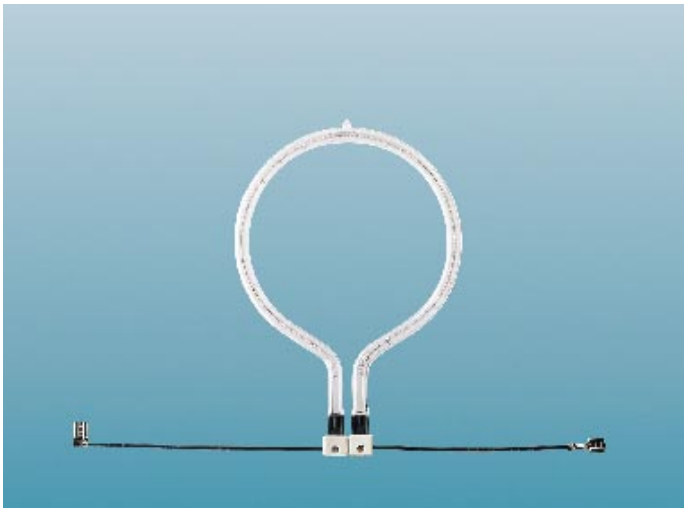
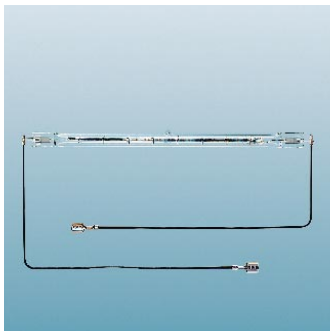
Infrared heat lamps



Round

Facetted



Straight

Tubular quartz infrared lamps are high-powered heat sources incorporating a tungsten filament within a quartz envelope.
The lamps are of the halogen type, which avoids blackening of the tube and consequently infrared depreciation over the lamp lifetime.
Philips infrared heat lamps for cooking are highly economical, converting practically all of the consumed electrical power into heat.
The lamps comply fully with the IEC standards.
Full power is reached within a second of switching on.

Similarly, no power is emitted within a second of switching off.
Cooking lamps have a horizontal +/- 15 degrees burning position.

Applications
- Preparation of food in vitro/ceramic cooker or oven; grilling, fast baking; food warming.

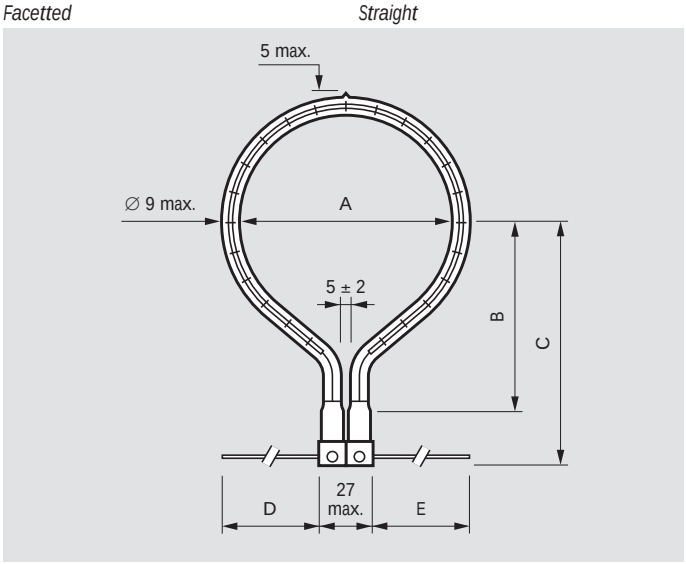


Fig. 1 *Dimensions in mm*

Type	A	B	C max.	D	E
Round Cap/base SK11					
16400R-FB	103.0±2.0	73.5±2.0	98.0	90.0±5.0	110.0±5.0
16406R-CB	103.0±2.0	93.5±2.0	119.5	100.0±5.0	100.0±5.0
16407R-FB	103.0±2.0	91.0±2.0	117.0	120.0±5.0	130.0±5.0
16701R-FB	138.0±2.0	91.0±2.0	117.0	110.0±5.0	130.0±5.0

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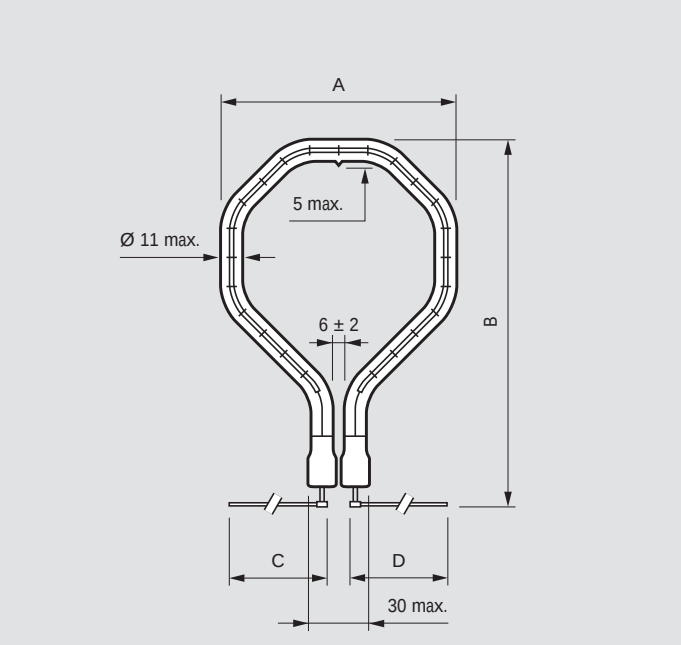

