



PAR20

PAR30S

PAR30L

PAR38

## ProLED. Smooth PAR Series

**Halco**  
LIGHTING TECHNOLOGIES

The NEW ProLED Smooth PAR Series dimmable lamps feature high power chip-on-board LED's and improved thermal construction providing an efficient, high quality light source. The single point light source provides a consistent, familiar light output and wet location (IP65) rated options allow for indoor/outdoor application flexibility. The 19W ProLED PAR38 lasts up to 14 times longer and is up to 78% more efficient than an equivalent 90W Halogen PAR <sup>1</sup>.

### Specifications:

- Redesigned PAR20, PAR30S, PAR30L and PAR38 with smooth sided, lighter construction
- High Power chip-on-board LED delivers a single point light source
- High quality 82 CRI
- Dimmable to 5% for design flexibility
- Narrow Flood and Flood beam angles available
- Available in 2700K, 3000K, 4000K and 5000K
- UL Wet location and IP65 rated PAR38 and PAR30 long neck are ideal for outdoor applications
- UL Damp location rated PAR20 and PAR30 short neck
- Acceptable for use in ICAT rated luminaires
- RoHS Compliant
- No mercury or UV/IR emissions
- 5-Year Limited Warranty

- » Lighter construction
- » 5-year limited warranty

### Markets:

- Commercial
- Residential
- Outdoor

### Applications:

- Accent
- Display
- Education
- Healthcare
- Hospitality
- Office
- Retail

where there's light, there's halco®

Contact your account representative at 800.677.3334 for pricing, orders and technical support.

Visit us at [halcolighting.com](http://halcolighting.com)

<sup>1</sup>Energy savings based on \$0.11 kWh over a 40,000 hour life.



# ProLED Smooth PAR Series

Catalog Number: \_\_\_\_\_ Type: \_\_\_\_\_  
 Project: \_\_\_\_\_  
 Comments: \_\_\_\_\_ Date: \_\_\_\_\_  
 Prepared By: \_\_\_\_\_

