

# 100 PRO tuneWHITE

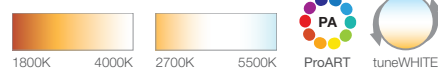
## 23W TUNABLE WHITE LED MODULE



### AVAILABLE OPTIONS

#### LED MODULE

tuneWHITE



#### DRIVER DIMMING



(DT8)

### TECHNOLOGY AND FEATURES



Advanced Thermal Protection System

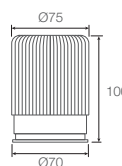


Low Flicker, No Risk (IEEE 1789)



Converging Optical Lens Maximising LOR

### DIMENSIONS (MM)



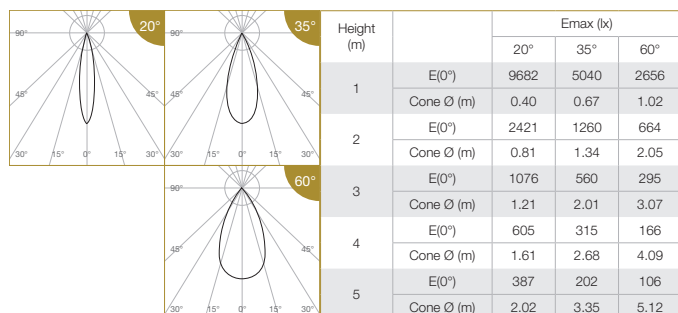
L171 x W43.5 x H32

SPECIFICATIONS

Family Type	100 Series
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	tuneWHITE 1800K - 4000K, tuneWHITE 2700K - 5500K
CRI	ProART (CRI~95)
SDCM	2 step MacAdam ellipse binning

Ingress Protection	IP54 (LED module only)
Weight	430g (LED module), 237g (driver)
Dimming	DALI device type 8
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

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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			
LED Power	Beam Angle	Colour Temp	CRI
ELR100P.23	23W	20°	TW1840 tuneWHITE 1800K-4000K TW2755 tuneWHITE 2700K-5500K
		35°	
		60°	
			PA ProART

example: ELR100P.23.35.TW2755.PA

Driver				
Type	Dimming	Output Power	Colour Temp	
MP.DRA	Modular Pro ATePS Driver	DT8	DALI DT8	
				23
				TW1840 tuneWHITE 1800K-4000K TW2755 tuneWHITE 2700K-5500K

example: MP.DRA.DT8.23.TW2755

Note: Please ensure that LED Power and Colour Temperature selection of LED module matches the Output Power and Colour Temperature selection of driver when ordering.