

# Datasheet

## ARYA



### Specification Text

The ARYA luminaire shall be manufactured from high-pressure die-cast aluminium and powder coated with a graphite grey finish. It shall have a power output of 11.9 - 52.3W, with an efficacy from 61 - 169 lm/W. It shall deliver 1,430 - 7,080 luminaire lumens. The ARYA shall create a comfortable low glare illumination with distributions to suit pathways, urban areas and public area lighting. It shall have a fully programmable DALI driver. The luminaire shall come in 2700K, 3000K and 4000K and be IK08 and IP66 rated and is available in post top, catenary and suspended options.

For DarkSky Specifications, the luminaire shall produce a CCT of 2700K.



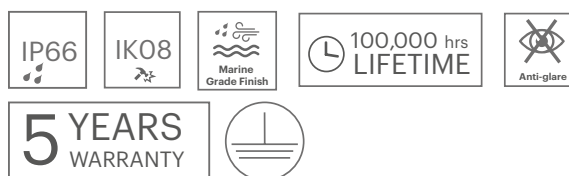
### Product Description

A sleek amenity fitting suited to an urban environment.



### Key Features

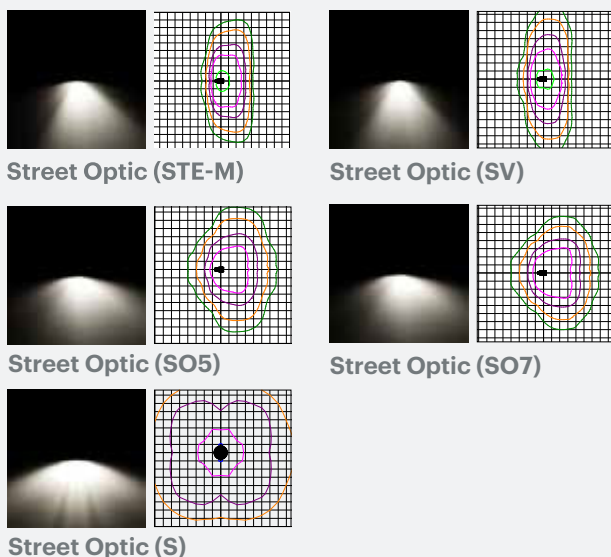
- 11.9W - 52.3W
- 1,430 - 7,080 Luminaire Lumens
- Efficacy up to 169 lm/W
- 2700K, 3000K, 4000K, CRI>70
- IP66, IK08
- Lifetime < 100,000hrs, L90
- Hyper Comfort Optics Available
- Multiple Bracketry Options
- Constant Light Output



### Specification

|               |                                           |
|---------------|-------------------------------------------|
| Weight:       | 7.5 kg                                    |
| Windage:      | 0.05 m <sup>2</sup> - 0.17 m <sup>2</sup> |
| Material:     | Die-cast Aluminium                        |
| Paint Finish: | Graphite Grey                             |

### Optics



## Other Options Available

Contact for further details

- Colour Temperature Options

## Mounting Options

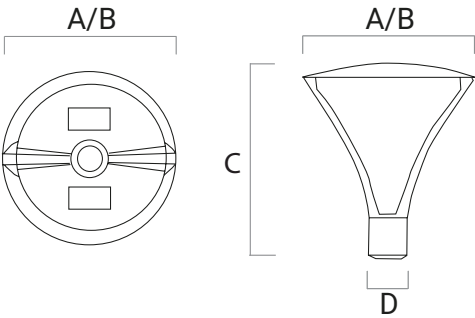
- Post Top 76mm
- Suspended 1/2" Gas Connection Catenary

## Dimming Options

- Constant Light Output
- Programmable
- Part Night Dimming
- Step Dimming

| Body Type           | A   | B   | C   | D  |
|---------------------|-----|-----|-----|----|
| Standard TP Version | 470 | 470 | 520 | 76 |

