ZGLA4 Anchor 4"

STEP & IN GROUND | Anchor Series | 4.125" dia.
5–10W (500–975lm) | 12V | HK LED, Amber

Project Name

Fixture Type

FEATURES

- Compact, high-output 4" low-voltage (12V) LED In Ground Light for architectural outdoor and landscape applications.
- Omni Aim ball-and-socket design provides tool-free 360° rotation and 15° tilt, automatically holding its position for precise alignment.
- Includes post-installation horizontal leveling up to 5° and vertical adjustment up to ¼".
- 5W, 7W, 10W integrated HK LED delivering 500–975 lumens. 2700–4000K CCT.
- Field-changeable Standard Direct View, Glare Shield, Top Cover 360°, and Top Cover 180° configurations. Top Cover options meet Dark Sky requirements in qualifying installations.
- Installs into soil, masonry, stone, pavers, decking, or poured concrete. The included PVC Outer Sleeve and optional Concrete Pour Plug simplify installation in soil or poured concrete.
- Wet Location Listed, IP68 rated for protection against water ingress, including temporary standing water in in-grade installations.
- Precision crafted from corrosion-resistant brass. Available finishes include black or bronze powder coat.
- Integrated Moisture Management Technology mitigates internal humidity and condensation for enhanced long-term reliability.
- 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.



Low Voltage Brass In Ground LED Light
Standard Direct View: ZGLA4-0R1SDV-BBL



Low Voltage Brass In Ground LED Light - 180°:
ZGLA4-0R1180-BBR with Outer Sleeve



Low Voltage Brass In Ground LED Light - Glare Shield:
ZGLA4-0R1GLR-BBL installed profile

SPECIFICATIONS

Materials

HOUSING: Die cast C37700 corrosion-resistant foundry brass.

TRIM: Machine finished die cast C37700 corrosion-resistant foundry brass.

LAMP HOLDER: Machined solid billet 6061-T6 and anodized corrosion-resistant aluminum.

HARDWARE: Machine finished die cast C37700 corrosion-resistant foundry brass.

Finish

Available in corrosion-resistant Black or Bronze powdercoat for a robust marine-grade finish.

Optional Shields

Glare, Top Cover 360°, and Top Cover 180° Shields available.

Voltage

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

Wattage

5W, 7W, or 10W HK LED delivers 500–975 lumens.

Dimming

MLV or ELV Phase Control dimming.

Light Engine

Modular design with field-changeable LED light engine. CRI 90 Standard. Standard CCT options are 2700K, 3000K, 3500K, 4000K. Narrow-band Amber LED available for wildlife and turtle-safe lighting requirements. Consult factory for specialty LED details.

Optics

Narrow (29°), Medium (40°), and Wide (64°) beam spread options available for Standard and Glare Shield Styles. Accepts one optical accessory. 360 and 180 Shield Styles include an optimized set optic.

Mounting

Installs in softscape, hardscape, decking, and poured concrete. Ships with extended 36" 18/2 direct burial landscape wire. PVC Outer Sleeve aids installation. *(See page 5 for details)*

Listings

CSA Listed for Wet Location, IP68 Standard*. RoHS Compliant. Standard Direct View, Top Cover 360°, and Top Cover 180° configurations are drive-over rated. Top Cover configurations meet Dark Sky requirements in qualifying installations. Narrow-band Amber LED meets wildlife and turtle-safe lighting requirements.

* IP68 protection applies under specified test conditions and supports temporary standing water exposure in properly drained in-grade installations. The fixture is not rated for permanent underwater installation in pools, ponds, fountains, or other water features.

ORDERING GUIDE

EXAMPLE: **ZGLA4-0R1SDV-BBR-012V05W-30M-LVR-OS-PL**

MODEL	PHYSICAL OPTIONS		MATERIAL / FINISH	POWER		LIGHT	
ZGLA4 Anchor Series 4" In Ground Light Integrated HK LED	**0R1**			**012V**			
	TYPE	**STYLE**		**VOLTAGE**	**WATTAGE PER LIGHT**	**CCT**	**OPTICS**
	0R1 Low Voltage, Round Single Light	**SDV** Standard Direct View[1] **GLR** Glare Shield[1] **360** Top Cover 360°[2] **180** Top Cover 180°[2]	**BBL** Black Powder Coated Brass **BBR** Bronze Powder Coated Brass	**012V** 12V AC	**05W** 5 Watts (500lm) **07W** 7 Watts (700lm) **10W** 10 Watts (975lm)	**27** 2700K **30** 3000K **35** 3500K **40** 4000K **AM** Amber[3]	**N** Narrow (29°)[1] **M** Medium (40°)[1] **W** Wide (64°)[1] **S** Shield Optimized, use for 360, 180 Styles[2]

Readymade eligible configurations ship in 2 to 4 weeks

[1] SDV (Standard, Direct View) and GLR (Glare Shield) Styles compatible with user-preferred Optics. Choose N (Narrow), M (Medium), or W (Wide) Light Optic.

