

# SNOOP

## SINGLE POINT SERIES

An alternative form of ceiling mounted adjustable luminaires available in different sizes and output. Incorporating ELR's signature modular concept design, LED modules are fully interchangeable with choices to flexibly illuminate designated areas and objects ideally for accent lighting applications.



Reduced Glare

Future proof with upgradeable module

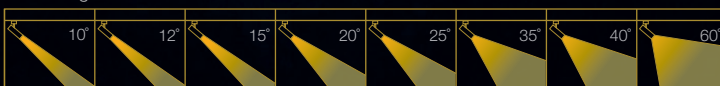


Accessory options

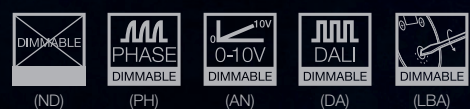
### Module Colour Temperature Variation



### Beam Angle



### Driver Dimming Variation



# SNOOP 3 SINGLE POINT

SINGLE POINT SURFACE / RECESSED MOUNTED LUMINAIRE



#SINGLE POINT  
#3-SERIES  
#SURFACE



#SINGLE POINT  
#3-SERIES  
#RECESSED

## 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 WHITE RAL9003

MATT BLACK RAL9011

Reflector Colour Options

MATT WHITE RAL9003

MATT BLACK RAL9011

WHITE / BLACK

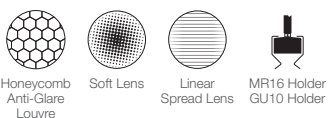
CHROME BLACK

CHROME GOLD

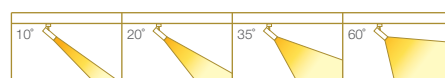
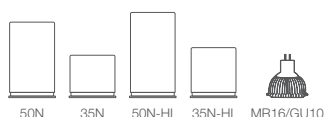
Mounting Options  
SURFACE RECESSED



**ACCESSORIES**



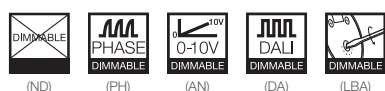
**LED MODULE**



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

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

**DRIVER DIMMING**



# SNOOP 3 SINGLE POINT

## SPECIFICATIONS

FIXTURE	
Family Type	Snoop series
Fixture Colours	Matt white, matt black
Reflector Colours	Matt white, matt black, matt white / matt black, chrome black, chrome gold
Fixture Materials	Aluminium
Accessories	Honeycomb anti-glare louvre, soft lens, linear spread lens
Ingress Protection	IP40
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, Local Brightness Adjuster

## DIMENSIONS (MM)



# SNOOP 3 SINGLE POINT

## PHOTOMETRICS

### 50 NEST

Height (m)		Emax (lx)			
		10°	20°	35°	60°
1	E(0°)	4723	3357	1974	763
	Cone Ø (m)	0.19	0.34	0.60	1.15
2	E(0°)	1181	839	494	191
	Cone Ø (m)	0.38	0.68	1.19	2.30
3	E(0°)	525	373	219	85
	Cone Ø (m)	0.57	1.03	1.79	3.45
4	E(0°)	295	210	123	48
	Cone Ø (m)	0.76	1.37	2.38	4.60
5	E(0°)	189	134	79	31
	Cone Ø (m)	0.95	1.71	2.98	5.75

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			
			High Efficiency Ra-85	623	457	
		ProART Ra-95	530	388		
		ProART98 Ra-98	436	320		
		Single CCT (3000K)	10°	High Efficiency Ra-85	884	651
				ProART Ra-95	751	553
	ProART98 Ra-98		618	456		
	20°		High Efficiency Ra-85	893	658	
			ProART Ra-95	760	559	
	ProART98 Ra-98		625	461		
	35°	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 8% lower than published. (f = 0.92)

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

Height (m)		Emax (lx)			
		10°	20°	35°	60°
1	E(0°)	4043	3328	1957	757
	Cone Ø (m)	0.27	0.34	0.60	1.15
2	E(0°)	1011	832	489	189
	Cone Ø (m)	0.53	0.68	1.19	2.30
3	E(0°)	449	370	217	84
	Cone Ø (m)	0.80	1.03	1.79	3.45
4	E(0°)	253	208	122	47
	Cone Ø (m)	1.07	1.37	2.38	4.60
5	E(0°)	162	133	78	30
	Cone Ø (m)	1.33	1.71	2.98	5.75

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			
			ProART Ra-95		664	490
		Warm Dim (3100K)	744	549		
	10°	752	555			
		20°	768	566		
	35°					
60°						

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

# SNOOP 3 SINGLE POINT

## 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					
2	E(0°)	624	367	142					564
	Cone Ø (m)	0.68	1.19	2.30					
3	E(0°)	277	163	63					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*

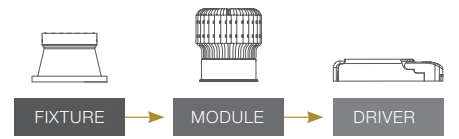
### 50 NEST HIGH INTENSITY

Height (m)		Emax (lx)		ELR LED Module				50N-HI	35N-HI
		10°	10°	LED Power		System Power		Luminous Flux (lm)	50N-HI
1	E(0°)	10197	10197	7.5W		10W			
	Cone Ø (m)	0.19	0.19						
2	E(0°)	2549	2549					469	344
	Cone Ø (m)	0.37	0.37						
3	E(0°)	1133	1133					386	284
	Cone Ø (m)	0.56	0.56						
4	E(0°)	637	637						
	Cone Ø (m)	0.74	0.74						
5	E(0°)	408	408						
	Cone Ø (m)	0.93	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 8% 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 SINGLE POINT MODULAR CONCEPT



## ORDERING MATRIX CHART

Fixture								
Type	Shape		Colour		Reflector Colour		Accessories	
<b>SNOOP-3SPM</b>	<b>S</b>	Surface	<b>WH</b>	Matt White	<b>WH</b>	Matt White	<b>N</b>	None
	<b>R</b>	Recessed	<b>MB</b>	Matt Black	<b>MB</b>	Matt Black	<b>AGL</b>	Anti-Glare Louvre
					<b>WB</b>	White/Black	<b>SL</b>	Soft Lens
					<b>CB</b>	Chrome Black	<b>LSL</b>	Linear Spread Lens
					<b>CG</b>	Chrome Gold	<b>MR16</b>	MR16 Holder
							<b>GU10</b>	GU10 Holder

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

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

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

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

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

example: SNOOP-3SPM.R.WH.WH.AGL.ELR50N.35.27.PA.PH

\*Custom RAL colour options available.