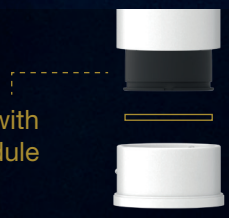
SCORPIUS

TRACK SERIES

A series of track mounted adjustable luminaires with double pivot arms for added versatility to freely position the luminaire direction in applications where the track is hidden in ceiling troughs. Incorporating ELR's signature modular concept design, LED modules are fully interchangeable with choices to flexibly illuminate objects ideally for showcasing and retail applications.



Future proof with upgradeable module

Accessory options

Module Colour Temperature Variation

ProART ProART98 WARM DIM tuneWHITE flexiK

Beam Angle

Driver Dimming Variation

(ND) (PH) (AN) (DA)

SCORPIUS 3 TRACK

TRACK MOUNTED PIVOT ARM LUMINAIRE

TECHNOLOGY AND FEATURES

ATePS
Advanced Thermal Protection System

ComfyEYE
Low Flicker, No Risk (IEEE 1789)

BEAM
Converging Optical Lens Maximising LOR

The information above is at nominal values accuracy of +/-7%. For the latest specifications please refer to the website.

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					

ACCESSORIES

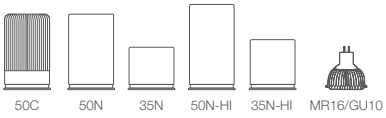

Honeycomb Anti-Glare Louvre


Soft Lens


Linear Spread Lens


MR16 Holder GU10 Holder

LED MODULE



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

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

DRIVER
DIMMING

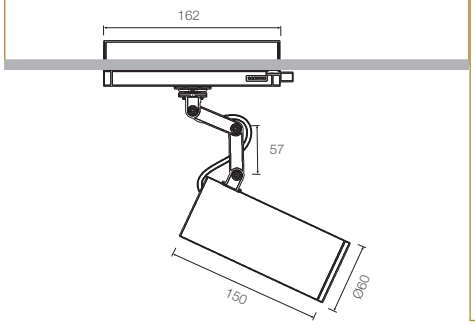
(ND) (PH) (AN) (DA)

SCORPIUS 3 TRACK

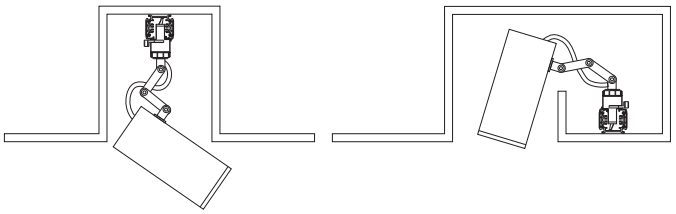
SPECIFICATIONS

FIXTURE	
Family Type	Scorpius 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	50C, 50 NEST 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)



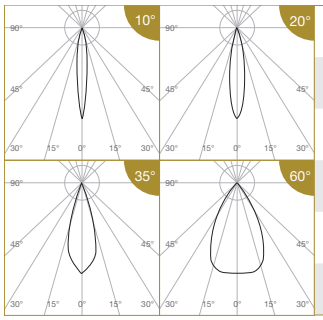
APPLICATION EXAMPLES



SCORPIUS 3 TRACK

PHOTOMETRICS

50 NEST



Height (m)		Emax (lx) 10°	20°	35°	60°
1	E(°)	6425	4243	2495	965
	Cone Ø (m)	0.19	0.34	0.60	1.15
2	E(°)	1606	1061	624	241
	Cone Ø (m)	0.37	0.68	1.19	2.30
3	E(°)	714	471	277	107
	Cone Ø (m)	0.56	1.03	1.79	3.45
4	E(°)	402	265	156	60
	Cone Ø (m)	0.74	1.37	2.38	4.60
5	E(°)	257	170	100	39
	Cone Ø (m)	0.93	1.71	2.98	5.75

