

50 NEST tuneWHITE

9.4W TUNABLE WHITE INTEGRATED LED MODULE



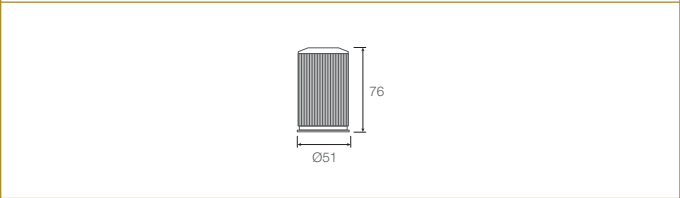
AVAILABLE OPTIONS

LED MODULE	<p>tuneWHITE</p> <p>1800K 4000K 2700K 5500K</p>
	<p>20° 35° 60°</p> <p>Dome Diffuser: Ø120 Ø80 Ø55</p>
ACCESSORIES	<p>Adjustable Mounting Bracket for M10 Rod (Comfort Pro included)</p>
DRIVER DIMMING	<p>(DT8)</p>

TECHNOLOGY AND FEATURES

<p>Advanced Thermal Protection System</p>	<p>Low Flicker, No Risk (IEEE 1789)</p>	<p>Converging Optical Lens Maximising LOR</p>
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DIMENSIONS (MM)

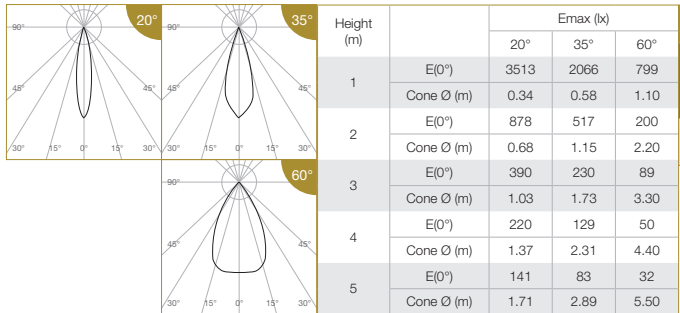


SPECIFICATIONS

Family Type	50 NEST Series
Typical Operating Voltage	34V
Typical Operating Current	220mA
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	20°, 35°, 60°
Colour Temperatures	tuneWHITE 1800K - 4000K, tuneWHITE 2700K - 5500K
CRI	ProART (CRI-95)
SDCM	2 step MacAdam ellipse binning

Ingress Protection	IP54 (LED module only)
Weight	120g
Dimming	Integrated - DALI device type 8
Mains Connection	100mm 2x0.75mm ² 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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ELR LED Module				Luminous Flux (lm)		
Type	LED Power	System Power	CRI	5500K		
				20°	35°	60°
50 NEST TW	7.5W	9.4W	ProART CRI-95	785	785	785

Data are based on maximum output at highest CCT (5500K).
 4000K will have a nominal data value of 5% lower than published.
 2700K will have a nominal data value of 10% lower than published.
 1800K will have a nominal data value of 30% lower than published.
 Nominal CRI-95, equals to Ra>90-97, R9>50

ORDERING MATRIX CHART

LED Module				Driver				
LED Power	Beam Angle	Colour Temp	CRI	Dimming				
ELR50N.7	10	10°	TW1840	tuneWHITE 1800K-4000K	PA	ProART	DT8	DALI DT8
	35	35°						
			60	60°				
	DD55	Ø55mm Dome Diffuser						
	DD80	Ø80mm Dome Diffuser						
DD120	Ø120mm Dome Diffuser							

Accessories	
Type	
AMB10	Adjustable Mounting Bracket for M10 Rod (Comfort Pro included)

example: ELR50N.7.35.TW2755.PA.DT8