



The Erden Brass EB3 Foundation is a robust and compact in-ground luminaire, delivering an impressive output of over 1,400 lumens. IP68 factory-sealed, and featuring a die-cast brass body, it is designed for reliability and superior outdoor performance in the most challenging of environments.

Highly versatile, the Erden Brass EB3 Foundation offers two orientations (vertical and a 15° tilted), a selection of stainless-steel and brass lids, glare control louvers, and the choice between direct burial or a pre-installation sleeve for mounting in concrete. This luminaire can also be rotated 360° within its pre-installation sleeve for easy aiming without the need for disassembly or unsealing.

Available in symmetrical and elliptical beam options and DALI®, 0 to 10 V dimming or non-dimmable configurations. Ideal for a variety of projects, the Erden Brass EB3 is the perfect blend of durability, performance, and style for any outdoor applications.

Performance

Static White & Color ¹	Lumen Output (lm)	Efficacy (lm/W)	Peak Intensity (cd)
3,000 K (80 CRI)	1,300	92.0	22,900
4,000 K (80 CRI)	1,400	100.0	24,800

¹ Lumen output values are based on a 15 W luminaire with 10° lens in a vertical orientation

Beam Angles	Vertical	10°, 13°, 20°, 33°, 47°, 10° x 40°, 40° x 10°, 20° x 66°, 66° x 20°
	Angled	12°, 20°, 36°, 47°, 20° x 40°, 40° x 20°, 25° x 60°, 60° x 25°

! Other LED colours and CRIs available on request. Contact Lumascope for options.



Products and specifications are subject to change without notice.
LS3332-240306

Electrical

Power Consumption	< 14 W
Lifetime	> 179,506 hours @ 122°F (50°C) Ambient Temperature (B10, L90, TM21 Projected)
Input Voltage	International 220 to 240 Vac, 50 Hz North America 120/277 Vac, 60 Hz
Thermal Management	CoolDrive™ onboard thermal monitoring and control

Control

Protocols	DALI® (International), 0 to 10 V (North America), Non-Dimmable
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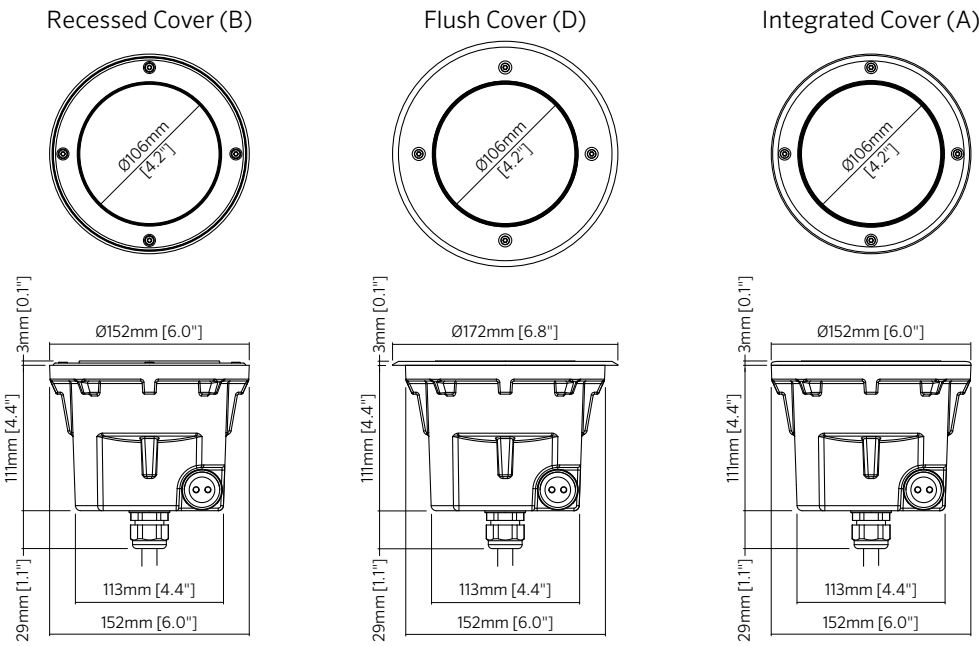
Physical

