

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 180711

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]	Energy efficiency class
212504	HPS 250W 230V E40	E40	47,0	257,0	n.a.	u360	2,3	3,0	250	250,0	410	12,0	n.a.	n.a.	n.a.	12 000	A+
214004	HPS 400W 230V E40	E40	47,0	285,0	n.a.	u360	2,3	4,6	400	400,0	675	40,0	n.a.	n.a.	n.a.	12 000	A++
216104	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	A++
216004	HPS 600W 400V E40	E40	46,0	290,0	n.a.	u360	4,0	3,8	600	600,0	1 150	40,0	n.a.	n.a.	n.a.	12 000	A++
216203	HPS 600W 400V E40 EL	E40	46,0	290,0	n.a.	u360	4,0	3,2	600	600,0	1 100	40,0	n.a.	n.a.	n.a.	10 000	A++
216204	HPS 600W 400V E40 EL*	E40	46,0	290,0	n.a.	u360	4,0	3,2	600	600,0	1 150	40,0	n.a.	n.a.	n.a.	12 000	A++
217504	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	A+

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]	Energy efficiency class
216210	HPS 600W DE EL	K12x30S	30,0	323,0	n.a.	p4	3,2	3,2	600	600,0	1 150	32,0	n.a.	n.a.	n.a.	10 000	A++
217510	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	A++
216310	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	32,0	n.a.	n.a.	n.a.	10 000	A++