



DNA UK Ltd,
Unit 1 Dean Farm,
Bighton Hill,
Ropley,
Alresford,
SO24 9SQ
Tel: 01962 772 666
Fax: 01962 772 660
Web: www.dnacap.com e mail: uk@dnacap.com

We are pleased to announce the release of a new range of electronic ballasts manufactured in the EU.

HID ELECTRONIC BALLASTS



Product Features

Lamp power range 45-250W
20% energy savings compared to magnetic ballasts.
Controlling and monitoring of lamp power for optimal lumen output.
Low-frequency regulated device enhances lamp efficiency.
Flicker-free operation of lamp and colour stability through constant power.
Short circuit protection
Open circuit safety
Overheat auto switch-off
Automatic cut-off in case of defective/missing lamp
Variations for high pressure sodium and metal halide lamps (ask us for compatibility file).
EMC compliance with EN55015:2006A1+2007 (RFI suppression), EN61000-3-2 (mains harmonics), EN61547 (immunity).
ENEC KEMA certified according to EN61347-1:2008, EN61347-2-12:2005,
Environmentally friendly, complying with RoHS.
The digital control increases lamp life up to 50%.
Options of dimmable ballasts via 1-10V or IPM (Intelligent Power Management) software.

Applications

Completely potted by silicon or varnish suitable for outdoor such as roads/tunnels, car parks and outdoor architectural applications.

Please contact us with your requirements on 01962 – 772666.

Full product details follow on the next 2 pages



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HID standard electrical ballasts:

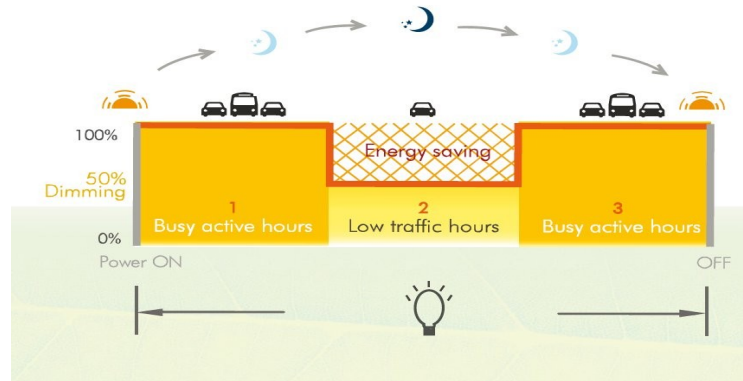
Reference	Code	Agreement	Lamp power	Input power	Input current	Tc	Dimensions (mm) Without cable H x W x L (N x M)	Dimensions (mm) With cable clamp H x W x L (N x M)	Box qty
EB EXT 70 CG	1213010	ENEC	70 W	78 W	350 mA	+70°C	40 x 90 x 145.5 (70 x 133.8)	40 x 90 x 171 (70 x 161.6)	20
EB EXT 100 CG	1213020	ENEC	100 W	108 W	490 mA	+75°C	40 x 90 x 145.5 (70 x 133.8)	40 x 90 x 171 (70 x 161.6)	20
EB EXT 150 CG	1213030	ENEC	150 W	163 W	720 mA	+80°C	40 x 90 x 145.5 (70 x 133.8)	40 x 90 x 171 (70 x 161.6)	20
EB EXT 250 CG	1213035	ENEC	250 W	270 - 273 W	1.2 A	+85°C	44.8 x 110 x 192 (55 x 182.2)	44.8 x 110 x 207 (55 x 195.2)	20
EB EXT 50 SDWT CG	1213550	ENEC	54 W	60 W	0.27 A	+65°C	40 x 90 x 145.5 (70 x 133.8)	40 x 90 x 171 (70 x 161.6)	20
EB EXT 100 SDWT CG	121560	ENEC	100 W	108 W	0.27 A	+75°C	40 x 90 x 145.5 (70 x 133.8)	40 x 90 x 171 (70 x 161.6)	20
EB EXT 45 CG	1213045	ENEC	45 W	50.5 W	0.23 A	+65°C	40 x 90 x 145.5 (70 x 133.8)	40 x 90 x 171 (70 x 161.6)	20
EB EXT 60 CG	1213060	ENEC	60 W	66.5 W	0.3 A	+65°C	40 x 90 x 145.5 (70 x 133.8)	40 x 90 x 171 (70 x 161.6)	20
EB EXT 90 CG	1213090	ENEC	90 W	97.5 W	0.445 A	+70°C	40 x 90 x 145.5 (70 x 133.8)	40 x 90 x 171 (70 x 161.6)	20
EB EXT 140 CG	1213140	ENEC	140 W	153 W	0.675 A	75°C	40 x 90 x 145.5 (70 x 133.8)	40 x 90 x 171 (70 x 161.6)	20