Housing	Die-cast brass body with optional stainless-steel or brass lid
Installation	Pre-Installation blockout for concrete pour, drive-over and general use applications. Direct burial for landscapes, planters and special applications.
Adjustability	
Wiring	84 (flexible cable), 82 (½" NPT) Direct Burial and Pre-Install
Ambient Operating Temperature	-4°F to 122°F (-20°C to 50°C)
Surface Temperature	< 149°F (< 65°C)
Weight	6.2 lb (2.8 kg)
Drive-Over	With OptiClear lens and pre-installation kit (LS6387)

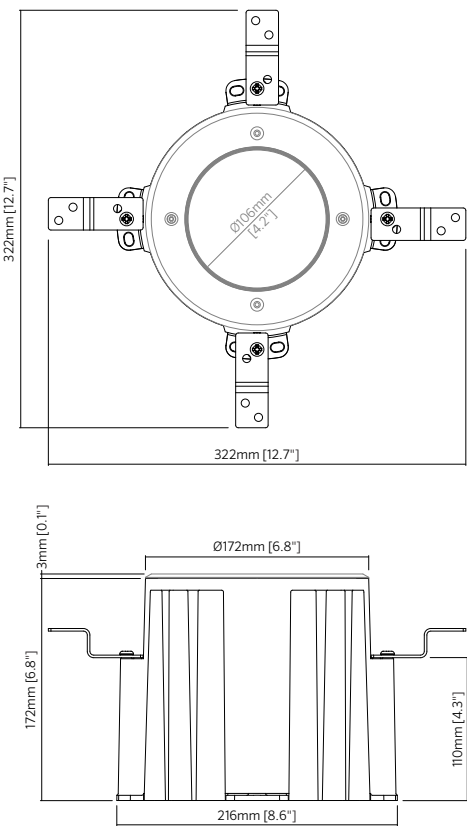
Certification & Compliance

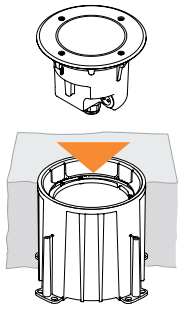
IP Rating	IP68
IK Rating	IK8
Static Load Rating	2,866 lb (1,300 kg)
Environment	Dry, Damp, Wet Locations Inherently protected Suitable for use in poured concrete
Certifications	ETL, CE, RCM, FCC

Direct Burial Dimensions



Pre-Install Dimensions



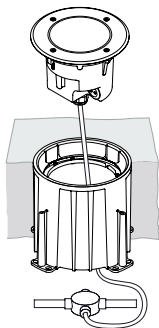


Pre-Installation Blockout

This type of installation requires the LS6387 Pre-Installation Kit (ordered separately), which acts as a concrete blockout and is intended for installation before the luminaire. This method ensures the luminaire itself is not damaged during concreting or other site works.

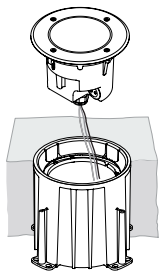
Used for	Drive over applications General use applications Concrete pour applications where luminaire is to be installed after site work has been completed.
Benefits	Easy removal for servicing
Accessories	LS6387 Pre-Installation Blockout

Connection type '84'



Flexible Cable
For connections to the branch circuit via junction box (by others) or other approved method. 6.5' (2 m) length. For other length options, contact Lumascape.

Connection type '82'
North American market only



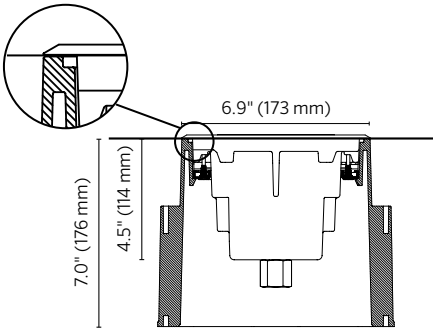
1/2" NPT Adapter
The luminaire is factory-fitted with 6.5' (2 m) hookup wire. Ensure terminations can be made within this length. For other length options, consult Lumascape.

