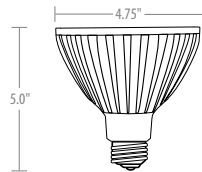


# ProLED PAR38



## Specifications

- High power LED for maximum efficiency
- Up-to 82% energy savings - 16W PAR38 versus 90W Halogen
- Acceptable for ICAT rated luminaires
- Damp location rated
- Dimmable to 5% for design flexibility
- Up-to 40,000 hour life, 14 times longer than traditional lamps
- 2700K, 3000K, 4000K or 5000K CCT
- Up-to 82 CRI for quality and consistent color rendering
- Flood, Narrow Flood or Spot beam spreads
- No Mercury or UV/IR emissions
- RoHS compliant
- 5-year Limited Warranty

## Markets & Applications



## Ordering Information



Watt	Base	Product #	Product Code	Description	Volts	Color Temp.	CRI	Lumens	CBCP	Useful Life*	Pkg. Qty.	Beam Spread	MOL	Wattage Equivalent
16 Watt	Med.	80040	PAR38FL16/827/LED	Flood	120	2700	82	920	1700	40000	1/6	40°	5.00"	90
16 Watt	Med.	80032	PAR38FL16/830/LED	Flood	120	3000	82	950	1770	25000	1/6	40°	5.00"	90
16 Watt	Med.	80044	PAR38FL16/840/LED	Flood	120	4000	82	990	1850	40000	1/6	40°	5.00"	90
16 Watt	Med.	80036	PAR38FL16/850/LED	Flood	120	5000	72	1020	1930	40000	1/6	40°	5.00"	90
16 Watt	Med.	80034	PAR38NFL16/830/LED	Narrow Flood	120	3000	82	950	4000	40000	1/6	25°	5.00"	90
16 Watt	Med.	80042	PAR38SP16/830/LED	Spot	120	3000	82	950	6700	40000	1/6	15°	5.00"	90
20 Watt	Med.	80050	PAR38FL20/827/LED	Flood	120	2700	82	1150	1970	40000	1/6	40°	5.00"	90
20 Watt	Med.	80056	PAR38FL20/830/LED	Flood	120	3000	82	1200	2050	25000	1/6	40°	5.00"	90
20 Watt	Med.	80058	PAR38FL20/840/LED	Flood	120	4000	82	1250	2150	40000	1/6	40°	5.00"	90
20 Watt	Med.	80064	PAR38FL20/850/LED	Flood	120	5000	72	1300	2200	40000	1/6	40°	5.00"	90
20 Watt	Med.	80048	PAR38NFL20/827/LED	Narrow Flood	120	2700	82	1150	4850	40000	1/6	25°	5.00"	90
20 Watt	Med.	80054	PAR38NFL20/830/LED	Narrow Flood	120	3000	82	1200	5000	40000	1/6	25°	5.00"	90
20 Watt	Med.	80062	PAR38NFL20/850/LED	Narrow Flood	120	5000	72	1300	5400	40000	1/6	25°	5.00"	90
20 Watt	Med.	80046	PAR38SP20/827/LED	Spot	120	2700	82	1150	7700	40000	1/6	15°	5.00"	90
20 Watt	Med.	80052	PAR38SP20/830/LED	Spot	120	3000	82	1200	8100	40000	1/6	15°	5.00"	90
20 Watt	Med.	80060	PAR38SP20/850/LED	Spot	120	5000	72	1300	8700	40000	1/6	15°	5.00"	90

\* Useful Life is defined as the point in time at which the lamp will maintain at least 70% of its initial lumens. The lamp will continue to burn past this point at decreased light levels. May not be compatible with all dimming systems, dimming performance may vary by system, please visit [www.halcolighting.com/ProLEDdim](http://www.halcolighting.com/ProLEDdim) for dimmer compatibility information. Use on incompatible systems may shorten lamp life.

Acceptable for use in sealed metal landscape fixtures when protected from the elements.

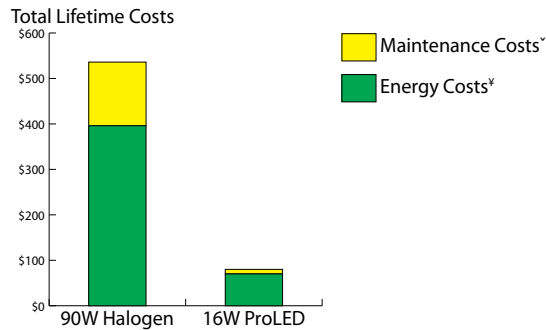
✓ Represents lamps that are ENERGY STAR approved.

■ ENERGY STAR mandates that lamps may only be listed at 25,000 hour life with 3,000 hour actual life test data, 6,000 hour LM80 data and in-situ temperature measurements. Upon completion of full lifetime testing, ProLED ENERGY STAR listed lamps will be listed at their full lifetime.

ProLED PAR lamps feature the highest quality components, including USA and Japanese chips, precision manufactured optics, optimally engineered drivers and special heat sink housing for superior thermal management.



## Energy Savings Comparison



<sup>x</sup> Maintenance costs based on 15 minutes to replace the lamp at \$40 per hr over the life of the ProLED lamp.

<sup>y</sup> Energy costs based on \$0.11 kWh over 40,000 hour life.

## Photometrics

