

Arcstream™ Double Ended

Metal Halide lamps
70W, 150W and 250W

Applications

High brightness, high quality white and coloured light with good colour rendition, excellent colour consistency and energy efficiency make these lamps suitable for retail environments and commercial interiors. Lamps with UVC feature are optimal for museum and retail environments where UV control is important.

- Interior spaces
- Buildings
- Shops
- Monuments
- Exhibitions
- Entertainment venues
- Museums
- Libraries
- Shops
- Offices
- Amenity areas



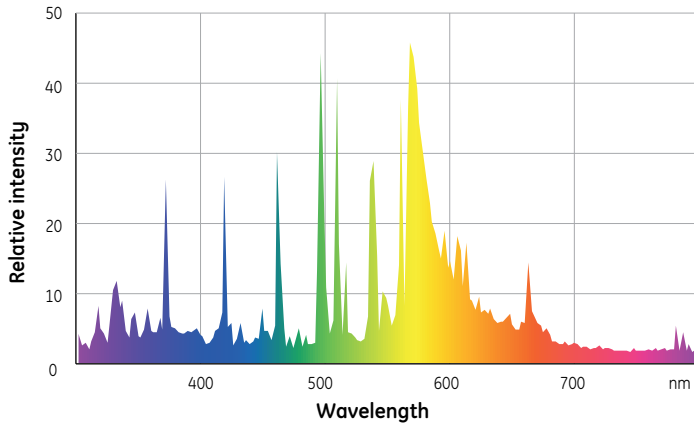
Basic data

Wattage [W]	Rated Wattage [W]	Volts [V]	Cap	Product Description	Product Code	Nominal Lumen [lm]	Rated Lumen [lm]	Rated Lamp Efficacy [lm/W]	CCT [K]	CRI [Ra]	Mercury Content [mg]	Life (horizontal) [h]	Pack Qty
Arcstream™ Double Ended UVC													
70	75	95	RX7s	ARC70/UVC/TD/730/Rx7s	34530	5,500	5,500	78	3,000	70	9.2	6,000	12
70	75	95	RX7s	ARC70/UVC/TD/742/Rx7s	34536	5,500	5,500	78	4,200	70	8.3	6,000	12
150	150	95	RX7s-24	ARC150/UVC/TD/732/Rx7s-24	34527	12,000	12,000	80	3,200	70	14.5	6,000	12
150	150	95	RX7s-24	ARC150/UVC/TD/742/Rx7s-24	34535	12,000	12,000	80	4,200	70	12.0	6,000	12
Arcstream™ Double Ended RG-3													
150	150	95	RX7s-24	ARC150/AQUA/TD/865/Rx7s-24	35284	11,000	11,000	73	6,500	85	12.8	8,000	12
150	150	110	RX7s-24	ARC150/TD/952/Rx7s-24	93772	11,000	11,000	73	5,200	90	13.6	8,000	12
250	250	114	Fc2	ARC250/TD/832/Fc2	30099	20,000	20,000	80	3,200	75	15.5	8,000	12
250	250	115	Fc2	ARC250/TD/842/Fc2	30101	20,000	20,000	80	4,200	75	14.5	8,000	12
Arcstream™ Double Ended Coloured UVC													
150	150	95	RX7S-24	ARC150/UVC/TD/BLUE/RX7S-24	12182	3,500	3,500	-	Blue	-	18.5	6,000	12
150	150	95	RX7S-24	ARC150/UVC/TD/GREEN/RX7S-24	12181	9,000	9,000	-	Green	-	15.0	6,000	12
150	150	95	RX7S-24	ARC150/UVC/TD/MAGENTA/RX7S-24	12184	7,400	7,400	-	Magenta	-	17.0	6,000	12
150	150	95	RX7S-24	ARC150/UVC/TD/ORANGE/RX7S-24	12183	8,000	8,000	-	Orange	-	17.0	6,000	12