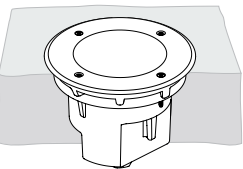
Flush Cover Option

Flush covers for pre-installation, use special seals and support bushes to ensure static loads up to 3,306 lb (1,500 kg) are properly supported. In order, to achieve this drive-over rating, OptiClear™ or GripGlass™ must be used.



Pre-Installation Blockout Round Flush Cover
■ SS316: Polished



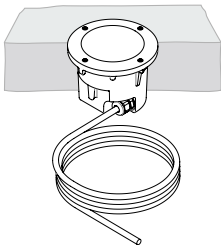


Direct Burial

Luminaire is put directly into soil or concrete.

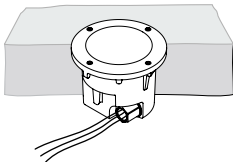
Used for	Landscaping areas Applications where depth is restricted Rate for use in concrete pour applications Economical option
Benefits	Allows for maximum heat dissipation
Restrictions	Not as easy to remove for service as pre-install version Not suitable for drive-over (requires pre-installation) Connection Type 82 only available for North American market.

Connection type '84'



Flexible Cable
For connections to the branch circuit via junction box (by others) or other approved method. 6.5' (2 m) length. For other length options, contact Lumascape.

Connection type '82'
North American Market only



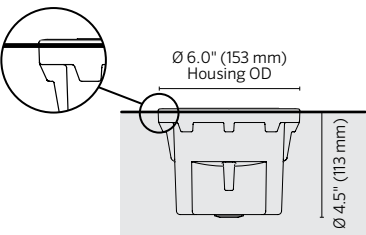
1/2" NPT Adapter
The luminaire is factory-fitted with 6.5' (2 m) hookup wire. Ensure terminations can be made within this length. For other length options, contact Lumascape.

Recessed Cover Options

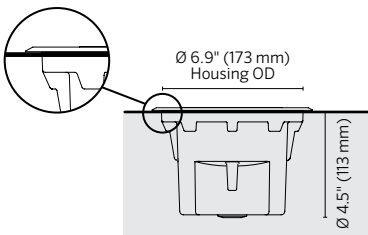
Use recessed cover for installation in soil, grass, pavers and other uneven surfaces where no cover overhang is required.



Round Recessed Cover
■ SS316: Polished



Round Flush Cover
■ SS316: Polished

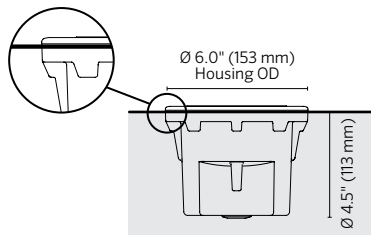


Integrated Cover Option

Similar to the recessed cover but features a thick brass trim for a clean edge appearance. It is also ideal for installation in soil, grass, pavers, and other uneven surfaces where no cover overhang is needed.



Integrated Flush
■ Brass



Pre-Installation Specification Matrix

LS3332

-

14D

D

Power Consumption

Code

14 W

14D

Static White & Color

Code

3,000 K (80 CRI)

830

4,000 K (80 CRI)

840

Lens

Code

OptiClear™

A

GripGlass™

G

Cover

Code

Stainless steel, polished, flush

D

Connection Type

Code

Flexible cable, single entry, for hardwired installations

84

Hookup wire and ½" NPT, single entry, for hard wired installations (North America only)

82

Housing Depth

Code

Preinstall Blockout 6.8" [175 mm]

23

Cable Entry

Code

Bottom

Q

Input Voltage

Code

220 to 240 Vac, 50 Hz (International)

01

120/277 Vac, 60 Hz (North America)

09

Control

Code

DALI (International)

DL

0 to 10 V (North America)

