

## Product Information Bulletin

# INCANDESCENT REFLECTOR LAMPS



- Low cost reflector
- Long Life: 2000 hours for most standard types, 4000 hours for KBR types, and 5000+ hours for infrared types
- High color rendering index for nice color reproduction
- Improved light control in BR types resulting in better beam pattern and higher light output as compared to old R types
- Wide variety: 25 watt miniature types through 750 watt R52.

**SYLVANIA Reflector lamps are a low cost alternative for a wide variety of general illumination and accent lighting applications.**

Most reflector lamps can be used indoors in a broad range of downlight, track and ceiling mounted fixtures. A wide variety of lamp sizes and wattages meet the needs of many interior lighting applications. Their low initial cost and quality of light make SYLVANIA reflector lamps ideal for use in residential, commercial and industrial buildings.

### Product Availability

Reflector Type	Wattage
R14 Miniature	25,40
R16 Miniature	40
R20	30,50,75
ER30	50,75
BR30	45,65,75
BR38	250
ER40	120
R, BR40	75,100,120,250,300,500
R, BR40 Infrared	125,250,375
R52	500,750

## Application Information

### Applications

#### Miniature:

- Kitchen
- Accent Lighting
- Display Lighting

#### Others:

- Indoor
- Residential
- Retail
- Commercial
- Downlighting
- Accent and Display Lighting
- Recessed Lighting
- Wall Washing
- Trade Lighting

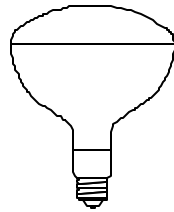
#### Infrared:

- Bathroom
- Residential
- Commercial
- Hotels
- Restaurants
- Residential
- Industrial
- Agricultural

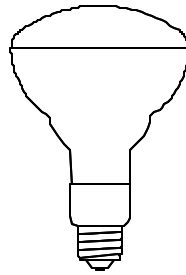
### Sample Specification

Lamp(s) shall be (a)  
 SYLVANIA Reflector lamp(s)  
 \_\_\_\_ (R14, R16, R20, ER30,  
 BR30, BR38, ER40, R/BR40,  
 R/BR40 Infrared, R52) and  
 with a \_\_\_\_ (2000, 4000, or  
 5000+) hour average rated  
 life.

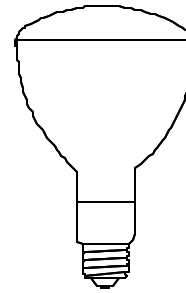
### Dimensions



R



BR



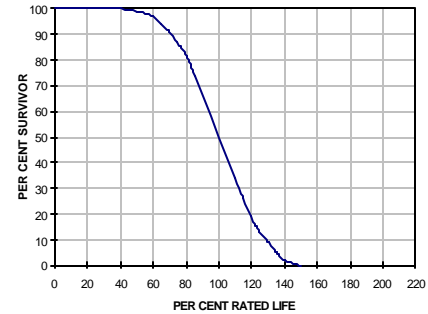
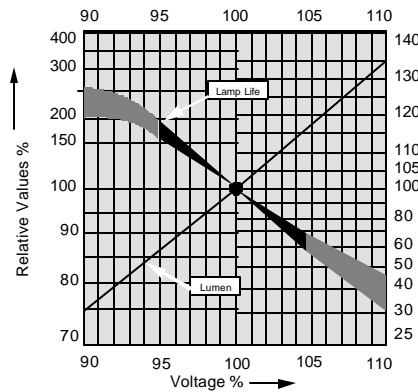
ER

### Technical Information

Effect of Voltage Variation on the Operating

Typical Mortality Curve for Incandescent Lamps

Characteristics of Incandescent Lamps



At average rated life, 50% of the lamps will fail, 50% will survive.

Item Number	Ordering Abbreviation	Watts	Base	Volts	Package Qty.	Avg. Rated Life (hrs.)	CBCP	Lumens	Beam Angle	MOL
14818	25R14/RP	25	Medium	120	6	1500		132		2 1/4
14793	25R14/INT	25	Intern.	120	60	1500		132		2 9/16
14784	25R14/N/RP	25	Intern.	12	6	1500		132		2 9/16
14819	40R14/RP	40	Medium	120	6	1500		185		2 1/4
14820	40R14/INT/RP	40	Intern.	120	6	1500		185		2 9/16
14821	40R16/FL/RP	40	Medium	120	6	1500		235		3 3/8
14794	30R20	30	Medium	120	60	2000	300	220	40	3 15/16
14802	30R20	30	Medium	130	60	2000	300	220	40	3 15/16
14836	30R20/RP	30	Medium	120	6	2000	300	220	40	3 15/16
14831	50R20	50	Medium	120	60	2000	550	475	45	3 15/16
14833	50R20/RP	50	Medium	120	6	2000	550	475	45	3 15/16
14832	50R20	50	Medium	125-130	60	2000	550	475	45	3 15/16
14842	50R20/GRO	50	Medium	120	6	1000	-	Spot-	45	3 15/16
14834	50R20/PK	50	Medium	120	60	2000	-	Pink	45	3 15/16
14840	75R20/RP	75	Medium	120	6	2000	650		45	3 15/16
15102	50ER30	50	Medium	120	24	2000	1200	450	30	6 3/8
15107	50ER30	50	Medium	130	24	2000	1200	450	30	6 3/8
15100	75ER30	75	Medium	120	24	2000	1500	750	30	6 3/8
15101	75ER30	75	Medium	130	24	2000	1500	750	30	6 3/8
15103	45BR30/FL/RP	45	Medium	120	6	2000		400	60	5 3/8
15122	75BR30/SP/RP	75	Medium	130	6	2000	1600	770		5 3/8
15132	75BR30/FL	75	Medium	120	48	2000	375	770	60	5 3/8

