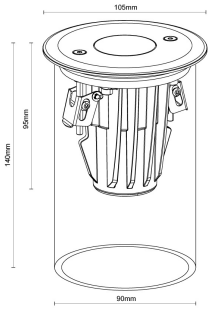
gardens at night™
landscape lighting

Inground 11 Copper

Data Sheet



Physical Specification

Body	Quality corrosion resistant brass construction.
Lens	Clear tempered glass. Frosted option available for Custom configuration.
Reflector	High efficiency, reflective coated polycarbonate. 40° reflector fitted Standard. 20°/60° optional. Refer to Custom Configuration Matrix.
Mounting Options	Ground or deck mounted. Supplied with custom designed PVC canister (90mm x 140mm) for concrete installation.
Weight (kg)	2
Operating Temperature	-20°C to +50°C
IP Rating	IP67

Electrical Specification and Performance

Input Voltage	24VDC.
Total Load	11 watts. >90 lumens per watt.
Driver	Driver onboard technology.
Remote Power Supply	Gardens at Night fittings should only be connected to approved Gardens at Night 24VDC Constant Voltage (CV) Power Supplies.
Control	Requires clean on/off signal. If switching via automation relays use on/off. Do not use dimming relays as these may leak residual voltage.
Dimming	Triac or Dali available with approved Power Supply and compatible dimming control
Certifications	E4635

Finishes

- BLK Matt Black PVD
- BZE Bronze
- COP Copper
- NKL Nickel

Installation Instructions

Ground or deck mounted. Supplied with custom designed PVC canister (90mm x 140mm) for concrete installation.

Refer to Product Page or Technical Resources page to download Installation Sheet.

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Standard or Custom Configurations

Standard range - locally stocked item
Designed to suit a variety of residential and landscaping applications the Standard range is readily available from your local Distributor. To identify your unique ordering code simply add your chosen finish to the end of the code matrix or copy the standard item code below to order:

GANL-IG11-11W-2700-40D-COP

GANL	- IG11	- 11W	- 2700	- 40D	- FINISH
GAN PREFIX	SERIES	TOTAL LOAD	LIGHT SOURCE (K)	REFLECTOR	FINISH
GANL	IG11	11W	2700	40D	BLK
					BZE
					COP
					NKL

Custom configuration - commercial specification
If required, we can provide a Custom solution to suit your large residential or commercial project. The following code matrix shows the options available for customisation. For information, speak to your local Commercial Distributor. To assist with specification, simply refer to the GANX item code below:

GANX-IG11-11W-X-CV-24VDC-2700-80-40-COP-X-CL

Stocked Commercial Distributor configuration shown below or Distributor customisation can be configured using this matrix.

GANX	- IG11	- 11W	- X	- CV	- 24VDC	- 2700	- 80	- 40	- FINISH	- X	- CL
GAN PREFIX	SERIES	TOTAL LOAD	DIMMING	INPUT TYPE	INPUT VOLTAGE	LIGHT SOURCE (K)	CRI	REFLECTOR	FINISH	HEX LOUVRE	LENS
GANX	IG11	11W	D	CV	24VDC	2700	80	20D	BLK	HX	CL
			X			3000	90	40D	BZE		FR
						4000	90	60D	COP		
									NKL		

Light Performance

Refer to next page for lighting performance diagrams.

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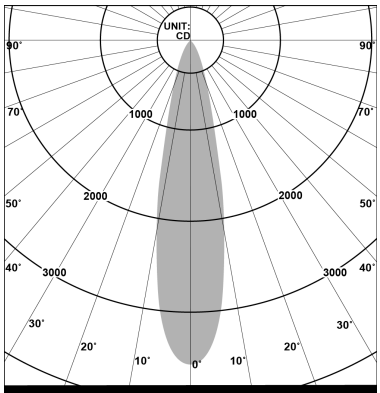
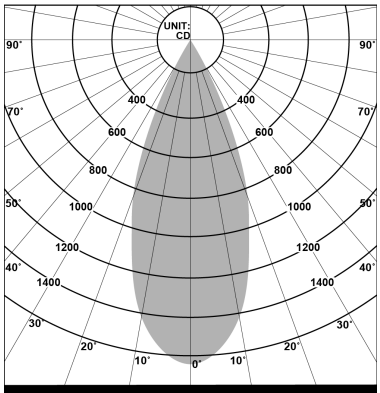
Light Performance

Photometrics	Photometrics Diagram is based on test results as referred. Refer to Technical Resources page to view Photometric Diagram where applicable.
IES	IES Refer to Technical Resources page to download IES file.



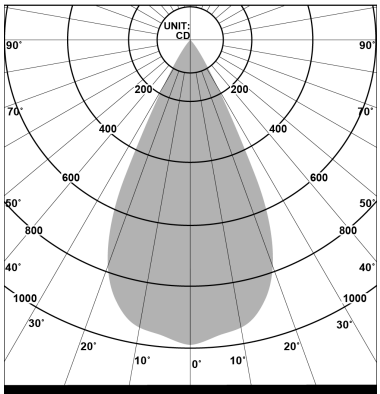
POLAR LUMINOUS INTENSITY DISTRIBUTION
GANL-IG11-11W-2700-20D

POWER INPUT	11.5 (W)	BEAM ANGLE	20°
LUMENS	703.5 (lm)		
EFFICACY	61.2 (lm/W)		



POLAR LUMINOUS INTENSITY DISTRIBUTION
GANL-IG11-11W-2700-40D

POWER INPUT	11.40 (W)	BEAM ANGLE	40°
LUMENS	702.3 (lm)		
EFFICACY	61.60 (lm/W)		



POLAR LUMINOUS INTENSITY DISTRIBUTION
GANL-IG11-11W-2700-60D

POWER INPUT	11.4 (W)	BEAM ANGLE	60°
LUMENS	615.8 (lm)		
EFFICACY	7.96 (lm/W)		

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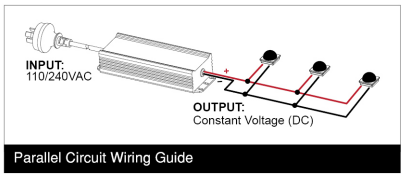
Warranty

5 years.
Refer to Technical Resources page to download Warranty Statement.

Wiring Guide

Refer to Technical Resources page to download Wiring Diagram/s.



Parallel Circuit Wiring Guide

Diagram is a guide only. Wire colours and polarity may change depending on fixture and country.

Related Items for Installation

The following items are available to assist with installation and/or warranty compliance.

DC CABLE 2.9MM² 100M

ADHESIVE LINED END CAP 12-4MM 50 PIECES

ADHESIVE LINED TUBE 24-6MM X 110MM 10 PIECES

POWER SUPPLY UNIT 60W

Related Fittings in Range

The following fittings are also available in the Inground Lights range.

INGROUND 5 COP

INGROUND 8 COP

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