

3M™ LED advanced light



Energy Efficiency without the Compromise

Replaces CFL halogen, MIH and incandescent bulbs

- Excellent light without mercury
- No warm-up required

Significant energy savings

Lamps require less wattage to match the light output of conventional bulbs.

Excellent thermal management

The A19 is ideal for use in enclosed luminaires.

Excellent light distribution

Light is evenly distributed across entire bulb putting the light where you want it.

Direct replacement into existing fixtures

- A19 fits traditional (Edison) sockets
- PAR38, BR-30 and PAR-30L fit medium screw base
- GU-10 is compatible with GU-10 sockets
- MR-16 is compatible with GU-5.3 base

The 3M LED advanced light casts a beautiful glow on energy savings. The highly efficient light lamps consume a fraction of the electricity burned by conventional incandescent bulbs, yet emit a soft, natural-looking light.



Where long bulb life and energy savings are important



Gold Edison Award
Winner for Innovation
in Energy



A19 made in USA with
global components

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3M™ LED advanced lighting for Commercial Applications										
Type	Image	Feature	Item #	Mfr #	Lumens	CCT	Power (W)	Beam Angle	CRI	CBCP
A19		- Ideal for enclosed luminaires - Dimmable	146-387	MMMCA19B3	800	3000	12	N/A	81	N/A
			146-414	MMMCA19B4	800	4000	12	N/A	83	N/A
			146-468	MMMCA19C3	700	3000	10	N/A	81	N/A
			146-486	MMMCA19C4	700	4000	10	N/A	82	N/A
PAR-38*		- Dimmable - Ultra-light - Fixed wattage	148-043	MMMRCPAR38B27	900	2700	15	25°	82	3800
			148-079	MMMRCPAR38B3	1,000	3000	15	25°	82	4250
BR-30		- Dimmable to 5% - Smooth beam pattern	148-142	MMMRBR30B27	810	2700	12	Flood	82	N/A
			148-178	MMMRBR30B3	830	3000	12	Flood	82	N/A
PAR-30L*		- Dimmable - Ultra-light - Fixed wattage	148-187	MMMRCPAR30LB3	820	3000	13	25°	82	3525
			148-196	MMMRCPAR30LB27	760	2700	13	25°	82	3268
GU-10*		- Dimmable - Fixed wattage	148-322	MMMRGU10A27	415	2700	7	25°	80	1600
MR-16*		- Dimmable - Fixed wattage	148-277	MMMRMR16A27	415	2700	6	25°	80	1600

*Features Proprietary 3M™ CrimpFin™ Heatsink Design

Glossary:

- Lumens – Measurement of light emitted. The higher the number, the brighter the light. Instead of measuring brightness in energy use (40 watt, 60 watt, etc.), measuring brightness in lumens is useful for comparing bulbs with different energy use rates.
- CCT (Correlated Color Temperature) – Color of the light emitted measured in Kelvin (K). The lower the Kelvin (K) temperature, the warmer the light feels or appears.
- Power (Wattage) – Measurement indicating power consumption.
- Beam Angle – The angle at which light is emitted.
- CRI (Color Rendering Index) – Measurement, in very basic terms, of how the light mimics the sun in showing color on an object. A measurement of 80 or higher is good.
- CBCP – Measures how accurately emitted light stays within the 25° area.

Warranty; Limited Remedy; Limited Liability.

LIMITED REMEDY: Warranted to last 5 years based on 12 hours normal use per day at 120 V. 3M makes no other warranties, express or implied, including any warranty of merchantability or fitness for a particular purpose. At 3M's option, refund or replacement is the sole remedy. This Limited Warranty does not cover accident, neglect, abuse, misuse or acts of God. LIABILITY FOR DIRECT, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES IS EXPRESSLY EXCLUDED, except where prohibited by law. For warranty claims and additional details, please visit www.3MLighting.com/LED.



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