

Close-range Reflector IR Lamp – LRP

Specification Datasheet · TopRays Special Light Sources

The LRP close-range reflector lamp is an infrared halogen heating solution built for industrial applications. Its close-range reflector design focuses 100% of the lamp radiant energy precisely into a defined heating zone for loss-free, targeted heating.



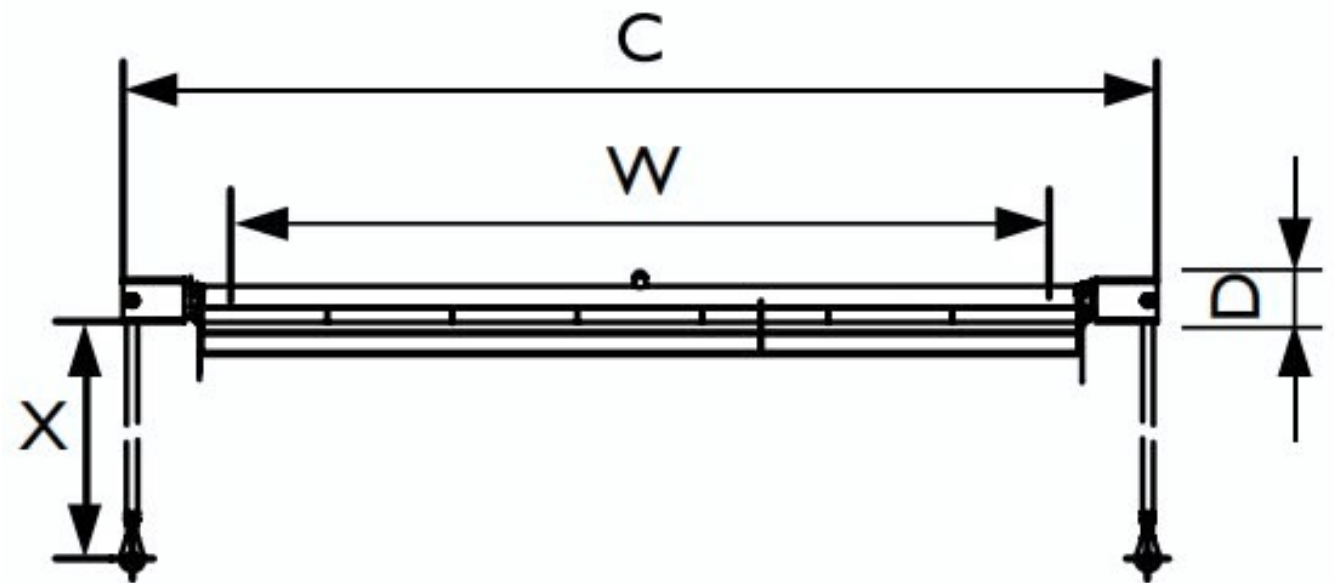
Key Advantages

- Maximum focus: the reflector concentrates all radiation into the target zone, with no scattered losses and very high heating efficiency
- Significant energy savings: up to 40% lower power consumption than conventional IR halogen radiators, greatly reducing operating cost
- Precise zoning: among the best heating-zone control available, meeting demanding zoned-temperature processes
- Easy installation: plug-and-play mounting needs no special tools or commissioning for fast replacement and deployment
- Reliable and durable: average life of up to 5,000 hours reduces frequent replacement costs

Applications

- Plastic forming and welding
- Coating and paint drying
- Textile heat setting
- Food processing
- Wood and composite processing
- Metal preheating

Outline Dimensions



LRP lamp outline dimensions (C overall length, W heated length, D tube diameter, X lead; in millimetres).

Specifications

Model	Power (W)	Voltage (V)	Note	Overall length C (mm)	Heated length W (mm)	Cap	Tube diameter D (mm)	CCT (K)	Mounting	Lead (X)	Terminal
14231/LRP-SW	1,000	235	LRP V119	355	280	SK15s-21	9.9	2500	Horizontal	310/310 white insulation	Spliced
14232/LRP-SW	1,500	235	LRP V119	355	280	SK15s-21	9.9	2350	Horizontal	310/310 white insulation	Spliced
14192/LRP	1,700	235	LRP V119	355	280	SK15s-21	9.9	2700	Horizontal	230/230 white insulation	Spliced
14222/LRP	1,700	235	LRP V114	355	280	SK15s-21	9.9	2700	Horizontal	230/230 white insulation	Spliced
14233/LRP-SW	1,700	235	LRP V119	355	280	SK15s-21	9.9	2700	Horizontal	310/310 white insulation	Spliced

Model	Power (W)	Voltage (V)	Note	Overall length C (mm)	Heated length W (mm)	Cap	Tube diameter D (mm)	CCT (K)	Mounting	Lead (X)	Terminal
14214/LRP	2,000	400	LRP V219	382	306	SK15s-21	9.9	2600	Horizontal	230/230 white insulation	Spliced
14215/LRP	2,000	400	LRP V214	382	306	SK15s-21	9.9	2600	Horizontal	230/230 white insulation	Spliced
14224/LRP	2,000	235	LRP V114	355	280	SK15s-21	9.9	2500	Horizontal	160/160 double insulation	Ring
14225/LRP	2,000	235	LRP V119	355	280	SK15s-21	9.9	2500	Horizontal	160/160 double insulation	Ring
14234/LRP-SW	2,000	235	LRP V119	355	280	SK15s-21	9.9	2500	Horizontal	310/310 white insulation	Spliced
14236/LRP	2,000	400	LRP V119	355	284	SK15s-21	9.9	2700	Horizontal	300/300 white insulation	Spliced
14237/LRP	2,500	400	LRP V119	355	287	SK15s-21	9.9	2700	Horizontal	300/300 white insulation	Spliced
14226/LRP	3,000	235	LRP V114	355	278	SK15s-21	9.9	2650	Horizontal	160/160 double insulation	Ring
14227/LRP	3,000	235	LRP V119	355	278	SK15s-21	9.9	2650	Horizontal	160/160 double insulation	Ring
14235/LRP-SW	3,000	235	LRP V119	355	278	SK15s-21	9.9	2650	Horizontal	310/310 white insulation	Spliced
14238/LRP-SW	3,000	400	LRP V119	355	280	SK15s-21	9.9	2650	Horizontal	300/300 white insulation	Spliced