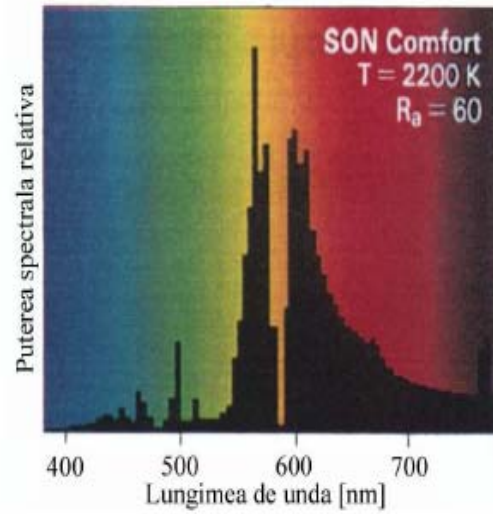
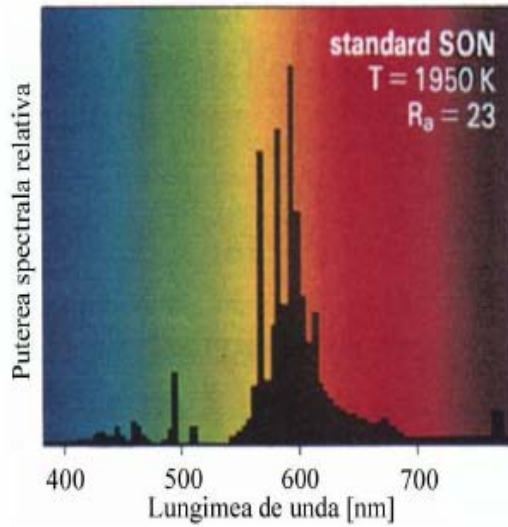


**Proiect 6**  
**Technical evaluation of public lighting system**

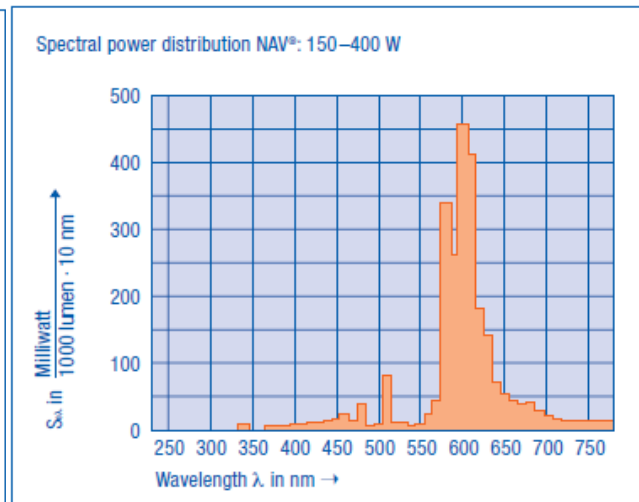
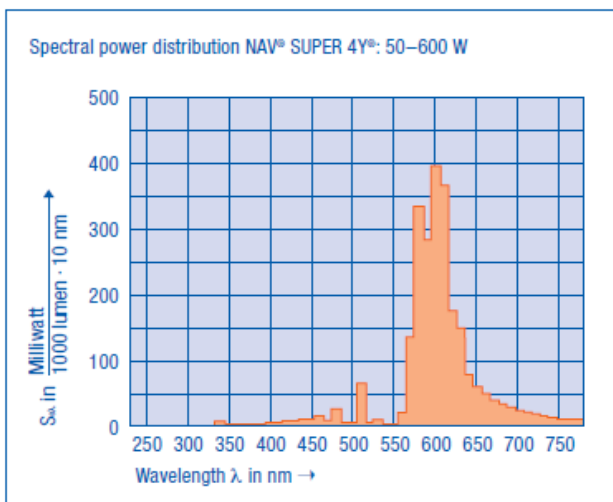


