



HeLeN technology for comfort heating

Philips infrared lamps with HeLeN technology

PHILIPS

Instant heat exactly where and when needed

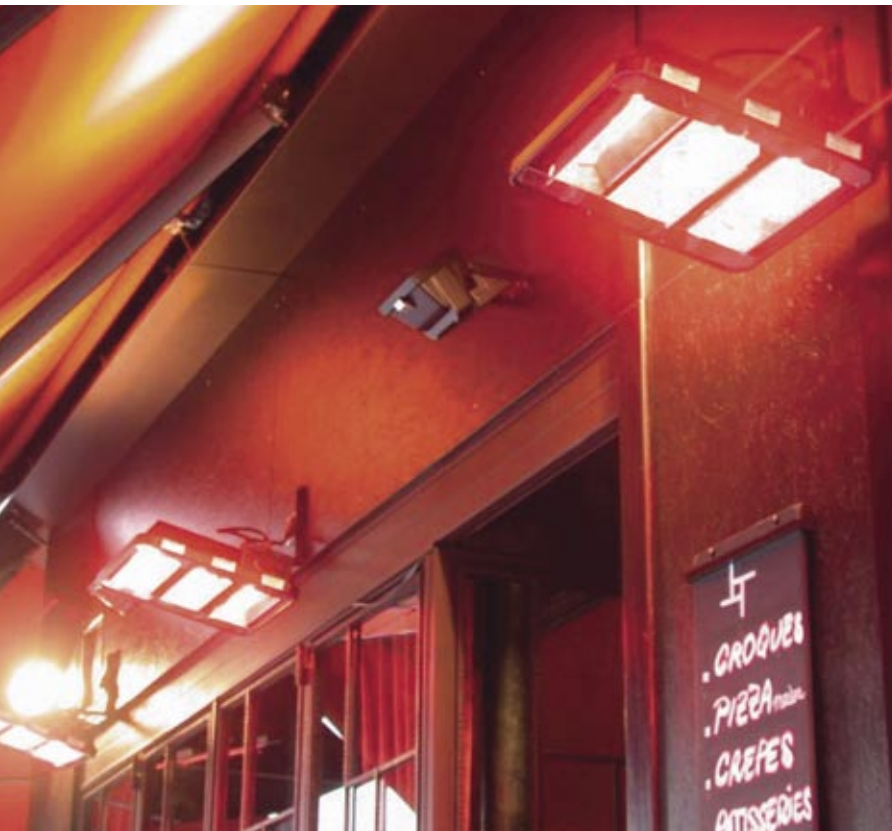
The revolutionary Philips infrared lamps with HeLeN technology are based on Philips' world-leading technology to meet the specific demands of comfort heating and other applications that require low glare. These tubular halogen lamps offer numerous important benefits.

Their instant response means heat is delivered fast, so people feel warm in seconds. These lamps heat people, not the air and are controlled at the flick of a switch. Philips infrared lamps with HeLeN technology have all the flexibility, economy and energy-efficiency of a modern heating system. There are no emissions, no flammable contents and no fuel storage problems. They do not disturb or deposit dust, helping to keep a clean environment.

Philips infrared lamps with HeLeN technology take up less space than other forms of heating. They run on the normal electric mains supply, therefore these lamps are very flexible in use. Philips infrared lamps with HeLeN technology are highly energy-efficient: because they convert virtually all the electrical power into heat, hardly any energy is wasted. The power can be switched on and off instantly, so Philips infrared lamps with HeLeN technology can be used whenever and wherever they are needed.

Lamps for comfort and direct heat	
Features	Benefits
Low glare	Natural colour output
Instant Heat	Just switch on and get convenient energy-efficient heating when and where you need it
Direct heat	Warms the people and not the air, more comfort for less energy
Dimmable	Comfortable warmth that is adaptable to match the season

Philips infrared lamps with HeLeN technology are a simple, flexible, effective, reliable, economical and comfortable heat source, which are set to make a significant difference to the world of comfort heating.

