

ZXG-RH-LED

ZXGi-RH-LED

STEP & IN GROUND | ZXG-RH Series | 4.00" dia.
5W (500lm) | 12V, 120V | HK LED

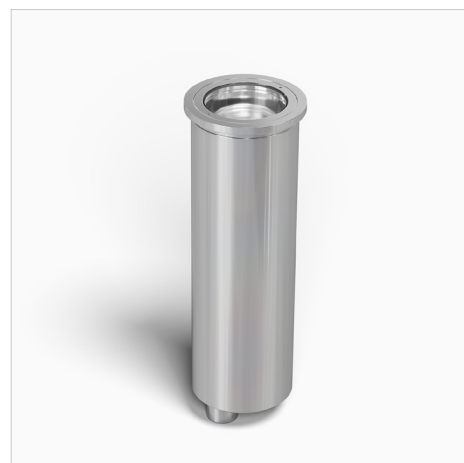
Project Name

Fixture Type

FEATURES



- Stainless steel in ground fixture with superior corrosion-resistance.
- CSA Listed for Wet Location (UL1838), IP67 standard.
- Compact size with 4" diameter profile.
- Built-in optic accessory holder.
- Modular components - field changeable LED module & beam spread reflectors.
- Line voltage input with integral step-down transformer in fixture housing.



Stainless Steel In Ground LED Light: ZXG-RH-LED-NSS



ZXGi-RH-LED-NSS in Ground

SPECIFICATIONS

Materials

OUTER HOUSING: Stainless steel.
LAMP HOLDER & AIMING ASSEMBLY:
Machined from solid billet 6061-T6
corrosion-resistant aluminum.

Finish

Natural Stainless Steel.

Voltage

12V AC. Requires remote step-down
transformer. 120V model comes with
integral transformer.

Wattage

5W HK LED.

Light Source

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

Dimming

12V-MLV or ELV depending on the
transformer used. Line voltage-MLV
dimming (*consult factory for other
types of dimming*).

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.

Optics

Standard is with hexcel louver. Accepts
up to 3 additional accessory pieces (hexcel
louver, optical lenses, dichroic color filters,
etc.). Secured in place with metal snap ring.

ZXG-RH-LED / ZXGi-RH-LED

Step & In Ground • ZXG-RH Series

ORDERING GUIDE

EXAMPLE: **ZXG-RH-LED-12V-5-27-20-NSS-LVR-FLANGE**

SERIES		VOLTAGE		WATTAGE		CCT		OPTICS		FINISH		
				5						NSS		
ZXG-RH-LED	4" In Ground Light Low Voltage (12V only)	12V	12V AC	5	5W	27	2700K	20	20°	NSS	Natural Stainless Steel	
		120V	120V AC	30		3000K	33	33°				
ZXGi-RH-LED	4" In Ground Light Line Voltage (120V only)					40	4000K	44	44°			
								57	57°			

OPTIONAL INSTALLED ACCESSORIES

OPTIC ACCESSORIES		ACCESSORIES (See page 4 for quick reference)	
LVR	Hexcel Louver	FLANGE	Bottom Flange
OSL	Overall Spread Lens		
LSL	Linear Spread Lens		
SOL	Solite Soft Focus		
DCF	Dichroic Filter		

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

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

EXAMPLE: **TXS-150-SS**

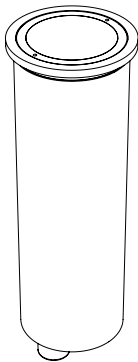
MODEL		WATTAGE (VA)						PRIMARY VOLTAGE (VAC)	
TXM	Stainless steel, wet location outdoor magnetic transformer Multitap 12VAC Output MLV Dimming	300						OTR-SS (120V Only)	
TXS	Stainless steel, wet location outdoor magnetic transformer Multitap 12VAC Output MLV Dimming	150	300	600				SS (120V Only)	
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



