

Philips Lighting

Product information

SON-T Deco

THE NEW
SON-T DECO
FOR CITY BEAUTIFICATION



For exclusive ambience in your city

Philips Lighting



PHILIPS

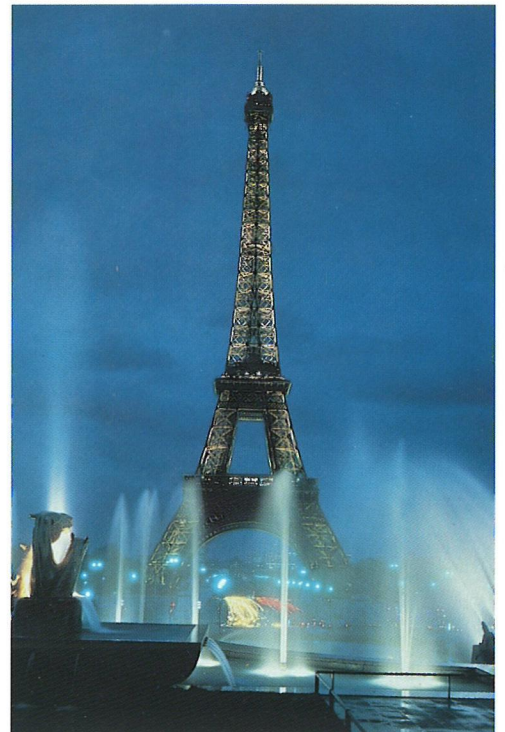
SON-T DECO
150 250 400 W
2500 K RA > 80



A new dimension in city light

Whereas in the past, priority was given to the lighting needs of motorised traffic in our cities, today there is a growing interest in the use of outdoor lighting to help improve the attractiveness of the city environment.

City beautification, as it is called, involves the lighting of buildings of all sorts, bridges, river-side walks, squares, pedestrian areas, parks and gardens, public works of art - to express their individual functional, historical, social and aesthetic significance and meaning.

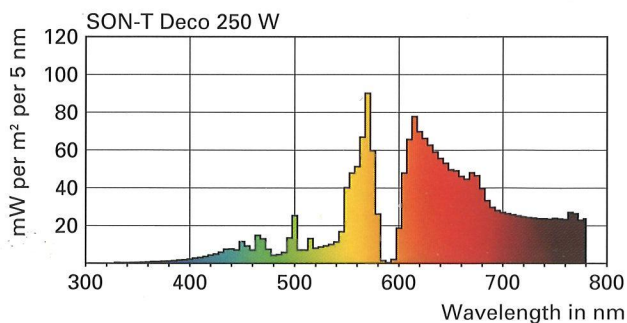


Benefits of SON-T Deco

-  Warm, white, incandescent-like light (2500K) for distinctive ambience and identity for city streets, squares, shopping promenades and monumental buildings.
-  Good colour rendering ($R_a > 80$) so shop facades and buildings look very attractive and natural at night.
-  Low installation costs due to simple replacement on existing SON systems and gear.
-  Choice of three tubular versions (T150, T250 and T400W) allowing the light output to be matched to specific application requirements.
-  Applications which require high lumen packages (7000, 15000 or 25500 lm) can now also be provided with warm light.



SON-T Deco is the new gas-discharge lamp specially developed by Philips with this trend towards city beautification in mind. With its warm, white colour and very good colour rendering, this lamp can make a major contribution to the creation of an atmosphere of exclusivity in city centres.



Manufacturer reserves the right to change specifications without prior notice.

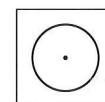
Technical data (1)

Lamp designation	Lamp base	Av. lamp voltage V	Av. lamp current A	Max. starting current A	Av. lum. flux lm (2)	Tc K (3)	C.R.I. Ra
SON-T Deco 150W	E40	115	1.6	3.4	7000	2500	>80
SON-T Deco 250W	E40	115	2.7	4.2	15000	2500	>80
SON-T Deco 400W	E40	110	4.2	6.4	25500	2500	>80

Lamp designation	Av. lamp efficacy lm / W	Min. supply voltage for ignition V	Max. permissible temperature °C		Run-up time min (4)	Av. rated life (50%) h (5)
			base	bulb		
SON-T Deco 150W	48	198	250	400	10	>8000
SON-T Deco 250W	60	198	250	400	10	>8000
SON-T Deco 400W	65	198	250	400	10	>8000

Note: 1. All these values are for the lamp operating inside a fixture under nominal conditions.
 2. After 100 burning hours.
 3. For constant operation use 220V on a 220V ballast or 230V on a 230V ballast.
 4. Time (minutes) after which the lamp has reached 80% of its luminous flux.
 5. Tc remains above 2300K during average rated lifetime under nominal conditions.

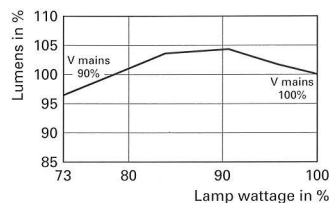
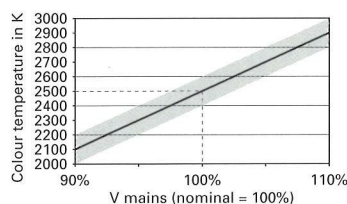
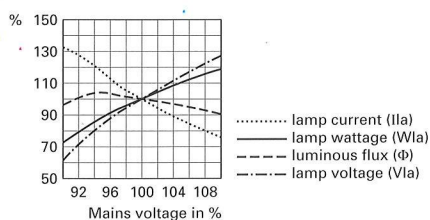
Burning position



Dimensions

Lamp designation	A max mm	B max mm	C max mm	
SON-T Deco 150W	34	137	211	
SON-T Deco 250W	41	160	256	
SON-T Deco 400W	47	178	281	

Effects of mains voltage variations



Dimming:

Maximum 50% of nominal lamp power by means of V mains reduction.
 At 70% of nominal lamp power (V mains reduction): lum flux > 95%
 Tc > 80% (nominal).

For more information on these products, please contact your local Philips Office.

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