

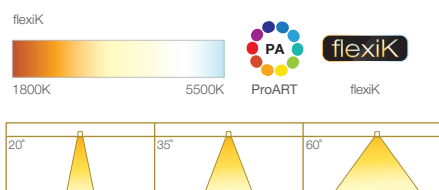
100 PRO flexiK

23W FLEXIBLE WHITE LED MODULE



AVAILABLE OPTIONS

LED MODULE



DRIVER DIMMING



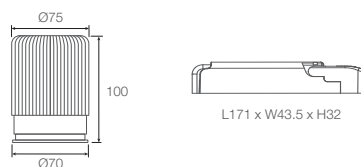
TECHNOLOGY AND FEATURES

Advanced Thermal Protection System

Low Flicker, No Risk (IEEE 1789)

Converging Optical Lens Maximising LOR

DIMENSIONS (MM)



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 size-4 fixtures or most AR70 fittings, ELR size-6 fixtures or most AR111 fittings with optional mounting bracket.
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 module only)
Weight	430g (LED module), 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 PRO flexiK

Height (m)	E(0°)	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 Pro 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			
LED Power	Beam Angle	Colour Temp	CRI
ELR100P.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: ELR100P.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.