ELR®

50 NEST HI

9.4W HIGH INTENSITY NARROW SPOT INTEGRATED LED MODULE
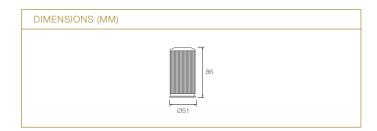
NFC

AVAILABLE OPTIONS

LED MODULE	SINGLE CCT					HE	PA	98
	2700K	3000K	3500K	4000K	5000K	HE	ProART	ProART98

10°

ACCESSORIES	
	Adjustable Mounting Bracket for M10 Rod (Comfort Pro included)

DRIVER DIMMING	DIMMABLE	PHASE DIMMABLE	0-10V DIMMABLE	DALI DIMMABLE
	(ND)	(PH)	(AN)	(DA)

TECHNOLOGY AND FEATURES

ATePS

Advanced Thermal Protection System

ComfyEYE

Low Flicker, No Risk (IEEE 1789)

BEAM

Converging Optical Lens Maximising LOR

DIMENSIONS (MM)

86

Ø51

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

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	10°
Colour Temperatures	2700K, 3000K, 3500K, 4000K, 5000K
CRI	High Efficiency (CRI~85), ProART (CRI~95), ProART98 (CRI~98)
SDCM	2 step MacAdam ellipse binning

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 HI

Height (m)		Emax (lx)
		10°
1	E(0°)	10965
	Cone Ø (m)	0.19
2	E(0°)	2741
	Cone Ø (m)	0.37
3	E(0°)	1218
	Cone Ø (m)	0.56
4	E(0°)	685
	Cone Ø (m)	0.74
5	E(0°)	439
	Cone Ø (m)	0.93

ELR LED Module				Luminous Flux (lm)
				3000K
Type	LED Power	System Power	CRI	10°
50 NEST HI	7.5W	9.4W	High Efficiency CRI~85	620
			ProART CRI~95	527
			ProART98 CRI~98	434

Data are based on 3000K (ProART CRI~95). Nominal data of 2700K and 3500K are shared with 3000K.
Higher CCT of 4000K and 5000K will have a nominal data value of 5% higher than published. (f = 1.05)
High Efficiency CRI~85 will have a nominal data value of 15% higher than published. (f = 1.17)
ProART98 CRI~98 will have a nominal data value of 18% lower than published. (f = 0.82)

Nominal CRI~85, equals to Ra>80~87, R9>0
Nominal CRI~95, equals to Ra>90~97, R9>50
Nominal CRI~98, equals to Ra>97~99, R9>93

ORDERING MATRIX CHART

LED Module								Driver	
LED Power		Beam Angle		Colour Temp		CRI		Dimming	
. _____		. _____		. _____		. _____		. _____	
ELR50N-HI.7	7.5W	10	10°	27	2700K	HE	Ra~85	ND	Non-Dim
				30	3000K	PA	ProART	PH	Phase
				35	3500K	PP	ProART98	AN	0-10V
				40	4000K			DA	DALI
				50	5000K				

example: ELR50N-HI.7.10.40.PA.PH

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

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