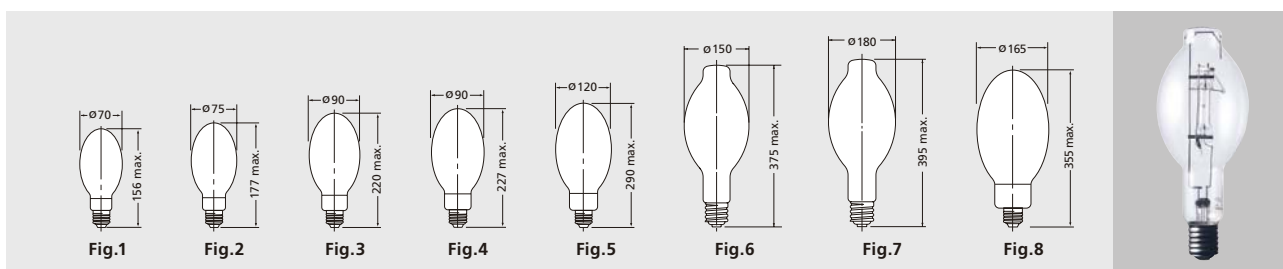


# Self-ballasted mercury E & BT bulb



## PHYSICAL DATA AND CHARACTERISTICS

Type	Watts (W)	Bulb	Base	Std. Pkg. Qty.	M.O.L. (mm)	L.C.L. (mm)	Current		Approx. Initial Lumens (lm)	Rated AV. Life (hrs)	Fig. No.
							Starting (A)	Running (A)			
100W-HSB/E21 White	100	E21	E27 or B22d-2	24	156	—	0.54	0.45	1100	6000 (1)	1
100WSB/E21 White	100	E21	E27 or B22d-2	24	156	—	0.54	0.45	1100	6000 (1)	1
100WSB/E21 White*	100	E21	E27	24	156	—	0.98	0.89	1100	6000 (1)	1
160W-HSB/E24 White	160	E24	E27 or B22d-2	24	177	—	0.88	0.73	2600	8000 (1)	2
160WSB/E24 Clear	160	E24	E27 or B22d-2	24	177	118	0.88	0.73	2700	8000 (1)	2
160WSB/E24 White	160	E24	E27 or B22d-2	24	177	—	0.88	0.73	3000	8000 (1)	2
160WSB/E24 White*	160	E24	E27	24	177	—	1.70	1.42	2550	8000 (1)	2
250WSB/E28 Clear	250	E28	E27 (B22d-2, E40)	20	220 (227)	140	1.43	1.10	5300	12000 (1)	3
250WSB/E28 White	250	E28	E27 (B22d-2, E40)	20	220 (227)	—	1.43	1.10	5700	12000 (1)	3
300WSB/E28 Clear	300	E28	E40	12	227	150	2.00	1.60	6000	12000 (1)	4
300WSB/E28 White	300	E28	E40	12	227	—	2.00	1.60	6000	12000 (1)	4
500WSB/E37 Clear	500	E37	E40	12	290	195	3.00	2.20	13000	16000 (1)	5
500WSB/E37 White	500	E37	E40	12	290	—	3.00	2.20	14000	16000 (1)	5
750WSB/BT46 Clear	750	BT46	E40	6	375	239	4.95	3.30	20000	16000 (1)	6
750WSB/BT46 White	750	BT46	E40	6	375	—	4.95	3.30	22000	16000 (1)	6
1000WSB/BT56 Clear	1000	BT56	E40	6	395	245	7.70	4.80	29000	16000 (1)	7
1000WSB/BT56 White	1000	BT56	E40	6	395	—	7.70	4.80	31000	16000 (1)	7
1000WSB/E52 Clear	1000	E52	E40	6	355	215	7.70	4.80	29000	16000 (1)	8
1000WSB/E52 White	1000	E52	E40	6	355	—	7.70	4.80	31000	16000 (1)	8
1250WSB/BT56 Clear	1250	BT56	E40	6	395	245	9.80	6.10	39000	16000 (1)	7

- Notes:
- Burning position: Any
  - Current and lumens data will change depending on the rated voltage of the lamps.
  - Burning condition (1) Indoor use
  - Deluxe White Phosphor is coated for White and Ref. Flu. type lamps.
  - 220/230V is the rated voltage for the above lamps except for "\*" marked lamps.
  - "\*" marked lamps: The rated voltage is 100 - 120V.

- LIGHT RESTRICTIONS
- Indoor/Outdoor Uncovered Lighting  
Can be used indoors or out. However an Iwasaki holder must be used for outdoor applications. The use of other holders may cause damage.
  - Indoor/Outdoor Lighting  
Can be used indoors or out. However a waterproof or resistant fixture should be used for outdoor applications.

There are various rated voltage type lamps. Please contact Iwasaki Electric Co., Ltd.

Elliptical and BT bulb self-ballasted mercury lamp.

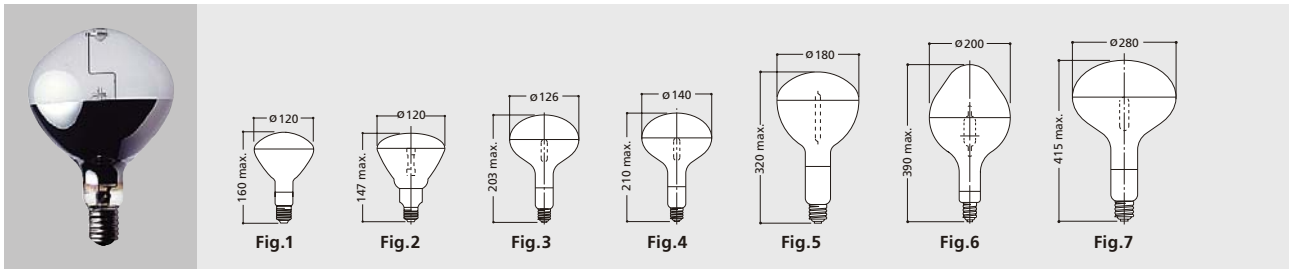
### Features

- Direct replacement for incandescent lamp as it operates on mains voltage without additional gears.
- Higher efficacy and longer lamp life compared to incandescent lamps.
- Mixed light provides more natural and improved light colour
- Wide variety of models are available in wattages and bulb types.
- Coated: Ra 58, CCT=3900K
- Clear: Ra 28, CCT=5200K

