

# SNOOP

## OUTDOOR TREE SPIKE SERIES

A series of landscape luminaires for accent lighting applications particularly to illuminate trees and plants. Incorporating ELR's signature modular concept design, LED modules are fully interchangeable with choices to flexibly illuminate designated areas.

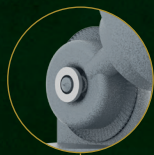
### Integral Driver



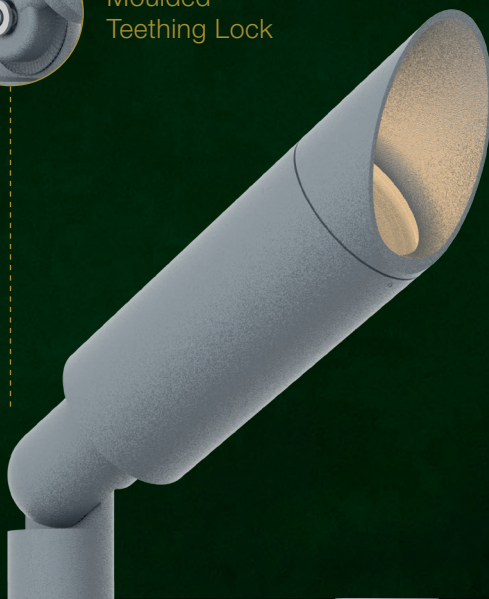
Constant Current  
**Single LED module**  
driven by a single  
LED driver



LED  
Driver



Moulded  
Teething Lock



Reduced Glare

Future proof with  
upgradeable module



Accessory options



Stabiliser

### Fixture Features



IP66 IK08



Class 2

### Module Colour Temperature Variation



ProART



ProART98



WARM DIM

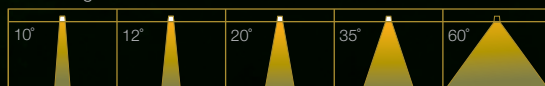


tuneWHITE



flexiK

### Beam Angle



### Driver Dimming Variation



(ND)



(PH)



(AN)

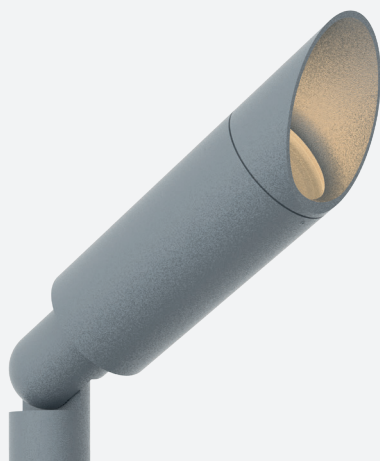


(DA)

# SNOOP 3 TREE SPIKE

**IP 66 IK08**

OUTDOOR TREE SPIKE LUMINAIRE



## TECHNOLOGY AND FEATURES



Advanced Thermal Protection System



Low Flicker, No Risk (IEEE 1789)



Converging Optical Lens Maximising LOR

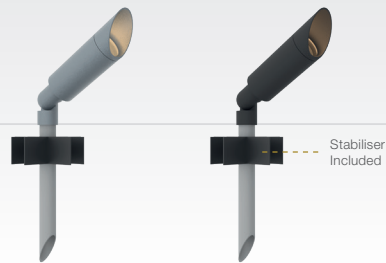
AVAILABLE OPTIONS

**FIXTURE COLOUR OPTIONS**

Trim Colour Options

MATT GREY RAL7001

MATT BLACK RAL9011



**ACCESSORIES**



Honeycomb Anti-Glare Louvre



Soft Lens

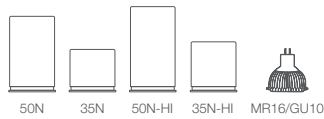


Linear Spread Lens



MR16 Holder  
GU10 Holder

**LED MODULE**



<p>SINGLE CCT</p> <p>2700K 3000K 3500K 4000K 5000K</p> <p>ProART ProART98</p>		50N / 35N	10°	20°	35°	60°
		50N-HI / 35N-HI	✓			
<p>WARM DIM</p>		50N / 35N	✓	✓	✓	✓
<p>tuneWHITE</p>		50N				
<p>flexiK</p>			✓	✓	✓	

*\*\*tuneWHITE and flexiK are recommended to be paired with Soft Lens for better colour mixing effect.*

**DRIVER DIMMING**



(ND)



(PH)



(AN)



(DA)



