

An Innovative AC Solution

Ingeni-AC™ Linear with SimpleDrive® AC technology

With our patented driving scheme-SimpleDrive®, Ingeni-AC represents a much simpler and more reliable solution for general lighting with 120VAC direct input. It packs high efficiency lighting power into a compact size which offers uniformity and configurability in an all solid state, diimmable package.

APPLICATIONS

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

FEATURES

- Powered by SimpleDrive® AC technology
- Serially connectable with plug-in connectors
- Compliant with UL safety standard
- LM80 6000hrs completed
- Environmental friendly; RoHS compliance
- Cover lens with 5VA material



Linear Series

Ingeni-AC™ LED Modules

Product Image				
Part Number	AB-GES-L08103Wxx4T1	AB-GES-L08106Wxx4T1	AB-GES-L15106Wxx4T1	AB-GES-L27104Wxx4N3
AC watts	3	6	6	4
AC Input	120Vac	120Vac	120Vac	120Vac
Dimensions	76 x 24mm	76 x 24mm	150 x 24mm	270 x 20mm
Substrate Type	D-FR4	MCPCB	D-FR4	D-FR4
Thermal Tape	Y	Y	Y	Y
CRI	>80	>80	>80	>80
Connector	WAGO Connector x4	WAGO Connector x4	WAGO Connector x4	WAGO Connector x4
LED Type	Lumileds 3030	Lumileds 3030	Lumileds 3030	Lumileds 3030
Dimming Score* (0~10)	10	1	10	4
Power Factor	0.9~0.95	0.9~0.95	0.9~0.95	0.9~0.95
	3000K 4000K 5000K 260 280 280	3000K 4000K 5000K 600 630 630	3000K 4000K 5000K 600 630 630	3000K 4000K 5000K 430 500 500

Product Image				
Part Number	AB-GES-L28112Wxx2N2	AB-GES-L28112Wxx4T2	AB-GES-L28112Wxx4T3	AB-GES-L54108Wxx4N3
AC watts	12	12	12	8
AC Input	120Vac	120Vac	120Vac	120Vac
Dimensions	280 x 24mm	280 x 24mm	280 x 24mm	540 x 20mm
Substrate Type	D-FR4	D-FR4	D-FR4	MCPCB
Thermal Tape	Y	Y	Y	N
CRI	>80	>80	>90	>80
Connector	WAGO Connector x2	WAGO Connector x4	WAGO Connector x4	WAGO Connector x4
LED Type	Lumileds 3030	Nichia 3030	Nichia 3030	Lumileds 3030
Dimming Score* (0~10)	1	10	10	5
Power Factor	0.9~0.95	0.9~0.95	0.9~0.95	0.9~0.95
	3000K 4000K 5000K 1220 1330 1330	3000K 4000K 5000K 1300 1400 1400	3000K 4000K 5000K 1100 1200 1200	3000K 4000K 5000K 880 960 960

Product Image				
Part Number	AB-GES-L56124Wxx4T3	AB-GES-L56124Wxx4T2	AB-GES-P28112WxxBFT1	AB-GES-P28112WxxBCT1
AC watts	24	24	12	12
AC Input	120Vac	120Vac	120Vac	120Vac
Dimensions	560 x 24mm	560 x 24mm	280 x 24mm	280 x 24mm
Substrate Type/ Lens Type	D-FR4	D-FR4	D-FR4/ 5VA lens	D-FR4/ 5VA lens
Thermal Tape	Y	Y	Y	Y
CRI	>90	>80	>80	>80
Connector	WAGO Connector x4	WAGO Connector x4	UL Wire	UL Wire
LED Type	Nichia 3030	Lumileds 3030	Lumileds 3030	Lumileds 3030
Dimming Score* (0~10)	10	10	10	10
Power Factor	0.9~0.95	0.9~0.95	0.9~0.95	0.9~0.95
	3000K 4000K 5000K 2000 2100 2100	3000K 4000K 5000K 2400 2700 2700	3000K 5000K 1080 1230	3000K 5000K 1080 1230

*Please Contact American Bright for Dimmer List Information