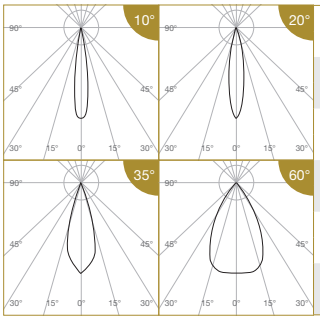
Correction Factor:
50C (10°) – ƒ = 1.00
50N (10°) – ƒ = 0.74
35N (10°) – ƒ = 0.54
50C (20°, 35°, 60°) – ƒ = 1.00
50N (20°, 35°, 60°) – ƒ = 0.79
35N (20°, 35°, 60°) – ƒ = 0.58

ELR LED Module				50C	50N	35N
LED Power				10W	7.5W	5.5W
System Power				12.8W	10W	7.5W
Luminous Flux (lm)	Type	Beam Angle	CRI			
	Single CCT (3000K)	10°	High Efficiency Ra~85	847	623	457
			ProART Ra~95	720	530	388
			ProART98 Ra~98	593	436	320
		20°	High Efficiency Ra~85	1116	884	651
			ProART Ra~95	949	751	553
			ProART98 Ra~98	781	618	456
		35°	High Efficiency Ra~85	1128	893	658
			ProART Ra~95	959	760	559
			ProART98 Ra~98	790	625	461
		60°	High Efficiency Ra~85	1152	912	672
			ProART Ra~95	979	776	571
			ProART98 Ra~98	806	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. (ƒ = 1.05)
High Efficiency CRI~85 will have a nominal data value of 15% higher than published. (ƒ = 1.17)
ProART98 CRI~98 will have a nominal data value of 8% lower than published. (ƒ = 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



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

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

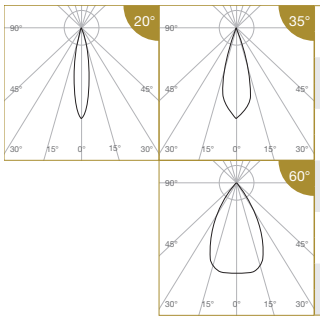
Data are based on maximum output at 3100K.

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

SCORPIUS 3 TRACK

PHOTOMETRICS

50 NEST tuneWHITE/flexiK



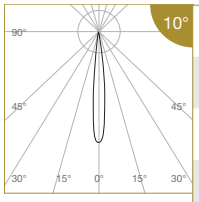
Height (m)		Emax (lx)		
		20°	35°	60°
1	E(0°)	2496	1468	568
	Cone Ø (m)	0.34	0.60	1.15
2	E(0°)	624	367	142
	Cone Ø (m)	0.68	1.19	2.30
3	E(0°)	277	163	63
	Cone Ø (m)	1.03	1.79	3.45
4	E(0°)	156	92	35
	Cone Ø (m)	1.37	2.38	4.60
5	E(0°)	100	59	23
	Cone Ø (m)	1.71	2.98	5.75

ELR LED Module				50N
LED Power				7.5W
System Power				10W
Luminous Flux (lm)	Type	Beam Angle	CRI	
	tuneWHITE / flexiK (4000K / 6500K)	20°	ProART Ra~95	558
		35°		564
		60°		576

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)
		10°
1	E(0°)	10197
	Cone Ø (m)	0.19
2	E(0°)	2549
	Cone Ø (m)	0.37
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

ELR LED Module				50N-HI	35N-HI
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	552	405
			ProART Ra~95	469	344
			ProART98 Ra~98	386	284

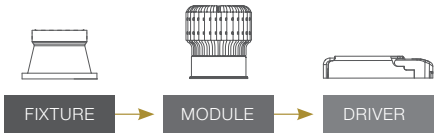
Data are based on 3000K (ProART CRI~95). Nominal data of 2700K and 3500K are shared with 3000K.
Higher CCT of 4000K and 5000K will have a nominal data value of 5% higher than published. (f = 1.05)
High Efficiency CRI~85 will have a nominal data value of 15% higher than published. (f = 1.17)
ProART98 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>93

