

Interagency Technology Deployment Working Group

L Prize[®] Competition Winner 60W Incandescent Replacement Lamp Update

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L Prize Competition
D&R International
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Philips Wins First L Prize

- August 3, 2011: Philips announced as winner of 60W replacement bulb category
- Product distributed thru commercial and retail channels



“...[O]nce an award is made the authorizing Act directs General Services Administration to develop federal purchasing schedules for solid-state lamps that meet or exceed the specifications laid out in the prize category—so long as it is cost effective. I hope the GSA begins this process soon.”

--Senator Jeff Bingaman, D-NM

What's the Buzz?

The New York Times

THE WALL STREET JOURNAL.

WIRED

GreenRoom
the ELECTRICAL DISTRIBUTOR's resource for energy efficiency

MarketWatch



green lodging news™

Challenge.gov
Government Challenges, Your Solutions

ieee spectrum



EDN
electronics Design, Strategy, News

A·L

CBS

WE WERNER Electric Supply



electroindustry
ACEEMA The Association of Electrical and Electronic Equipment Manufacturers

RESIDENTIAL LIGHTING

FAST COMPANY

semiconductor TODAY
COMPOUNDS & ADVANCED SILICON

NEMA

Energy news
Efficiency

NATIONAL GEOGRAPHIC™

EDUCATION WEEK

ThomasNet
CONNECTING INDUSTRY NEWS

Forbes

Would You Buy A \$60 Light Bulb That Lasts 20 Years?
“game-changing technology”



L Prize Helps Federal Purchasers:

1. Meet Executive Order 13514 goals

- Execute and integrate high-performance sustainable design and green building best practices
- Eliminate waste
- Follow sustainable acquisition practices
- Encourage agency innovation

2. Meet GHG reduction targets

- If every socket in the U.S. converted their 60W incandescent lamps to the 10W L Prize winner, the country would save approximately 35 terawatt-hours of electricity in one year and avoid 20 million metric tons of carbon emissions

3. Meet other energy reduction goals

- Reduce energy intensity
- Meet sustainable procurement requirements
- Ensure 15% of building stock meets sustainability principles by 2025

L Prize Partners

West



Mountain/Central



PLATTE RIVER
POWER AUTHORITY
Eldon Park • Fort Collins • Longmont • Loveland



SOUTHERN MINNESOTA
MUNICIPAL POWER AGENCY



East



Northeast Energy Efficiency Partnership



Requirements for 60W Replacements

	ENERGY STAR Integral LED Lamps, v 1.4	L Prize Requirements	L Prize Performance
Light output	800 lumens	900 lumens	940 lumens
Efficacy	50 lm/W for <10W 55 lm/W for ≥10W	90 lm/W	94 lm/W
CRI	80	90	92
CCT	2700K, 3000K, 3500K, 4000K; tolerance .006	2700K or 3000K; tolerance .004	2727
Life/lumen maintenance	70% at 25,000 hours - 10 samples - 6000 hours - 45°C	70% at 25,000 hours - 200 samples - Max + 5000 hours - 45°C	99.3% After 15,000 hours
Intensity distribution	Uniform in 0°–135° zone	Uniform in 0°–150° zone	Uniform in 0°–150° zone

Where Can I Purchase the L Prize Winner?

Various commercial distributors will sell the winning product

Distributor	Part Number	GSA Schedule	Government Site	Other Notable Sites
Grainger	16A335	#GS-06F-0007J	www.grainger.com/Grainger/static/rc_industrysegments.html	www.grainger.com/Grainger/static/rc_fedgov.html
Lightolier	P420224	#GS-07F-0189U	http://www.lightolier.com/wheretobuy/government.jsp	http://gsa.genlyte.com/products/index.jsp
SupplyForce.com	423244	GS-21F-0117W	http://www.supplyforce.com/SupplyForce/governmentSolutionsLink.action;jsessionid=379574D423878459F071E15549395871.SupplyForce-1	
WESCO	78667742022	#GS-07F-0196U	http://www.wesco.com/government/index.htm	

<http://www.gsaadvantage.gov/>

For more information
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