

50 NEST flexiK

10W FLEXIBLE WHITE INTEGRATED LED MODULE



AVAILABLE OPTIONS

LED MODULE

flexiK

1800K 5500K ProART flexiK

20° 35° 60°

ACCESSORIES

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

DRIVER DIMMING

PHASE DIMMABLE (FH) 0-10V DIMMABLE (AN) DALI DIMMABLE (DA)

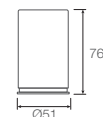
TECHNOLOGY AND FEATURES

ATEPS
Advanced Thermal Protection System

ComfyEYE
Low Flicker, No Risk (IEEE 1789)

X BEAM
Converging Optical Lens Maximising LOR

DIMENSIONS (MM)

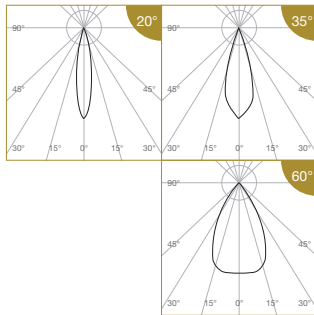


SPECIFICATIONS

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	flexiK (any CCT within 1800K - 5500K by increment of 100K)
CRI	ProART (CRI-95)
SDCM	2 step MacAdam ellipse binning

Driver (Dimming)	Integrated - phase (leading & trailing edge), 0-10V, DALI
Mains Connection	100mm 2x0.75mm ² double insulated wires
Materials	Aluminium, plastic
Fire Safety	Glow wire test 850°C, UL94V-0, WW-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 flexiK



Height (m)	E(0°)	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)		
Type	LED Power	System Power	CRI	5500K		
				20°	35°	60°
50 NEST FK	7.5W	10W	ProART CRI-95	785	785	785

Data are based on maximum output at 5000K - 5500K range.
 3500K - 5000K will have a nominal data value of 5% lower than published.
 2700K - 3500K will have a nominal data value of 10% lower than published.
 2400K - 2700K will have a nominal data value of 20% lower than published.
 1800K - 2400K 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 10W	20	20°	FK## flexiK	PA ProART	PH Phase	
		35°			AN 0-10V	
	60	60°	DD55 Dome Diffuser	DD80 Dome Diffuser	DD120 Dome Diffuser	DA DALI

denotes the first two digits of preferred CCT ranging from 1800K to 5500K by increment of 100K.

example: ELR50N.35.FK35.PA.PH

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