

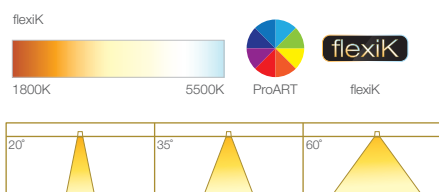
100 PRO flexiK

23W FLEXIBLE WHITE LED MODULE



AVAILABLE OPTIONS

LED MODULE



DRIVER DIMMING



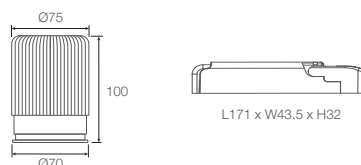
TECHNOLOGY AND FEATURES

ATEPS
Advanced Thermal Protection System

ComfyEYE
Low Flicker, No Risk (IEEE 1789)

X BEAM
Converging Optical Lens Maximising LOR

DIMENSIONS (MM)

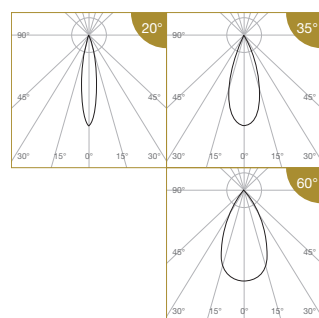


SPECIFICATIONS

Family Type	100 Series
Mains Voltage	220-240V, 50Hz
Typical Operating Voltage	34V
Typical Operating Current	670mA
Colour	Black
Installation Compatibility	Compatible with ELR 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 = 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, WW-1
Flammability Mark	F
Ingress Protection	IP54 (module only)
Safety Class	Class 2
Standards	IEC 62031, IEC 61347-2-13
Regulatory Markings	CE, CB, CCC, RCM, BIS, TIS, SIRIM-ST, RoHS
Weight	430g

100 PRO flexiK



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 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					Driver		
LED Power	Beam Angle		Colour Temp		CRI		Dimming
ELR100P	23W	20°	FK##	flexiK	PA	ProART	PH
		35°					AN
		60°	DA				
							Phase
							0-10V
							DALI

denotes the first two digits of preferred CCT ranging from 1800K to 5500K by increment of 100K.

example: ELR100P:35.FK35.PA.PH