade finish. Also available in solid brass or stainless steel.
- 180° 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.
- 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.



ZXA16 Line Voltage Accent Light with G Style Angled Glare Shield Hood: ZXA16-IR1SG-ABL



ZXA16 Line Voltage Accent Light with F Style Flush Lens Hood: ZXA16-IR1SF-ABR

SPECIFICATIONS

Materials

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

Finish

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

Hood Styles

Two weeping hood styles 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

120V-277V AC.

Wattage

5, 7 or 10W HK LED delivering 500-950 lumens.

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 upon request. Standard CCT options are 2700K, 3000K, 3500K, 4000K.

Driver/ Dimming

Onboard, Integrated LED Driver Phase Control @120V, 0V-10V @120V-277V, DALI or DMX control available, consult factory for details.

Optics

The Adapt Optic allows precise beam angle adjustment from a very narrow 14° spotlight to an extra wide 70° flood, locking securely with the hood screw. It maintains less than 1% field light levels, minimizing glare 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

UL Listed for Wet Location (UL1838), IP67 Standard. RoHS Compliant.



ORDERING GUIDE

EXAMPLE: ZXA16-IR1SG-ABL-120V05W-27A-GSA-LVR-MHJB-06-BRZ

| MODEL | PHYSICAL OPTIONS | | | MATERIAL / FINISH | | POWER | | LIGHT | |
|--|---|-----------------------------------|--|--|-------------------------------------|------------------------------|-----------------|---------------------------------------|--|
| ZXA16 | IR1 | S | | | | | | | |
| ZX16 Adapt Series 2.25" Accent Light Integrated HK LED | IR1 Line Voltage, Round Accent Integrated Driver | S STYLE Standard | HOOD | ABL Aluminum Black | VOLTAGE | WATTAGE | CCT | OPTICS | |
| | | | G Adjustable Hood: Integrated Angled Glare Shield | ABR Aluminum Bronze | 120V 120V (Phase Control) | 05W 5 Watt (400lm) | 27 2700K | A Adjustable Beam (14°-70°) | |
| | | | F Adjustable Hood: Flush Lens | AWH Aluminum White | UNIV 120V-277V (0V-10V) | 07W 7 Watt (775lm) | 30 3000K | | |
| | | | | AAC Aluminum Anodized Clear ¹ | | 10W 10 Watt (950m) | 35 3500K | | |
| | | | | NBR Natural Brass ¹ | | | 40 4000K | | |
| | | | | NCU Natural Copper ¹ | | | | | |
| | | | | NSS Natural Stainless Steel ¹ | | | | | |
| | | | | CCC Custom Finish ¹ | | | | | |

■ Readymade eligible configurations ship in 2 to 4 weeks
¹ Consult factory for specialty finish quoting and lead times.

OPTIONAL INSTALLED ACCESSORIES

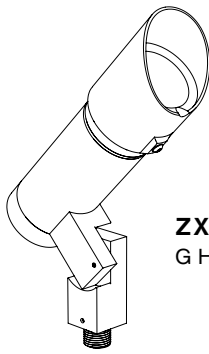
MOUNTING (Most common listed, see Page 4 for additional options)

| GROUND MOUNT | |
|---------------------|--|
| MHJB-06-BRZ | 6" Stainless Steel 3-Prong Spike (120-277V) Bronze |
| MHJB-12-BRZ | 12" Stainless Steel 3-Prong Spike (120-277V) Bronze |
| 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 | |
| CB4.0-XXX | 4" Round Surface Box |
| CB5.5-XXX | 5.5" Round Surface Box |
| TREE MOUNT | |
| TM07-JBS-XXX | Single Aluminum Tree Mount Box with Stainless Steel Strap (120V) |
| TM07-JBT-XXX | Twin Aluminum Tree Mount Box with Stainless Steel Strap (120V) |
| EXTENSIONS | |
| EX-12-XXX | 12" Extension |
| EX-24-XXX | 24" Extension |
| EL-XXX | Elbow Extension |

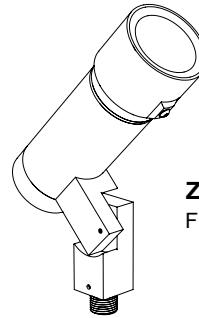
- Consult Accessory Spec Sheet for desired option code.
- XXX represents color option.
- Readymade options available in ABL and ABR only unless noted by the part code above.