Item Number	Ordering Abbreviation	Watts	Base	Volts	Package Qty.	Avg. Rated Life (hrs.)	CBCP	Lumens	Beam Angle	MOL
13129	65BR30/FL	65	Med	130	24	2000		640	60	5 3/8
15165	65BR30/FL	65	Med	10	24	2000		640	60	5 3/8
15160	65BR30/FL/RP	65	Med	120	6	2000		640	60	5 3/8
15149	65BR30/SP/RP	65	Med	120	6	2000		640		5 3/8
15150	65BR30/A/RP	65	Med	120	6	2000		Amber		5 3/8
15151	65BR30/B/RP	65	Med	120	6	2000		Blue		5 3/8
15152	65BR30/G/RP	65	Med	120	6	2000		Green		5 3/8
15156	65BR30/GRO/RP	65	Med	120	6	2000		Gro		5 3/8
15153	65BR30/PK/RP	65	Med	120	6	2000		Pink		5 3/8
15154	65BR30/Y/RP	65	Med	120	6	2000		Yellow		5 3/8
15161	65BR30/R/RP	65	Med	120	6	2000		Red		5 3/8
15162	65BR30/ECONOM	65	Med	120	6	1750		580	60	5 3/8
15177	65BR30/DL/FLRP	65	Med	120	6	4000		580	60	5 3/8
15125	75BR/FL	75	Med	130	24	2000	460	680	60	6 1/2
15126	75BR/FL	75	Med	120	24	2000	460	680	60	6 1/2
15128	75BR/FL/RP	75	Med	120	6	2000	460	680	60	6 1/2
14847	100BR/FL	100	Med	130	24	2000	900	935	60	6 1/2
14851	100BR/FL	100	Med	120	24	2000	900	935	60	6 1/2
14871	100BR/FL/RP	100	Med	120	6	2000	900	935	60	6 1/2
14899	120BR40/FL	120	Med	130	24	2000		1240	60	6 1/2
14903	120BR40/FL	120	Med	120	24	2000		1320	60	6 1/2
14909	120BR40/SP	120	Med	130	24	2000		1240		6 1/2
14911	120BR40/SP	120	Med	120	6	2000		1320		6 1/2
14896	120BR40/FL/RP	120	Med	120	6	2000		1320	60	6 1/2
14897	120BR40/SP/RP	120	Med	120	6	2000		1320		6 1/2
14898	120BR40/GRO	120	Med	120	6	2000		GRO		6 1/2
14915	120BR40/DL/FL	120	Med	120	6	4000		1080	60	6 1/2
15166	120ER40		Med	120	24	2000		1370		7 3/8
15168	120ER40		Med	130	24	2000		1370		7 3/8
14661	250K/BR38/FL		Med	125	12	4000	2350	3100	60	5 13/16
14662	250K/BR38/SP		Med	125	12	4000	2350	3100		5 13/16
14761	300BR/SP		Med	120	24	2000	14000	3030		6 1/2
14779	300BR/FL		Med	120	24	2000	2900	3030	60	6 1/2
14781	300BR/FL		Med	125-130	24	2000	2900	3030	60	6 1/2
14796	300R/3FL		Mogul	120	24	2000	2900		60	7 1/4
14798	300R/3FL		Mogul	130	24	2000	2900		60	7 1/4
14835	500R/3FL		Mogul	120	12	2000	5200		60	7 1/4
14837	500R/3FL		Mogul	125-130	12	2000	5200		60	7 1/4
14857	500R/3FL		Mogul	250	12	2000	5200		60	7 1/4
14978	500R52		Mogul	120	12	2000	3000			11 3/4
14980	500R52		Mogul	125-130	12	2000	3000			11 3/4
15004	750R52		Mogul	120	12	2000	4500			11 3/4
14992	750R52		Mogul	125-130	12	2000	4500			11 3/4
15047	750R52		Mogul	250	12	2000				11 3/4
14744	125BR		Med.Skt	120	24	5000+		IR		7 1/4
14745	250BR40/4		Med.Skt	120	24	5000+		IR		7 1/4
14665	250BR40/1		Medium	120	12	5000+		IR		6 1/2
14664	250BR40/1/RP		Medium	120	6	5000+		IR		6 1/2
14663	250R40/10		Medium	120	6	5000+		IR		6 7/8
14746	375R40		Med.Skt	120	24	5000+		IR		7 1/4
14747	375R40/1		Med.Skt	120	24	5000+				7 5/8

OSRAM SYLVANIA  
National Customer  
Support Center  
18725 N. Union Street  
Westfield, IN 46074

**Industrial & Commercial**

Phone: 1-800-255-5042  
Fax: 1-800-255-5043

**National Accounts**

Phone: 1-800-562-4671  
Fax: 1-800-562-4674

**Special Markets**

Phone: 1-800-762-7191  
Fax: 1-800-762-7192

In Canada  
OSRAM SYLVANIA LTD.  
Headquarters  
2001 Drew Road  
Mississauga, ON L5S 1S4

**Industrial & Commercial**

Phone: 1-800-263-2852  
Fax: 1-800-667-6772

**Special Markets**

Phone: 1-800-265-2852  
Fax: 1-800-667-6772

Visit our website:  
www.sylvania.com

**Ordering Guide**

25	R	20	FL
Wattage	Bulb Shape	Bulb Diameter	A=Amber B=Blue G=Green
		e.g. 20=20/8"	Beam spread SP=Spot FL=Flood



