

Creating the perfect vertical cultivation lighting solution

eGrow 1



eGrow 2



eGrow 3



ENGEL EGROW — Purposefully engineered for horticulture solutions. eGrows are available in 60cm, 120cm and 150cm length. IP65 damp proof with embedded driver. The wide spectrum supports crops in all kind of different growing periods to receive adequate light for the photosynthesis. All eGrow series have a double side socket for through-wiring.

Benefits from Engel's eGrow

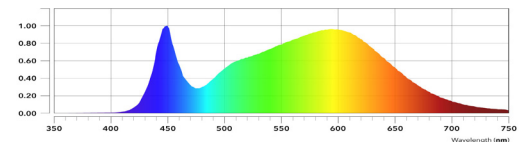
Technical Specifications

Technical Specifications	eGrow 1	eGrow 2	eGrow 3
Light Source	LED	LED	LED
Spectrum	Full spectrum	Full spectrum	Full spectrum
Input Voltage	220-240 Vac	220-240 Vac	220-240 Vac
Waterproof	IP65	IP65	IP65
Array number of fixtures	1	1	1
Array PPF	50 μ mol/s	55 μ mol/s	74 μ mol/s
Array PPFD@30 cm	80 μ mol/m ² /s	110 μ mol/m ² /s	130 μ mol/m ² /s
Array Input Power @ 277V AC	32W	28W	36W
Fixture Dimensions (L x W x H)	1250mm x 36mm x 48mm	1267mm x 53mm x 46mm	1190mm x 70mm x 69mm
Fixture Weight (with. driver)	0.41kg	0.47kg	1.03kg
Thermal Management	Passive	Passive	Passive
Operating temperature	14-113 °F(-10 -45 °C)	14-113 °F(-10 -45 °C)	14-113 °F(-10 -45 °C)
Dimming	Non Dimmable	Non Dimmable	Non Dimmable
Light Distribution	120°	120°	120°
Lifetime	L70 >36000hrs	L70 >36000hrs	L70 >36000hrs
Power Factor	> 90%	> 90%	> 90%
AC Power Cord	8.2ft (2.5m)	8.2ft (2.5m)	8.2ft (2.5m)
Certifications	CE&RoHS	CE&RoHS	CE&RoHS
Warranty	3 years	3 years	3 years

Electical Specifications

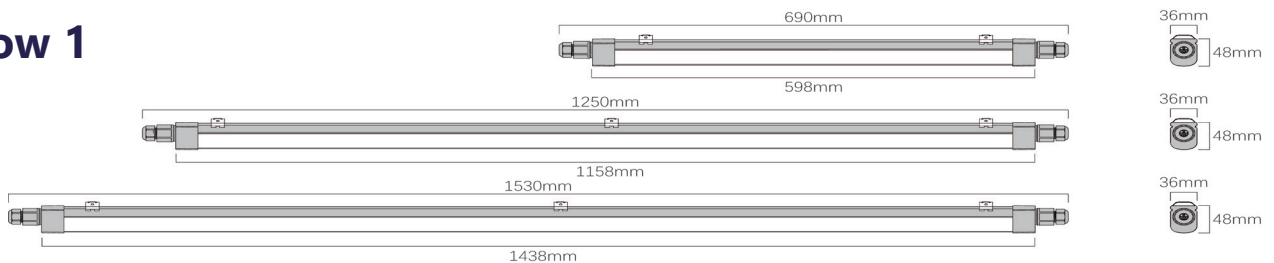
VOLTAGE	220V	230V	240V
eGrow 1	0.14A	0.14A	0.13A
eGrow 2	0.12A	0.12A	0.11A
eGrow 3	0.16A	0.16A	0.15A

Full Spectrum

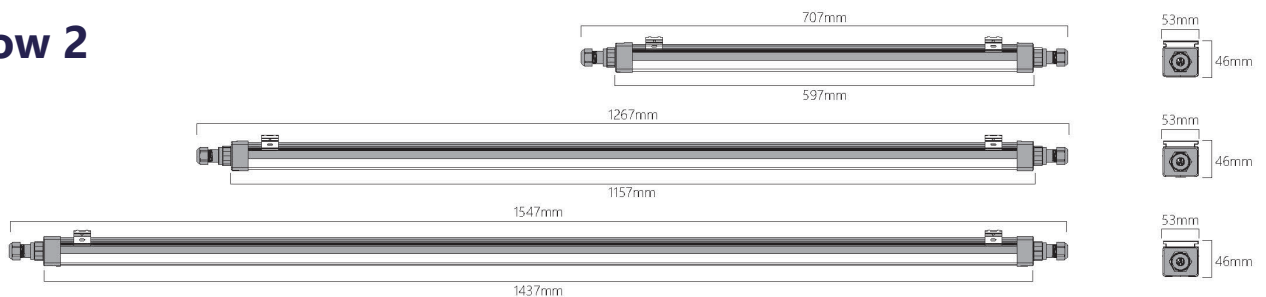


Fixture Mounting Dimensions

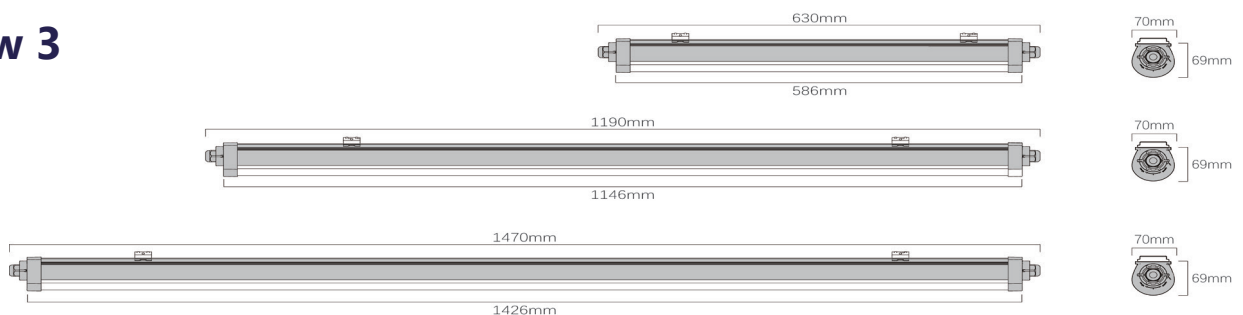
eGrow 1



eGrow 2

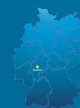


eGrow 3



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www.engel-lighting.com

Engel Lighting GmbH & Co. KG
engel@engel-lighting.com