

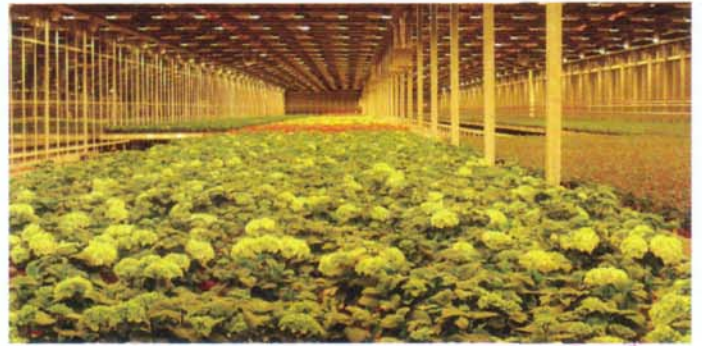
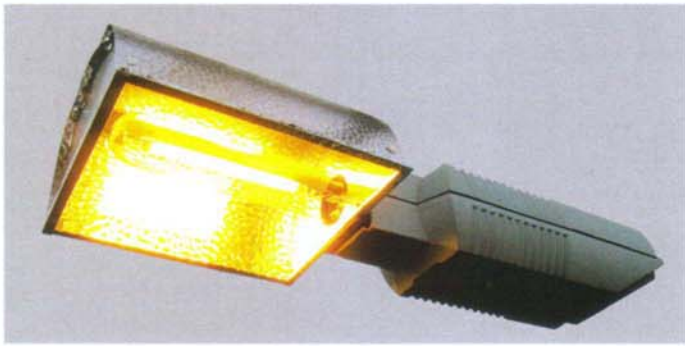
When the sun  
disappears...

