

GE Consumer & Industrial  
Lighting

energy smart®

# LED PAR30 Short and Long Neck Lamps

GE's new 10 Watt Light Emitting Diode (LED) PAR30 lamps bring energy efficient, long life and environmentally conscious options to traditional downlight applications.

## Outstanding energy efficiency

Compared to standard 45 watt Incandescent R30 reflectors, GE's LED PAR30 uses only 10 watts, reducing energy consumption by 78%. Although the lamps produce approximately 50% fewer lumens, the lamps optics concentrate light on the target, diminishing wasted extraneous light, actually increases the CBCP from 300 for an Incandescent BR30 to 1400 for a 24 degree LED PAR30.

## Long life = Labor Savings

20,000 hours rated life to 70% of initial light output.

## Environmentally conscious

These lamps are energy efficient, contain no lead or mercury and are RoHS compliant.



## Excellent color

Available in 2700K and 3000K.

CRI - 82.

## GE Quality and Reliability



GE - bringing LED technology and efficiency to standard lamps formats

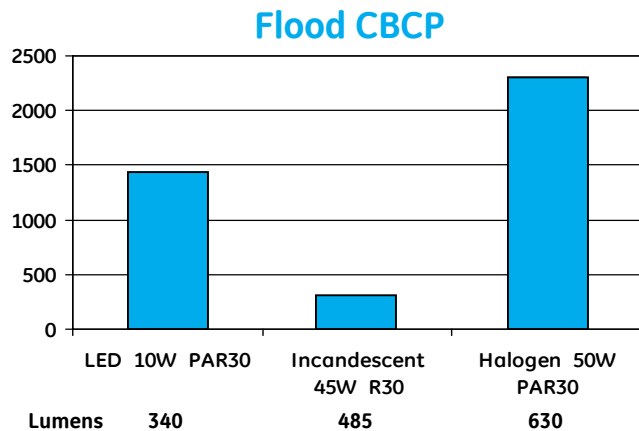


imagination at work

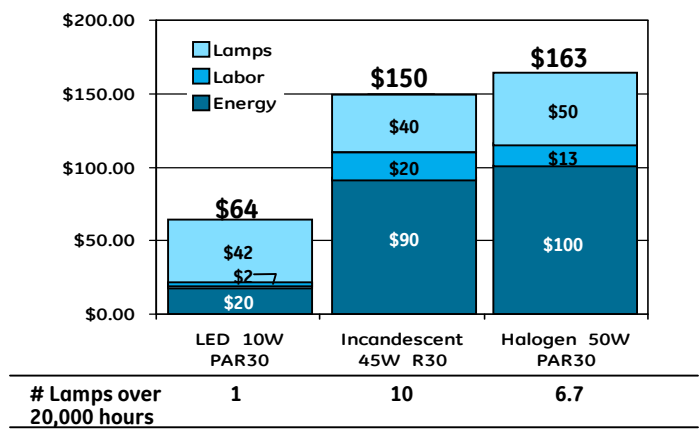
# GE LED PAR30 Lamps

Product Code	Nominal Description	Watts	Pack Size	Rated Initial Lumens	Rated Life* (hours)	CRI	Color Temp.	CBCP	MOL (in.)	Diameter (in.)
<b>Short Neck</b>										
76144	LED10P30/S827/24	10	6	320	20,000	82	2700 K	1300	3.62	3.75
75613	LED10P30/S830/24	10	6	340	20,000	82	3000 K	1400	3.62	3.75
75393	LED10P30/NFL/3PK	10	3	340	20,000	82	3000 K	1400	3.62	3.75
75376	LED10P30/NFL/TP	10	3	340	20,000	82	3000 K	1400	3.62	3.75
<b>Long Neck</b>										
76145	LED10P30LS827/24	10	6	320	20,000	82	2700 K	1300	4.75	3.75
75614	LED10P30LS830/24	10	6	340	20,000	82	3000 K	1400	4.75	3.75
75394	LED10P30L/NFL/3PK	10	3	340	20,000	82	3000 K	1400	4.75	3.75
75377	LED10P30L/NFL/TP	10	3	340	20,000	82	3000 K	1400	4.75	3.75

## Lamp Comparison Charts

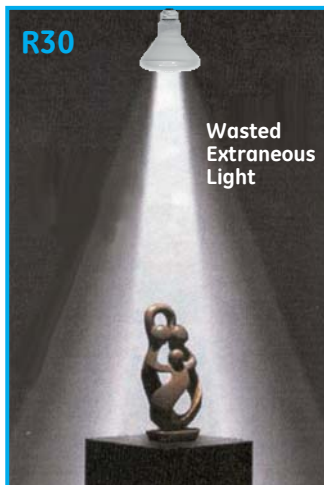


## Cost to operate over 20,000 hours

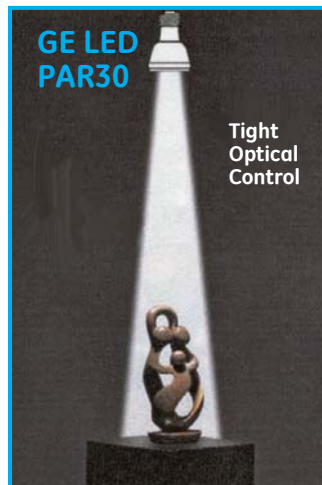


Assumes: \$0.10 per kWh, Labor cost to replace lamp \$2, LED Lamp price \$42, Incandescent R30 price \$4.00, Halogen PAR30 price \$7.50

## Lamp Control Illustration



In a standard 45 R30 application, much of the light projected does not fall on the intended target, but is diffused in the surrounding area due to poor optical control.



With the GE LEDPAR30, the advanced optical control of keeps the white, LED light on target therefore requiring 78% less energy to accent your merchandise.

## Specifier Statement

Lamps shall be an E26 medium screw-in base with integral transformer. The life rating of this product shall be 20,000, which is the hours of operation the lamp will provide before reaching 70% of its original light output of 340 lumens. Actual lamp life before failure maybe significantly longer.

\* No industry standard - GE life rating based on 70% lumen maintenance

For additional product and application information, please consult GE's Website: [www.gelighting.com](http://www.gelighting.com)

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