Kingfisher Lighting
A division of the LUCECO group

# Datasheet

# CIRECO

## Specification Text

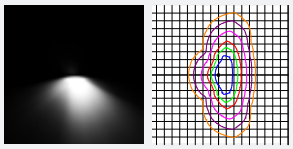
The CIRECO shall be manufactured from high-pressure die-cast aluminium and powder coated with a RAL 7016 Anthracite Grey marine grade finish. It shall have a power output ranging between 25.0 - 75.0W, with an efficacy from 132.0 - 152.0lm/W. It shall deliver 3,561 - 10,925 luminaire lumens. The CIRECO has a range of different optics to suit pathways, roadways and open area applications with a fully programmable DALI driver. Available in 2700K and 4000K, the luminaire shall be IK08 and IP66 rated with photocell and controls options available.

## Specification

| | |
|---|---|
| Weight: | 6.2 kg |
| Windage | 0.09 $m^2$ |
| Material: | Die-cast Aluminium |
| Paint Finish: | RAL7016 Anthracite Grey |

Embodied Carbon: 107 kg $CO^2e$

## Optics



**Street Optic 70°**
Asymmetric specifically designed for street and pathway applications

## Product Description

Created with sustainability in mind, CIRECO has been designed surrounding the circular economy model and supports the ethos of 'reduce, reuse, recycle'. Utilising innovative LED technology this sleek luminaire is the perfect solution for illumination of street and pathway applications.

## Key Features

- 25.0W - 75.0W
- 3,561 - 10,925 Luminaire Lumens
- Efficacy up to 152.0 lm/W
- 2700K, 4000K, CRI>70
- IP66 & IK08
- Lifetime < 100,000hrs, L80, B20
- Comfort Options
- Dim to Warm Options
- Zhaga Opportunities

IP66 | IK08 | Colour Temperature | 100,000 hrs LIFETIME | 5 YEARS WARRANTY

PEC | 2700K | 4000K | DIM | Control Compatible

| Circular Economy Score | |
|---|---|
| 0 to 0.05 | Very poor circular economy performance |
| 0.5 to 1.5 | Some circular economy functionality |
| 1.5 to 2.5 | Definite/substantial progress to circularity |
| 2.5 to 4.0 | Excellent circularity |

## Other Options Available

Contact for further details

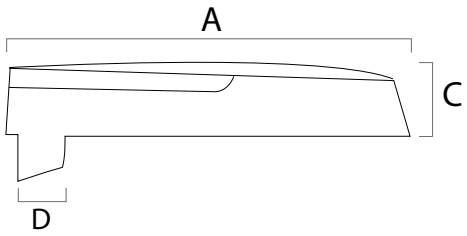
- Photocell Options
- Dim to Warm
- Controls Compatible

## Mounting Options

- Post Top 60mm

| Body Type | A | B | C | D |
|---|---|---|---|---|
| Standard | 521 | 360 | 95 | 60 |

All measurements in mm




| Code | Power (W) | Luminaire Lumens (lm) | Drive Current (mA) | Inrush Current (A pk) | Optic | CCT(K) | IP | IK | Weight (kg) | Driver Included | Driver Type |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CIR-AY70-4.10-25D | 25.0 | 3,804 | 1,000 | 15.0 | Asym. Street Optic - 70° | 4000 | IP66 | IK08 | 6.2 | Yes | DALI |
| CIR-AY70-27.10-25D | 25.0 | 3,561 | 1,000 | 15.0 | | 2700 | IP66 | IK08 | 6.2 | Yes | DALI |
| CIR-AY70-4.8-40D | 40.0 | 5,714 | 790 | 20.3 | | 4000 | IP66 | IK08 | 6.2 | Yes | DALI |
| CIR-AY70-27.8-40D | 40.0 | 5,383 | 790 | 20.3 | | 2700 | IP66 | IK08 | 6.2 | Yes | DALI |
| CIR-AY70-4.6-60D | 60.0 | 9,009 | 610 | 28.4 | | 4000 | IP66 | IK08 | 6.2 | Yes | DALI |
| CIR-AY70-27.6-60D | 60.0 | 8,640 | 610 | 28.4 | | 2700 | IP66 | IK08 | 6.2 | Yes | DALI |
| CIR-AY70-4.8-75D | 75.0 | 10,925 | 750 | 38.0 | | 4000 | IP66 | IK08 | 6.2 | Yes | DALI |
| CIR-AY70-27.8-75D | 75.0 | 10,302 | 750 | 38.0 | | 2700 | IP66 | IK08 | 6.2 | Yes | DALI |