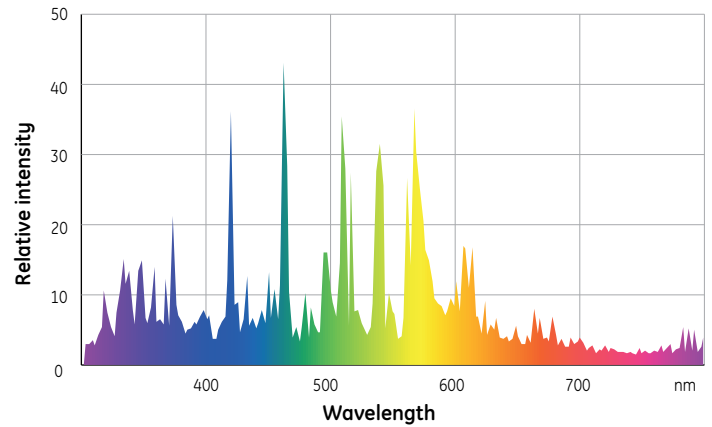


Spectral power distribution

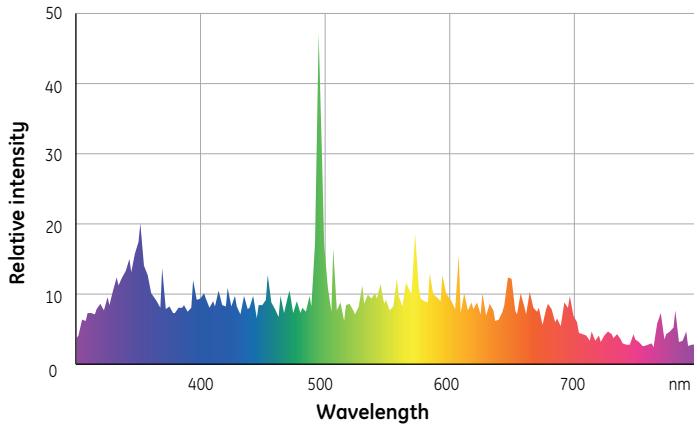
3000K warm white spectral power distribution



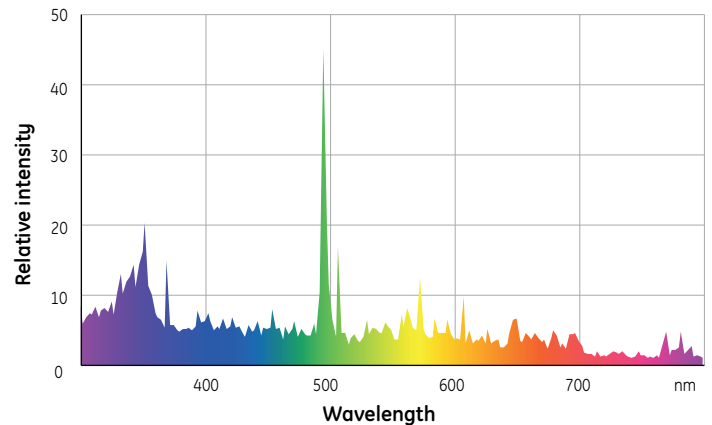
4200K natural white spectral power distribution



5200K daylight spectral power distribution



6500K aqua spectral power distribution



Operating note

Arcstream™ Double Ended lamps have an outer bulb made of quartz which transmits UVA and UVB radiation. All metal halide lamps, including Arcstream™ Double Ended, operate with a high internal pressure and there is a slight risk that lamps may shatter, particularly if run beyond rated life. At end of life a switch off should be introduced every 24 hours to reduce the risk of shattering. The lamp must be fully enclosed by a luminaire to ensure the retention of any fragments in the event of such failure.

Electrical data

Data is based on a nominal lamp operating from a nominal choke (reactor) ballast with power factor correction. Supply power will be based on the characteristics of the commercially available ballast.

Lamp data

Watts	Volts ±10 [V]	Current [A]	Power [W]	Maximum Current Crest Factor
70	95	0.98	75	1.8
150	95	1.8	150	1.8
250	100	3.0	250	1.8

Run-up characteristics

Time for the light output to reach 90% of the final value is determined by supply voltage and ballast design. Typical value is three minutes.

Hot re-strike time

All ratings re-strike within 10 minutes following a short interruption in the supply. Hot re-strike may be achieved using a suitable ignitor. Actual re-strike time is determined by ignitor type, pulse voltage and cooling rate of the lamp.

Typical run-up characteristics

