



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 ermöglichen Ihnen höchsten und gleichbleibenden Erträge.

Electrical Properties:

(elektrische Eigenschaften)

	EVO 3	EVO 4	EVO 5	EVO 6
Typ. Power Consumption [W] (Typ. Leistungsaufnahme)	200	265	340	400
Power Factor (Leistungsfaktor)	> 0,95			
Input Voltage Range [VAC] (Eingangsspannungsbereich)	100 – 240/277 50/60 Hz			
Max. Input Current [A] (maximaler Eingangsstrom)	0,9@230Vac	1,15@230Vac	1,5@230Vac	1,75 @230Vac
Typ. Inrush Current [A] (typ. Einschaltstrom)	65			

Further Properties:

(weitere Eigenschaften)

	EVO 3	EVO 4	EVO 5	EVO 6
Weight [kg] (Gewicht)	3,5 / 3,8 / 4,1	4,5 / 4,8 / 5,1	5,6 / 5,9 / 6,4	7 / 7,5
Overall Length [mm] (Gesamtlänge)	468 / 643 / 818	643 / 818 / 1018	818 / 1018 / 1318	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			
PPF* (Photonenflussdichte)	545	725	915	1090
Module Efficacy* (Effizienz)	>3			
Angle of Radiation [°] (Abstrahlwinkel)	90-112			
Warranty [years] (Garantie)	3			
LM90 [hours] (90% Lichtoutput erreicht nach)	> 90.000			

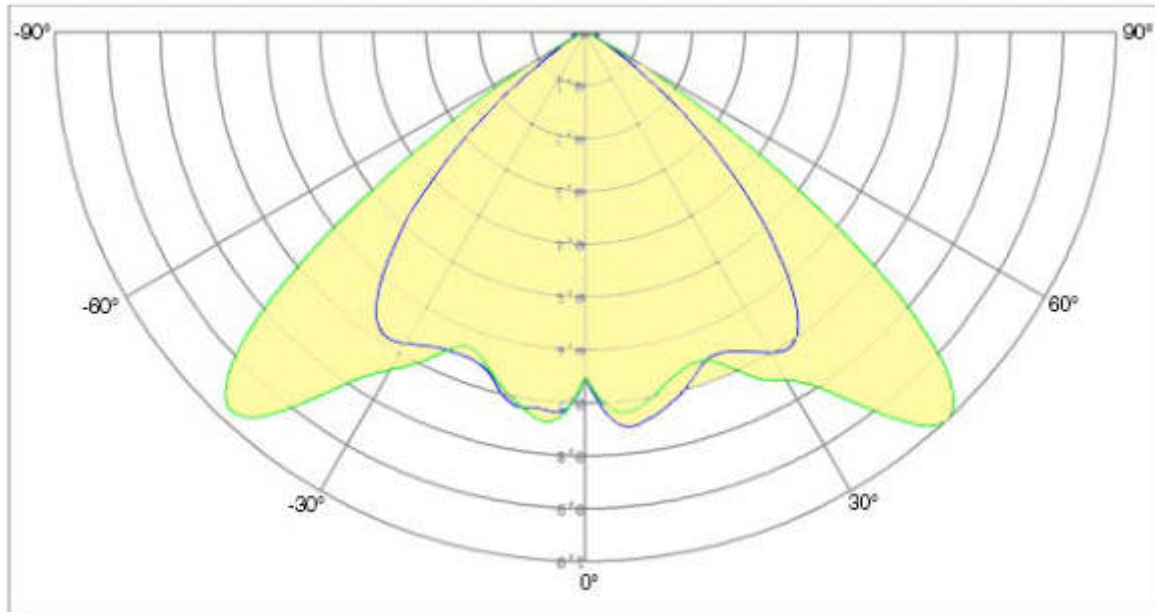
*In the emission wavelength range (im Emissionswellenlängenbereich)

Dimensions:
(Dimensionen)

