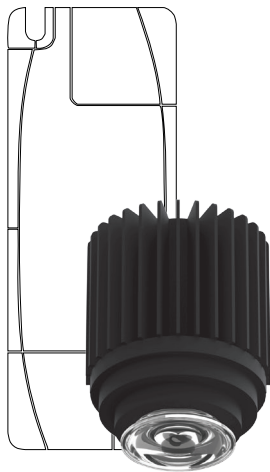


MS MODULE 3

WARM DIM

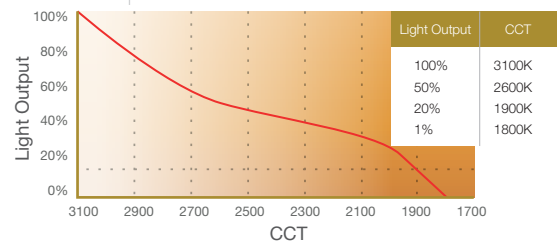
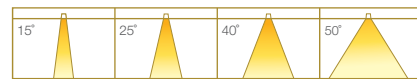
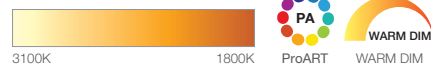
12W / 10W DIM-TO-WARM LED MODULE



AVAILABLE OPTIONS

LED MODULE

WARM DIM



DRIVER DIMMING



TECHNOLOGY AND FEATURES

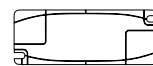
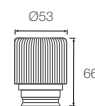


Low Flicker,
No Risk
(IEEE 1789)



Converging Optical Lens
Maximising LOR

DIMENSIONS (MM)



L100 x W38.2 x H25

SPECIFICATIONS

Family Type	MS MO 3 Series
Typical Operating Voltage	35V
Typical Operating Current	350mA (12W), 300mA (10W)
System / Input Power	15W, 13W
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	Warm Dim (3100K - 1800K)
CRI	ProART (CRI-95)
SDCM	3 step MacAdam ellipse binning

Ingress Protection	IP40 (LED module only)
Weight	200g (LED module only)
Dimming	Phase (leading & trailing edge), 0-10V, DALI
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 WARM DIM

ELR LED Module				Luminous Flux (lm)			
Type	LED Power	System Power	CRI	3100K			
				15°	25°	40°	50°
MS Module 3 WD	12W	15W	ProART CRI-95	852	852	852	852
	10W	13W	ProART CRI-95	750	750	750	750

Data are based on maximum output at 3100K.
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°	WD	Warm Dim	PA	ProART
			25°				
MS.MO-3.10	10W	25	25°				
			40°				
			50°				

example: MS.MO-3.10.40.WD.PA

Driver						
Type	Dimming		Output Power			
MS.DRN	Modular Simplified Driver	PH	Phase	12W	12W	
			AN	0-10V	10W	10W
			DA	DALI		

example: MS.DRN.DA.10W

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