Class 2

# SNOOP 3 TREE SPIKE

**IP 66 IK08**

## SPECIFICATIONS

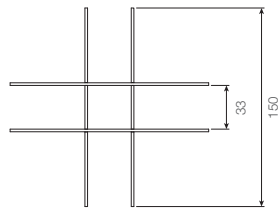
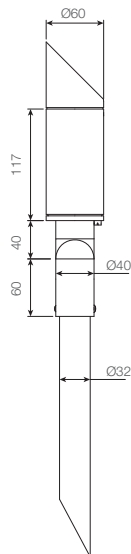
### FIXTURE

Family Type	Snoop series
Fixture Colours	Matt grey, matt black
Fixture Materials	Aluminium
Accessories	Honeycomb anti-glare louvre, soft lens, linear spread lens
Ingress Protection	IP66
Safety Class	Class 2
Power Supply Cable	Supplied with 1m cable

### LED MODULE & DRIVER

Compatible LED Modules	50 and 35 NEST series LED modules or MR16/GU10
Lifetime	Up to 50,000 hours L80 lamp life with LM80 tested LED chip packages
Beam Angles	10°, 20°, 35°, 60°
Colour Temperatures	2700K, 3000K, 3500K, 4000K, 5000K, Warm Dim, tuneWHITE, flexiK
CRI	High Efficiency (CRI~85), ProART (CRI~95), ProART98 (CRI~98)
Driver (Dimming)	Non-dim, phase (leading & trailing edge), 0-10V, DALI

## DIMENSIONS (MM)

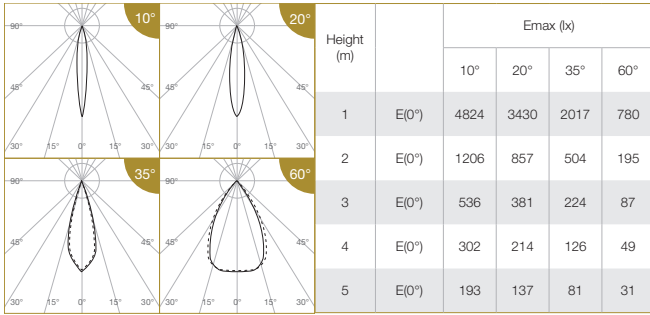


(STABILISER)

# SNOOP 3 TREE SPIKE IP 66 IK08

PHOTOMETRICS

50 NEST



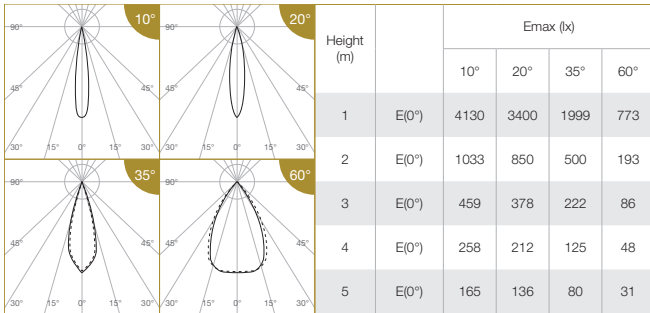
Correction Factor:  
 50N (10°) - f = 1.00  
 35N (10°) - f = 0.73  
 50N (20°, 35°, 60°) - f = 1.00  
 35N (20°, 35°, 60°) - f = 0.74

ELR LED Module				50N	35N	
LED Power				7.5W	5.5W	
System Power				10W	7.5W	
Luminous Flux (lm)	Type	Beam Angle	CRI			
			High Efficiency Ra-85	630	462	
	Single CCT (3000K)	10°	ProART Ra-95	ProART Ra-95	536	393
				ProART98 Ra-98	441	323
				High Efficiency Ra-85	874	644
		20°		ProART Ra-95	743	547
				ProART98 Ra-98	612	451
				High Efficiency Ra-85	884	651
	35°	ProART Ra-95	751	553		
		ProART98 Ra-98	618	456		
		High Efficiency Ra-85	874	644		
	60°	ProART Ra-95	743	547		
ProART98 Ra-98		612	451			

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

50 NEST WARM DIM



Correction Factor:  
 50N WD - f = 1.00  
 35N WD - f = 0.74

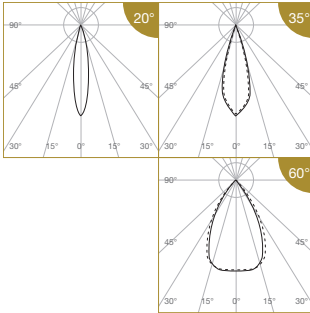
ELR LED Module				50N	35N	
LED Power				7.5W	5.5W	
System Power				10W	7.5W	
Luminous Flux (lm)	Type	Beam Angle	CRI			
			Warm Dim (3100K)	ProART Ra-95	672	496
	Warm Dim (3100K)	ProART Ra-95	20°	736	543	
			35°	744	549	
			60°	736	543	

