

COIN

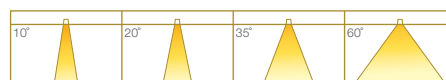
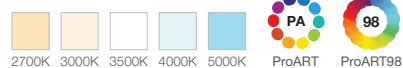
4.5W LOW HEIGHT LED MODULE



AVAILABLE OPTIONS

LED MODULE

SINGLE CCT



DRIVER DIMMING



TECHNOLOGY AND FEATURES

Advanced Thermal Protection System

Low Flicker, No Risk (IEEE 1789)

Converging Optical Lens Maximising LOR

DIMENSIONS (MM)



SPECIFICATIONS

Family Type	COIN Series
Typical Operating Voltage	34V
Typical Operating Current	130mA
System / Input Power	5.5W
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	10°, 20°, 35°, 60°
Colour Temperatures	2700K, 3000K, 3500K, 4000K, 5000K
CRI	High Efficiency ProART (CRI~95), ProART98 (CRI~98)
SDCM	2 step MacAdam ellipse binning

Ingress Protection	IP40 for 10° beam, IP54 for 20°/35°/60° beam (LED module only)
Weight	60g (LED module), 92g (driver)
Dimming	Non-dim, phase (leading & trailing edge), 0-10V, DALI
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

COIN SINGLE CCT

Height (m)		Emax (x)			
		10°	20°	35°	60°
1	E(0°)	3943	2717	1598	618
	Cone Ø (m)	0.19	0.34	0.58	1.10
2	E(0°)	986	679	400	154
	Cone Ø (m)	0.37	0.68	1.15	2.20
3	E(0°)	438	302	178	69
	Cone Ø (m)	0.56	1.03	1.73	3.30
4	E(0°)	246	170	100	39
	Cone Ø (m)	0.74	1.37	2.31	4.40
5	E(0°)	158	109	64	25
	Cone Ø (m)	0.93	1.71	2.89	5.50

ELR LED Module				Luminous Flux (lm)			
Type	LED Power	System Power	CRI	3000K			
				10°	20°	35°	60°
COIN	4.5W	5.5W	High Efficiency ProART CRI~95	495	608	608	608
			ProART98 CRI~98	332	407	407	407

Data are based on 3000K (High Efficiency ProART CRI~95). Nominal data of 2700K and 3500K are shared with 3000K. Higher CCT of 4000K and 5000K will have a nominal data value of 5% higher than published. (f = 1.05)
ProART98 CRI~98 will have a nominal data value of 33% lower than published. (f = 0.67)
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	
ELRCOIN.4	4.5W	10	10°	27	2700K	PA	ProART
			20	20°	30	3000K	PP
		35	35°	35	3500K		
		60	60°	40	4000K		
		DD55	Ø55mm Dome Diffuser	50	5000K		
		DD80	Ø80mm Dome Diffuser				
DD120	Ø120mm Dome Diffuser						

example: ELRCOIN.4.20.40.PA

Driver					
Type		Dimming		Output Power	
MP.DRA	Modular Pro ATePS Driver	ND	Non-Dim	4	4.5W
		PH	Phase		
		AN	0-10V		
		DA	DALI		

example: MP.DRA.DA.4

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