

Quartz Infrared Heat Lamps

Watts	Product Number	Description	Volts	Bulb	Base	Pkg. Qty.	Finish	Filament	LL		MOL		Rated Avg. Life (Hrs.)	Diam. (mm)	W/cm	Color Temp. (K)	Burning Position	Fig. No.
									(In.)	(mm)	(In.)	(mm)						
200	36043-8	13912R	230	T-3	RX7s	10	Clear	C-8	4.7	120	7.4	189	5000	11	16.7	2300	Universal	2
375	20997-3	375T3/7	120	T-3	RX7s	10	Trans.	C-8	5	127	8.6	217.6	5000	11	29.5	2450	Universal	2
500	21651-5	500T3	120	T-3	U	10	Trans.	C-8	5	127	8.8	223.8	5000	11	39.4	2450	Horiz.±15°	6
	20994-0	500T3/7	120	T-3	RX7s	10	Trans.	C-8	5	127	8.6	217.6	5000	11	39.4	2450	Horiz.±15°	2
	31203-3	13169X	120	T-3	X	10	Clear	C-8	5.6	142	9.5	241	5000	11	35.2	2450	Horiz.±15°	3
	31207-4	13169Y	120	T-3	Y	10	Clear	C-8	5.6	142	8.6	218	5000	11	30.3	2450	Horiz.±15°	7
	31205-8	13169X/98 (1)	120	T-3	X	10	Reflector	C-8	5.6	142	9.5	241	5000	11	35.2	2450	Horiz.±15°	3
800	21680-4	800T3	120	T-3	U	10	Trans.	C-8	8	203	12	303	5000	11	39.4	2450	Horiz.±15°	6
1000	20995-7	1000T3	240	T-3	U	10	Trans.	C-8	10	254	13.8	350.8	5000	11	39.4	2450	Horiz.±15°	6
	21000-5	1000T3/CL	240	T-3	U	10	Clear	C-8	10	254	13.8	350.8	5000	11	39.4	2450	Horiz.±15°	6
	31213-2	13195X	235	T-3	X	10	Clear	C-8	10.7	272	14.6	370	5000	11	36.8	2450	Horiz.±15°	3
	31225-6	13195Y	235	T-3	Y	10	Clear	C-8	10.7	272	13.7	348	5000	11	36.8	2450	Horiz.±15°	7
	31267-8	13713Z/98 (1)	235	T-3	Z	10	Reflector	C-8	10.7	272	14	357.5	5000	11	36.8	2450	Horiz.±15°	4
	31260-3	13713X	235	T-3	X	10	Clear	C-8	10.7	272	14.6	370	5000	11	36.8	2450	Horiz.±15°	3
	31216-5	13195X/98 (1)	235	T-3	X	10	Reflector	C-8	10.7	272	14.1	360	5000	11	36.8	2450	Horiz.±15°	3
	29105-4	6990P	120	T6	G9.5	10	Clear	CC-8	1.375	60.3	4	101	300	20		2450	Universal	9
29107-0	6990P Long Life	120	T6	G9.5	10	Clear	CC-8	1.375	60.3	4	101	450	20		3100	Universal	9	
1200	28853-0	13561Y/00	144	T-3	Y	10	Clear	C-8	6.1	155	9	228	5000	11	77.4	2450	Horiz.±15°	1
	27063-7	13561Y/98 (1)	144	T-3	Y	10	Reflector	C-8	6.1	155	9	228	5000	11	77.4	2400	Horiz.±15°	1
1600	21676-2	1600T3	208	T-3	U	10	Trans.	C-8	16	406	19.8	503	5000	11	39.4	2450	Horiz.±15°	6
	20996-5	1600T3	240	T-3	U	10	Trans.	C-8	16	406	19.8	503	5000	11	39.4	2450	Horiz.±15°	6
	21590-5	1600T3	277	T-3	U	10	Trans.	C-8	16	406	19.8	503	5000	11	39.4	2450	Horiz.±15°	6
	21003-9	1600T3/7	240	T-3	RX7s	10	Trans.	C-8	16	406	19.6	498.5	5000	11	39.4	2450	Horiz.±15°	2
	21678-8	1600T3/CL	240	T-3	U	10	Clear	C-8	16	406	19.8	503	5000	11	39.4	2450	Horiz.±15°	6
	28875-3	13568Y/00	144	T-3	Y	10	Clear	C-8	6.1	155	9	228	5000	11	103.2	2450	Horiz.±15°	1
