

# COIN 24CV

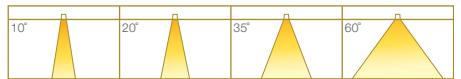
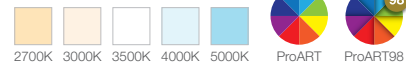
4.5W 24V DC CONSTANT VOLTAGE LOW HEIGHT LED MODULE



## AVAILABLE OPTIONS

### LED MODULE

SINGLE CCT



### ACCESSORIES



### DRIVER DIMMING

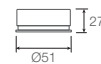


## TECHNOLOGY AND FEATURES



Converging Optical Lens  
Maximising LOR

## DIMENSIONS (MM)



SPECIFICATIONS

Family Type	COIN Series
Input Voltage	24V DC Constant Voltage
Input Power	4.5W
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	10°, 20°, 35°, 60°
Colour Temperatures	2700K, 3000K, 3500K, 4000K, 5000K
CRI	High Efficiency (CRI~85), ProART (CRI~95), ProART98 (CRI~98)
SDCM	2 step MacAdam ellipse binning

Driver (Dimming)	Compatible with non-dim or phase (leading & trailing edge), 0-10V, DALI, DMX dimmable 24V DC constant voltage drivers
Materials	Aluminium, plastic
Fire Safety	Glow wire test 850°C, UL94V-0, VW-1
Flammability Mark	F
Ingress Protection	IP40 for 10° beam, IP54 for 20°/35°/60° beam (module only)
Standards	IEC 62031
Regulatory Markings	CE, RoHS
Weight	60g

COIN 24CV

Height (m)		Emax (lx)			
		10°	20°	35°	60°
1	E(0°)	2508	1557	916	354
	Cone Ø (m)	0.19	0.34	0.58	1.10
2	E(0°)	627	389	229	89
	Cone Ø (m)	0.37	0.68	1.15	2.20
3	E(0°)	279	173	102	39
	Cone Ø (m)	0.56	1.03	1.73	3.30
4	E(0°)	157	97	57	22
	Cone Ø (m)	0.74	1.37	2.31	4.40
5	E(0°)	100	62	37	14
	Cone Ø (m)	0.93	1.71	2.89	5.50

ELR LED Module			Luminous Flux (lm)			
Type	Input Power	CRI	3000K			
COIN 24CV	4.5W	High Efficiency CRI~85	10°	20°	35°	60°
		ProART CRI~95	315	349	349	349
		ProART98 CRI~98	259	287	287	287

Data are based on 3000K (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)  
 High Efficiency CRI~85 will have a nominal data value of 15% higher than published. (f = 1.17)  
 ProART98 CRI~98 will have a nominal data value of 18% lower than published. (f = 0.82)  
 Nominal CRI~85, equals to Ra>80~87, R9>0  
 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							
Input Power		Beam Angle		Colour Temp		CRI	
ELRCOIN-24CV	4.5W	10	10°	27	2700K	HE	Ra~85
			20	30	3000K	PA	ProART
		35	35°	35	3500K	PP	ProART98
			60	40	4000K		
		DD55	Ø55mm Dome Diffuser	50	5000K		
		DD80	Ø80mm Dome Diffuser				
DD120	Ø120mm Dome Diffuser						

example: ELRCOIN-24CV.20.30.PA  
 \*Drivers for 24CV LED modules are sold separately.