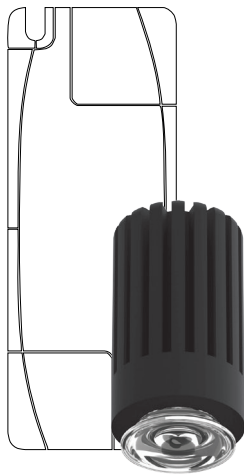


MS MODULE 2

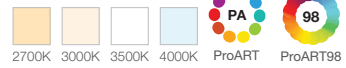
9W / 7W LED MODULE



AVAILABLE OPTIONS

LED MODULE

SINGLE CCT



DRIVER DIMMING



TECHNOLOGY AND FEATURES



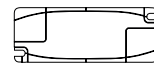
ComfyEYE

Low Flicker,
No Risk
(IEEE 1789)



Converging Optical Lens
Maximising LOR

DIMENSIONS (MM)



L100 x W38.2 x H25

SPECIFICATIONS

Family Type	MS MO 2 Series
Typical Operating Voltage	35V
Typical Operating Current	250mA (9W), 200mA (7W)
System / Input Power	11W, 9W
Colour	Black
Materials	Aluminium, plastic
Compatibility	Compatible with ELR Modular Simplified size-2 fixtures
Lifetime	50,000 hours (80% lumen maintenance at Ta = 25°C), B10
Beam Angles	20°, 35°, 50°
Colour Temperatures	2700K, 3000K, 3500K, 4000K
CRI	ProART (CRI-95), ProART98 (CRI-98)
SDCM	3 step MacAdam ellipse binning

Ingress Protection	IP40 (LED module only)
Weight	140g (LED module only)
Dimming	Non-dim, 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 2 SINGLE CCT

ELR LED Module			Luminous Flux (lm)			
Type	LED Power	System Power	CRI	3000K		
				15°	35°	60°
MS Module 2	9W	11W	ProART CRI-95	900	900	900
			ProART98 CRI-98	741	741	741
	7W	9W	ProART CRI-95	700	700	700
			ProART98 CRI-98	576	576	576

Data are based on 3000K (ProART CRI-95). Nominal data of 2700K and 3500K are shared with 3000K.
Higher CCT of 4000K will have a nominal data value of 5% higher than published. (f = 1.05)
ProART98 CRI-98 will have a nominal data value of 18% lower than published. (f = 0.82)
Nominal CRI-95, equals to Ra>90-97, R9>50
Nominal CRI-98, equals to Ra>97-99, R9>93

ORDERING MATRIX CHART

LED Module						
LED Power	Beam Angle		Colour Temp		CRI	
MS.MO-2.9	9W	20	20°	27	2700K	PA ProART
		35	35°	30	3000K	PP ProART98
MS.MO-2.7	7W	50	50°	35	3500K	
				40	4000K	

example: MS.MO-2.9.20.27.PA.DA

Driver				
Type	Dimming	Output Power		
MS.DRN Modular Simplified Driver	ND Non-Dim	9W	9W	
	PH Phase	7W	7W	
	AN 0-10V			
	DA DALI			

example: MS.DRN.DA.9W

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