

Sports Lighting

Belmont Linear High Bay 180W 5000K 60° Optic Grey

IP65

50,000  
Hours

5 YR  
Warranty

Flicker  
Free

tru  
Smart  
Enabled

IK10

ATG  
D

UK  
CA

CE

Fresnel optics for improved glare controlTough, Impact resistant IK10 housing, Plug & Play Options:, Grafham High Output Emergency Pack, Alwen Zhaga Microwave sensor, Alwen Zhaga PIR Sensor, Alwen Zhaga truSmart PIR sensor



General Data

|                                |                        |
|--------------------------------|------------------------|
| Technology                     | LED                    |
| Mounting options               | Mounting   Fixed       |
| Electrical Connector Type      | Flying Lead            |
| Install Options                | Suspension   Bracket   |
| Input Cable                    | 1.5m H05RN-F 3-Core    |
| Input Electrical Connection    | Live   Neutral   Earth |
| General Application            | Industrial             |
| Operating Temperature Range °C | -30 - +50              |
| Warranty (Years)               | 5                      |

430242-60

Technical Specification

## Optical Data

|                                  |       |
|----------------------------------|-------|
| LED Manufacturer / Type          | Seoul |
| Fixture Luminous Flux (Lm)       | 27965 |
| Luminaire Efficacy @5000K (lm/W) | 154   |
| LOR %                            | 100   |
| Colour Selectable                | No    |
| Beam Angle°                      | 60    |
| Photobiological Risk Group       | RG1   |

## Light Source Data

|                        |          |
|------------------------|----------|
| Energy Class           | D        |
| Lm/W                   | 154      |
| Colour Temperature (K) | 5000     |
| Light Colour           | Daylight |
| CRI Ra                 | 80       |

430242-60

## Technical Specification

## Electrical Data

|                                         |                  |
|-----------------------------------------|------------------|
| <b>Wattage (W)</b>                      | 180              |
| <b>Total Power Consumption (W)</b>      | 181.1            |
| <b>Mains voltage (V)</b>                | 100 - 240        |
| <b>Lamp power factor</b>                | >92              |
| <b>Electrical protection</b>            | Class I          |
| <b>Driver Output (V)</b>                | 95 - 190         |
| <b>Driver Output Current (mA)</b>       | 0.35 - 1.5       |
| <b>Control Gear Type CC or CV</b>       | Constant Current |
| <b>Dimmable</b>                         | Yes              |
| <b>Dimmable Type</b>                    | 0 - 10           |
| <b>Driver Brand</b>                     | Sosen            |
| <b>Nominal Frequency (Hz)</b>           | 50/60            |
| <b>Surge Protection (kV)</b>            | 6                |
| <b>Max. Luminaire per 10A C Breaker</b> | 7                |
| <b>Max. Luminaire per 13A C Breaker</b> | 9                |
| <b>Max. Luminaire per 16A C Breaker</b> | 14               |
| <b>Max. Luminaire per 20A C Breaker</b> | 18               |
| <b>Max. Luminaire per 10A B Breaker</b> | 5                |
| <b>Max. Luminaire per 13A B Breaker</b> | 7                |
| <b>Max. Luminaire per 16A B Breaker</b> | 10               |
| <b>Max. Luminaire per 20A B Breaker</b> | 14               |

## Lifetime Data

|                                     |       |
|-------------------------------------|-------|
| <b>Lifespan L70 B50 @25°C (Hrs)</b> | 82000 |
| <b>Lifespan L80 B20 @25°C (Hrs)</b> | 50000 |
| <b>Lifespan L90 B10 @25°C (Hrs)</b> | 40000 |

430242-60

Technical Specification

Physical Data

|                             |                   |
|-----------------------------|-------------------|
| Housing colour              | Grey              |
| Body material               | Diecast Aluminium |
| Driver Housing              | Aluminium         |
| IP Rating                   | 65                |
| IK Rating                   | 10                |
| Diffuser Material           | Polycarbonate     |
| Diffuser finish             | Clear             |
| Nominal Product Length (mm) | 680               |
| Nominal Product Width (mm)  | 325               |
| Nominal Product Height (mm) | 60                |
| Weight (kg)                 | 6.7               |

Standards and Approvals

|                               |                      |
|-------------------------------|----------------------|
| Manufactured In Accordance To | EN 60598-1           |
| CE Mark                       | Yes                  |
| UKCA Mark                     | Yes                  |
| WEEE Symbol                   | Yes                  |
| Certificate Of Conformity     | Available on Request |
| Accredited Members            | LIA, ISO9001         |

