



Snap-in 1W LED Module

The 1W snap-in type LED module uses a wedge-shaped base socket supplied by Stanley. This snap-in arrangement requires no soldering and is easily installed and removed. White and warm white color temperatures have a high color-rendering of up to 95. Also available in red, green, and blue for semi-custom applications.



22 mm in diameter x 27 mm high

Features ▶

- Socket system enables mount or demount without soldering
- High-color rendering, Ra=90 (typical)
- Four color temperatures (3,300°K, 4,200°K, 5,000°K, and 6,500°K)
- Two lens types (narrow angle 30° and wide angle 60°)

Benefits ▶

- Twist-and-lock—easy-to-mount one-touch without soldering
- High-color rendering for high quality lighting applications
- Enables light fixtures to be thinner
- Lifetime of 40,000 hours at 70%

Applications ▶

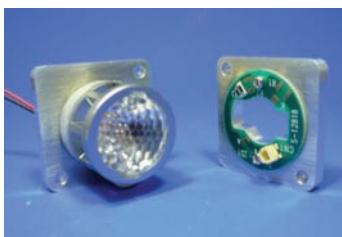
- Showcase illumination
- Interior lighting (fixtures, chandeliers, etc.)
- Architectural lighting (cove lighting, etc.)
- Other lighting applications that require high-color rendering

Product Specifications ▶

Part Number	Type	Color	Color Temp. (°K)	Wavelength (nm)	Voltage (V)	Power Consumption (W)	Lens Type	Viewing Angle (θ)	Luminous Flux (lm)*	Luminous Intensity (Lux @ 1m)	Markets
SNN1131N	Ra95	White	5,000	NA	3.3	1	NA	30	21	63	CL
SNN1161N		White	5,000	NA	3.3	1	NA	60	21	10	CL
SNW1131N		Warm white	3,300	NA	3.3	1	NA	30	19	57	CL
SNW1161N		Warm white	3,300	NA	3.3	1	NA	60	19	9	CL
SNP1131N	Ra92	Pure white	4,200	NA	3.8	1.1	NA	30	49	137	CL
SNP1161N		Pure white	4,200	NA	3.8	1.1	NA	60	49	21	CL
SNC1131N	Ra70	Cool white	6,500	NA	3.8	1.1	NA	30	73	188	CL
SNC1161N		Cool white	6,500	NA	3.8	1.1	NA	60	73	36	CL

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Sockets are available in constant-voltage or constant-current

Triple 1W LED Light Module

The triple 1W LED module contains three individual 1W devices in a single package. The design includes heat dissipating fins eliminating the need for additional heat sinking. With a high-color rendering of Ra=90 (typical), this part can be used in a variety of commercial and architectural lighting applications.



Features ▶

- High-color rendering, Ra=90 (typical)
- Low-profile design includes heat dissipating fins
- High-performance lens in 30° and 60° with no irregularity
- Secured only by three pins on rear surface
- Four different color temperatures available

Benefits ▶

- Up to 75 lm brightness available in one package
- Built-in heat dissipating fins require no additional heat sinking
- Easy to install with DC12V-300 mA constant current power supply

Applications ▶

- Down lighting
- Showcase illumination
- Architectural lighting
- Table lighting
- Shelf lighting



53.9 mm in diameter x 26.7 mm high

Product Specifications ▶											
Part Number	Type	Color	Color Temp. (°K)	Wavelength (nm)	Voltage (V)	Power Consumption (W)	Lens Type	Viewing Angle (θ)	Luminous Flux (lm)*	Luminous Intensity (Lux @ 1m)	Markets
TRN1331S	Ra=95	White	5,000	NA	10.2	3	NA	30	73	235	CL
TRN1361S		White	5,000	NA	10.2	3	NA	60	73	53	CL
TRW1331S		Warm white	3,300	NA	10.2	3	NA	30	65	207	CL
TRW1361S		Warm white	3,300	NA	10.2	3	NA	60	65	38	CL
TRP1331S	Ra=92	Pure white	4,200	NA	11.4	3.3	NA	30	146	459	CL
TRP1361S		Pure white	4,200	NA	11.4	3.3	NA	60	146	94	CL
TRC1331S	Ra=70	Cool white	6,500	NA	11.4	3.3	NA	30	219	593	CL
TRC1361S		Cool white	6,500	NA	11.4	3.3	NA	60	219	134	CL

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Single 3W LED Module

Using a high-output, high-color rendered LED, this module provides high-quality light from a single lamp making it usable for a variety of lighting applications.