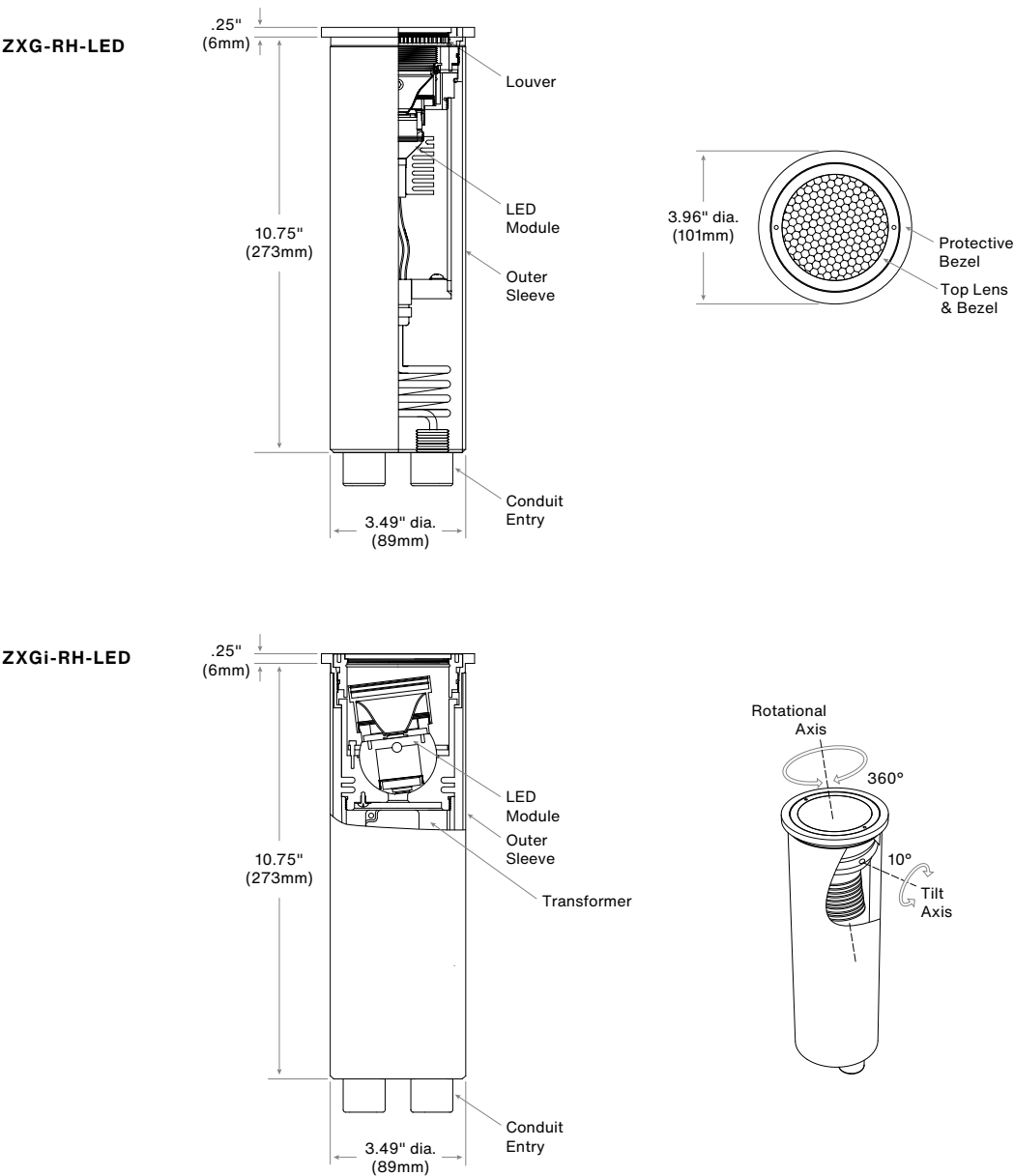
ZXG-RH-LED / ZXGi-RH-LED

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PRODUCT DRAWINGS



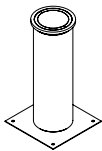
ZXG-RH-LED / ZXGi-RH-LED
Low Voltage Line Voltage



