

50 PRO tuneWHITE

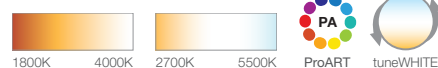
12W TUNABLE WHITE LED MODULE



AVAILABLE OPTIONS

LED MODULE

tuneWHITE



DRIVER DIMMING



(DT8)

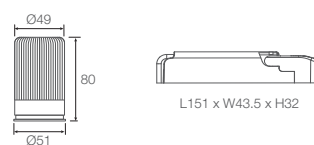
TECHNOLOGY AND FEATURES

ATEPS
Advanced Thermal Protection System

ComfyEYE
Low Flicker, No Risk (IEEE 1789)

BEAM
Converging Optical Lens Maximising LOR

DIMENSIONS (MM)

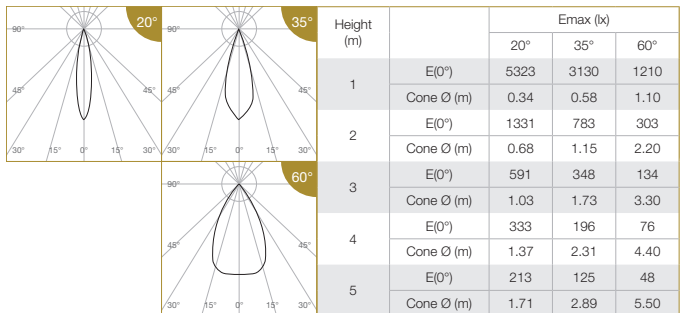


SPECIFICATIONS

Family Type	50 Series
Typical Operating Voltage	34V
Typical Operating Current	350mA
System / Input Power	14.6W
Colour	Black
Materials	Aluminium, plastic
Compatibility	Compatible with ELR size-3 fixtures or most MR16 fittings, ELR size-4 fixtures or most AR70 fittings with optional mounting brackets.
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	160g (LED module), 156g (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

50 PRO tuneWHITE



ELR Module				Luminous Flux (lm)		
Type	LED Power	System Power	CRI	5500K		
				20°	35°	60°
50 Pro TW	12W	14.6W	ProART CRI~95	1190	1190	1190

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	
ELR50P.12	20°	TW1840	PA ProART	
		tuneWHITE 1800K-4000K		
		TW2755		
	35°	tuneWHITE 2700K-5500K		
		60°		DD55
		DD80		
DD120				

Driver			
Type	Dimming	Output Power	Colour Temp
MP.DRA	DALI DT8	12 12W	TW1840 tuneWHITE 1800K-4000K TW2755 tuneWHITE 2700K-5500K

example: MP.DRA.DT8.12.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.

example: ELR50P.12.35.TW2755.PA