

PlanterCell® Grow Light 1416 / Mini 285



1416



Mini 285

PlanterCell® Grow Lights deliver PAR (400–700 nm) to support healthy plant growth, even in low-light conditions. High-performance LEDs ensure efficient, effective lighting.

The 1416 model provides strong, wide coverage for greenhouses and multi-layer setups, while the 285 model fits indoor areas with low ceilings.

APPLICATIONS:

- Greenhouses and multi-layer setups
- Inter-lighting
- Indoor low-ceiling spaces

BENEFITS:

- Supports healthy plant growth
- Works in low-light conditions
- Energy-efficient LEDs
- Options for wide or compact coverage

Tech Specs	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	

