

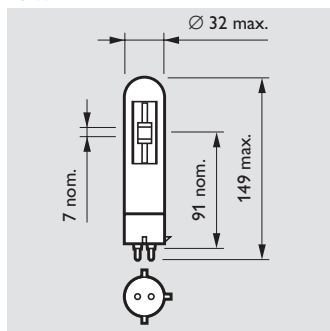
H.I.D. lamps

MASTERcolour CDM-TP

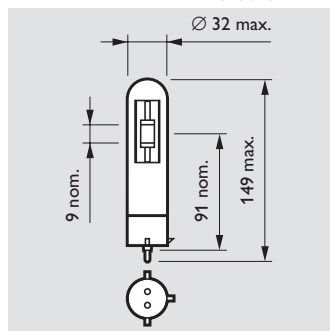


70 W

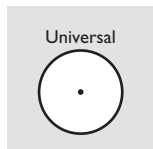
Dimensions in mm



CDM-TP 70 W PG 12-2



CDM-TP 150 W PGX 12-2



Burning position

CDM-TP are protected (TP = Tubular Protected) discharge lamps with a stable colour over lifetime, a sparkling light, two colour temperatures (3000 K and 4200 K) and an excellent colour rendering of > 90. High beam intensities can be created thanks to the small axially mounted discharge tube. Low operating costs result from the high lamp efficacy, combined with long lamp life compared to incandescent and halogen lamps. The lamps feature double UV-block quartz sleeves and a hard glass outer bulb. This triple protection allows the use in open fixtures (no glass cover). Personal comfort is increased thanks to the low heat output. CDM-TP lamps have to be used in combination with a ballast and an ignitor. A high current protection device is mandatory

(IEC 61167). For constant voltage deviations of more than 3 % of the rated voltage, another ballast rating/tap must be used. Electronic gear, like the Philips MHC/EMC, can also be used, especially to eliminate visible flicker. Burning position: universal.

Note
LAMPS HAVE UV-BLOCK FILTERING FOR REDUCED FADING RISKS.

CDM-TP IS THE SUCCESSOR OF MHN-T.

- Applications**
- Shops and shop windows.
 - Offices and public buildings.
 - Decorative outdoor: floodlighting and pedestrian areas.

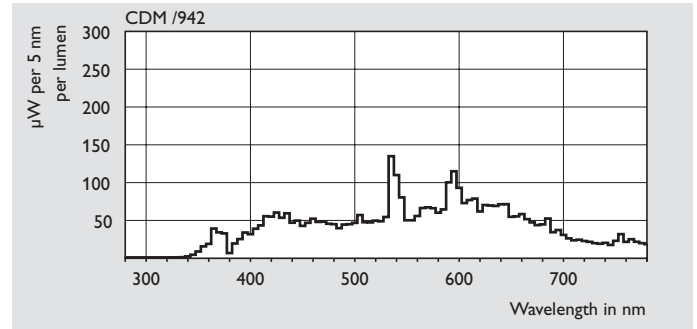
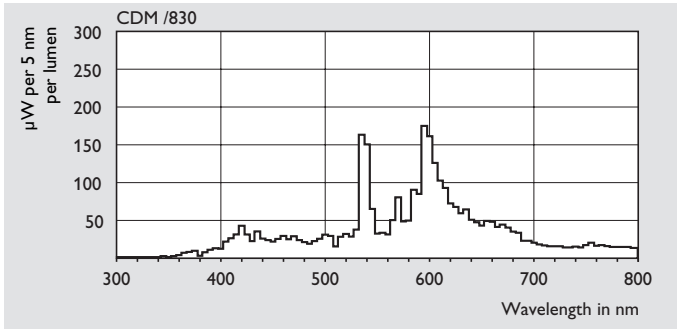
Commercial name	Type	Cap/base	Colour rendering index	Lumen output	Lamp wattage	Lamp voltage	Lamp current	Max. lamp current	Minimum ignition supply voltage	Efficacy lamp	System power FeCu	System power LF electronic
			R _a 8	lm	W	V	A	A	V	lm/W	W	W
MASTERcolour CDM-TP	CDM-TP 70W /830	PG 12-2	81	6000	73	90	0.98	1.4	198	82	88	83
MASTERcolour CDM-TP	CDM-TP 150W /830	PGX 12-2	85	13000	149	98	1.8	2.5	198	87	165	170
MASTERcolour CDM-TP	CDM-TP 70W /942	PG 12-2	90	5800	74	90	0.98	1.4	198	78	88	83
MASTERcolour CDM-TP	CDM-TP 150W /942	PGX 12-2	95	12000	148	96	1.8	2.5	198	81	165	170

