

SNOOP

OUTDOOR SURFACE SERIES

Integral Driver



Constant Current
Single LED module
driven by a single
LED driver



LED
Driver

A series of surface mounted luminaires available in different sizes and output that is suitable for installation in areas without false ceiling. Incorporating ELR's signature modular concept design, LED modules are fully interchangeable with choices to flexibly illuminate designated areas.



----- Reduced Glare



Fixture Features



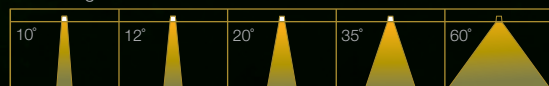
Module Colour Temperature Variation



Driver Dimming Variation



Beam Angle



SNOOP 3 SURFACE

IP 66 IK08

OUTDOOR SURFACE MOUNTED 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	Reflector Colour Options							
		MATT GREY RAL7001	MATT BLACK RAL9011						
	MATT GREY RAL7001								
	MATT BLACK RAL9011								
ACCESSORIES	<p> Honeycomb Anti-Glare Louvre Soft Lens Linear Spread Lens MR16 Holder GU10 Holder </p>								
LED MODULE	<p>50N 35N 50N-HI 35N-HI MR16/GU10</p>								
	<p>SINGLE CCT</p> <p>2700K 3000K 3500K 4000K 5000K ProART ProART98</p>				50N / 35N	✓	✓	✓	✓
	<p>WARM DIM</p>				50N / 35N	✓	✓	✓	✓
	<p>tuneWHITE</p>				50N	✓	✓	✓	✓
<p><i>**tuneWHITE and flexiK are recommended to be paired with Soft Lens for better colour mixing effect.</i></p>	<p>flexiK</p>				50N	✓	✓	✓	✓
DRIVER DIMMING	<p> (ND) (PH) (AN) (DA) </p>								



Class 2

SNOOP 3 SURFACE

IP 66 IK08

SPECIFICATIONS

FIXTURE

Family Type	Snoop series
Fixture Colours	Matt grey, matt black
Reflector 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

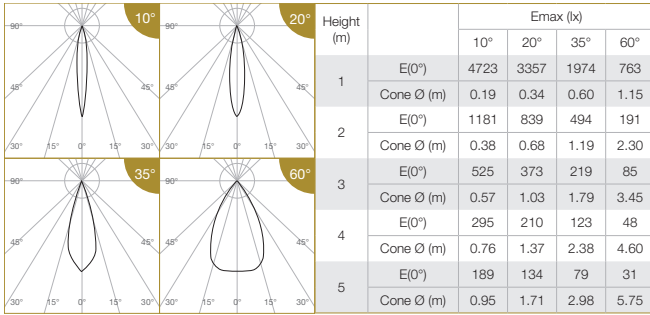
DIMENSIONS (MM)



SNOOP 3 SURFACE 66 IK08

PHOTOMETRICS

50 NEST



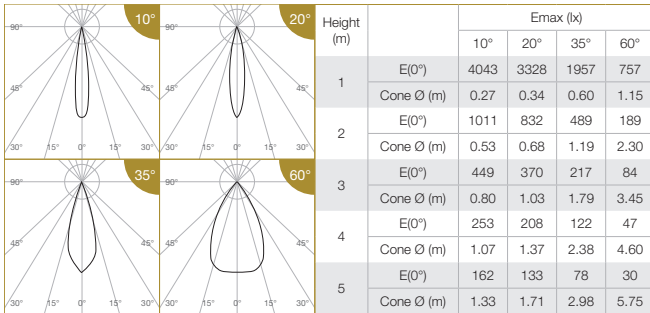
Correction Factor:
 50N (10°) - f = 1.00 50N (20°, 35°, 60°) - f = 1.00
 35N (10°) - f = 0.73 35N (20°, 35°, 60°) - f = 0.74