AH

Non-Dimmable

ND

Orientation

Code

Vertical Upward

U

Angled 15°

W

Upward Orientation

Beam Angle

Code

10°

VN

13°

NR

20°

NM

33°

ME

47°

WD

10° x 40°

NH

40° x 10°

NV

20° x 66°

WH

66° x 20°

WV

Angled 15°

Beam Angle

Code

12°

NR

20°

NM

36°

ME

47°

WD

20° x 40°

MH

40° x 20°

MV

25° x 60°

WH

60° x 25°

WV

Glare Control

Code

No Louver

N

Snoot Array Louver

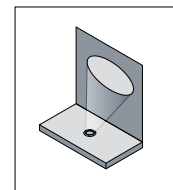
S

Honeycomb Louver

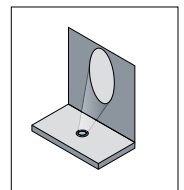
H

Beam Orientation for the "MH", "NH" and "WH" optical system

Beam Orientation for the "MV", "NV" and "WV" optical system



Beam Orientation for the "MH", "NH" and "WH" optical system

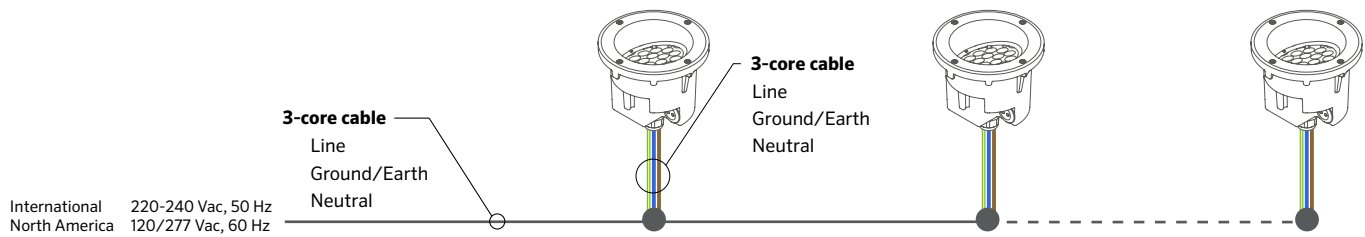


Beam Orientation for the "MV", "NV" and "WV" optical system

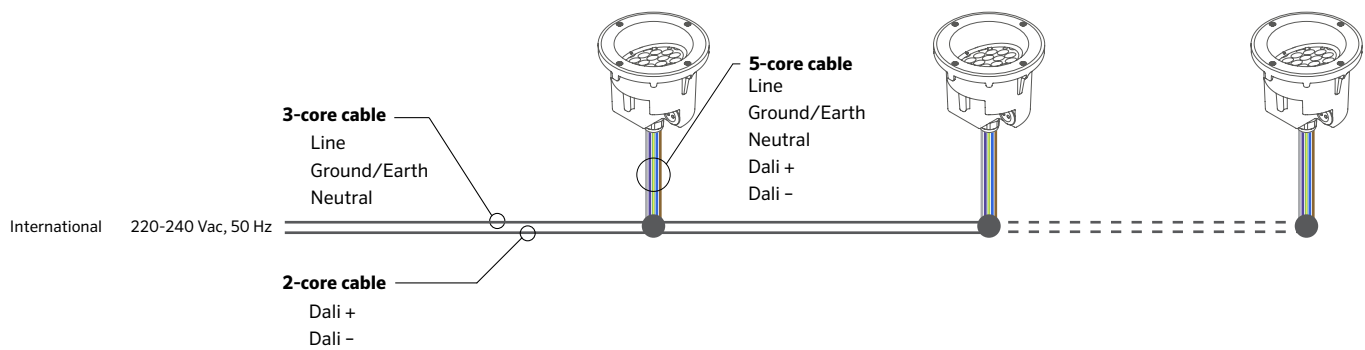
Direct Burial Specification Matrix

LS3332	-	14D									21					
Power Consumption		Code														
14 W		14D														
Static White & Color		Code														
3,000 K (80 CRI)		830														
4,000 K (80 CRI)		840														
Lens		Code														
OptiClear™		A														
GripGlass™		G														
Cover		Code														
Brass, hammered, integrated		A														
Stainless steel, polished, recessed		B														
Stainless steel, polished, flush		D														
Connection Type		Code														
Flexible cable, single entry, for hardwired installations		84														
Hookup wire and ½" NPT, single entry, for hard wired installations (North America only)		82														
Housing Depth		Code														
Direct Burial 4.6" [116 mm]		21														
Cable Entry		Code														
Bottom		Q														
Side		N														
Input Voltage		Code														
220 to 240 Vac, 50 Hz (International)		01														
120/277 Vac, 60 Hz (North America)		09														
