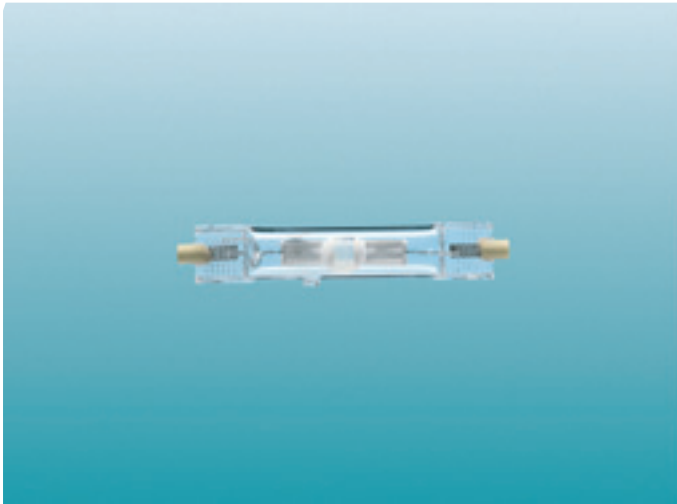


H.I.D. lamps

MHN(W)-TD Pro Low-wattage metal hide



MHN-TD/MHW-TD RX7S



MHN-TD FC2

Low-wattage metal halide lamps with a quartz discharge tube containing high-pressure mercury and a mixture of dysprosium, holmium and thulium halides (MHN-T and MHN-TD) or tin iodide (MHW-TD), with sodium and thallium added for colour correction and arc stabilisation. They require an ignitor and a ballast, which influence the lamp performance.

MHN-TD and MHW-TD lamps are double-ended and housed in a tubular clear UV-block quartz evacuated outer envelope. In the luminaire a hard glass cover is obliged, which serves to avoid injury or damage as a consequence of possible discharge tube shattering. MHN-TD and MHW-TD lamps have a horizontal burning position, with a tolerance of +/- 45 degrees.

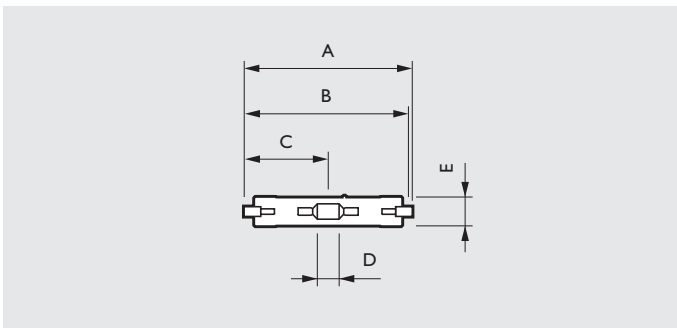
Note

ALL LAMPS IN UV-BLOCK FOR REDUCED HEALTH/FADING RISK.

THE CDM-TP /942 IS THE SUCCESSOR OF MHN-T.

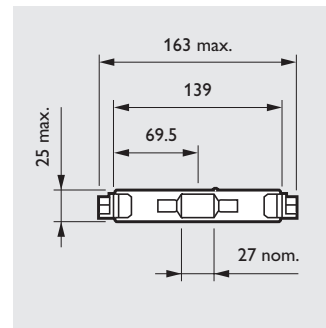
Applications

- Indoors - accent and general lighting in downlighters.
- Outdoors - floodlighting monuments, facades and billboards.



Dimensions in mm

Type	A max.	B nom.	C nom.	D nom.	E max.
Cap/base RX7s					
MHN-TD/MHW-TD 70W	117.6	114.2	57.1	7.0	21.0
MHN-TD/MHW-TD 150W	135.4	132.0	66.0	18.0	24.0



