SOLID STATE LIGHTING



BR40/13W & 18W | BR30/11W & 9W | R20/5W & 8W

# ProLED® Reflector Series

The ProLED® Reflector dimmable lamps feature superior thermal construction for long life and energy efficient illumination. The 5W, 8W, 9W, 11W, 13W, 15W & 18W lamps are rated for ICAT luminaires and provide up-to 13 times the life of incandescent sources. The ProLED 18W BR40 is 85% more efficient than a 120W Incandescent reflector over the life of the ProLED lamp. [1]

## Specifications:

- BR30, BR40 & R20 with Medium E26 base
- GU24 base available for 9W BR30
- Acceptable for ICAT rated luminaires
- Damp location rated
- Dimmable to 5% for design flexibility
- Up-to 40,000 hour life
- 2700K, 3000K, 4000K & 5000K CCTs & Pink color available
- 82 CRI for quality and consistent color rendering
- Flood beam spread
- No Mercury or UV/IR emissions
- RoHS Compliant
- 5-Year Limited Warranty

[1] Energy savings based on $0.11 kWh over 40,000 hour life.

- » Acceptable for ICATated luminaires
- » Dimmable to 5% for design flexibility
- » 5-Year Limited Warranty

## Markets:

- Residential
- Commercial

## Applications:

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

**where there's light, there's halco®**

Catalog Number: _____ Type: _____
Project: _____
Comments: _____ Date: _____
Prepared By: _____



## Ordering Information

| | Watt | Base | Product # | Product Code | Description | Volts | Color Temp. | CRI | Lumens | CBCP | Useful Life* | Pkg. Qty. | Beam Spread | MOL | Equivalent Wattage |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BR30 | | | | | | | | | | | | | | |
| | 9 Watt | GU24 | 80158 | BR30FL9/827/GU24/LED | Reflector ◆ | 120 | 2700 | 82 | 650 | - | 40000 | 1/6 | - | 5.12" | 65 |
| | 9 Watt | Med. | 80159 | BR30FL9/827/LED | Reflector ◆ | 120 | 2700 | 82 | 650 | - | 25000√ | 1/6 | - | 5.12" | 65 |
| | 9 Watt | Med. | 80160 | BR30FL9/830/LED | Reflector ◆ | 120 | 3000 | 82 | 670 | - | 40000 | 1/6 | - | 5.12" | 65 |
| | 9 Watt | Med. | 80161 | BR30FL9/840/LED | Reflector ◆ | 120 | 4000 | 82 | 700 | - | 40000 | 1/6 | - | 5.12" | 65 |
| | 9 Watt | Med. | 80162 | BR30FL9/850/LED | Reflector ◆ | 120 | 5000 | 82 | 730 | - | 40000 | 1/6 | - | 5.12" | 65 |
| ✪ | 9 Watt | Med. | 80166 | BR30FL9/PNK/LED | Reflector ◆ | 120 | - | - | - | - | 40000 | 1/6 | - | 3.94" | 65 |
| | 11 Watt | Med. | 80086 | BR30FL11/827/LED | Reflector ◆ | 120 | 2700 | 82 | 730 | - | 25000√ | 1/6 | - | 5.12" | 65 |
| | 11 Watt | Med. | 80088 | BR30FL11/830/LED | Reflector ◆ | 120 | 3000 | 82 | 750 | - | 25000√ | 1/6 | - | 5.12" | 65 |
| | 11 Watt | Med. | 80090 | BR30FL11/840/LED | Reflector ◆ | 120 | 4000 | 82 | 780 | - | 40000 | 1/6 | - | 5.12" | 65 |
| | 11 Watt | Med. | 80092 | BR30FL11/850/LED | Reflector ◆ | 120 | 5000 | 82 | 810 | - | 40000 | 1/6 | - | 5.12" | 65 |
| | BR40 | | | | | | | | | | | | | | |
| ✪ | 13 Watt | Med. | 80116 | BR40FL13/827/LED | Reflector ◆ | 120 | 2700 | 82 | 850 | - | 25000√ | 1/6 | - | 6.46" | 85 |
| ✪ | 13 Watt | Med. | 80118 | BR40FL13/830/LED | Reflector ◆ | 120 | 3000 | 82 | 880 | - | 25000√ | 1/6 | - | 6.46" | 85 |
| ✪ | 13 Watt | Med. | 80120 | BR40FL13/840/LED | Reflector ◆ | 120 | 4000 | 82 | 920 | - | 40000 | 1/6 | - | 6.46" | 85 |
| ✪ | 13 Watt | Med. | 80122 | BR40FL13/850/LED | Reflector ◆ | 120 | 5000 | 82 | 950 | - | 40000 | 1/6 | - | 6.46" | 85 |
| ✪ | 18 Watt | Med. | 80124 | BR40FL18/827/LED | Reflector ◆ | 120 | 2700 | 82 | 1200 | - | 40000 | 1/6 | - | 6.46" | 120 |
| ✪ | 18 Watt | Med. | 80126 | BR40FL18/830/LED | Reflector ◆ | 120 | 3000 | 82 | 1230 | - | 25000√ | 1/6 | - | 6.46" | 120 |
| ✪ | 18 Watt | Med. | 80128 | BR40FL18/840/LED | Reflector ◆ | 120 | 4000 | 82 | 1280 | - | 40000 | 1/6 | - | 6.46" | 120 |
| ✪ | 18 Watt | Med. | 80130 | BR40FL18/850/LED | Reflector ◆ | 120 | 5000 | 82 | 1320 | - | 40000 | 1/6 | - | 6.46" | 120 |
| | R20 | | | | | | | | | | | | | | |
| ✪ | 5 Watt | Med. | 80108 | R20FL5/830/LED | Reflector ◆ | 120 | 3000 | 82 | 310 | - | 40000 | 1/6 | - | 3.94" | 30 |
| ✪ | 5 Watt | Med. | 80110 | R20FL5/850/LED | Reflector ◆ | 120 | 5000 | 82 | 335 | - | 40000 | 1/6 | - | 3.94" | 30 |
| ✪ | 8 Watt | Med. | 80818 | R20FL8/827/LED | Reflector ◆ | 120 | 2700 | 82 | 500 | - | 25000√ | 1/6 | - | 3.94" | 50 |
| ✪ | 8 Watt | Med. | 80112 | R20FL8/830/LED | Reflector ◆ | 120 | 3000 | 82 | 520 | - | 25000√ | 1/6 | - | 3.94" | 50 |
| ✪ | 8 Watt | Med. | 80114 | R20FL8/850/LED | Reflector ◆ | 120 | 5000 | 82 | 560 | - | 40000 | 1/6 | - | 3.94" | 50 |