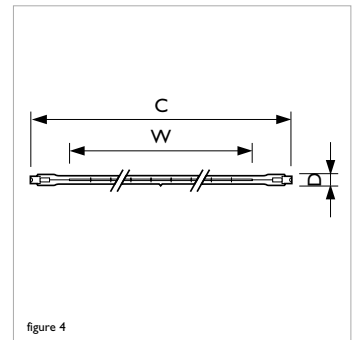
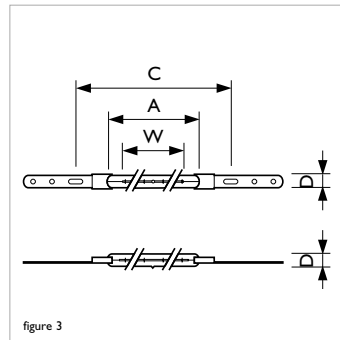
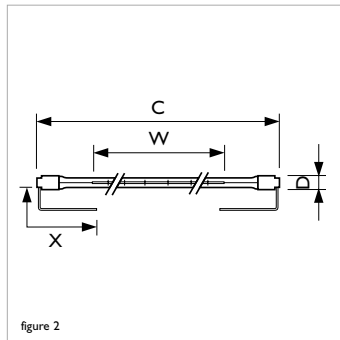
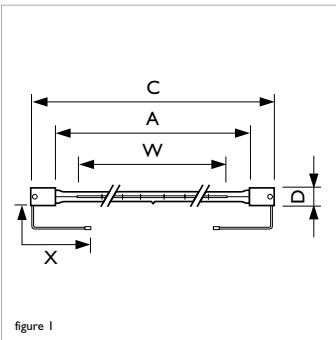


Applications

- Outdoor comfort heating, restaurant and café terraces and other outdoor seating
- Space heating in factories, sports halls, exhibition halls, work areas, churches, large halls, warehouses, storage areas, garages, greenhouses, open-air applications, stadiums, camp sites, de-icing and many more



Picture by Weinor



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Type	Lamp Wattage	Voltage	Fig.	Cap/ Base	Total lamp length (mm)	Heating length (mm)	Diameter (mm)	Finish	Burning position	Average lamp life	Cable (mm)	Cable connection	I2nc	EOC	US Product Number
	(W)	(V)			C	W	D			(h)					
I5011Z	500	235	I	SK15	227,5	162	11	HeLeN	Horizontal	5.000	300	Splice	9245.299.43216	871150049641625	-
I5024Z	1.000	120	I	SK15	355,0	280	11	HeLeN	Horizontal	5.000	300	Faston	9245.453.36316	871150051936825	365163
I5007Z	1.000	235	I	SK15	355,0	280	11	HeLeN	Horizontal	5.000	300	Faston	9245.242.45516	871150049611925	280503
I5008X	1.000	235	3	X	370,0	280	11	HeLeN	Horizontal	5.000	-	-	9245.273.44516	871150049613325	-
I5009Z	1.000	235	I	SK15	355,0	280	11	HeLeN	Universal	5.000	900	Faston	9245.274.44916	871150049614025	-
I5019Z	1.000	235	I	SK15	355,0	280	11	HeLeN	Horizontal	5.000	300	Faston	9245.411.44916	-	289256
I5007R	1.000	235	4	R7S	350,0	272	11	HeLeN	Horizontal	5.000	-	-	9245.718.44916	871150049687425	-
I5015Z	1.500	120	I	SK15	355,0	280	11	HeLeN	Horizontal	5.000	300	Fork	9245.338.31916	871150049824325	508044
I5004Z	1.500	235	I	SK15	355,0	280	11	HeLeN	Horizontal	5.000	300	Faston	9245.231.45516	871150005607825	-
I5034Z	1.500	235	I	SK15	355,0	280	11	HeLeN	Universal	5.000	300	Faston	9245.567.44916	871150018591425	-
I5010Z	1.500	240	I	SK15	355,0	280	11	HeLeN	Horizontal	5.000	300	Fork	9245.297.45516	871150049640925	-
I5005Z	2.000	235	I	SK15	355,0	280	11	HeLeN	Horizontal	5.000	300	Faston	9245.244.45516	871150049612625	-
I5021Z	2.000	235	I	SK15	355,0	280	11	HeLeN	Universal	5.000	300	Faston	9245.443.44916	871150051906125	-
I5012U	3.000	235	2	U	503,0	423	11	HeLeN	Universal	5.000	146	Splice	9245.310.45524	871150049744425	249615
I5049Z	1000	120	I	SK15	355,0	280	11	HeLeN	Universal	5.000	300	Faston	9245.751.36316	871150050697925	-



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Data subject to change
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