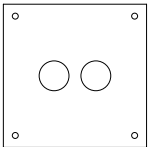
OPTIONS & ACCESSORIES

ACCESSORIES

Bottom
Flange:



Fixture With Flange



Flange

Notes:

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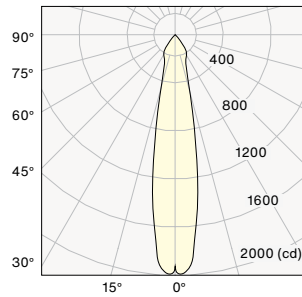
Step & In Ground • ZXG-RH Series

PHOTOMETRY & ENERGY DATA

ZXG-RH-LED (Narrow)

Input Power	4.7W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	90+
Beam Angle	32.5°
Max. Candlepower	1050cd
Delivered Lumens	492lm
Efficacy	105lm/W

Polar Graph - Intensity



Cone of Light - Illuminance

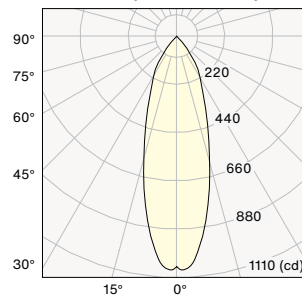
Center Beam (fc)	Beam Diameter	Distance
500	0.7'	2.0'
125	1.4'	4.0'
56	2.2'	6.0'
31	2.9'	8.0'
20	3.6'	10.0'

1/2 Beam Angle: 20.5°

ZXG-RH-LED (Medium)

Input Power	4.7W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	90+
Beam Angle	32.5°
Max. Candlepower	1050cd
Delivered Lumens	492lm
Efficacy	105lm/W

Polar Graph - Intensity



Cone of Light - Illuminance

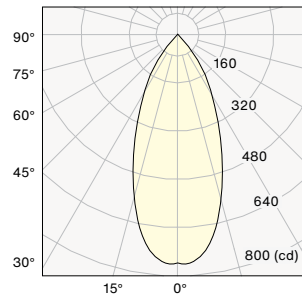
Center Beam (fc)	Beam Diameter	Distance
263	1.2'	2.0'
66	2.3'	4.0'
29	3.5'	6.0'
16	4.6'	8.0'
11	5.8'	10.0'

1/2 Beam Angle: 32.5°

ZXG-RH-LED (Wide)

Input Power	4.7W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	90+
Beam Angle	44.1°
Max. Candlepower	759cd
Delivered Lumens	495lm
Efficacy	103lm/W

Polar Graph - Intensity



Cone of Light - Illuminance

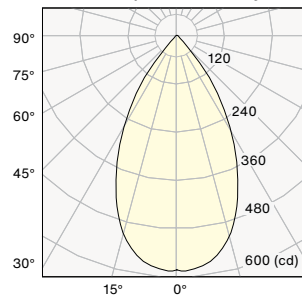
Center Beam (fc)	Beam Diameter	Distance
190	1.6'	2.0'
47	3.2'	4.0'
21	4.9'	6.0'
12	6.5'	8.0'
8	8.1'	10.0'

1/2 Beam Angle: 44.1°

ZXG-RH-LED (Extra Wide)

Input Power	4.7W
Color Temperature (CCT)	3000K
Color Rendering Index (Ra)	90+
Beam Angle	56.9°
Max. Candlepower	581cd
Delivered Lumens	499lm
Efficacy	106lm/W

Polar Graph - Intensity



Cone of Light - Illuminance

Center Beam (fc)	Beam Diameter	Distance
145	2.3'	2.0'
36	4.6'	4.0'
16	6.9'	6.0'
9	9.2'	8.0'
6	11.5'	10.0'

1/2 Beam Angle: 56.9°

CCT MULTIPLIER

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