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.

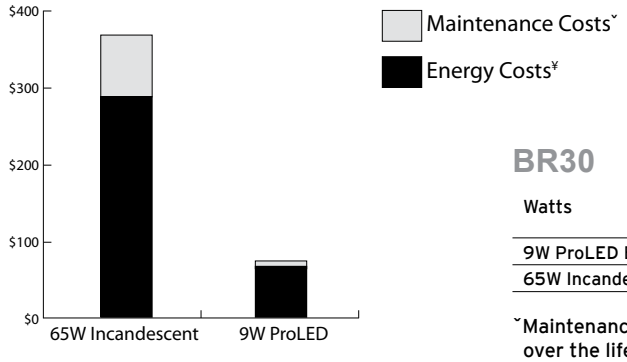
√ ENERGY STAR mandates that all directional lamps may only be listed at 25,000 hour life with 3,000 hour actual life test data, 6,000 hour LM80 data and in-situ temperature measurements.

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

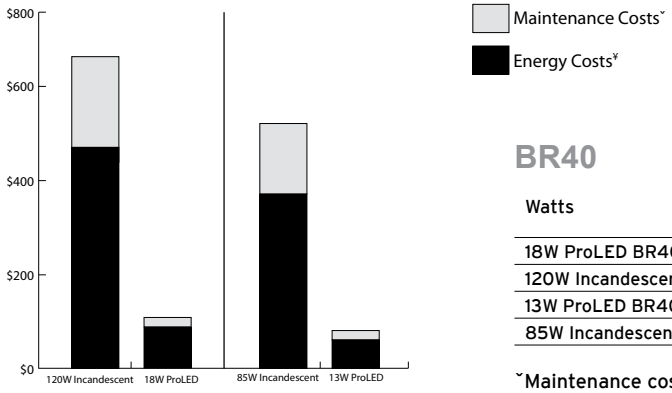


BR30

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

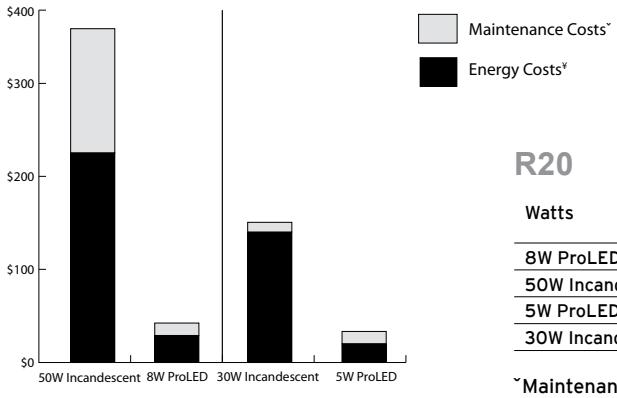


BR40

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.