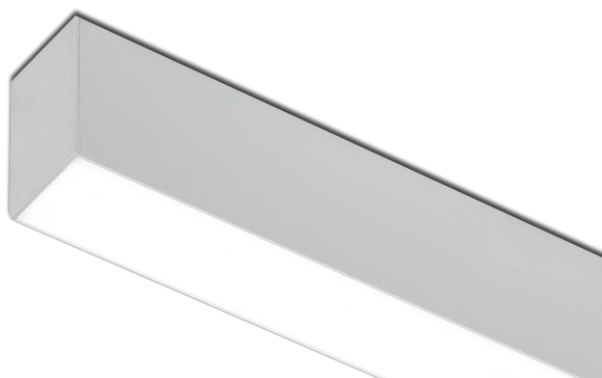


# Jaguar DI



The Jaguar DI Direct/Indirect is a linear luminaire which can be supplied in continuous lengths of 70mm increments. Continuous lengths of multiple runs come as standard with a 'through wiring' loom meaning that only the start module of the run requires termination.

The DLOR & ULOR of the Jaguar DI is can be programmed independently to give a fully customisable uplight to downlight ratio such as 90/10, 70/30 and 50/50.

The Jaguar Direct luminaire is built in a modular system for ease of installation and maintenance. All the electronic gear and wiring is housed on a removable gear tray separate from the main body and retained by sprung metal clips.

## Product

|            |          |
|------------|----------|
| Standalone | JAG/DI/0 |
| Start      | JAG/DI/1 |
| Middle     | JAG/DI/2 |
| End        | JAG/DI/3 |
| Corner     | JAG/DI/4 |
| Cross      | JAG/DI/5 |

## Diffuser Option

|           |     |
|-----------|-----|
| Opal      | /F2 |
| Prismatic | /P1 |

## Colour Temperature

|               |     |
|---------------|-----|
| 3000K         | /3K |
| 4000K         | /4K |
| 6500K         | /6K |
| Tunable White | /TW |

## Length\*

|                                     |       |
|-------------------------------------|-------|
| 574mm to 2954mm (*See table matrix) | /**** |
|-------------------------------------|-------|

## Standard Colours\*

|                                               |         |
|-----------------------------------------------|---------|
| Traffic White                                 | RAL9016 |
| Pure White                                    | RAL9010 |
| Jet Black                                     | RAL9005 |
| *Other colours available upon special request |         |

## Dimming

|                         |     |
|-------------------------|-----|
| Fixed output as default |     |
| DALI dimming            | -DA |
| Switch dim/Touch dim    | -TD |
| Casambi dimming         | -CA |

## Mounting

|                                              |    |
|----------------------------------------------|----|
| Suspended - 2.0m suspension kit (adjustable) | -S |
|----------------------------------------------|----|

## Sensor

|                            |     |
|----------------------------|-----|
| PIR & Daylight             | -S1 |
| Smart Mesh, PIR & Daylight | -S2 |

## Emergency

|                                                   |     |
|---------------------------------------------------|-----|
| No emergency facility as default                  |     |
| 3 hour internal pack                              | -E1 |
| 3 hour internal pack with self-test function      | -E2 |
| 3 hour integral pack with DALI reporting function | -E3 |