# GAVITA horticultural lighting



**PRODUCTS 2009**

# GAN FIXTURES ELECTROMAGNETIC



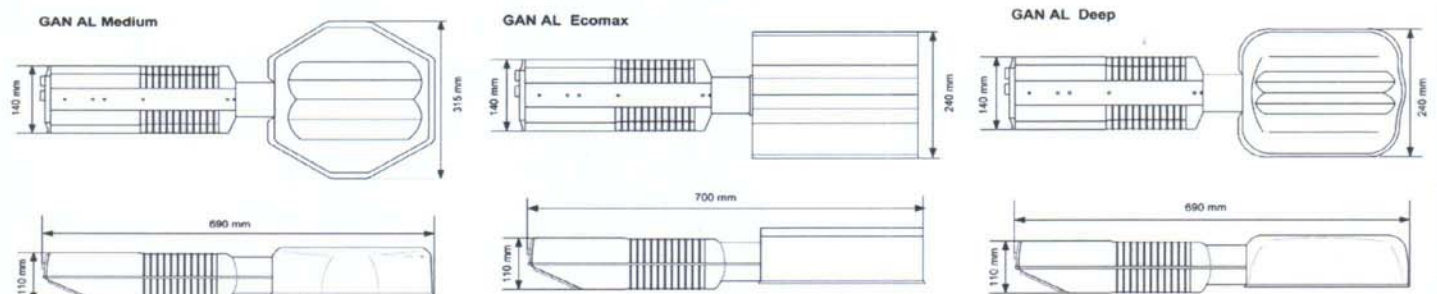
## Technical specification

Art no	Product name	Nominal power bulb	Voltage / frequency	Total power consumption	Amp	Weight
<b>400 VOLT</b>						
FV630	GAN AL 6-750 Superagro	600 W	390-400V / 50Hz	660W (+/-5%)	1,80	8,5 kg
FV630	GAN AL 6-750 Superagro	750 W	390-400V / 50Hz	810W (+/-5%)	2,25	8,5 kg
<b>230 VOLT</b>						
FV550	GAN AL 4-550 Superagro	400 W	220-230V / 50Hz*	450W (+/-5%)	2,10	6,2 kg
	GAN AL 4-550 Superagro	400 W	220-230V / 50Hz	590W (+/-5%)	2,85	6,2 kg
FV750	GAN AL 6-750 Superagro	600 W	220-225-230V / 50Hz*	660W (+/-5%)	3,10	8,7 kg
	GAN AL 6-750 Superagro	750 W	220-225-230V / 50Hz	810W (+/-5%)	4,10	8,7 kg
<b>200 VOLT</b>						
FV420	GAN AL 400	400 W	200V / 50/60Hz	450W (+/-5%)	2,10/2,30	5,7 kg
FV620	GAN AL 600	660 W	200V / 60Hz	650W (+/-5%)	3,40	7,6 kg
<b>347 VOLT</b>						
FV754	GAN AL 6-750 Superagro	600 W	340-347V / 60Hz	660W (+/-5%)	2,10	8,7 kg
FV754	GAN AL 6-750 Superagro	750 W	340-347V / 60Hz	810W (+/-5%)	2,50	8,7 kg
<b>480 VOLT</b>						
FV640	GAN AL 600	600 W	480V / 60Hz	660W (+/-5%)	1,40	8,5 kg

All above mentioned fixtures have certificate EN/IEC 60598, Class I, IP 23 Measurements: 420mmx140mmx110mm

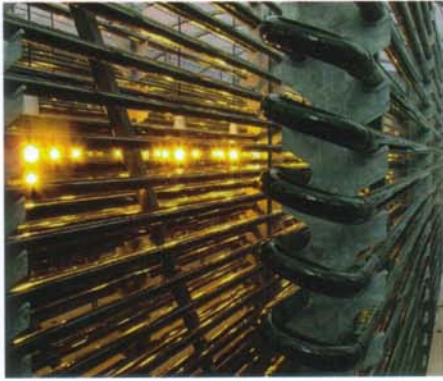
All fixtures have Cos  $\Phi > 0,9$  +/- 5% Higher on request

\* = other frequencies on request.



When using large amount of fixtures, harmonic compensation is recommended

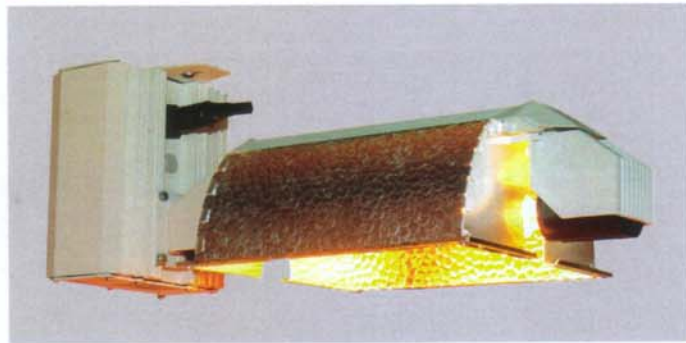
# INTERLIGHT ELECTROMAGNETIC



## Technical specification

Art no	Product name	Nominal power bulb	Voltage / frequency	Total power consumption	Amp	Weight
FV300	GAN Interlight 3x250W	3x250W	230V 50Hz	3x280 W (+/-5%)	3x1,30	10,5 kg
Cos $\phi > 0,9$ +/- 5% Higher on request						Changes reserved

