

## ZXL16i-IP

LED Image Projector . ZX16 Series



### Product Features

- Small LEDimage projector using GOBO, color filter or colorizer for outdoor or indoor application.
- ETL outdoor wet location listed. IP65 standard.
- Machined from solid billet 6061-T6 corrosion resistant aluminum.
- 180° vertical and 360° horizontal adjustment via unique swivel stem design.
- Modular components - field changeable LED module & GOBO accessories.
- Line voltage input with integral step down transformer in fixture housing.

### Specification

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

**Glare Shield:** 3 optional glare shields(GSL-long, GSA-angled GSS-short) for additional glare control. See page 3 for details.

**Wattage:** 7W, 10W or 14W HK LED.

**Voltage:** 120, 230 or 277V AC .

**Light Source:** CRI 83. Available in CRI95 upon request. The chromaticity range is within a 3-step MacAdam Ellipse. Standard CCT options are 2700K, 3000K, 4000K.

**Lamp Base/Socket:** Innovative cone-shaped lamp base and receptacle socket maximize the surface contact area to dissipate heat more effectively. See "Resources" for details.

**Dimmability:** Phase dimming @120V, 0-10V dimming @120~277V.

**Finish:** Polyester powder coat on all aluminum materials with RoHS compliant procedures. Anodized finish is available. Stainless steel and brass models are provided with brushed

**Optical Accessories:** Accepts combinations of accessories ( including colorizer, color filters, steel gobo etc.). Secured in place with metal snap ring.

**Mounting Method :** Mounts using 1/2"-14 NPS male fitting compatible with all HK Lighting Group mounting devices.

**GOBO Size :** See data on second page.

### Ordering Guide

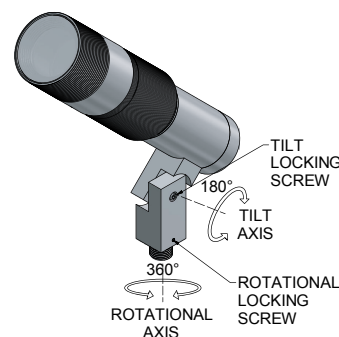
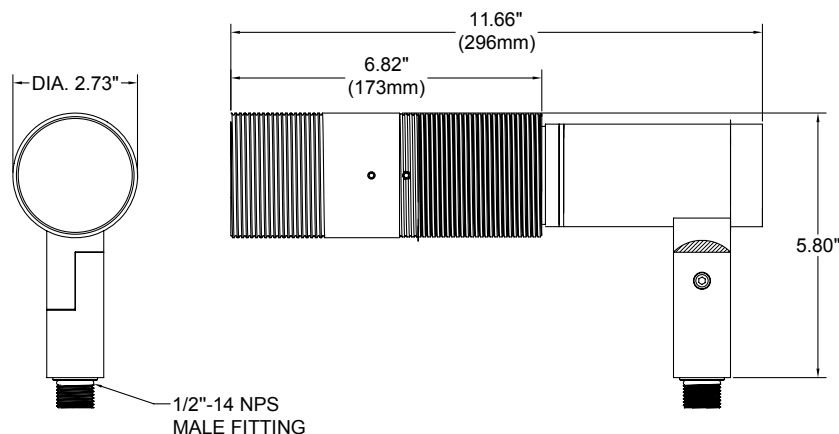
EXAMPLE: ZXL16i-IP - CGSL - 120V - 14 - 27 - PH - BK - GOBO - CM5

| SERIES    | MATERIAL                    | GLARE SHIELD | VOLTAGE | WATTAGE | CCT      | DIMMING           | FINISH                | OPTIONAL, SELECT UP TO 3 OPTIC ACCESSORIES | OPTIONAL MOUNTING ACCESSORIES |
|-----------|-----------------------------|--------------|---------|---------|----------|-------------------|-----------------------|--------------------------------------------|-------------------------------|
| ZXL16i-IP | -                           | -            | -       | -       | -        | -                 | -                     | -                                          | -                             |
|           | BLANK Aluminum(Standard)    | CGSL         | 120V    | 7 7W    | 27 2700K | PH Phase dimming  | Standard              | GOBO                                       |                               |
|           | NBR Natural Brass           | CGSA         | 230V    | 10 10W  | 30 3000K | @120V only        | BK Black Powder Coat  | CR Gobo                                    |                               |
|           | NSS Natural Stainless Steel | CGSS         | 277V    | 14 14W  | 40 4000K | 010 0-10V dimming | BZ Bronze Powder Coat | CF Colorizer                               |                               |
|           | CU Natural Copper           |              |         |         |          |                   | WT White Powder Coat  |                                            |                               |
|           |                             |              |         |         |          |                   | Premium               |                                            |                               |
|           |                             |              |         |         |          |                   | ABK Anodized Black    |                                            |                               |
|           |                             |              |         |         |          |                   | ACL Anodized Clear    |                                            |                               |
|           |                             |              |         |         |          |                   | CC Custom Powder Coat |                                            |                               |

See page 3 for quick reference, or "[Accessories](#)" link for detailed specification.

