



Pic: EVO 4-120

Productdescription

Highly efficient LED plant lighting system for all indoor growing areas and greenhouse use.

The modular, slim design allows for highest power density in a wide range of applications. The sophisticated asymmetric secondary optics provide a very homogeneous light distribution over the growing area, at different distances. Best efficiency, passive cooling, IP65 protection and long lifetime allows you highest and constant yields.

Produktbeschreibung

Hocheffizientes LED-Pflanzenbelichtungssystem für alle Indoor-Anbauflächen und den Einsatz im Gewächshaus.

Die modulare, schlanke Bauweise ermöglicht höchste Leistungsdichte bei unterschiedlichsten Applikationen. Die ausgeklügelte asymmetrisch abstrahlende Sekundäroptik sorgt für eine sehr homogene Lichtverteilung über der Anbaufläche, bei unterschiedlichsten Abständen. Beste Effizienz, passive Kühlung, IP65 Schutz und lange Lebensdauer ermöglicht Ihnen höchsten und gleichbleibenden Erträge.

Electrical properties:

(elektrische Eigenschaften)

	EVO 3	EVO 4	EVO 5
typ. power consumption [W] (Typ. Leistungsaufnahme)	190	250	320
power factor (Leistungsfaktor)	> 0,95		
input voltage range [VAC] (Eingangsspannungsbereich)	100 – 240/277 50/60 Hz		
max. input current [A] (maximaler Eingangsstrom)	0,9@220Vac	1,1@220Vac	1,5@220Vac
typ. inrush current [A] (typ. Einschaltstrom)	65		

Further properties:

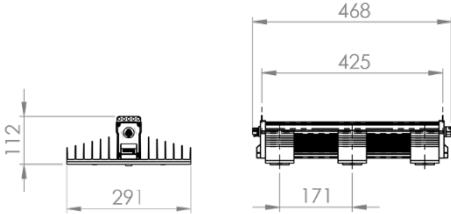
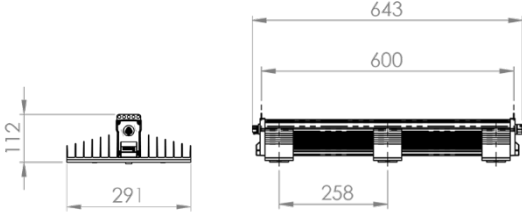
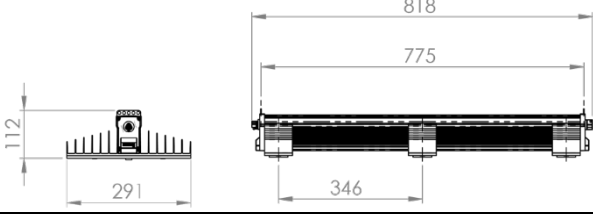
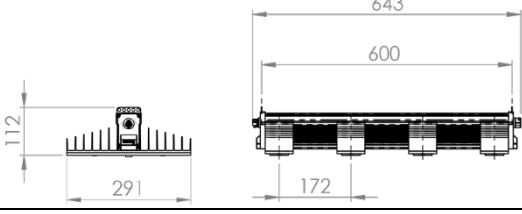
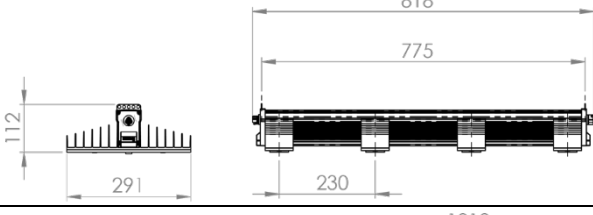
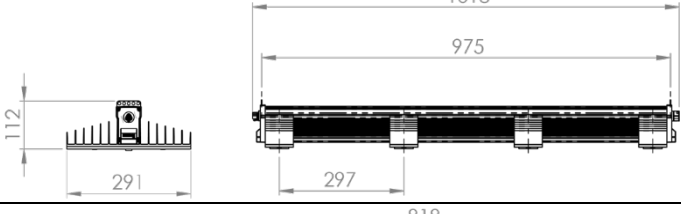
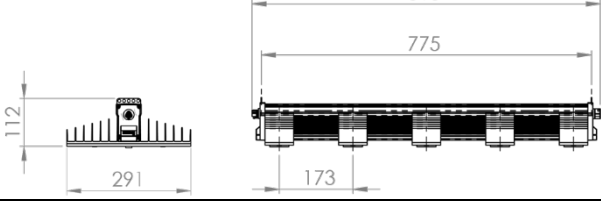
(weitere Eigenschaften)

