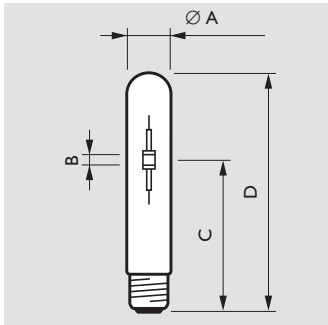




70W



150W

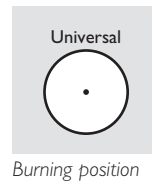


Dimensions in mm

Type	A max.	B nom.	C nom.	D max.
CDM-TT 70W	32	7	102	156
CDM-TT 150W	47	9	132	211

CDM-TT/830 lamps are high-intensity discharge lamps in which a CDM discharge tube is placed in a SON lamp outer bulb. The result is a robust lamp with pleasant white light, with a stable colour over lifetime and with an excellent colour rendering (colour temperature 3000K, CRI >80). The lamps are ideal for outdoor lighting in residential areas and for city beautification.

The lamps are available in 70W and 150W with a clear tubular outer bulb. The 70W has a standard E27 screw base and the 150W a standard E40 screw base. The lamps employ a SON ballast and a SON ignitor in accordance with IEC Standards for SON. This means that the CDM-TT is electrical retrofit in SON installations (in accordance with IEC standards).



Burning position

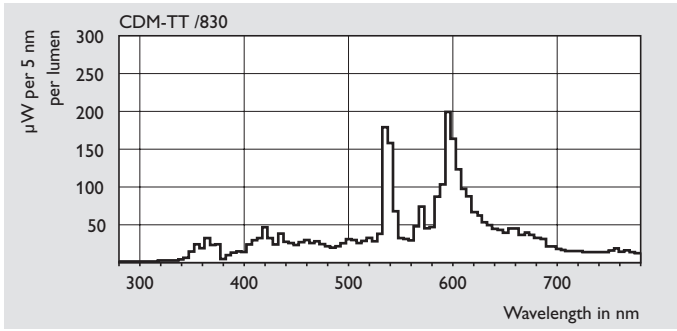
Applications

- Road lighting
- residential areas
- city centres
- shopping centres
- pedestrian areas
- City beautification
- decorative lighting
- floodlighting

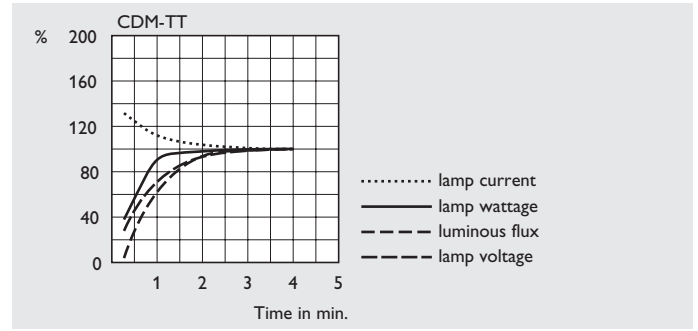
Points for special attention

- CDM-TT lamps have to be used in closed luminaires.
- They have to be used with a SON ballast and SON ignitor in accordance with SON IEC Standards. This means for the 70W that the ignition pulse must be between 1.8kV and 2.5kV.
- For optimum lamp performance the mains voltage may deviate +6/-8% from the voltage indicated on the type plate.
- Warm restart time can be up to 15 minutes. If the lamp does not start (e.g. with T5 ignitors) the installation has to be switched off for 15 minutes.
- Because of the negative effects of dimming on the lamp performance (lumen maintenance, colour and life), CDM-TT lamps are not recommended for dimming.

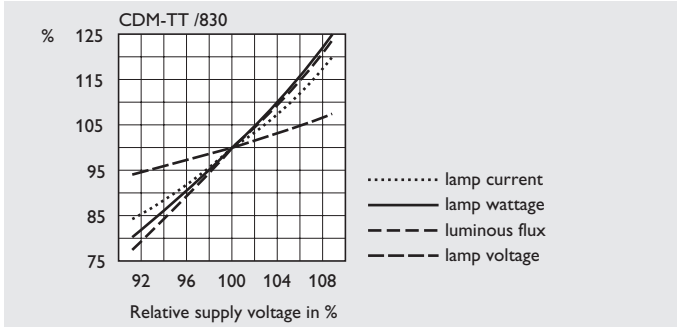
Type	Cap/ base	Colour rendering index Ra8	Lumen output lm	Lamp wattage W	Lamp voltage V	Lamp current A	Minimum ignition supply voltage V	Efficacy lamp lm/W	Correlated colour temperature T _c K	Chromaticity coordinate x	Chromaticity coordinate y	Nett weight g	Ordering number
CDM-T													
CDM-TT 70W /830	E27	83	6300	72	90	1.0	198	88	3000	430	400	52	9280 863 09200
CDM-TT 150W /830	E40	85	13500	148	100	1.8	198	95	3000	440	400	155	9280 864 09200



Spectral power distribution



Lamp performance during run-up



Effects of mains voltage variations