### Product Drawings

NOTE: Specification and dimensions subject to change without notice.

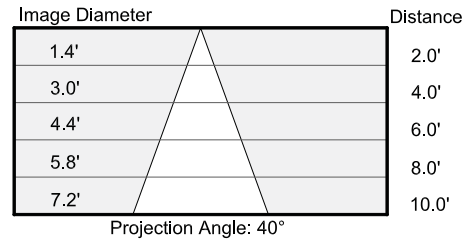


## Photometry & Energy Data

MODEL ZXL16i-IP-10W

|                            |       |
|----------------------------|-------|
| Input Power                | 9.5W  |
| Color Temperature (CCT)    | 3000K |
| Color Rendering Index (Ra) | 83    |
| Projection Angle           | 40°   |
| Delivered Lumen            | 200lm |

Cone Of Image



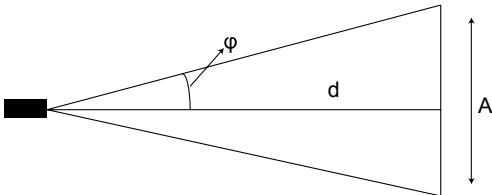
Wattage Multiplier Table

| Wattage | Multiplier |
|---------|------------|
| 7Watt   | 0.83       |
| 10Watt  | 1.00       |
| 14Watt  | 1.37       |

CCT Multiplier Table

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

## Typical Data



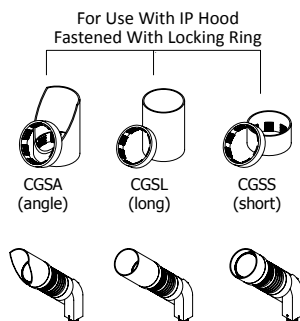
$\tan \phi = 0.5 A / d$   
 $d$  = distance between fixture and projection plan  
 $A$  = diameter of the projected image  
 $2\phi$  = projection angle

| Image Projector Size | Projection angle | GOBO size in mm (OD/IA)        | Watt   | Input Volt        |
|----------------------|------------------|--------------------------------|--------|-------------------|
| ZXL08                | 28°              | 20/13(Rosco 518)               | 3      | 12 Vac            |
| ZXL11                | 28°              | 27.5/22(Rosco Mac500/918)      | 5, 7   | 12 Vac            |
| ZXL16/16i            | 40°              | 36.3/31(Rosco Studio Spot 575) | 7, 10  | 12 Vac/ Line Volt |
| ZX16/16i-SOi         | 40°              | 36.3/31(Rosco Studio Spot 575) | 7.5, 9 | 12 Vac/ Line Volt |
| ZXL18i               | 40°              | 36.3/31(Rosco Studio Spot 575) | 19     | Line Volt         |
| ZXL20i               | 50°              | 53.3/38(Rosco size D)          | 21, 28 | Line Volt         |
| ZXL30i               | 50°              | 100/75(Rosco size A)           | 41     | Line Volt         |
| ZXL38i               | 50°              | 100/75(Rosco size A)           | 52     | Line Volt         |

Note: Data may vary due to different focal length of lens or IA of GOBO.

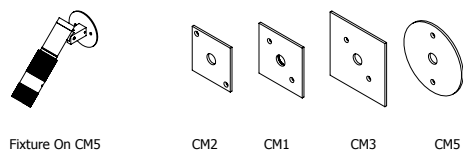
## Product Options & Accessories

### Optional Glare Shield

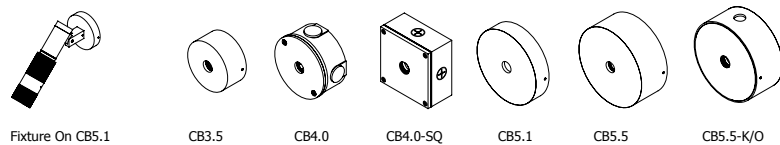


### Mounting Accessories

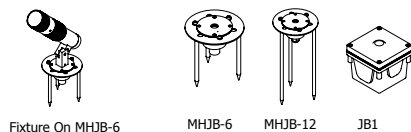
#### Canopy Plate:



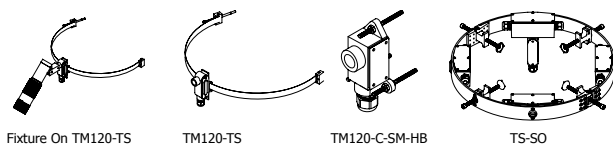
#### Surface Mount Box:



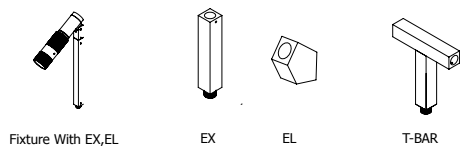
#### Ground Mount:



#### Tree Mount:



#### Extension:



#### Sign Light Arm:

Please See The Sign Light Section

### Notes