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

MODULAR PRO

SCORPIUS 3 TRACK



ORDERING MATRIX CHART

Fixture						
Type	Colour		Reflector Colour		Accessories	
SCORPIUS-3TR	._____		._____		._____	
	WH	Matt White	**WH**	Matt White	**N**	None
	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	**MR16**	MR16 Holder
					GU10	GU10 Holder

Single CCT LED Module								Driver		Track Adapter	
LED Power		Beam Angle		Colour Temp		CRI		Dimming		Type	
._____		._____		._____		._____		._____		._____	
ELR50C	10W	**10**	10°	**27**	2700K	**HE**	Ra~85	**ND**	Non-Dim	**I3AC**	Integrated 3 Circuit AC
		20	20°	**30**	3000K	**PA**	ProART	**PH**	Phase	**I3AC**	Integrated 3 Circuit AC
		35	35°	**35**	3500K	**PP**	ProART98	**AN**	0-10V	**I3DT**	Integrated 3 Circuit AC + Data
		60	60°	**40**	4000K			**DA**	DALI	**I3DT**	Integrated 3 Circuit AC + Data
				50	5000K						
ELR50N	7.5W	**10**	10°	**27**	2700K	**HE**	Ra~85	**ND**	Non-Dim	**3AC**	3 Circuit AC
ELR35N	5.5W	**20**	20°	**30**	3000K	**PA**	ProART	**PH**	Phase	**3AC**	3 Circuit AC
		35	35°	**35**	3500K	**PP**	ProART98	**AN**	0-10V	**1DT**	1 Circuit AC + Data
		60	60°	**40**	4000K					**3DT**	3 Circuit AC + Data
				50	5000K			**DA**	DALI	**1DT**	1 Circuit AC + Data
										3DT	3 Circuit AC + Data
ELR50N-HI	7.5W	**NS**	10°	**27**	2700K	**HE**	Ra~85	**ND**	Non-Dim	**3AC**	3 Circuit AC
ELR35N-HI	5.5W			**30**	3000K	**PA**	ProART	**PH**	Phase	**3AC**	3 Circuit AC
				35	3500K	**PP**	ProART98	**AN**	0-10V	**1DT**	1 Circuit AC + Data
				40	4000K					**3DT**	3 Circuit AC + Data
				50	5000K			**DA**	DALI	**1DT**	1 Circuit AC + Data
										3DT	3 Circuit AC + Data

Warm Dim LED Module								Driver		Track Adapter	
LED Power		Beam Angle		Colour Temp		CRI		Dimming		Type	
ELR50N	7.5W	**10**	10°	**WD**	Warm Dim	**PA**	ProART	**PH**	Phase	**3AC**	3 Circuit AC
ELR35N	5.5W	**20**	20°					**AN**	0-10V	**1DT**	1 Circuit AC + Data
		35	35°							**3DT**	3 Circuit AC + Data
		60	60°					**DA**	DALI	**1DT**	1 Circuit AC + Data
										3DT	3 Circuit AC + Data

tuneWHITE LED Module								Driver		Track Adapter	
LED Power		Beam Angle		Colour Temp		CRI		Dimming		Type	
ELR50N	7.5W	**20**	20°	**TW1831**	tuneWHITE 1800K-3100K	**PA**	ProART	**DA**	DALI	**1DT**	1 Circuit AC + Data
		35	35°	**TW1840**	tuneWHITE 1800K-4000K					**3DT**	3 Circuit AC + Data
		60	60°	**TW2765**	tuneWHITE 2700K-6500K						

flexiK LED Module								Driver		Track Adapter	
LED Power		Beam Angle		Colour Temp		CRI		Dimming		Type	
ELR50N	7.5W	**20**	20°	**FK##**	flexiK	**PA**	ProART	**PH**	Phase	**3AC**	3 Circuit AC
		35	35°					**AN**	0-10V	**1DT**	1 Circuit AC + Data
		60	60°							**3DT**	3 Circuit AC + Data
								DA	DALI	**1DT**	1 Circuit AC + Data
										3DT	3 Circuit AC + Data

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

example: SNOOP-3TR.WH.WH.AGL.ELR50N.35.27.PA.PH.3AC

**Custom RAL colour options available.*