



LEAF CARRIER

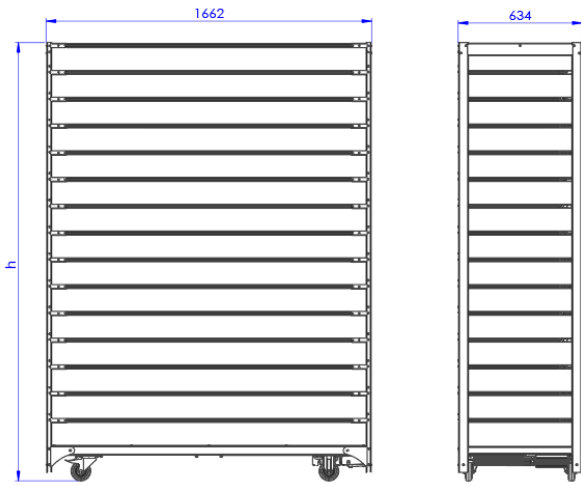
Features

Number of layers	7, 10 or 15
Layer loading capacity	15 or 30 kg
Layer thickness	9 mm (15-layer) 25 mm (7-layer and 10-layer)
Plant area per layer	0.94 m ²
Plant area per cubic meter	up to 5.9 m ²
Plant area per Leaf Carrier	up to 14.1 m ²
Spectrum	450nm (12.5%) / 640nm
Uniformity	> 85%
Voltage	90/176 – 305 VAC @ 47-63Hz
Power	up to 908W
Power factor	> 0.9
Inrush current (i ² t)	1.6 A ² s (t=3.26ms)
Inrush surge protection	4kV line-line, 6kV line-earth
Material	Galvanized steel, Aluminium
Optical area	Acrylic
Operating Temperature	0°C - 40°C (non-condensing)
IP Rating	IP43 (7-layer and 10-layer) IP21 (15-layer)
Dimensions	1662 x 634 x 2000-2270 mm
Weight	Max 250kg
Warranty	2-year return to base

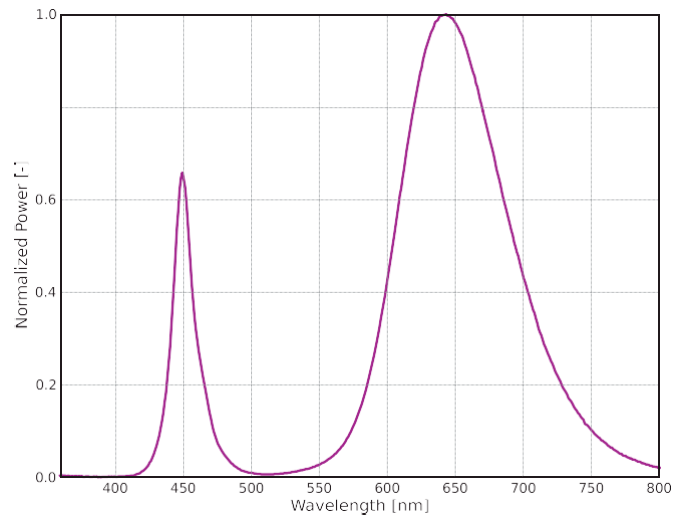
Benefits

- High light uniformity
- Very close lighting without any burn effects
- Ultra-thin light engine (9mm loss/layer)
- No heat under plant area
- Light engine is fully integrated into layer
- Carrier concept for optimal process flexibility
- Mains connector with easy and reliable twist and lock system with live breaking capacity (CBC)
- Optional smart technology:
 - Plug-and-play self-organizing wireless network
 - Intelligent μ mol dimming (per layer)
 - Switch off unused layers

DIMENSIONS



SPECTRUM



ORDERING INFORMATION

Article	Nomenclature	Wattage	PPFD* ($\mu\text{mol}/\text{m}^2/\text{s}$)	Layer to layer (mm)	Plant area (m ²)	Height (h)	Loading capacity per layer
Leaf Carrier (smart)							
17921	Leaf Carrier02, 15-layer, S2L0, 128mm (smart)	469 W	63	128 mm	14,1 m ²	2270 mm	15 kg
17922	Leaf Carrier02, 15-layer, S0L2, 128mm (smart)	908 W	145	128 mm	14,1 m ²	2270 mm	15 kg
18239	Leaf Carrier02, 10-layer, S0L2, 158mm (smart)	605 W	126	158 mm	9,4 m ²	2000 mm	30 kg
18238	Leaf Carrier02, 7-layer, S0L2, 250mm (smart)	480 W	100	250 mm	6,6 m ²	2170 mm	30 kg
Options							
16970	1 year smart technology license						

* PPFD is measured at 6cm above the layer in an empty leaf carrier