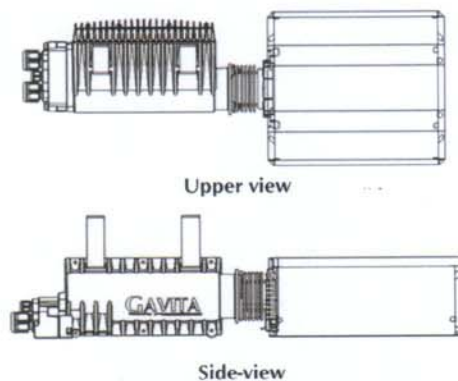
# GAN FIXTURES ELECTRONIC



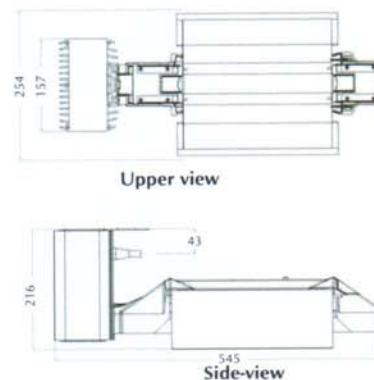
## Technical specification

Art no	Product name	Nominal power bulb	Voltage / frequency	Total power consumption	Amp	Weight
FV950	GAN Electronic 600	600 W	210-270V / 48-63Hz	645 W (+/-2%)	2,86	3,0 kg
FV960	GAN Electronic 750	750 W	360-440V / 48-63Hz	804 W (+/-3%)	2,07	3,7 kg
FV965	GAN Electronic 600	600 W	400V (+/-3%) / 48-63Hz	645W (+/-3%)	1,63	3,4kg
FV970	GAN Electronic 1000	1000 W	400V (+/-3%) / 50Hz	1045W (+/-3%)	2,60	4,1 kg
All fixtures have Cos $\phi > 0,9$ cap						Changes reserved

GAN Electronic 600W 230V with Ecomax HR 96 Reflector



GAN Electronic 600W / 750W / 1000W 400V with Ecomax HR 96 Reflector



# BULBS



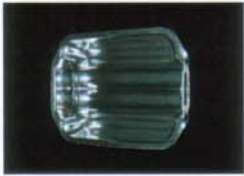
## Technical information

Art no	Product name	Lamp base	Colour temp	Nominal	100 hrs Lumen	100 hour PAR $\mu$ /sec
<b>400 VOLT:</b>						
VV618	GE Lucalox 600W 400V PSL	E40	2100K	600W	85 000	1 150
VV617	GE Lucalox 750W 400V PSL	E40	2045K	750W	104 000	1 415
VV633	Philips SON-T Greenpower 600W 400V	E40	2040K	600W	87 500	1 150
VV620	PH Master GreenPower 1000W 400V	Wire	*	1000W	*	1 850
Other on request						
<b>230 VOLT:</b>						
VV258	GE Lucalox 250W 230V PSL	E40	2100K	250W	34 000	410
VV415	GE Lucalox 400W 230V PSL	E40	2100K	400W	56 500	725
VV615	GE Lucalox 600W 230V PSL	E40	2100K	600W	90 000	1 100
VV616	GE Lucalox 750W 230V PSL	E40	2000K	750W	112 000	1 350
VV421	OS Plantastar 400W 230V	E40	2000K	400W	55 500	655
VV621	OS Plantastar 600W 230V	E40	2000K	600W	90 000	1 065
VV432	Philips SON-T Greenpower 400W 230V	E40	2000K	400W	58 500	745
VV632	Philips SON-T Greenpower 600W 230V	E40	2000K	600W	88 000	1 100
VV441	IR bulb 400W 230V	E40	2000K	400W	55 000	655
VV641	IR bulb 600W 230V	E40	2000K	600W	90 000	1 065
VV423	OS/HQI-BT 400W/D Metal halide	E40	6100K	400W	35 000	581
VV416	GE CMH 400 W 230 V	E40	3000K	400W	40 000	*

Other on request

\* Not measured

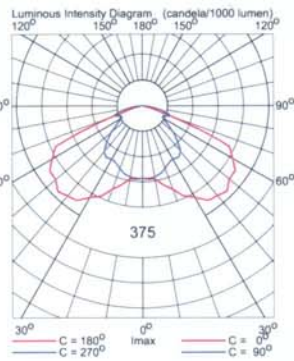
# REFLECTORS



**Reflector Deep**

Art no	Product name
FV800	Reflector Deep GAN AL
FV830	Reflector Deep with plastic bracket

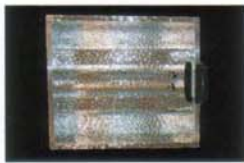
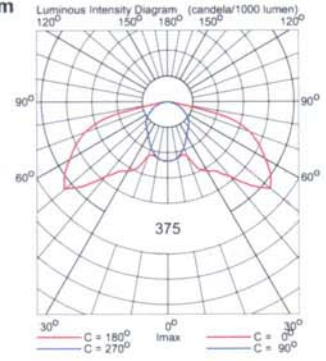
**Diagram**



