Mini Acrylic LED Letters

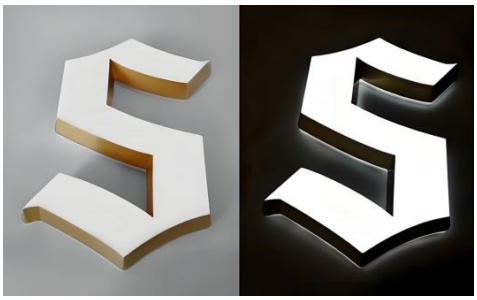
Section 1:	**Mini Acrylic LED Letters** Mini Acrylic LED Letters are ultra-slim illuminated letters made with precision-cut acrylic faces, metal backs, and side-lit LED modules. Designed for close-view brand displays, they deliver a clean, refined lighting effect in a compact letter structure. **DIKA SIGN ®** helps signage partners deliver slim, uniform, and installation-ready acrylic LED letters through precise machining, optical layout, sealing control, and project-ready packaging. **Applications** ● Retail stores, cafés, salons, and boutique brand spaces ● Reception walls, front desk logos, and office feature walls ● Exhibition booths, pop-up stores, and event branding ● Window displays, counters, cabinets, and close-range promotional signs ● Small logo shapes, icons, room names, and interior wayfinding details

Section 3: Key Advantages

Icon + **Slim & Refined**	**Icon +** **Even LED Illumination**	**Icon +** **Built for Stable Projects**
15–30 mm letter depth creates a light, minimal look for close-view interiors and compact storefronts.	Optimized side lighting and acrylic transmission reduce hot spots, shadows, and color inconsistency.	UV-resistant acrylic, sealed wiring, and installation templates help reduce yellowing, rework, and on-site alignment issues.

Section 4: Project Challenges & DIKA SIGN Solutions

Product Challenge 01: **Uneven Lighting and Visible Hot Spots**	**DIKA SIGN ® Solution** ✓ LED layout is matched to depth, stroke

Limited letter depth makes lighting control difficult, often causing hot spots, dark edges, or weak nighttime visibility. ✘ LED spacing is not matched to letter depth or stroke width. ✘ Low-grade LEDs create color deviation and faster lumen decay. ✘ Poor reflective backing reduces light output and creates dark zones. 	width, and acrylic light transmission. ✓ Brand LED modules are used for stable color temperature and slower lumen decay. ✓ Reflective backing and acrylic edge finishing are controlled for better light distribution. **Solution Value** ✓ More uniform illumination with fewer visible dark areas. ✓ Cleaner close-view brand presentation. ✓ Lower risk of rework, lighting correction, and after-sales complaints.
Product Challenge 02: **Acrylic Aging & Edge Defects** Mini LED letters are viewed at close range, so yellowing, scratches, glue marks, or cracked edges quickly reduce the perceived quality. ✘ Standard acrylic may yellow or become brittle after long-term light exposure. ✘ Cutting or bending stress can cause cracks around tight curves. ✘ Rough edges, visible glue lines, or scratches are easily noticed in premium retail spaces. 	**DIKA SIGN ® Solution** ✓ UV-resistant acrylic is used for better clarity and long-term color stability. ✓ CNC cutting, polishing, bonding, and forming are controlled to reduce internal stress. ✓ Protective film or optional anti-scratch treatment can be applied for sensitive finishes. **Solution Value** ✓ Cleaner close-view details and more consistent brand presentation. ✓ Lower risk of yellowing, cracking, and premature replacement. ✓ Better long-term value for retail and interior brand programs.