Fig. 2

Type	A	B max.	C	D
8 Facets				
13610F-VB	94.0±2.0	172.0	130.0±5.0	130.0±5.0
13612F-VB	113.0±2.0	196.5	130.0±5.0	130.0±5.0
13614F-VB	113.0±2.0	196.5	200.0±5.0	200.0±5.0
13939F-VB	94.0±2.0	148.0	105.0±5.0	105.0±5.0
13610F-VBC	94.0±2.0	172.0	360.0±5.0	200.0±5.0

Dimensions in mm

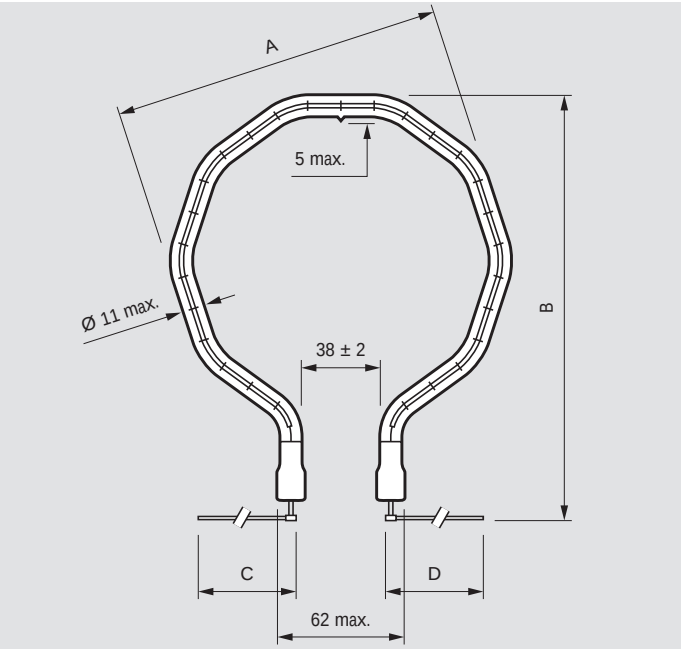

Fig. 3

Type	A	B max.	C	D
10 Facets				
13611F-V	159.0±2.0	204.5	360.0±5.0	200.0±5.0
13615F-V	189.0±2.0	234.5	200.0±5.0	200.0±5.0
13613F-VB	189.0±2.0	234.5	130.0±5.0	130.0±5.0

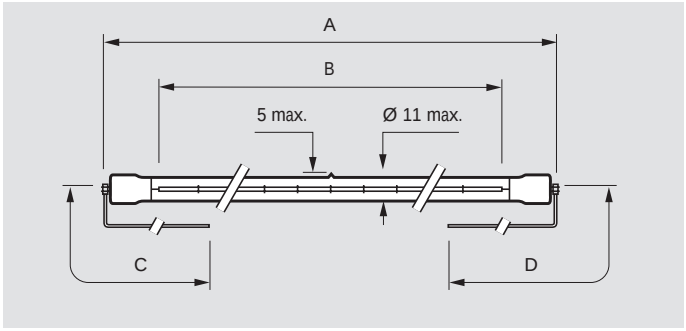

Fig. 4

Type	A max.	B	C	D max.
Straight Cap/base V				
13271V	179.0	95.0±5.0	210.0±5.0	210.0±5.0
13395V	187.0	105.0±5.0	210.0±5.0	210.0±5.0
13396V	217.0	136.0±5.0	210.0±5.0	210.0±5.0
Straight Cap/base VB				
13689VB	223.0	153.0±5.0	285.0±5.0	285.0±5.0

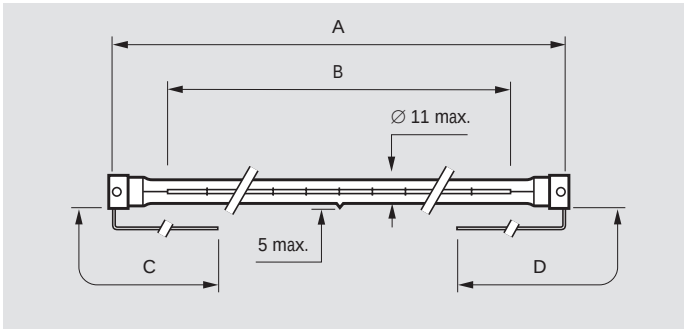

Fig. 5 *Dimensions in mm*

Type	A max.	B	C	D max.
Straight Cap/base SK11				
13398VB	216.0	136.0±5.0	115.0±5.0	290.0±5.0
13399VB	186.0	105.0±5.0	100.0±5.0	250.0±5.0