34.8 mm in diameter x 20 mm high without heat sink

Features ▶

- High-color rendition of Ra=95
- High luminous flux: 90 lm at 5,000°K, 70 lm at 3,300°K
- Available in two color temperatures, 3,300°K and 5,000°K
- No soldering required; constant current and constant voltage to connect via small circuit board
- Available in two spatial distribution angles of 25° and 45°

Benefits ▶

- LED light source where high-color rendition is required with bright intensity
- Life of 40,000 hours where properly heat sinked
- Simplistic design makes it usable for many different applications

Applications ▶

- Spotlighting (museums, clothing, and food)
- Downlighting (conference room, building entrance)
- Reading lighting
- Pendant lighting fixtures

Product Specifications ▶

Part Number	Type	Color	Color Temp. (°K)	Wavelength (nm)	Voltage (V)	Power Consumption (W)	Lens Type	Viewing Angle (θ)	Luminous Flux (lm)*	Luminous Intensity (Lux @ 1m)	Markets
SIN3121N	Ra=95	White	5,000	NA	21	2.5	NA	25	80	220	CL
SIN3141N		White	5,000	NA	21	2.5	NA	45	80	57	CL
SIW3121N		Warm white	3,300	NA	21	2.5	NA	25	64	200	CL
SIW3141N		Warm white	3,300	NA	21	2.5	NA	45	64	50	CL

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Slim Stick LED Light Modules

Coming in two different configurations, the Slim Stick offers a low-profile stick type LED module that can be installed in confined spaces where lighting could not have occurred before. By using a dedicated connector, Slim Sticks can be connected allowing flexibility in lighting design. The Slim Stick S type is an excellent high-quality LED light source for architectural applications while the Slim Stick F type can be an LED replacement for traditional fluorescent lamps in commercial applications.



Features ▶

- S type—comes in two different LED configurations 15 LED at 20 mm pitch and 30 LED at 10 mm pitch
- S type—comes in two different colors, cool white and warm white; also available in blue for semi-custom applications
- S type—high brightness of 80 lm for the 30 LED configuration
- S type—low profile at 3 mm high
- F type—high quality performance (Ra=96) of 450 lm that can operate at low temperatures and provide long life

Benefits ▶

- Long life at up to 30,000 hours
- No heat dissipation around food storage
- S type can be connected end-to-end for flexibility of design

Applications ▶

- S type—architectural applications such as stairways, hand rails, counters, and shelving
- S type—furniture can be accented with lighting such as headboards, tables, and sideboards
- F type—refrigerated food cases, fruit and vegetable presentations, dairy and pastry cases



294 mm long x 13 mm wide x 3 mm high



Slim Stick F Type

Product Specifications ▶

Part Number	Type	Color	Color Temp. (°K)	Wavelength (nm)	Voltage (V)	Power Consumption (W)	Lens Type	Viewing Angle (θ)	Luminous Flux (lm)*	Luminous Intensity (Lux @ 1m)	Markets
STN0101N (S type)	30 LEDs	Cool white	5,000	NA	DC12	2.4	NA	NA	55	12.5	CL
STW0101N (S type)		Warm white	3,300	NA	DC12	2.4	NA	NA	45	20	CL
STN0201N (S type)	15 LEDs	Cool white	5,000	NA	DC12	1.2	NA	NA	24	10	CL
STW0201N (S type)		Warm white	3,300	NA	DC12	1.2	NA	NA	24	10	CL
STN0061S (F type)	10 LEDs	Cool white	5,000	NA	DC24	8	NA	66	450	300	CL

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Arrow Electronics Lighting Group

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