Notes:

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# Self-ballasted mercury R bulb



## PHYSICAL DATA AND CHARACTERISTICS

Type	Watts (W)	Bulb	Base	Std. Pkg. Qty.	M.O.L. (mm)	L.C.L. (mm)	Current		Approx. Beam Lumenst	Rated AV. Life (hrs)	Fig. No.
							Starting (A)	Running (A)			
160W-HSB/R38 Ref.Fluo.	160	R38	E27	12	160	—	0.88	0.73	1680	10000 (3)	1
160WSB/PAR38 Ref.Fluo.	160	PAR38	E27	12	147	—	0.88	0.73	1680	10000 (3)	2
160WSB/R40 Flood	160	R40	E27	12	203	—	0.88	0.73	1680	10000 (3)	3
250WSB/R40 Flood	250	R40	E27 (E40)	12	203 (210)	—	1.43	1.10	3900	12000 (2)	3
250WSB/R40 Ref.Fluo.	250	R40	E27 (E40)	12	203 (210)	—	1.43	1.10	3900	12000 (2)	3
275WSB/R40 Flood	275	R40	E27 (E40)	12	203 (210)	—	1.60	1.28	4000	12000 (2)	3
275WSB/R40 Ref.Fluo.	275	R40	E27 (E40)	12	203 (210)	—	1.60	1.28	4000	12000 (2)	3
275WSB/R44 Flood	275	R44	E27 (E40)	12	210 (213)	—	1.60	1.28	4000	12000 (2)	4
275WSB/R44 Ref.Fluo.	275	R44	E27 (E40)	12	210 (213)	—	1.60	1.28	4000	12000 (2)	4
300WSB/R40 Flood	300	R40	E27 (E40)	12	203 (210)	—	2.00	1.60	4200	12000 (1)	3
300WSB/R40 Ref.Fluo.	300	R40	E27 (E40)	12	203 (210)	—	2.00	1.60	4200	12000 (1)	3
300WSB/R44 Flood	300	R44	E27 (E40)	12	210 (213)	—	2.00	1.60	4200	12000 (2)	4
300WSB/R44 Ref.Fluo	300	R44	E27 (E40)	12	210 (213)	—	2.00	1.60	4200	12000 (2)	4
450WSB/R57 Flood	450	R57	E40	6	320	—	2.80	2.10	8700	16000 (3)	5
450WSB/R57 Ref.Fluo.	450	R57	E40	6	320	—	2.80	2.10	8700	16000 (3)	5
500WSB/R57 Flood	500	R57	E40	6	320	—	3.00	2.20	9100	16000 (3)	5
500WSB/R57 Ref.Fluo.	500	R57	E40	6	320	—	3.00	2.20	9100	16000 (3)	5
750WSB/R57 Flood	750	R57	E40	6	320	—	4.95	3.30	14000	16000 (2)	5
750WSB/R57 Ref.Fluo.	750	R57	E40	6	320	—	4.95	3.30	14000	16000 (2)	5
750WSB/R60 Ref.Fluo.	750	R60	E40	4	390	—	4.95	3.30	14000	16000 (3)	6
1000WSB/R88 Flood	1000	R88	E40	1	415	—	7.70	4.80	20000	16000 (3)	7
1000WSB/R88 Ref.Fluo.	1000	R88	E40	1	415	—	7.70	4.80	20000	16000 (3)	7
1250WSB/R88 Flood	1250	R88	E40	1	415	—	9.80	6.10	26000	16000 (2)	7
1250WSB/R88 Ref.Fluo.	1250	R88	E40	1	415	—	9.80	6.10	26000	16000 (2)	7

- Notes:
- Burning positions: Universal
  - Current and lumens data will change depending on the rated voltage of the lamps.
  - Burning condition
    - (1) Indoor use
    - (2) For indoor or outdoor use: If outdoors, base-down operation lamp should be protected by a fully enclosed fixture which is adequately ventilated. Base up operation lamp can be used in open face fixture 40° below horizontal.
    - (3) Indoor and outdoor use with a suitable lamp holder.
  - Deluxe White Phosphor is coated for White and Ref. Flu. type lamps.
  - 220/230V is the rated voltage for the above lamps except for \*\*\* marked lamps.
  - \*\*\* marked lamps: The rated voltage is 100 - 120V.

### LIGHT RESTRICTIONS

- Indoor/Outdoor Uncovered Lighting  
Can be used indoors or out. However an Iwasaki holder must be used for outdoor applications. The use of other holders may cause damage.
- Indoor/Outdoor Lighting  
Can be used indoors or out. However a waterproof or resistant fixture should be used for outdoor applications.

There are various rated voltage type lamps. Please contact Iwasaki Electric Co., Ltd.

Reflector bulb self-ballasted mercury lamp.

### Features

- Direct replacement for incandescent lamp as it operates on mains voltage without additional gears.
- Higher efficacy and longer lamp life compared to incandescent lamps.
- Mixed light provides more natural and improved light colour
- Wide variety of models are available in wattages and bulb types.
- Coated: Ra 58, CCT=3900K
- Clear: Ra 28, CCT=5200K

Notes:  
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