



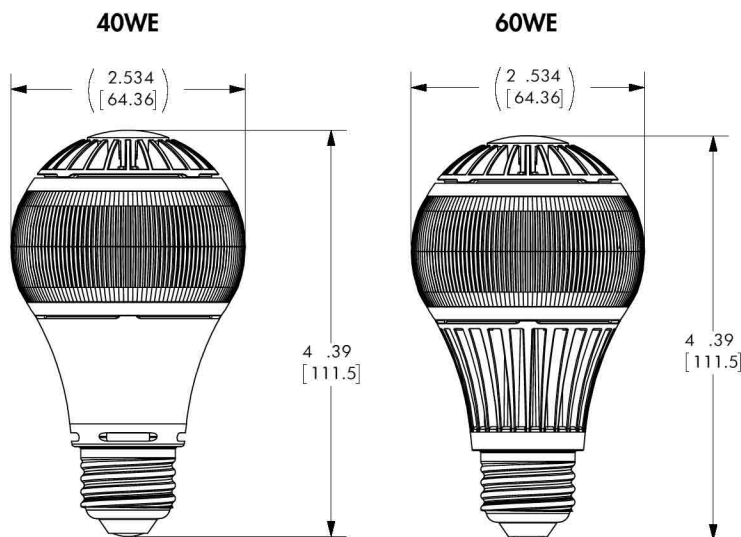
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BENEFITS

- Dimmable to 5% of light on most dimmers.¹
- 8/12 watts – 80% more efficient than comparable 40/60 watt Incandescent lamps.
- Maintenance free operation, lasts up to 50 times longer than conventional lighting.
- RoHS compliant – contains no mercury or lead.

FEATURES¹

Equivalent Source	Up to 40W & 60W Incandescent
L70 lumen depreciation design criteria	40W: Up to 50,000 hrs 60W: Up to 25,000 hrs Based on usage.
Housing	Thermally Conductive Plastic
Socket	E26
Operating Temperature	-20°C to +40°C
E26 MOL	4.39 in, 111.5mm
Weight	40 W: 3.8 oz., 108g 60 W: 4.9 oz., 141g
Power Factor	≥.90
Warranty	5 year limited
Voltage	120V



Specifications supplied are nominal. Please refer to the DOE's Lighting Facts Tolerance Guidelines.
¹ Values are nominal, advances from further innovation, specifications are subject to change.
² See dimmer compatibility chart page on next page.



ORDERING INFORMATION \ A19 40WE W27 120

Family	Product	Wattage Equivalency		Color (CCT)		Voltage	
DFN Definity	A19 A19	40WE	40 Watt Equivalent	W27	Warm White 2700K	120	120 Volts
		60WE	60 Watt Equivalent	WW	Warm White 3000K		
				NW	Neutral White 4000K		
				CW	Cool White 5000K		

NORTH AMERICAN CERTIFICATIONS



ENVIRONMENT





LED Lamps Installed in Outdoor Environments

Classic Lamp Posts suggests that a silicone moisture-barrier sealant be used to protect the metal-threaded base of the LED bulb. Sealant is highly recommended for all outdoor-environment LED bulb installations to prevent water and/or moisture incursion that can lead to premature degradation of the bulb base and eventual bulb failure.

Dow Corning Molykote® 111 Valve Lubricant and Sealant is a high-temperature, moisture-resistant, silicone grease. If liberally applied to the clean surface of the lamp socket and the base of the lamp itself, it will provide moisture and corrosion resistance.

Please see attached spec sheet.

Molykote[®] 111 Compound

FEATURES

- Wide service temperature range (-40°C/-40°F to 200°C/392°F)
- Excellent water resistance
- Compatible with many plastics and elastomers
- Low vapor pressure
- Low volatility
- Meets several global standards for water contact

COMPOSITION

- Silicone oil
- Inorganic thickener

APPLICATIONS

- Lubrication for control and pressure plug valves, water softener and faucet valves.
- Sealant for vacuum and pressure systems.
- Sealant for outdoor equipment (also shipboard) subject to washing and harsh environmental exposure: meters, electrical service entrance and underground connections.
- Damping medium for dash pots in electrical and electronic equipment.
- Used as an anti-stick and a sealant for transformer gasket and equipment enclosures. It prevents gaskets from sticking to metal and resists weathering and water washout.
- Rubber and plastic O-rings, gaskets and seals.

TYPICAL PROPERTIES

Specification Writers: These values are not intended for use in preparing specifications. Please contact your local Dow Corning sales office or your Global Dow Corning Connection before writing specifications on this product.

