

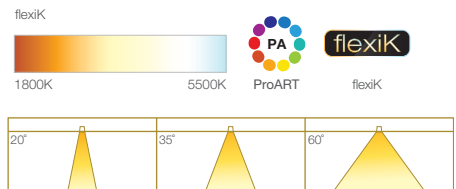
# 100 PLE flexiK

## 23W FLEXIBLE WHITE LED ENGINE

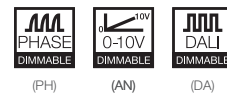


### AVAILABLE OPTIONS

#### LED MODULE



#### DRIVER DIMMING



### TECHNOLOGY AND FEATURES

Advanced Thermal Protection System

Low Flicker, No Risk (IEEE 1789)

Converging Optical Lens Maximising LOR

### DIMENSIONS (MM)



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

SPECIFICATIONS

Family Type	100 Series
Typical Operating Voltage	34V
Typical Operating Current	670mA
System / Input Power	28W
Colour	Black
Materials	Aluminium, plastic
Compatibility	Compatible with ELR SNOOP-4 and ELR NEBULA-4 fixture variants
Lifetime	50,000 hours (80% lumen maintenance at Ta = 25°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

Ingress Protection	IP54 (LED engine only)
Weight	140g (LED engine), 237g (driver)
Dimming	Phase (leading & trailing edge), 0-10V, DALI
Mains Connection	Screw terminals for convenient connection
Mains Voltage	220-240V, 50Hz
Power Factor	>0.9
Fire Safety	Glow wire test 850°C, UL94V-0, VW-1
Flammability Mark	F
Safety Class	Class 2
Standards	IEC 62031, IEC 61347-2-13
Regulatory Markings	CE, CB, CCC, RCM, BIS, TIS, SIRIM-ST, RoHS

100 PLE flexiK

Height (m)	Emax (lx)	E(0°)		
		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 Engine				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 Engine			
LED Power	Beam Angle	Colour Temp	CRI
ELR100PLE.23	20	FK## flexiK	PA ProART
	35		
	60		

Driver		
Type	Dimming	Output Power
MP.DRA	PH	23   23W
	AN	
	DA	

## denotes the first two digits of preferred CCT ranging from 1800K to 5500K by increment of 100K.  
 example: ELR100PLE.23.35.FK35.PA.PH

example: MP.DRA.DA.23  
 Note: Please ensure that LED Power of LED module matches the Output Power of driver when ordering.