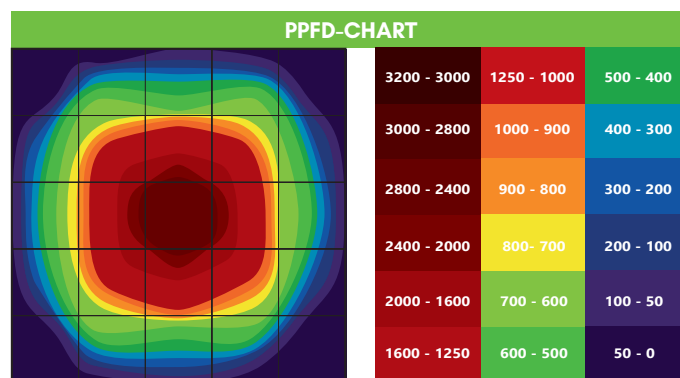
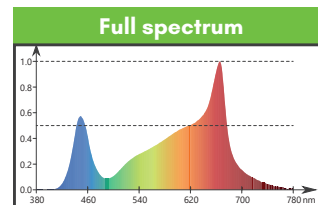
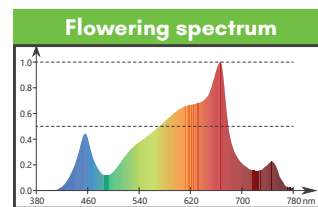
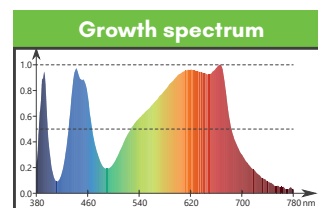
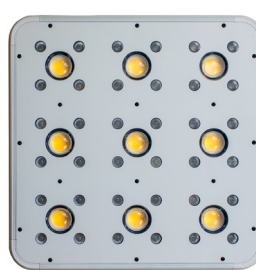
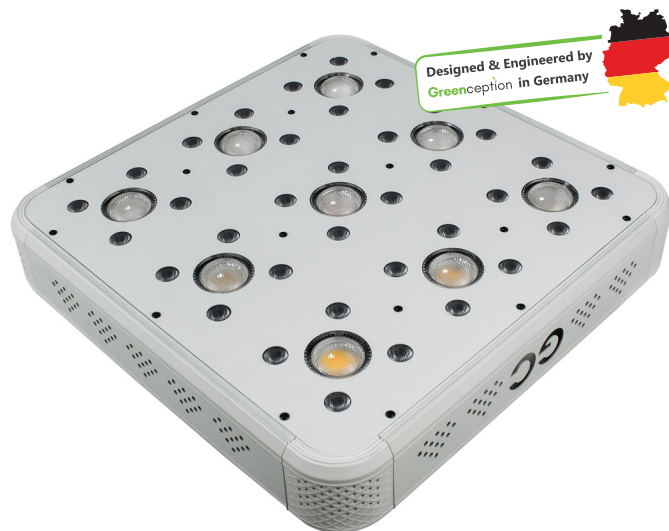


Greenception LED GC 9

The GC 9 was designed as a 1: 1 replacement for existing sodium vapour lamps. It delivers the same crop yield whilst saving up to 40 per cent in energy. The GC 9 can be switched. The light spectrum as well as the energy consumption can be adjusted to the respective phase (full spectrum/growth/bloom).

Nine highly efficient full spectrum PAR COB chips are the key components of the lamps. This chip is supplemented by 4 x SMD chips per module. These supply additional blue, red or infrared frequencies to support the cultivation of your favourite plants during their growing and flowering phases in a particularly targeted way.

Data sheet	GC 9
Number of clusters	9
Number of switch steps	3
Power consumption	288 W
Full spectrum	128 W
Growth spectrum	32 W
Flowering spectrum	128 W
Equivalent to ND lamps	400 W NDL/HPS
Dimensions	405 x 405 x 70 mm
Weight	5.88 kg
Photons flux density (15cm)	~ 2450 $\mu\text{mol}/(\text{m}^2 \cdot \text{s})$
Photons flux density (30cm)	~ 1800 $\mu\text{mol}/(\text{m}^2 \cdot \text{s})$
Efficiency (Depending on switch step)	2.4 – 2.8 $\mu\text{mol}/\text{J}$
Start-up/ignition time	<1 Sec.
Housing colour	White
Beam angle	COB: 90°, LED: 90°
Nominal service life	40,000 hrs.
Switching cycles	> 50,000
Cable	IEC C13/C14
Voltage	220-240V ~50-60Hz
Material	<ul style="list-style-type: none"> • Coated metal • Aluminium • Hard plastic
Built-in chips	<ul style="list-style-type: none"> • 660nm red: Osram Oslon SSL • 6400 K White: CREE XP-E • UV: Nichia NVSU
(COB: Trade secret Optimised for use the cultivation of plants. Spectrum follows the McCree-curve. ca. 3,150 K, CRI = min. 85)	



Area: 100 cm x 100 cm, Height: 30 cm

