

## COIN MODULE

4.5W LOW HEIGHT LED  
MODULE



- Feather weight construction, ~60 grams
- Class 2 LED module with external LED driver
- >120 lm/W module
- Colour rendering index, ProART Ra~95, Standard Ra~85
- 3 steps MacAdam ellipse binning
- ATePS smart thermal dimming to protect LED lifetime\*
- ComfyEYE aspect provides high quality uniform and comfort light with low stroboscopic optical flicker less than 5%\*\*
- X-Beam converging optical lens maximises luminaire light output ratio
- IP40 for 10° beam module, IP54 for 20°/35°/60° beam module



The information above is at nominal values accuracy of +/-7%.

\*ATEPS™ Automated Thermal Protection System is the trademark of ELR.

\*\* Optical flicker percentage is measured at maximum output.

### APPLICATION

- Hotel and galleries
- Offices
- Retail, fashion stores and showroom
- Residential

### TECHNOLOGY BENEFITS

- Superior light rendering quality offering balanced white with embedded green and red tone
- Excellent cost savings and quicker ROI
- Quick installation, no costly modification required
- Low maintenance
- Comfort, safety and no glass

### AVAILABLE OPTIONS

#### DRIVER

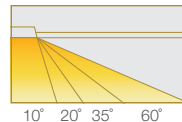


#### TEMPERATURE



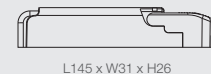
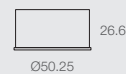
#### BEAM ANGLE

#### SINGLE CCT COIN



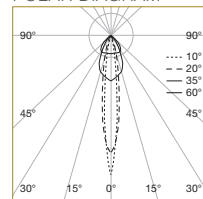
### DIMENSIONS (MM)

\*Displayed height measurements are for highest point of fitting.

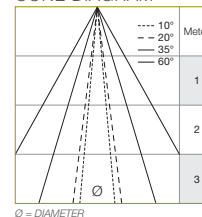


### COIN

#### POLAR DIAGRAM



#### CONE DIAGRAM



	Emax (lx)			
	10°	20°	35°	60°
E (0°)	3548	3353	1457	505
Cone DØ (m)	0.19	0.26	0.58	1.15
E (0°)	912	838	364	126
Cone DØ (m)	0.37	0.51	1.15	2.31
E (0°)	405	373	162	56
Cone DØ (m)	0.56	0.77	1.73	3.46

Ø = DIAMETER

### SYSTEM SPECIFICATIONS

LED Lamp Power	LED System Power	Colour	Beam Angle	STANDARD CRI 85		PROART CRI 95		Driver Options
				Intensity (cd)	Luminous Flux	Intensity (cd)	Luminous Flux	
4.5W	6W	WARM : 2700K	60°	500	554	425	471	ND, PH, DA, AN
		WARM : 3000K	35°	1400	554	1190	471	
		NATURAL : 3500K	20°	3300	458	2805	389	
		NATURAL : 4000K	10°	3600	458	3060	389	
		COOL : 5000K						

the table information is at nominal values accuracy of +/-7%  
 nominal CRI ~85, equal to Ra >80-87, R9 > 0  
 nominal CRI ~95, equal to Ra >90-97, R9 > 50

### DETAILS SPECIFICATION

Family Type	COIN Series
Mains voltage	220-240, 50Hz
Colour options	Black
Installation Compatibility	Compatible with most MR16 fittings. Optional AR70 and AR111 mounting brackets available.
Lifetime	50,000 hours (80% lumen maintenance at Ta = 35C°)
Dimming	Phase (triac) dimmer, 0-10V, DALI
Mains connection	100mm 2x0.75mm <sup>2</sup> double insulated wires
Materials	Aluminium, plastic
Fire safety	Glow wire test 850C, UL94V-0, VW-1
Flammability mark	F
IP code	IP40 for 10° beam module, IP54 for 20°/35°/60° beam module
Safety class	Class 2
Accessories	AR70, AR111
Standards	IEC 62031, IEC 61347-2-13
Regulatory markings	CE, CB, RCM
Weight	60g

LED Power	LED MODULE			DRIVER
	Beam Angle	Colour Temp	CRI	Dimming
<b>ELRCOIN</b> 4.5W	—	—	—	—
<b>10</b>	10°	<b>27</b> 2700K	Standard	<b>ND</b> Non-Dim
<b>20</b>	20°	<b>30</b> 3000K	<b>PA</b> ProART	<b>PH</b> Phase
<b>35</b>	35°	<b>35</b> 3500K		<b>AN</b> 0-10V
<b>60</b>	60°	<b>40</b> 4000K		<b>DA</b> DALI
		<b>50</b> 5000K		

example: ELRCOIN.20.40.PH