✪ NEW ITEM!

* 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, but at decreased light levels.

Warranty – Commercial / Industrial: This product is warranted for 5 years from the date of purchase, based on 10 hours of use per day. Not for use in enclosed fixtures.

◆ May not be compatible with all dimming systems, dimming performance may vary by system, please check the website www.halcolighting.com/ProLEDdim for up-to-date dimmer compatibility information. Use on incompatible systems may shorten lamp life. Lamps should be tested in the application for compatibility prior to full installations on circuits using such devices.

Represents lamps that are ENERGY STAR approved.

√ 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.

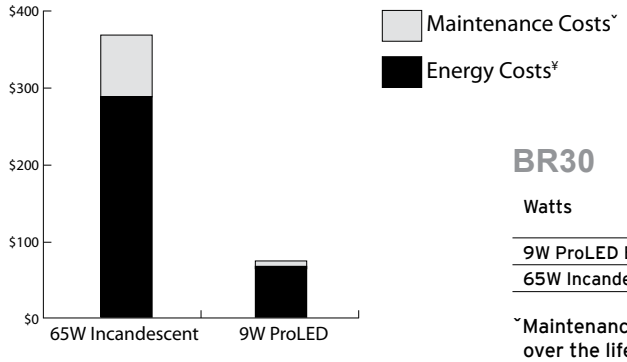
Upon completion of full lifetime testing, ProLED ENERGY STAR listed lamps will be listed at their full lifetime.

Catalog Number: _____ Type: _____
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## Energy Savings Comparison

Total Lifetime Costs

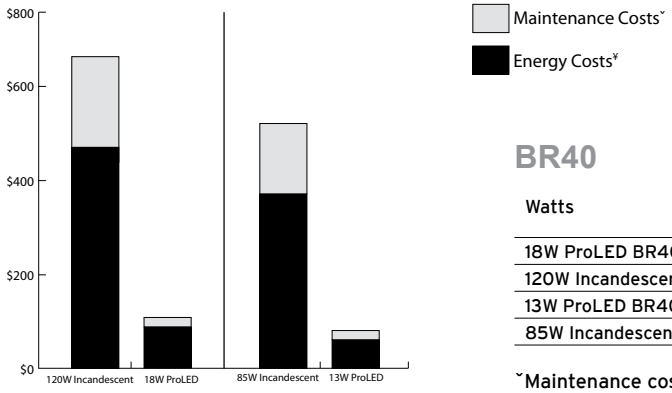



### BR30

| Watts | Energy Costs | Maintenance Costs | Total Lifetime Costs | Lifetime Savings |
|---|---|---|---|---|
| 9W ProLED BR30 | $39 | $10 | $49 | $316 |
| 65W Incandescent | $286 | $80 | $366 | |

˅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.

Total Lifetime Costs

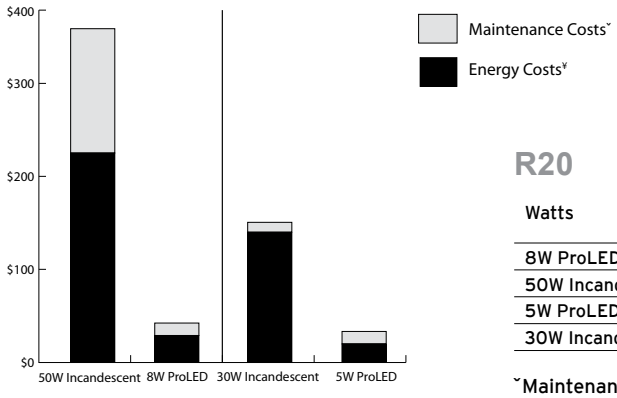



### BR40

| Watts | Energy Costs | Maintenance Costs | Total Lifetime Costs | Lifetime Savings |
|---|---|---|---|---|
| 18W ProLED BR40 | $79 | $10 | $89 | $276 |
| 120W Incandescent | $286 | $80 | $366 | |
| 13W ProLED BR40 | $57 | $10 | $67 | $386 |
| 85W Incandescent | $374 | $80 | $454 | |

˅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.

Total Lifetime Costs




### R20

| Watts | Energy Costs | Maintenance Costs | Total Lifetime Costs | Lifetime Savings |
|---|---|---|---|---|
| 8W ProLED R20 | $35 | $10 | $45 | $334 |
| 50W Incandescent | $220 | $160 | $380 | |
| 5W ProLED R20 | $22 | $10 | $32 | $240 |
| 30W Incandescent | $132 | $140 | $272 | |

˅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.