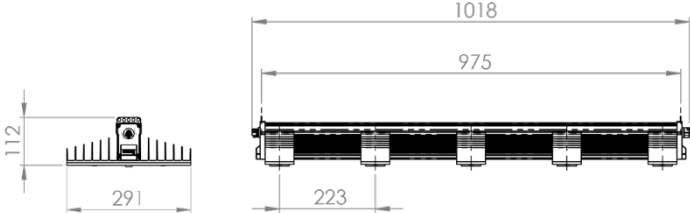
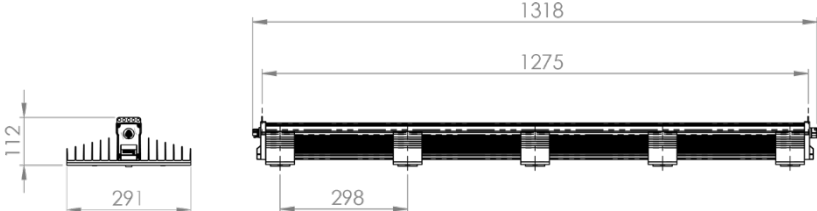
	EVO 3	EVO 4	EVO 5
weight [kg] (Gewicht)	3,5 / 3,8 / 4,1	4,5 / 4,8 / 5,1	5,6 / 5,9 / 6,4
overall length [mm] (Gesamtlänge)	468 / 643 / 818	643 / 818 / 1018	818 / 1018 / 1318
protection rating (Schutzklasse)	IP65		
ambient operating temp. [°C] (zul. Umgebungstemperatur)	5 – 35		
max. relative humidity [%] (max. relative Luftfeuchtigkeit)	99		
emission wavelength [nm] (Emissionswellenlänge)	400 – 780		
BPF* (Photonenflussdichte)	520	696	870
module efficacy* (Effizienz)	>3		
angle of radiation [°] (Abstrahlwinkel)	90-112		
warranty [years] (Garantie)	3		
LM90 [hours] (90% Lichtoutput erreicht nach)	> 90.000		

*In the emission wavelength range (im Emissionswellenlängenbereich)

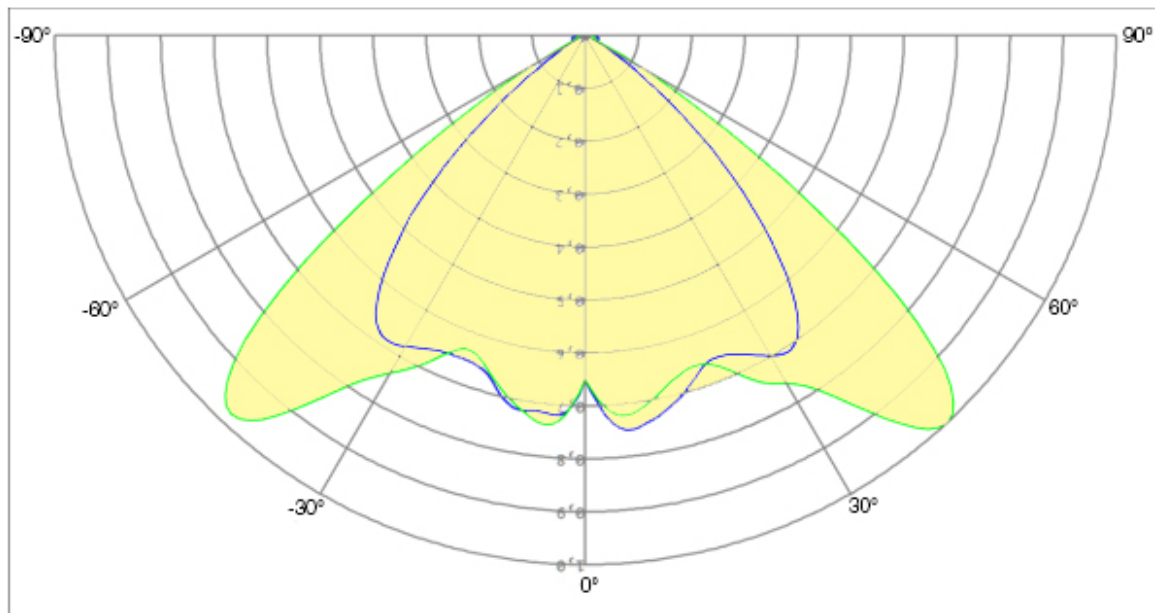
Dimensions:

(Dimensionen)

