



PRODUCT CATALOGUE

LEDjds LED Sign Module Catalogue

Sealed LED modules for channel letters, three-dimensional luminous characters and light boxes, plus strip and neon flex for linear detail. Seven families covering sign depths from 25 mm to 200 mm.

Shenzhen Jinda Shun Technology Co., Ltd. was established in 2012 in Guangming, Shenzhen, and has specialised since then in LED advertising light source modules for plastic characters, three-dimensional luminous characters and light boxes. This catalogue lists every product published on www.jdsled.com with its family and its summary specification.

Key Figures

Figure	Value
Manufacturing LED advertising light sources since	2012
Products published with a full specification	25
Countries the manufacturer states it exports to	50+
Warranty published across the DC module range	5 yr

LED Sign Modules

Injection-moulded, potted LED modules for channel letters, 3D luminous characters and light boxes. Every model publishes its module size, the sign depth it is designed for, its beam angle, its IP rating and how many modules may be cascaded before power has to be fed again.

Product	Group	Summary
JDS-6515RGB/W	Bezel-Free Series 6515RGB/RGBW+IC	Addressable RGB/RGBW module with a built-in IC, 65 x 15 x 10 mm, IP68, for medium-sized signs 80 to 120 mm deep.
JDS-6515B	Bezel-Free Series 6515B	150 lm/W single-colour module, 65 x 15 x 10 mm, IP68, dual 12 V / 24 V input, for signs 80 to 120 mm deep.
JDS-3828D	Bezel-Free Series 3828D	Double-sided 1.5 W module at 93 lm/W, IP67, 8 pieces per metre, for signs deeper than 60 mm.
JDS-3828B	Bezel-Free Series 3828B	1.5 W backlit module at 93 lm/W, IP67, rated -40 to +60 C, for signs deeper than 60 mm.
JDS-7420V	Bezel-Free Series 7420V	3 W side-emitting module, 300 lm per piece, IP67, for single-sided boxes 50 to 100 mm and double-sided boxes 60 to 200 mm deep.
JDS-4035V	Bezel-Free Series 4035V	120 lm/W side-emitting module at 3 W and 360 lm per piece, IP67, eight pieces per metre.
JDS-3828V	Bezel-Free Series 3828V	1.5 W side-emitting module, 140 lm per piece, IP67, for light boxes where 3 W per piece would over-light the face.
JDS-6615RGB/RGBW	JDS-6615RGBW	6.5 mm-thin RGB/RGBW module with a bat-wing lens, 60 lm, IP67, 50 modules per chain.
JDS-3636RGB/RGBW	Bezel-Free Series 3636RGBW	1.44 W RGB/RGBW module at 100 lm/W, IP67, nine pieces per metre, for signs deeper than 150 mm.
JDS-3208B	Bezel-Free Series 3208B	208 lm/W mini module, 32 x 8 x 8.5 mm, IP68, 100 modules per double-ended run, for signs 30 to 50 mm deep.
JDS-1208B	Bezel-Free Series 1208B	The smallest module published here at 12 x 8 x 8.5 mm, 0.36 W, IP68, for narrow strokes in signs 30 to 50 mm deep.
JDS-6616B/AC120V/220V	Bezel-Free Series 6616B/AC120V/AC220V	Mains-driven module at AC 120 V or 220 V, 1.5 W, IP67, no DC driver needed inside the sign.
JDS-3939B/AC120V/220V	Bezel-Free Series 3939B/AC120V/AC220V	Square four-lens mains module, 39 x 39 x 9 mm, 2 W at AC 120 V or 220 V, IP67, for signs 120 to 200 mm deep.
JDS-7618B	Bezel-Free Series 7618B	Three-lens 76 mm module, 360 lm per piece at up to 170 lm/W, IP67, for signs 40 to 70 mm deep.
JDS-5118B	Bezel-Free Series 5118B	Two-lens 51 mm module, 240 lm per piece at up to 170 lm/W, IP67, for signs 30 to 60 mm deep.
JDS-4543B	Bezel-Free Series 4543B	Four-lens square module, 480 lm per piece at up to 4 W, IP67, the brightest single module published here.
JDS-2618B	Bezel-Free Series 2618B	Single-lens 26 mm module at 170 lm/W, IP67, rated for signs 25 to 50 mm deep - the shallowest depth in the high power family.
JDS-6616B	Bezel-Free Series 6616B	Three-lens 66 mm module at 170 lm/W and IP68, for deep channel letters and light boxes 80 to 120 mm deep.
JDS-4116B	Bezel-Free Series 4116B	Two-lens 41 mm module at 170 lm/W and IP68, for signs 50 to 80 mm deep.
JDS-3939B	Bezel-Free Series 3939B	Square four-lens DC module, 245 lm per piece, IP68, for deep signs 120 to 200 mm behind the face.
JDS-1812B	Bezel-Free Series 1812B	Single-lens mini module, 18 x 12 x 9 mm at 170 lm/W and IP68, 100 modules per double-ended run.

High Power LED Modules

Lens modules rated 1.5 W to 4 W per piece, for large-format channel letters and deep light boxes where a standard module cannot reach the face without hot spots showing through it.