All measurements in mm



| Code                         | Power (W) | Luminaire Lumens (lm) | Drive Current (mA) | Optic                | CCT(K) | IP   | IK   | Weight (kg) | Driver Included | Driver Type |
|------------------------------|-----------|-----------------------|--------------------|----------------------|--------|------|------|-------------|-----------------|-------------|
| ARY-PEN-TP-STE-M-4.060-1M1F  | 11.9      | 1,610                 | 300                | Street Optic (STE-M) | 4000   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-STE-M-4.060-2M1F  | 23.0      | 3,150                 | 300                |                      | 4000   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-STE-M-4.100-1M1F  | 19.1      | 2,640                 | 500                |                      | 4000   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-STE-M-4.100-2M1F  | 37.4      | 5,140                 | 500                |                      | 4000   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-STE-M-4.140-1M1F  | 26.8      | 3,650                 | 700                |                      | 4000   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-STE-M-4.140-2M1F  | 52.3      | 7,050                 | 700                |                      | 4000   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-STE-M-27.060-1M1F | 11.9      | 1,450                 | 300                |                      | 2700   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-STE-M-27.060-2M1F | 23.0      | 2,840                 | 300                |                      | 2700   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-STE-M-27.100-1M1F | 19.1      | 2,380                 | 500                |                      | 2700   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-STE-M-27.100-2M1F | 37.4      | 4,630                 | 500                |                      | 2700   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-STE-M-27.140-1M1F | 26.8      | 3,290                 | 700                |                      | 2700   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-STE-M-27.140-2M1F | 52.3      | 6,350                 | 700                |                      | 2700   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-SV-4.060-1M1F     | 11.9      | 1,610                 | 300                | Street Optic (SV)    | 4000   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-SV-4.060-2M1F     | 23.0      | 3,150                 | 300                |                      | 4000   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-SV-4.100-1M1F     | 19.1      | 2,640                 | 500                |                      | 4000   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-SV-4.100-2M1F     | 37.4      | 5,140                 | 500                |                      | 4000   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-SV-4.140-1M1F     | 26.8      | 3,650                 | 700                |                      | 4000   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-SV-4.140-2M1F     | 52.3      | 7,050                 | 700                |                      | 4000   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-SV-27.060-1M1F    | 11.9      | 1,450                 | 300                |                      | 2700   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-SV-27.060-2M1F    | 23.0      | 2,840                 | 300                |                      | 2700   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-SV-27.100-1M1F    | 19.1      | 2,380                 | 500                |                      | 2700   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-SV-27.100-2M1F    | 37.4      | 4,630                 | 500                |                      | 2700   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-SV-27.140-1M1F    | 26.8      | 3,290                 | 700                |                      | 2700   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-SV-27.140-2M1F    | 52.3      | 6,350                 | 700                |                      | 2700   | IP66 | IK08 | 7.5         | Yes             | DALI        |

| Code                       | Power (W) | Luminaire Lumens (lm) | Drive Current (mA) | Optic              | CCT(K) | IP   | IK   | Weight (kg) | Driver Included | Driver Type |
|----------------------------|-----------|-----------------------|--------------------|--------------------|--------|------|------|-------------|-----------------|-------------|
| ARY-PEN-TP-SO5-4.060-1M1F  | 11.9      | 1,590                 | 300                | Street Optic (SO5) | 4000   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-SO5-4.060-2M1F  | 23.0      | 3,080                 | 300                |                    | 4000   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-SO5-4.100-1M1F  | 19.1      | 2,590                 | 500                |                    | 4000   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-SO5-4.100-2M1F  | 37.4      | 5,020                 | 500                |                    | 4000   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-SO5-4.140-1M1F  | 26.8      | 3,560                 | 700                |                    | 4000   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-SO5-4.140-2M1F  | 52.3      | 6,890                 | 700                |                    | 4000   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-SO5-27.060-1M1F | 11.9      | 1,430                 | 300                |                    | 2700   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-SO5-27.060-2M1F | 23.0      | 2,770                 | 300                |                    | 2700   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-SO5-27.100-1M1F | 19.1      | 2,330                 | 500                |                    | 2700   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-SO5-27.100-2M1F | 37.4      | 4,520                 | 500                |                    | 2700   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-SO5-27.140-1M1F | 26.8      | 3,200                 | 700                |                    | 2700   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-SO5-27.140-2M1F | 52.3      | 6,200                 | 700                |                    | 2700   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-SO7-4.060-1M1F  | 11.9      | 1,590                 | 300                | Street Optic (SO7) | 4000   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-SO7-4.060-2M1F  | 23.0      | 3,080                 | 300                |                    | 4000   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-SO7-4.100-1M1F  | 19.1      | 2,590                 | 500                |                    | 4000   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-SO7-4.100-2M1F  | 37.4      | 5,020                 | 500                |                    | 4000   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-SO7-4.140-1M1F  | 26.8      | 3,560                 | 700                |                    | 4000   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-SO7-4.140-2M1F  | 52.3      | 6,890                 | 700                |                    | 4000   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-SO7-27.060-1M1F | 11.9      | 1,430                 | 300                |                    | 2700   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-SO7-27.060-2M1F | 23.0      | 1,430                 | 300                |                    | 2700   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-SO7-27.100-1M1F | 19.1      | 2,770                 | 500                |                    | 2700   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-SO7-27.100-2M1F | 37.4      | 2,330                 | 500                |                    | 2700   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-SO7-27.140-1M1F | 26.8      | 4,520                 | 700                |                    | 2700   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-SO7-27.140-2M1F | 52.3      | 3,200                 | 700                |                    | 2700   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-S-4.060-2M1F    | 23.0      | 3,160                 | 300                | Street Optic (S)   | 4000   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-S-4.100-2M1F    | 37.4      | 5,160                 | 500                |                    | 4000   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-S-4.140-2M1F    | 52.3      | 7,080                 | 700                |                    | 4000   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-S-27.060-2M1F   | 23.0      | 2,850                 | 300                |                    | 2700   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-S-27.100-2M1F   | 37.4      | 4,640                 | 500                |                    | 2700   | IP66 | IK08 | 7.5         | Yes             | DALI        |
| ARY-PEN-TP-S-27.140-2M1F   | 52.3      | 6,370                 | 700                |                    | 2700   | IP66 | IK08 | 7.5         | Yes             | DALI        |