Product Challenge 03:	**DIKA SIGN ® Solution**

Alignment, Wiring & Installation Risk For multi-letter logo sets, small alignment errors, exposed wires, or weak fixing methods can make the final sign look unprofessional. ✘ Without a positioning template, letter spacing and baseline alignment are easy to lose on site. ✘ Wrong fixing methods may create gaps, tilted letters, or weak adhesion on glass and stone. ✘ Unprotected wiring and power connections increase failure risk in semi-outdoor areas. 	✓ Full-size installation templates are supplied for accurate spacing and faster positioning. ✓ Fixing options are matched to the wall surface, including screws, embedded nuts, hanging plates, or high-bond tape. ✓ Wiring routes, waterproof connectors, and power supply options can be prepared before shipment. **Solution Value** ✓ Faster installation with fewer alignment mistakes. ✓ Cleaner finished appearance with concealed wiring and controlled fixing details. ✓ Lower site dependency for overseas sign companies and local installers.

Section 5: Product Types

		
Front-Lit Mini Letters	**Halo-Lit Mini Letters**	**Front & Halo-Lit Mini Letters**
Bright front illumination for retail logos, boutique stores, reception walls, exhibition booths, and close-view brand displays	Soft back glow for premium interior walls, office logos, restaurants, cafés, galleries, and refined brand atmospheres.	Dual lighting effect for stronger visual depth, combining clear front visibility with a soft background glow.

Section 6: Why Choose DIKA SIGN?

Icon + **Slim, Clean, and Built for Close-View Branding** Ultra-slim acrylic LED letters are built for refined retail, reception, exhibition, and close-view brand displays. **Aluminum or Stainless Steel?**	**Icon +** **Project-Ready Manufacturing** From engineering to packaging, every detail is built for smoother project delivery. **See How We Deliver Projects**	**Icon +** **30 Years of Signage Expertise** Three decades of experience help reduce rework, risk, and production uncertainty. **About DIKA SIGN ®**	**Icon +** **OEM / ODM Partner Only** We support sign companies and design firms without competing for your end clients. **Partner With DIKA SIGN ®**

Section 7: FAQ

Q1: What is the difference between Mini Acrylic LED Letters and regular channel letters?
A: Mini Acrylic LED Letters are slimmer, usually around **15–30 mm deep**, depending on size and lighting needs. They are ideal for close-view retail displays, reception walls, window signage, and exhibition branding. Regular channel letters are deeper and better for larger outdoor signs viewed from a distance.

Q2: Can Mini Acrylic LED Letters be used outdoors?
A: Yes. They can be used in semi-outdoor or protected outdoor areas. For outdoor use, we recommend UV-resistant acrylic, sealed wiring, and outdoor-grade power supplies. Fully exposed locations should be checked for waterproof structure, fixing method, and site conditions before production.

Q3: Will the acrylic face turn yellow over time?
A: DIKA SIGN uses UV-resistant acrylic to reduce early yellowing and improve long-term clarity. Actual performance depends on sunlight exposure, installation environment, and maintenance. Proper material selection, edge finishing, and sealing help keep a stable appearance.

Q4: Can you match our brand color or special logo shape?
A: Yes. Standard colors depend on available acrylic sheet options. For batch projects, custom acrylic colors can be developed after sample confirmation. We also support translucent acrylic, frosted faces, printed graphics, special curves, symbols, and mixed-language logos.

Q5: What installation methods are available?
A: Common options include screw fixing, embedded nuts, hanging plates, 3M high-bond tape, and pre-assembled mounting panels. The fixing method depends on wall substrate, letter size, weight, and installation environment. DIKA SIGN can provide templates or mounting details to reduce on-site alignment errors.

Q6: Can DIKA SIGN support certified electrical components and OEM / ODM orders?
A: Yes. UL or CE-compliant LED power supplies, connectors, and wiring components are available according to project needs. DIKA SIGN works as an OEM / ODM partner for sign companies and design firms, providing fabrication support without competing for your end clients.