Product	Group	Summary
JDS-3828D	Bezel-Free Series 3828D	Double-sided 1.5 W module at 93 lm/W, IP67, 8 pieces per metre, for signs deeper than 60 mm.
JDS-3828B	Bezel-Free Series 3828B	1.5 W backlit module at 93 lm/W, IP67, rated -40 to +60 C, for signs deeper than 60 mm.
JDS-7618B	Bezel-Free Series 7618B	Three-lens 76 mm module, 360 lm per piece at up to 170 lm/W, IP67, for signs 40 to 70 mm deep.
JDS-5118B	Bezel-Free Series 5118B	Two-lens 51 mm module, 240 lm per piece at up to 170 lm/W, IP67, for signs 30 to 60 mm deep.
JDS-4543B	Bezel-Free Series 4543B	Four-lens square module, 480 lm per piece at up to 4 W, IP67, the brightest single module published here.
JDS-2618B	Bezel-Free Series 2618B	Single-lens 26 mm module at 170 lm/W, IP67, rated for signs 25 to 50 mm deep - the shallowest depth in the high power family.

Mini LED Modules

Modules from 12 x 8 x 8.5 mm upward for narrow strokes, small letters and signs with only 30 to 50 mm of internal depth, where a full-size module physically will not fit inside the return.

Product	Group	Summary
JDS-3208B	Bezel-Free Series 3208B	208 lm/W mini module, 32 x 8 x 8.5 mm, IP68, 100 modules per double-ended run, for signs 30 to 50 mm deep.
JDS-1208B	Bezel-Free Series 1208B	The smallest module published here at 12 x 8 x 8.5 mm, 0.36 W, IP68, for narrow strokes in signs 30 to 50 mm deep.
JDS-1812B	Bezel-Free Series 1812B	Single-lens mini module, 18 x 12 x 9 mm at 170 lm/W and IP68, 100 modules per double-ended run.

Side-Emitting LED Modules

Side-firing modules with asymmetric 65x10 or 45x20 degree optics, mounted on the inside wall of a light box so the light travels across the face instead of straight at it.

Product	Group	Summary
JDS-7420V	Bezel-Free Series 7420V	3 W side-emitting module, 300 lm per piece, IP67, for single-sided boxes 50 to 100 mm and double-sided boxes 60 to 200 mm deep.
JDS-4035V	Bezel-Free Series 4035V	120 lm/W side-emitting module at 3 W and 360 lm per piece, IP67, eight pieces per metre.
JDS-3828V	Bezel-Free Series 3828V	1.5 W side-emitting module, 140 lm per piece, IP67, for light boxes where 3 W per piece would over-light the face.

AC LED Modules

Modules driven straight from AC 120 V or AC 220 V with no separate DC power supply in the sign, for installations where there is no room or no access for a driver box.

Product	Group	Summary
JDS-6616B/AC120V/220V	Bezel-Free Series 6616B/AC120V/AC220V	Mains-driven module at AC 120 V or 220 V, 1.5 W, IP67, no DC driver needed inside the sign.

Product	Group	Summary
JDS-3939B/AC120V/220V	Bezel-Free Series 3 939B/AC120V/AC220V	Square four-lens mains module, 39 x 39 x 9 mm, 2 W at AC 120 V or 220 V, IP67, for signs 120 to 200 mm deep.

RGB and RGBW Modules

Colour-changing modules in RGB and RGB+W, including a built-in-IC version for addressable effects, for signage and facade work that has to change colour rather than stay one temperature.

Product	Group	Summary
JDS-6515RGB/W	Bezel-Free Series 6515RGB/RGBW+IC	Addressable RGB/RGBW module with a built-in IC, 65 x 15 x 10 mm, IP68, for medium-sized signs 80 to 120 mm deep.
JDS-6615RGB/RGBW	JDS-6615RGBW	6.5 mm-thin RGB/RGBW module with a bat-wing lens, 60 lm, IP67, 50 modules per chain.
JDS-3636RGB/RGBW	Bezel-Free Series 3636RGBW	1.44 W RGB/RGBW module at 100 lm/W, IP67, nine pieces per metre, for signs deeper than 150 mm.

LED Strip and Neon Flex

Flexible strip and neon flex for cove lighting, edge lighting and linear detail: COB CCT, 5050 RGBW, DMX512-addressable neon flex and a 220 V high-voltage strip that runs long lengths without a low-voltage driver.

Product	Group	Summary
DMX512 Neon Flex Strip, 60 LEDs/m	RCC60AF12Z-1225-DMX512	DMX512-addressable RGBW neon flex, 60 LEDs/m, 24 V, 450 lm/m, cut every 100 mm, 5 m per roll.
COB LED Strip, CCT Series, 640 LEDs/m	RB0Z0WW08A	Dot-free COB strip at 640 LEDs/m, 24 V, 800 lm/m, Ra > 90, cut every 25 mm.
5050 LED Strip, Colorful Series, RGBW 60 LEDs/m	R060AH10Q (12 V) / R060AH10R (24 V)	SMD5050 RGBW strip at 60 LEDs/m, 17.2 W/m, available in a 12 V and a 24 V model with different cut lengths.
2835 LED Strip, High Voltage Series, 120 LEDs/m	R7C0GX10I	220 V mains strip at 120 LEDs/m, 1440 lm/m and 120 lm/W, cut every 100 mm.

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