| Standalone Length (mm) | Start/End Length (mm) | Middle Length (mm) | Lumen Outputs (lm)<br>(Based on Prism 250mA) | Wattage (W)<br>(Based on Prism 250mA) | Performance (lm/cW)<br>(Based on Prism 250mA) |
|------------------------|-----------------------|--------------------|----------------------------------------------|---------------------------------------|-----------------------------------------------|
| 574                    | 567                   | 560                | 970                                          | 7.30                                  | 132.95                                        |
| 644                    | 637                   | 630                | 1090                                         | 8.21                                  | 132.80                                        |
| 714                    | 707                   | 700                | 1210                                         | 9.12                                  | 132.68                                        |
| 784                    | 777                   | 770                | 1330                                         | 10.03                                 | 132.58                                        |
| 854                    | 847                   | 840                | 1450                                         | 10.94                                 | 132.49                                        |
| 924                    | 917                   | 910                | 1570                                         | 11.86                                 | 132.42                                        |
| 994                    | 987                   | 980                | 1690                                         | 12.77                                 | 132.36                                        |
| 1064                   | 1057                  | 1050               | 1810                                         | 13.68                                 | 132.31                                        |
| 1134                   | 1127                  | 1120               | 1930                                         | 14.59                                 | 132.26                                        |
| 1204                   | 1197                  | 1190               | 2050                                         | 15.50                                 | 132.22                                        |
| 1274                   | 1267                  | 1260               | 2170                                         | 16.42                                 | 132.19                                        |
| 1344                   | 1337                  | 1330               | 2290                                         | 17.33                                 | 132.16                                        |
| 1414                   | 1407                  | 1400               | 2410                                         | 18.24                                 | 132.13                                        |
| 1484                   | 1477                  | 1470               | 2530                                         | 19.15                                 | 132.10                                        |
| 1554                   | 1547                  | 1540               | 2650                                         | 20.06                                 | 132.08                                        |
| 1624                   | 1617                  | 1610               | 2770                                         | 20.98                                 | 132.06                                        |
| 1694                   | 1687                  | 1680               | 2890                                         | 21.89                                 | 132.04                                        |
| 1764                   | 1757                  | 1750               | 3007                                         | 22.80                                 | 131.89                                        |
| 1834                   | 1827                  | 1820               | 3130                                         | 23.71                                 | 132.00                                        |
| 1904                   | 1897                  | 1890               | 3250                                         | 24.62                                 | 131.99                                        |
| 1974                   | 1967                  | 1960               | 3370                                         | 25.54                                 | 131.97                                        |
| 2044                   | 2037                  | 2030               | 3490                                         | 26.45                                 | 131.96                                        |
| 2114                   | 2107                  | 2100               | 3610                                         | 27.36                                 | 131.94                                        |
| 2184                   | 2177                  | 2170               | 3730                                         | 28.27                                 | 131.93                                        |
| 2254                   | 2247                  | 2240               | 3850                                         | 29.18                                 | 131.92                                        |
| 2324                   | 2317                  | 2310               | 3970                                         | 30.10                                 | 131.91                                        |
| 2394                   | 2387                  | 2380               | 4090                                         | 31.01                                 | 131.90                                        |
| 2464                   | 2457                  | 2450               | 4210                                         | 31.92                                 | 131.89                                        |
| 2534                   | 2527                  | 2520               | 4340                                         | 32.83                                 | 132.19                                        |
| 2604                   | 2597                  | 2590               | 4460                                         | 33.74                                 | 132.17                                        |
| 2674                   | 2667                  | 2660               | 4580                                         | 34.66                                 | 132.16                                        |
| 2744                   | 2737                  | 2730               | 4700                                         | 35.57                                 | 132.14                                        |
| 2814                   | 2807                  | 2800               | 4820                                         | 36.48                                 | 132.13                                        |
| 2884                   | 2877                  | 2870               | 4940                                         | 37.39                                 | 132.11                                        |
| 2954                   | 2947                  | 2940               | 5060                                         | 38.30                                 | 132.10                                        |

## Lighting Data

|                        |                         |
|------------------------|-------------------------|
| CCT                    | 3000K<br>4000K<br>6500K |
| Light Source           | SMD                     |
| SDCM                   | 3                       |
| Longevity (L70/B10)    | 70,000 Hours            |
| Colour Rendering (CRI) | 80                      |
| UGR                    | <19.0                   |

## Technical Data

|                       |                                             |
|-----------------------|---------------------------------------------|
| IP Rating             | IP20                                        |
| Construction          | Aluminium Body<br>Polycarbonate<br>Diffuser |
| RAL colour (standard) | 9016<br>9010<br>9005                        |
| Mounting Method       | 2m Suspension                               |
| Protective class      | 1                                           |
| Warranty              | 5 Years                                     |
| Certification         | UKCA, CE, ROHS                              |

## Electrical Data

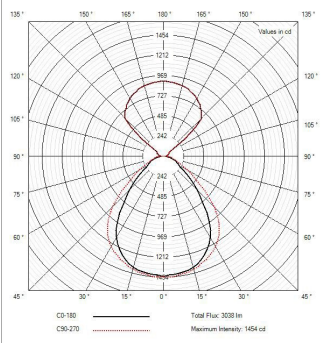
|                                           |            |
|-------------------------------------------|------------|
| Rated Supply Voltage                      | 220–240 V  |
| AC Voltage Range                          | 198–264 V  |
| Mains Frequency                           | 50/60 Hz   |
| Output LF current ripple @ 2KHz (Flicker) | <4%        |
| Overvoltage Protection                    | 320 V      |
| In-rush Current                           | 20.9 A     |
| THD                                       | <10%       |
| Power Factor                              | 98%        |
| Parasitic Load                            | 1.25W      |
| Operating Temperature                     | -25 +60 °C |

## Emergency Data

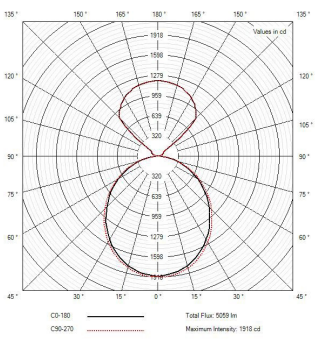
|                       |                                  |
|-----------------------|----------------------------------|
| Emergency Duration    | 3 Hours                          |
| Recharge Period       | 24 Hours                         |
| Battery Type          | LiFePO4 (Lithium Iron Phosphate) |
| Battery Pack          | 3 x 3.2V 1.5Ah                   |
| Parasitic Load        | 1.2W                             |
| Operating Temperature | 0–60 °C                          |
| Power Efficiency      | 95%                              |
| Certification         | CE, ROHS                         |

## Standard Photometry

Prism P1



Opal F2



## Dimensions

|                |                                                           |
|----------------|-----------------------------------------------------------|
| Fixing Centres | Adjustable -<br>Length of profile                         |
| Dimensions     | 50 x 75mm profile section<br>574 to 2814mm profile length |
| Weight         | 3.8 kg/m                                                  |