[2] 360 (Top Cover 360°) and 180 (Top Cover 180°) Styles compatible with S (Shield Optimized) Optic only. Choose S (Shield Optimized) Optic.

[3] Amber LED available in 5W configurations only

[4] Accepts one optical accessory

INSTALLED ACCESSORIES

OPTIC ACCESSORIES (Optional)		INSTALLATION ACCESSORIES (Included)		INSTALLATION ACCESSORIES (Optional)	
LVR	Hexcel Louver[4]	**OS**	Outer Sleeve, PVC	**PL**	Concrete Pour Plug, Foam
LSL	Linear Spread Lens[4]				
SOL	Solite Lens[4]				

ADDITIONAL ACCESSORIES

SHIELD ACCESSORIES (Includes Optimized Optic)

OPTIONAL	
SDV-A4	Standard Direct View
GLR-A4	Glare Shield
360-A4	Top Cover 360°[5]
180-A4	Top Cover 180°[5]

OPTIC ACCESSORIES

NOT INSTALLED AT TIME OF ORDER	
LVR-A4	Hexcel Louver
LSL-A4	Linear Spread Lens
SOL-A4	Solite Lens
OPK-A4	Optic Kit for ZGLA4 Narrow, Medium, Wide

INSTALLATION ACCESSORIES

NOT INSTALLED AT TIME OF ORDER	
OS-A4	Outer Sleeve, PVC
PL-A4	Concrete Pour Plug, Foam

[5] Shield optimized optic included.

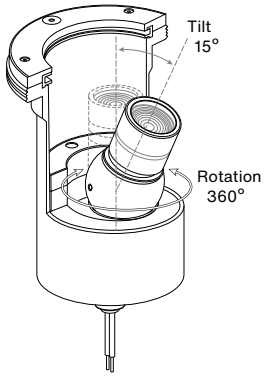
OUTDOOR TRANSFORMERS (120V input/12VAC Output)

TRANSFORMERS (Go to Accessories for detailed specification)

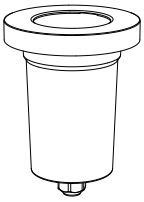
EXAMPLE: **TXS-150-SS**

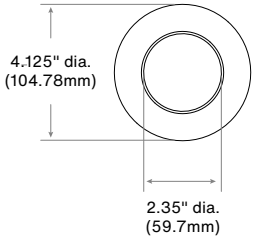
MODEL		WATTAGE (VA)	PRIMARY VOLTAGE (VAC)
TXM	Stainless steel, wet location outdoor magnetic transformer Multitap | 12-15VAC Output | MLV Dimming	**150** **300**	**OTR-SS** (120V Only)
TXS	Stainless steel, wet location outdoor magnetic transformer Multitap | 12VAC Output | MLV Dimming	**150** **300** **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**

