

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

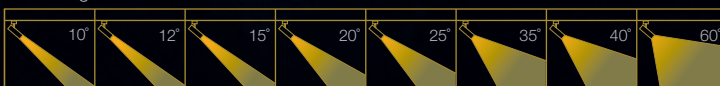


Accessory options

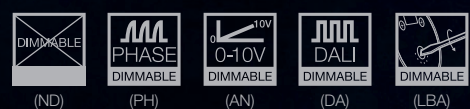
Module Colour Temperature Variation



Beam Angle



Driver Dimming Variation



SNOOP 4 SINGLE POINT

SINGLE POINT SURFACE / RECESSED MOUNTED LUMINAIRE



#SINGLE POINT
#4-SERIES
#SURFACE



#SINGLE POINT
#4-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	Reflector Colour Options					
	MATT WHITE RAL9003	MATT BLACK RAL9011	WHITE / BLACK	CHROME BLACK	CHROME GOLD		
	MATT WHITE RAL9003						
	MATT BLACK RAL9011						
	Mounting Options		SURFACE	RECESSED			
ACCESSORIES	Honeycomb Anti-Glare Louvre Soft Lens Linear Spread Lens						
LED MODULE	100PLE / 100CLE / 100CLO		12° 20° 35° 60°				
	SINGLE CCT 2700K 3000K 3500K 4000K 5000K ProART ProART98		100PLE / 100CLE / 100CLO	✓	✓	✓	✓
	WARM DIM		100PLE	✓	✓	✓	✓
	tuneWHITE		100PLE		✓	✓	✓
	flexiK						
**tuneWHITE and flexiK are recommended to be paired with Soft Lens for better colour mixing effect.							
DRIVER DIMMING	(ND) (PH) (AN) (DA) (LBA)						

SNOOP 4 SINGLE POINT

SPECIFICATIONS

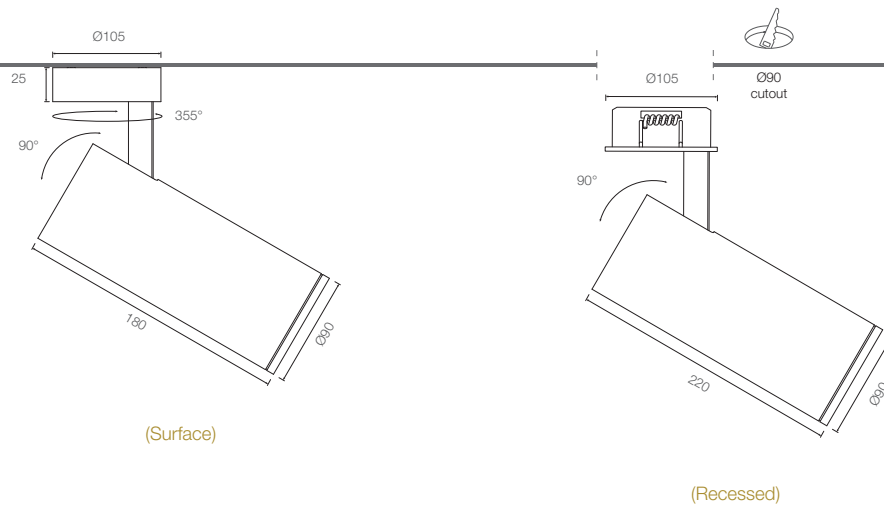
FIXTURE

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	100 series LED engines
Lifetime	Up to 50,000 hours L80 lamp life with LM80 tested LED chip packages
Beam Angles	12°, 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 4 SINGLE POINT

PHOTOMETRICS

100 PLE

Height (m)		E _{max} (lx)			
		12°	20°	35°	60°
1	E(0°)	12888	10027	5219	2750
	Cone Ø (m)	0.27	0.41	0.70	1.09
2	E(0°)	3222	2507	1305	688
	Cone Ø (m)	0.53	0.82	1.40	2.17
3	E(0°)	1432	1114	580	306
	Cone Ø (m)	0.80	1.23	2.10	3.26
4	E(0°)	805	627	326	172
	Cone Ø (m)	1.07	1.64	2.80	4.34
5	E(0°)	516	401	209	110
	Cone Ø (m)	1.33	2.05	3.50	5.43

