

100 PRO tuneWHITE

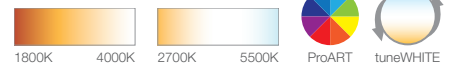
23W TUNABLE WHITE LED MODULE



AVAILABLE OPTIONS

LED MODULE

tuneWHITE



DRIVER DIMMING



(DT8)

TECHNOLOGY AND FEATURES



Advanced Thermal Protection System

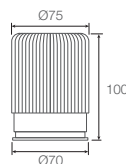


Low Flicker, No Risk (IEEE 1789)



Converging Optical Lens Maximising LOR

DIMENSIONS (MM)



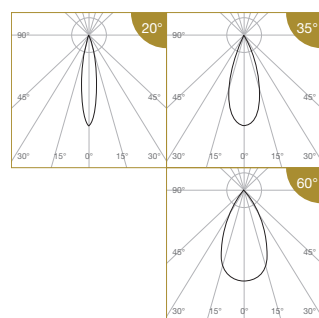
L171 x W43.5 x H32

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 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	tuneWHITE 1800K - 4000K, tuneWHITE 2700K - 5500K
CRI	ProART (CRI~95)
SDCM	2 step MacAdam ellipse binning

Driver (Dimming)	DALI device type 8
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	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

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Height (m)		E _{max} (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	4000K / 6500K		
				20°	35°	60°
100 Pro TW	23W	28W	ProART CRI~95	2290	2290	2290

Data are based on maximum output at highest CCT (5500K).
4000K will have a nominal data value of 5% lower than published.
2700K will have a nominal data value of 10% lower than published.
1800K 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°	tuneWHITE 1800K-4000K	PA	ProART	DT8	DALI DT8
		35°	tuneWHITE 2700K-5500K				
		60°					

example: ELR100P.35.TW2755.PA.DT8