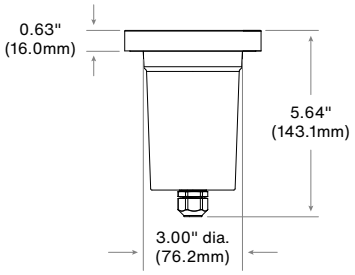
PRODUCT DRAWINGS



STANDARD DIRECT VIEW
ZGLA4-0R1SDV

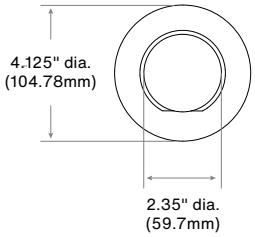


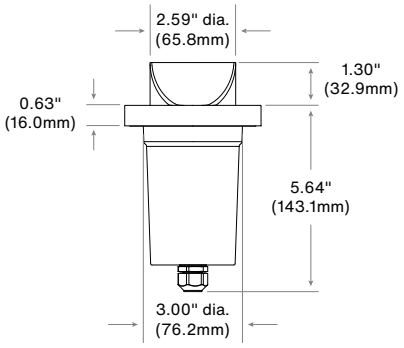




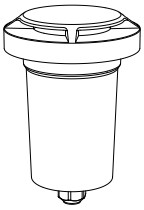
GLARE SHIELD
ZGLA4-0R1GLR

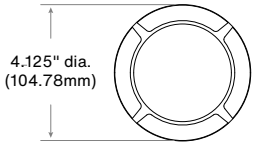


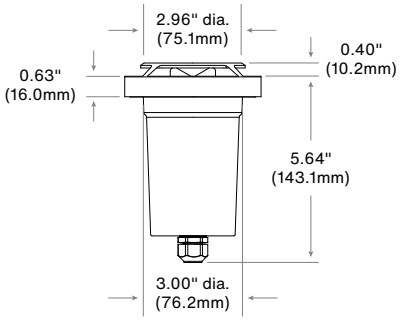




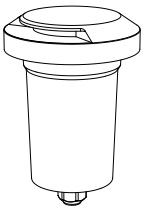
TOP COVER 360°
ZGLA4-0R1360

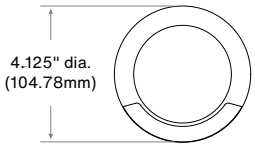


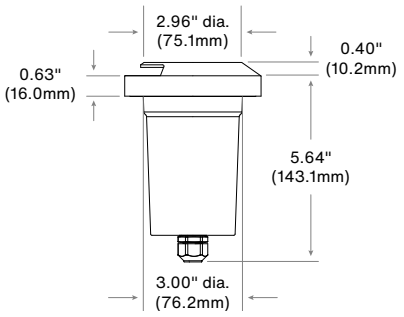




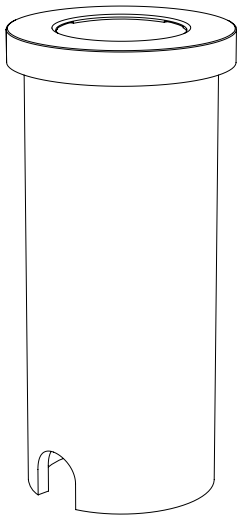
TOP COVER 180°
ZGLA4-0R1180



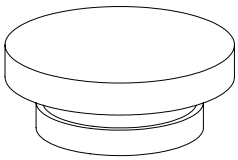




PRODUCT DRAWINGS

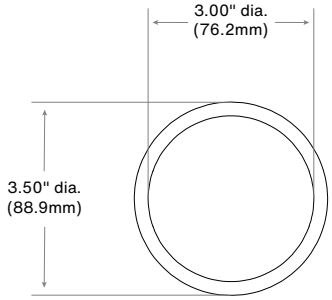


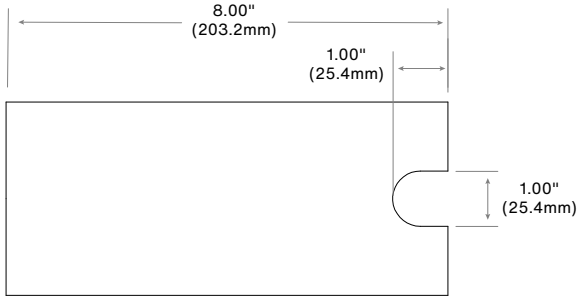
ZGLA4-0R1SDV
with Included PVC Outer Sleeve



PL-A4
Concrete Pour Plug

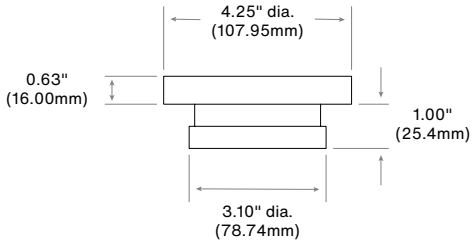
OS-A4

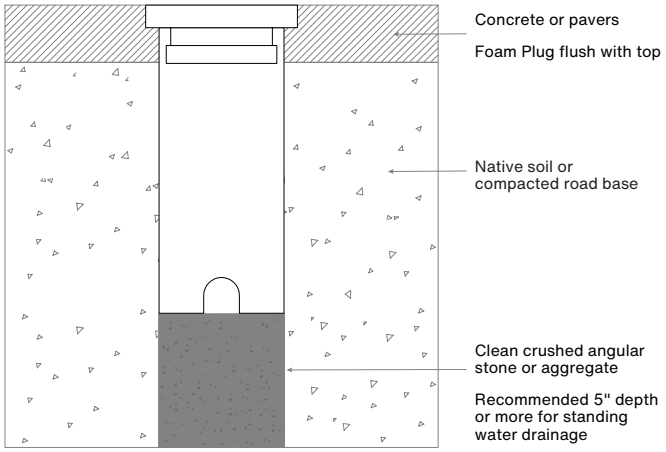




Cut From 4", Schedule 40, PVC Pipe

PL-A4

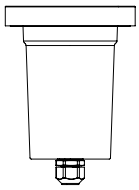




OPTIONS & ACCESSORIES

SHIELD ACCESSORIES

Standard, Direct View:

