

# 50 PRO tuneWHITE

## 12W TUNABLE WHITE LED MODULE



### AVAILABLE OPTIONS

#### LED MODULE

tuneWHITE

1800K 4000K 2700K 5500K ProART tuneWHITE

20° 35° 60°

#### ACCESSORIES

Dome Diffuser: Ø120 Ø80 Ø55

#### DRIVER DIMMING



(DT8)

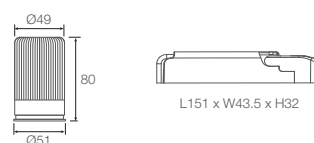
### TECHNOLOGY AND FEATURES

Advanced Thermal Protection System

Low Flicker, No Risk (IEEE 1789)

Converging Optical Lens Maximising LOR

### DIMENSIONS (MM)

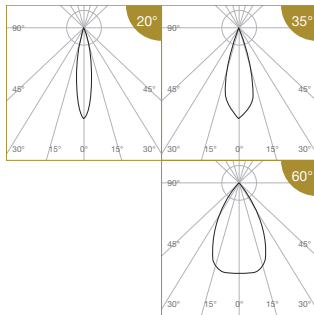


SPECIFICATIONS

Family Type	50 Series
Mains Voltage	220-240V, 50Hz
Typical Operating Voltage	34V
Typical Operating Current	350mA
Colour	Black
Installation 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 = 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, 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	160g

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Height (m)		E <sub>max</sub> (lx)		
		20°	35°	60°
1	E(0°)	5323	3130	1210
	Cone Ø (m)	0.34	0.58	1.10
2	E(0°)	1331	783	303
	Cone Ø (m)	0.68	1.15	2.20
3	E(0°)	591	348	134
	Cone Ø (m)	1.03	1.73	3.30
4	E(0°)	333	196	76
	Cone Ø (m)	1.37	2.31	4.40
5	E(0°)	213	125	48
	Cone Ø (m)	1.71	2.89	5.50

ELR Module				Luminous Flux (lm)		
Type	LED Power	System Power	CRI	5500K		
				20°	35°	60°
50 Pro TW	12W	15.2W	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				Driver			
LED Power	Beam Angle	Colour Temp	CRI	Dimming			
ELR50P	12W	20°	TW1840	PA	ProART	DT8	DALI DT8
		35°	TW2755				
	60°						
	DD55						
	DD80						
	DD120						

example: ELR50P.35.TW2755.PA.DT8