ELR LED Module				50N	35N	
LED Power				7.5W	5.5W	
System Power				10W	7.5W	
Luminous Flux (lm)	Type	Beam Angle	CRI			
		Single CCT (3000K)	10°	High Efficiency Ra-85	623	457
				ProART Ra-95	530	388
			20°	ProART98 Ra-98	436	320
				High Efficiency Ra-85	884	651
	35°	ProART Ra-95	751	553		
		ProART98 Ra-98	618	456		
		High Efficiency Ra-85	893	658		
		ProART Ra-95	760	559		
	60°	ProART98 Ra-98	625	461		
		High Efficiency Ra-85	912	672		
		ProART Ra-95	776	571		
		ProART98 Ra-98	638	470		

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

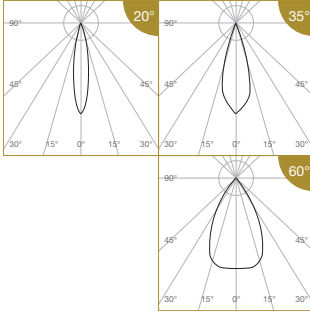
ELR LED Module				50N	35N
LED Power				7.5W	5.5W
System Power				10W	7.5W
Luminous Flux (lm)	Type	Beam Angle	CRI		
	Warm Dim (3100K)	10°	ProART Ra-95	664	490
				744	549
		35°		752	555
				60°	768

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

SNOOP 3 SURFACE 66 IK08

PHOTOMETRICS

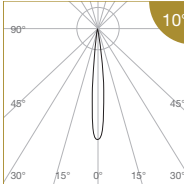
50 NEST tuneWHITE/flexiK



Height (m)		Emax (lx)			ELR LED Module				50N
		20°	35°	60°	LED Power		System Power		Luminous Flux (lm)
1	E(0°)	2496	1468	568	7.5W		10W		
	Cone Ø (m)	0.34	0.60	1.15	10W		558		
2	E(0°)	624	367	142	tuneWHITE / flexiK (4000K / 6500K)	20°	ProART Ra-95	564	
	Cone Ø (m)	0.68	1.19	2.30		35°			
3	E(0°)	277	163	63		60°			576
	Cone Ø (m)	1.03	1.79	3.45					
4	E(0°)	156	92	35					
	Cone Ø (m)	1.37	2.38	4.60					
5	E(0°)	100	59	23					
	Cone Ø (m)	1.71	2.98	5.75					

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



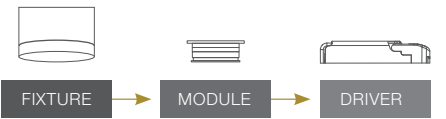
Height (m)		Emax (lx)		ELR LED Module			50N-HI	35N-HI		
		10°	10197	LED Power		System Power		7.5W	5.5W	
1	E(0°)	10197	7.5W		10W		7.5W	5.5W		
	Cone Ø (m)	0.19	10W		7.5W		552	405		
2	E(0°)	2549	Single CCT (3000K)	10°	High Efficiency Ra-85	ProART Ra-95	469	344		
	Cone Ø (m)	0.37							ProART98 Ra-98	386
3	E(0°)	1133								
	Cone Ø (m)	0.56								
4	E(0°)	637								
	Cone Ø (m)	0.74								
5	E(0°)	408								
	Cone Ø (m)	0.93								

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 SURFACE 66 IK08

MODULAR CONCEPT



ORDERING MATRIX CHART

Fixture								
Type	Ingress Protection		Colour		Reflector Colour		Accessories	
SNOOP-3SM	IP66	IP66	GR	Matt Grey	GR	Matt Grey	N	None
			MB	Matt Black	MB	Matt Black	AGL	Anti-Glare Louvre
							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	PA	ProART	PH	Phase
		35	35°	35	3500K			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			30	3000K	PA	ProART	PH	Phase
				35	3500K			AN	0-10V
				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-3SM,IP66,GR,GR,AGL,ELR50N,35,27,PA,PH

*Custom RAL colour options available.