Commercial name	Type	Correlated colour temperature T _c K	Chromaticity coordinate	Chromaticity coordinate	Maximum permissible base/pinch temperature °C	Maximum permissible bulb temperature °C	Nett weight	Iicos code	EOC
			x	y	°C	°C	g		
MASTERcolour CDM-TP	CDM-TP 70W /830	3000	427	396	210	400	73	MT-70/301B-H-PG12-2	201270
MASTERcolour CDM-TP	CDM-TP 150W /830	3000	438	402	240	480	77	MT-150/301B-H-PGX12-2	201256
MASTERcolour CDM-TP	CDM-TP 70W /942	4200	370	370	210	400	73	MT-70/42/1A-H-PG12-2	201133
MASTERcolour CDM-TP	CDM-TP 150W /942	4200	371	370	240	480	77	MT-150/42/1A-H-PGX12-2	201119

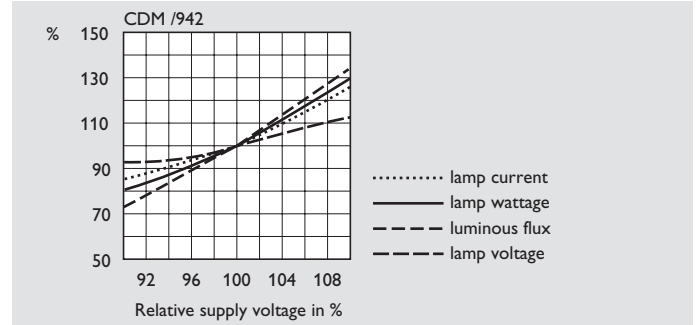
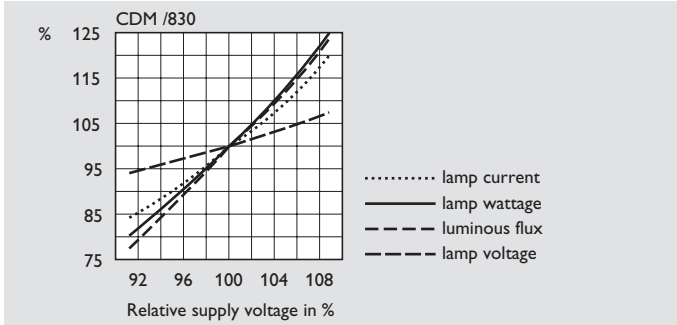


H.I.D. lamps

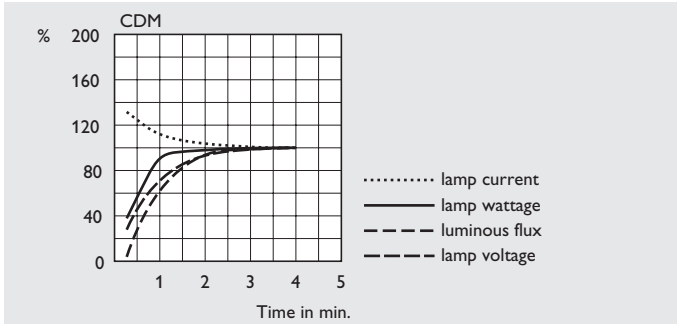
MASTERcolour CDM-TP



Spectral power distributions



Effects of mains voltage variations



Lamp performance during run-up