

# PlanterCell® Grow Light 1416 / Grow Light Mini 285



1416



Mini 285

PlanterCell® Grow Lights are professional green houses designed to emit Photosynthetically Active Radiation, often abbreviated PAR, designates the spectral range (wave band) of solar radiation from 400 to 700 nanometers that photosynthetic organisms are able to use in the process of photosynthesis.

The effective grow light uses high performance LEDs that promote healthier plant growth and enhance the sustainability of plants in low lighting environment.

The bar shaped 1416 model is powerful grow light that provides long range coverage, suitable for multi-layer, inter-lighting and green house installations whilst the 285 model is suitable for typical indoor spaces with low ceiling height.

Technical Specifications	UOM	Grow Light 1416	Grow Light Mini 285
Spectrum	nm	380 to 730	380 to 730
Power			
Consumption	W	300	50
Input Voltage		AC200-240V	AC200-240V
Frequency	Hz	50/60	50/60
Supply		Meanwell	CE Driver
Efficiency	%	>90	>90
Ingress Protection Rating		IP67	IP67
Dimensions	mm	143 x 85 x 1416	143 x 85 x 285
Weight	kg	8.20	2.10
LED Type		SMD3030	SMD3030
LED Quantity	pcs	350	70
Lens		PMMA	PMMA
PPFD	μmol/0.5cm	789	190
Colour Temperature	K	3775	3775
Luminous Flux		9000LM	1750LM
Beam Angle		40°, 60°, 90°, 150x75°	40°, 60°, 90°, 150x75°
Housing Colour		White / Black	White / Black
Housing Material		Aluminium	Aluminium
Working Temperature	°C	-20 ~ +45	-20 ~ +45
Life Span	hours	>50000	>50000
Certification		CE RoHS	