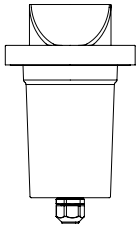


Fixture With SDV



SDV-A4

Glare Shield:

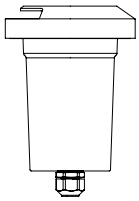


Fixture With GLR



GLR-A4

Top Cover 180°:

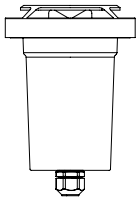


Fixture With 180



180-A4[7]

Top Cover 360°:



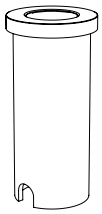
Fixture With 360



360-A4[7]

INSTALLATION ACCESSORIES

Outer Sleeve:

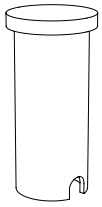


Fixture with Outer Sleeve

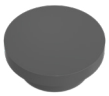


OS-A4

Pour Plug:



Plug on Outer Sleeve



PL-A4

Readymade eligible configurations ship in 2 to 4 weeks.

[7]Top Cover Shields ship with included Shield Optimized optic.

Notes:

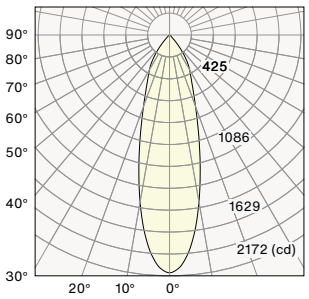
PHOTOMETRY & ENERGY DATA

BASE FIXTURE (No Cover Accessory)

ZGLA4 (Narrow)

Input Power	8.63W
Color Temperature (CCT)	2978K
Color Rendering Index (Ra)	90+
Beam Angle	29.4°
Max. Candlepower	2172 cd
Delivered Lumens	905 lm
Efficacy	105 lm/W

Polar Graph - Intensity



Cone of Light - Illuminance

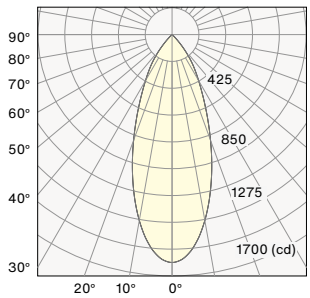
Center Beam (fc)	Beam Diameter	Distance
543.00	1.05'	2.0'
135.75	2.10'	4.0'
60.33	3.15'	6.0'
33.94	4.20'	8.0'
21.72	5.24'	10.0'

1/2 Beam Angle: 29.5°

ZGLA4 (Medium)

Input Power	8.65W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	90
Beam Angle	39.6°
Max. Candlepower	1700 cd
Delivered Lumens	937 lm
Efficacy	108 lm/W

Polar Graph - Intensity



Cone of Light - Illuminance

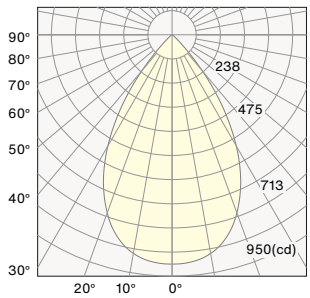
Light Level (fc)	Beam Diameter	Distance
425.00	1.44'	2.0'
106.25	2.88'	4.0'
47.22	4.32'	6.0'
26.56	5.76'	8.0'
17.00	7.20'	10.0'

1/2 Beam Angle: 39.6°

ZGLA4 (Wide)

Input Power	8.65W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	90
Beam Angle	63.5°
Max. Candlepower	950 cd
Delivered Lumens	935 lm
Efficacy	108 lm/W

Polar Graph - Intensity



Cone of Light - Illuminance

Light Level (fc)	Beam Diameter	Distance
237.50	2.48'	2.0'
59.38	4.95'	4.0'
26.39	7.43'	6.0'
14.84	9.90'	8.0'
9.50	12.38'	10.0'