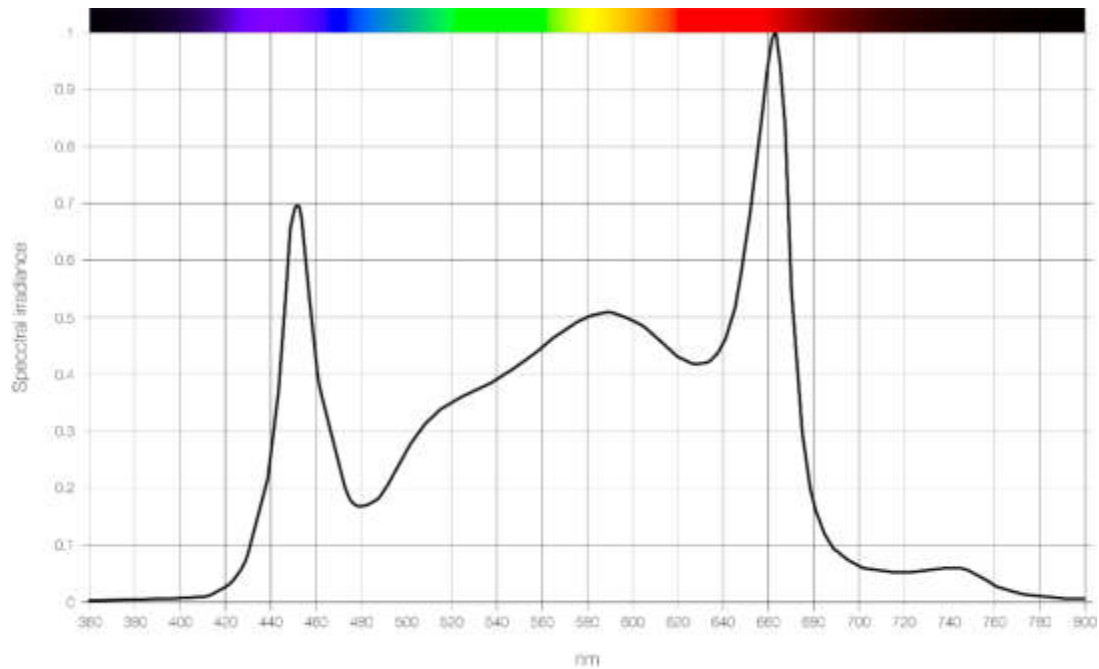
Model: (Modell)	Technical Drawing and Dimensions: (technische Zeichnung und Dimensionen)
EVO 3-60 (Art. Nr.: AA1110)	
EVO 3-80 (Art. Nr.: AA1111)	
EVO 3-100 (Art. Nr.: AA1112)	
EVO 4-80 (Art. Nr.: AA1113)	
EVO 4-100 (Art. Nr.: AA1114)	
EVO 4-120 (Art. Nr.: AA1115)	
EVO 5-100 (Art. Nr.: AA1116)	

<p>EVO 5-120 (Art. Nr.: AA1117)</p>	<p>Technical drawing of the EVO 5-120 fixture. The left view is a cross-section showing a height of 112 and a width of 291. The right view is a top view showing a total length of 1018, a length of 975 between the first and last LEDs, and a mounting hole spacing of 223.</p>
<p>EVO 5-150 (Art. Nr.: AA1118)</p>	<p>Technical drawing of the EVO 5-150 fixture. The left view is a cross-section showing a height of 112 and a width of 291. The right view is a top view showing a total length of 1318, a length of 1275 between the first and last LEDs, and a mounting hole spacing of 298.</p>
<p>EVO 6-120 (Art. Nr.: AA1119)</p>	<p>Technical drawing of the EVO 6-120 fixture. The left view is a cross-section showing a height of 112 and a width of 291. The right view is a top view showing a total length of 1018, a length of 975 between the first and last LEDs, and a mounting hole spacing of 178.</p>
<p>EVO 6-150 (Art. Nr.: AA1120)</p>	<p>Technical drawing of the EVO 6-150 fixture. The left view is a cross-section showing a height of 112 and a width of 291. The right view is a top view showing a total length of 1318, a length of 1275 between the first and last LEDs, and a mounting hole spacing of 238.</p>

Radiation Pattern: (Abstrahlcharakteristik)

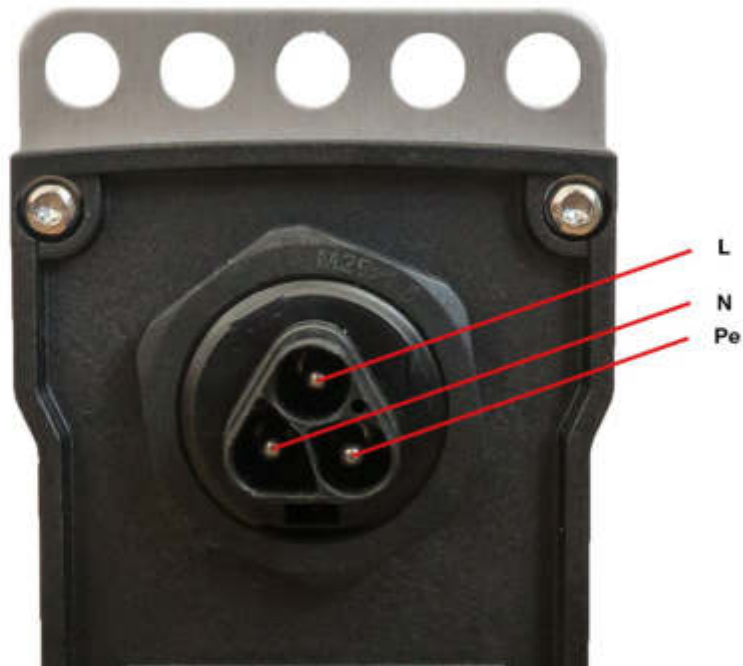


Light Spektrum: (Lichtspektrum)



AC Plug Pin Assignment:

(AC Stecker Steckerbelegung)



Dimmer Plug Pin Assignment:

(Dimmer Stecker Steckerbelegung)

