

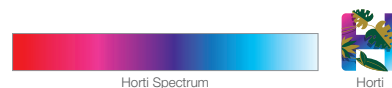
50 NEST HORTI

9.4W HORTICULTURE INTEGRATED LED MODULE



AVAILABLE OPTIONS

LED MODULE



ACCESSORIES



Adjustable Mounting
Bracket for M10 Rod
(Comfort Pro included)

DRIVER
DIMMING

(ND)



(PH)



(AN)



(DA)

TECHNOLOGY AND FEATURES

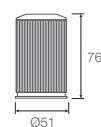


Advanced Thermal
Protection System



Converging Optical Lens
Maximising LOR

DIMENSIONS (MM)



SPECIFICATIONS

Family Type	50 NEST Series
Typical Operating Voltage	27V
Typical Operating Current	275mA
System / Input Power	9.4W
Colour	Black
Materials	Aluminium, plastic
Compatibility	Compatible with ELR size-3 fixtures or most MR16 fittings, ELR size-4 fixtures or most AR70 fittings with optional mounting brackets.
Lifetime	50,000 hours (80% lumen maintenance at Ta = 25°C), B10
Beam Angles	60°
Colour Temperatures	Horti spectrum

Ingress Protection	IP54 (LED module only)
Weight	120g
Dimming	Integrated - 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

50 NEST HORTI

	Height (m)	E _{max} (lx)		ELR LED Module				Luminous Flux (lm)
		60°		Type	LED Power	System Power	PPFD @ 1000 lux (μmol/m²/s)	Horti Spectrum
	1	E(0°)	753	50 NEST HT	7.5W	9.4W	32	60°
		Cone Ø (m)	1.10					
	2	E(0°)	188					
		Cone Ø (m)	2.20					
	3	E(0°)	84					
		Cone Ø (m)	3.30					
	4	E(0°)	47					
		Cone Ø (m)	4.40					
	5	E(0°)	30					
		Cone Ø (m)	5.50					

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						Driver	
LED Power		Beam Angle		Colour Temp		Dimming	
ELR50N.7	7.5W	60	60°	HT	Horti	ND	Non-Dim
						PH	Phase
						AN	0-10V
						DA	DALI

example: ELR50N.7.60.HT.DA

Accessories	
Type	
AMBM10	Adjustable Mounting Bracket for M10 Rod (Comfort Pro included)