Correction Factor:
 100PLE - f = 1.00
 100CLE - f = 0.69
 100CLO - f = 0.50

ELR LED Module				100PLE	100CLE	100CLO	
LED Power				23W	17W	12W	
System Power				28W	21W	15.2W	
Luminous Flux (lm)	Single CCT (3000K)	Type	Beam Angle	CRI			
				High Efficiency Ra-85	100PLE	100CLE	100CLO
		12°	High Efficiency Ra-85	High Efficiency Ra-85	2490	1710	1245
				ProART Ra-95	2117	1453	1058
				ProART98 Ra-98	1743	1197	872
			ProART Ra-95	High Efficiency Ra-85	2820	1936	1410
				ProART Ra-95	2397	1646	1199
				ProART98 Ra-98	1974	1355	987
		20°	High Efficiency Ra-85	High Efficiency Ra-85	2880	1978	1440
				ProART Ra-95	2448	1681	1224
				ProART98 Ra-98	2016	1384	1008
			ProART Ra-95	High Efficiency Ra-85	2880	1978	1440
ProART Ra-95	2448			1681	1224		
ProART98 Ra-98	2016			1384	1008		
35°	High Efficiency Ra-85	High Efficiency Ra-85	2880	1978	1440		
		ProART Ra-95	2448	1681	1224		
		ProART98 Ra-98	2016	1384	1008		
	ProART Ra-95	High Efficiency Ra-85	2880	1978	1440		
		ProART Ra-95	2448	1681	1224		
		ProART98 Ra-98	2016	1384	1008		
60°	High Efficiency Ra-85	High Efficiency Ra-85	2880	1978	1440		
		ProART Ra-95	2448	1681	1224		
		ProART98 Ra-98	2016	1384	1008		
	ProART Ra-95	High Efficiency Ra-85	2880	1978	1440		
		ProART Ra-95	2448	1681	1224		
		ProART98 Ra-98	2016	1384	1008		

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

100 PLE WARM DIM

Height (m)		E _{max} (lx)			
		12°	20°	35°	60°
1	E(0°)	11119	8650	4503	2373
	Cone Ø (m)	0.27	0.41	0.70	1.09
2	E(0°)	2780	2163	1126	593
	Cone Ø (m)	0.53	0.82	1.40	2.17
3	E(0°)	1235	961	500	264
	Cone Ø (m)	0.80	1.23	2.10	3.26
4	E(0°)	695	541	281	148
	Cone Ø (m)	1.07	1.64	2.80	4.34
5	E(0°)	445	346	180	95
	Cone Ø (m)	1.33	2.05	3.50	5.43

ELR LED Module				100PLE
LED Power				23W
System Power				28W
Luminous Flux (lm)	Warm Dim (3100K)	Type	Beam Angle	CRI
		12°	ProART Ra-95	1826
			ProART Ra-95	2068
		20°	ProART Ra-95	2112
			ProART Ra-95	2112
35°	ProART Ra-95	2112		
	ProART Ra-95	2112		
60°	ProART Ra-95	2112		
	ProART Ra-95	2112		

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

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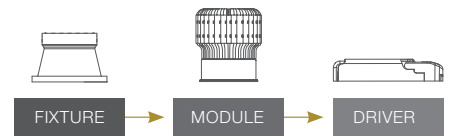
PHOTOMETRICS

100PLE tuneWHITE/flexiK

Height (m)		Emax (lx)			ELR LED Module				100PLE
		20°	35°	60°	LED Power		System Power		
1	E(0°)	7471	3889	2049					23W
	Cone Ø (m)	0.41	0.70	1.09					28W
2	E(0°)	1868	972	512	Luminous Flux (lm)	tuneWHITE / flexiK (4000K / 6500K)	20°	ProART Ra=95	1786
	Cone Ø (m)	0.82	1.40	2.17			35°		1824
							60°		1824
3	E(0°)	830	432	228					
	Cone Ø (m)	1.23	2.10	3.26					
4	E(0°)	467	243	128					
	Cone Ø (m)	1.64	2.80	4.34					
5	E(0°)	299	156	82					
	Cone Ø (m)	2.05	3.50	5.43					

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

SNOOP 4 SINGLE POINT MODULAR CONCEPT



ORDERING MATRIX CHART

Fixture							
Type	Shape		Colour		Reflector Colour		Accessories
SNOOP-4SPM	S	Surface	WH	Matt White	WH	Matt White	N None
	R	Recessed	MB	Matt Black	MB	Matt Black	AGL Anti-Glare Louvre
					WB	White/Black	SL Soft Lens
					CB	Chrome Black	LSL Linear Spread Lens
					CG	Chrome Gold	

Single CCT LED Module						Driver			
LED Power		Beam Angle		Colour Temp		CRI		Dimming	
ELR100PLE	23W	12	12°	27	2700K	HE	Ra-85	ND	Non-Dim
ELR100CLE	17W	20	20°	30	3000K	PA	ProART	PH	Phase
ELR100CLO	12W	35	35°	35	3500K	PP	ProART98	AN	0-10V
		60	60°	40	4000K			DA	DALI
				50	5000K			LBA	Local Brightness Adjuster

Warm Dim LED Module						Driver			
LED Power		Beam Angle		Colour Temp		CRI		Dimming	
ELR100PLE	23W	12	12°	WD	Warm Dim	PA	ProART	PH	Phase
		20	20°					AN	0-10V
		35	35°					DA	DALI
		60	60°						

tuneWHITE LED Module						Driver			
LED Power		Beam Angle		Colour Temp		CRI		Dimming	
ELR100PLE	23W	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	
ELR100PLE	23W	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-4SPM.S.WH.WH.AGL.ELR100PLE.35.27.PA.PH

*Custom RAL colour options available.