

An Innovative AC Solution

Ingeni-AC™

with SimpleDrive® AC technology

120 VAC Direct Input

S Series

AC LED modules

Incorporating our patented drive scheme-SimpleDrive®, Ingeni-AC™ represents a much simpler and more reliable solution for general lighting with 120VAC direct input.

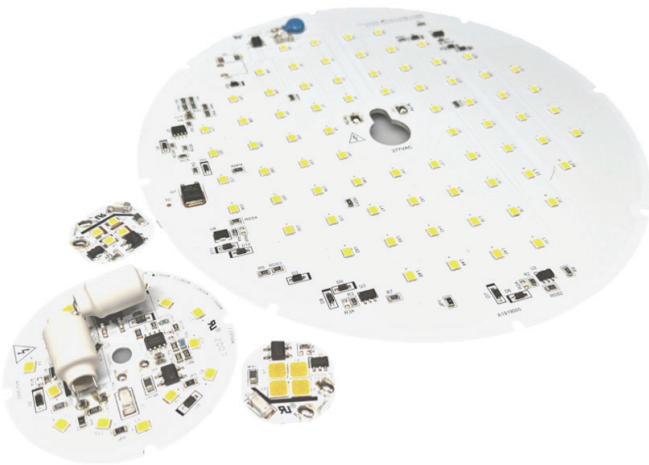
Ingeni-AC™ uses all semiconductor devices so there's no capacitor or coil needed. It packs high efficiency lighting power into a compact size which offers uniformity and configurability in an all solid state, dimmable package.

APPLICATIONS

- LED luminaires for both indoor and outdoor applications
- Architectural and landscape lighting
- General lighting applications

FEATURES

- Powered by SimpleDrive® AC technology
- Easy installation with plug-in connectors
- Compliant with UL safety standard
- LM80 6000hrs lifetime data available
- Environmentally friendly; RoHS compliance



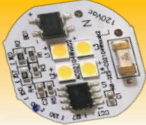
LED Components / Automotive Grade LEDs / IR & UV / LED Lighting Modules / Flexible Lighting / Custom Assembly

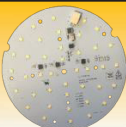
13815-C Magnolia Ave, Chino, CA 91710 | (888) 533-0800 | aboc@americanbrightled.com | www.americanbrightled.com

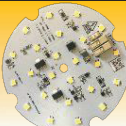


S Series

Ingeni-AC™ LED Modules

Product Image									
Part Number	AB-GES-C02104WxxNN2			AB-GES-C04108WxxBN2			AB-GES-C06112Wxx1N2		
AC watts	4			8			12		
AC Input	120Vac			120Vac			120Vac		
Dimensions	Dia. 24mm			Dia. 45mm			Dia. 60mm		
Substrate Type	MCPCB			D-FR4			D-FR4		
Thermal Tape	N			Y			Y		
CRI	>80			>80			>80		
Connector	N/A			UL Wire			BJB Connector x1		
LED Type	Lumileds 3030			Lumileds 3030			Lumileds 3030		
Dimming Range	10~100%			10~100%			10~100%		
Power Factor	0.9~0.95			0.9~0.95			0.9~0.95		
	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
	320	340	340	830	900	900	1200	1260	1260

Product Image									
Part Number	AB-GES-C14124Wxx1N2			AB-GES-C05108Wxx3T1			AB-GES-C06112Wxx3T2		
AC watts	24			8			12		
AC Input	120Vac			120Vac			120Vac		
Dimensions	Dia. 140mm			Dia. 55mm			Dia. 65mm		
Substrate Type	D-FR4			D-FR4			D-FR4		
Thermal Tape	Y			Y			Y		
CRI	>80			>80			>80		
Connector	BJB Connector x1			WAGO Connector x2			WAGO Connector x2		
LED Type	Lumileds 3030			Nichia 3030			Nichia 3030		
Dimming Range	10~100%			10~100% (Perfect)			10~100% (Perfect)		
Power Factor	0.9~0.95			0.9~0.95			0.9~0.95		
	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
	2400	2700	2700	700	760	760	1100	1180	1180

Product Image						
Part Number	AB-GES-C08115Wxx3T1			AB-GES-R08136Wxx1N2		
AC watts	15			36		
AC Input	120Vac			120Vac		
Dimensions	Dia. 80mm			80mm		
Substrate Type	D-FR4			MCPCB		
Thermal Tape	Y			N		
CRI	>80			>80		
Connector	WAGO Connector x2			WAGO Connector x1		
LED Type	Nichia 3030			Lumileds 3030		
Dimming Range	10~100% (Perfect)			10~100%		
Power Factor	0.9~0.95			0.9~0.95		
	3000K	4000K	5000K		4000K	
	1220	1300	1300		3600	



Title 24 Solutions available!

Contact American Bright
directly for details



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