SOLID STATE LIGHTING

## Ordering Information

Wattage	Base	Product number	Product Code	Description	Volts	Color Temp.	CRI	Lumens	CBCP	Useful Life*	Pkg. Qty.	Beam Spread	MOL	Wattage Equivalent
<b>PAR20</b>														
8 Watt	Med.	81032	PAR20NFL8/827/W/LED	Narrow Flood	120	2700	82	460	1520	25000 ✓	6/24	25°	3.39"	50
8 Watt	Med.	81034	PAR20NFL8/830/W/LED	Narrow Flood	120	3000	82	470	1580	25000 ✓	6/24	25°	3.39"	50
8 Watt	Med.	81036	PAR20NFL8/840/W/LED	Narrow Flood	120	4000	82	500	1620	40000	6/24	25°	3.39"	50
8 Watt	Med.	81037	PAR20NFL8/850/W/LED	Narrow Flood	120	5000	82	500	1710	40000	6/24	25°	3.39"	50
8 Watt	Med.	81033	PAR20FL8/827/W/LED	Flood	120	2700	82	460	780	25000 ✓	6/24	40°	3.39"	50
8 Watt	Med.	81035	PAR20FL8/830/W/LED	Flood	120	3000	82	470	820	25000 ✓	6/24	40°	3.39"	50
<b>PAR30 Long Neck</b>														
14 Watt	Med.	81016	PAR30NFL14L/827/W/LED	Narrow Flood, IP65 Rated	120	2700	82	800	3300	25000 ✓	6/24	25°	4.61"	75
14 Watt	Med.	81018	PAR30NFL14L/830/W/LED	Narrow Flood, IP65 Rated	120	3000	82	835	3360	25000 ✓	6/24	25°	4.61"	75
14 Watt	Med.	81020	PAR30NFL14L/840/W/LED	Narrow Flood, IP65 Rated	120	4000	82	860	3510	40000	6/24	25°	4.61"	75
14 Watt	Med.	81022	PAR30NFL14L/850/W/LED	Narrow Flood, IP65 Rated	120	5000	82	870	3680	40000	6/24	25°	4.61"	75
14 Watt	Med.	81017	PAR30FL14L/827/W/LED	Flood, IP65 Rated	120	2700	82	800	1440	25000 ✓	6/24	40°	4.61"	75
14 Watt	Med.	81019	PAR30FL14L/830/W/LED	Flood, IP65 Rated	120	3000	82	835	1640	25000 ✓	6/24	40°	4.61"	75
14 Watt	Med.	81021	PAR30FL14L/840/W/LED	Flood, IP65 Rated	120	4000	82	860	1710	40000	6/24	40°	4.61"	75
14 Watt	Med.	81023	PAR30FL14L/850/W/LED	Flood, IP65 Rated	120	5000	82	870	1760	40000	6/24	40°	4.61"	75
<b>PAR30 Short Neck</b>														
14.5 Watt	Med.	81025	PAR30NFL14S/827/W/LED	Narrow Flood	120	2700	82	800	3020	25000 ✓	6/24	25°	3.35"	75
14.5 Watt	Med.	81027	PAR30NFL14S/830/W/LED	Narrow Flood	120	3000	82	850	3250	25000 ✓	6/24	25°	3.35"	75
14.5 Watt	Med.	81028	PAR30NFL14S/840/W/LED	Narrow Flood	120	4000	82	860	3370	40000	6/24	25°	3.35"	75
14.5 Watt	Med.	81030	PAR30NFL14S/850/W/LED	Narrow Flood	120	5000	82	870	3590	40000	6/24	25°	3.35"	75
14.5 Watt	Med.	81024	PAR30FL14S/827/W/LED	Flood	120	2700	82	800	1320	25000 ✓	6/24	40°	3.35"	75
14.5 Watt	Med.	81026	PAR30FL14S/830/W/LED	Flood	120	3000	82	850	1380	25000 ✓	6/24	40°	3.35"	75
14.5 Watt	Med.	81029	PAR30FL14S/840/W/LED	Flood	120	4000	82	860	1460	40000	6/24	40°	3.35"	75
14.5 Watt	Med.	81031	PAR30FL14S/850/W/LED	Flood	120	5000	82	870	1570	40000	6/24	40°	3.35"	75
<b>PAR38</b>														
16 Watt	Med.	81000	PAR38NFL16/827/W/LED	Narrow Flood, IP65 Rated	120	2700	82	950	4300	25000 ✓	6/24	25°	5.08"	75
16 Watt	Med.	81002	PAR38NFL16/830/W/LED	Narrow Flood, IP65 Rated	120	3000	82	970	4600	25000 ✓	6/24	25°	5.08"	75
16 Watt	Med.	81004	PAR38NFL16/840/W/LED	Narrow Flood, IP65 Rated	120	4000	82	1035	4730	40000	6/24	25°	5.08"	75
16 Watt	Med.	81006	PAR38NFL16/850/W/LED	Narrow Flood, IP65 Rated	120	5000	82	1040	4800	40000	6/24	25°	5.08"	75
16 Watt	Med.	81001	PAR38FL16/827/W/LED	Flood, IP65 Rated	120	2700	82	950	1700	25000 ✓	6/24	40°	5.08"	75
16 Watt	Med.	81003	PAR38FL16/830/W/LED	Flood, IP65 Rated	120	3000	82	970	1750	25000 ✓	6/24	40°	5.08"	75
16 Watt	Med.	81005	PAR38FL16/840/W/LED	Flood, IP65 Rated	120	4000	82	1035	1960	40000	6/24	40°	5.08"	75
16 Watt	Med.	81007	PAR38FL16/850/W/LED	Flood, IP65 Rated	120	5000	82	1040	2000	40000	6/24	40°	5.08"	75
19 Watt	Med.	81008	PAR38NFL19/827/W/LED	Narrow Flood, IP65 Rated	120	2700	82	1200	4350	25000 ✓	6/24	25°	5.08"	90
19 Watt	Med.	81010	PAR38NFL19/830/W/LED	Narrow Flood, IP65 Rated	120	3000	82	1250	4650	25000 ✓	6/24	25°	5.08"	90
19 Watt	Med.	81012	PAR38NFL19/840/W/LED	Narrow Flood, IP65 Rated	120	4000	82	1260	4750	40000	6/24	25°	5.08"	90
19 Watt	Med.	81014	PAR38NFL19/850/W/LED	Narrow Flood, IP65 Rated	120	5000	82	1265	4800	40000	6/24	25°	5.08"	90
19 Watt	Med.	81009	PAR38FL19/827/W/LED	Flood, IP65 Rated	120	2700	82	1200	2550	25000 ✓	6/24	40°	5.08"	90
19 Watt	Med.	81011	PAR38FL19/830/W/LED	Flood, IP65 Rated	120	3000	82	1250	2650	25000 ✓	6/24	40°	5.08"	90
19 Watt	Med.	81013	PAR38FL19/840/W/LED	Flood, IP65 Rated	120	4000	82	1260	2700	40000	6/24	40°	5.08"	90
19 Watt	Med.	81015	PAR38FL19/850/W/LED	Flood, IP65 Rated	120	5000	82	1265	2760	40000	6/24	40°	5.08"	90

