

## COIN WARM DIM MODULE

4.5W DIM-TO-WARM  
LOW HEIGHT LED MODULE



- Feather weight construction, ~60 grams
- Class 2 LED module with external LED driver
- >75 lm/W module
- Colour rendering index, ProART Ra~95
- 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



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

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

### APPLICATION

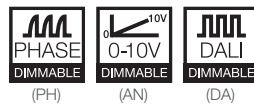
- Hotel and galleries
- Offices
- Retail, fashion stores and showroom
- Residential

### TECHNOLOGY BENEFITS

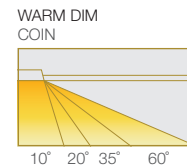
- Superior light rendering quality offering balanced white with embedded green and red tone
- Excellent cost savings and quicker ROI
- Quick installation, no costly modification required
- Low maintenance
- Comfort, safety and no glass

### AVAILABLE OPTIONS

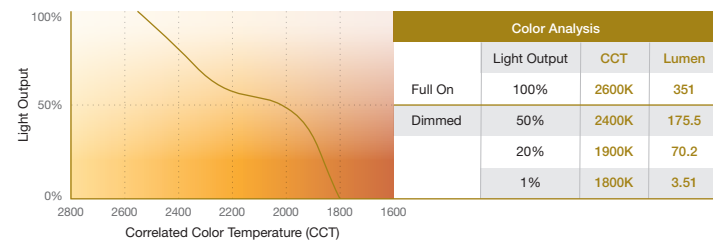
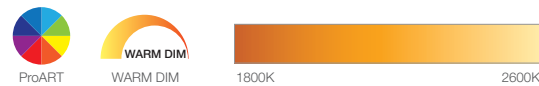
#### DRIVER



#### BEAM ANGLE

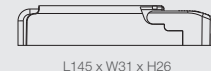
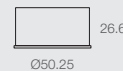


#### TEMPERATURE



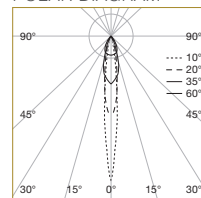
### DIMENSIONS (MM)

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

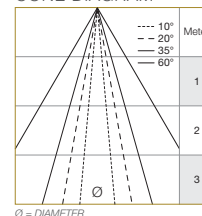


### COIN WARM DIM

#### POLAR DIAGRAM



#### CONE DIAGRAM



|             | Emax (lx) |      |      |      |
|-------------|-----------|------|------|------|
|             | 10°       | 20°  | 35°  | 60°  |
| E (0°)      | 2788      | 1566 | 921  | 319  |
| Cone DØ (m) | 0.19      | 0.34 | 0.58 | 1.15 |
| E (0°)      | 697       | 391  | 230  | 80   |
| Cone DØ (m) | 0.37      | 0.68 | 1.15 | 2.31 |
| E (0°)      | 310       | 174  | 102  | 35   |
| Cone DØ (m) | 0.56      | 1.03 | 1.73 | 3.45 |

### SYSTEM SPECIFICATIONS

| LED Lamp Power | LED System Power | Colour   | CCT           | Beam Angle | PROART CRI 95  |               | Driver Options |
|----------------|------------------|----------|---------------|------------|----------------|---------------|----------------|
|                |                  |          |               |            | Intensity (cd) | Luminous Flux |                |
| 4.5W           | 6W               | WARM DIM | 2600K ~ 1800K | 60°        | 310            | 350           | PH, DA, AN     |
|                |                  |          |               | 35°        | 920            |               |                |
|                |                  |          |               | 20°        | 1560           |               |                |
|                |                  |          |               | 10°        | 2780           |               |                |

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

### DETAILS SPECIFICATION

|                            |   |
|----------------------------|---|
| Family Type                | COIN WARM DIM Series  |
| Mains Voltage              | 220-240, 50Hz   |
| Colour options             | Black   |
| Installation Compatibility | Compatible with most MR16 fittings.<br>Optional AR70 and AR111 mounting brackets available. |
| Lifetime                   | 50,000 hours (80% lumen maintenance at Ta = 35C°), B10                                      |
| 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, WW-1  |
| Flammability mark          | F   |
| IP Code (Module Only)      | IP40  |
| Safety class               | Class 2   |
| Accessories                | AR70, AR111   |
| Standards                  | IEC 62031, IEC 61347-2-13   |
| Regulatory markings        | CE, CB, RCM   |
| Weight                     | ~ 60g   |

| LED MODULE          |            |                    |                  | DRIVER          |
|---------------------|------------|--------------------|------------------|-----------------|
| LED Power           | Beam Angle | Colour Temp        | CRI              | Dimming         |
| <b>ELRCOIN</b> 4.5W | —          | —                  | —                | —               |
| <b>10</b>           | 10°        | <b>WD</b> WARM DIM | <b>PA</b> ProART | <b>PH</b> Phase |
| <b>20</b>           | 20°        |                    |                  | <b>AN</b> 0-10V |
| <b>35</b>           | 35°        |                    |                  | <b>DA</b> DALI  |
| <b>60</b>           | 60°        |                    |                  |                 |

example: ELRCOIN.20.WD.PA.PH