Data are based on maximum output at 3100K.  
 Nominal CRI-95, equals to Ra>90-97, R9>50

# SNOOP 3 TREE SPIKE **IP 66 IK08**

PHOTOMETRICS

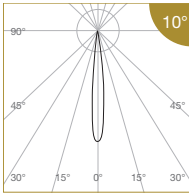
50 NEST tuneWHITE/flexiK



Height (m)	Beam Angle	Emax (lx)			ELR LED Module			50N
		20°	35°	60°	LED Power		7.5W	
		System Power			Luminous Flux (lm)		10W	
1	E(0°)	2550	1499	580	Type	Beam Angle	CRI	552
2	E(0°)	637	375	145	tuneWHITE / flexiK (4000K / 6500K)	20°	ProART Ra-95	558
3	E(0°)	283	167	64		35°		552
4	E(0°)	159	94	36		60°		552
5	E(0°)	102	60	23				

Data are based on maximum output at highest CCT (4000K / 6500K).  
2700K will have a nominal data value of 10% lower than published. (f = 0.90)  
1800K will have a nominal data value of 30% lower than published. (f = 0.70)  
Nominal CRI-95, equals to Ra>90-97, R9>50

50 NEST HIGH INTENSITY

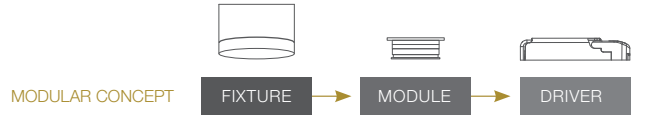


Height (m)	Beam Angle	Emax (lx)		ELR LED Module			50N-HI	35N-HI
		10°		LED Power		7.5W	5.5W	
		System Power		Luminous Flux (lm)		10W	7.5W	
1	E(0°)	10417		Type	Beam Angle	CRI		
2	E(0°)	2604		Single CCT (3000K)	10°	High Efficiency Ra-85	558	410
3	E(0°)	1157				ProART Ra-95	474	348
4	E(0°)	651				ProART98 Ra-98	391	287
5	E(0°)	417						

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>83

Correction Factor:  
50N-HI - f = 1.00  
35N-HI - f = 0.73

# SNOOP 3 TREE SPIKE 66 IK08



ORDERING MATRIX CHART

Fixture						
Type	Ingress Protection		Colour		Accessories	
SNOOP-3TS	IP66	IP66	GR	Matt Grey	N	None
				MB		Matt Black
				SL		Soft Lens
				LSL		Linear Spread Lens
				MR16		MR16 Holder
			GU10	GU10 Holder		

Single CCT LED Module								Driver											
LED Power		Beam Angle		Colour Temp		CRI		Dimming											
ELR50N	7.5W	10	10°	27	2700K	HE	Ra-85	ND	Non-Dim										
			ELR35N	5.5W	20		20°		30	3000K	PH	Phase							
							35		35°	35	3500K	PP	ProART98	AN	0-10V				
									60	60°	40			4000K	DA	DALI			
											50			5000K					
ELR50N-HI	7.5W	NS	10°	27	2700K	HE	Ra-85	ND	Non-Dim										
				ELR35N-HI	5.5W		20		20°	30	3000K	PA	ProART	PH	Phase				
									35	35°	35			3500K	PP	ProART98	AN	0-10V	
										60	60°			40			4000K	DA	DALI
														50			5000K		

Warm Dim LED Module							Driver										
LED Power		Beam Angle		Colour Temp		CRI		Dimming									
ELR50N	7.5W	10	10°	WD	Warm Dim	PA	ProART	PH	Phase								
			ELR35N						5.5W	20	20°	AN	0-10V				
											35		35°	DA	DALI		
													60		60°		

tuneWHITE LED Module							Driver							
LED Power		Beam Angle		Colour Temp		CRI		Dimming						
ELR50N	7.5W	20	20°	TW1831	tuneWHITE 1800K-3100K	PA	ProART	DA	DALI					
			35		35°					TW1840	tuneWHITE 1800K-4000K			
											60	60°	TW2765	tuneWHITE 2700K-6500K

flexiK LED Module							Driver							
LED Power		Beam Angle		Colour Temp		CRI		Dimming						
ELR50N	7.5W	20	20°	FK##	flexiK	PA	ProART	PH	Phase					
			35						35°	AN	0-10V			
											60	60°	DA	DALI

## denotes the first two digits of preferred CCT ranging from 1800K to 6500K by increment of 100K.

example: SNOOP-3TS.IP66.GR.AGL.ELR50N.35.27.PA.PH

\*Custom RAL colour options available.