迷你亚克力 LED 发光字

第 1 部分：	**迷你亚克力 LED 发光字** 迷你亚克力 LED 发光字是一种超薄型立体发光标识，由精密切割亚克力面板、金属背板和侧光 LED 模块组成。它专为近距离品牌展示而设计，在紧凑的字壳结构中呈现干净、精致的发光效果。

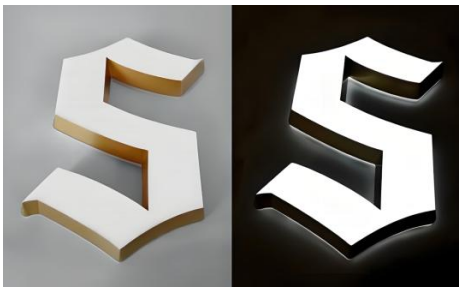
	DIKA SIGN ® 鼎泰狮 通过精密加工、光学布局、密封控制和项目化包装，帮助标识合作伙伴交付更薄、更均匀、更适合安装的亚克力 LED 发光字。 应用场景 ● 零售店、咖啡馆、沙龙及精品品牌空间 ● 接待区背景墙、前台 LOGO 和办公室形象墙 ● 展会展位、快闪店和活动品牌展示 ● 橱窗展示、柜台、展柜和近距离促销标识 ● 小型 LOGO 造型、图标、房间名称和室内导视细节

第 3 部分：核心优势

图标 + **轻薄精致**	图标 + **LED 均匀发光**	图标 + **为稳定项目交付而设计**
15–30 mm 字母深度营造轻盈、简洁的视觉效果，适合近距离室内空间和小型店面展示。	优化侧光布局和亚克力透光性能，减少亮点、阴影和色温不一致。	抗 UV 亚克力、密封接线和安装模板，有助于减少黄变、返工和现场对位问题。

第 4 部分：项目挑战与 DIKA SIGN ® 鼎泰狮 解决方案

产品挑战 01： **发光不均与可见亮点** 字母深度有限会增加控光难度，容易出现亮点、暗边或夜间识别不足。 ✘ LED 间距未匹配字母深度和笔画宽度。 ✘ 低品质 LED 容易产生色温偏差，并加快光衰。	**DIKA SIGN ® 鼎泰狮 解决方案** ✓ LED 布局根据字深、笔画宽度和亚克力透光率进行匹配。 ✓ 采用品牌 LED 模块，确保色温稳定并降低光衰速度。 ✓ 控制反光背衬和亚克力边缘处理，以改善光线分布。 **方案价值**

✘ 反光背衬效果差，会降低光输出并形成暗区。 	✓ 发光更均匀，可见暗区更少。 ✓ 近距离品牌展示更干净、更精致。 ✓ 降低返工、补光调整和售后投诉风险。
产品挑战 02： **亚克力老化与边缘瑕疵** 迷你 LED 发光字通常近距离观看，因此黄变、划痕、胶痕或边缘开裂都会迅速拉低标识质感。 ✘ 普通亚克力在长期光照后可能发黄或变脆。 ✘ 切割或折弯产生的内应力，可能导致小弧度位置开裂。 ✘ 粗糙边缘、可见胶线或划痕，在精品零售空间中很容易被注意到。 	**DIKA SIGN ® 鼎泰狮 解决方案** ✓ 采用抗 UV 亚克力，提升清晰度和长期色彩稳定性。 ✓ 控制 CNC 切割、抛光、粘接和成型工艺，减少内部应力。 ✓ 可针对敏感表面应用保护膜或可选防刮处理。 **方案价值** ✓ 近距离细节更干净，品牌呈现更一致。 ✓ 降低黄变、开裂和过早更换风险。 ✓ 为零售与室内品牌项目带来更好的长期价值。