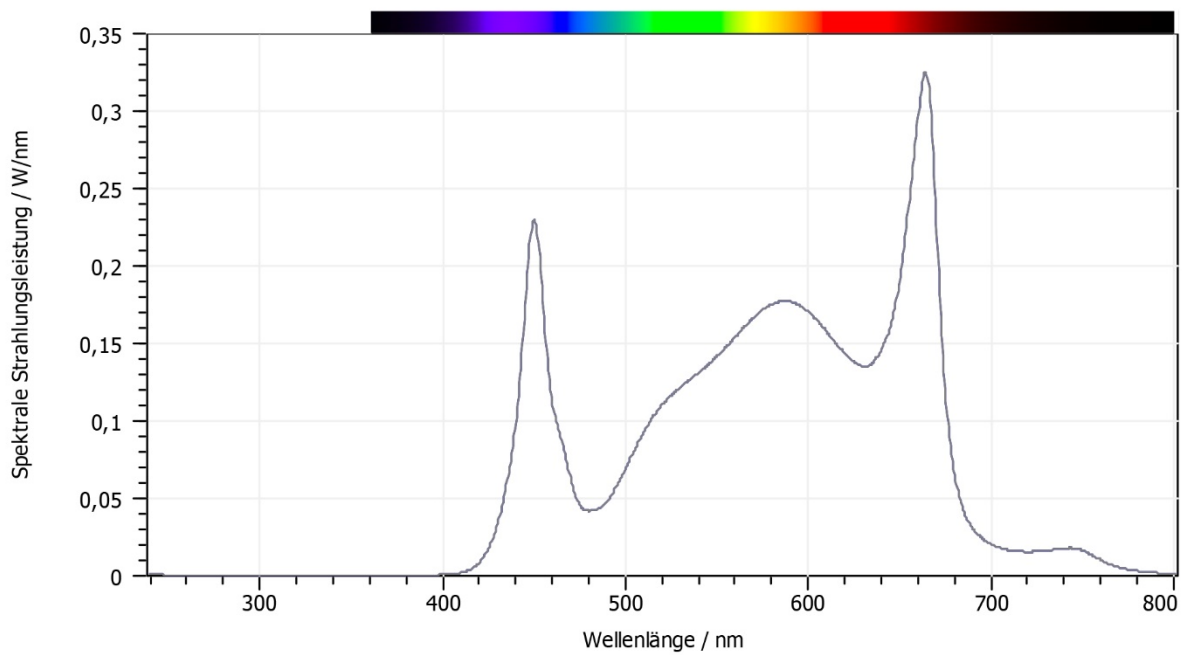
Model: (Modell)	technical drawing and dimensions: (technische Zeichnung und Dimensionen)
EVO 3-60 (Art. Nr.: AA1010)	
EVO 3-80 (Art. Nr.: AA1011)	
EVO 3-100 (Art. Nr.: AA1012)	
EVO 4-80 (Art. Nr.: AA1013)	
EVO 4-100 (Art. Nr.: AA1014)	
EVO 4-120 (Art. Nr.: AA1015)	
EVO 5-100 (Art. Nr.: AA1016)	

EVO 5-120 (Art. Nr.: AA1017)	 Technical drawing of the EVO 5-120 light fixture. The side view shows a height of 112 and a width of 291. The top view shows a total length of 1018, a mounting bracket width of 223, and a distance of 975 between the mounting points.
EVO 5-150 (Art. Nr.: AA1018)	 Technical drawing of the EVO 5-150 light fixture. The side view shows a height of 112 and a width of 291. The top view shows a total length of 1318, a mounting bracket width of 298, and a distance of 1275 between the mounting points.

Radiation Pattern: (Abstrahlcharakteristik)

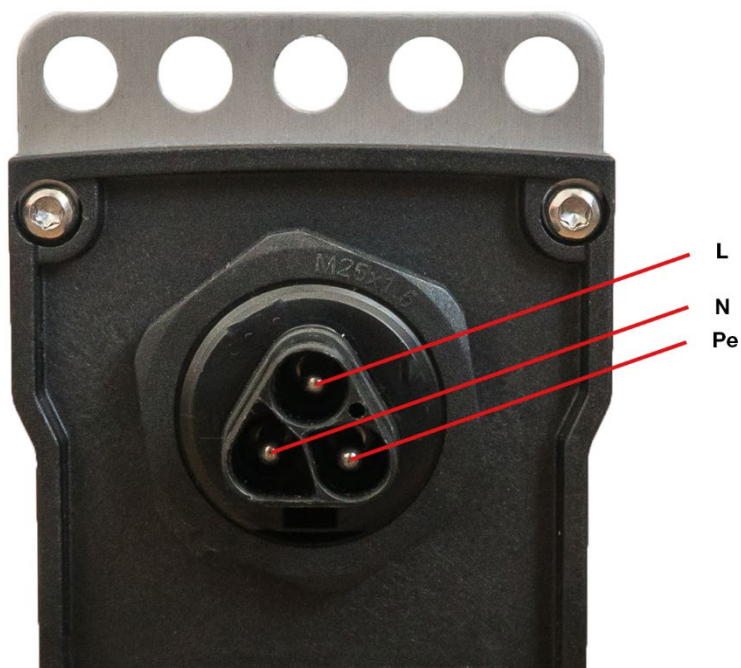


Light Spektrum: (Lichtspektrum)



AC plug pin assignment:

(AC Stecker Steckerbelegung)



Dimmer plug pin assignment:

(Dimmer Stecker Steckerbelegung)

