

SCOPE

SINGLE POINT SERIES

A series of basic ceiling mounted adjustable luminaires designed with ELR's modular concept. LED modules are fully interchangeable with choices to flexibly illuminate designated areas and objects ideally for accent lighting applications.



Future proof with
upgradeable module

Accessory options

Module Colour Temperature Variation



Beam Angle



Driver Dimming Variation



SCOPE 3 SINGLE POINT

SINGLE POINT MOUNTED LUMINAIRE



TECHNOLOGY AND FEATURES



Advanced Thermal
Protection System



Low Flicker,
No Risk
(IEEE 1789)



Converging Optical Lens
Maximising LOR

AVAILABLE OPTIONS

FIXTURE
COLOUR OPTIONSTrim Colour
OptionsMATT WHITE
RAL9003MATT BLACK
RAL9011

Reflector Colour Options

MATT WHITE RAL9003

MATT BLACK RAL9011



ACCESSORIES

Honeycomb
Anti-Glare
Louvre

Soft Lens

Linear
Spread LensMR16 Holder
GU10 Holder

LED MODULE



50N



35N



50N-HI



35N-HI



MR16/GU10

SINGLE CCT



2700K



3000K



3500K



4000K



5000K



ProART



ProART98

WARM DIM



tuneWHITE



flexiK



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



50N / 35N

✓

✓

✓

✓

50N-HI / 35N-HI

✓

DRIVER
DIMMING

(ND)



(PH)



(AN)



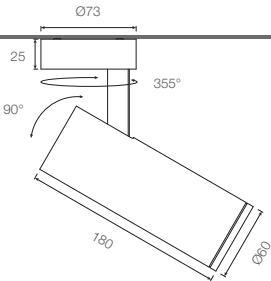
(DA)

SCOPE 3
SINGLE
POINT

SPECIFICATIONS

FIXTURE	
Family Type	Scope series
Fixture Colours	Matt white, matt black
Reflector Colours	Matt white, matt black
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

DIMENSIONS (MM)

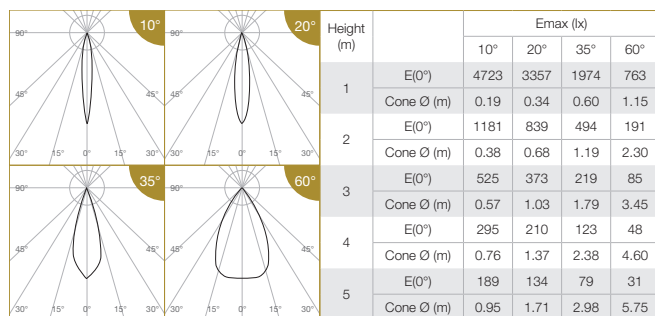


(Surface)

SCOPE 3 SINGLE POINT

PHOTOMETRICS

50 NEST



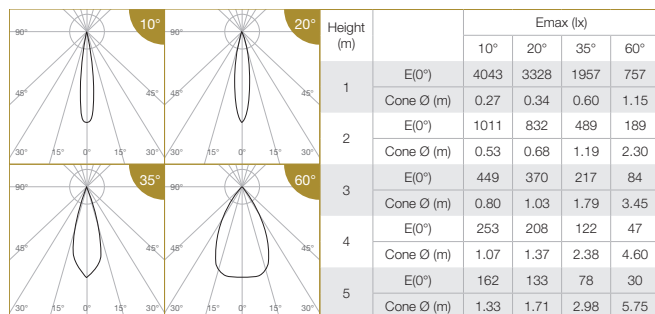
Correction Factor:
 50N (10°) - f = 1.00
 35N (10°) - f = 0.73
 50N (20°, 35°, 60°) - f = 1.00
 35N (20°, 35°, 60°) - f = 0.74

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



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
		20°		744	549
		35°		752	555
		60°		768	566

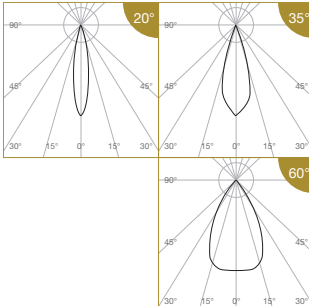
Data are based on maximum output at 3100K.

Nominal CRI-95, equals to Ra>90-97, R9>50

SCOPE 3 SINGLE POINT

PHOTOMETRICS

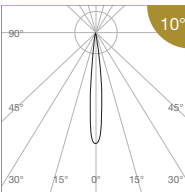
50 NEST tuneWHITE/flexiK



Height (m)		Emax (lx)			ELR LED Module				50N
		20°	35°	60°	LED Power			7.5W	
1	E(0°)	2496	1468	568	System Power			10W	
	Cone Ø (m)	0.34	0.60	1.15	Luminous Flux (lm)	Type	Beam Angle	CRI	
2	E(0°)	624	367	142		tuneWHITE / flexiK (4000K / 6500K)	20°	ProART Ra-95	558
	Cone Ø (m)	0.68	1.19	2.30			35°		564
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



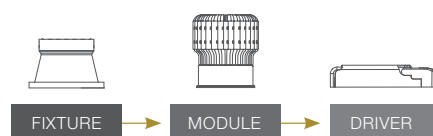
Height (m)	Emax (lx)		ELR LED Module				50N-HI	35N-HI
		10°	LED Power					
1	E(0°)	10197	System Power			7.5W	5.5W	
	Cone Ø (m)	0.19	Luminous Flux (lm)	Type	Beam Angle	CRI		
2	E(0°)	2549		Single CCT (3000K)	10°	High Efficiency Ra-85	552	405
	Cone Ø (m)	0.37				ProART Ra-95	469	344
3	E(0°)	1133				ProART98 Ra-98	386	284
	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 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

SCOPE 3 SINGLE POINT

MODULAR CONCEPT



ORDERING MATRIX CHART

Fixture							
Type	Shape		Colour		Reflector Colour		Accessories
SCOPE-3SPM	S	Surface	WH	Matt White	WH	Matt White	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	PP	ProART98	AN	0-10V
		40	40°	40	4000K			DA	DALI
		60	60°	50	5000K			LBA	Local Brightness Adjuster
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	PP	ProART98	AN	0-10V
				40	4000K			DA	DALI
				50	5000K			LBA	Local Brightness Adjuster

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-3SPM.R.WH.WH.AGL.ELR50N.35.27.PA.PH

*Custom RAL colour options available.