PRODUCT DRAWINGS

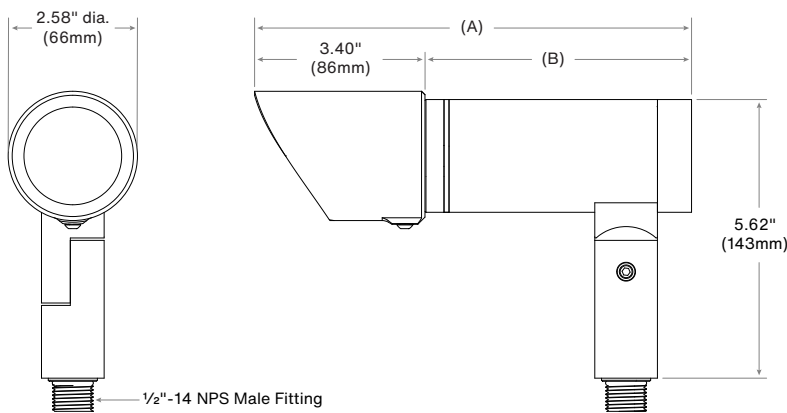


ZXA16-IR1SG
G Hood

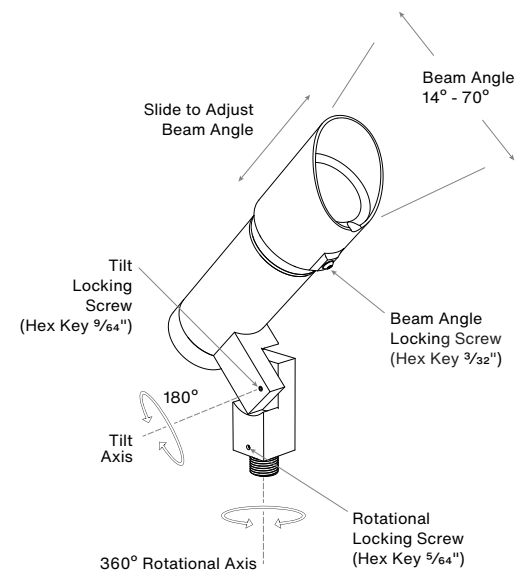


ZXA16-IR1SF
F Hood

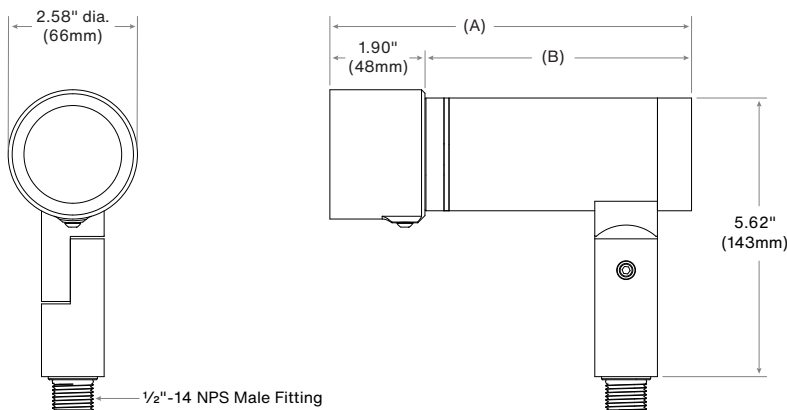
ZXA16-OC1SG



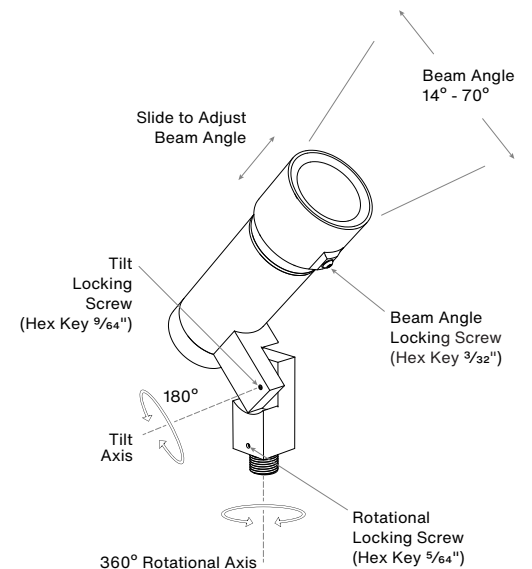
| Beam Angle (FWHM) | Dimension (A) | Dimension (B) |
|-------------------|------------------|------------------|
| 70 | 8 3/4" / 221mm | 5 5/16" / 135mm |
| 50 | 8 15/16" / 226mm | 5 1/2" / 140mm |
| 35 | 9 1/8" / 232mm | 5 11/16" / 145mm |
| 25 | 9 5/16" / 237mm | 5 15/16" / 150mm |
| 14 | 9 13/16" / 248mm | 6 3/8" / 162mm |



ZXA16-OC1SF

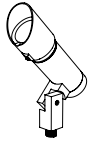


| Beam Angle (FWHM) | Dimension (A) | Dimension (B) |
|-------------------|------------------|------------------|
| 70 | 7 3/16" / 183mm | 5 5/16" / 135mm |
| 50 | 7 7/16" / 188mm | 5 1/2" / 140mm |
| 35 | 7 5/8" / 194mm | 5 11/16" / 145mm |
| 25 | 7 13/16" / 199mm | 5 15/16" / 150mm |
| 14 | 8 1/4" / 210mm | 6 3/8" / 162mm |