Stand incercari lampi iluminat public

## Spectre luminoase

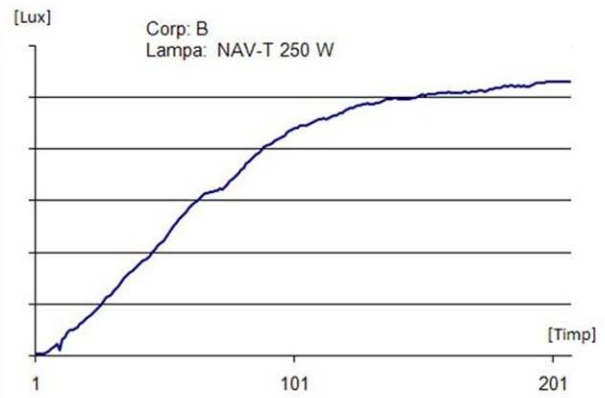
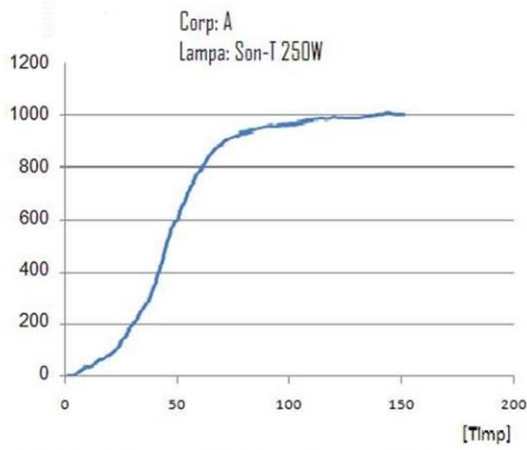


## Spectrul luminos la lampile cu vapori de Na sub presiune de tip SON Philips

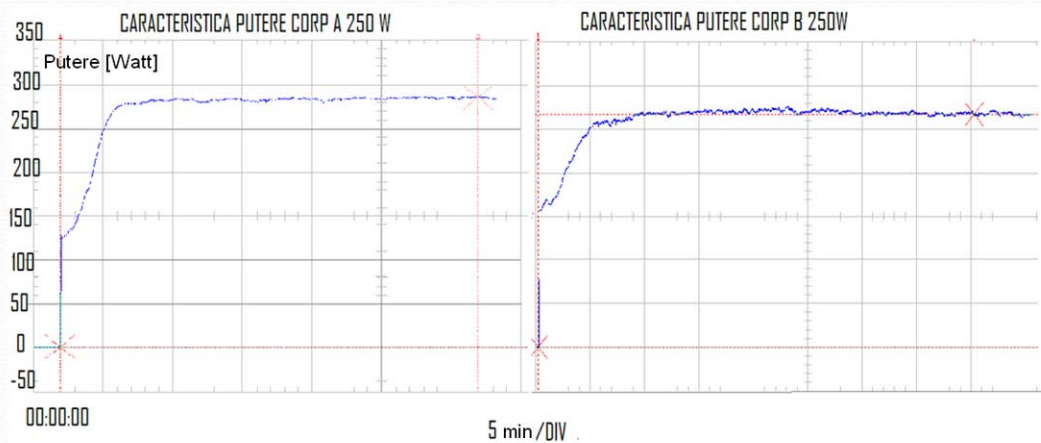


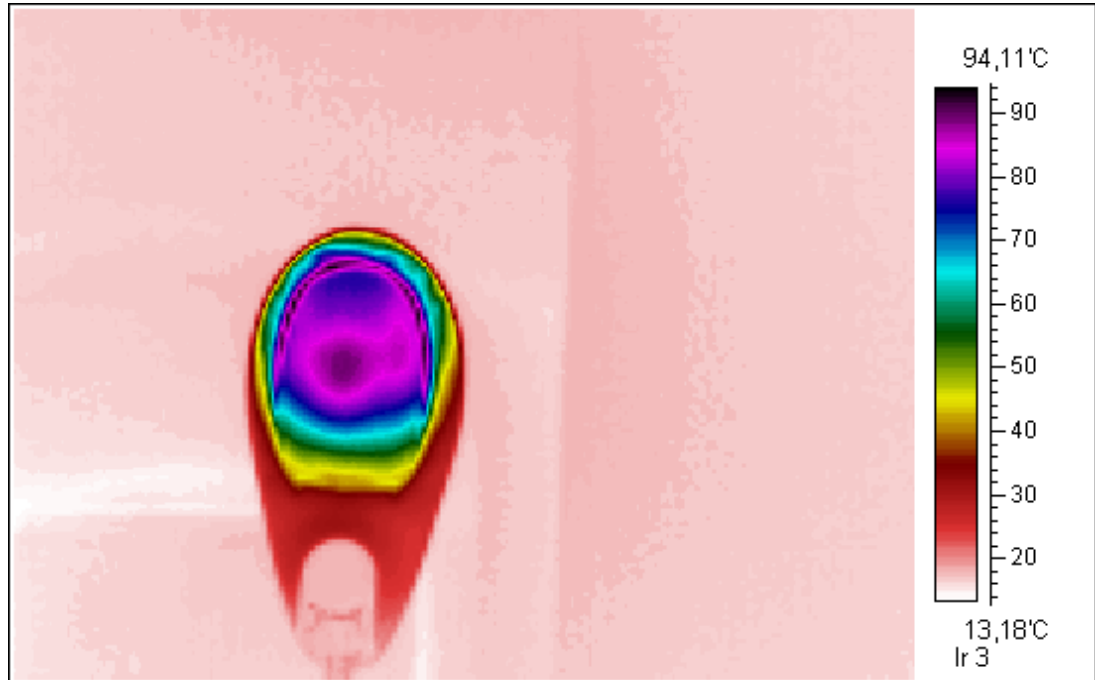
## Spectrul luminos la lampile cu vapori de Na sub presiune de tip NAV (Osram)

