

HORTURION MH

High-pressure discharge lamps for professional horticulture lighting.
Various base designs (E40, K12x30S), voltages (230V / 400V) and power levels (250 - 1 000 W)



Version 210629

HORTURION MH E40

* Metal halide lamps
* Single ended

* Optimised spectral distribution
for healthy plant growth

* High efficiency (PAR value)
* High PAR value stability for the entire service life

* Good to very good colour rendering
* Only for enclosed fixtures

Article no.	Designation	Base	Ø [mm]	Length [mm]	LCL [mm]	Burning position	Ignition voltage [kV]	Lamp current [A]	Nominal lamp power [W]	Rated lamp power [W]	PAR [µmol/s]	Mercury content [mg]	Colour temperature [K]	Colour temperature [descr.]	Colour rendering index Ra / Colour rendering level	Nominal service life [h]
107224	MH 250W 230V E40	E40	47,0	225,0	150,0	u360	4,0	3,0	250	250	320	24,5	4 200	neutral white	Ra80-89/1B	8 000
107227	MH 400W 230V E40	E40	47,0	275,0	175,0	u360	4,0	4,0	400	400	520	36,0	4 200	neutral white	Ra70-79/2A	8 000
107233	MH 600W 230V E40	E40	76,0	340,0	220,0	u360	4,0	5,7	600	600	725	34,0	4 200	neutral white	Ra80-89/1B	8 000

HORTURION MH K12x30S

* Metal halide lamps
* Double ended

* Optimised spectral distribution
for healthy plant growth

* High efficiency (PAR value)
* High PAR value stability for the entire service life

* Good to very good colour rendering
* Suitable for open fixtures

Article no.	Designation	Base	Ø [mm]	Length [mm]	LCL [mm]	Burning position	Ignition voltage [kV]	Lamp current [A]	Nominal lamp power [W]	Rated lamp power [W]	PAR [µmol/s]	Mercury content [mg]	Colour temperature [K]	Colour temperature [descr.]	Colour rendering index Ra / Colour rendering level	Nominal service life [h]
107290	MH 600W DE EL 3.8K	K12x30S	34.0	323.0	n.a.	p4	3.2	3.4	600	600.0	1 000	60,0	3 800	neutral white	RA70-79/2A	6 000
107291	MH 750W DE EL 3.8K	K12x30S	34.0	323.0	n.a.	p4	3.2	3.6	750	750.0	1 200	60,0	3 800	neutral white	RA60-69/2B	6 000
107292	MH 1000W DE EL 3.8K	K12x30S	34.0	323.0	n.a.	p4	3.2	4.8	1 000	1 000	1 720	100,0	3 800	neutral white	RA70-79/2A	6 000
107293	MH 600W DE EL 5.5K	K12x30S	34.0	323.0	n.a.	p4	3.2	3.4	600	600.0	1 040	60,0	5 500	daylight white	Ra80-89/1B	6 000
107294	MH 750W DE EL 5.5K	K12x30S	34.0	323.0	n.a.	p4	3.2	3.6	750	750.0	1 250	60,0	5 500	daylight white	Ra80-89/1B	6 000
107241	MH 1000W DE EL 5.5K	K12x30S	34.0	323.0	n.a.	p4	3.2	4.8	1 000	1 000	1 800	55,0	5 500	daylight white	Ra>90/1A	6 000