Rated input voltage: 220-240V
 AC input voltage 198-264V
 Input frequency: 50-60Hz
 Power factor: 0.98
 Operating frequency: 120Hz
 Ignition voltage: <4kV
 Withstand voltage test: 5mA
 Operating ambient temperature: -15°C - +50°C

End-of-life protection
 Automatic shutdown in case of lamp failure
 Thermal protection

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HID dimmable electrical ballasts:



Reference	Code	Agreement	Consumption		Input current	Tc	Dimensions (mm) Without cable H x W x L (N x M)	Dimensions (mm) With cable clamp H x W x L (N x M)	Box qty
			100% luminous flux	Reduced luminous flux*					
EB EXT DIM 70 CG 22-6 or 24-6	1212205 1212405	ENEC	78 W	43 W	350 mA	+70°C	40 x 90 x 145.5 (70 x 133.8)	40 x 90 x 171 (70 x 161.6)	20
EB EXT DIM 100 CG 22-6 or 24-6	1212210 1212410	ENEC	108 W	58 W	490 mA	+75°C	40 x 90 x 145.5 (70 x 133.8)	40 x 90 x 171 (70 x 161.6)	20
EB EXT DIM 150 CG 22-6 or 24-6	1212215 1212415	ENEC	163 W	88 W	720 mA	+80°C	40 x 90 x 145.5 (70 x 133.8)	40 x 90 x 171 (70 x 161.6)	20
EB EXT DIM 250 CG 22-6 or 24-6	1212220 1212420	ENEC	270 W	145 W	1.2 A	+85°C	44.8 x 110 x 192 (55 x 182.2)	44.8 x 110 x 207 (55 x 195.2)	20
EB EXT DIM 60 CG 22-6 or 24-6	1212235 1212435	ENEC	66.5 W	75%: 51.5 W	0.3 A	+65°C	40 x 90 x 145.5 (70 x 133.8)	40 x 90 x 171 (70 x 161.6)	20
EB EXT DIM 90 CG 22-6 or 24-6	1212240 1212440	ENEC	97.5 W	60%: 61.5 W	0.445 A	+70°C	40 x 90 x 145.5 (70 x 133.8)	40 x 90 x 171 (70 x 161.6)	20
EB EXT DIM 140 CG 22-6 or 24-6	1212245 1212445	ENEC	153 W	60%: 97 W	0.675 A	75°C	40 x 90 x 145.5 (70 x 133.8)	40 x 90 x 171 (70 x 161.6)	20

*Cosmopolis lamps can not be dimmed at 50% like the standard lamps. The maximum is admitted 75% for the 60%, and 60% for the 90 and 140W.

Rated input voltage: 220-240V
AC input voltage: 198-264V
Ignition voltage: <5kV
Input frequency: 50-60Hz
Power factor: 0.98
Operating frequency: 120Hz

Lengthens lamplife by approx. 50%
Cut energy consumption more than 40%
End-of-life protection / Flicker-free operation
Automatic restart after lamp replacement
Protection: Short & open circuit proof / Auto
shutdown in case of lamp failure / Operating
ambient temperature -15°C - +50°C

Intelligent Power Management (IPM) adjusting
automatically dimming operating schedule
according to different seasons

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