

Commercial Kitchen LED Hood Lamp



Benefits and Operating Cost Savings

- Gaskets permanently affixed save installation time
- Designed for convenient installation to pre-wired hoods
- Greaseproof, waterproof and heatproof construction
- Aluminum fixtures are furnished with a brushed finish
- Lead Free, RoHS, cULus, NSF, and Energy Star
- Feature allows for quick installation
- Saves up to 80% of the energy of an equivalent incandescent bulb
- Can be retrofitted to any Capture Jet® hood with incandescent globe type lights
- When installed on 36" centers, provides 50 foot-candles to typical cooking surface for exhaust hoods mounted at 84" A.F.F.
- Suitable for dry and wet locations
- Life expectancy is 50,000 hours, approximately 50 times longer than typical incandescent 100W bulbs
- ALFG16-700-WW-R and ALFG16-700-CW-R is used for a replacement of LED head
- Dimmer option available with dimmable power supplies
- LED vs Incandescent at 18 hours per day operating
 $18 \text{ hours} \times 365 \text{ days} \times 100\text{W (Incandescent)} = 657\text{kWh} / \text{year} / \text{Incandescent Lamp}$
 $18 \text{ hours} \times 365 \text{ days} \times 18\text{W (LED)} = 118\text{kWh} / \text{year} / \text{LED Fixture}$
 $539 \text{ kWh Savings} \times \$0.12 / \text{kWh} = \$65 / \text{Fixture} / \text{Year}$

***LASTS LONGER AND
SAVES YOU MONEY.***



***ROI IN LESS THAN A YEAR
WITH REBATE (SEE PAGE 2).***

Specifications Guide

Commercial Kitchen LED Hood Lamp

Operating Cost Comparison - Over 50K Hours Operation



VS. 150W

Specifications	
Light bulb projected lifespan (hours)	
watts per bulb	
cost per bulb / Fixture Kit	
KWh of electricity used over 50000 hours	
Cost of electricity (@ \$0.12 KWh)	
Bulbs needed for 50K hours of use	
Equivalent 50K hours bulb expense	
Total cost for 50K hours	
Total cost for 8 bulbs/fixtures in one hood	
<i>Savings Calculated</i>	
Savings to owner by switching from Incandescent to LED	
Utility rebate program base on 50% of install cost (8 X \$150)*0.5	

Canopy LED Hood Lamp
50000
18
175
900
\$108.00
1
\$175.00
\$283.00
\$2,264.00
\$6,280.00
\$0.00
\$6,280.00

Incandescent
1200
150
4
7500
\$900.00
42
\$168.00
\$1,068.00
\$8,544.00
\$0.00

Operating Cost Comparison - Over 1 Year Operation



VS. 150W

KWh of electricity used over one year - 18 hrs/day = 6570 hours	
Cost of electricity (@ \$0.12 KWh)	
Bulbs needed for 6570 hours of use	
Equivalent 6570 hours bulb expense	
Total cost for 6570 hours	
Total cost for 8 bulbs/fixtures	
<i>Savings Calculated</i>	
Savings to owner by switching from Incandescent to LED	
Utility rebate program base on 50% of install cost (8 X \$150)*0.5	

Canopy LED Hood Lamp
118
\$14.00
1
\$175.00
\$189.00
\$1,513.00
\$(377.00)
\$0.00
\$(377.00)

Incandescent
986
\$118.00
6
\$24.00
\$142.00
\$1,136.00
\$0.00

ROI will be seen in 1.3 years without a rebate program.
With rebate applied you will see ROI < 1 year!

Notes:

- The cost of electricity will vary; figures shown above are for comparison only and not exact.
- The cost for the Canopy LED Hood Lamp may vary.
- Projected lifespan are projected and not exact.
- Bulb breakage and bulb replacement costs have not been factored into this comparison.
- Cost saving from reduction in air-conditioning energy cost is not reflected in the savings.
- The estimated kit price of \$175 is for the Canopy LED Hood Lamp, Power Supply, and the Plate.

