

HORTURION HPS

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 HPS K12x30S

* High-pressure sodium lamps
* Double ended

* Optimised spectral distribution
for healthy plant growth

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

* Very long service life
* Long maintenance intervals

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]
103399	HPS 600W DE EL	K12x30S	30,0	323,0	n.a.	p4	3,2	3,2	600	600,0	1 150	36,0	n.a.	n.a.	n.a.	10 000
103415	HPS 750W DE EL	K12x30S	30,0	323,0	n.a.	p4	3,2	3,6	750	750,0	1 450	32,0	n.a.	n.a.	n.a.	10 000
103403	HPS 1000W DE EL 2.2	K12x30S	30,0	323,0	n.a.	p4	3,2	4,8	1 000	1 000,0	2 100	42,5	n.a.	n.a.	n.a.	10 000
107990	HPS 1000W DE EL supra	K12x30S	30,0	323,0	n.a.	p4	3,2	4,4	1 000	1 000,0	2 140	42,5	n.a.	n.a.	n.a.	10 000
115342	HPS 1000W DE EL supra plus	K12x30S	30,0	323,0	n.a.	p4	3,2	4,4	1 000	1 000,0	2 180	42,5	n.a.	n.a.	n.a.	10 000
112235	HPS 1150W DE EL 2.4 intense	K12x30S	30,0	323,0	n.a.	p4	3,2	5,5	1 150	1 150,0	2 400	42,5	n.a.	n.a.	n.a.	10 000

HORTURION HPS E40

* High-pressure sodium lamps
* Single ended

* Optimised spectral distribution
for healthy plant growth

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

* Very long service life
* Long maintenance intervals

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]
103379	HPS 250W 230V E40	E40	47,0	257,0	n.a.	u360	2,3	3,0	250	250,0	410	16,0	n.a.	n.a.	n.a.	12 000
103384	HPS 400W 230V E40	E40	47,0	285,0	n.a.	u360	2,3	4,6	400	400,0	675	38,0	n.a.	n.a.	n.a.	12 000
103393	HPS 600W 230V E40	E40	46,0	290,0	n.a.	u360	4,0	6,3	600	600,0	1 000	40,0	n.a.	n.a.	n.a.	12 000
103387	HPS 600W 400V E40	E40	46,0	290,0	n.a.	u360	4,0	3,8	600	600,0	1 150	36,0	n.a.	n.a.	n.a.	12 000
103396	HPS 600W 400V E40 EL*	E40	46,0	290,0	n.a.	u360	4,0	3,2	600	600,0	1 150	38,3	n.a.	n.a.	n.a.	12 000
103412	HPS 750W 400V E40 EL	E40	52,0	300,0	n.a.	p15	4,0	3,6	750	750,0	1 360	34,0	n.a.	n.a.	n.a.	12 000