Test*	Property	Unit	Result
	Color		White to light grey; translucent
ISO 2137	Penetration unworked	mm/10	170 to 230
ISO 2137	Penetration; worked 60, max	mm/10	260
CTM 0033A	Bleed 24 hours/200°C (392°F), max	%	.5
CTM 0033A	Evaporation 24 hours/200°C (392°F), max	%	2.0

*CTM: Corporate Test Method, copies of CTMs are available on request.

ISO: International Standardization Organization

CERTIFICATIONS

Molykote[®] 111 Compound meets several global standards for water contact, including NSF 51, NSF 61, FDA 21 CFR 175.300, Water Regulations Advisory Scheme Approval BS9260 (England), IPL Certificate of Conformity (France) and DIN-DVGW Examination certificate (Germany).

HOW TO USE

How to apply

Molykote 111 Compound can be applied by hand, specially designed automated equipment brushing or wiping. Certain designs of grease guns may seize up; test prior to use.

A thinner consistency can be achieved by dispersing in solvents such as xylene, mineral spirits and methyl ethyl ketone. *Molykote* 111 Compound can then be applied by brushing, dipping or spraying.

Molykote 111 Compound should not be applied to any surface which will be painted or finished. Such coatings may not adhere to the silicone-treated surface. If contaminated by a silicone coating, parts can be wiped or washed with solvent, washed with detergent, or immersed in an alcoholic potassium hydroxide solution and then rinsed in clear water before painting.

Chemical resistance

Molykote 111 Compound is not greatly affected by mineral oils, vegetable oils or air. It is generally resistant to dilute acids and alkalines and to most aqueous solutions.

Because each application may vary in chemical composition, pressure, flow velocity, re-lubrication requirements and equipment design, it is recommended that the silicone compound be tested before adopting for regular use.

Molykote 111 Compound is not to be used with liquid oxygen and should not be used in applications requiring LOX compatibility.

HANDLING PRECAUTIONS

Molykote 111 Compound may cause temporary discomfort when in direct contact with eyes. In case of eye contact, flush eyes with water.

PRODUCT SAFETY
INFORMATION REQUIRED
FOR SAFE USE IS NOT
INCLUDED IN THIS
DOCUMENT. BEFORE
HANDLING, READ PRODUCT
AND MATERIAL SAFETY
DATA SHEETS AND
CONTAINER LABELS FOR
SAFE USE, PHYSICAL AND
HEALTH HAZARD
INFORMATION. THE
MATERIAL SAFETY DATA
SHEET IS AVAILABLE ON THE
DOW CORNING WEB SITE AT
DOWCORNING.COM, OR
FROM YOUR DOW CORNING
SALES APPLICATION
ENGINEER, OR DISTRIBUTOR,
OR BY CALLING
DOW CORNING CUSTOMER
SERVICE.

USABLE LIFE AND STORAGE

When stored at or below 20°C
(68°F) in the original unopened
containers, this product has a

usable life of 60 months from the
date of production.

PACKAGING INFORMATION

This product is available in
different standard container sizes.
Detailed container size information
should be obtained from your
nearest Dow Corning sales office
or Dow Corning distributor.

LIMITATIONS

This product is neither tested nor
represented as suitable for medical
or pharmaceutical uses.

HEALTH AND ENVIRONMENTAL INFORMATION

To support Customers in their
product safety needs, Dow Corning
has an extensive Product
Stewardship organization and a
team of Product Safety and
Regulatory Compliance (PS&RC)
specialists available in each area.

For further information, please see
our Web site, dowcorning.com or
consult your local Dow Corning
representative.

LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY

The information contained herein is
offered in good faith and is
believed to be accurate. However,
because conditions and methods of
use of our products are beyond our
control, this information should not
be used in substitution for
customer's tests to ensure that our
products are safe, effective, and
fully satisfactory for the intended
end use. Suggestions of use shall
not be taken as inducements to
infringe any patent.

Dow Corning's sole warranty is
that our products will meet the
sales specifications in effect at the
time of shipment.

Your exclusive remedy for breach
of such warranty is limited to
refund of purchase price or
replacement of any product shown
to be other than as warranted.

**DOW CORNING
SPECIFICALLY DISCLAIMS
ANY OTHER EXPRESS OR
IMPLIED WARRANTY OF
FITNESS FOR A
PARTICULAR PURPOSE OR
MERCHANTABILITY.**

**DOW CORNING DISCLAIMS
LIABILITY FOR ANY
INCIDENTAL OR
CONSEQUENTIAL DAMAGES.**

*We help you
invent the future.™*

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