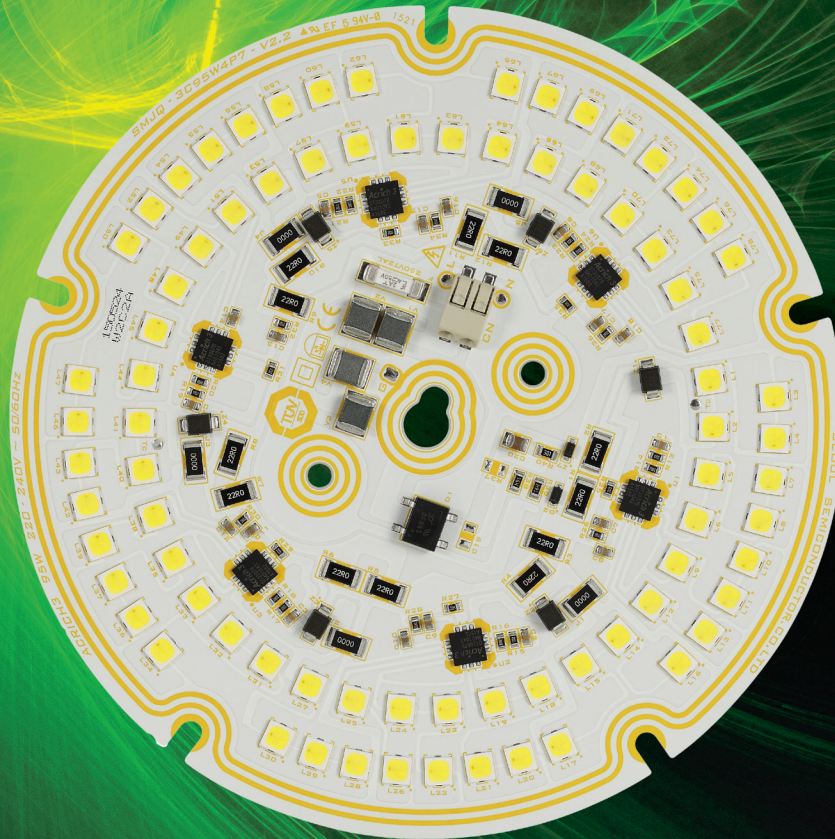


Acrich

AC-driver LED Technology



SEOUL SEMICONDUCTOR

www.seoulsemicon.com

Reliable & high efficiency lighting

Acrich-based modules are leading global lighting trends

Part number	Application	VAC	Watts	CCT (K)	CRI	Flux (min.)	Flux (typ.)	Diameter	Notes
SMJE-2D08W4PD	Indoor	120	8.5	2,600-6,000	Min. 80	670lm	750lm	46mm	Triac dimming
SMJE-2D08W4PE	Indoor	120	8.5	2,600-6,000	Min. 90	580lm	670lm	46mm	Triac dimming
SMJE-2D12W4PD	Indoor	120	12.5	2,600-6,000	Min. 80	910lm	1,020lm	46mm	Triac dimming
SMJE-2D12W4PE	Indoor	120	12.5	2,600-6,000	Min. 80	750lm	910lm	46mm	Triac dimming
SMJE-3D08W4PD	Indoor	220	8.5	2,600-6,000	Min. 80	750lm	830lm	46mm	Triac dimming
SMJE-3D12W4PD	Indoor	220	12.5	2,600-6,000	Min. 80	1,020lm	1,130lm	46mm	Triac dimming
SMJD-3C16W4PD	Indoor	220	16.6	2,600-6,000	Min. 80	1,600lm	1,750lm	70mm	Power compensation
SMJD-3H16W4PD	Indoor	220	16.6	2,600-6,000	Min. 80	1,650lm	1,800lm	78mm	Low flicker, power compensation
SMJD-3D12W4PD	Indoor	220	12.8	2,600-6,000	Min. 80	1,350lm	1,450lm	70mm	Triac dimming
SMJD-3D16W4PD	Indoor	220	16.6	2,600-6,000	Min. 80	1,600lm	1,750lm	70mm	Triac dimming
SMJD-3G16W4PD	Indoor	220	16.6	2,600-6,000	Min. 80	1,650lm	1,800lm	78mm	Low flicker, Triac dimming
SMJD-3D12W4P3	Indoor	220	12.5	2,600-6,000	Min. 80	1,130lm	1,360lm	78mm	Triac dimming
SMJD-3D16W4P3	Indoor	220	16.9	2,600-6,000	Min. 80	1,700lm	1,850lm	100mm	Triac dimming
SMJL-3P22W4P3	Indoor	220	22.0	2,600-7,000	Min. 80	2,350lm	2,600lm	390x570mm	Over temp. protection, power compensation, analog dimming
SMJQ-3CA5W4P7	Outdoor	220	105.0	3,700-6,000	Min. 80	10,500lm	11,500lm	145mm	Over temp. protection, power compensation
SMJQ-3C95W4P7	Outdoor	220	95.0	3,700-6,000	Min. 80	9,500lm	10,300lm	150mm	Over temp. protection, power compensation

Features and Benefits of Acrich 3

- Scalable for all power levels
- Smart light capable
- Long lifetime
- High power factor, low THD
- All-on-board solution (no extra power converter needed)
- Inventor and market leader in this technology

Key Applications

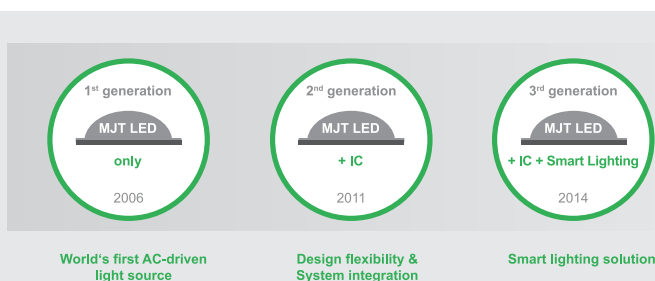
- Flush mounting
- Downlights
- High-bay lighting
- Industrial lighting
- Streetlights

Custom Acrich Module Solutions

In addition to our Acrich-based reference modules, we design tailor-made solutions in close cooperation with our customers that meet the requirements of specific lighting applications.

- Access to latest and brightest LED technology
- Local design support
- Cost-optimized Asian production sites
- No competition with end customers
- Low flicker solutions
- Proven Seoul Semiconductor quality
- IP-covered and safe modules

Development of Acrich Technology



Advantages of AC-driven LED Technology