## Gradul de iluminare pentru cele doua surse

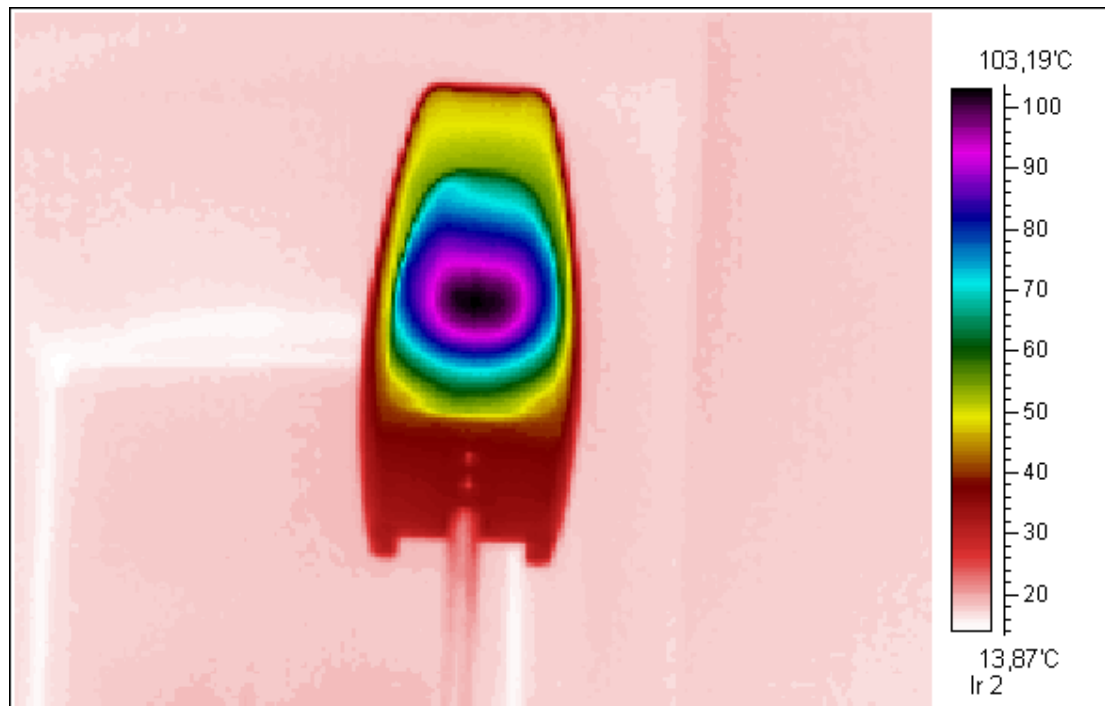


## Consumul energetic pentru cele doua surse





**Analiza termografica dupa 3:00h de fct. - CITADIN + Philips SON-T 250W**



**Analiza termografica dupa 3 h AMBAR3 + OSRAM NAV-T 250W**  
**Tmax=103,33 Grd.; Tamb=19,2 Grd.; Umid=56,2%**

| <b>Nr. crt.</b> | <b>Tip lampa XYZ</b>                                | <b>Putere [W]</b> | <b>Flux luminous [lm]</b> | <b>Eficacitate luminoasa [lm/W]</b> | <b>Durata de functionare [h]</b> | <b>Pretul lampii [Euro]</b> | <b>Costuri */1000h de functionare</b> |
|-----------------|---|-------------------|---------------------------|-------------------------------------|----------------------------------|-----------------------------|---------------------------------------|
| <b>1</b>        | SON-T Pro 250W<br><i>Vapori Na</i>                  | 250 W             | 33.200                    | 132,8                               | 30.000                           | 50,26                       | 26,68                                 |
| <b>2</b>        | Master<br>SON-T Pia Plus<br>70W<br><i>Vapori Na</i> | 70 W              | 6.600                     | 94,3                                | 20.000                           | 42,55                       | 9,13                                  |
| <b>3</b>        | Master PL-L 36W<br><i>Halogenuri met.</i>           | 36 W              | 2.900                     | 80,6                                | 20.000                           | 28,15                       | 5,01                                  |

**Tabel comparativ cu lampi ofertate ptr. SIP Alba Tip XY**

**NOTA: la un pret al energiei electrice de 10 Ecent/1 kWh.**