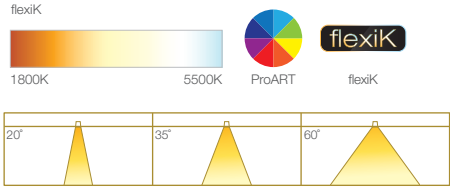
100 PLE flexiK

23W FLEXIBLE WHITE LED ENGINE

For designated fixtures only and NOT to be operated independently or with downlight fixtures.

AVAILABLE OPTIONS

LED MODULE



DRIVER
DIMMING

(PH) **(AN)** (DA)

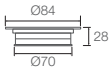
TECHNOLOGY AND FEATURES

Advanced Thermal Protection System

Low Flicker, No Risk (IEEE 1789)

Converging Optical Lens Maximising LOR

DIMENSIONS (MM)



100 CLO: L151 x W43.5 x H32
100 CLE / 100PLE: L171 x W43.5 x H32

SPECIFICATIONS

Family Type	100 Series
Mains Voltage	220-240V, 50Hz
Typical Operating Voltage	34V
Typical Operating Current	670mA
Colour	Black
Installation Compatibility	Compatible with ELR SNOOP-4 fixture variants
Lifetime	50,000 hours (80% lumen maintenance at Ta = 35°C), B10
Beam Angles	20°, 35°, 60°
Colour Temperatures	flexiK (any CCT within 1800K - 5500K by increment of 100K)
CRI	ProART (CRI~95)
SDCM	2 step MacAdam ellipse binning

Driver (Dimming)	Phase (leading & trailing edge), 0-10V, DALI
Mains Connection	Screw terminals for convenient connection
Materials	Aluminium, plastic
Fire Safety	Glow wire test 850°C, UL94V-0, VW-1
Flammability Mark	F
Ingress Protection	IP40
Safety Class	Class 2
Standards	IEC 62031, IEC 61347-2-13
Regulatory Markings	CE, CB, CCC, RCM, BIS, TIS, SIRIM-ST, RoHS
Weight	140g

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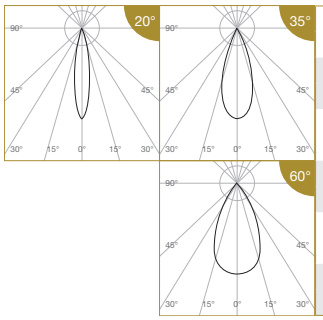

Height (m)		Emax (lx)		
		20°	35°	60°
1	E(0°)	9682	5040	2656
	Cone Ø (m)	0.40	0.67	1.02
2	E(0°)	2421	1260	664
	Cone Ø (m)	0.81	1.34	2.05
3	E(0°)	1076	560	295
	Cone Ø (m)	1.21	2.01	3.07
4	E(0°)	605	315	166
	Cone Ø (m)	1.61	2.68	4.09
5	E(0°)	387	202	106
	Cone Ø (m)	2.02	3.35	5.12

ELR Module				Luminous Flux (lm)		
Type	LED Power	System Power	CRI	5500K		
				20°	35°	60°
100 PLE FK	23W	28W	ProART CRI~95	2290	2290	2290

Data are based on maximum output at 5000K - 5500K range.
3500K - 5000K will have a nominal data value of 5% lower than published.
2700K - 3500K will have a nominal data value of 10% lower than published.
2400K - 2700K will have a nominal data value of 20% lower than published.
1800K - 2400K will have a nominal data value of 30% lower than published.

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

ORDERING MATRIX CHART

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 5500K by increment of 100K.

example: ELR100PLE.35.FK35.PA.PH