

Horti 2 LN



Horti 2 LN is a linear luminaire dedicated to illuminating Cannabis crops. The use of an aluminum housing makes the lamp's design durable and very good at dissipating heat. A single luminaire and a set of 4 are available. The Horti 2 LN lighting uses a patented pulsed plant illumination system that is unique on a global scale. Horti 2 was created with individual users' needs in mind, so you can choose a luminaire with different power outputs depending on your preferences. Available variants: 200 W, 160 W, 120 W, 80 W.

Each luminaire has an individual control system. In addition, with larger crops in mind, we designed a group control system. In addition the controller has a function for individual power adjustment - 10 levels each level allows power reduction / dimming by 10%.

VARIANTS AVAILABLE

MODEL	POWER	PPF	PROTECTION CLASS	IP	IK	AVERAGE POWER	APPLICATION
Horti 2 LN CB	200 W / 20 W	378 $\mu\text{mol} / \text{s}$	I	65	06	100 W	Cannabis crops
Horti 2 LNx4 CB	800 W / 80 W	1512 $\mu\text{mol} / \text{s}$	I	65	06	400 W	Cannabis crops

TECHNICAL PARAMETERS

Power supply: 230 V AC / 50-60Hz

Ambient temperature range: +5°C... +40°C

Lifetime L90B50: above 85 000 h

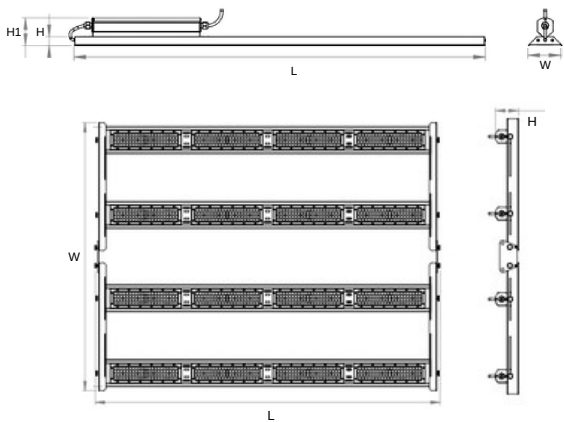
Power factor: >0,94 (full power)

Installation: suspended

Housing: aluminium, PC

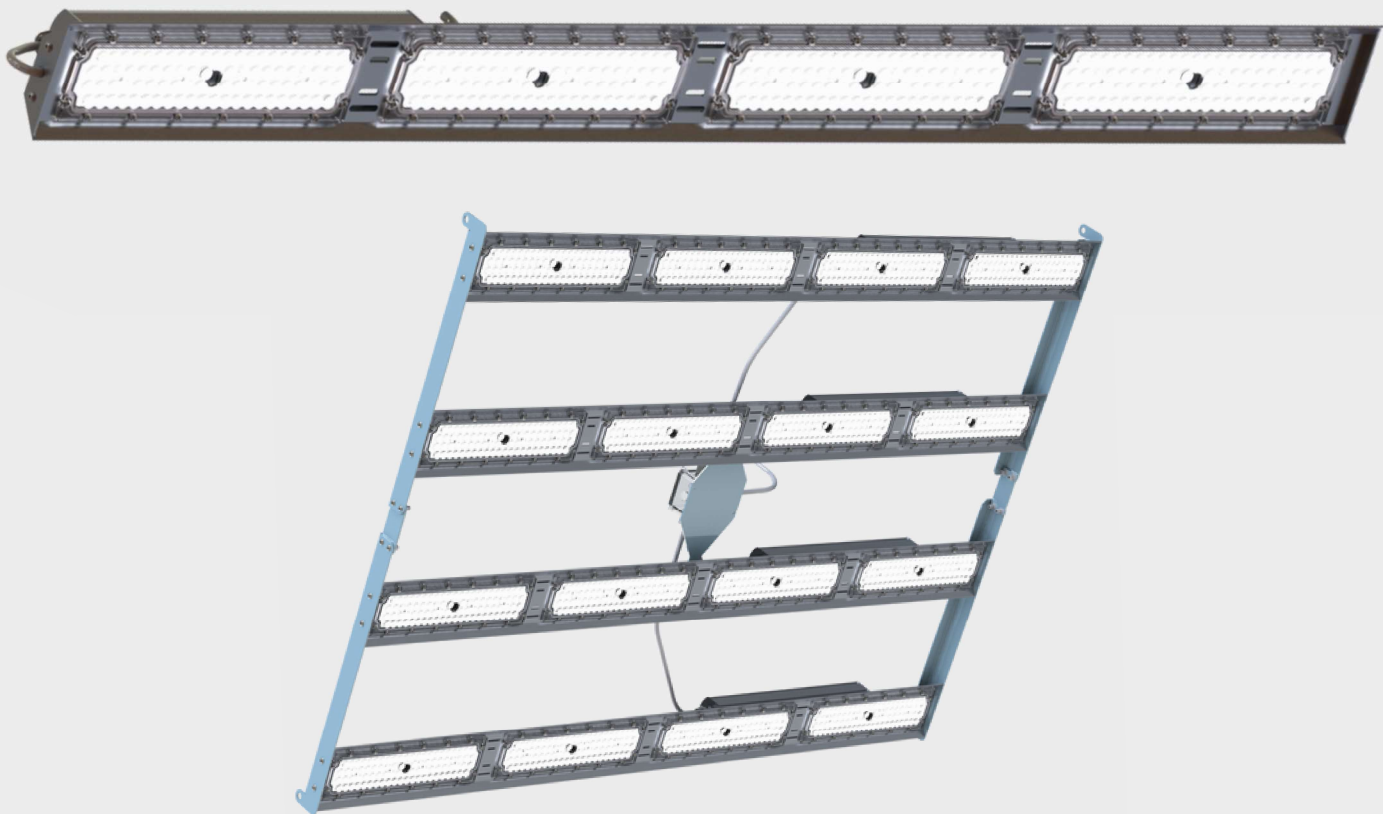
Cooling system: passive

Warranty: 5 years



Name	L (mm)	W (mm)	H (mm)	H1 (mm)	Weight (kg)
Horti 2 LN	1158	93	25	78	2,25
Horti 2 LNx4	1220	943	943	79,5	9,30





Examples of lighting parameters for a single luminaire

LUMINAIRE MODEL	HEIGHT (cm) ►►	25	50	75	100	125	150	175
	PEAK POWER (W) ▼▼	PPFD (µmol / m² / s)						
Horti 2 LN luminaire (Optics O60)	200	1720	812	509	358	260	195	150
	160	1505	678	425	299	215	161,5	127
	120	1193	540	336	234	169	126	99
	80	800	361	233	164	118	89	69