产品挑战 03： **对位、接线与安装风险** 对于多字母 LOGO 组合，轻微的对位误差、外露电线或不可靠的固定方式，都会让最终标识显得不专业。 ✘ 缺少定位模板时，现场容易丢失字距和基准线对齐。 ✘ 错误的固定方式可能导致缝隙、字母倾斜，或	**DIKA SIGN ® 鼎泰狮 解决方案** ✓ 提供 1:1 安装定位模板，确保字距准确并提升现场定位效率。 ✓ 固定方式根据墙面匹配，包括螺丝、预埋螺母、挂板或高强度胶带。 ✓ 可在出货前预处理走线路径、防水连接器和电源方案。 **方案价值**

在玻璃、石材上粘接不牢。 ✘ 未受保护的接线和电源连接会增加半户外区域的故障风险。  	✓ 安装更快，对位错误更少。 ✓ 隐藏接线与受控固定细节，使成品外观更干净。 ✓ 降低海外标识公司和本地安装团队对现场经验的依赖。

第 5 部分：产品类型

 	 	
正面发光迷你字	**背面发光迷你字**	**正背发光迷你字**
正面高亮发光，适用于零售 LOGO、精品店、接待区背景墙、展会展位和近距离品牌展示。	柔和背部光晕，适用于高端室内背景墙、办公室 LOGO、餐厅、咖啡馆、画廊和精致品牌氛围营造。	双重发光效果带来更强视觉层次，同时兼具清晰正面识别和柔和背景光晕。

第 6 部分：为什么选择 DIKA SIGN ® 鼎泰狮？

图标 + **轻薄、干净，为近距离品牌展示而设计** 超薄亚克力 LED 发光字适用于精致零售、接待区、展会和近距离品牌展示。 铝还是不锈钢？	图标 + **项目化制造** 从工程深化到包装，每一个细节都服务于更顺畅的项目交付。 查看我们的项目交付方式	图标 + **30 年标识经验** 三十年行业经验，帮助减少返工、风险和生产不确定性。 关于 DIKA SIGN	图标 + **只做 OEM / ODM 合作伙伴** 我们支持标识公司和设计公司，不与您的终端客户竞争。 与 DIKA SIGN 合作

Section 7: FAQ

Q1：迷你亚克力发光字和普通发光字有什么区别？

A：迷你亚克力发光字更薄，通常厚度约为 **15–30 mm**，具体取决于字的尺寸和发光需求。它更适合近距离观看的零售展示、前台背景墙、橱窗标识和展览品牌展示。普通发光字通常更厚，更适合远距离观看的大型户外招牌。

Q2：迷你亚克力发光字可以用于户外吗？

A：可以。它可用于半户外或有遮挡的户外区域。若用于户外，我们建议采用抗 UV 亚克力、密封接线和户外级电源。对于完全暴露的户外位置，生产前应确认防水结构、固定方式和现场环境条件。

Q3：亚克力面板会随时间变黄吗？

A：DIKA SIGN 采用抗 UV 亚克力，以减少早期黄变并提升长期透明度。实际表现会受日照强度、安装环境和维护情况影响。合理的材料选择、边缘处理和密封工艺，有助于保持更稳定的长期外观。

Q4：可以匹配我们的品牌颜色或特殊 LOGO 造型吗？

A：可以。常规颜色取决于现有亚克力板材选项。对于批量项目，可在样品确认后开发定制亚克力颜色。我们也支持半透明亚克力、磨砂面、印刷图案、特殊曲线、图标符号和中英文组合 LOGO。

Q5：有哪些安装方式可选？

A：常见方式包括螺丝固定、预埋螺母、挂板、3M 高粘胶带和预组装安装底板。固定方式需根据墙面基材、字的尺寸、重量和安装环境确定。DIKA SIGN 可提供安装模板或预制安装细节，以减少现场对齐误差。

Q6：DIKA SIGN 可以支持认证电气组件和 OEM / ODM 订单吗？

A：可以。我们可根据项目需求提供符合 UL 或 CE 标准的 LED 电源、连接件和接线组件。DIKA SIGN 作为标识公司和设计公司的 OEM / ODM 合作伙伴，提供生产制造支持，不与您的终端客户竞争。