MHN-TD 250W FC2

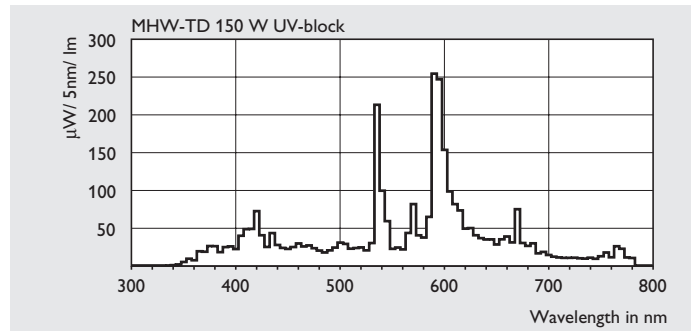
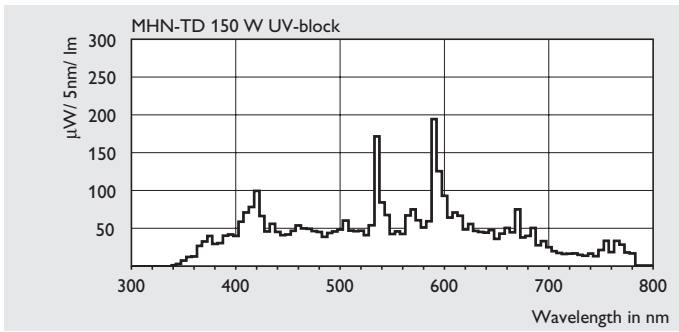


Burning position

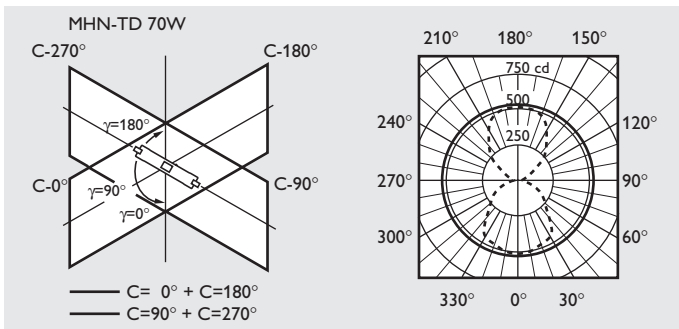
Commercial name	Type	Wattage W	Cap/ base RX7s	Lamp wattage W	Lamp voltage V	Correlated colour temp. K	Lumen output lm	Colour rendering index	Lamp current A	Maximum permissible base/pinch temp. degr.C	Maximum permissible bulb temp. degr.C	Chrom. coord. x	Chrom. coord. y	Nett weight g	EOC
MHN-TD															
MHN-TD Pro	MHN-TD	70	RX7S	75	90	4200	5700	80	1.0	280	500	370	370	22	202093
MHN-TD Pro	MHN-TD	150	RX7S	150	98	4200	12900	85	1.8	280	650	370	370	30	202116
MHN-TD Pro	MHN-TD	250	FC2	252	100	4200	20000	85	3.0	280	650	370	370	61	734006
MHW-TD															
MHW-TD Pro	MHW-TD	70	RX7S	75	90	3000	6200	75	1.0	280	500	434	400	22	562685
MHW-TD Pro	MHW-TD	150	RX7S	150	96	3000	13800	75	1.8	280	650	434	400	30	193506

H.I.D. lamps

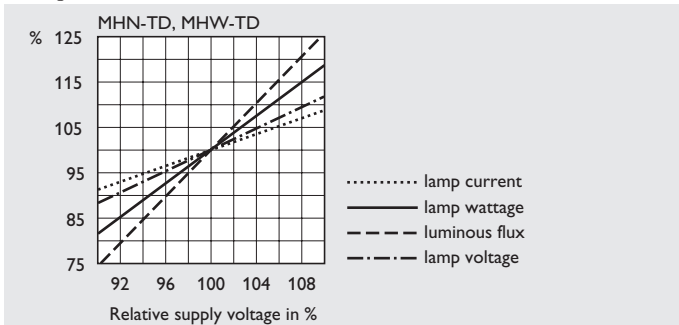
MHN(W)-TD Pro Low-wattage metal hide



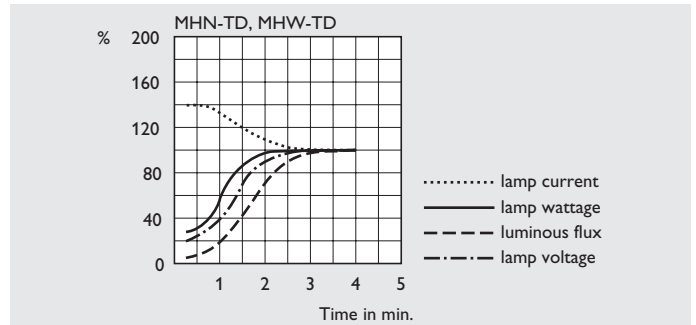
Spectral power distributions



Polar light distribution



Effects of mains voltage variations



Lamp performance during run-up