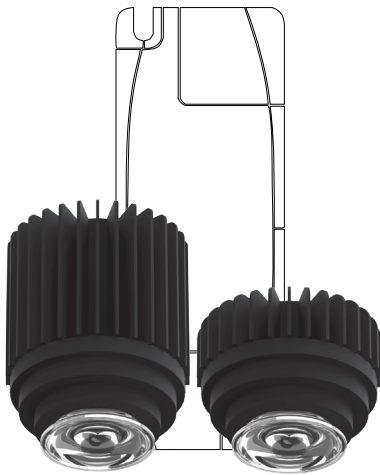


MS MODULE 3

tuneWHITE

12W / 10W / 7W / 5W TUNABLE WHITE LED MODULE



AVAILABLE OPTIONS

LED MODULE

tuneWHITE

2700K 5500K ProART tuneWHITE

DRIVER DIMMING

DMT8
DIMMABLE
(DT8)

TECHNOLOGY AND FEATURES

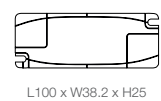
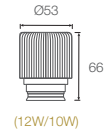


Low Flicker,
No Risk
(IEEE 1789)



Converging Optical Lens
Maximising LOR

DIMENSIONS (MM)



SPECIFICATIONS

Family Type	MS MO 3 Series
Typical Operating Voltage	35V
Typical Operating Current	350mA (12W), 300mA (10W), 200mA (7W), 150mA (5W)
System / Input Power	15W, 13W, 9W, 6.4W
Colour	Black
Materials	Aluminium, plastic
Compatibility	Compatible with ELR Modular Simplified size-3 fixtures
Lifetime	50,000 hours (80% lumen maintenance at Ta = 25°C), B10
Beam Angles	15°, 25°, 40°, 50°
Colour Temperatures	tuneWHITE 2700K - 5500K
CRI	ProART (CRI-95)
SDCM	3 step MacAdam ellipse binning

Ingress Protection	IP40 (LED module only)
Weight	200g (12W/10W LED module only), 120g (7W/5W LED module only)
Dimming	DALI device type 8
Mains Connection	Push-pin or 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	IEC60598-1, IEC 61347-2-13
Regulatory Markings	CE, CCC, RoHS

MS MODULE 3 tuneWHITE

ELR LED Module				Luminous Flux (lm)			
Type	LED Power	System Power	CRI	5500K			
				15°	25°	40°	50°
MS Module 3 TW	12W	15W	ProART CRI-95	1008	1008	1008	1008
	10W	13W	ProART CRI-95	890	890	890	890
	7W	9W	ProART CRI-95	658	658	658	658
	5W	6.4W	ProART CRI-95	500	500	500	500

Data are based on maximum output at highest CCT (5500K). 2700K will have a nominal data value of 10% 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	
MS.MO-3.12	12W	15	15°	TW2755	tuneWHITE 2700K-5500K	PA	ProART
MS.MO-3.10	10W	25	25°				
MS.MO-3.7	7W	40	40°				
MS.MO-3.5	5W	50	50°				

example: MS.MO-3.10.40.TW2755.PA

Driver					
Type		Dimming		Output Power	
MS.DRN	Modular Simplified Driver	DT8	DALI DT8	12W	12W
				10W	10W
				7W	7W
				5W	5W

example: MS.DRN.DT8.10W

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