	27062-9	13568Y/98 (1, 2)	144	T-3	Y	10	Reflector	C-8	6.1	155	9	228	5000	11	103.2	2500	Horiz.±15°	1
	28378-8	1600T3/CL	277	T-3	U	10	Clear	C-8	16	406	19.8	503	5000	11	39.4	2500	Horiz.±15°	6
2000	31198-5	13168X	235	T-3	X	10	Clear	C-8	11.1	282	14.6	370	5000	11	71.4	2450	Horiz.±15°	3
	31200-9	13168Z/98 (1)	235	T-3	Z	10	Reflector	C-8	11	280	14	357.5	5000	11	71.4	2450	Horiz.±15°	4
	21169-8	13213Y/00	235	T-3	Y	10	Clear	C-8	11	280	14	357.5	5000	11	71.4	2450	Horiz.±15°	1
	31252-0	13245X/98 (1)	400	T-3	X	10	Reflector	C-8	16.2	410	20	508	5000	11	48.8	2450	Horiz.±15°	3
	31269-4	13765X	400	T-3	X	10	Clear	C-8	16.2	410	20	508	5000	11	48.8	2450	Horiz.±15°	3
	26665-0	14103Z/98 (1)	235	T-3	SK15	10	Reflector	C-8	11	280	14.1	360	5000	11	71.4	2450	Horiz.±15°	5
	21592-1	2000T3/ICL/HT	240	T-3	U	10	Clear	C-8	10	254	12	303	5000	11	78.8	2500	Horiz.±15°	6
	21648-1	2000T3/ICL	240	T-3	U	10	Clear	C-8	10	254	12	303	5000	11	78.8	2450	Universal	6
	36855-5	13765X/98	400	T-3	X	10	Reflector	C-8	16.1	410	20	508	5000	11	48.8	2450	Universal	3
	35703-8	13168V	240	T-3	V	10	Clear	C-8	11	280	13.8	350	5000	11	71.4	2450	Horiz.±15°	8
37811-7	13213Z/98	235	T-3	Z	10	Reflector	C-8	11	280	14.1	358	5000	11	71.1	2450	Horiz.±15°	4	
2500	20998-1	2500T3	480	T-3	U		Trans.	C-8	25	635	28.8	731	5000	11	39.4	2450	Horiz.±15°	6
	21689-5	2500T3/7	480	T-3	RX7s	10	Trans.	C-8	25	635	28.7	730	5000	11	39.4	2450	Horiz.±15°	2
	23874-1	2500T3/CL	480	T-3	U	10	Clear	C-8	25	635	28.8	731	5000	11	39.4	2450	Horiz.±15°	6
	28217-8	14120R	480	T-3	RX7s	10	Clear	C-8	25	635	28.7	728	5000	11	39.4	2450	Horiz.±15°	2
3000	31244-7	13230X	400	T-3	X	10	Clear	C-8	27.6	700	31.4	798	5000	11	42.9	2450	Universal	3
	23648-9	13230X/98 (1)	400	T-3	X	10	Reflector	C-8	27.6	700	31.4	798	5000	11	42.9	2450	Horiz.±15°	3
3200	25435-9	3200T3/CL	240	T-3	U	10	Clear	C-8	32.1	815	41.8	1062	5000	11	39.3	2450	Horiz.±15°	6
3800	22128-3	3800T3	575	T-3	U	6	Trans.	C-8	38	965	41.8	1062	5000	11	39.4	2450	Horiz.±15°	6
	22127-5	3800T3/CL	570	T-3	U	6	Clear	C-8	38	965	41.8	1062	5000	11	39.4	2450	Horiz.±15°	6
	22129-1	3800T3/CL/UB	575	T-3	U	6	Clear	C-8	38	965	41.8	1062	5000	11	39.4	2450	Vertical	6
5000	36845-6	5000T3/ICL/HT	600	T-3	U	6	Clear	C-8	25.1	638	28.8	731	5000	11	78.4	2450	Horiz.±15°	6
6000	29114-6	13170V	480	T-3	V	10	Clear	C-8	11.2	284	13.8	350	5000	11	211.3	2450	Horiz.±15°	8
	29123-7	13138V	480	T-3	V	10	Clear	C-8	9.3	236	12	303	5000	11	194.7	3000	Horiz.±15°	8
6850	29170-8	14118V	480	T-3	V	10	Clear	C-8	9.52	242	11.9	303	1000	11	28.3	3000	Horiz.±15°	8

