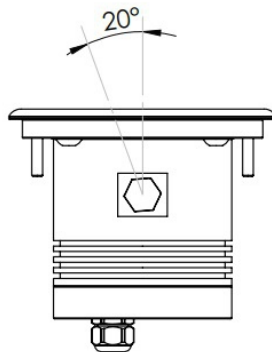


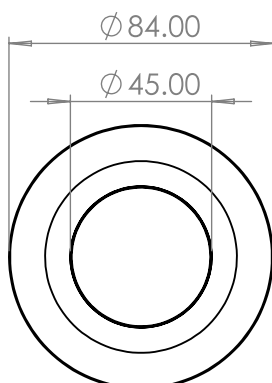
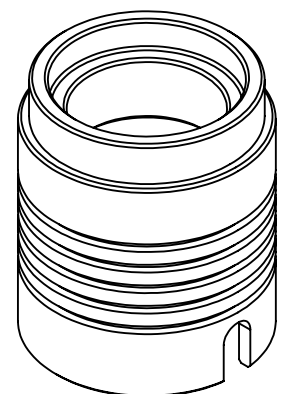
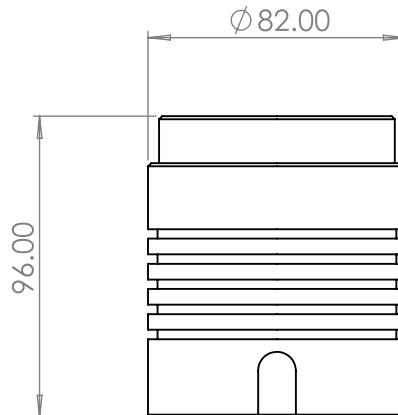
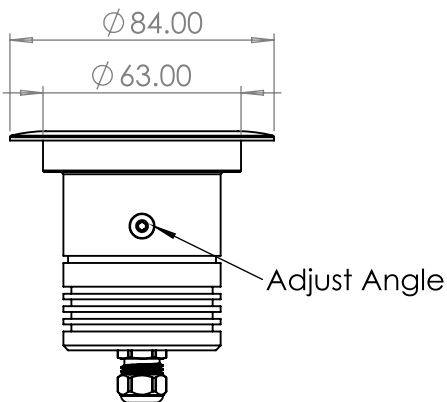


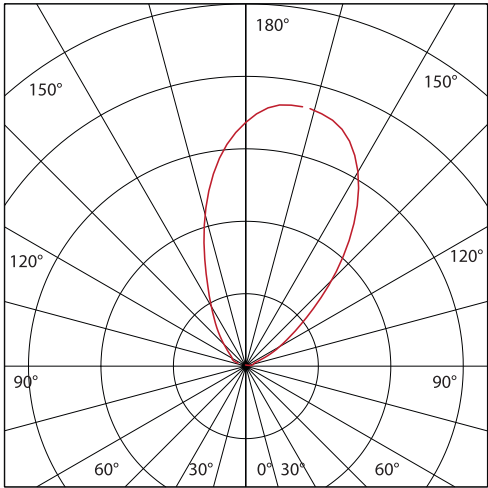
- Code Product: HKD-AS-3W
- Dimension: Ø84 x H96mm. Cut-out: Ø82mm
- Input Voltage: 24VDC
- Power consumption: 3W
- Luminous Flux: 240 Lm at 3000K, 60°
- Brand of LEDs: LED CREE
- Color: 3000K (Other color: 2700 - 6000K, RGBW)
- Beam Angle: 36° (10°, 24°, 36°, 45°, 60°) with Twin +/-20°
- Function Dimmer: PWM on Power
- Material: IP67-Body: Aluminium Anode ; Face: Stainless 316
- Finishing (Color housing): Stainless
- Class: III



- LED lifetime: 50.000hrs
- Lens: Clear
Cellular
Sand
Material PMMA with UV protection
- Standards:
 - +EMC protection
 - +IEC 62031 LED modules for general lighting Safety specifications
 - +IEC 60598 Luminaires – Parts 1+2: General requirements particular requirements and tests

CREE     **IP67**
Pending
Technical tolerance: 5%





Product Description	
Control Gear	Fairchild Technology
LED Module	High-power LEDs on metal-core PCB. Collimating lens made of optical polymer/pmma
Anti-Glare	Option
Electrical Protection	EMC, inrush current
Electrical Class	3

INSTALLATION INSTRUCTIONS

1

Diagram 1 shows a cross-section of a hole being prepared in a concrete surface. The hole has a diameter of $\varnothing 106$ and a depth of 110. A drainage pipe with a diameter of $\varnothing 12$ is shown at the bottom of the hole.

2

Diagram 2 shows the light fixture being inserted into the hole. The fixture is shown with its cable connection (using IP rated connectors) and the concrete surface.

3

Diagram 3 shows the hole being sealed with a water seepage layer. The layer is shown as a gravel seepage layer or a pre-installed drainage pipe under the installation position. The lamp is not suitable for installation at long-term water soaked position.

Note for IP67:
Water Seepage layer
there must be more than 20 cm
gravel seepage layer or
Pre-installed drainage pipe under
ther installation position.
Lamp are not suitable for installation
at long-term water soaked position

4

Diagram 4 shows the final installation of the light fixture. The fixture is shown with its cable connection and the concrete surface.

