LED Module

ELR®

50 NEST tuneWHITE
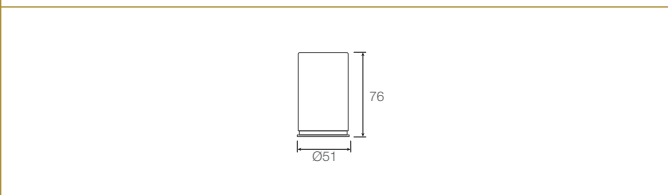## 10W TUNABLE WHITE INTEGRATED LED MODULE

NFC

AVAILABLE OPTIONS

LED MODULE				
	tuneWHITE			
	1800K — 4000K	2700K — 5500K	ProART	tuneWHITE
	20°	35°	60°	

ACCESSORIES				
	Dome Diffuser:	Ø120	Ø80	Ø55	Adjustable Mounting Bracket for M10 Rod (Comfort Pro included)

DRIVER
DIMMING

DALI DT8
DIMMABLE

(DT8)

TECHNOLOGY AND FEATURES

ATePS

Advanced Thermal
Protection System

ComfyEYE

Low Flicker,
No Risk
(IEEE 1789)

BEAM
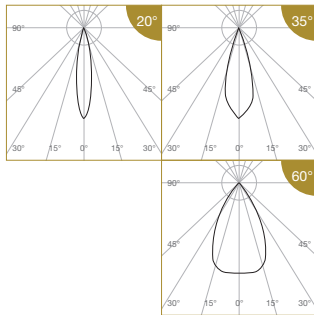
Converging Optical Lens
Maximising LOR

DIMENSIONS (MM)

76

Ø51

The information above is at nominal values accuracy of +/-7%.   For the latest specifications please refer to the website.

LED Module

ELR®

SPECIFICATIONS

Family Type	50 NEST Series
Mains Voltage	220-240V, 50Hz
Power Factor	>0.9
Colour	Black
Installation 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

Driver (Dimming)	Integrated - DALI device type 8
Mains Connection	100mm 2x0.75mm² double insulated wires
Materials	Aluminium, plastic
Fire Safety	Glow wire test 850°C, UL94V-0, VW-1
Flammability Mark	F
Ingress Protection	IP54 (module only)
Safety Class	Class 2
Standards	IEC 62031, IEC 61347-2-13
Regulatory Markings	CE, CB, CCC, RCM, BIS, TIS, SIRIM-ST, RoHS
Weight	120g

50 NEST tuneWHITE

Height (m)		Emax (lx)		
		20°	35°	60°
1	E(0°)	3513	2066	799
	Cone Ø (m)	0.34	0.58	1.10
2	E(0°)	878	517	200
	Cone Ø (m)	0.68	1.15	2.20
3	E(0°)	390	230	89
	Cone Ø (m)	1.03	1.73	3.30
4	E(0°)	220	129	50
	Cone Ø (m)	1.37	2.31	4.40
5	E(0°)	141	83	32
	Cone Ø (m)	1.71	2.89	5.50

ELR LED Module				Luminous Flux (lm)		
				5500K		
Type	LED Power	System Power	CRI	20°	35°	60°
50 NEST TW	7.5W	10W	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	7.5W	20	20°	TW1840	tuneWHITE 1800K-4000K	PA	ProART	DT8	DALI DT8
		35	35°	TW2755	tuneWHITE 2700K-5500K			
		60	60°					
		DD55	Ø55mm Dome Diffuser					
		DD80	Ø80mm Dome Diffuser					
		DD120	Ø120mm Dome Diffuser					

example: ELR50N.35.TW2755.PA.DT8

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