1) Lamps have white reflective coating on bulb

2) Lamps have fork terminals

For the most current product information, go to www.nam.lighting.philips.com/us/ecatalog/

HeLeN Quartz Infrared Heat Lamps

Infrared HeLeN glare reduction lamps have a gold coating which reduces visible glare and raises the infrared output when compared to existing zone ruby sleeve heating lamps. These lamps feature a substantially lower visible glare level than either ruby and neutral density zone heating lamps. They have a narrower diameter and better color rendering than ruby sleeve lamps

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									(In.)	(mm)	(In.)	(mm)						
500	28836-5	I5018U	120	T-3	U	10	HeLeN	C-8	5	127	8.8	223.8	5000	11	39.4	N/A	Horiz±15°	6
1000	36516-3	I5024Z	120	T-3	SK15	10	HeLeN	C-8	11	280	14.1	360	5000	11	35.7	N/A	Horiz±15°	5
	28050-3	I5007Z	235	T-3	SK15	10	HeLeN	C-8	11	280	14.1	360	7000	11	35.7	N/A	Horiz±15°	5
	38175-6	I5019U	235	T-3	U	10	HeLeN	C-8	10.7	272	13.7	347	7000	11	36.8	N/A	Horiz±15°	6
	28925-6	I5019Z	235	T-3	SK15	10	HeLeN	C-8	11	280	14.1	360	7000	11	35.7	N/A	Horiz±15°	5
3000	249615	I5012U	235	T-3	U	10	HeLeN	C-8	16.3	413	19.9	504	5000	11	72.6	N/A	Universal	6

For the most current product information, go to www.nam.lighting.philips.com/us/catalog/

Tubular Quartz Infrared Bulb Shapes (Not Actual Sizes)

Tubular quartz infrared heat lamps are designed for service other than illumination. Unless otherwise noted,

1. Tubular quartz heat lamps should not be used in equipment where the seal temperatures exceed 350°F.
2. Operating position is HORIZONTAL.
3. RX7s Base = Recessed Single Contact

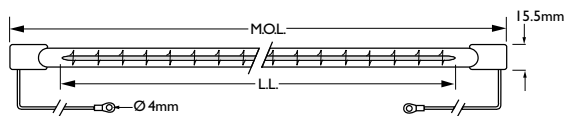


Fig. 1 (Y Base)
Leads Are Approximately 6"



Fig. 2 (RX7s Base)



Fig. 3 (X Base)

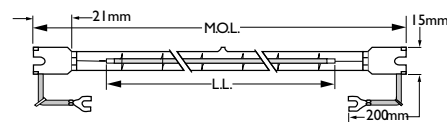


Fig. 4 (Z Base)

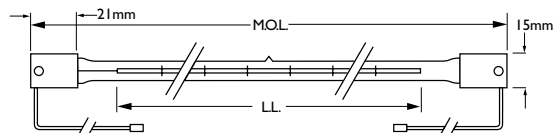


Fig. 5 (SK15 Base)
I3844Z/98—Lead is 15.7", I4103Z/98—Lead is 9"

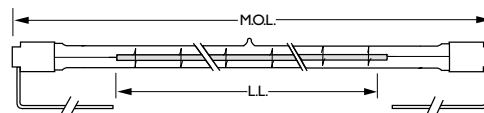


Fig. 6 (U Base)
Leads Are Approximately 6"

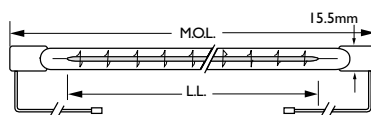


Fig. 7 (Y Base)
I3169Y—Lead is 6.3", I3195Y—Lead is 7.8"

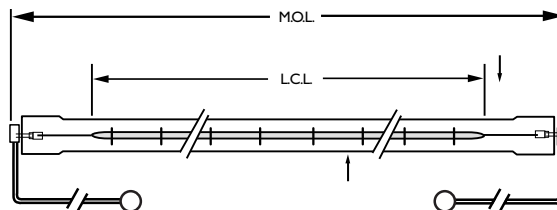


Figure 8 (V Base)
I3136V, I3170V, I3138V, I4118V lead is 1.5"
I3168V leads are 4.7" and 5.5"

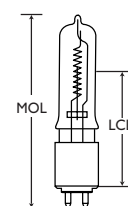


Fig. 9 (G9.5 Base)