NEW ITEM!

For details on ProLED PAR16 see, ProLED Commercial MR16/PAR16 Series Sell Sheet

Represents lamps that are Energy Star approved.

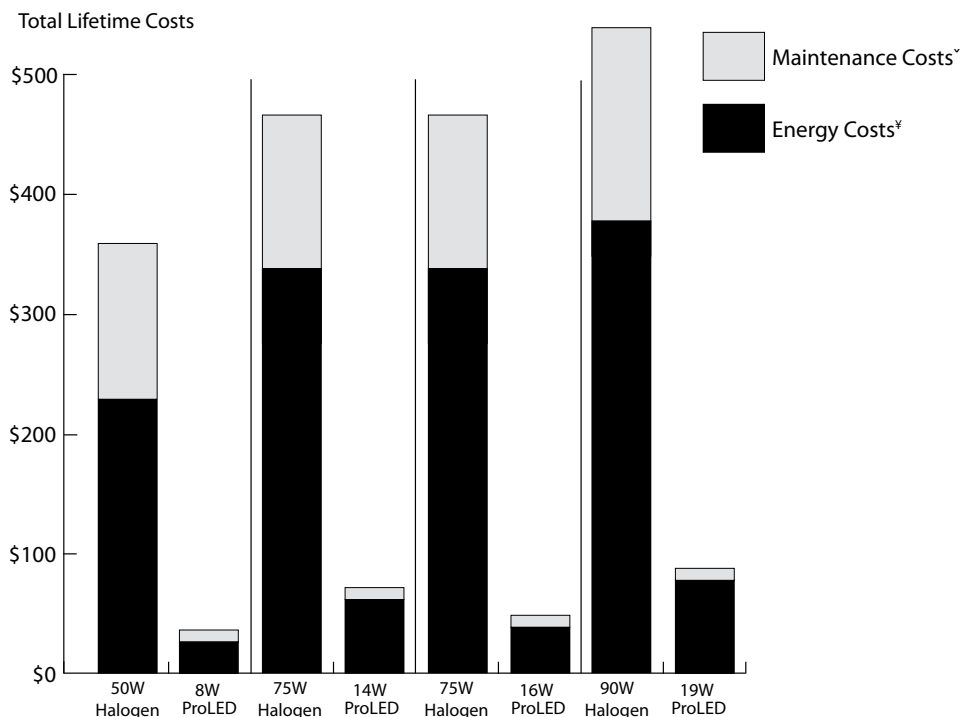
Warranty Commercial/Industrial: This product is warranted for 5 years from the date purchase, based on 10 hours of use per day.

Not for use in enclosed fixtures.

May not be compatible with all dimmable systems, dimming performance may vary by system, please check the website [www.halcolighting.com](http://www.halcolighting.com) for up-to-date dimmer compatibility information. Use on incompatible systems may shorten lamp life.

✓ ENERGY STAR mandates that all directional 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.

## Energy Savings Comparison



Watts	Energy Costs	Maintenance Costs	Total Lifetime Costs	Lifetime Savings
8W ProLED	\$35	\$10	\$45	\$314
50W Halogen	\$220	\$140	\$360	
14W ProLED	\$61	\$10	\$71	\$398
75W Halogen	\$330	\$140	\$470	
14.5W ProLED	\$63	\$10	\$73	\$396
75W Halogen	\$330	\$140	\$470	
16W ProLED	\$70	\$10	\$80	\$389
75W Halogen	\$330	\$140	\$470	
19W ProLED	\$83	\$10	\$93	\$442
90W Halogen	\$396	\$140	\$536	

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

¥ Energy costs based on \$0.11 kWh over 40,000 hour life.