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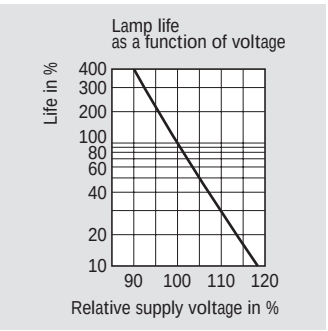
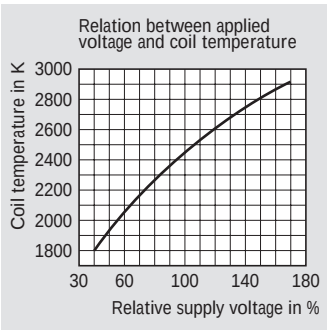
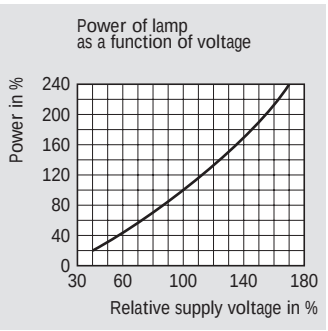
Type	V	W	Fig.	Cap/ base[1)]	Finish	Correlated colour temperature K	Burning position	Lamp life 50% h	Ordering number	EOC
FACETTED										
13939F-VB	110V	400W	2	VB	CLEAR	2000	P15	5000	9245 137 31900	-
13939F-VB	230V	400W	2	VB	CLEAR	2150	P15	5000	9245 137 44200	-
13610F-VBC	230V	750W	2	VB	CLEAR	2400	P15	5000	9245 004 43200	-
13612F-VB	230V	1000W	2	VB	CLEAR	2350	P15	5000	9239 371 43200	-
13611F-V	230V	1050W	3	V	CLEAR	2350	P15	5000	9239 374 43200	-
13614F-VB	230V	1100W	2	VB	CLEAR	2400	P15	5000	9239 369 43200	-
13613F-VB	230V	1200W	3	VB	CLEAR	2400	P15	5000	9239 370 43200	-
13615F-V	230V	1300W	3	V	CLEAR	2400	P15	5000	9239 368 43200	-
ROUND										
16407R-FB	100V	800W	1	SK11	FROST	2350	P15	5000	9245 333 30900	-
16400R-FB	150V	800W	1	SK11	FROST	2400	P15	5000	9245 247 37300	-
16406R-CB CL	125V	1000W	1	SK11	CLEAR	2400	P15	5000	9245 313 35500	-
16701R-FB	150V	1200W	1	SK11	FROST	2400	P15	5000	9245 246 37900	-
STRAIGHT										
13399VB	147V	400W	5	SK11	CLEAR	2400	P15	5000	9245 213 41300	-
13395V	135V	415W	4	V	CLEAR	2350	P15	5000	9238 509 36600	-
13396V	110V	450W	4	V	CLEAR	2350	P15	5000	9239 256 31900	-
13398VB	110V	450W	5	SK11	CLEAR	2400	P15	5000	9245 212 31900	-
13271V	230V	645W	4	V	CLEAR	2350	P15	5000	9239 064 43300	-
13688VB	230V	850W	4	VB	CLEAR	2400	P15	5000	9239 393 44200	-
13689VB	230V	1000W	4	VB	CLEAR	2400	P15	5000	9239 394 44200	-

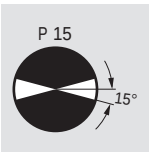
[1)] *VB = Black coating of lamp leg + leads*
V = uninsulated base + leads
SK11 = SK11 cap + leads



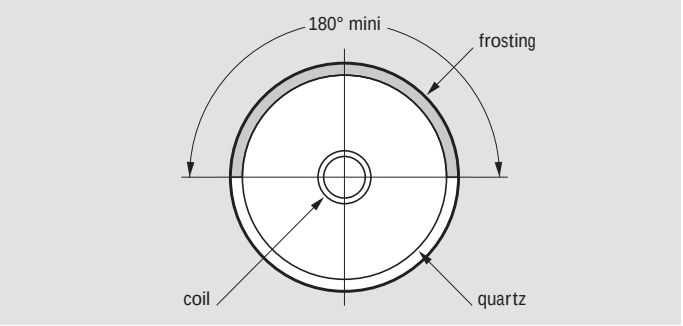




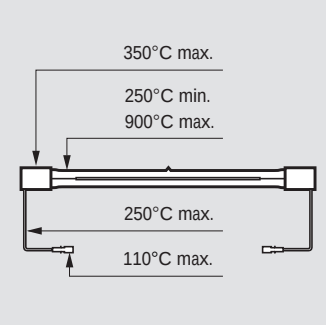
Special diagrams



Burning position



Cross-section



Permissible temperatures

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