Control		Code														
DALI (International)		DL														
0 to 10 V (North America)		AH														
Non-Dimmable		ND														
Orientation		Code														
Vertical Upward		U														
Angled 15°		W														
Upward Orientation		Beam Angle	Code													
		10°	VN													
		13°	NR													
		20°	NM													
		33°	ME													
		47°	WD													
		10° x 40°	NH													
		40° x 10°	NV													
		20° x 66°	WH													
		66° x 20°	WV													
Angled 15°		Beam Angle	Code													
		12°	NR													
		20°	NM													
		36°	ME													
		47°	WD													
		20° x 40°	MH													
		40° x 20°	MV													
		25° x 60°	WH													
		60° x 25°	WV													
Glare Control		Code														
No Louver		N														
Snoot Array Louver		S														
Honeycomb Louver		H														

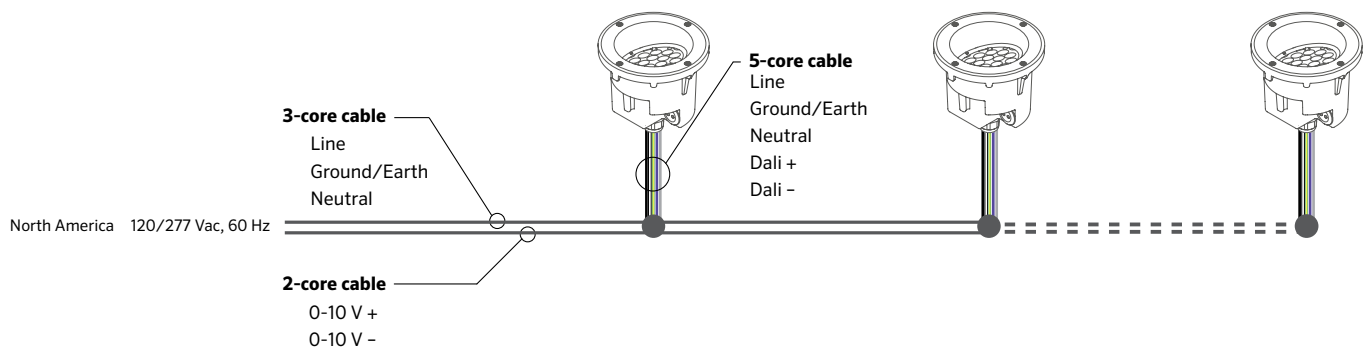
Network Topology – Line Voltage 220 to 240 Vac, 120/277 Vac Non-Dimmable



Network Topology – Line Voltage 220 to 240 Vac DALI



Network Topology – Line Voltage 120/277 Vac 0 to 10 V



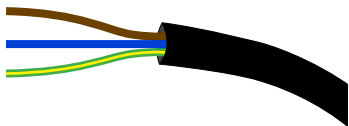
NOTE:

For all luminaire wire colors and designations see page 9.

Luminaire Wire Colors & Designations

Non-Dimmable Line Voltage 220-240 Vac – International

Designation	Color
Line	Brown
Neutral	Blue
Ground/Earth	Green / Yellow



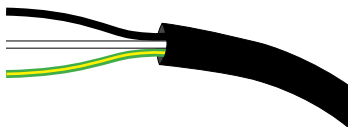
DALI Line Voltage 220-240 Vac – International

Designation	Color
Line	Brown
Neutral	Blue
Ground/Earth	Green / Yellow
DALI +	Grey
DALI -	Black



Non-Dimmable Line Voltage 120/277 Vac – North America

Designation	Color
Line	Black
Neutral	White
Ground/Earth	Green / Yellow



0-10 V Line Voltage 120/277 Vac – North America

Designation	Color
Line	Black
Neutral	White
Ground/Earth	Green / Yellow
0-10 V +	Purple
0-10 V -	Pink or Grey