**Reflector Medium**

Art no	Product name
FV810	Reflector Medium GAN AL

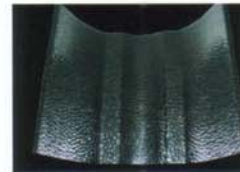
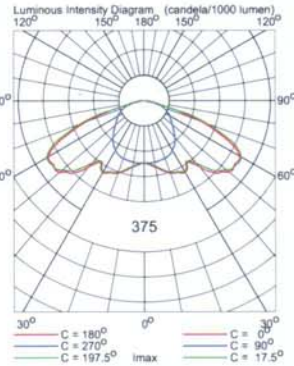
**Diagram**



**Reflector Ecomax**

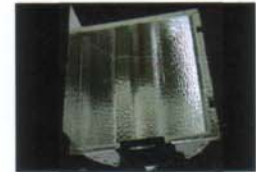
Art no	Product name
FV803HR 96	Reflector Ecomax

**Diagram**



**Reflector renewal clips**

Art no	Product name
FV860	Reflectorclips for Philips
FV807	Reflector Asymmetrical



**Reflector asymetrisk**

We offer reanodising of your used reflectors! Ask us for an offer!  
Special reflector on request.

# COMPONENTS

**Ignitor ZRM**



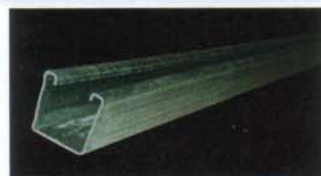
Art no	Product name	Producer
R1811	Ignitor ZRM 12 ES/CT 230V	TridonicAtco
R1810	Ignitor ZRM 6 ES/C 230V	TridonicAtco
R1813	Ignitor ZRM 6 ES/C 400V	TridonicAtco

**Capacitor**



Art no	Product name	Producer
R1730	Capacitor 45uF 280V metal	Electronicon
R1732	Capacitor 65uF 280V metal	Electronicon
VV7511	Capacitor 22,5uF 450V metal	Electronicon
VV7512	Capacitor 25uF 450V metal	Electronicon

**Rails for installation**



Art no	Product name	Producer
VV7400	Unistrut Rail a 6 meter	Tyco Building Services
VV7401	Unistrut Connection (incl. 4 screws)	Tyco Building Services

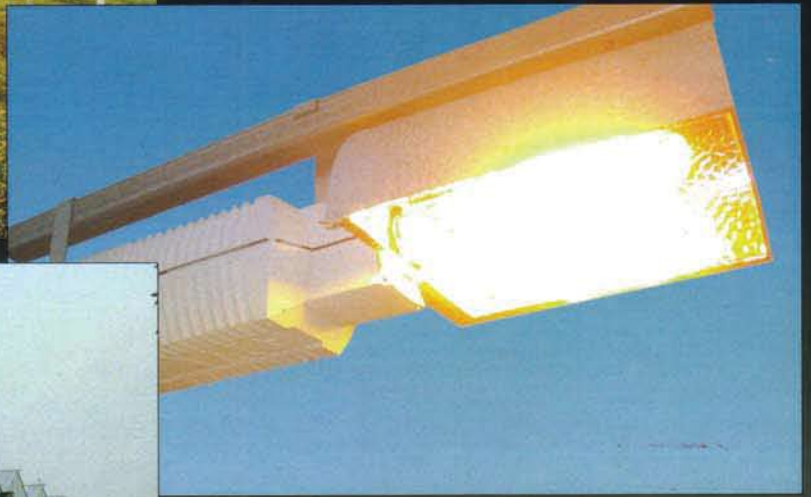
**Suspensions**



Art no	Product name	Producer
VV7620	Standard hooks for rails L=10 and H=120	
VV7720	Standard hooks for pipes D=48 and H=105	
VV7630	Standard hooks for Interlight	

We provide special hooks on request

# GAVITA horticultural lighting



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