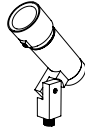
OPTIONS & ACCESSORIES

HOOD OPTIONS



G HOOD

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

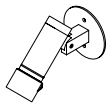


F HOOD

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

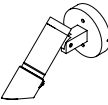


CM5-2



CM2

Surface Mount Box:



Fixture On CB5.1



CB4.0



CB5.5



CB3.5



CB4.0-SQ

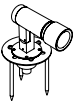


CB5.1



CB5.5-2K

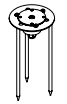
Ground Mount:



Fixture On MHJB-06



MHJB-06

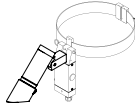


MHJB-12

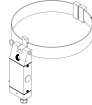


JB-1

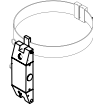
Tree Mount:



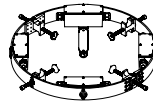
Fixture On TM07-JBS



TM07-JBS

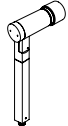


TM07-JBT



TS-SO

Extension:



Fixture With EX



EX



EL



ET

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

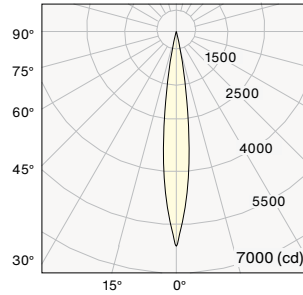
■ Readymade eligible configurations ship in 2 to 4 weeks.

PHOTOMETRY & ENERGY DATA

ZXA16 (Very Narrow)

| | |
|----------------------------|--------|
| Input Power | 11.5W |
| Color Temperature (CCT) | 3000K |
| Color Rendering Index (Ra) | 90+ |
| Beam Angle | 14° |
| Max. Candlepower | 6132cd |
| Delivered Lumens | 450lm |
| Efficacy | 39lm/W |

Polar Graph - Intensity



Cone of Light - Illuminance

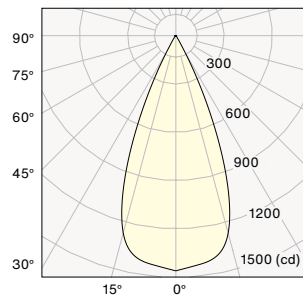
| Light Level (fc) | Beam Diameter | Mtg Height |
|------------------|---------------|------------|
| 1533.11 | 0.48' | 2.0' |
| 383.28 | 0.95' | 4.0' |
| 170.35 | 1.43' | 6.0' |
| 95.82 | 1.90' | 8.0' |
| 61.32 | 2.38' | 10.0' |

1/2 Beam Angle: 14°

ZXA16 (Medium)

| | |
|----------------------------|--------|
| Input Power | 11.5W |
| Color Temperature (CCT) | 3000K |
| Color Rendering Index (Ra) | 90+ |
| Beam Angle | 44° |
| Max. Candlepower | 1467cd |
| Delivered Lumens | 711lm |
| Efficacy | 62lm/W |

Polar Graph - Intensity



Cone of Light - Illuminance

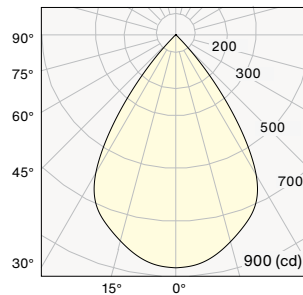
| Light Level (fc) | Beam Diameter | Mtg Height |
|------------------|---------------|------------|
| 366.67 | 1.60' | 2.0' |
| 91.67 | 3.21' | 4.0' |
| 40.74 | 4.81' | 6.0' |
| 22.92 | 6.42' | 8.0' |
| 14.67 | 8.02' | 10.0' |

1/2 Beam Angle: 44°

ZXA16 (Extra Wide)

| | |
|----------------------------|--------|
| Input Power | 11.5W |
| Color Temperature (CCT) | 3000K |
| Color Rendering Index (Ra) | 90+ |
| Beam Angle | 69° |
| Max. Candlepower | 870cd |
| Delivered Lumens | 943lm |
| Efficacy | 82lm/W |

Polar Graph - Intensity



Cone of Light - Illuminance

| Light Level (fc) | Beam Diameter | Mtg Height |
|------------------|---------------|------------|
| 217.57 | 2.74' | 2.0' |
| 54.39 | 5.48' | 4.0' |
| 24.17 | 8.22' | 6.0' |
| 13.60 | 10.96' | 8.0' |
| 8.70 | 13.70' | 10.0' |

1/2 Beam Angle: 69°

WATTAGE MULTIPLIER

| Wattage | Multiplier |
|---------|------------|
| 5 Watt | 0.53 |
| 7 Watt | 0.83 |
| 10 Watt | 1.00 |

CCT MULTIPLIER

| Color Temp. | Multiplier |
|-------------|------------|
| 2700k | 0.97 |
| 3000k | 1.00 |
| 4000k | 1.05 |

Notes: