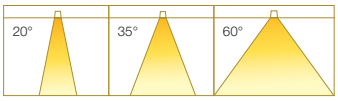
300 PRO HORTI

36W HORTICULTURE LED MODULE

AVAILABLE OPTIONS

LED MODULE



DRIVER

DIMMING

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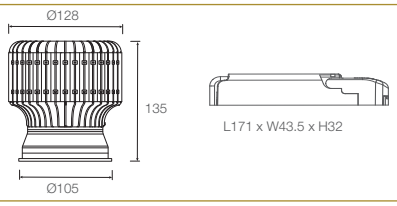
TECHNOLOGY AND FEATURES

Advanced Thermal Protection System

Low Flicker, No Risk (IEEE 1789)

Converging Optical Lens Maximising LOR

DIMENSIONS (MM)



SPECIFICATIONS

Family Type	300 Series
Typical Operating Voltage	34V
Typical Operating Current	1050 mA
LED Power	36W
System / Input Power	43W
Colour	Black
Materials	Aluminium, plastic
Lifetime	50,000 hours (80% lumen maintenance at Ta = 25°C), B10
Beam Angles	15°, 35°, 60°
Colour Temperatures	Horti spectrum
PPFD @ 1000(μmol/m²/s) lux	155.6
SDCM	2 step MacAdam ellipse binning
Ingress Protection	IP40

Weight	760g
Dimming	Non-dim, phase (leading & trailing edge), 0-10V, DALI
Mains Connection	100mm 2x0.75mm² double insulated wires
Mains Voltage	220-240V, 50Hz
Power Factor	>0.9
Fire Safety	Glow wire test 850°C, UL94V-0, VW-1
Flammability Mark	F
Safety Class	Class 2
Standards	IEC 62031, IEC 61347-2-13
Regulatory Markings	CE, CB, CCC, RCM, BIS, TIS, SIRIM-ST, RoHS

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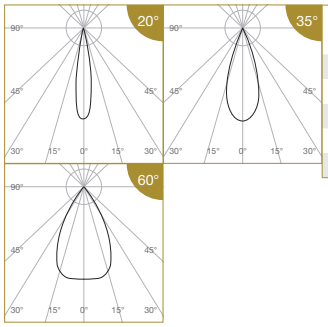

Height (m)		PPFD 15°	PPFD 35°	PPFD 60°
1	PPFD(0°)	335.33	303.72	117.54
2	PPFD(0°)	167.66	151.86	58.77
3	PPFD(0°)	83.83	75.93	29.38
4	PPFD(0°)	41.92	37.97	14.69
5	PPFD(0°)	20.96	18.98	7.35

ELR LED Module			PPF (μmol/s)		
			Horti Spectrum		
Type	LED Power	System Power	15°	35°	60°
300 Pro HT	36W	43W	90	90	90

Photosynthetic Photon Flux Density (PPFD) is the intensity of Photosynthetically Active Radiation (PAR) light. PAR are wavelengths of light within 400nm to 700nm that are critical for photosynthesis.

ORDERING MATRIX CHART

LED Module					
LED Power		Beam Angle		Colour Temp	
·_____		·_____		·_____	
ELR300P.36	36W	**15**	15°	**HT**	Horti
		35	35°		
		60	60°		

example: ELR300P.36.20.HT

Driver					
Type		Dimming		Output Power	
·_____		·_____		·_____	
MP.DRA	Modular Pro ATePS Driver	**ND**	Non-Dim	**36**	36W
		PH	Phase		
		AN	0-10V		
		DA	DALI		

example: MP.DRA.DA.36

Note: Please ensure that LED Power of LED module matches the Output Power of driver when ordering.