1/2 Beam Angle: 63.5°

WATTAGE MULTIPLIER

Wattage	Multiplier
5 Watt	0.53
7 Watt	0.83
10 Watt	1.00

CCT MULTIPLIER

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

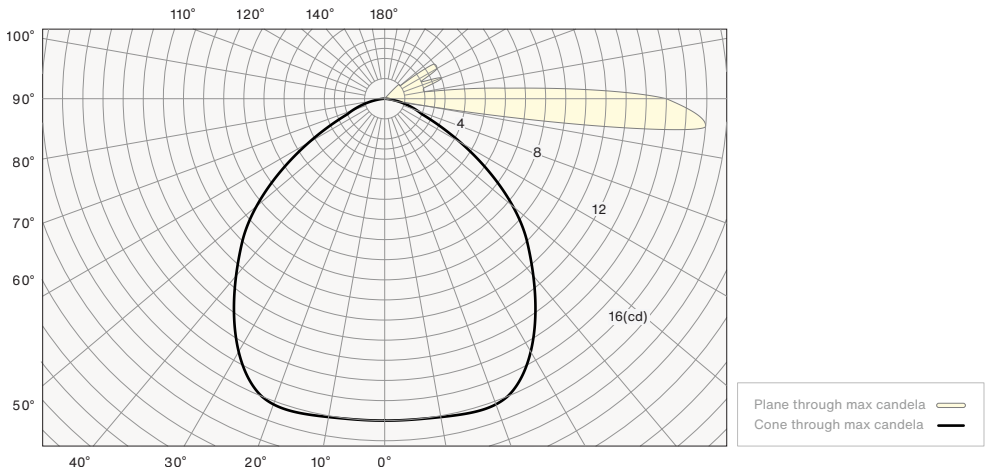
PHOTOMETRY & ENERGY DATA

FIXTURE (with Cover Accessory)

ZGLA4 180

Input Power	8.68W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	90+
Max. Candlepower	16 cd
Delivered Lumens	8 lm
Efficacy	.92 lm/W

Peak Intensity Polar Plot

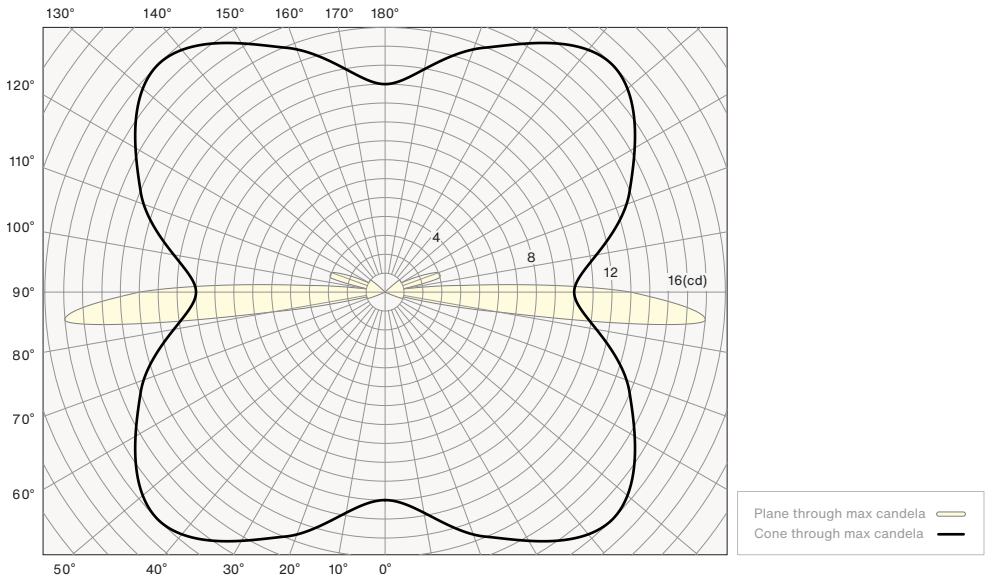


Maximum Candela=16 Located at Horizontal Angle=22.5°, Vertical Angle=85°
#1 - Vertical Plane Through Horizontal Angles (22.5-202.5) (Through Max. Cd.)
#2 - Horizontal Cone Through Vertical Angle (85) (Through Max. Cd.)

ZGLA4 360

Input Power	8.68W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	90+
Max. Candlepower	17cd
Delivered Lumens	23 lm
Efficacy	2.65 lm/W

Peak Intensity Polar Plot



Maximum Candela=17 Located At Horizontal Angle=45, Vertical Angle=85
#1 - Vertical Plane Through Horizontal Angles (45-225) (Through Max. Cd.)
#2 - Horizontal Cone Through Vertical Angle (85) (Through Max. Cd.)